LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028403.D
Acq On : 22 Aug 2017 00:39
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.828	33	41	49	rVB7	8317	22022	0.97%	0.097%
2	4.334	120	127	136	rVB7	7568	16791	0.74%	0.074%
3	4.563	158	166	171	rBV2	17309	34908	1.54%	0.153%
4	4.762	189	200	208	rBV6	12382	28504	1.25%	0.125%
5	5.985	402	408	425	rVB3	28432	64384	2.83%	0.283%
6	6.355	464	471	478	rVV3	31950	69031	3.04%	0.303%
7	6.831	545	552	556	rBV7	9204	18265	0.80%	0.080%
8	6.972	567	576	584	rBV8	9394	23560	1.04%	0.103%
9	7.312	624	634	640	rVV4	11229	26104	1.15%	0.115%
10	7.424	648	653	658	rBV2	12642	23416	1.03%	0.103%
11	7.495	658	665	681	rVV	189645	399213	17.57%	1.753%
12	7.659	686	693	699	rVV	127407	228628	10.06%	1.004%
13	7.724	699	704	713	rVB7	11850	25828	1.14%	0.113%
14	7.876	723	730	736	rBV	181254	322065	14.17%	1.415%
15	7.976	743	747	754	rVB	26758	43202	1.90%	0.190%
16	8.341	803	809	822	rVB	154553	281404	12.38%	1.236%
17	8.452	822	828	838	rBV3	11128	24418	1.07%	0.107%
18	8.875	894	900	911	rVB8	8418	24922	1.10%	0.109%
19	8.975	911	917	921	rBV6	12866	26513	1.17%	0.116%
20	9.034	921	927	941	rVV	173574	334164	14.71%	1.468%
21	9.433	990	995	1001	rVB7	10637	19008	0.84%	0.083%
22	9.510	1001	1008	1019	rBV	197553	388816	17.11%	1.708%
23	9.968	1076	1086	1091	rVB7	8412	18527	0.82%	0.081%
24	10.233	1122	1131	1141	rBV2	176061	336831	14.82%	1.479%
25	10.556	1179	1186	1191	rVV10	11197	27711	1.22%	0.122%
26	10.779	1217	1224	1231	rVV	266798	496472	21.85%	2.181%
27	10.838	1231	1234	1244	rVB8	9510	22473	0.99%	0.099%
28	11.090	1270	1277	1281	rVV5	17835	31003	1.36%	0.136%
29	11.161	1281	1289	1294	rVV2	227274	441873	19.45%	1.941%
30	11.214	1294	1298	1304	rVB2	63201	110527	4.86%	0.485%
31	11.296	1304	1312	1322	rBV	96801	210028	9.24%	0.922%
32	12.030	1433	1437	1447	rVV10	6173	15889	0.70%	0.070%
33	12.130	1447	1454	1458	rBV3	14679	26374	1.16%	0.116%
34	12.518	1513	1520	1527	rBV2	22352	39776	1.75%	0.175%

