LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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	3.816	164	166	175	rVB3	20620	40155	0.92%	0.057%
2	4.662	308	310	315	rVB5	10910	13159	0.30%	0.019%
3	4.956	356	360	363	rVB6	8715	14259	0.33%	0.020%
4	5.455	437	445	450	rBV5	33673	73595	1.69%	0.104%
5	5.931	521	526	528	rBV5	9983	17874	0.41%	0.025%
6	6.201	566	572	578	rVB3	89866	163847	3.75%	0.232%
7	6.666	647	651	654	rBV6	7638	12660	0.29%	0.018%
8	6.830	673	679	684	rBV2	160799	248414	5.69%	0.351%
9	7.136	724	731	735	rVB7	27247	54469	1.25%	0.077%
10	7.312	753	761	775	rBV	519305	978118	22.40%	1.383%
11	7.476	781	789	799	rBV	339162	624887	14.31%	0.883%
12	7.594	803	809	817	rVB	246024	411887	9.43%	0.582%
13	7.688	817	825	834	rBV	493885	845609	19.36%	1.195%
14	8.158	898	905	913	rBV	519329	905587	20.74%	1.280%
15	8.381	938	943	944	rBV5	14886	21319	0.49%	0.030%
16	8.469	955	958	964	rVB8	15131	26604	0.61%	0.038%
17	8.816	1014	1017	1018	rBV3	12138	12517	0.29%	0.018%
18	8.863	1018	1025	1033	rVV	676207	1196999	27.41%	1.692%
19	8.986	1042	1046	1049	rBV5	8887	12236	0.28%	0.017%
20	9.333	1096	1105	1112	rBV	475097	904956	20.72%	1.279%
21	9.421	1117	1120	1126	rVV6	16919	27536	0.63%	0.039%
22	9.474	1126	1129	1135	rVB7	21919	31469	0.72%	0.044%
23	9.533	1135	1139	1141	rBV5	10063	11629	0.27%	0.016%
24	9.662	1155	1161	1165	rBV7	19140	37566	0.86%	0.053%
25	9.721	1166	1171	1173	rBV4	12352	17631	0.40%	0.025%
26	9.750	1173	1176	1179	rVB5	18988	23254	0.53%	0.033%
27	9.973	1211	1214	1217	rVV5	13888	18150	0.42%	0.026%
28	10.056	1220	1228	1238	rBV	454869	846458	19.38%	1.196%
29	10.208	1248	1254	1260	rVV2	81074	164755	3.77%	0.233%
30	10.285	1261	1267	1275	rVB9	57637	114538	2.62%	0.162%
31	10.602	1312	1321	1328	rBV	733439	1326664	30.38%	1.875%
32	10.767	1343	1349	1355	rBV6	29766	71910	1.65%	0.102%
33	10.908	1371	1373	1378	rVB6	9444	13395	0.31%	0.019%
34	10.990	1378	1387	1394	rBV	793382	1474306	33.76%	2.084%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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	11.072	1398	1401	1404	rVB5	10114	11935	0.27%	0.017%
36	11.284	1435	1437	1443	rVB6	14795	21406	0.49%	0.030%
37	11.883	1537	1539	1544	rVV5	22427	37353	0.86%	0.053%
38	11.995	1552	1558	1565	rBV6	37220	80926	1.85%	0.114%
39	12.194	1589	1592	1597	rBV7	12762	19315	0.44%	0.027%
40	12.318	1607	1613	1615	rBV6	10251	17283	0.40%	0.024%
41	12.565	1649	1655	1657	rBV5	16146	22623	0.52%	0.032%
42	12.847	1699	1703	1705	rBV4	10277	13133	0.30%	0.019%
43	12.952	1715	1721	1723	rBV6	16902	21765	0.50%	0.031%
44	13.152	1752	1755	1758	rVV4	18170	23360	0.53%	0.033%
45	13.246	1767	1771	1773	rVB4	13041	16294	0.37%	0.023%
46	13.393	1792	1796	1801	rBV4	47665	65288	1.49%	0.092%
47	13.540	1817	1821	1826	rBV6	28822	40308	0.92%	0.057%
48	13.675	1837	1844	1847	rBV8	35039	62991	1.44%	0.089%
49	13.716	1847	1851	1859	rVB3	55459	101107	2.32%	0.143%
50	13.904	1879	1883	1884	rBV4	25542	31946	0.73%	0.045%
51	13.933	1884	1888	1894	rVV3	34113	67860	1.55%	0.096%
52	14.121	1914	1920	1925	rBV8	117480	207944	4.76%	0.294%
53	14.198	1925	1933	1937	rVV	1316958	2009052	46.00%	2.840%
54	14.245	1937	1941	1948	rVB	433503	603598	13.82%	0.853%
55	14.310	1950	1952	1957	rVB5	23009	31111	0.71%	0.044%
56	14.374	1959	1963	1964	rBV4	18419	19441	0.45%	0.027%
57	14.498	1977	1984	1990	rBV	1356176	2198599	50.34%	3.108%
58	14.633	2004	2007	2011	rBV6	24146	38821	0.89%	0.055%
59	14.674	2011	2014	2019	rVB5	31759	43326	0.99%	0.061%
60	14.803	2030	2036	2043	rBV2	1474157	2367266	54.21%	3.346%
61	14.856	2043	2045	2051	rVB6	48341	89090	2.04%	0.126%
62	14.997	2062	2069	2075	rBV	568158	967522	22.15%	1.368%
63	15.191	2098	2102	2104	rBV5	15545	22443	0.51%	0.032%
64	15.590	2165	2170	2171	rBV3	35482	48090	1.10%	0.068%
65	15.720	2190	2192	2194	rBV3	15069	15543	0.36%	0.022%
66	15.796	2198	2205	2214	rVB	1810299	2846290	65.17%	4.023%
67	15.902	2218	2223	2229	rBV	568451	892818	20.44%	1.262%
68	16.031	2243	2245	2251	rVB7	44423	54063	1.24%	0.076%
69	16.107	2254	2258	2262	rBV7	18309	30206	0.69%	0.043%
70	16.483	2319	2322	2325	rBV3	51834	69702	1.60%	0.099%
71	16.677	2352	2355	2360	rVB2	75657	112446	2.57%	0.159%

LSC Area Percent Report

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Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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

72	16.924	2393	2397	2404	rBV10	68075	115157	2.64%	0.163%
73	16.995	2407	2409	2414	rBV6	29277	33589	0.77%	0.047%
74	17.247	2447	2452	2455	rBV2	188840	282293	6.46%	0.399%
75	17.277	2455	2457	2461	rVB3	145780	171984	3.94%	0.243%
76	17.418	2478	2481	2483	rBV3	63012	78024	1.79%	0.110%
77	17.553	2498	2504	2510	rBV2	1711282	2742553	62.80%	3.876%
78	17.653	2516	2521	2526	rBV2	1738364	2609722	59.76%	3.689%
79	18.164	2605	2608	2611	rVB3	130622	158628	3.63%	0.224%
80	18.422	2648	2652	2661	rVB	979222	1239125	28.37%	1.751%
81	18.716	2698	2702	2706	rBV5	174831	270219	6.19%	0.382%
82	19.333	2804	2807	2811	rBV	257316	336721	7.71%	0.476%
83	19.545	2840	2843	2844	rBV	235134	219979	5.04%	0.311%
84	19.574	2844	2848	2850	rVV2	333856	443873	10.16%	0.627%
85	19.686	2864	2867	2872	rBV2	377517	462351	10.59%	0.654%
86	19.932	2902	2909	2916	rBV	2060506	3735513	85.54%	5.280%
87	20.438	2992	2995	2998	rVB	718138	707233	16.19%	1.000%
88	20.914	3073	3076	3087	rVB5	705957	1472665	33.72%	2.082%
89	21.313	3141	3144	3154	rVB5	541316	870237	19.93%	1.230%
90	21.460	3165	3169	3182	rVB	2103300	3327467	76.19%	4.703%
91	21.854	3231	3236	3242	rVB2	2020097	3446792	78.93%	4.872%
92	22.283	3306	3309	3316	rVB2	414802	659922	15.11%	0.933%
93	22.664	3370	3374	3376	rBV	981498	1443268	33.05%	2.040%
94	23.757	3555	3560	3568	rVB2	1358666	2688971	61.57%	3.801%
95	24.233	3635	3641	3648	rVV	1186964	2577382	59.02%	3.643%
96	24.310	3648	3654	3668	rVB2	1050166	2849073	65.24%	4.027%
97	25.226	3806	3810	3822	rVB2	1047064	2813781	64.43%	3.977%
98	25.784	3898	3905	3914	rVB4	1253260	3488322	79.88%	4.931%
99	26.425	4007	4014	4026	rVB3	984138	3057054	70.00%	4.321%
100	26.566	4031	4038	4057	rVB2	1297831	4367163	100.00%	6.173%

Sum of corrected areas: 70749737

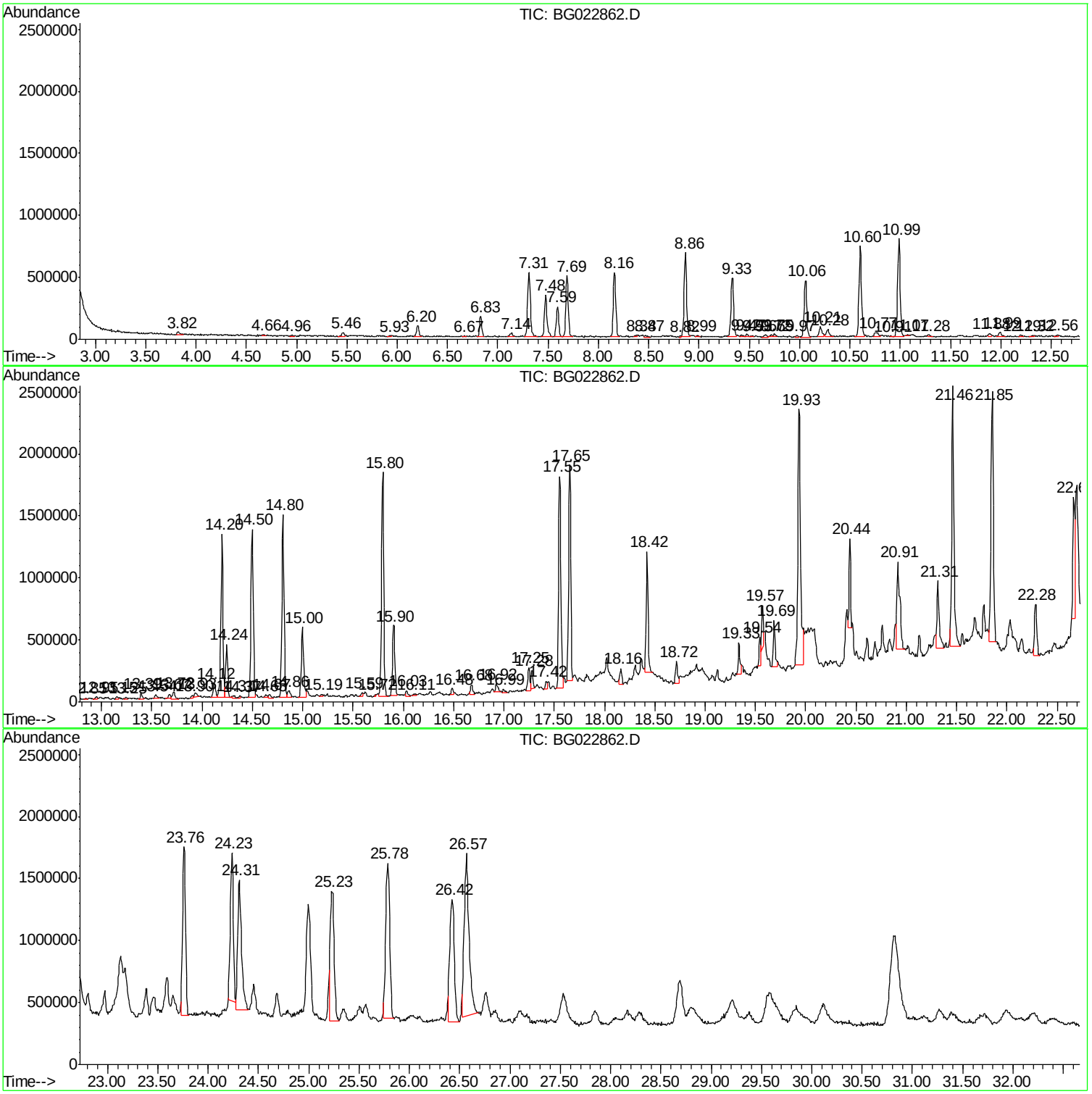
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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

