LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027425.D
Acq On : 15 Sep 2020 23:42
Operator : JU/CG
Sample : L3995-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0P2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	20	24	32	rVB	43838	60833	1.90%	0.199%
2	3.834	141	144	149	rVB2	12568	16470	0.52%	0.054%
3	4.187	201	204	208	rVB5	15137	19582	0.61%	0.064%
4	6.704	630	632	633	rBV2	7214	5866	0.18%	0.019%
5	6.746	634	639	651	rVB2	122113	251835	7.88%	0.824%
6	6.898	659	665	679	rVB	415361	652683	20.42%	2.136%
7	7.093	692	698	710	rVB	482979	755736	23.64%	2.473%
8	7.557	769	777	784	rBV	558831	909147	28.44%	2.975%
9	7.634	785	790	797	rVB	72747	111051	3.47%	0.363%
10	7.869	824	830	835	rVB2	90019	136925	4.28%	0.448%
11	8.263	891	897	910	rBV	324410	545473	17.07%	1.785%
12	8.375	910	916	923	rVB3	19093	36884	1.15%	0.121%
13	8.645	956	962	965	rBV	47048	73384	2.30%	0.240%
14	8.698	965	971	979	rVB	531849	840195	26.29%	2.750%
15	8.804	984	989	997	rVB6	13001	23597	0.74%	0.077%
16	9.163	1048	1050	1055	rVB5	2499	3265	0.10%	0.011%
17	9.416	1086	1093	1100	rBV	459643	730838	22.86%	2.392%
18	9.481	1102	1104	1110	rVB6	7505	10319	0.32%	0.034%
19	9.698	1138	1141	1147	rVB5	2576	4078	0.13%	0.013%
20	9.816	1156	1161	1166	rBV2	34822	50087	1.57%	0.164%
21	9.951	1178	1184	1203	rBV	626218	1098929	34.38%	3.597%
22	10.122	1208	1213	1218	rVB2	37924	65121	2.04%	0.213%
23	10.210	1223	1228	1229	rVV4	4698	7745	0.24%	0.025%
24	10.245	1229	1234	1240	rVV4	16161	33742	1.06%	0.110%
25	10.322	1240	1247	1252	rVV	676802	1071142	33.51%	3.506%
26	10.375	1252	1256	1266	rVV	61880	113150	3.54%	0.370%
27	10.469	1266	1272	1285	rVV3	32706	79871	2.50%	0.261%
28	10.563	1285	1288	1291	rVB5	2616	3443	0.11%	0.011%
29	11.928	1513	1520	1526	rBV4	8186	15861	0.50%	0.052%
30	12.810	1667	1670	1676	rBV3	5788	8975	0.28%	0.029%
31	13.045	1703	1710	1714	rBV2	11006	14201	0.44%	0.046%
32	13.616	1798	1807	1812	rBV	1177958	1577252	49.35%	5.162%
33	13.663	1812	1815	1824	rVB	64528	88801	2.78%	0.291%
34	13.886	1846	1853	1863	rBV	1291021	1825716	57.12%	5.975%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : BG0P2

