सुगन्ध एवं सुरस विकास केन्द्र, कन्नौज
FRAGRANCE & FLAVOUR DEVELOPMENT CENTRE, KANNAUJ
भारत सरकार की एक स्वायत्तशासी संस्था
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
A Govt. of India Autonomous Body
Ministry of Micro, Small & Medium Enterprises

An ISO 9001:2015, ISO 14001:2015 & ISO 29990:2010 Certified Organisation

T-0155

Quality Assessment Laboratory

TEST-REPORT

Serial No.62	Ref. No. FFDC/KNJ/QAL/2022-23/	Date: 10.05.2022

A. SAMPLE DETAILS

Customer's Name & Address	KRAMA AGRO, Kukde village,Boisar E Dist.Palghar,401501 Maharashtra state.
Customer's Code	
Item Name	Red Champaca Absolute
Specification	QAL-SOPM 201
Job Order No.	57, XXXI-57
Date of receipt	05.05.2022
Date of Analysis	10.05.2022
Cash receipt No. & Date	14/1188 dt- 12/5/22

GLC

S. No.	Name of Testing	Test Value	Test Method & Remark
1	Colour, Odour & Appearance	Light yellow, dark brown & floral Jasmine with camphoric note	
2	Optical rotation	Undetermined	IS 326 (Part 4): 2005 (RA 2015)
3	Specific Gravity at 27 °C	0.9765	IS 326 (Part 3): 2006 (RA 2012)
4	Refractive Index at 27 °C	1.4931	IS 326 (Part 5): 2006 (RA 2012)
5	Solubility 80% EtOH at 27°C	Soluble upto 2 Vol.	IS 326 (Part 6): 2005 (RA 2015)
6	**GLC (GC)**	Chromatogram enclosed	IS 326 (Part 19): 1998 (RA 2014)
7	**GC-MS**	Chromatograph Enclosed.	IS: 236 (Part 19) 1998
	The identification of compounds in said report is based upon library search software of GC-MS using NIST (USA)/Adam/ Flavour library. The Institute holds no responsibility legal or otherwise towards authenticity of identification accomplished by GC-MS.		

Disclaimer:

1-This report pertains only to the sample submitted for the test.
2-This report shall not be reproduced except in full, without the written approval of the Centre.
3-The results are valid at the time of test and under stated conditions.
4- The results are not valid for legal implications in the court of law.
5-Any complaint may be communicated to the customer service cell, FFDC Kannauj. If we don't receive any customer feedback form it will be assumed that party is satisfied with report.

Head
Customer Service Cell

10/05/2022
Auth. Signatory
Quality Manager/Dy. Quality Manager

Data File C:\Users\P...uments\ChemStation\1\Data\CHAMPAKA\RED CHAMPAKA ABSOLUTE XXXI-57.D
Sample Name: RED CHAMPAKA ABSOLUTE XXXI-57

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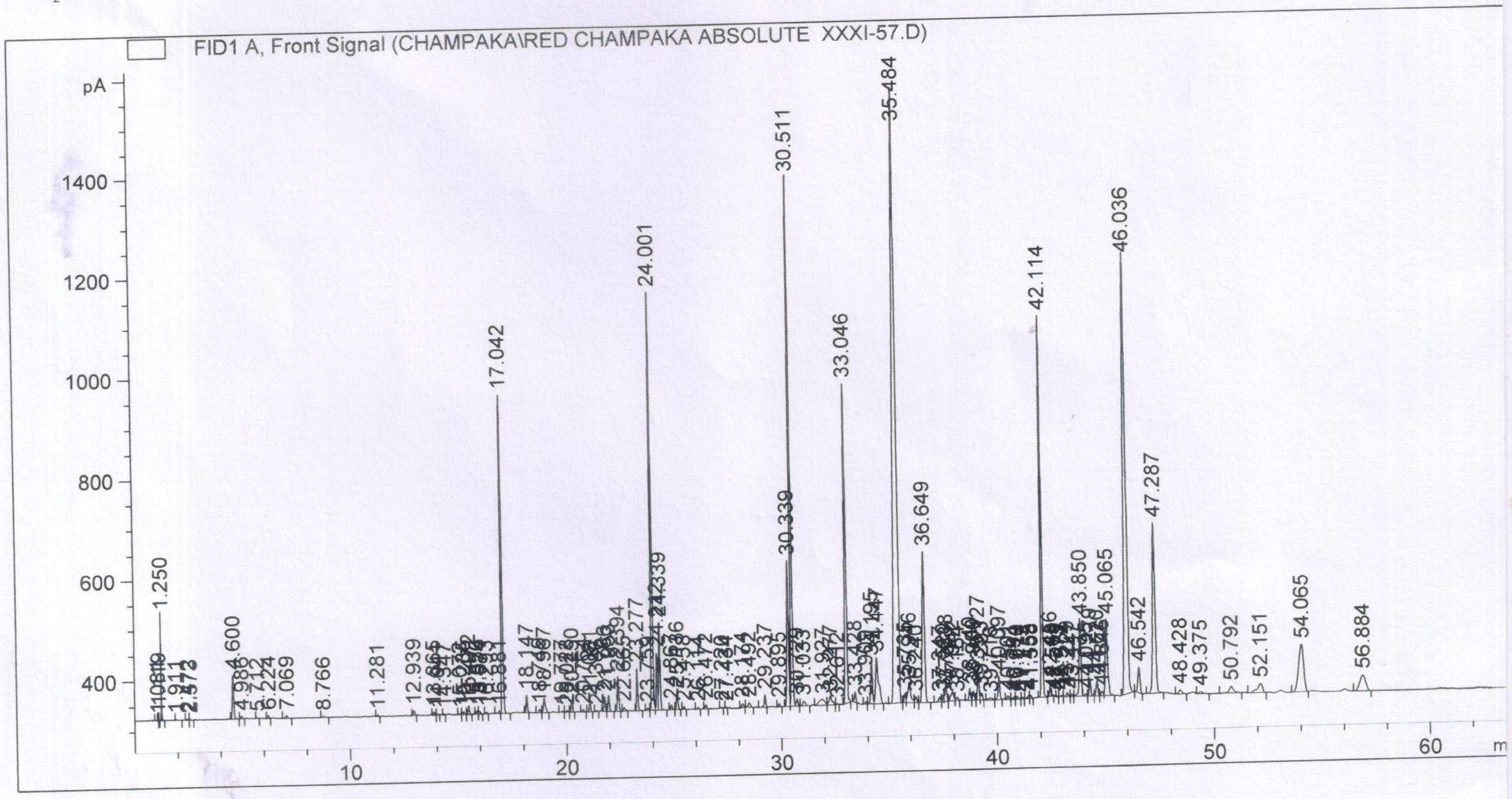
Acq. Operator : SYSTEM
Sample Operator : SYSTEM
Acq. Instrument : GC
Injection Date : 06-05-2022 12:06:37