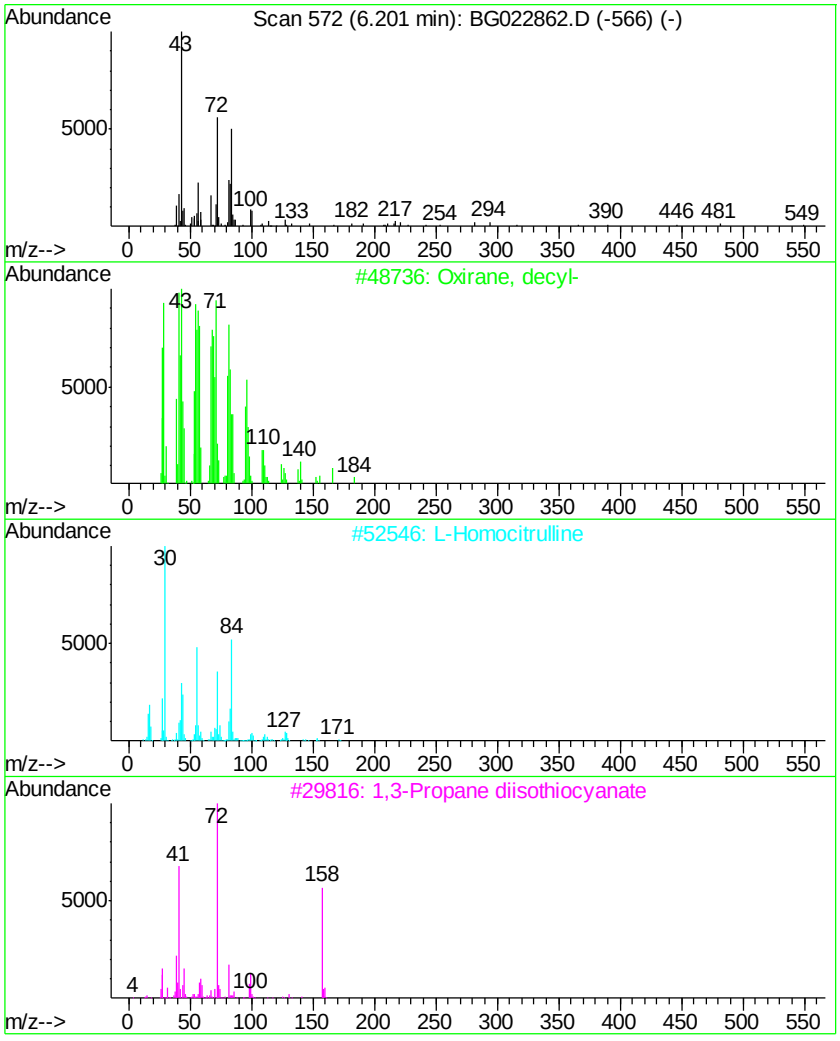
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

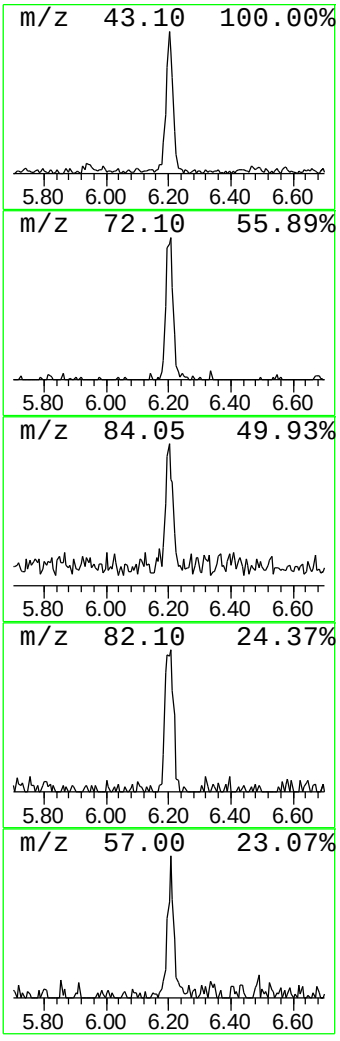
****

Peak Number 1 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	3.62 ng/ul	163847	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, decyl-	184	C12H24O	002855-19-8	38
2	L-Homocitrulline	189	C7H15N3O3	001190-49-4	32
3	1,3-Propane diisothiocyanate	158	C5H6N2S2	052714-52-0	22
4	2,6-dichlorobenzaldehyde 4-[2-Me...	332	C13H18Cl2N4S	070619-32-8	14
5	2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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

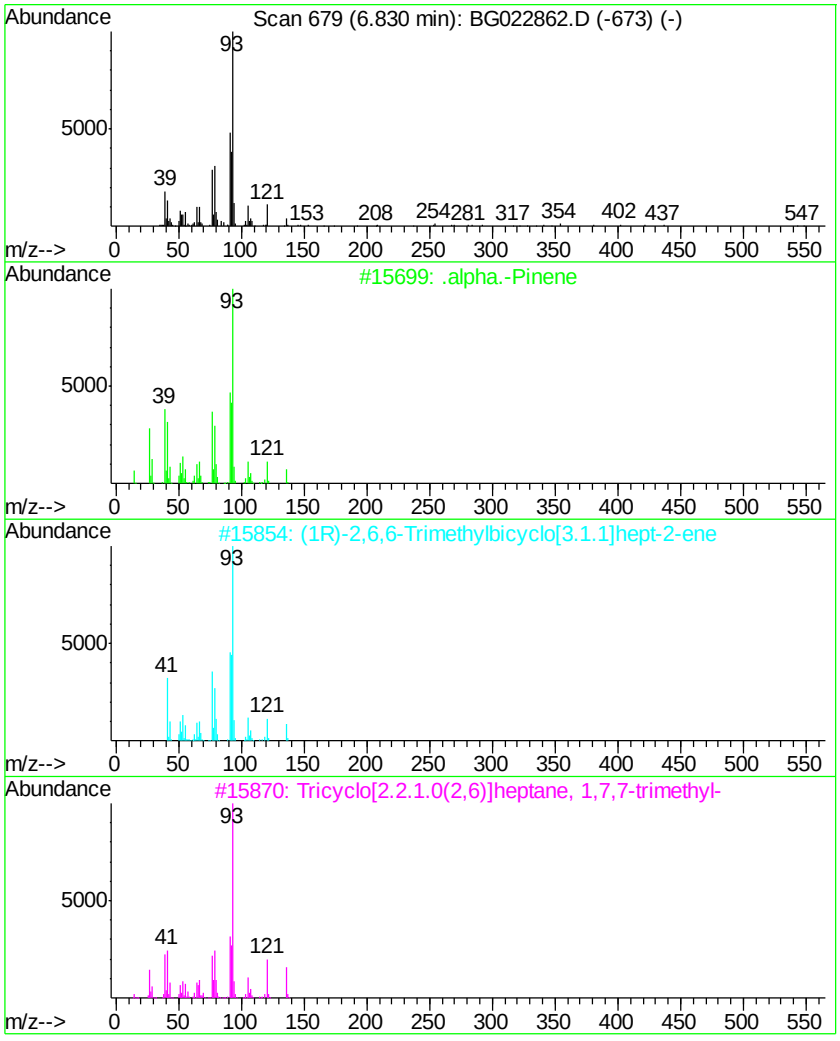
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

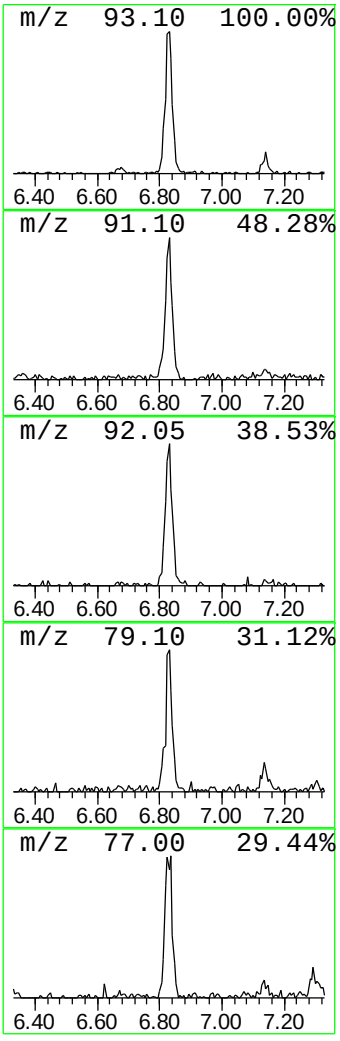
****

Peak Number 2 .alpha.-Pinene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	5.49 ng/ul	248414	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
5	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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

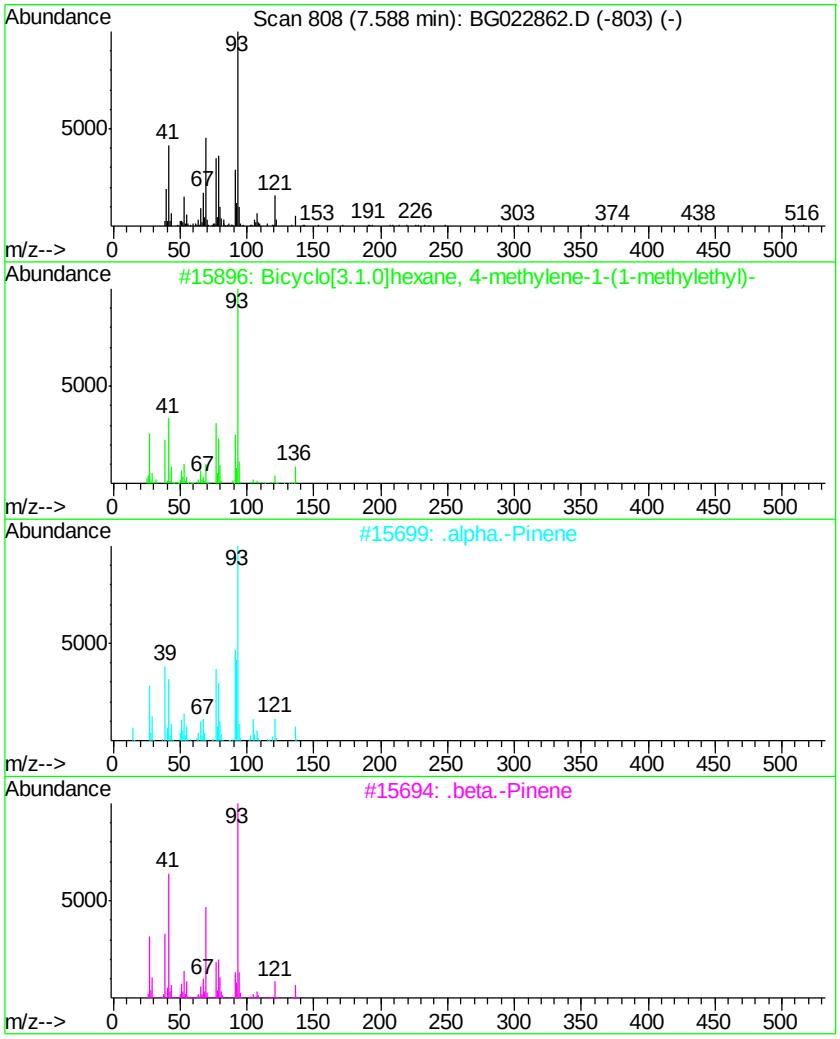
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