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AH2

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

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	12.794	1561	1567	1575	rVB	120459	203056	8.94%	0.892%
36	12.929	1584	1590	1597	rBV9	7684	18092	0.80%	0.079%
37	13.012	1597	1604	1610	rBV	84664	148875	6.55%	0.654%
38	13.317	1648	1656	1665	rBV	11529	37744	1.66%	0.166%
39	13.399	1665	1670	1675	rVV7	7388	15720	0.69%	0.069%
40	13.452	1675	1679	1685	rVB4	16012	24453	1.08%	0.107%
41	13.540	1690	1694	1702	rBV8	10890	21301	0.94%	0.094%
42	13.740	1718	1728	1731	rBV2	26099	48152	2.12%	0.211%
43	13.775	1731	1734	1746	rVV5	19891	41156	1.81%	0.181%
44	13.975	1761	1768	1780	rVB4	20618	53857	2.37%	0.237%
45	14.122	1780	1793	1800	rBV3	47055	130868	5.76%	0.575%
46	14.269	1812	1818	1823	rVV	62270	122681	5.40%	0.539%
47	14.339	1823	1830	1834	rVV	549462	880809	38.77%	3.869%
48	14.386	1834	1838	1844	rVV	229647	335913	14.78%	1.475%
49	14.504	1853	1858	1862	rBV2	42429	71053	3.13%	0.312%
50	14.645	1875	1882	1892	rVB	561655	949760	41.80%	4.172%
51	14.804	1905	1909	1914	rVB	27700	39218	1.73%	0.172%
52	14.951	1923	1934	1941	rBV2	384725	708362	31.18%	3.111%
53	15.015	1941	1945	1952	rVV5	22920	42171	1.86%	0.185%
54	15.150	1961	1968	1976	rBV2	141505	306022	13.47%	1.344%
55	15.238	1977	1983	1989	rVV9	19811	60387	2.66%	0.265%
56	15.297	1989	1993	1995	rVV4	22868	39096	1.72%	0.172%
57	15.338	1995	2000	2007	rVV3	56828	127494	5.61%	0.560%
58	15.409	2007	2012	2020	rVV3	33106	59198	2.61%	0.260%
59	15.491	2020	2026	2029	rVB8	11068	18829	0.83%	0.083%
60	15.556	2029	2037	2042	rBV4	26389	51683	2.27%	0.227%
61	15.609	2042	2046	2051	rBV4	18589	26540	1.17%	0.117%
62	15.750	2057	2070	2077	rVB4	59016	165674	7.29%	0.728%
63	15.938	2085	2102	2115	rBV	765569	1298150	57.13%	5.702%
64	16.055	2115	2122	2131	rVV	208772	334894	14.74%	1.471%
65	16.155	2134	2139	2143	rBV4	26542	42167	1.86%	0.185%
66	16.284	2153	2161	2167	rBV5	30553	72056	3.17%	0.316%
67	16.372	2171	2176	2181	rBV8	9960	17816	0.78%	0.078%
68	16.431	2181	2186	2195	rVV	34192	72281	3.18%	0.317%
69	16.531	2195	2203	2207	rVB7	11336	23703	1.04%	0.104%
70	16.637	2211	2221	2226	rBV	103340	240167	10.57%	1.055%
71	16.795	2237	2248	2251	rBV	17366	40338	1.78%	0.177%

LSC Area Percent Report

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Instrument : BNA_G
ClientSampleId : C0AH2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	16.954	2272	2275	2278	rBV5	10485	16414	0.72%	0.072%
73	17.054	2288	2292	2299	rBV9	21436	36786	1.62%	0.162%
74	17.107	2299	2301	2311	rVB9	11383	31902	1.40%	0.140%
75	17.230	2311	2322	2325	rBV9	35741	98124	4.32%	0.431%
76	17.354	2337	2343	2347	rBV2	24925	45632	2.01%	0.200%
77	17.406	2347	2352	2357	rVV3	60039	96668	4.25%	0.425%
78	17.453	2357	2360	2366	rVV5	32183	52227	2.30%	0.229%
79	17.553	2366	2377	2383	rVV9	50602	109278	4.81%	0.480%
80	17.624	2384	2389	2391	rVV6	18447	27517	1.21%	0.121%
81	17.700	2396	2402	2406	rBV	480751	791802	34.85%	3.478%
82	17.741	2406	2409	2413	rVV	202592	294353	12.95%	1.293%
83	17.800	2413	2419	2430	rVB	769639	1265292	55.69%	5.557%
84	18.100	2467	2470	2474	rBV	27189	35745	1.57%	0.157%
85	18.147	2474	2478	2485	rVB3	48773	71083	3.13%	0.312%
86	18.435	2521	2527	2533	rBV4	88514	177200	7.80%	0.778%
87	18.493	2533	2537	2542	rBV	127465	190282	8.37%	0.836%
88	18.552	2542	2547	2553	rBV2	355606	552462	24.31%	2.427%
89	18.617	2555	2558	2563	rVB2	80182	121869	5.36%	0.535%
90	18.699	2568	2572	2576	rBV7	20049	28873	1.27%	0.127%
91	18.758	2577	2582	2586	rBV2	50386	106504	4.69%	0.468%
92	19.052	2630	2632	2637	rBV4	29286	42755	1.88%	0.188%
93	19.463	2698	2702	2707	rBV6	47426	89950	3.96%	0.395%
94	19.739	2743	2749	2754	rVB	437543	664590	29.25%	2.919%
95	19.810	2756	2761	2768	rBV	361353	602730	26.53%	2.647%
96	20.074	2800	2806	2816	rBV2	1083362	2272138	100.00%	9.980%
97	22.030	3131	3139	3144	rBV2	616207	1425346	62.73%	6.260%
98	25.309	3689	3697	3704	rBV3	445842	1323047	58.23%	5.811%
99	25.556	3731	3739	3748	rVB	340328	1055437	46.45%	4.636%
100	29.933	4481	4484	4485	rBV3	31426	28981	1.28%	0.127%