Location : 1 (F)
Inj : 1
Inj Volume : Manually

Acq. Method : C:\Users\Public\Documents\ChemStation\1\Methods\GULAB.M
Last changed : 06-05-2022 12:02:21 by SYSTEM
(modified after loading)
Analysis Method : C:\Users\Public\Documents\ChemStation\1\Methods\GULAB.M
Last changed : 06-05-2022 13:12:05 by SYSTEM
(modified after loading)
Sample Info : RED CHAMPAKA ABSOLUTE XXXI-57



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Area Percent Report

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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A, Front Signal

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	1.081	BB	0.0146	2.09243	2.31177	0.00357
2	1.119	BB	0.0132	14.84958	16.95636	0.02533
3	1.250	BB	0.0164	220.95241	207.72304	0.37696
4	1.911	BB	0.0503	9.64539	2.53835	0.01646
5	2.472	BV	0.0506	11.29879	3.09227	0.01928

GC 06-05-2022 13:12:46 SYSTEM

Data File C:\Users\P...uments\ChemStation\1\Data\CHAMPAKA\RED CHAMPAKA ABSOLUTE XXXI-57.D
Sample Name: RED CHAMPAKA ABSOLUTE XXXI-57

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
6	2.573	VB	0.0472	7.85358	2.28094	0.01340
7	4.600	BB	0.0730	416.14218	86.68136	0.70997
8	4.986	BB	0.0833	30.25724	5.49308	0.05162
9	5.712	BB	0.0663	9.56483	2.26317	0.01632
10	6.224	BB	0.0728	31.02909	6.48283	0.05294
11	7.069	BB	0.0888	34.89487	5.66878	0.05953
12	8.766	BB	0.1007	19.45394	2.61707	0.03319
13	11.281	BB	0.0727	15.01957	3.09150	0.02562
14	12.939	BB	0.0766	50.02827	9.79678	0.08535
15	13.865	BB	0.0727	30.51585	6.39452	0.05206
16	14.041	BB	0.0545	7.19910	1.80636	0.01228
17	14.347	BB	0.0575	6.14736	1.54381	0.01049
18	15.072	BV	0.0662	10.46126	2.17267	0.01785
19	15.235	VB	0.0678	27.59474	5.98403	0.04708
20	15.472	BB	0.0671	76.85245	17.53599	0.13112
21	15.856	BV	0.0737	30.03627	6.17869	0.05124
22	15.974	VB	0.0770	31.83682	6.08505	0.05432
23	16.293	BB	0.0625	16.30156	3.84286	0.02781
24	16.881	BV E	0.0889	34.47291	5.83715	0.05881
25	17.042	VB R	0.0669	2653.85425	633.38971	4.52766
26	18.147	BB	0.0662	149.38744	34.74224	0.25487
27	18.749	BV	0.0859	42.94207	7.38302	0.07326
28	18.967	VB	0.0941	197.34294	28.73654	0.33668
29	19.777	BB	0.0720	14.84787	2.88683	0.02533
30	20.023	BB	0.0895	22.52950	3.43777	0.03844
31	20.250	BB	0.0700	119.18021	25.26566	0.20333
32	20.764	BB	0.0744	27.86037	5.38359	0.04753
33	21.081	BB	0.0648	90.41821	21.17542	0.15426
34	21.386	BB	0.0675	12.30550	2.49679	0.02099
35	21.766	BV	0.0728	133.29391	28.39019	0.22741
36	21.953	VB	0.0732	157.25430	32.08009	0.26829
37	22.394	BB	0.0705	329.55823	69.28629	0.56225
38	22.665	BB	0.0963	45.15044	6.55993	0.07703
39	23.277	BB	0.0614	339.47693	83.51691	0.57917
40	23.759	BB	0.0686	26.33595	4.90572	0.04493
41	24.001	BV	0.0634	3666.48804	831.86792	6.25528
42	24.212	VV	0.0592	461.51544	111.77705	0.78738
43	24.339	VB	0.0702	790.21692	173.20369	1.34816
44	24.867	BV	0.0748	46.82314	9.45479	0.07988
45	25.136	VB	0.0765	162.00067	33.43365	0.27638
46	25.458	BB	0.0761	24.91599	5.18307	0.04251
47	26.114	BB	0.0915	19.70729	3.35669	0.03362
48	26.472	BB	0.0782	41.41808	8.30949	0.07066
49	27.220	BB	0.0710	7.92898	1.81317	0.01353
50	27.434	BB	0.0542	5.27847	1.61406	0.00901
51	28.174	BB	0.0936	46.55358	7.38159	0.07942
52	28.492	BB	0.1139	63.88207	8.38284	0.10899
53	29.237	BB	0.0757	119.44353	24.14447	0.20378
54	29.895	BB	0.0702	29.94605	6.56891	0.05109
55	30.339	BV	0.0831	1562.63464	288.91315	2.66596
56	30.511	VV R	0.0686	4479.75928	1054.58569	7.64278
57	30.729	VB E	0.0890	86.13262	13.95118	0.14695
58	31.033	BB	0.1145	78.85647	9.43175	0.13453
59	31.927	BV	0.2390	216.33296	11.16830	0.36908
60	32.277	VB	0.1312	171.62708	17.84061	0.29281
61	32.612	BB	0.0733	9.38994	2.05573	0.01602

Data File C:\Users\P...uments\ChemStation\1\Data\CHAMPAKA\RED CHAMPAKA ABSOLUTE XXXI-57.D
Sample Name: RED CHAMPAKA ABSOLUTE XXXI-57