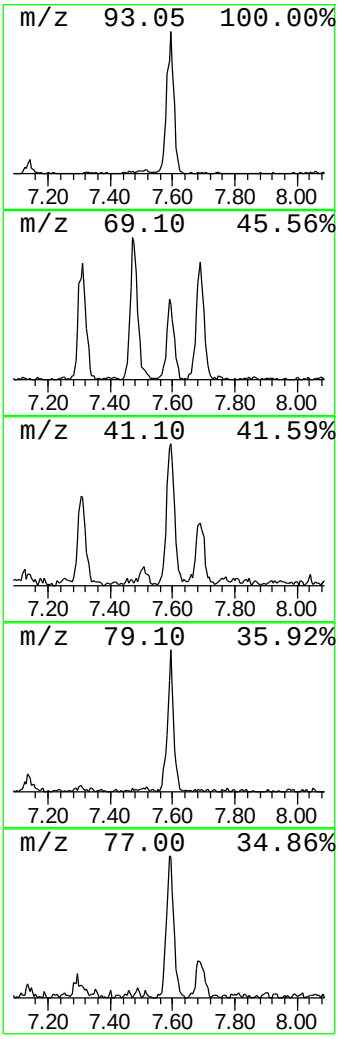
****

Peak Number 3 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	9.10 ng/ul	411887	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	86
2	.alpha.-Pinene	136	C10H16	000080-56-8	86
3	.beta.-Pinene	136	C10H16	000127-91-3	81
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	78
5	.beta.-Pinene	136	C10H16	000127-91-3	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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

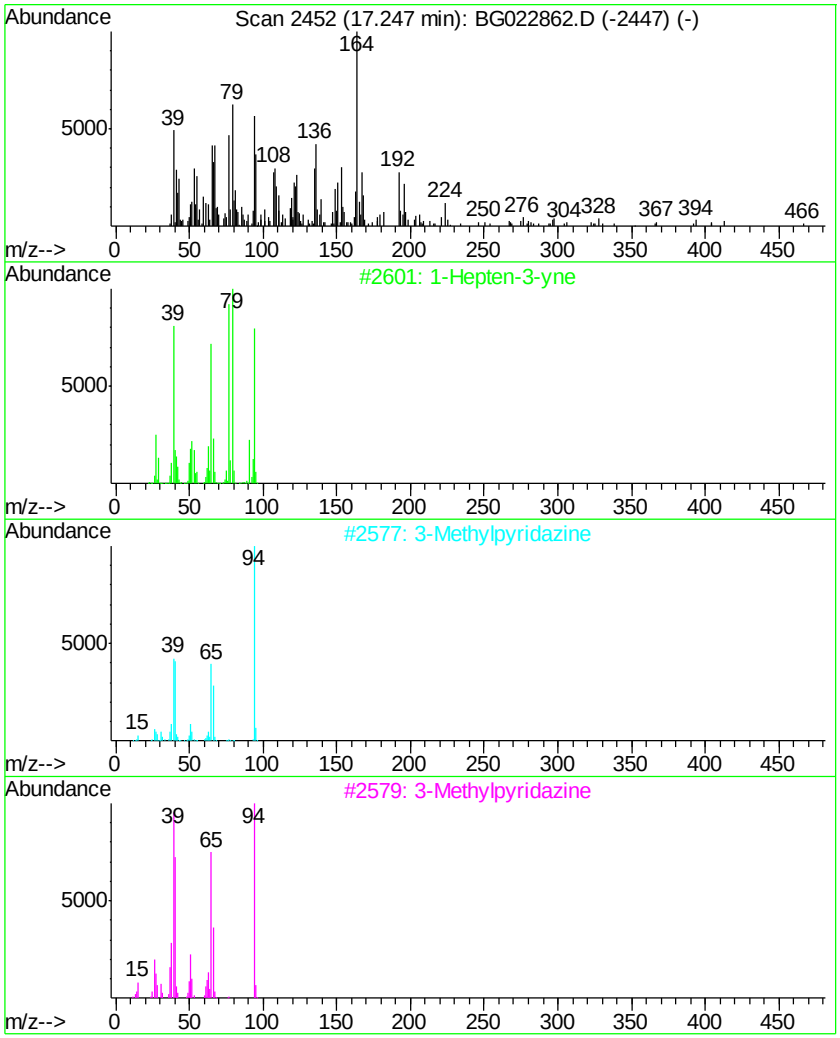
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

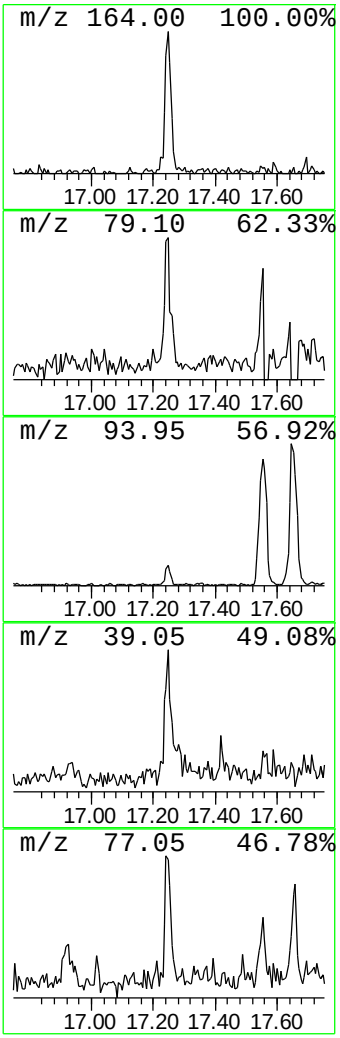
****

Peak Number 5 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	2.06 ng/ul	282293	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hepten-3-yne	94	C7H10	002384-73-8	46
2	3-Methylpyridazine	94	C5H6N2	001632-76-4	46
3	3-Methylpyridazine	94	C5H6N2	001632-76-4	38
4	1-Octen-3-yne	108	C8H12	017679-92-4	38
5	3-Amino-5,6-dimethyl-4-oxypyrazi...	164	C7H8N4O	1000191-37-2	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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

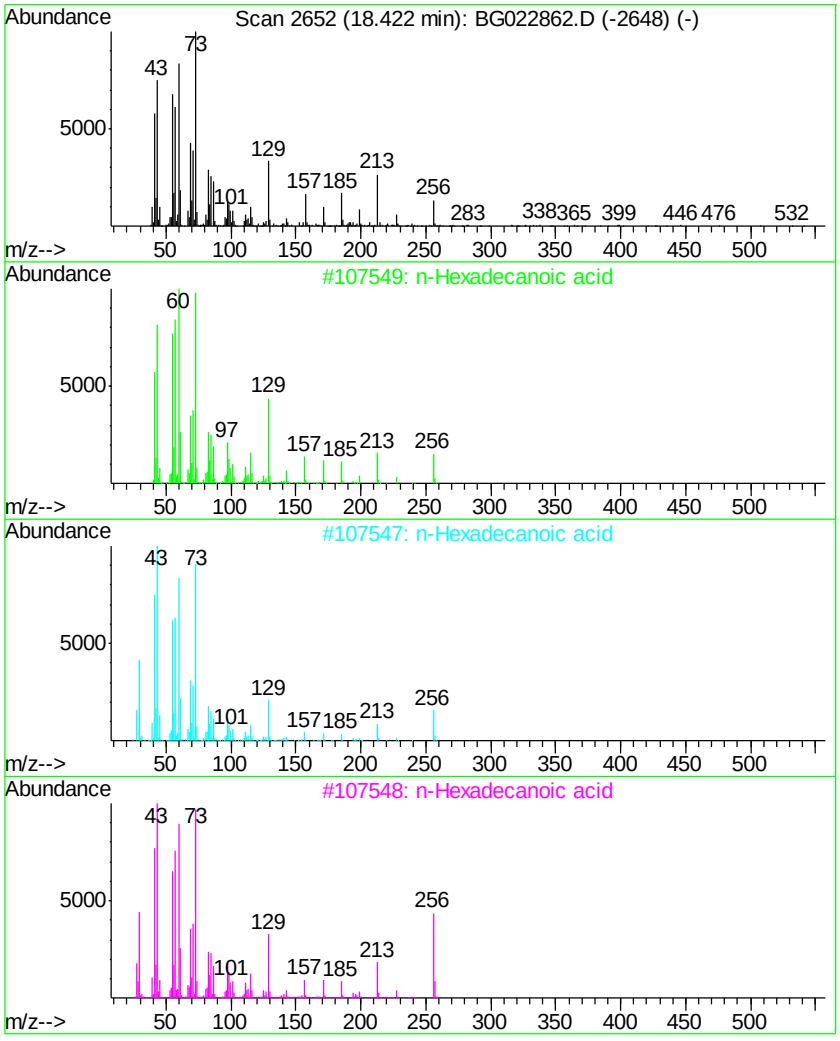
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

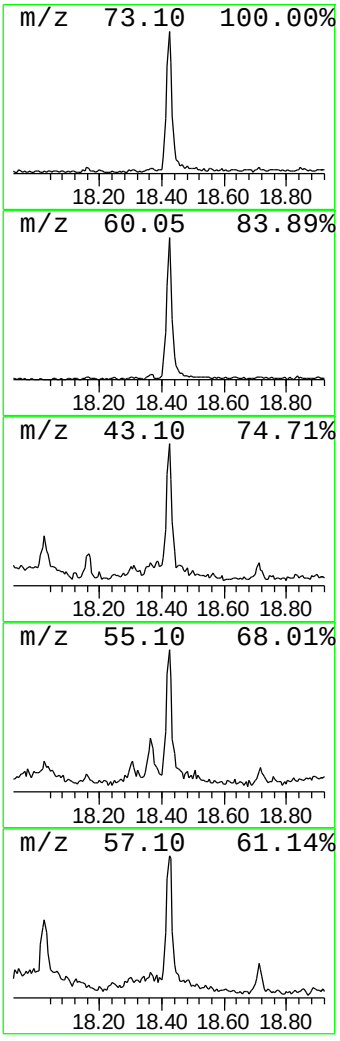
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	9.04 ng/ul	1239130	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
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Instrument : BNA_G
ClientSampleId : A4TX1

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Quant Title : SVOA CALIBRATION