Sum of corrected areas: 22767373

LSC Report - Integrated Chromatogram

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Data File : BG028403.D
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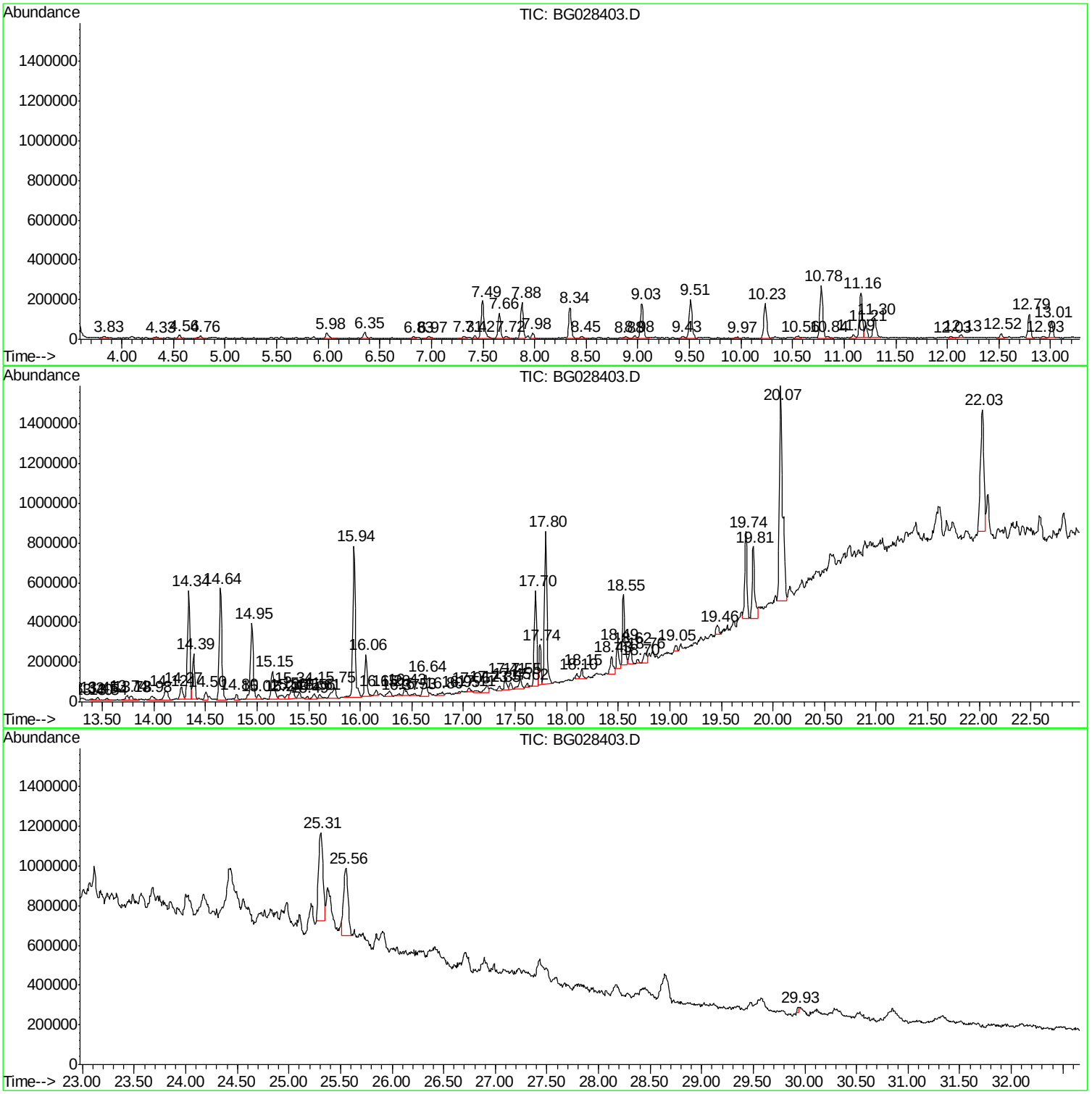
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