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
62	33.046	BB	0.0728	3202.85010	635.98010	5.46428
63	33.428	BB	0.0721	99.66148	21.11555	0.17003
64	33.909	BB	0.0796	23.16331	4.69451	0.03952
65	34.195	BV	0.0821	462.93237	82.99677	0.78979
66	34.447	VB	0.1378	880.96722	90.31932	1.50299
67	35.484	BB	0.1335	1.26064e4	1231.23584	21.50741
68	35.735	BV	0.0803	91.42850	17.97289	0.15598
69	35.946	VV	0.1413	380.20416	37.82964	0.64865
70	36.240	VB	0.0877	67.45758	11.79922	0.11509
71	36.649	BB	0.1004	2195.23804	299.92722	3.74523
72	37.347	BV	0.1010	63.85344	9.19182	0.10894
73	37.520	VV	0.0708	62.67938	13.33981	0.10694
74	37.638	VB	0.0923	185.36029	31.66973	0.31624
75	37.942	BV	0.1259	170.42778	18.59465	0.29076
76	38.164	VB	0.1039	45.15620	6.28274	0.07704
77	38.740	BV	0.0829	126.67124	24.24778	0.21611
78	38.900	VB	0.0791	97.14471	19.51982	0.16574
79	39.127	BV	0.0783	338.38760	67.69689	0.57731
80	39.293	VB	0.0852	84.69511	14.48813	0.14450
81	39.716	BB	0.1615	58.61460	4.51272	0.10000
82	40.097	BB	0.0764	248.65819	47.22057	0.42423
83	40.501	BV	0.0939	49.82716	8.08104	0.08501
84	40.794	VV	0.0922	31.78938	4.93414	0.05423
85	40.919	VB	0.0800	35.57429	6.28368	0.06069
86	41.175	BB	0.0672	14.13925	3.35310	0.02412
87	41.455	BV	0.0745	35.35022	6.81774	0.06031
88	41.558	VB	0.0753	31.50434	6.53330	0.05375
89	42.114	BB	0.0689	3377.62427	759.97400	5.76246
90	42.456	BV R	0.0600	112.90824	28.04209	0.19263
91	42.568	VB E	0.0466	6.66672	2.38456	0.01137
92	42.773	BB	0.0591	7.25385	1.96314	0.01238
93	42.972	BB	0.0880	17.67098	3.12584	0.03015
94	43.229	BV	0.0897	55.78924	8.60083	0.09518
95	43.447	VB	0.0714	23.63769	4.88905	0.04033
96	43.850	BV R	0.0915	933.81140	150.35371	1.59315
97	44.095	VB E	0.0966	33.20361	4.63363	0.05665
98	44.279	BV	0.0848	184.53322	33.21426	0.31483
99	44.620	VV	0.0926	180.78508	29.89260	0.30843
100	44.846	VV E	0.0938	62.27013	9.58184	0.10624
101	45.065	VB R	0.1074	1103.43433	150.79504	1.88253
102	46.036	BB	0.1147	7349.43848	868.91412	12.53865
103	46.542	BB	0.1073	361.51553	50.04696	0.61677
104	47.287	BB	0.1106	2795.12451	337.64145	4.76867
105	48.428	BB	0.1262	86.18925	8.72613	0.14704
106	49.375	BB	0.1461	47.77694	3.94987	0.08151
107	50.792	BB	0.2053	212.50433	12.89136	0.36255
108	52.151	BB	0.2094	309.69714	17.76395	0.52836
109	54.065	BB	0.2122	1495.91467	91.73782	2.55213
110	56.884	BB	0.2205	569.29822	30.81527	0.97126
Totals :				5.86143e4	9365.02918	

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*** End of Report ***

सुगन्ध एवं सुरस विकास केन्द्र, कन्नौज
FRAGRANCE & FLAVOUR DEVELOPMENT CENTRE, KANNAUJ
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T-0155

Quality Assessment Laboratory

TEST-REPORT

Serial No.62	Ref. No. FFDC/KNJ/QAL/2022-23/	Date: 10.05.2022

A. SAMPLE DETAILS

Customer's Name & Address	KRAMA AGRO, Kukde village,Boisar E Dist.Palghar,401501 Maharashtra state.
Customer's Code	
Item Name	Red Champaca Absolute
Specification	QAL-SOPM 201
Job Order No.	57, XXXI-57
Date of receipt	05.05.2022
Date of Analysis	10.05.2022
Cash receipt No. & Date	12/1188 dt- 12/05/22

S. No.	Name of Testing	Test Value	Test Method & Remark
1	Colour, Odour & Appearance	Light yellow, dark brown & floral Jasmine with camphoric note	
2	Optical rotation	Undetermined	IS 326 (Part 4): 2005 (RA 2015)
3	Specific Gravity at 27 °C	0.9765	IS 326 (Part 3): 2006 (RA 2012)
4	Refractive Index at 27 °C	1.4931	IS 326 (Part 5): 2006 (RA 2012)
5	Solubility 80% EtOH at 27°C	Soluble upto 2 Vol.	IS 326 (Part 6): 2005 (RA 2015)
6	**GLC (GC)**	Chromatogram enclosed	IS 326 (Part 19): 1998 (RA 2014)
7	**GC-MS**	Chromatograph Enclosed.	IS: 236 (Part 19) 1998
	The identification of compounds in said report is based upon library search software of GC-MS using NIST (USA)/Adam/ Flavour library. The Institute holds no responsibility legal or otherwise towards authenticity of identification accomplished by GC-MS.		

GCMS

Disclaimer:

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4- The results are not valid for legal implications in the court of law.
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10/05/2022

