LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027428.D
Acq On : 16 Sep 2020 01:30
Operator : JU/CG
Sample : L3995-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0P5

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	29	rVB	44418	55793	1.94%	0.193%
2	3.834	142	144	148	rVB3	11652	12839	0.45%	0.045%
3	6.711	630	633	634	rBV3	4784	4602	0.16%	0.016%
4	6.746	634	639	656	rVB	111815	201357	7.02%	0.698%
5	6.899	659	665	675	rVB	375949	574951	20.04%	1.993%
6	7.093	692	698	711	rBV	447375	704368	24.55%	2.442%
7	7.552	769	776	784	rBV	582455	945473	32.96%	3.277%
8	7.634	785	790	796	rVB	71505	105582	3.68%	0.366%
9	7.816	818	821	824	rVV5	3098	4898	0.17%	0.017%
10	7.863	824	829	835	rVB	86249	133284	4.65%	0.462%
11	8.263	891	897	910	rBV	297293	497541	17.34%	1.725%
12	8.375	910	916	919	rBV	17020	25900	0.90%	0.090%
13	8.646	956	962	965	rBV	47097	73532	2.56%	0.255%
14	8.699	965	971	985	rVV	469388	777413	27.10%	2.695%
15	8.805	985	989	996	rVB5	12880	21897	0.76%	0.076%
16	9.169	1046	1051	1055	rVB5	3688	5487	0.19%	0.019%
17	9.416	1085	1093	1101	rBV	392326	653721	22.79%	2.266%
18	9.475	1101	1103	1108	rVB5	6392	9241	0.32%	0.032%
19	9.816	1153	1161	1168	rBV3	29295	47958	1.67%	0.166%
20	9.951	1176	1184	1198	rBV	552587	978535	34.11%	3.392%
21	10.122	1206	1213	1220	rVB2	40874	64761	2.26%	0.224%
22	10.199	1224	1226	1229	rBV4	3706	4572	0.16%	0.016%
23	10.246	1229	1234	1240	rVB5	14163	27401	0.96%	0.095%
24	10.322	1240	1247	1252	rBV	685432	1109448	38.68%	3.846%
25	10.375	1252	1256	1266	rVB	52673	98098	3.42%	0.340%
26	10.469	1266	1272	1280	rBV2	30114	63310	2.21%	0.219%
27	10.981	1357	1359	1363	rVB4	3196	4201	0.15%	0.015%
28	11.922	1515	1519	1525	rBV3	7314	10323	0.36%	0.036%
29	12.498	1613	1617	1621	rVB4	2708	3630	0.13%	0.013%
30	12.551	1623	1626	1631	rVV3	3270	4842	0.17%	0.017%
31	12.810	1665	1670	1676	rVB4	7381	12293	0.43%	0.043%
32	13.045	1706	1710	1716	rBV2	9864	13810	0.48%	0.048%
33	13.122	1718	1723	1726	rVV4	3704	5649	0.20%	0.020%
34	13.616	1800	1807	1812	rBV	1059265	1424044	49.64%	4.936%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : BG0P5

