LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022769.D
Acq On : 1 Jul 2016 22:26
Operator : UM/SJ
Sample : H3811-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW7

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.684	142	144	148	rVB5	11040	13294	0.33%	0.025%
2	3.831	165	169	172	rBV4	12188	19660	0.48%	0.037%
3	4.677	309	313	315	rBV4	5172	8017	0.20%	0.015%
4	4.936	354	357	360	rBV	7143	7257	0.18%	0.014%
5	5.682	483	484	487	rBV3	8139	7622	0.19%	0.014%
6	5.946	526	529	533	rBV4	4732	8605	0.21%	0.016%
7	6.058	546	548	552	rBV2	5674	7143	0.18%	0.013%
8	6.170	563	567	569	rVB4	6741	8012	0.20%	0.015%
9	6.217	569	575	578	rBV5	14878	26351	0.65%	0.049%
10	6.252	578	581	583	rVB4	9406	7935	0.20%	0.015%
11	6.534	625	629	630	rBV4	5084	7519	0.19%	0.014%
12	6.734	661	663	666	rBV3	5571	7089	0.17%	0.013%
13	6.781	666	671	674	rVB5	9085	14502	0.36%	0.027%
14	7.116	723	728	729	rBV5	6605	9325	0.23%	0.017%
15	7.310	754	761	772	rBV	545362	1070595	26.35%	2.006%
16	7.480	783	790	802	rVB	392346	685542	16.87%	1.284%
17	7.691	819	826	835	rVB	528404	932085	22.94%	1.746%
18	7.762	835	838	844	rVB6	8620	14861	0.37%	0.028%
19	7.973	871	874	877	rBV4	7965	8130	0.20%	0.015%
20	8.161	899	906	916	rBV	631470	1168514	28.76%	2.189%
21	8.238	916	919	922	rVB4	6816	9071	0.22%	0.017%
22	8.267	922	924	928	rVB4	6586	7377	0.18%	0.014%
23	8.555	970	973	975	rBV3	6962	7535	0.19%	0.014%
24	8.867	1018	1026	1036	rBV	755108	1345316	33.11%	2.521%
25	8.990	1045	1047	1049	rBV3	7884	9940	0.24%	0.019%
26	9.331	1098	1105	1115	rBV	552205	1010699	24.87%	1.894%
27	9.425	1115	1121	1122	rBV4	13162	13958	0.34%	0.026%
28	9.478	1128	1130	1133	rVB3	6936	7627	0.19%	0.014%
29	9.671	1160	1163	1166	rVB5	8311	9279	0.23%	0.017%
30	9.718	1168	1171	1176	rVB5	21012	28711	0.71%	0.054%
31	9.983	1212	1216	1217	rBV4	6817	8762	0.22%	0.016%
32	10.059	1220	1229	1238	rVB	502715	925503	22.78%	1.734%
33	10.188	1248	1251	1260	rBV7	14010	29081	0.72%	0.054%
34	10.406	1285	1288	1292	rVB4	6924	10863	0.27%	0.020%

LSC Area Percent Report

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Sample : H3811-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW7