Head
Customer Service Cell

Auth. Signatory
Quality Manager/Dy. Quality Manager

```
File        :D:\data\New Folder\QAL feb.2016\RED CHAMPAKA ABSOLUTE XXXI-5
...          7.D
Operator    :
Instrument  :    GCMS
Acquired    :  9 May 2022  14:12     using AcqMethod PERFUME---.M
Sample Name: RED CHAMPAKA ABSOLUTE XXXI-57
Misc Info   :
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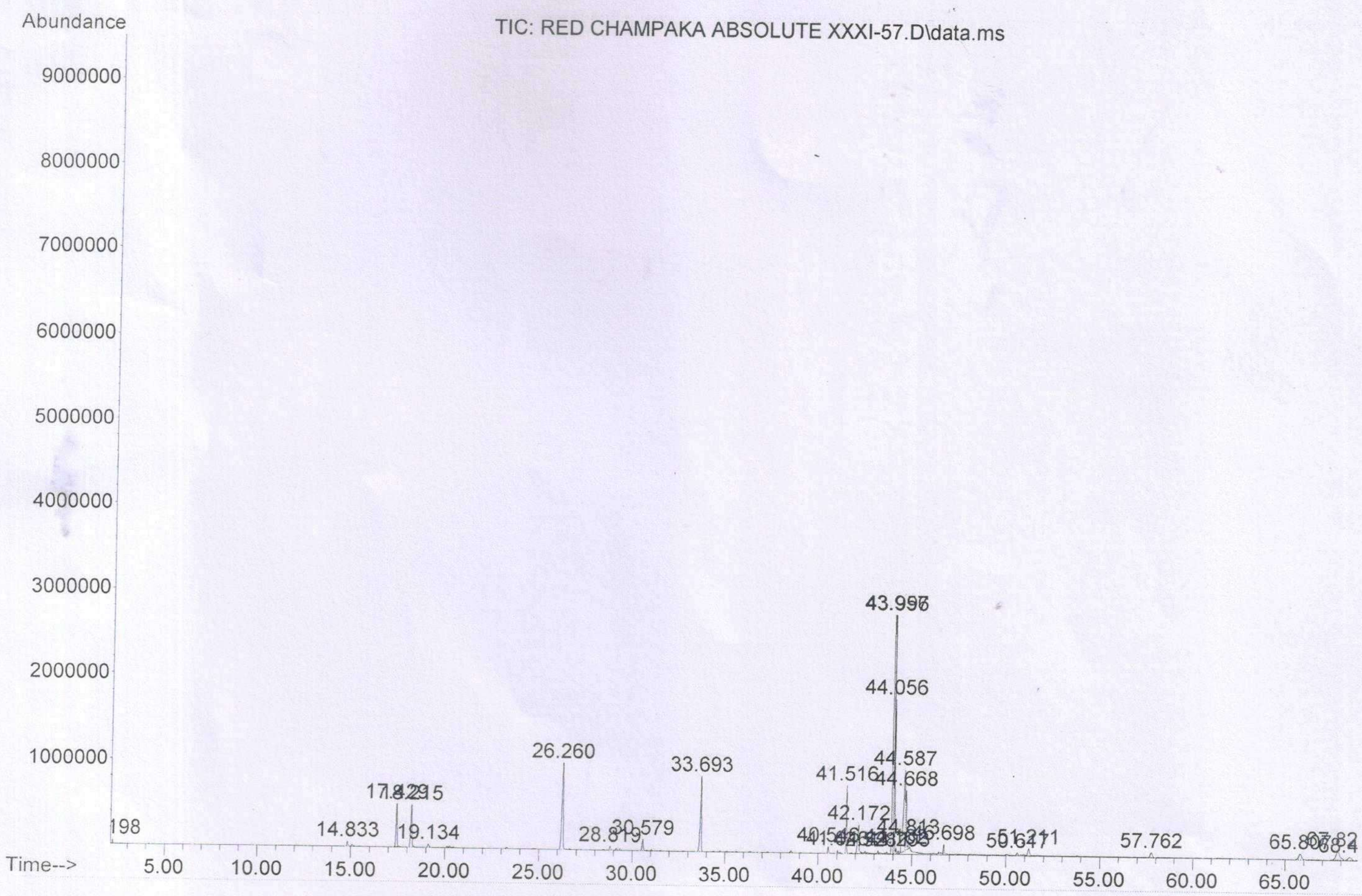

Library Search Report

Data Path : D:\data\New Folder\QAL feb.2016\
Data File : RED CHAMPAKA ABSOLUTE XXXI-57.D
Acq On : 9 May 2022 14:12
Operator :
Sample : RED CHAMPAKA ABSOLUTE XXXI-57
Misc :
ALS Vial : 1 Sample Multiplier: 1

Search Libraries: C:\Database\DEMO1.L\Adam.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Events: ChemStation Integrator - autoint1.e

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	2.199	0.18	C:\Database\DEMO1.L\Adam.L			
		3.03	BUTANEDIOL<2,3->	337	000513-85-9	1
		7.60	OCTANOL<2->	37	000123-96-6	1
2	14.833	0.42	C:\Database\DEMO1.L\Adam.L			
		8.76	CINEOLE <1,8->	167	000470-82-6	93
		12.29	MENTH-2-EN-1-OL<CIS-PARA->	1090	029803-82-5	23
		13.04	MENTH-2-EN-1-OL<TRANS-PARA-> (TRANS for OH vs	1091	029803-81-4	17
3	17.432	3.84	C:\Database\DEMO1.L\Adam.L			
		11.07	METHYL BENZOATE	983	000093-58-3	64
		6.43	BENZALDEHYDE	325	000100-52-7	4
		32.37	HEXENYL BENZOATE<2E->	295	076841-70-8	2
4	18.213	4.63	C:\Database\DEMO1.L\Adam.L			
		11.75	PHENYL ETHYL ALCOHOL (=2-PHENYLETHYL ALCOHOL;	1406	000060-12-8	97
		20.64	ISOAMYL BENZYL ETHER (=ISOPENTYL BENZYL ETHE	878	000122-73-6	36
		10.66	TOLUALDEHYDE<PARA->	1556	000104-87-0	9
5	19.133	0.38	C:\Database\DEMO1.L\Adam.L			
		19.76	INDOLE (=KETOLE; = 1-BENZAZOLE; = 1-AZAINDEN	867	000120-72-9	81
		23.11	HYDROCINNAMYL ACETATE	462	000122-72-5	1
6	26.263	9.85	C:\Database\DEMO1.L\Adam.L			
		21.72	ANTHRANILATE <METHYL->	187	000134-20-3	97
		13.79	PHENYL TERT-BUTANOL (=DIMETHYLBENZYLCARBINOL)	1326	000100-86-7	9
		28.05	VANILLONE, ACETO-	1581	000498-02-2	4
7	28.819	0.36	C:\Database\DEMO1.L\Adam.L			
		25.81	IONONE<(E)-ALPHA->	871	000127-41-3	87
		8.30	TERPINENE<ALPHA->	927	000099-86-5	74
		10.94	MENTHA-2,4(8)-DIENE<PARA->	607	000586-63-0	56
8	30.579	1.12	C:\Database\DEMO1.L\Adam.L			
		28.30	IONONE<(E)-BETA->	870	000079-77-6	93
		33.17	OPLOPENONE<BETA->	981	028305-60-4	32
		30.94	CADINENE ETHER<CIS->	358	151593-38-3	12
9	40.549	0.55	C:\Database\DEMO1.L\Adam.L			
		24.31	PHENYL ETHYL ISOBUTANOATE	1329	007775-39-5	56
		28.43	PHENYL ETHYL 3-METHYL BUTANOATE (=2-PHENYLETH	1315	000140-26-1	56
		28.25	PHENYL ETHYL 2-METHYLBUTANOATE	1327	024817-51-4	50

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10   41.046  0.18 C:\Database\DEMO1.L\Adam.L
                  43.92 NONADECANE                          104 000629-92-5 95
                  28.82 PENTADECANE                         100 000629-62-9 86
                  36.74 HEPTADECANE                         102 000629-78-7 86

11   41.517  4.14 C:\Database\DEMO1.L\Adam.L
                  44.64 METHYL HEXADECANOATE (=METHY        986 000112-39-0 94
                  L PALMITATE)
                  37.68 METHYL TETRADECANOATE (=METH       1520 000124-10-7 72
                  YL MYRISTATE)
                  21.23 METHYL DECANOATE                   1128 000110-42-9 64

12   42.175  3.50 C:\Database\DEMO1.L\Adam.L
                  31.47 DODECANOIC ACID  (=LAURIC AC        648 000143-07-7 38
                  ID)
                  18.77 NONANOIC ACID                      1203 000112-05-0 32
                  6.05 VALERIC ACID<3-METHYL-> (=3-M       1578 000105-43-1 12
                  ETHYLPENTANOIC AC

13   42.528  0.15 C:\Database\DEMO1.L\Adam.L
                  53.43 ETHYL OCTADECANOATE  (=ETHYL        701 000111-61-5 72
                   STEARATE)
                  40.25 ETHYL TETRADECANOATE  (=ETHY        703 000124-06-1 64
                  L MYRISTATE)
                  47.09 ETHYL HEXADECANOATE (=ETHYL         696 000628-97-7 55
                  PALMITATE)

14   43.212  0.21 C:\Database\DEMO1.L\Adam.L
                  29.43 BUTYLATED HYDROXYTOLUENE (=B        869 000128-37-0  4
                  HT; = IONOL)
                  35.16 AGERATOCHROMENE                      27 000644-06-4  2

15   43.956 19.69 C:\Database\DEMO1.L\Adam.L
                  50.33 METHYL LINOLEATE (=METHYL (9       1139 000112-63-0 99
                  Z,12Z)-OCTADECADI
                  15.41 DIHYDRO CARVONE<CIS->               631 007764-50-3 49
                  13.83 SABINA KETONE                       226 000513-20-2 47

16   43.993  8.41 C:\Database\DEMO1.L\Adam.L
                  50.33 METHYL LINOLEATE (=METHYL (9       1139 000112-63-0 99
                  Z,12Z)-OCTADECADI
                  26.46 IRIDOLACTONE<TRANS,CIS->           1174 128657-97-6 45
                  18.24 DECEN-1-OL<4Z->                     598 057074-37-0 45

17   44.058  9.25 C:\Database\DEMO1.L\Adam.L
                  7.79 MENTHA-1(7),8-DIENE<META->          1099 013837-95-1 47
                  18.83 PERILLA ALDEHYDE  (=PARA-MEN       1306 002111-75-3 40
                  THA-1,8-DIEN-7-AL)
                  10.30 MENTHA-3,8-DIENE<PARA->             608 000586-67-4 32

18   44.165  0.35 C:\Database\DEMO1.L\Adam.L
                  14.91 MENTHOL<ISO->                      1301 000490-99-3 50
                  54.07 PHYTOL ACETATE (=TRANS-PHYTO       1337 010236-16-5 43
                  L ACETATE)
                  6.91 PINANE<TRANS->                      1339 033626-25-4 35

19   44.293  0.22 C:\Database\DEMO1.L\Adam.L
                  51.23 METHYL OCTADECANOATE (=METHY       1141 000112-61-8 55
                  L STEARATE)
                  37.68 METHYL TETRADECANOATE (=METH       1520 000124-10-7 25
                  YL MYRISTATE)
                  37.57 METHYL TETRADECANOATE  (=MET       1148 000124-10-7 17
                  HYL MYRISTATE)

20   44.587 11.16 C:\Database\DEMO1.L\Adam.L
                  26.46 IRIDOLACTONE<TRANS,CIS->           1174 128657-97-6 42
                  33.82 CITRONELLYL PENTANOATE              475 007540-53-6 40
                  28.07 CITRONELLOL ISOBUTANOATE (=C        473 000097-89-2 28
                  ITRONELLYL ISOBUT

21   44.667  5.26 C:\Database\DEMO1.L\Adam.L
```