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

35	13.663	1812	1815	1824	rVB	137744	186272	6.49%	0.646%
36	13.887	1844	1853	1860	rBV	1144872	1659503	57.85%	5.752%
37	14.122	1891	1893	1898	rVB3	2156	3079	0.11%	0.011%
38	14.198	1898	1906	1916	rBV2	961698	1452625	50.64%	5.035%
39	14.298	1919	1923	1925	rVB2	6030	6867	0.24%	0.024%
40	14.428	1940	1945	1954	rBV3	22509	56336	1.96%	0.195%
41	14.486	1954	1955	1959	rVB4	3149	3076	0.11%	0.011%
42	14.892	2018	2024	2029	rVB7	3402	6975	0.24%	0.024%
43	15.034	2040	2048	2052	rBV3	6376	12013	0.42%	0.042%
44	15.086	2054	2057	2063	rVB4	2500	3705	0.13%	0.013%
45	15.192	2069	2075	2086	rBV	1444963	2038431	71.06%	7.066%
46	15.322	2091	2097	2107	rBV	379938	539683	18.81%	1.871%
47	15.433	2113	2116	2122	rVB2	16049	24603	0.86%	0.085%
48	15.569	2134	2139	2145	rBV	15513	24535	0.86%	0.085%
49	15.980	2205	2209	2216	rBV6	4462	6947	0.24%	0.024%
50	16.204	2242	2247	2250	rVB4	2761	4693	0.16%	0.016%
51	16.739	2332	2338	2345	rVB6	5291	11201	0.39%	0.039%
52	16.945	2366	2373	2382	rBV	1155357	1614905	56.30%	5.598%
53	17.039	2383	2389	2405	rVV	1705879	2350652	81.94%	8.148%
54	17.251	2422	2425	2431	rBV	5108	6535	0.23%	0.023%
55	17.633	2483	2490	2494	rBV	140720	180438	6.29%	0.625%
56	17.869	2525	2530	2537	rBV	62955	99107	3.45%	0.344%
57	17.933	2537	2541	2546	rVB	12065	19505	0.68%	0.068%
58	18.010	2551	2554	2560	rVV7	4216	7483	0.26%	0.026%
59	18.074	2560	2565	2567	rVB6	3662	6025	0.21%	0.021%
60	18.163	2576	2580	2581	rBV4	3670	5105	0.18%	0.018%
61	18.669	2663	2666	2667	rBV3	3039	3016	0.11%	0.010%
62	18.980	2715	2719	2725	rBV	12327	17958	0.63%	0.062%
63	19.157	2745	2749	2755	rBV6	21794	36328	1.27%	0.126%
64	19.227	2758	2761	2767	rVB	15089	21764	0.76%	0.075%
65	19.345	2775	2781	2794	rBV	2046101	2817769	98.23%	9.767%
66	20.880	3038	3042	3049	rBV2	149532	210147	7.33%	0.728%
67	21.139	3081	3086	3095	rBV	1461798	1882796	65.63%	6.526%
68	23.168	3425	3431	3438	rBV	1694253	2868622	100.00%	9.944%
69	23.304	3448	3454	3463	rVB	1133964	1979063	68.99%	6.860%