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

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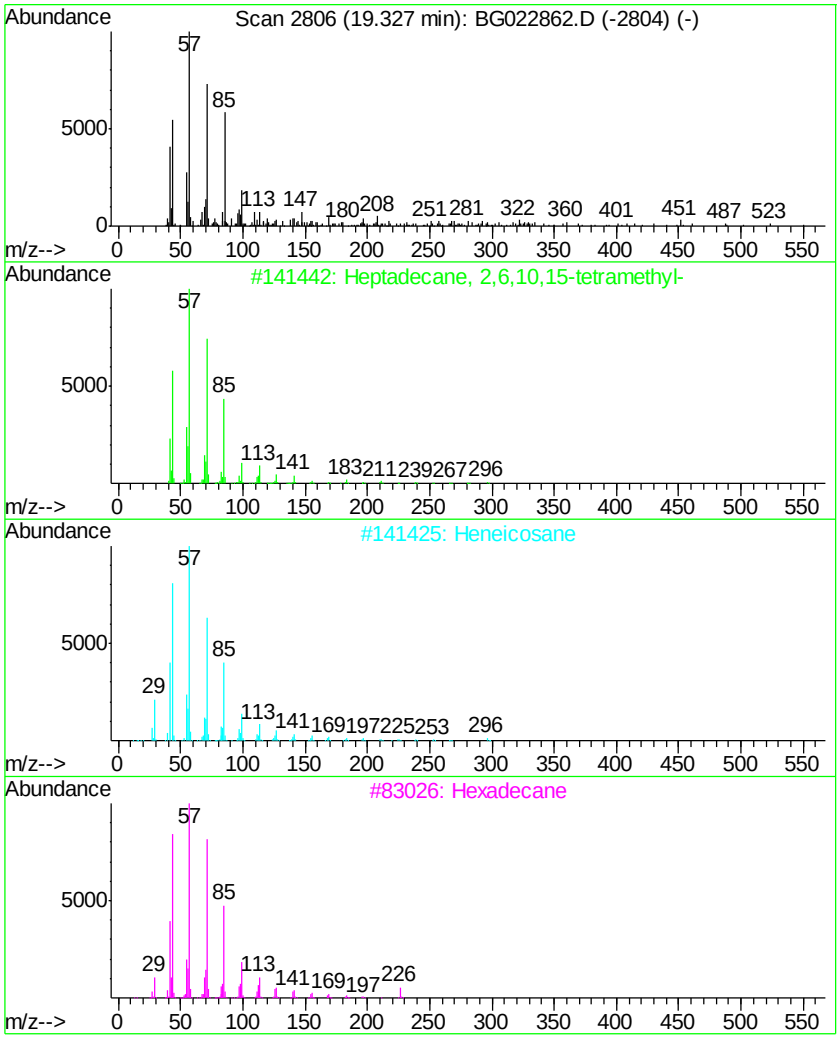
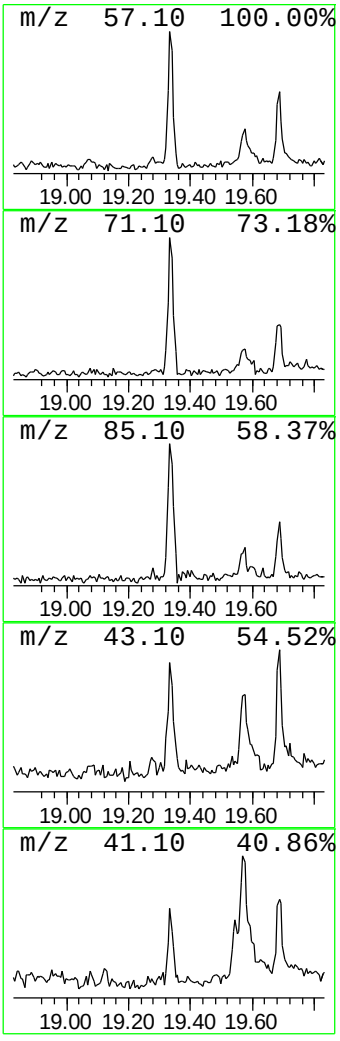
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.46 ng/ul	336721	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	90
5	Nonadecane	268	C19H40	000629-92-5	87





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Instrument : BNA_G
ClientSampleId : A4TX1

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Quant Title : SVOA CALIBRATION

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

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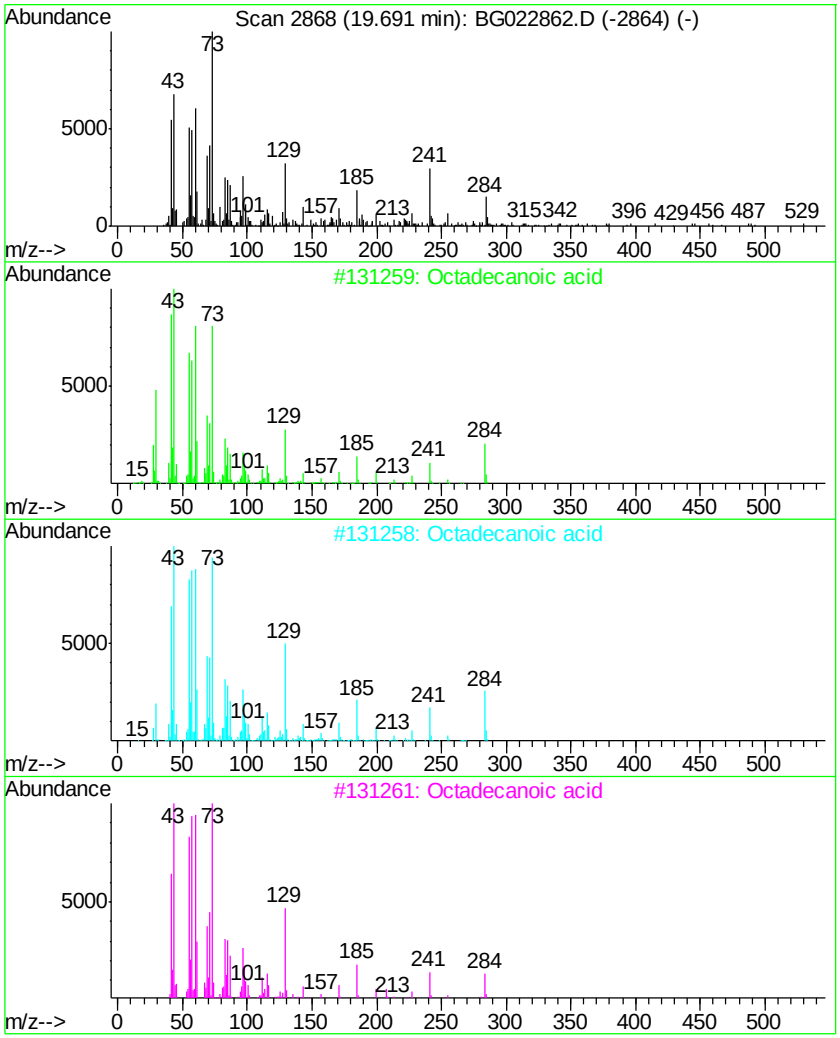
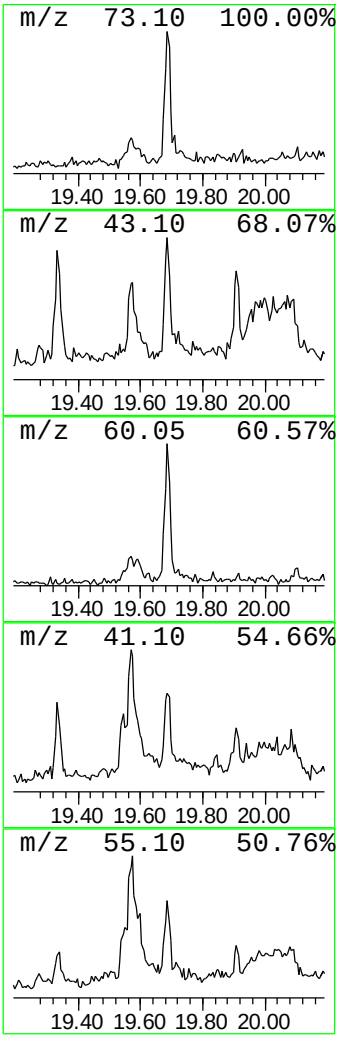
Peak Number 8 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.37 ng/ul	462351	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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ClientSampleId : A4TX1

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Quant Title : SVOA CALIBRATION

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

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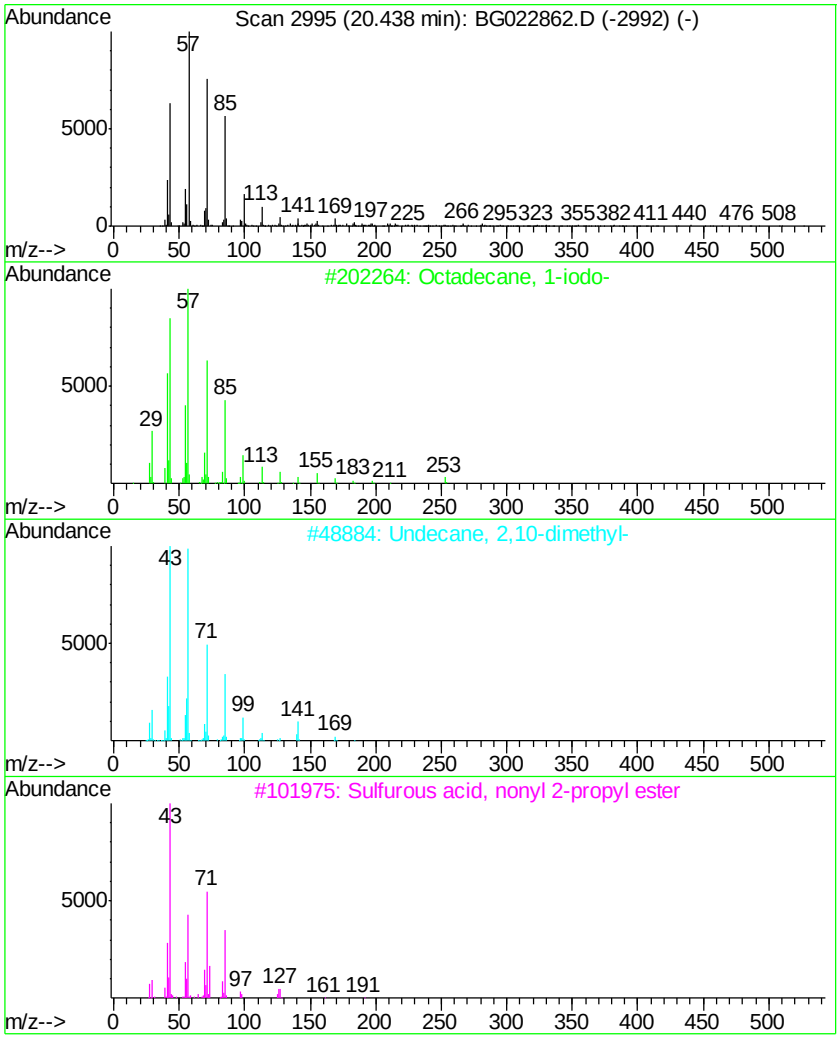
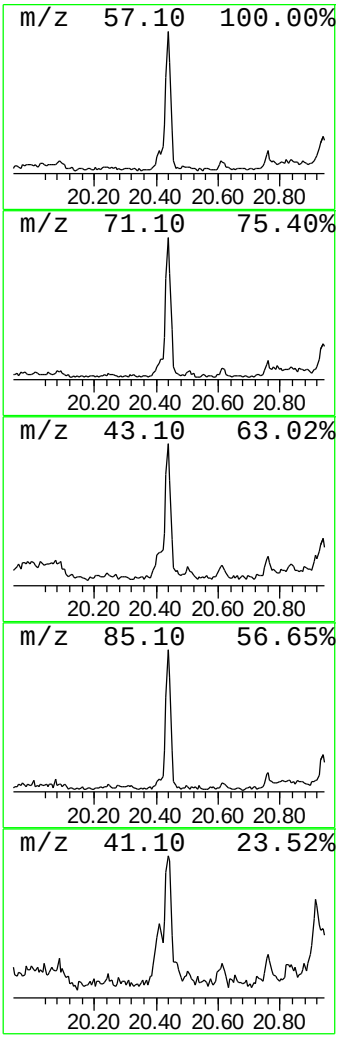
Peak Number 9 Octadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.10 ng/ul	707233	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	74
3	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64