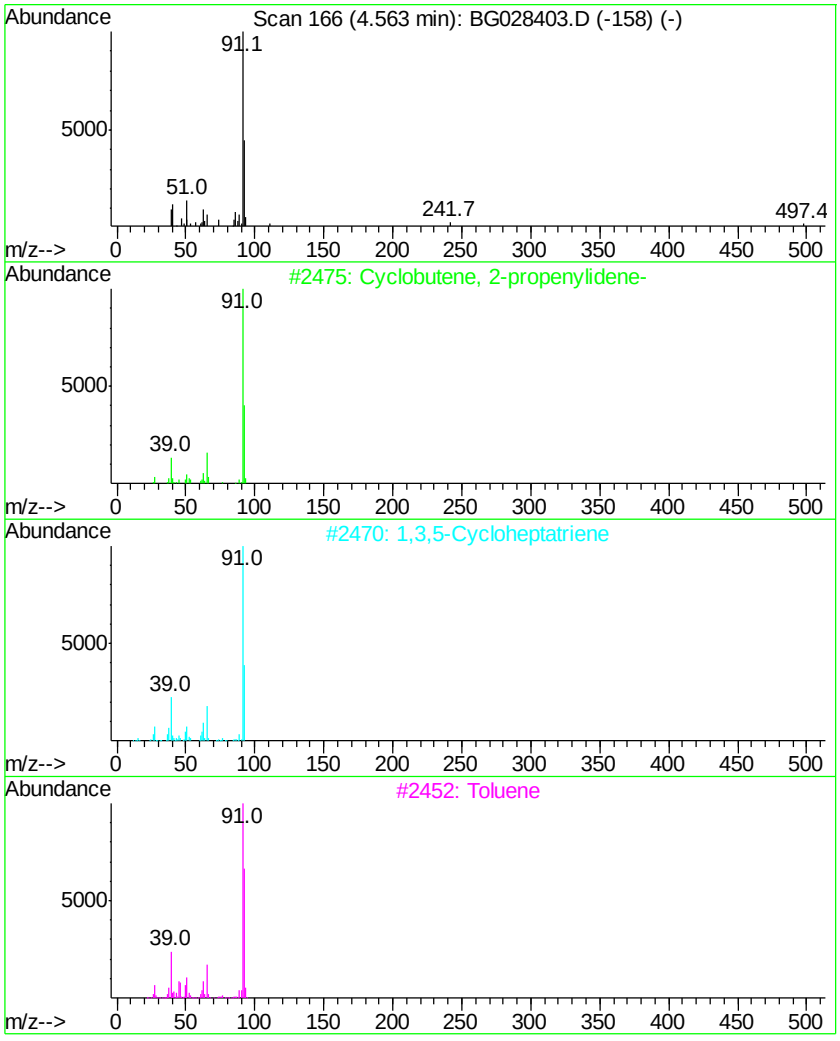
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

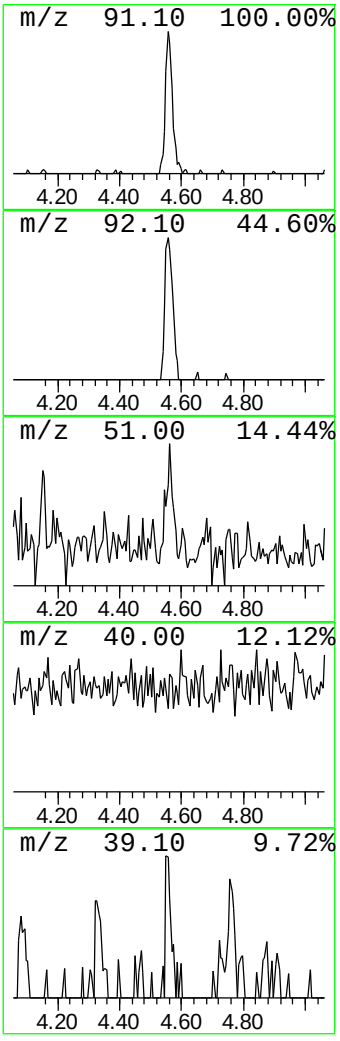
****

Peak Number 1 Cyclobutene, 2-propenylidene- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.48 ng/ul	34908	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	59
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	59
3	Toluene	92	C7H8	000108-88-3	58
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	53
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	53





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Sample : I4687-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