Sum of corrected areas: 28848516

LSC Report - Integrated Chromatogram

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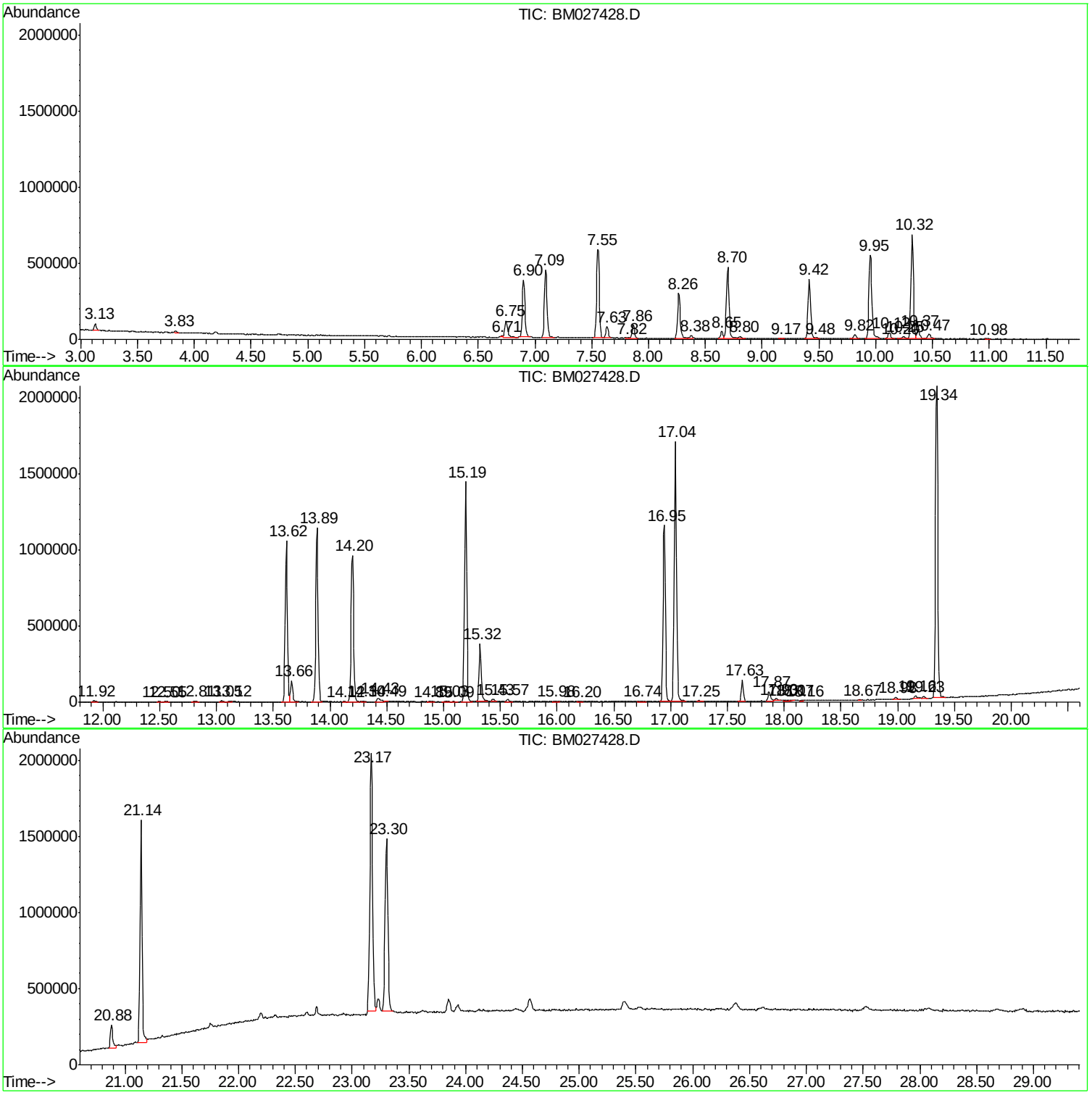
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0P5

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

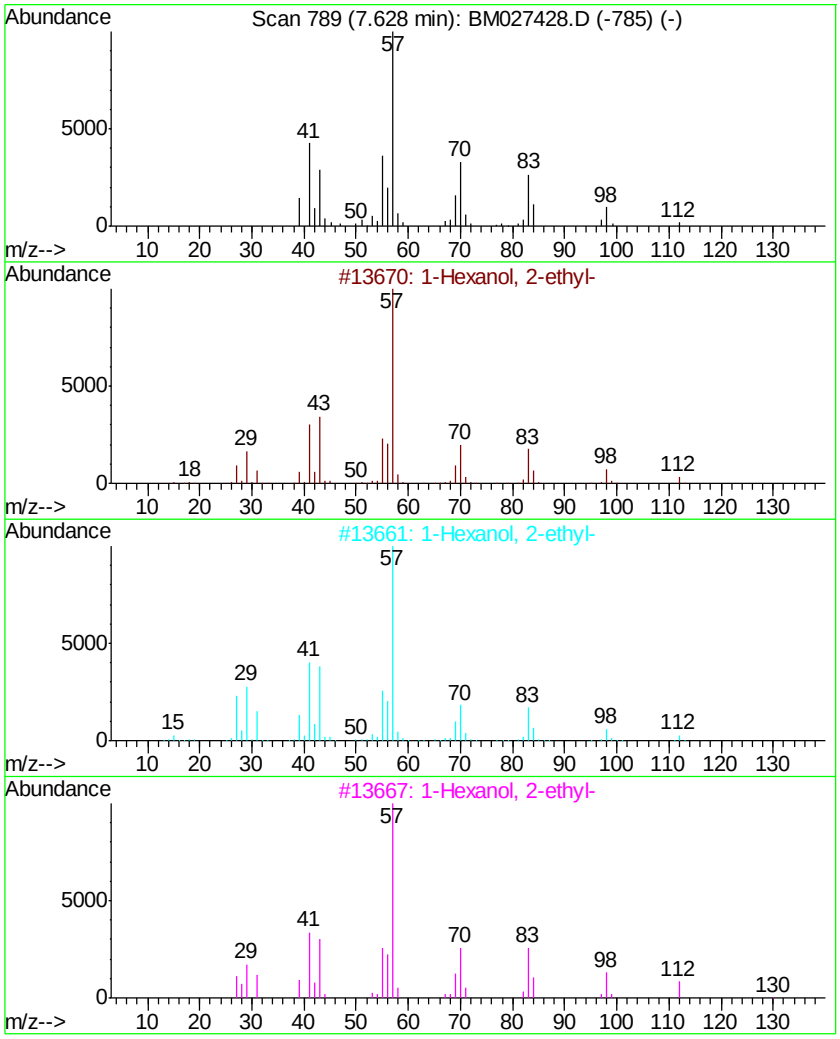
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