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

35	14.133	1889	1895	1899	rVB4	3329	5226	0.16%	0.017%
36	14.198	1899	1906	1917	rBV	959880	1410175	44.12%	4.615%
37	14.292	1918	1922	1928	rVB3	8159	9966	0.31%	0.033%
38	14.422	1939	1944	1961	rBV4	25185	76548	2.39%	0.251%
39	14.886	2019	2023	2026	rBV4	4230	6320	0.20%	0.021%
40	15.033	2041	2048	2053	rBV3	6305	9024	0.28%	0.030%
41	15.192	2069	2075	2087	rBV	1585619	2276791	71.23%	7.452%
42	15.321	2091	2097	2109	rVV	459254	657665	20.58%	2.152%
43	15.433	2112	2116	2122	rVV2	21734	34847	1.09%	0.114%
44	15.568	2133	2139	2145	rBV	18484	26029	0.81%	0.085%
45	15.945	2200	2203	2205	rBV3	2448	3254	0.10%	0.011%
46	15.980	2205	2209	2214	rVB5	6346	9939	0.31%	0.033%
47	16.092	2225	2228	2230	rBV4	2494	3369	0.11%	0.011%
48	16.557	2304	2307	2311	rBV4	2762	4339	0.14%	0.014%
49	16.627	2316	2319	2324	rVB6	2792	3680	0.12%	0.012%
50	16.733	2334	2337	2343	rVB4	4198	5964	0.19%	0.020%
51	16.945	2367	2373	2383	rVV	1131860	1547192	48.40%	5.064%
52	17.039	2383	2389	2403	rBV	1825842	2628987	82.25%	8.604%
53	17.257	2421	2426	2430	rBV	5027	7582	0.24%	0.025%
54	17.474	2459	2463	2466	rVB6	2921	4090	0.13%	0.013%
55	17.633	2484	2490	2495	rBV	165683	199059	6.23%	0.651%
56	17.804	2516	2519	2522	rVB4	2650	3311	0.10%	0.011%
57	17.868	2525	2530	2535	rBV2	37660	65465	2.05%	0.214%
58	17.933	2538	2541	2544	rVB	15652	19735	0.62%	0.065%
59	18.004	2549	2553	2554	rBV4	4197	5090	0.16%	0.017%
60	18.057	2560	2562	2569	rVB8	3819	6356	0.20%	0.021%
61	18.215	2587	2589	2592	rBV4	2587	3605	0.11%	0.012%
62	18.980	2715	2719	2723	rBV	17282	19810	0.62%	0.065%
63	19.156	2746	2749	2753	rBV4	11827	17065	0.53%	0.056%
64	19.233	2758	2762	2767	rVB	18926	28502	0.89%	0.093%
65	19.345	2773	2781	2790	rBV	2471971	3167022	99.08%	10.365%
66	20.880	3039	3042	3048	rBV2	116326	151936	4.75%	0.497%
67	21.145	3082	3087	3094	rBV	1341751	1766066	55.25%	5.780%
68	23.168	3425	3431	3439	rBV	1810821	3196354	100.00%	10.461%
69	23.303	3448	3454	3465	rVB	1082054	1931926	60.44%	6.323%