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

35	10.600	1313	1321	1331	rBV	765993	1452346	35.74%	2.721%
36	10.988	1379	1387	1396	rBV	971008	1740684	42.84%	3.261%
37	11.123	1399	1410	1418	rBV2	441097	847951	20.87%	1.589%
38	11.381	1451	1454	1457	rBV3	8239	10470	0.26%	0.020%
39	11.487	1468	1472	1475	rBV2	5239	8747	0.22%	0.016%
40	11.569	1483	1486	1493	rBV6	6256	10155	0.25%	0.019%
41	11.740	1511	1515	1516	rBV3	9450	9182	0.23%	0.017%
42	12.274	1602	1606	1610	rVV5	5842	9645	0.24%	0.018%
43	12.562	1651	1655	1659	rVB6	14321	21004	0.52%	0.039%
44	12.780	1687	1692	1696	rVB7	6764	13290	0.33%	0.025%
45	12.844	1701	1703	1706	rVB3	6568	7841	0.19%	0.015%
46	13.062	1737	1740	1743	rBV4	9082	10162	0.25%	0.019%
47	13.097	1743	1746	1749	rBV4	8574	9292	0.23%	0.017%
48	13.150	1751	1755	1761	rVB4	13085	23698	0.58%	0.044%
49	13.397	1793	1797	1802	rBV5	13126	18953	0.47%	0.036%
50	13.602	1830	1832	1837	rVB3	9512	11433	0.28%	0.021%
51	13.673	1841	1844	1848	rVV5	11746	16169	0.40%	0.030%
52	13.720	1848	1852	1857	rVV6	11297	16735	0.41%	0.031%
53	13.966	1889	1894	1896	rVB4	10815	16351	0.40%	0.031%
54	14.066	1906	1911	1913	rBV5	8322	11414	0.28%	0.021%
55	14.119	1917	1920	1926	rVB6	14127	24315	0.60%	0.046%
56	14.196	1926	1933	1938	rBV	1572301	2270827	55.88%	4.255%
57	14.243	1938	1941	1948	rVV	440881	614852	15.13%	1.152%
58	14.319	1952	1954	1958	rVB5	9392	11283	0.28%	0.021%
59	14.425	1969	1972	1973	rBV2	7524	7536	0.19%	0.014%
60	14.495	1977	1984	1991	rVV	1545507	2441331	60.08%	4.574%
61	14.671	2011	2014	2021	rVB4	26307	35062	0.86%	0.066%
62	14.801	2028	2036	2044	rBV2	1687468	2794359	68.77%	5.236%
63	14.995	2063	2069	2080	rBV	645340	1047073	25.77%	1.962%
64	15.283	2116	2118	2123	rBV5	8198	11589	0.29%	0.022%
65	15.359	2125	2131	2132	rBV5	8472	11985	0.29%	0.022%
66	15.412	2136	2140	2144	rVB5	11009	15259	0.38%	0.029%
67	15.576	2165	2168	2171	rBV4	14278	20969	0.52%	0.039%
68	15.623	2173	2176	2180	rVB3	34115	44761	1.10%	0.084%
69	15.794	2194	2205	2213	rBV	2124733	3359896	82.68%	6.295%
70	15.899	2217	2223	2232	rVB	709642	1079302	26.56%	2.022%
71	16.005	2238	2241	2242	rBV3	11946	10441	0.26%	0.020%

LSC Area Percent Report

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Instrument : BNA_G
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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
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

72	16.035	2242	2246	2249	rVB5	36423	55220	1.36%	0.103%
73	16.223	2276	2278	2280	rBV3	6896	8021	0.20%	0.015%
74	16.246	2280	2282	2284	rVV3	12291	10171	0.25%	0.019%
75	16.293	2288	2290	2293	rBV4	8634	8816	0.22%	0.017%
76	16.358	2299	2301	2303	rBV3	11926	13074	0.32%	0.024%
77	16.481	2319	2322	2326	rBV2	40119	63933	1.57%	0.120%
78	16.675	2352	2355	2361	rBV7	33041	51858	1.28%	0.097%
79	16.828	2379	2381	2384	rBV3	15813	17694	0.44%	0.033%
80	17.057	2418	2420	2424	rBV5	19258	25187	0.62%	0.047%
81	17.280	2454	2458	2461	rBV	138649	168232	4.14%	0.315%
82	17.556	2498	2505	2515	rBV2	2153671	3527455	86.81%	6.609%
83	17.650	2515	2521	2528	rVB	2067008	3306907	81.38%	6.196%
84	17.827	2548	2551	2553	rBV4	29153	26780	0.66%	0.050%
85	18.020	2581	2584	2588	rBV3	99593	113710	2.80%	0.213%
86	18.156	2602	2607	2611	rBV3	44843	77780	1.91%	0.146%
87	18.420	2647	2652	2659	rBV2	393659	527812	12.99%	0.989%
88	18.878	2727	2730	2734	rBV3	39851	64335	1.58%	0.121%
89	19.342	2805	2809	2813	rVB2	80581	106880	2.63%	0.200%
90	19.572	2845	2848	2850	rBV2	46846	54580	1.34%	0.102%
91	19.683	2864	2867	2874	rBV4	112316	145063	3.57%	0.272%
92	19.936	2903	2910	2918	rBV2	2581674	4063534	100.00%	7.614%
93	20.412	2988	2991	2993	rBV3	96765	112853	2.78%	0.211%
94	20.441	2993	2996	3002	rVB2	181688	234419	5.77%	0.439%
95	21.458	3165	3169	3178	rBV	730792	1235908	30.41%	2.316%
96	21.857	3230	3237	3247	rBV	2335076	4038907	99.39%	7.568%
97	22.691	3372	3379	3391	rBV4	537919	1361899	33.52%	2.552%
98	24.237	3636	3642	3649	rVB	567197	1146119	28.20%	2.147%
99	24.995	3763	3771	3782	rVB3	1219743	3380101	83.18%	6.333%
100	25.230	3802	3811	3825	rVB2	1336523	3901452	96.01%	7.310%