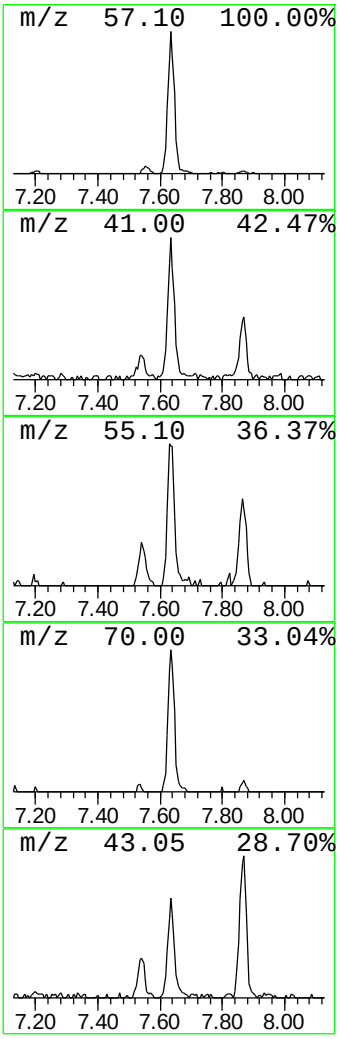
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.23 ng/ul	105582	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	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





Library Search Compound Report

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Sample : L3995-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0P5