Sum of corrected areas: 30554486

LSC Report - Integrated Chromatogram

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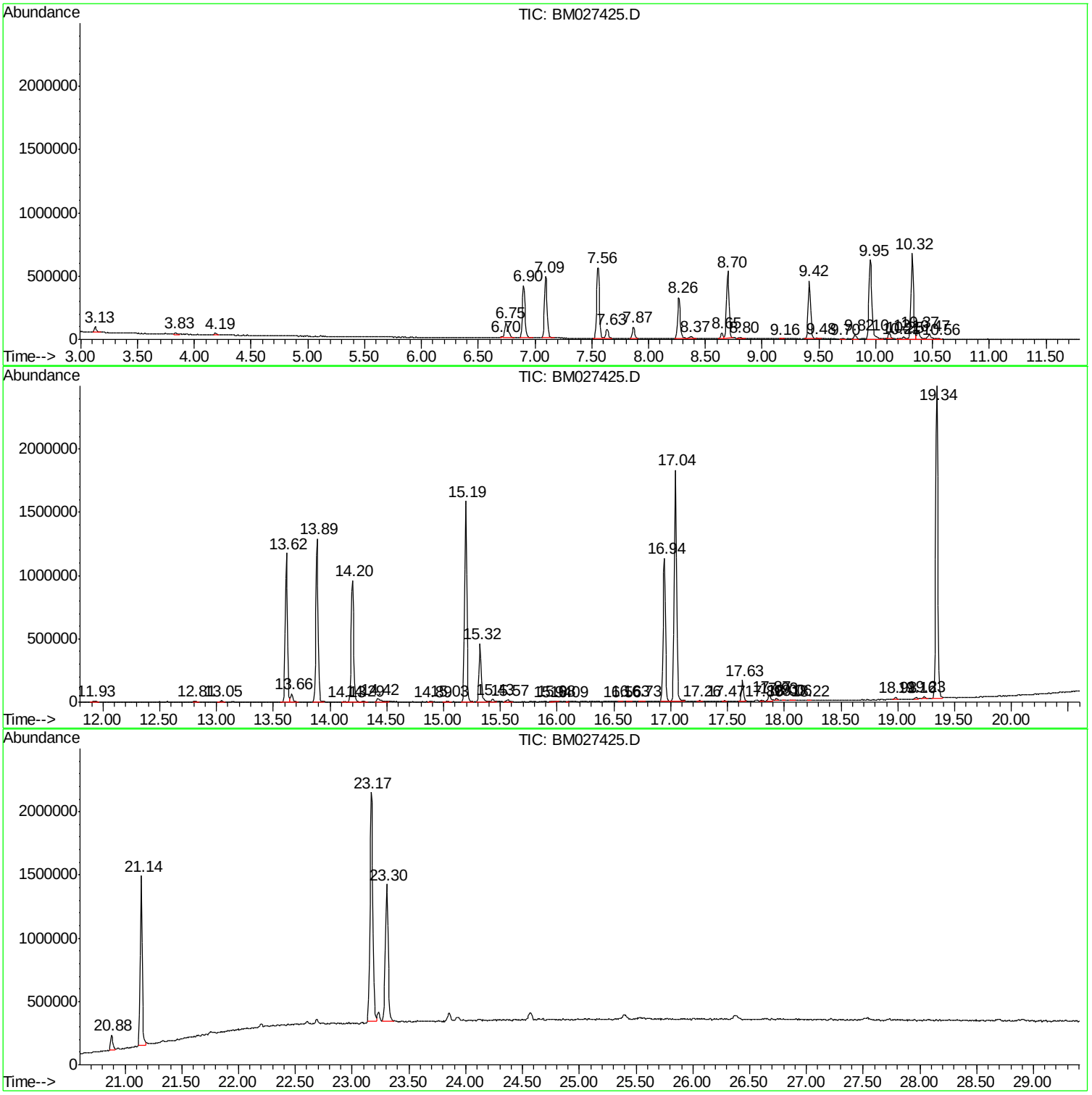
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0P2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

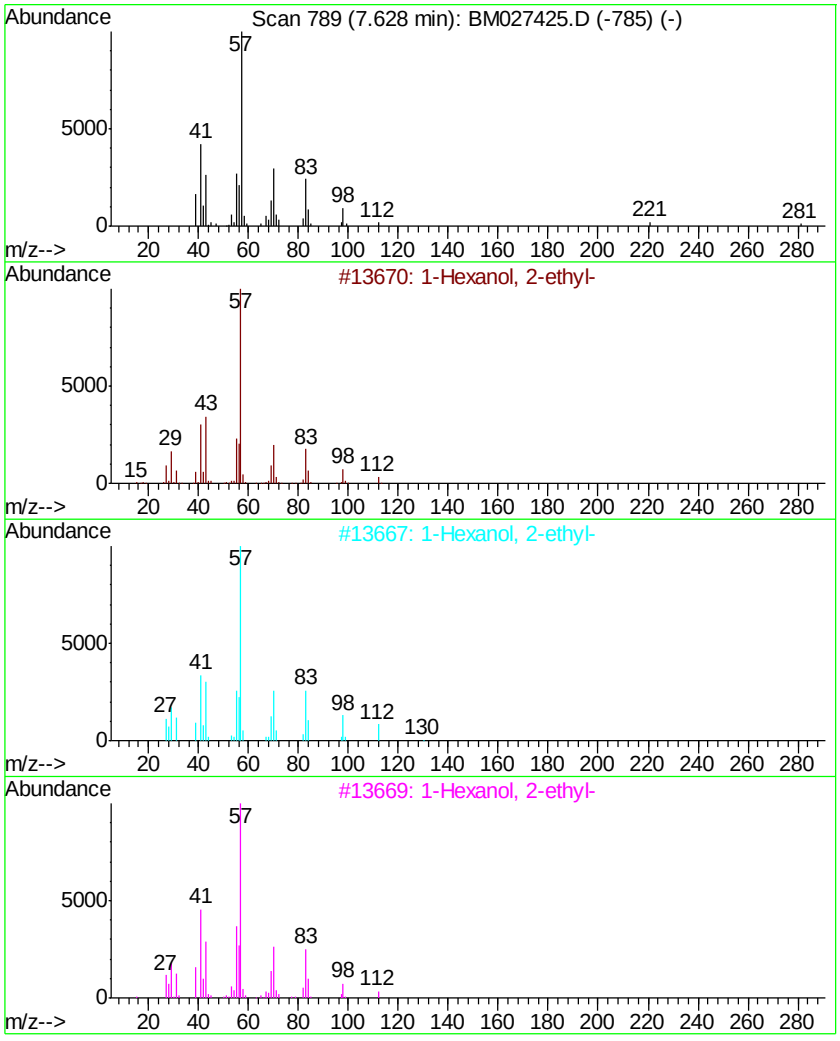
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