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Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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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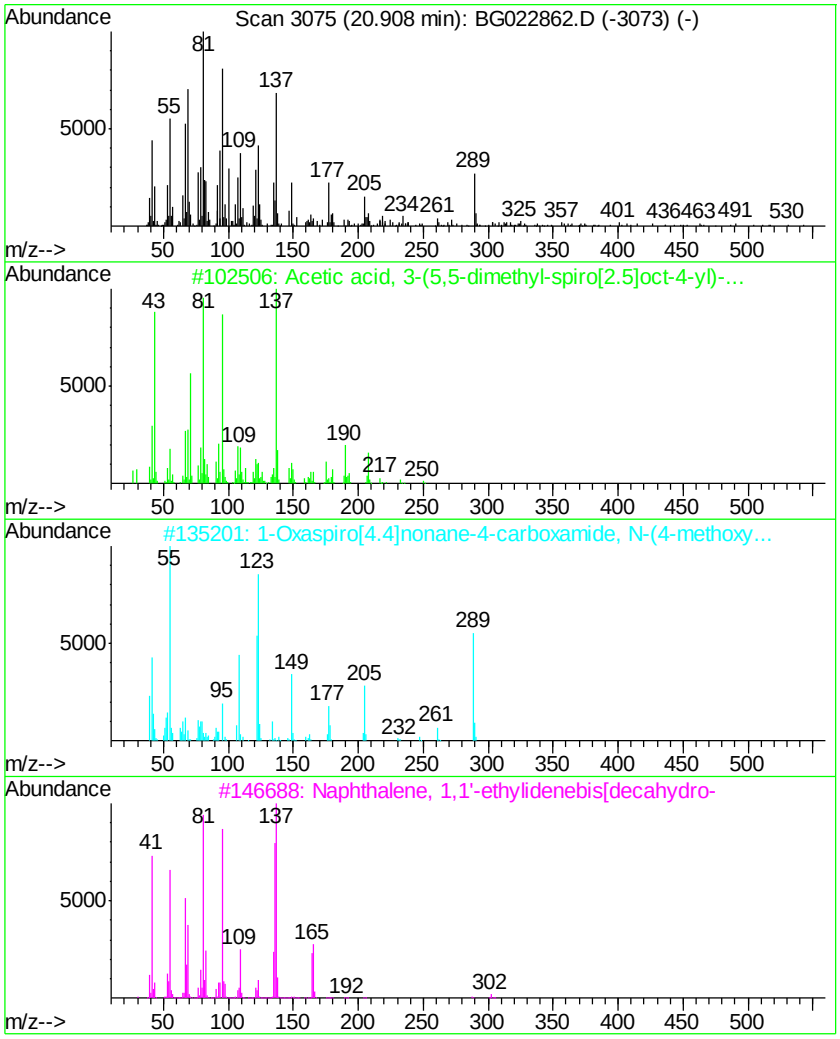
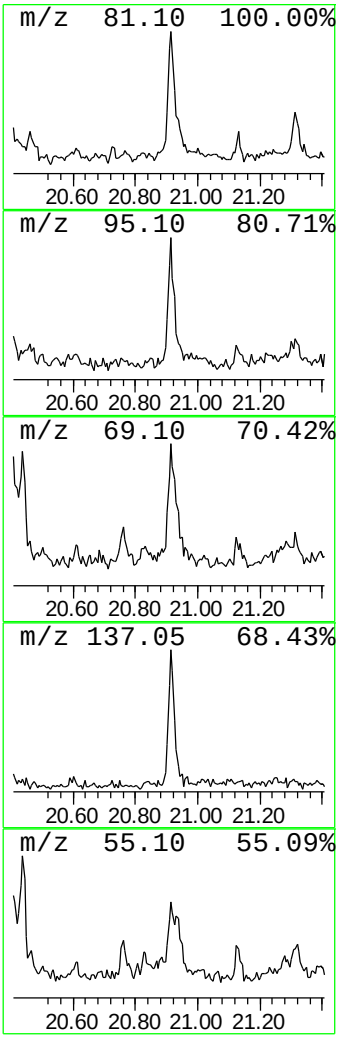
Peak Number 10 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	8.55 ng/ul	1472670	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-(5,5-dimethyl-spi...	250	C16H26O2	077143-33-0	46
2	1-Oxaspiro[4.4]nonane-4-carboxam...	289	C16H19NO4	1000319-96-8	44
3	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	43
4	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
5	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	38





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Instrument : BNA_G
ClientSampleId : A4TX1

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Quant Title : SVOA CALIBRATION

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

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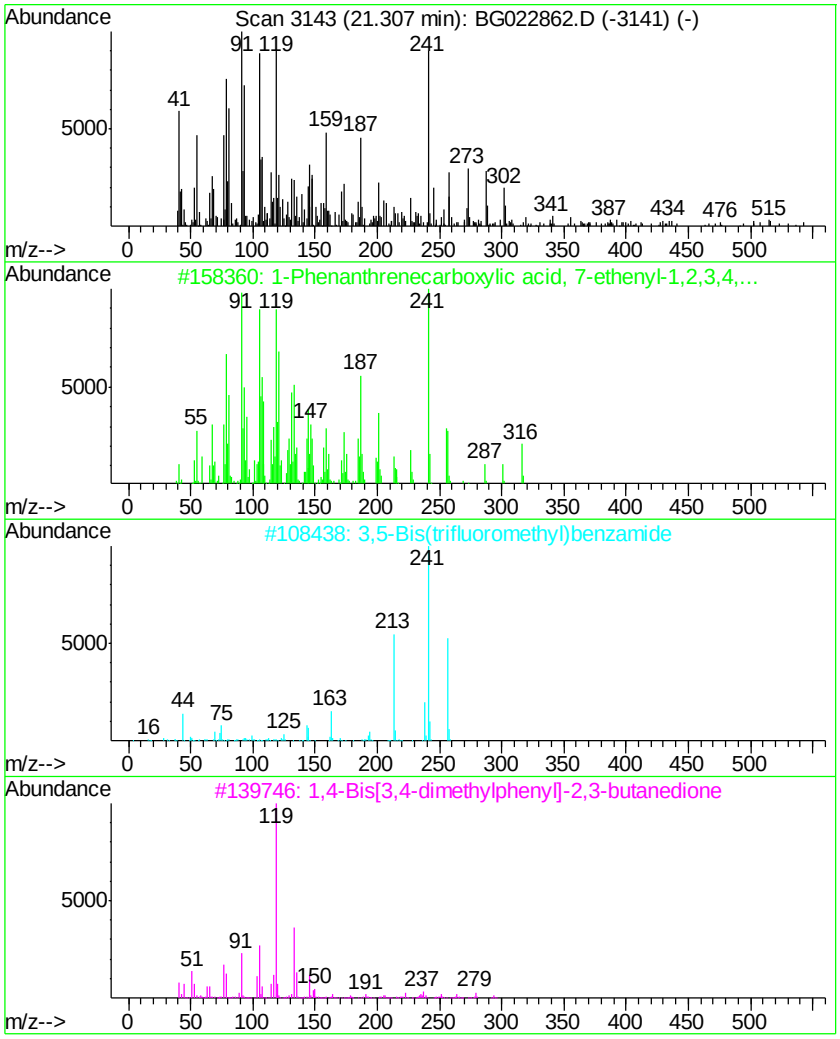
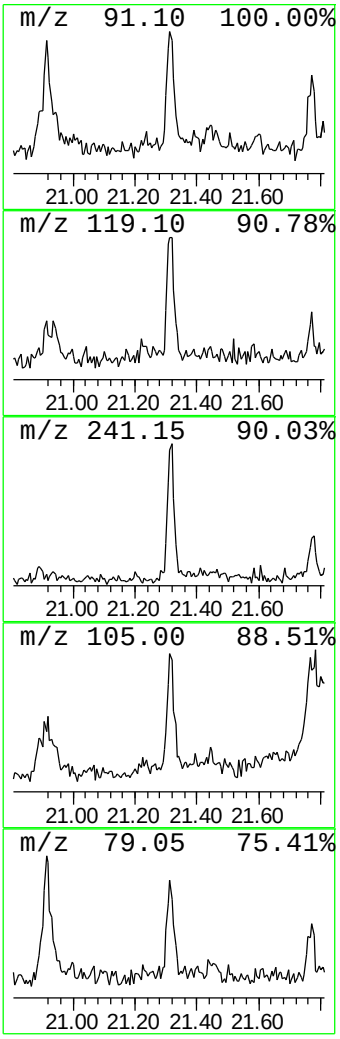
Peak Number 11 1-Phenanthrenecarboxylic ac... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	5.05 ng/ul	870237	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	50
2	3,5-Bis(trifluoromethyl)benzamide	257	C9H5F6NO	022227-26-5	11
3	1,4-Bis[3,4-dimethylphenyl]-2,3-...	294	C20H22O2	034277-93-5	11
4	Methyl 7,9-octadecadiynoate	290	C19H30O2	1000336-48-1	10
5	Benzene, 1-(bromomethyl)-4-(1-me...	212	C10H13Br	073789-86-3	10





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Instrument : BNA_G
ClientSampleId : A4TX1

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Quant Title : SVOA CALIBRATION

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

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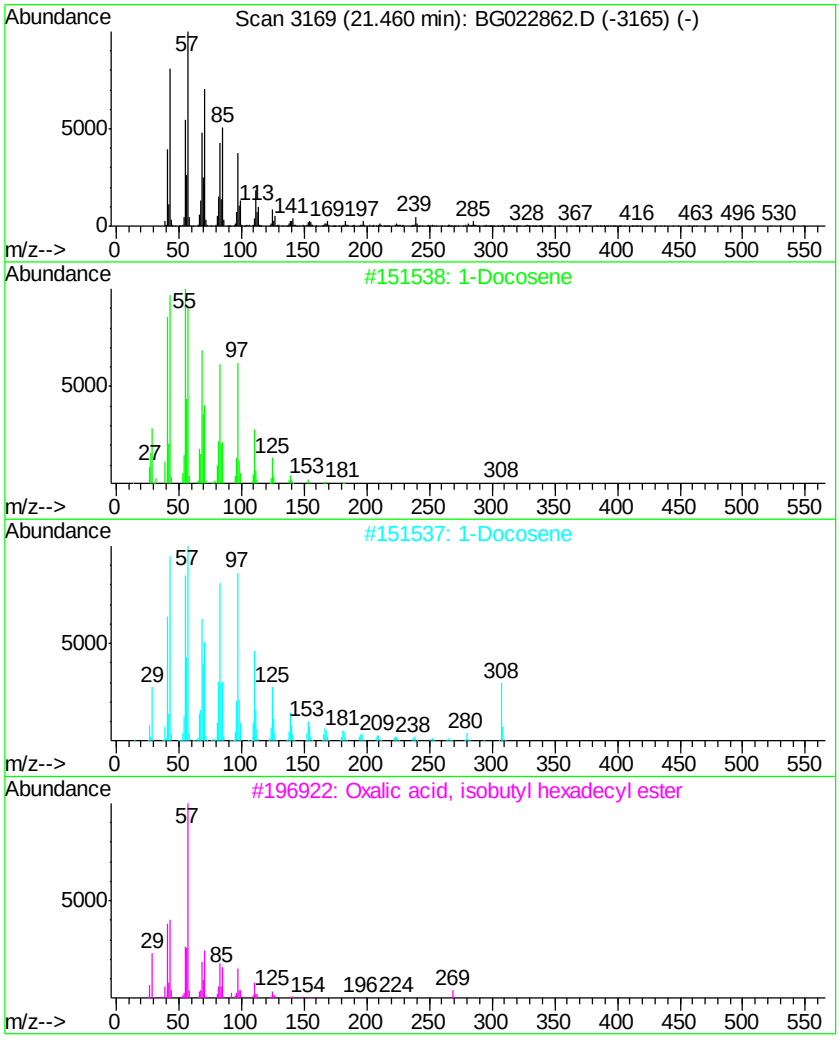
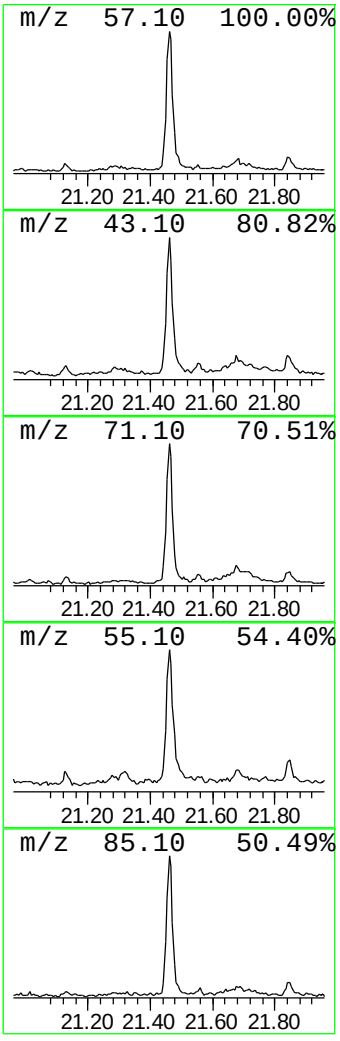
Peak Number 12 (DEL) Alkane: Cyclic21.46 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	19.31 ng/ul	3327470	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Docosene	308	C22H44	001599-67-3	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	90