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

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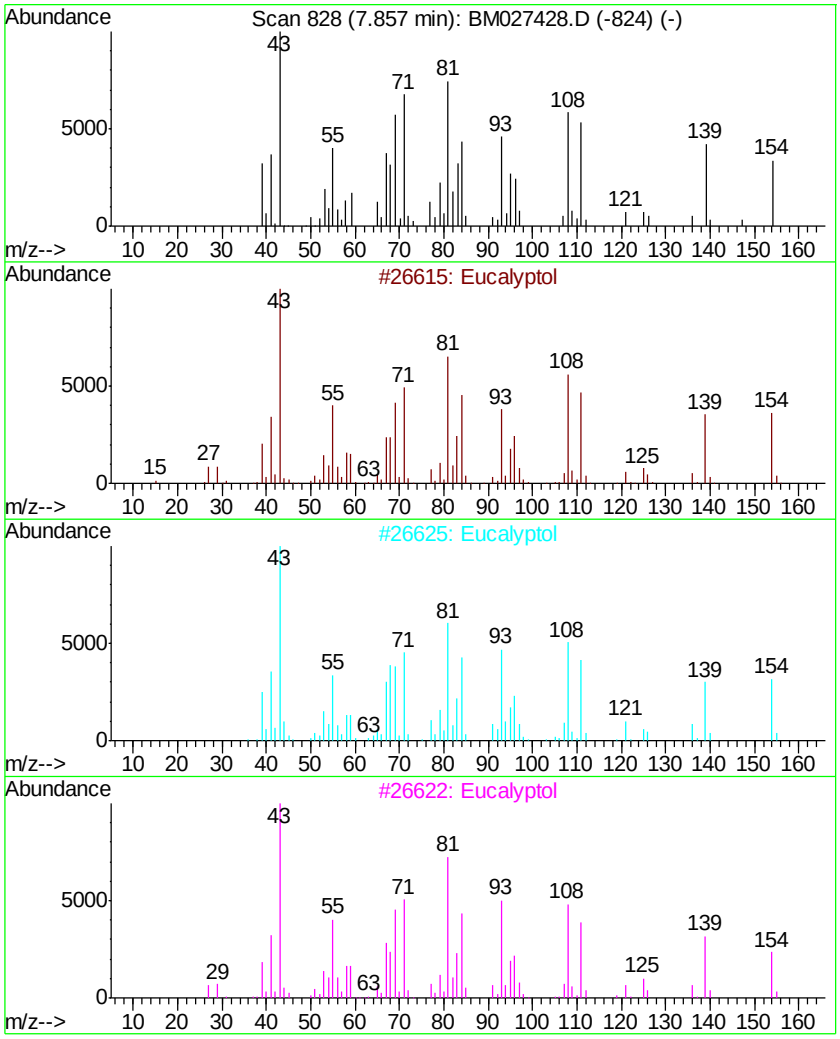
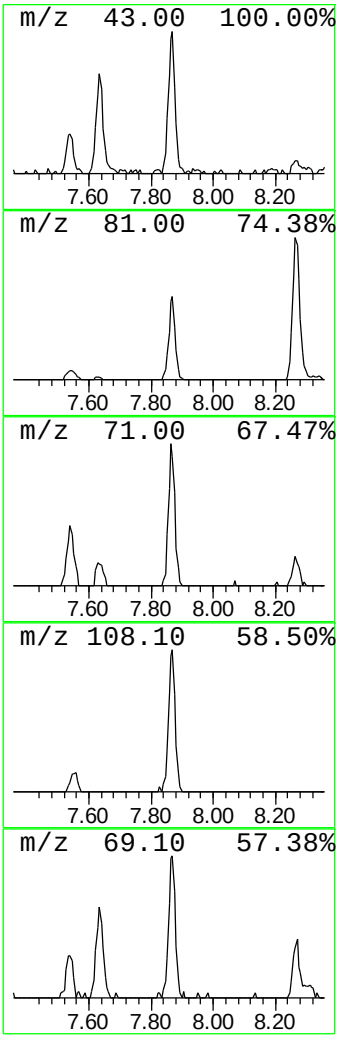
Peak Number 2 Eucalyptol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.82 ng/ul	133284	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	83
2	Eucalyptol	154	C10H18O	000470-82-6	58
3	Eucalyptol	154	C10H18O	000470-82-6	55
4	Eucalyptol	154	C10H18O	000470-82-6	55
5	1-Methylbicyclo[2.2.1]heptan-exo...	126	C8H14O	1000138-89-9	38





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Quant Title : SVOA CALIBRATION