		17.00 MENTHA-1(7),8-DIEN-2-OL<CIS-PARA->	1106	022626-43-3	37
		32.16 CARYOPHYLLENE OXIDE	861	001139-30-6	27
		7.79 MENTHA-1(7),8-DIENE<META->	1099	013837-95-1	22
22	44.812	0.69 C:\Database\DEMO1.L\Adam.L			
		50.33 METHYL LINOLEATE (=METHYL (9Z,12Z)-OCTADECADI	1139	000112-63-0	81
		18.00 MYRTANOL<CIS->	1159	015358-92-6	59
		18.34 MYRTANOL<TRANS_	1160	015358-91-5	59
23	46.700	0.66 C:\Database\DEMO1.L\Adam.L			
		No matches found			
24	50.615	0.31 C:\Database\DEMO1.L\Adam.L			
		46.92 EICOSENE<1->	1259	003452-07-1	90
		49.76 OCTADECANOL<N->	35	000112-92-5	90
		40.02 OCTADECENE<1->	1258	000112-88-9	87
25	51.209	0.97 C:\Database\DEMO1.L\Adam.L			
		53.96 RETENE (=PHENANTHRENE, 7-ISOPROPYL-1-METHYL-)	1400	000483-65-8	12
		40.49 PYRAN-5-ONE<2,2-DIMETHYL-7-SEC-BUTYL-2H,5H-PY	863	174844-17-8	9
		40.74 PYRAN-5-ONE<2,2-DIMETHYL-7-ISOBUTYL-2H,5H-PYR	864	174844-18-9	8
26	57.761	0.84 C:\Database\DEMO1.L\Adam.L			
		42.03 PHENYL ETHYL OCTANOATE	1330	005457-70-5	17
		34.46 PHENYL ETHYL HEXANOATE	1328	006290-37-5	9
		28.43 PHENYL ETHYL 3-METHYL BUTANOATE (=2-PHENYLETH	1315	000140-26-1	4
27	65.805	1.30 C:\Database\DEMO1.L\Adam.L			
		37.36 FARNESOL<Z,Z->	734	016106-95-9	64
		38.37 FARNESOL<E,Z->	733	003879-60-5	64
		37.63 FARNESOL<E,E->	732	000106-28-5	64
28	67.822	2.82 C:\Database\DEMO1.L\Adam.L			
		21.28 PHENYL ETHYL OXYACETALDEHYDE (=ACETALDEHYDE,	1331	041847-88-5	9
		32.37 HEXENYL BENZOATE<2E->	295	076841-70-8	8
29	68.474	0.80 C:\Database\DEMO1.L\Adam.L			
		32.37 HEXENYL BENZOATE<2E->	295	076841-70-8	4
		21.28 PHENYL ETHYL OXYACETALDEHYDE (=ACETALDEHYDE,	1331	041847-88-5	4
		19.23 NOPOL (=HOMOMYRTENOL, =10-(HYDROXYMETHYL)-2-	1212	000128-50-7	4