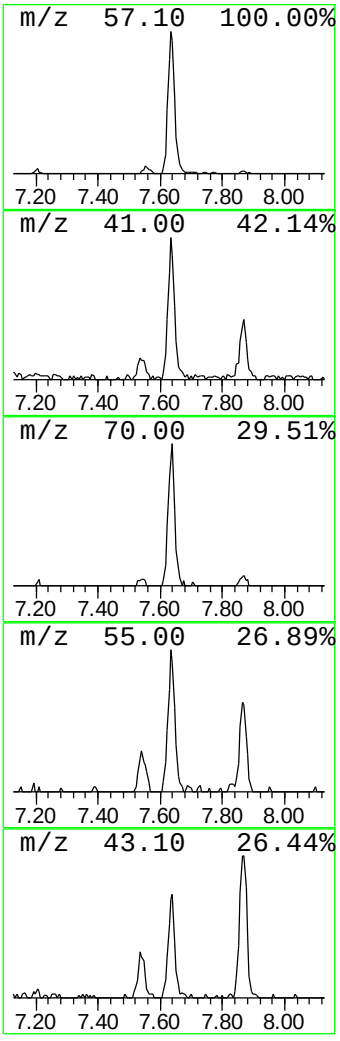
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.44 ng/ul	111051	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59