Sum of corrected areas: 53370842

LSC Report - Integrated Chromatogram

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Data File : BG022769.D
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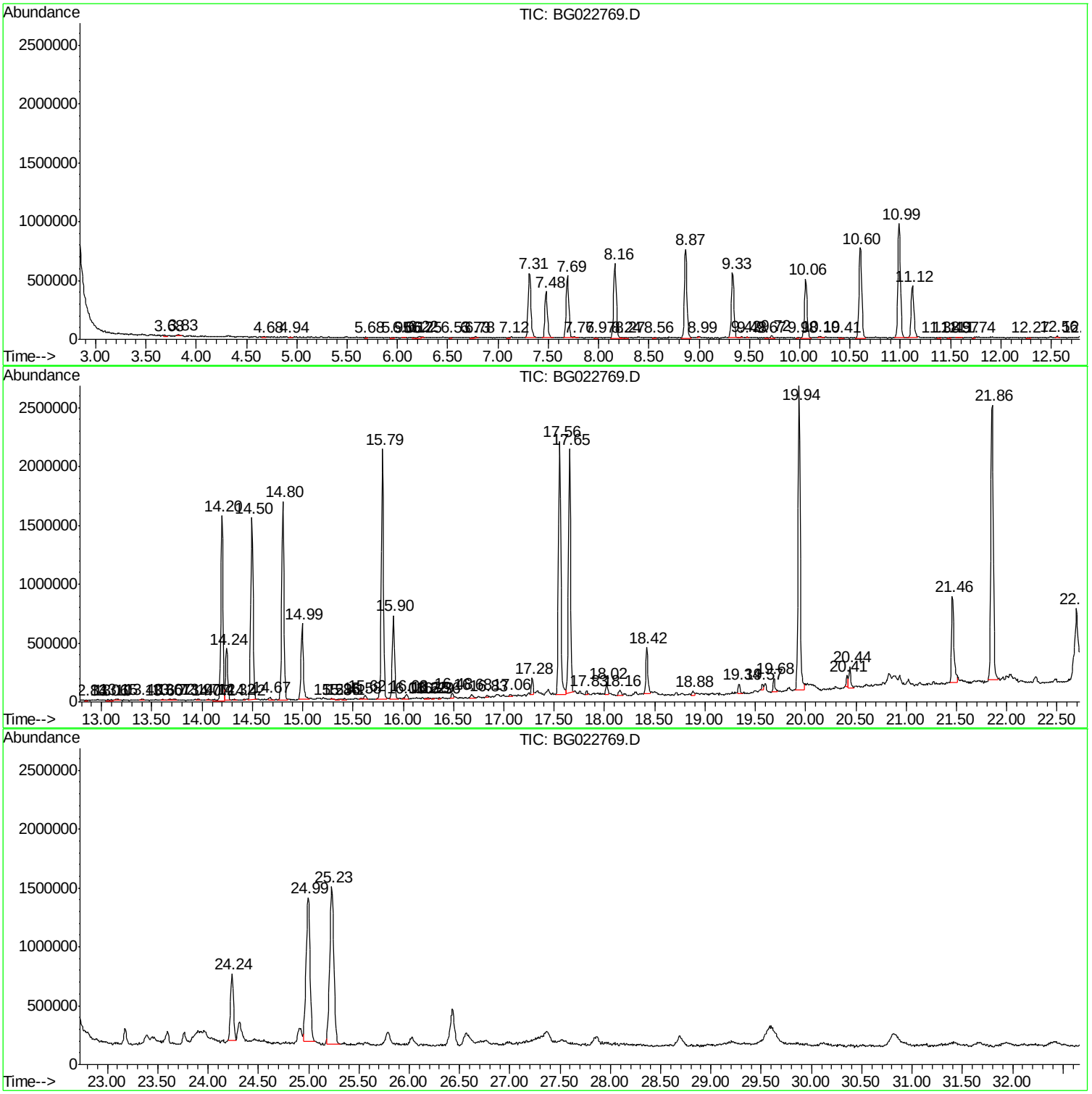
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