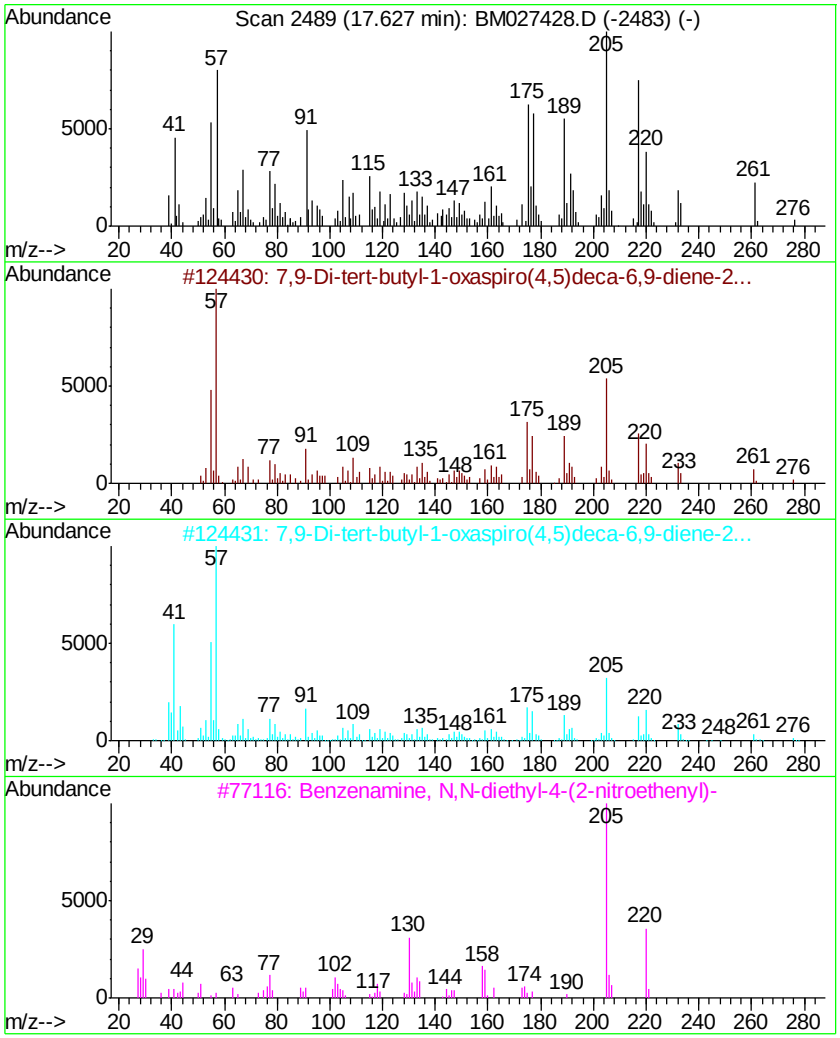
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

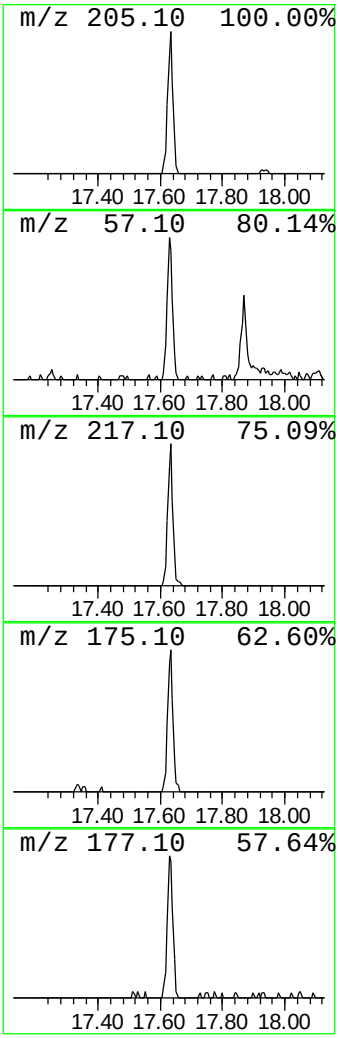
****

Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.23 ng/ul	180438	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
3	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	51
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	30