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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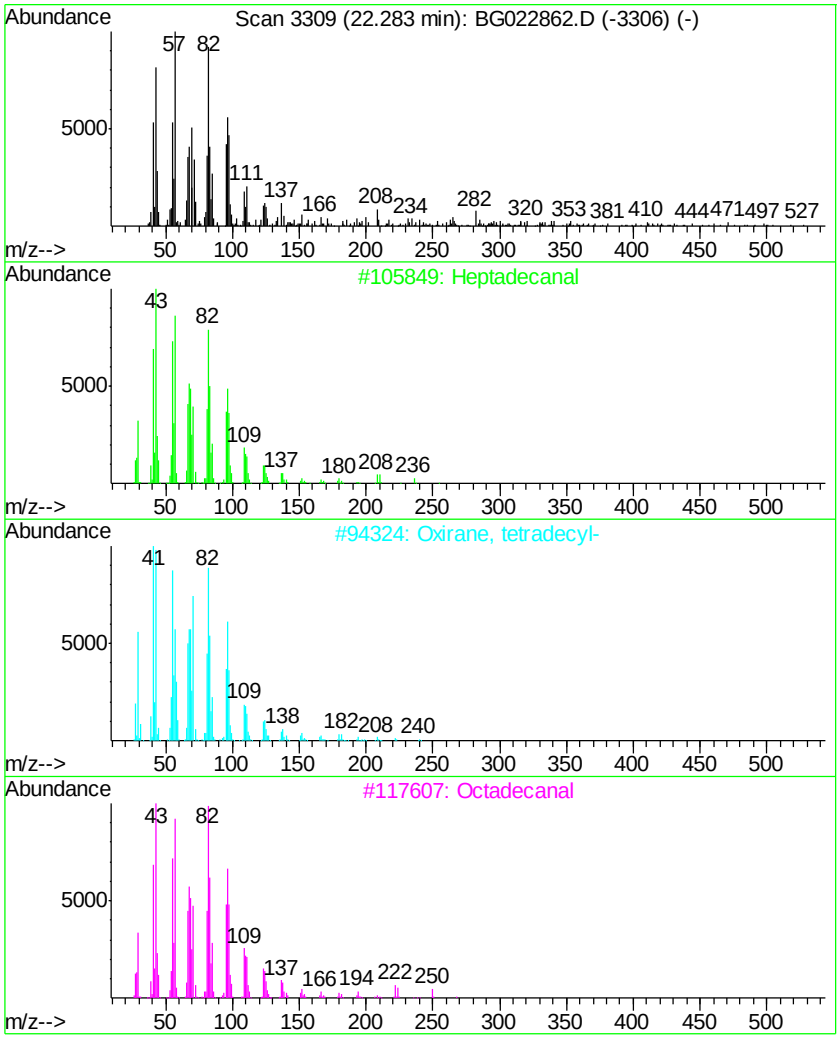
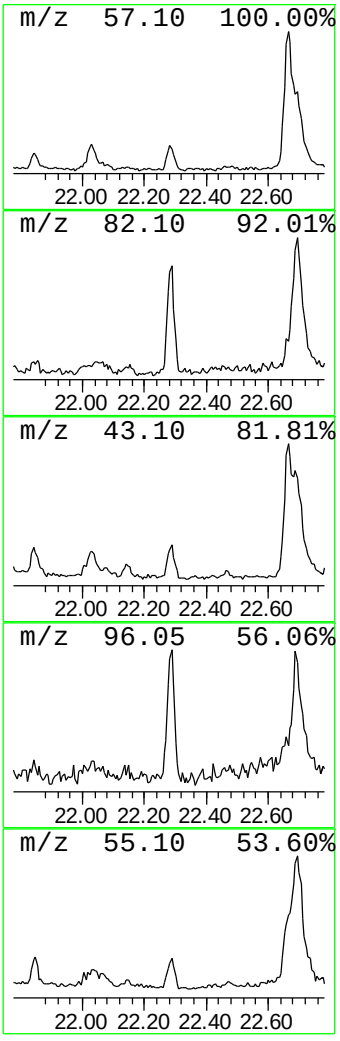
Peak Number 13 Heptadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	3.83 ng/ul	659922	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	93
2	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Z-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000131-33-3	90





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Quant Title : SVOA CALIBRATION

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

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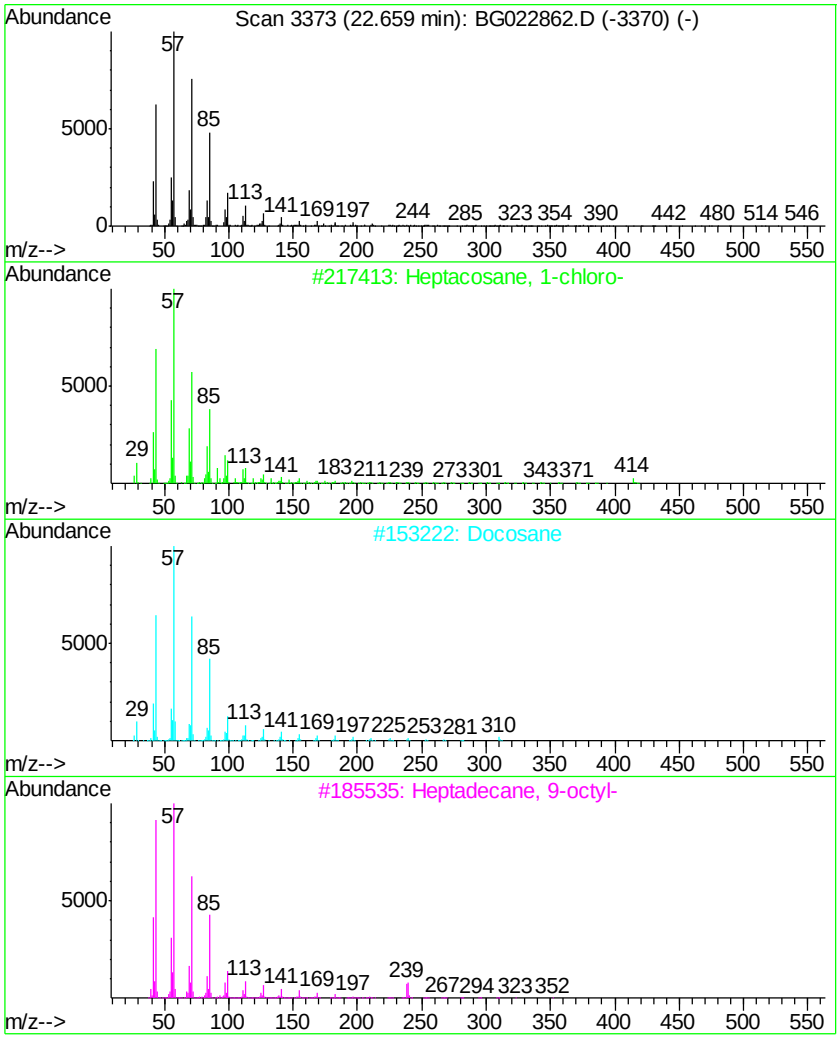
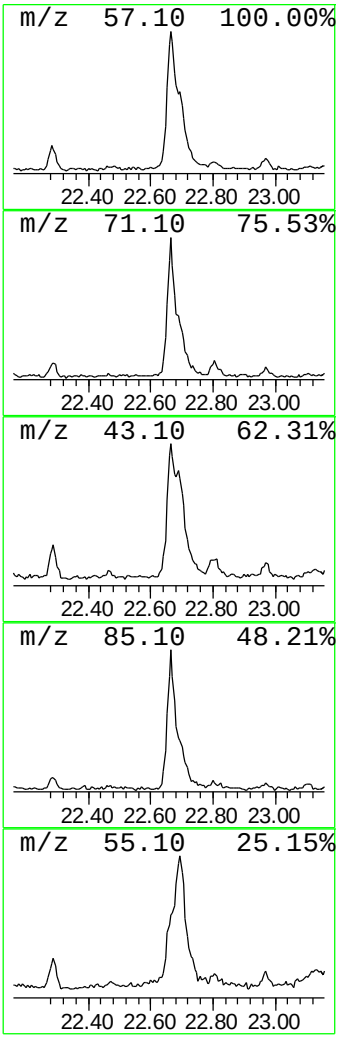
Peak Number 14 Heptacosane, 1-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	8.37 ng/ul	1443270	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	93
2	Docosane	310	C22H46	000629-97-0	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Quant Title : SVOA CALIBRATION