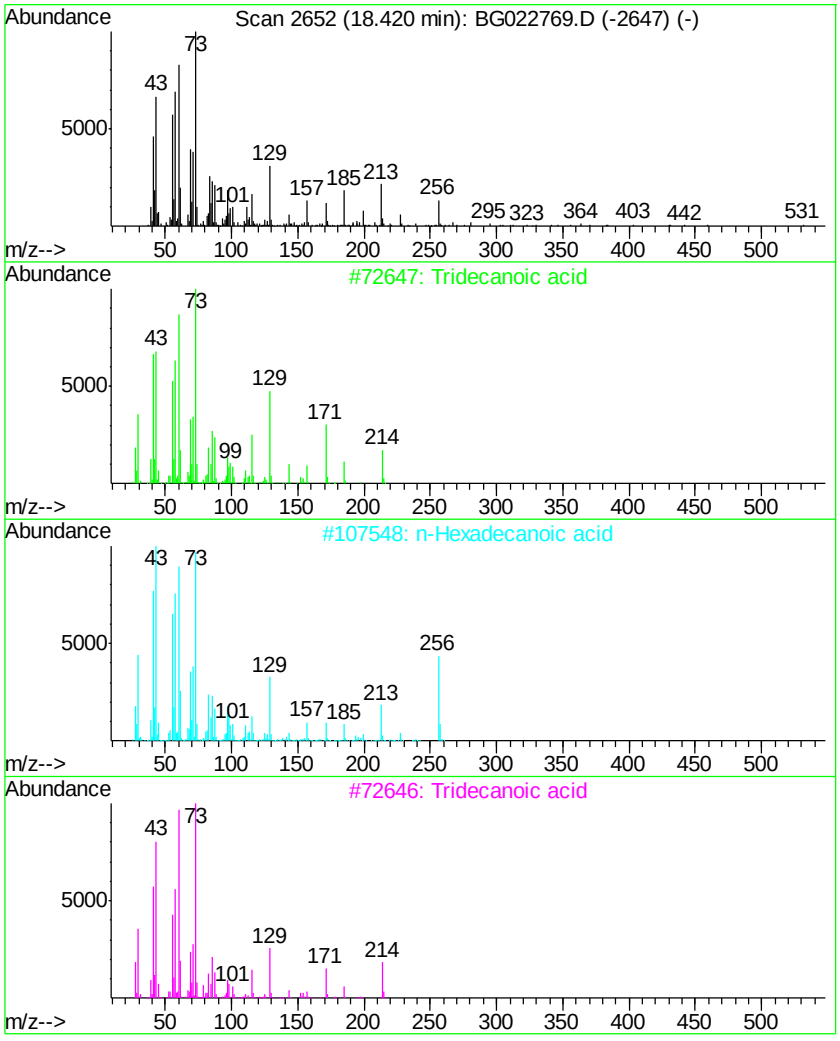
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

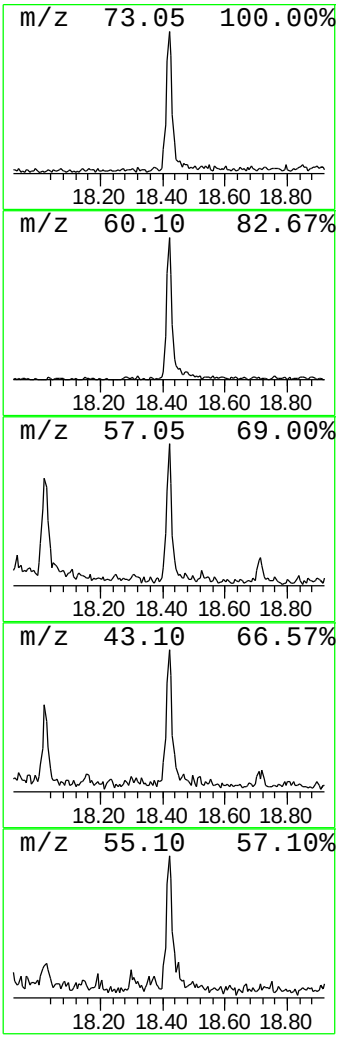
****

Peak Number 1 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.99 ng/ul	527812	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





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Sample : H3811-19
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