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Instrument : BNA_M
ClientSampleId : BG0P2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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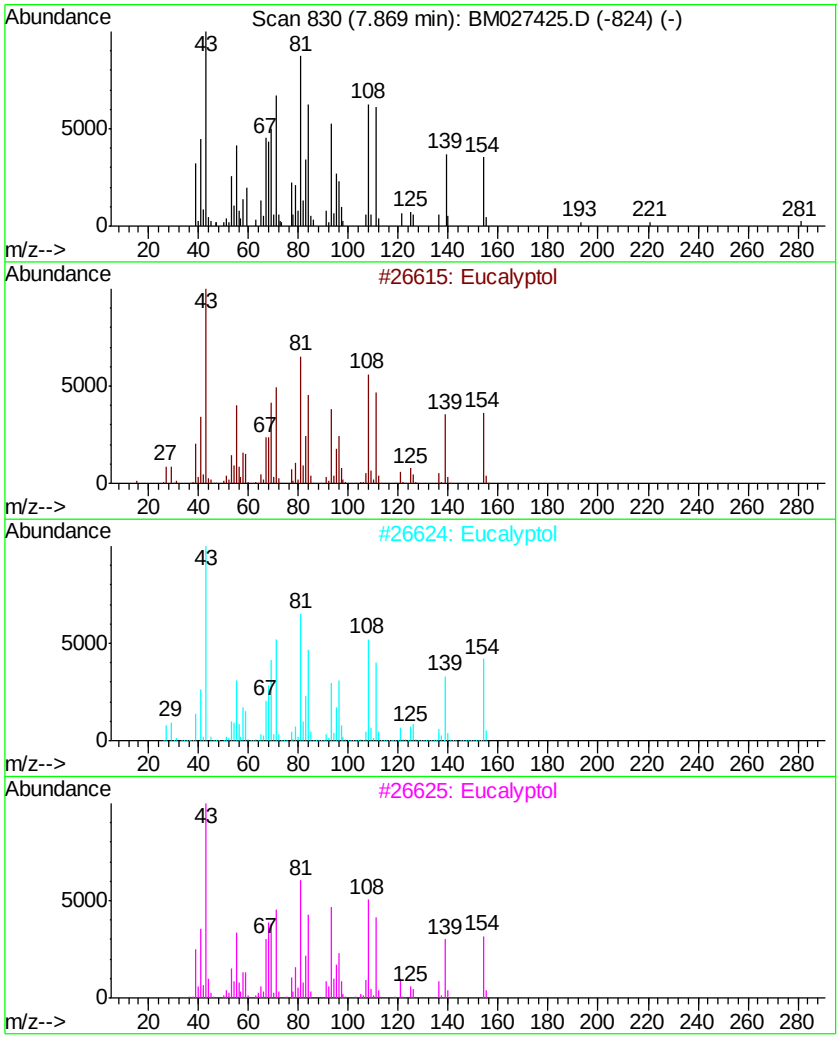
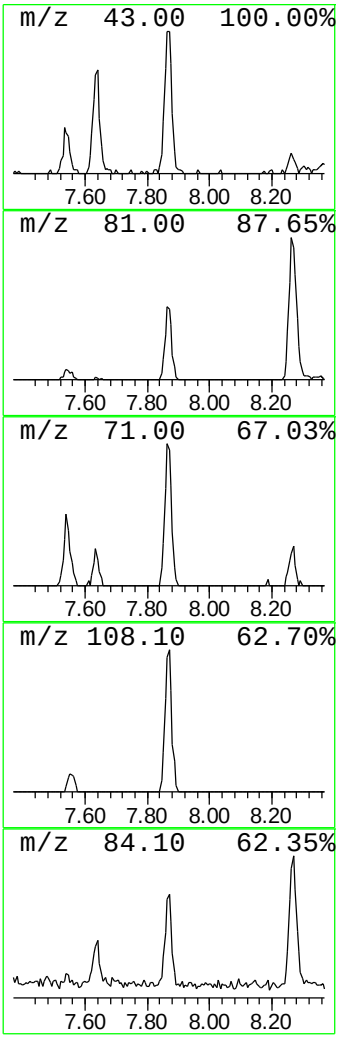
Peak Number 2 Eucalyptol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	3.01 ng/ul	136925	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	95
2	Eucalyptol	154	C10H18O	000470-82-6	86
3	Eucalyptol	154	C10H18O	000470-82-6	76
4	Eucalyptol	154	C10H18O	000470-82-6	60
5	Eucalyptol	154	C10H18O	000470-82-6	49





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Quant Title : SVOA CALIBRATION