ROSE.M Mon May 09 16:49:13 2022

Library Search Report

Data Path : D:\data\New Folder\QAL feb.2016\
Data File : RED CHAMPAKA ABSOLUTE XXXI-57.D
Acq On : 9 May 2022 14:12
Operator :
Sample : RED CHAMPAKA ABSOLUTE XXXI-57
Misc :
ALS Vial : 1 Sample Multiplier: 1

Search Libraries: C:\Database\NIST05.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Events: ChemStation Integrator - autoint1.e

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	2.199	0.18	C:\Database\NIST05.L			
			Ethyl alcohol	93	000064-17-5	64
			Ethyl alcohol	94	000064-17-5	43
			Ethyl alcohol	95	000064-17-5	9
2	14.833	0.42	C:\Database\NIST05.L			
			Eucalyptol	25507	000470-82-6	98
			Eucalyptol	25508	000470-82-6	96
			Eucalyptol	25509	000470-82-6	96
3	17.432	3.84	C:\Database\NIST05.L			
			Benzoic acid, methyl ester	15768	000093-58-3	94
			Benzoic acid, methyl ester	15765	000093-58-3	94
			Benzoic acid, methyl ester	15767	000093-58-3	91
4	18.213	4.63	C:\Database\NIST05.L			
			Phenylethyl Alcohol	9611	000060-12-8	97
			Phenylethyl Alcohol	9612	000060-12-8	91
			Phenylethyl Alcohol	9613	000060-12-8	91
5	19.133	0.38	C:\Database\NIST05.L			
			Benzyl nitrile	8328	000140-29-4	97
			Benzyl nitrile	8332	000140-29-4	96
			Benzyl nitrile	8330	000140-29-4	96
6	26.263	9.85	C:\Database\NIST05.L			
			Benzoic acid, 2-amino-, methyl ester	23884	000134-20-3	97
			Benzoic acid, 2-amino-, methyl ester	23883	000134-20-3	95
			Benzoic acid, 2-amino-, methyl ester	23882	000134-20-3	94
7	28.819	0.36	C:\Database\NIST05.L			
			3-Buten-2-one, 4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-, (E)-	51321	000127-41-3	98
			3-Buten-2-one, 4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-, (E)-	51322	000127-41-3	98
			1,5,5-Trimethyl-6-methylene-cyclohexene	15292	000514-95-4	80
8	30.579	1.12	C:\Database\NIST05.L			
			3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	51299	014901-07-6	98
			3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-, (E)-	51318	000079-77-6	97
			3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	51303	014901-07-6	93
9	40.549	0.55	C:\Database\NIST05.L			

			17.00 MENTHA-1(7),8-DIEN-2-OL<CIS-PARA->	1106	022626-43-3	37
			32.16 CARYOPHYLLENE OXIDE	861	001139-30-6	27
			7.79 MENTHA-1(7),8-DIENE<META->	1099	013837-95-1	22
23	44.812	0.69	C:\Database\DEMO1.L\Adam.L			
			50.33 METHYL LINOLEATE (=METHYL (9Z,12Z)-OCTADECADI	1139	000112-63-0	81
			18.00 MYRTANOL<CIS->	1159	015358-92-6	59
			18.34 MYRTANOL<TRANS_	1160	015358-91-5	59
24	46.700	0.66	C:\Database\DEMO1.L\Adam.L			
			No matches found			
25	50.615	0.31	C:\Database\DEMO1.L\Adam.L			
			46.92 EICOSENE<1->	1259	003452-07-1	90
			49.76 OCTADECANOL<N->	35	000112-92-5	90
			40.02 OCTADECENE<1->	1258	000112-88-9	87
26	51.209	0.97	C:\Database\DEMO1.L\Adam.L			
			53.96 RETENE (=PHENANTHRENE, 7-ISOPROPYL-1-METHYL-)	1400	000483-65-8	12
			40.49 PYRAN-5-ONE<2,2-DIMETHYL-7-SEC-BUTYL-2H,5H-PY	863	174844-17-8	9
			40.74 PYRAN-5-ONE<2,2-DIMETHYL-7-ISOBUTYL-2H,5H-PYR	864	174844-18-9	8
27	57.761	0.84	C:\Database\DEMO1.L\Adam.L			
			42.03 PHENYL ETHYL OCTANOATE	1330	005457-70-5	17
			34.46 PHENYL ETHYL HEXANOATE	1328	006290-37-5	9
			28.43 PHENYL ETHYL 3-METHYL BUTANOATE (=2-PHENYLETH	1315	000140-26-1	4
28	65.805	1.30	C:\Database\DEMO1.L\Adam.L			
			37.36 FARNESOL<Z,Z->	734	016106-95-9	64
			38.37 FARNESOL<E,Z->	733	003879-60-5	64
			37.63 FARNESOL<E,E->	732	000106-28-5	64
29	67.822	2.82	C:\Database\DEMO1.L\Adam.L			
			21.28 PHENYL ETHYL OXYACETALDEHYDE (=ACETALDEHYDE,	1331	041847-88-5	9
			32.37 HEXENYL BENZOATE<2E->	295	076841-70-8	8
30	68.474	0.80	C:\Database\DEMO1.L\Adam.L			
			32.37 HEXENYL BENZOATE<2E->	295	076841-70-8	4
			21.28 PHENYL ETHYL OXYACETALDEHYDE (=ACETALDEHYDE,	1331	041847-88-5	4
			19.23 NOPOL (=HOMOMYRTENOL, =10-(HYDROXYMETHYL)-2-	1212	000128-50-7	4