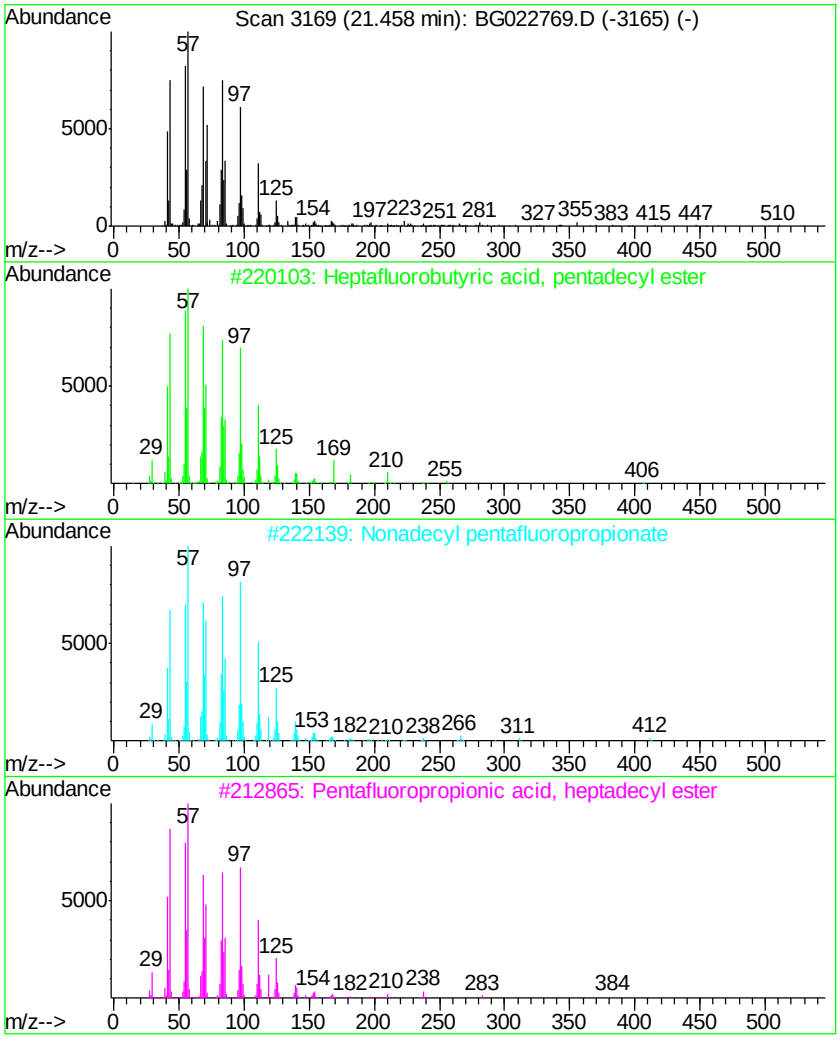
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

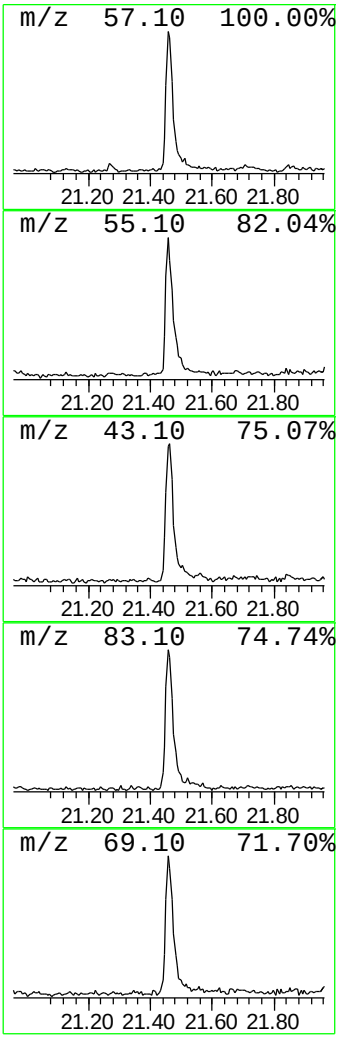
****

Peak Number 2 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	6.12 ng/ul	1235910	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
4	Cyclotetracosane	336	C24H48	000297-03-0	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





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Instrument : BNA_G
ClientSampleId : A4TW7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