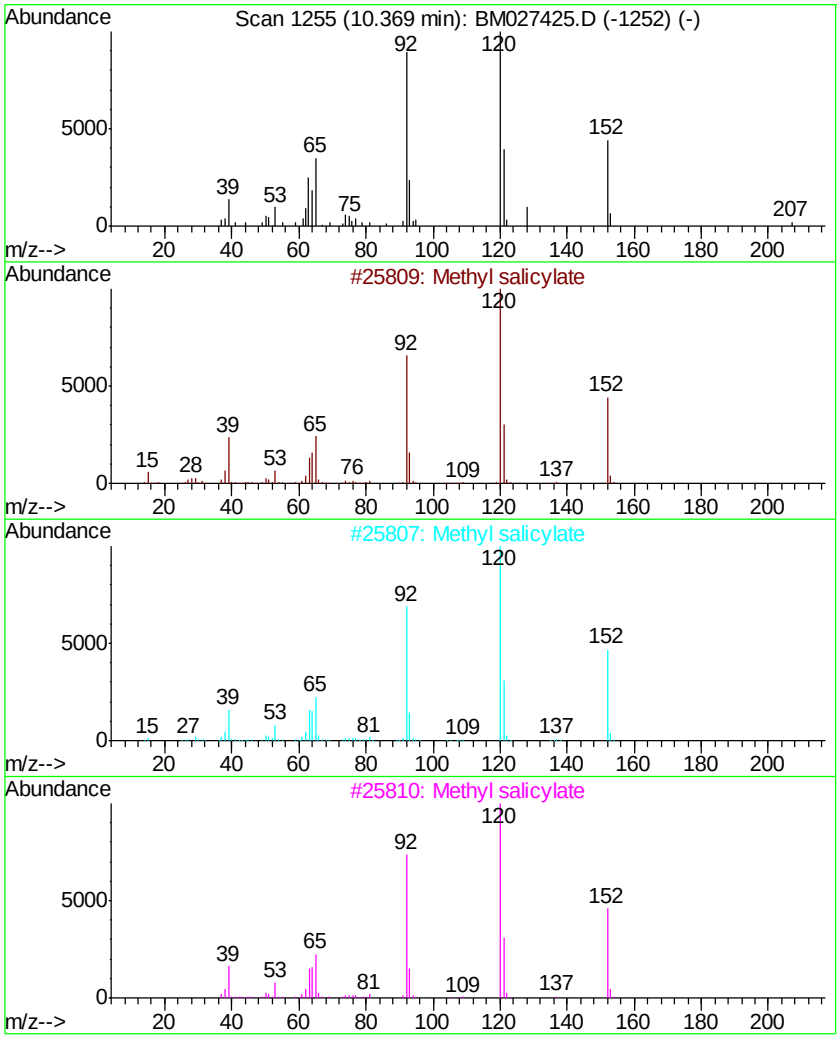
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

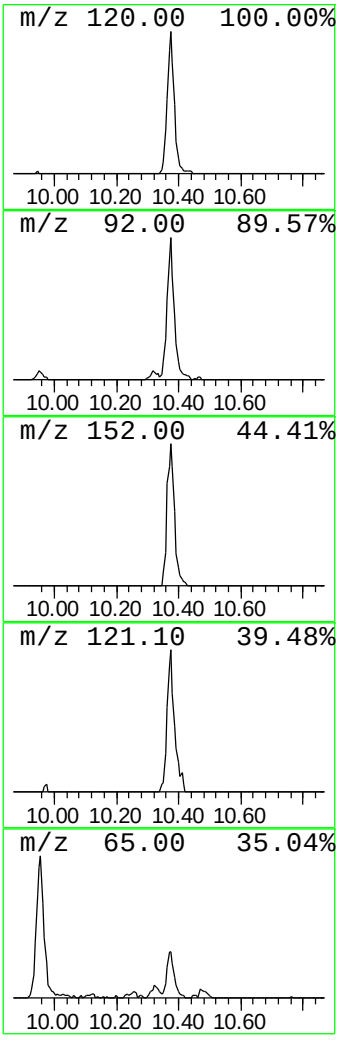
****

Peak Number 3 Methyl salicylate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.11 ng/ul	113150	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl salicylate	152	C8H8O3	000119-36-8	94
2	Methyl salicylate	152	C8H8O3	000119-36-8	94
3	Methyl salicylate	152	C8H8O3	000119-36-8	94
4	Benzoic acid, 2-hydroxy-, ethyl ...	166	C9H10O3	000118-61-6	59
5	Methyl salicylate	152	C8H8O3	000119-36-8	58