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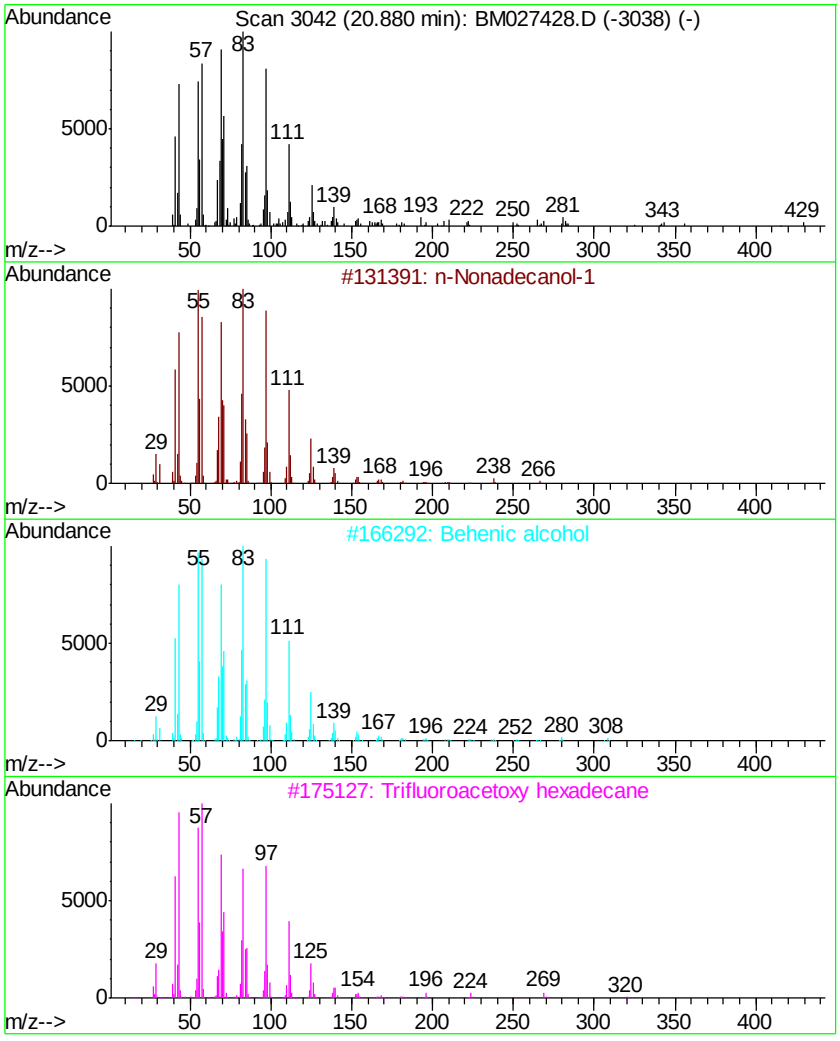
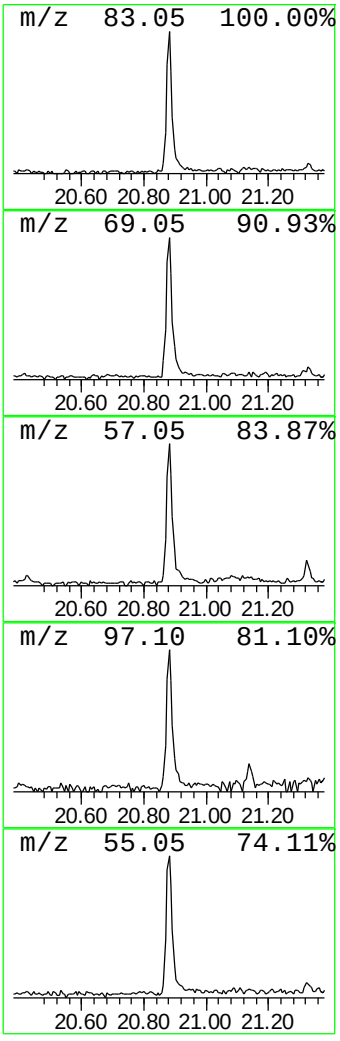
****

Peak Number 4 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.23 ng/ul	210147	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.63	2.2	ng/ul	105582	1	7.56	945473	20.0
Eucalyptol	7.86	2.8	ng/ul	133284	1	7.56	945473	20.0
7,9-Di-tert-butyl...	17.63	2.2	ng/ul	180438	4	16.95	1614910	20.0
n-Nonadecanol-1	20.88	2.2	ng/ul	210147	5	21.14	1882800	20.0