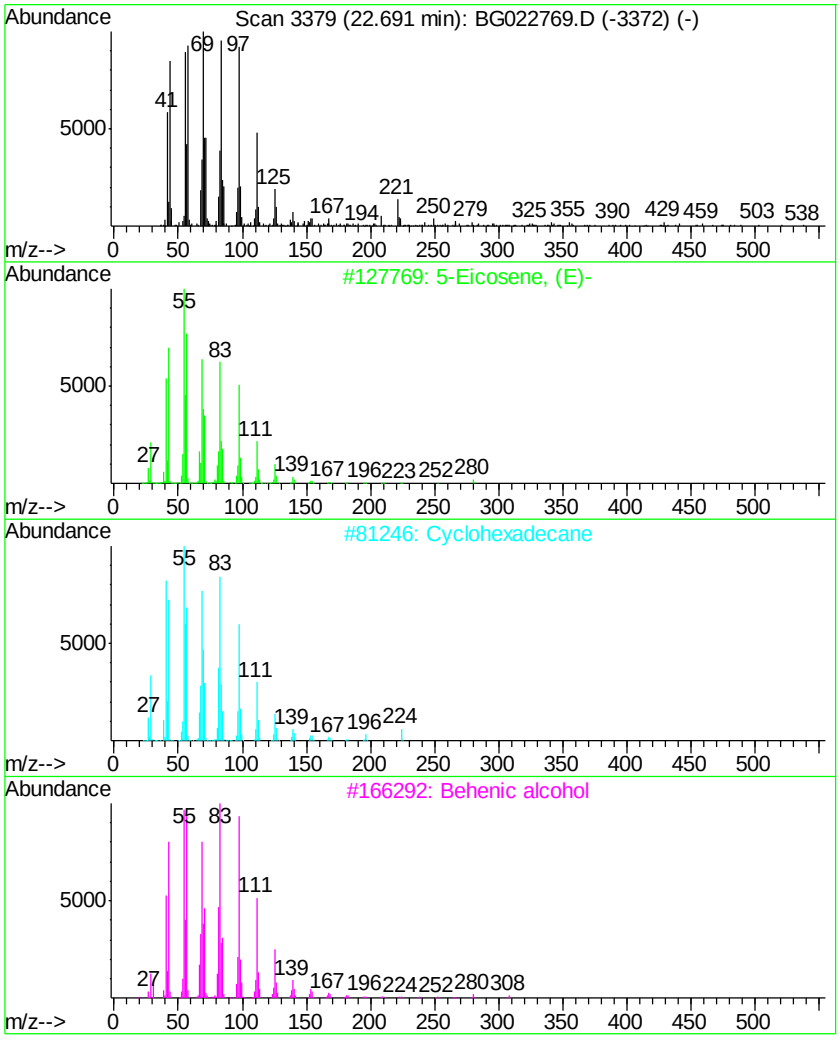
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

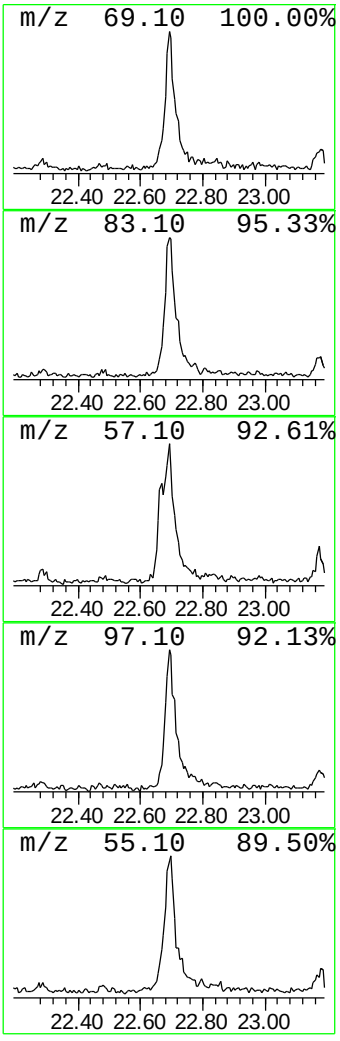
****

Peak Number 3 (DEL) Alkane: Cyclic22.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	6.74 ng/ul	1361900	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	Fumaric acid, 2-chloroethyl hexa...	402	C22H39ClO4	1000330-62-2	87