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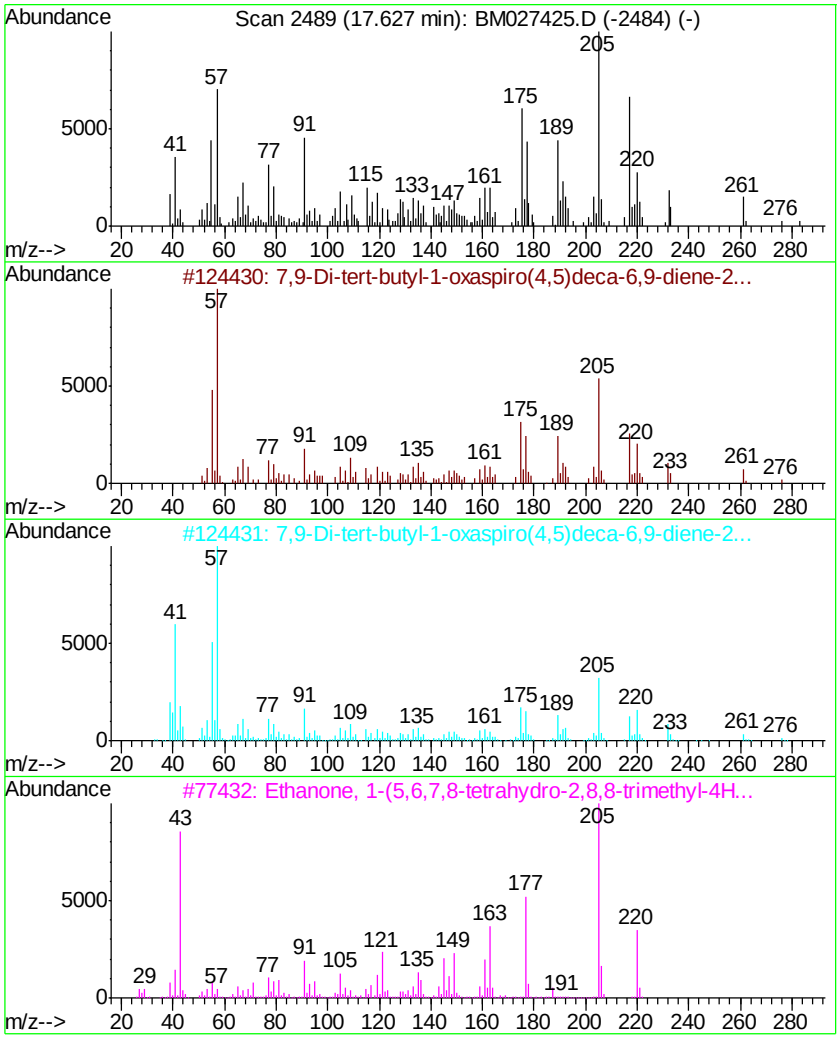
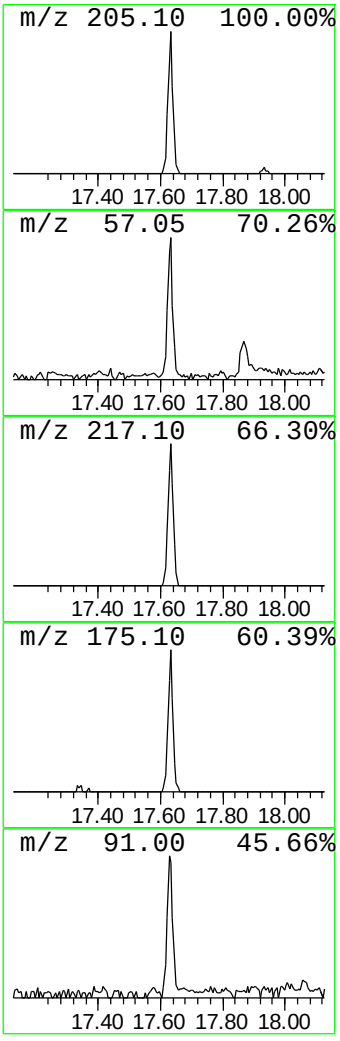
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.57 ng/ul	199059	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	42
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.63	2.4	ng/ul	111051	1	7.56	909147	20.0
Eucalyptol	7.87	3.0	ng/ul	136925	1	7.56	909147	20.0
Methyl salicylate	10.37	2.1	ng/ul	113150	2	10.32	1071140	20.0
7,9-Di-tert-butyl...	17.63	2.6	ng/ul	199059	4	16.94	1547190	20.0