			Propanoic acid, 2,2-dimethyl-, 2-p henylethyl ester	61354	067662-96-8	74
			Oxalic acid, di(2-phenylethyl) est er	123508	1000309-66-5	72
			Oxalic acid, butyl 2-phenylethyl e ster	91865	1000309-65-7	64
10	1.046	0.18	C:\Database\NIST05.L			
			Nonadecane	104271	000629-92-5	95
			Nonadecane	104272	000629-92-5	95
			Eicosane	113490	000112-95-8	90
11	41.517	4.14	C:\Database\NIST05.L			
			Hexadecanoic acid, methyl ester	105644	000112-39-0	98
			Hexadecanoic acid, methyl ester	105642	000112-39-0	96
			Hexadecanoic acid, methyl ester	105646	000112-39-0	95
12	42.175	3.50	C:\Database\NIST05.L			
			n-Hexadecanoic acid	96235	000057-10-3	99
			n-Hexadecanoic acid	96233	000057-10-3	98
			n-Hexadecanoic acid	96234	000057-10-3	93
13	42.528	0.15	C:\Database\NIST05.L			
			Hexadecanoic acid, ethyl ester	114847	000628-97-7	95
			Hexadecanoic acid, ethyl ester	114844	000628-97-7	93
			Hexadecanoic acid, ethyl ester	114846	000628-97-7	90
14	43.212	0.21	C:\Database\NIST05.L			
			4-Phenylisoquinoline	60718	019571-30-3	91
			5-Phenylisoquinoline	60720	024464-35-5	87
			Benzonitrile, 4-(2-phenylethenyl)-	60728	001552-58-5	86
15	43.956	19.69	C:\Database\NIST05.L			
			8,11-Octadecadienoic acid, methyl ester	121095	056599-58-7	99
			9,11-Octadecadienoic acid, methyl ester, (E,E)-	121115	013038-47-6	99
			9,12-Octadecadienoic acid, methyl ester, (E,E)-	121112	002566-97-4	99
16	43.993	8.41	C:\Database\NIST05.L			
			8,11-Octadecadienoic acid, methyl ester	121095	056599-58-7	99
			9,11-Octadecadienoic acid, methyl ester, (E,E)-	121115	013038-47-6	99
			9,12-Octadecadienoic acid, methyl ester	121093	002462-85-3	99
17	44.058	9.25	C:\Database\NIST05.L			
			9,12,15-Octadecatrienoic acid, met hyl ester, (Z,Z,Z)-	119876	000301-00-8	99
			9,12,15-Octadecatrienoic acid, met hyl ester, (Z,Z,Z)-	119877	000301-00-8	98
			9,12,15-Octadecatrien-1-ol, (Z,Z,Z)-	101506	000506-44-5	97
18	44.165	0.35	C:\Database\NIST05.L			
			7-Oxabicyclo[4.1.0]heptane, 1,5-di methyl-	11129	162239-52-3	53
			Bicyclo[3.1.1]heptane, 2,6,6-trime thyl-, [1R-(1.alpha.,2.alpha.,5.al pha.)]-	16450	004863-59-6	35
			Bicyclo[3.1.1]heptane, 2,6,6-trime thyl-	16406	000473-55-2	35
19	44.293	0.22	C:\Database\NIST05.L			
			Heptadecanoic acid, 16-methyl-, me thyl ester	123729	005129-61-3	95
			Octadecanoic acid, methyl ester	123707	000112-61-8	70
			Octadecanoic acid, methyl ester	123709	000112-61-8	70
20	44.587	11.16	C:\Database\NIST05.L			

			2-Chloroethyl linoleate	148820	025525-76-2	90
			9,12-Octadecadienoic acid (Z,Z)-	111993	000060-33-3	90
			9,12-Octadecadienoic acid (Z,Z)-	111992	000060-33-3	90
21	44.667	5.26	C:\Database\NIST05.L			
			9,12,15-Octadecatrien-1-ol, (Z,Z,Z)-	101506	000506-44-5	93
			9,12-Octadecadienoic acid (Z,Z)-	111993	000060-33-3	90
			9,12,15-Octadecatrienoic acid, (Z,Z,Z)-	110773	000463-40-1	87
22	44.812	0.69	C:\Database\NIST05.L			
			Linoleic acid ethyl ester	129812	000544-35-4	99
			9,12-Octadecadienoic acid, ethyl ester	129833	007619-08-1	99
			Linoleic acid ethyl ester	129811	000544-35-4	98
23	46.700	0.66	C:\Database\NIST05.L			
			Undecan, 1,11-bis(9,10-dihydroanthracen-9-yl)-	185286	147398-44-5	38
			4-Butylbenzoic acid, pentadecyl ester	167947	1000292-32-8	37
			1,8(2H,5H)-Isoquinolinedione, 6,7-dihydro-3-hydroxy-	42607	037704-54-4	28
24	50.615	0.31	C:\Database\NIST05.L			
			10-Heneicosene (c,t)	121168	095008-11-0	95
			1-Nonadecene	102860	018435-45-5	90
			5-Eicosene, (E)-	112105	074685-30-6	90
25	51.209	0.97	C:\Database\NIST05.L			
			2-Naphthalenamine, N-phenyl-	70599	000135-88-6	64
			3-Benzylquinoline	70587	037045-16-2	58
			5-Benzylquinoline	70583	028748-14-3	58
26	57.761	0.84	C:\Database\NIST05.L			
			Oxalic acid, dodecyl 2-phenylethyl ester	158095	1000309-66-6	87
			Oxalic acid, 2-phenylethyl tetradecyl ester	168515	1000309-66-8	86
			Oxalic acid, octyl 2-phenylethyl ester	128456	1000309-66-2	78
27	65.805	1.30	C:\Database\NIST05.L			
			2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E)-	173573	000111-02-4	97
			Squalene	173556	007683-64-9	94
			2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E)-	173572	000111-02-4	93
28	67.822	2.82	C:\Database\NIST05.L			
			Etomidate	87860	033125-97-2	33
			Benzene, 1,1'-(1,2-dimethyl-1,2-ethanediyl)bis-, (R*,R*)-(.+/-.)-	64500	002726-21-8	33
			Benzoic acid, 2-methyl-, (2-methylphenyl)methyl ester	85440	055133-99-8	28
29	68.474	0.80	C:\Database\NIST05.L			
			Benzene, 1,1'-(1,2-dimethyl-1,2-ethanediyl)bis-, (R*,S*)-	64498	004613-11-0	38
			Benzene, 1,1'-(1,2-dimethyl-1,2-ethanediyl)bis-, (R*,R*)-(.+/-.)-	64500	002726-21-8	38
			Thiazolo[3,2-a][1,3,5]-triazin-6(7H)-one, 3,4(2H)-dihydro-7-hydroxymethyl-7-methyl-3-phenyl-	109855	088696-71-3	38

Library Search Report

Data Path : D:\data\New Folder\QAL feb.2016\
Data File : RED CHAMPAKA ABSOLUTE XXXI-57.D
Acq On : 9 May 2022 14:12
Operator :
Sample : RED CHAMPAKA ABSOLUTE XXXI-57
Misc :
ALS Vial : 1 Sample Multiplier: 1