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

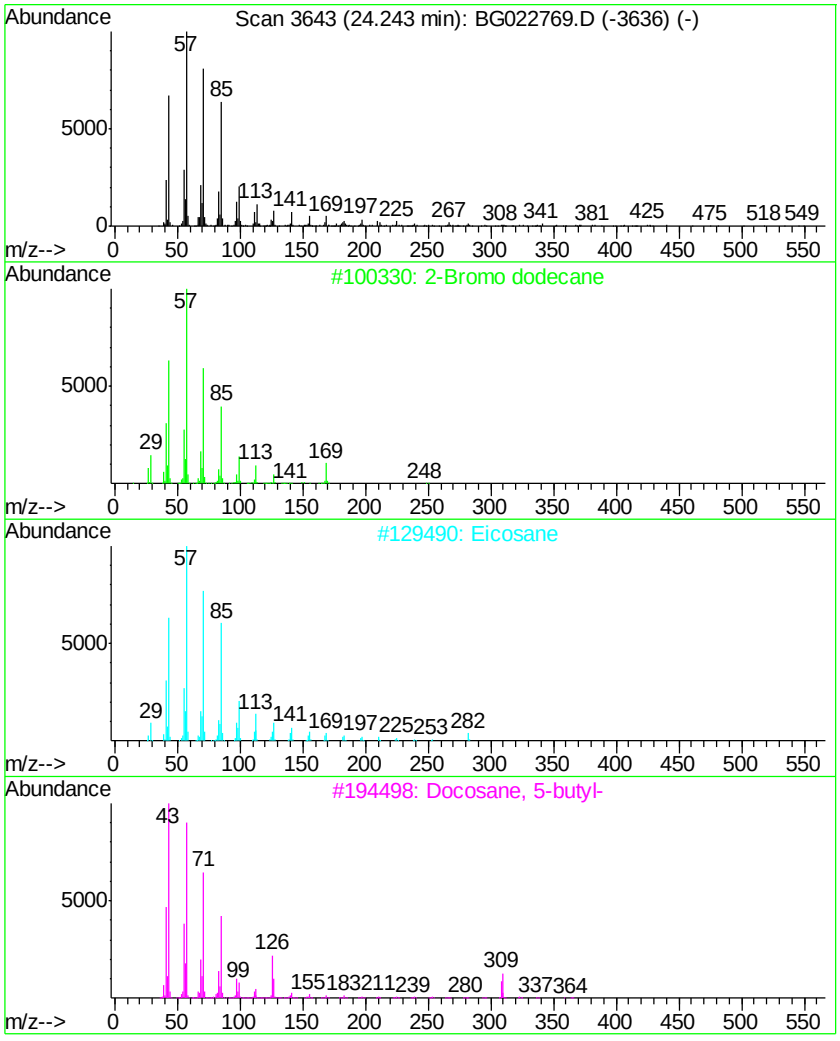
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

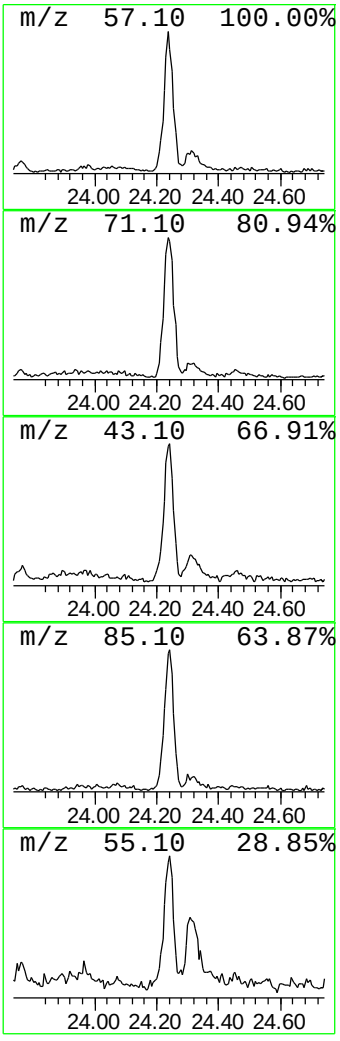
****

Peak Number 4 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	5.88 ng/ul	1146120	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : A4TW7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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
Tridecanoic acid	18.42	3.0	ng/ul	527812	4	17.56	3527460	20.0
Heptafluorobutyri...	21.46	6.1	ng/ul	1235910	5	21.86	4038910	20.0
(DEL) Alkane: Cyc...	22.69	6.7	ng/ul	1361900	5	21.86	4038910	20.0
2-Bromo dodecane	24.24	5.9	ng/ul	1146120	6	25.23	3901450	20.0