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

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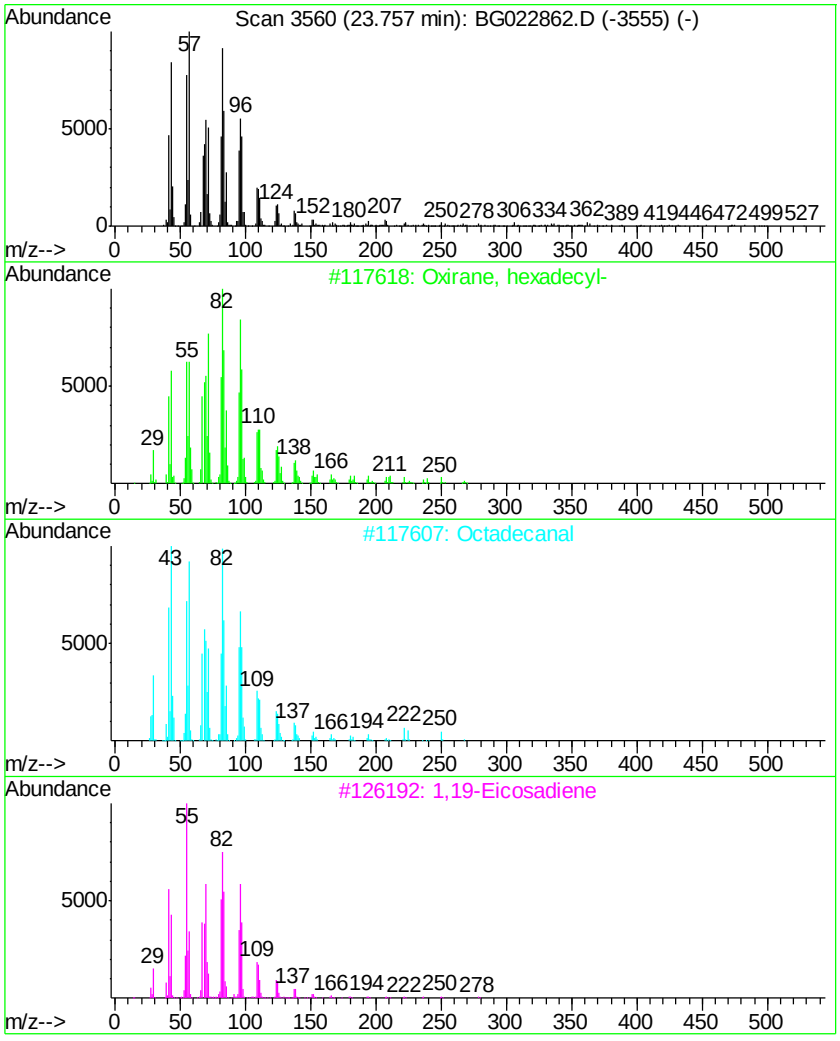
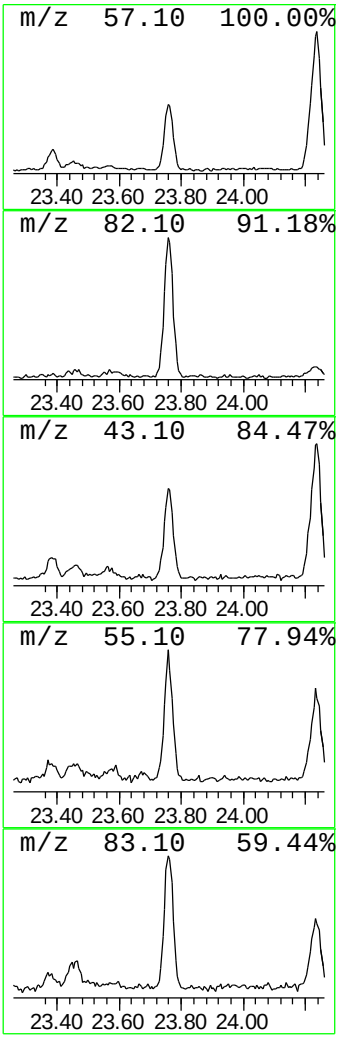
Peak Number 15 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	19.11 ng/ul	2688970	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	98
2	Octadecanal	268	C18H36O	000638-66-4	95
3	1,19-Eicosadiene	278	C20H38	014811-95-1	95
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
5	17-Octadecenal	266	C18H34O	056554-86-0	91





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Quant Title : SVOA CALIBRATION

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

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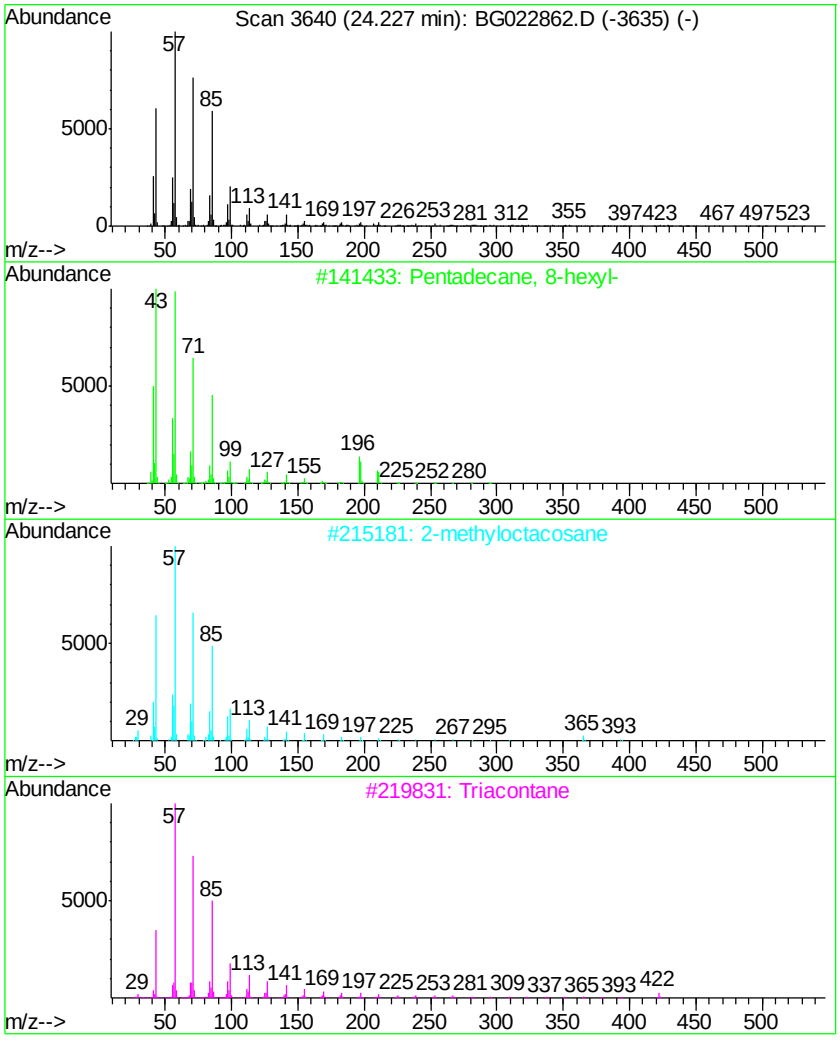
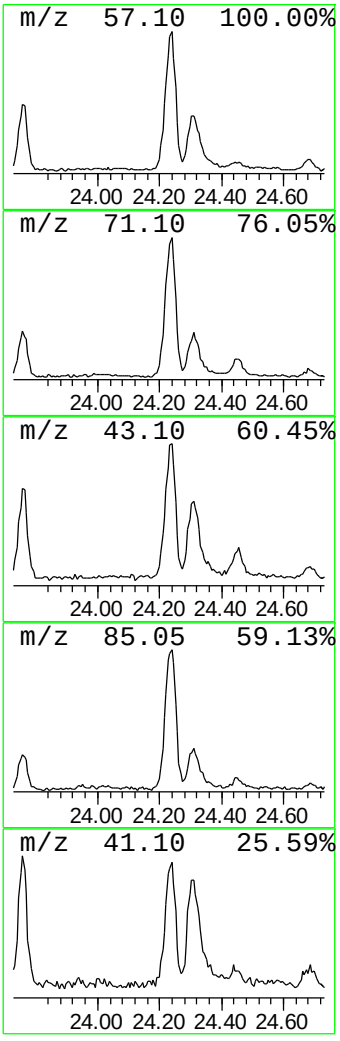
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	18.32 ng/ul	2577380	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Hexacosane	366	C26H54	000630-01-3	91





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ClientSampleId : A4TX1

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Quant Title : SVOA CALIBRATION

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

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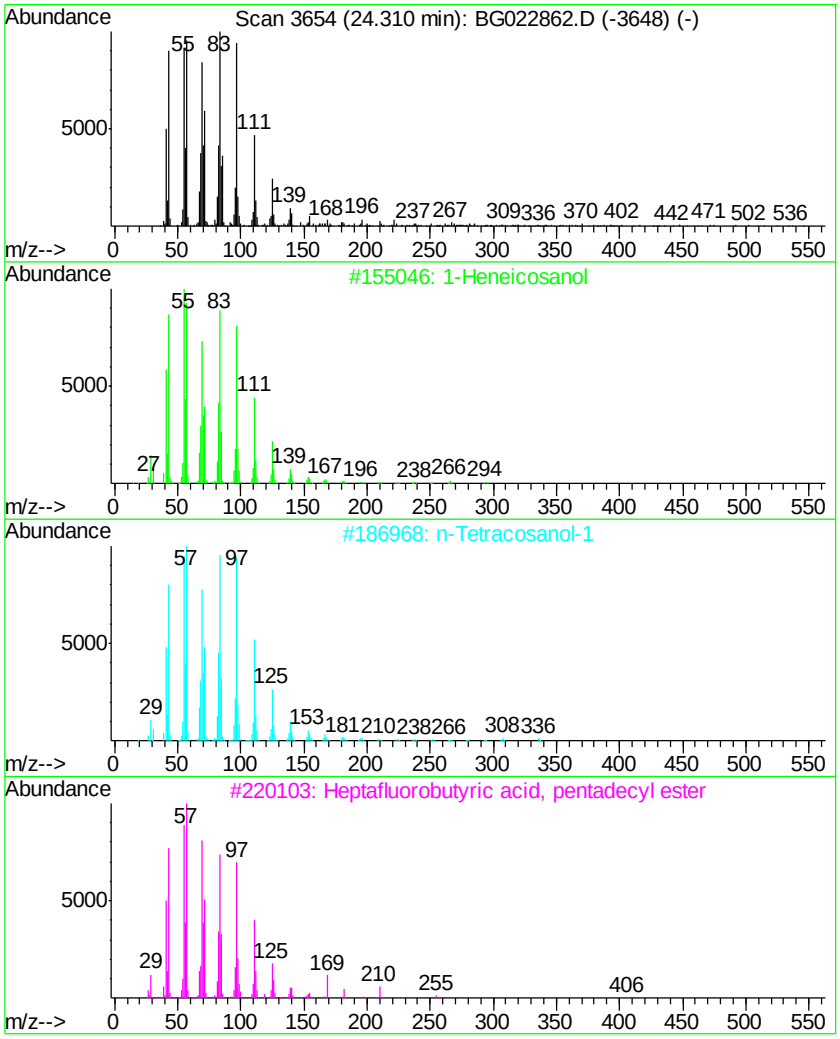
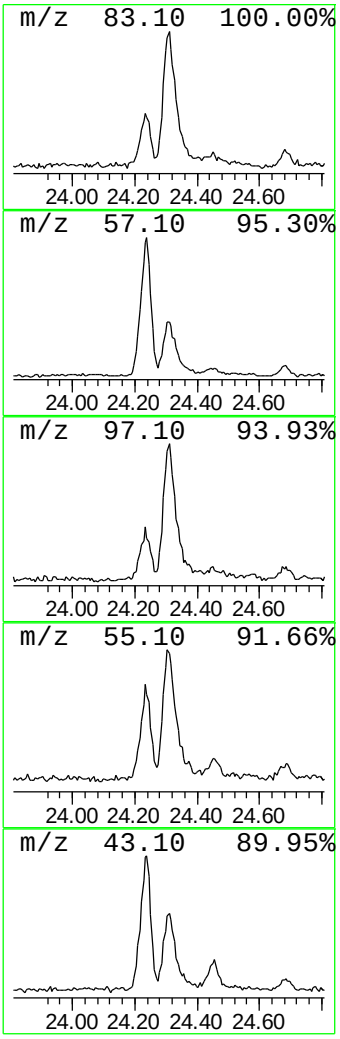
Peak Number 17 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	20.25 ng/ul	2849070	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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Instrument : BNA_G
ClientSampleId : A4TX1