Search Libraries: C:\Database\Flavor2.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Events: ChemStation Integrator - autoint1.e

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	2.199	0.18	C:\Database\Flavor2.L			
			Ethyl alcohol	26	000064-17-5	78
			Isopropyl formate	8	000625-55-8	3
			Isopropyl alcohol	35	000067-63-0	2
2	14.833	0.42	C:\Database\Flavor2.L			
			Eucalyptol	64	000470-82-6	96
			6-Methyl-5-hepten-2-one	249	000110-93-0	14
3	17.432	3.84	C:\Database\Flavor2.L			
			Methyl benzoate	251	000093-58-3	94
			Benzaldehyde	359	000100-52-7	33
			Benzoic acid	361	000065-85-0	4
4	18.213	4.63	C:\Database\Flavor2.L			
			Phenethyl alcohol	318	000060-12-8	95
			Phenethylamine	115	000064-04-0	2
			alpha,alpha-Dimethylphenethyl alcohol	327	000100-86-7	2
5	19.133	0.38	C:\Database\Flavor2.L			
			Indole	66	000120-72-9	76
			Ethyl-3-hydroxyhexenoate	116	002305-25-1	4
			3-Phenylpropyl acetate	185	000122-72-5	2
6	26.263	9.85	C:\Database\Flavor2.L			
			Methyl anthranilate	265	000134-20-3	96
			alpha,alpha-Dimethylphenethyl alcohol	327	000100-86-7	2
			p-Cymene	317	000099-87-6	1
7	28.819	0.36	C:\Database\Flavor2.L			
			alpha-Irone (isomer 2); methyl-alpha-ionone (Isomer 2)	101	000000-00-0	72
			alpha-Irone (isomer 1) (E-); methyl-alpha-ionone (isomer1) (E-)	100	000000-00-0	72
			alpha-terpinene	418	000099-86-5	50
8	30.579	1.12	C:\Database\Flavor2.L			
			beta-Ionone	267	014901-07-6	97
			beta - Ionone	421	014901-07-6	94
			beta - Ionone	420	014901-07-6	94
9	33.692	7.77	C:\Database\Flavor2.L			
			Piperonal; heliotropin	67	000120-57-0	4
10	40.549	0.55	C:\Database\Flavor2.L			
			Phenethyl propionate	415	000122-70-3	38
			xxx	294	000000-00-0	38
			Phenethyl acetate	293	000103-45-7	17
11	41.046	0.18	C:\Database\Flavor2.L			
			n-Eicosane	411	000112-95-8	91
			n-Tetracosane	412	000646-31-1	87
			n-Octadecane	410	000593-45-3	87

12	41.517	4.14	C:\Database\Flavor2.L			
			2-Methylheptanoic acid	12	001188-02-9	43
			Propionic acid	54	000079-09-4	5
			Methyl butyrate	258	000623-42-7	4
13	42.175	3.50	C:\Database\Flavor2.L			
			Stearic acid	389	000057-11-4	74
			Palmitic acid	61	000057-10-3	49
			Nonanoic acid	39	000112-05-0	37
14	42.528	0.15	C:\Database\Flavor2.L			
			Ethyl palmitate	52	000628-97-7	74
			Ethyl laurate; ethyl decanoate	80	000106-33-2	72
			Ethyl laurate	275	000106-33-2	64
15	43.212	0.21	C:\Database\Flavor2.L			
			No matches found			
16	43.956	19.69	C:\Database\Flavor2.L			
			cis-6-Nonen-1-ol	106	035854-86-5	38
			trans,trans-2,4-Hexadienal	131	000142-83-6	7
			Fenchyl alcohol	76	001632-73-1	7
17	43.993	8.41	C:\Database\Flavor2.L			
			cis-6-Nonen-1-ol	106	035854-86-5	43
			cis-3-Hexenol	197	000928-96-1	9
			2-Furyl-methylketone; 2-acetylfura	44	001192-62-7	7
18	44.058	9.25	C:\Database\Flavor2.L			
			Benzyl alcohol	75	000100-51-6	9
			cis-6-Nonen-1-ol	106	035854-86-5	9
19	44.165	0.35	C:\Database\Flavor2.L			
			xxx	390	000000-00-0	10
			Isobutyl butyrate	288	000539-90-2	2
			Butylbutyryllactate	330	007492-70-8	1
20	44.293	0.22	C:\Database\Flavor2.L			
			Methyl caproate; methyl hexanoate	170	000106-70-7	9
			2-Methylheptanoic acid	12	001188-02-9	4
			Propionic acid	54	000079-09-4	3
21	44.587	11.16	C:\Database\Flavor2.L			
			cis-6-Nonen-1-ol	106	035854-86-5	30
			cis-3-Hexenol	197	000928-96-1	4
			cis-3-Hexenyl lactate	203	003681-71-8	2
22	44.667	5.26	C:\Database\Flavor2.L			
			cis-6-Nonenal	104	002277-19-2	32
			cis-6-Nonen-1-ol	106	035854-86-5	16
			cis-3-Hexenol	197	000928-96-1	9
23	44.812	0.69	C:\Database\Flavor2.L			
			Citronellyl propionate	186	000141-14-0	37
			L-Menthol	38	002616-51-5	32
			cis-6-Nonen-1-ol	106	035854-86-5	27
24	46.700	0.66	C:\Database\Flavor2.L			
			No matches found			
25	50.615	0.31	C:\Database\Flavor2.L			
			Lauryl alcohol	90	000112-53-8	27
			trans-2-Heptenal	207	018829-55-5	25
			Lauric aldehyde	89	000112-54-9	23
26	51.209	0.97	C:\Database\Flavor2.L			
			No matches found			
27	57.761	0.84	C:\Database\Flavor2.L			
			Phenethyloctanoate	139	005457-70-5	38
			Phenethyl isobutyrate	322	000103-48-0	9

			Phenethyl propionate	415	000122-70-3	2
28	65.805	1.30	C:\Database\Flavor2.L			
			Citral	108	005392-40-5	36
			Geranyl formate	329	000105-86-2	9
			Nerolidol, (E-); nerolidol, (trans -)	248	007212-44-4	9
29	67.822	2.82	C:\Database\Flavor2.L			
			Benzoic acid	361	000065-85-0	1
30	68.474	0.80	C:\Database\Flavor2.L			
			Benzaldehyde	359	000100-52-7	3
			Benzoic acid	361	000065-85-0	1
			Phenethylamine	115	000064-04-0	1

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