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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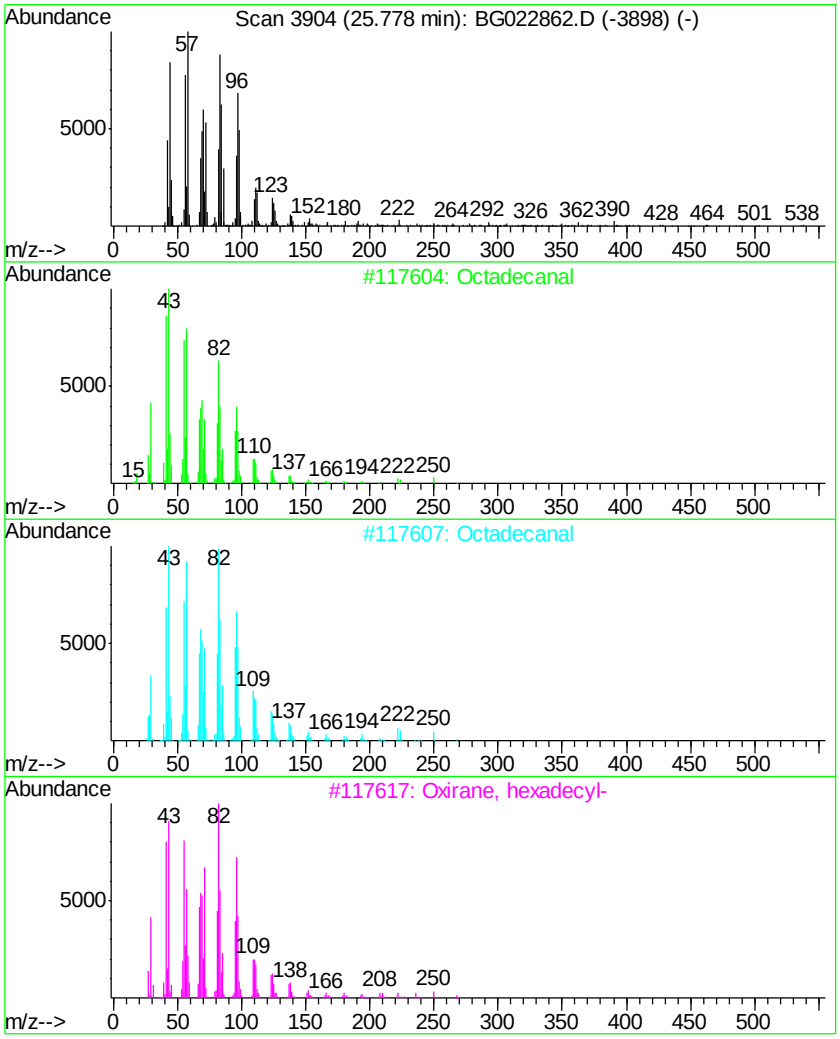
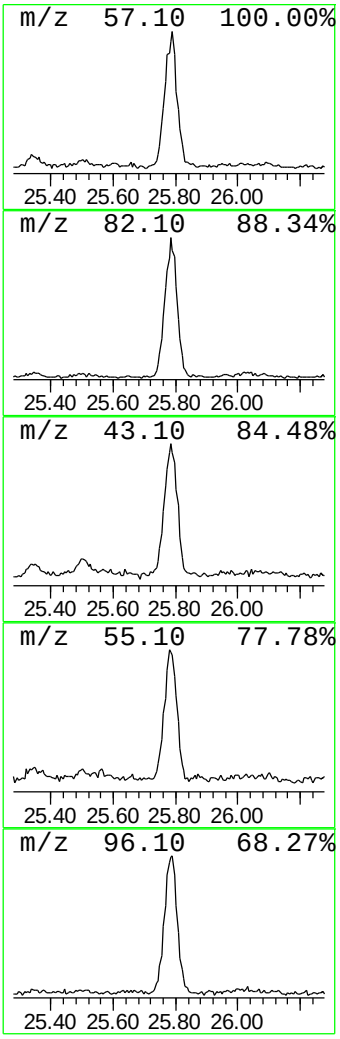
Peak Number 18 Octadecanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.78	24.79 ng/ul	3488320	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	86
5	Pentadecanal-	226	C15H30O	002765-11-9	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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

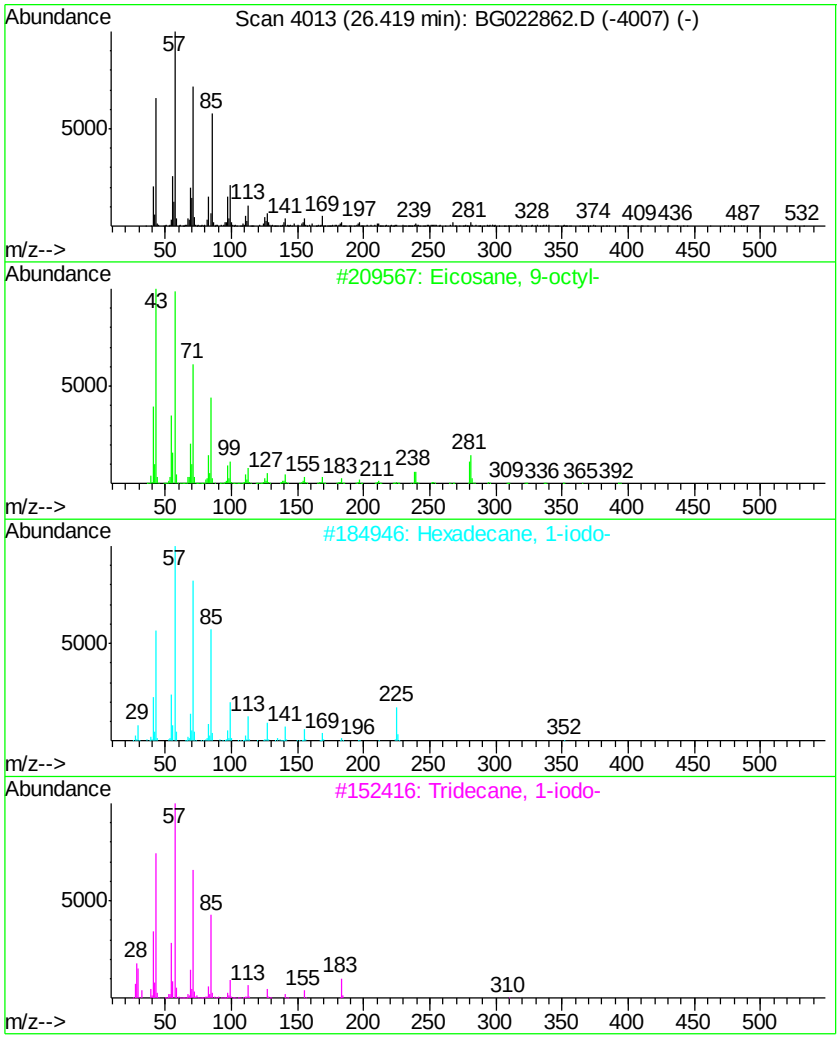
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

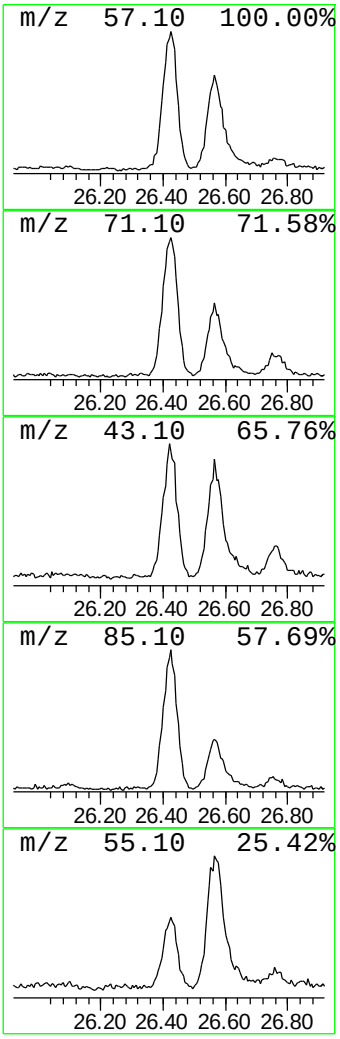
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	21.73 ng/ul	3057050	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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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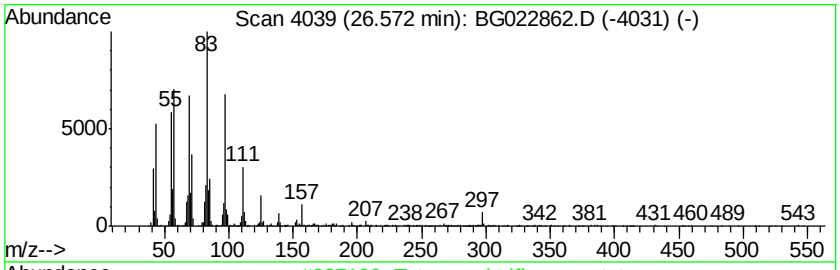
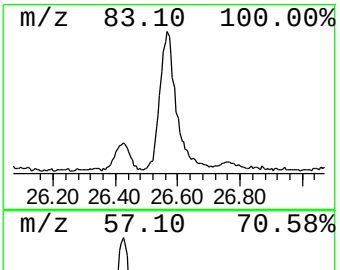
Peak Number 20 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.57	31.04 ng/ul	4367160	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	49
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	46
3	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	46
4	1-Heptacosanol	396	C27H56O	002004-39-9	43
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
Data File : BG022862.D
Acq On : 5 Jul 2016 22:46
Operator : UM/SJ
Sample : H3811-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX1

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
unknown-01	6.20	3.6	ng/ul	163847	1	8.16	905587	20.0
.alpha.-Pinene	6.83	5.5	ng/ul	248414	1	8.16	905587	20.0
Bicyclo[3.1.0]hex...	7.59	9.1	ng/ul	411887	1	8.16	905587	20.0
unknown-02	17.25	2.1	ng/ul	282293	4	17.55	2742550	20.0
n-Hexadecanoic acid	18.42	9.0	ng/ul	1239130	4	17.55	2742550	20.0
(DEL) Alkane: Str...	19.33	2.5	ng/ul	336721	4	17.55	2742550	20.0
Octadecanoic acid	19.69	3.4	ng/ul	462351	4	17.55	2742550	20.0
Octadecane, 1-iodo-	20.44	4.1	ng/ul	707233	5	21.85	3446790	20.0
unknown-03	20.91	8.6	ng/ul	1472670	5	21.85	3446790	20.0
1-Phenanthrenecar...	21.31	5.0	ng/ul	870237	5	21.85	3446790	20.0
(DEL) Alkane: Cyc...	21.46	19.3	ng/ul	3327470	5	21.85	3446790	20.0
Heptadecanal	22.28	3.8	ng/ul	659922	5	21.85	3446790	20.0
Heptacosane, 1-ch...	22.66	8.4	ng/ul	1443270	5	21.85	3446790	20.0
Oxirane, hexadecyl-	23.76	19.1	ng/ul	2688970	6	25.23	2813780	20.0
(DEL) Alkane: Str...	24.23	18.3	ng/ul	2577380	6	25.23	2813780	20.0
1-Heneicosanol	24.31	20.3	ng/ul	2849070	6	25.23	2813780	20.0
Octadecanal	25.78	24.8	ng/ul	3488320	6	25.23	2813780	20.0
(DEL) Alkane: Str...	26.42	21.7	ng/ul	3057050	6	25.23	2813780	20.0
unknown-04	26.57	31.0	ng/ul	4367160	6	25.23	2813780	20.0