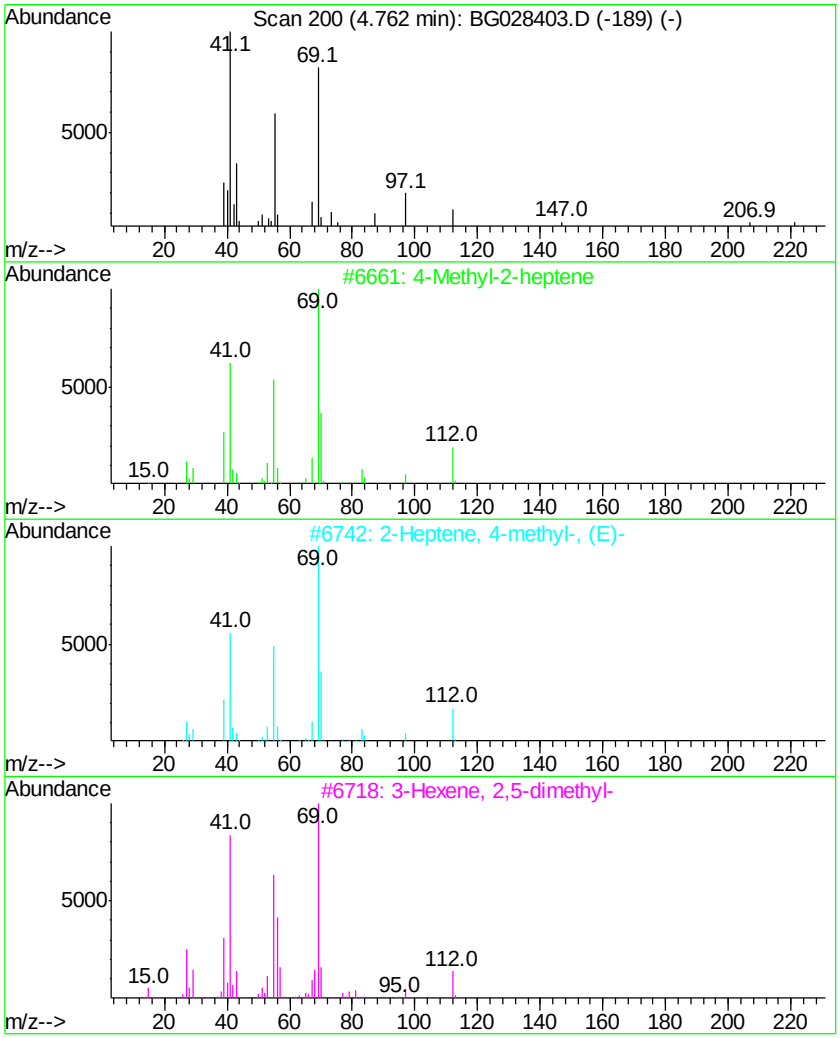
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

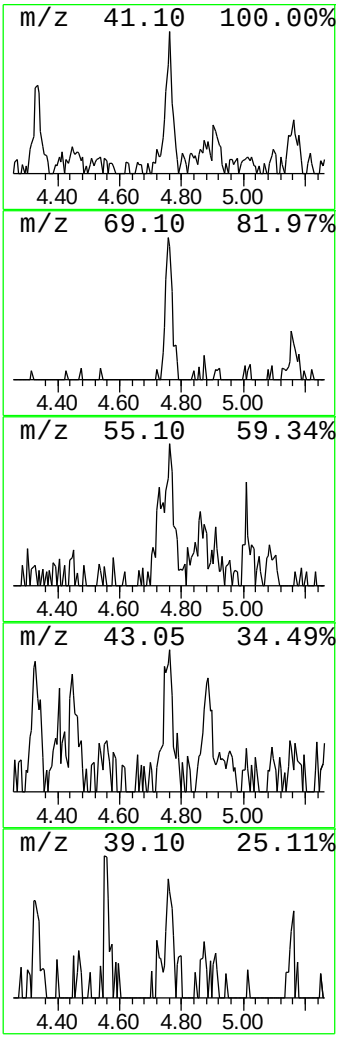
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	2.03 ng/ul	28504	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2-heptene	112	C8H16	003404-56-6	50
2	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	47
3	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	40
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	37
5	1-Penten-3-one, 2,4-dimethyl-	112	C7H12O	003212-68-8	37





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

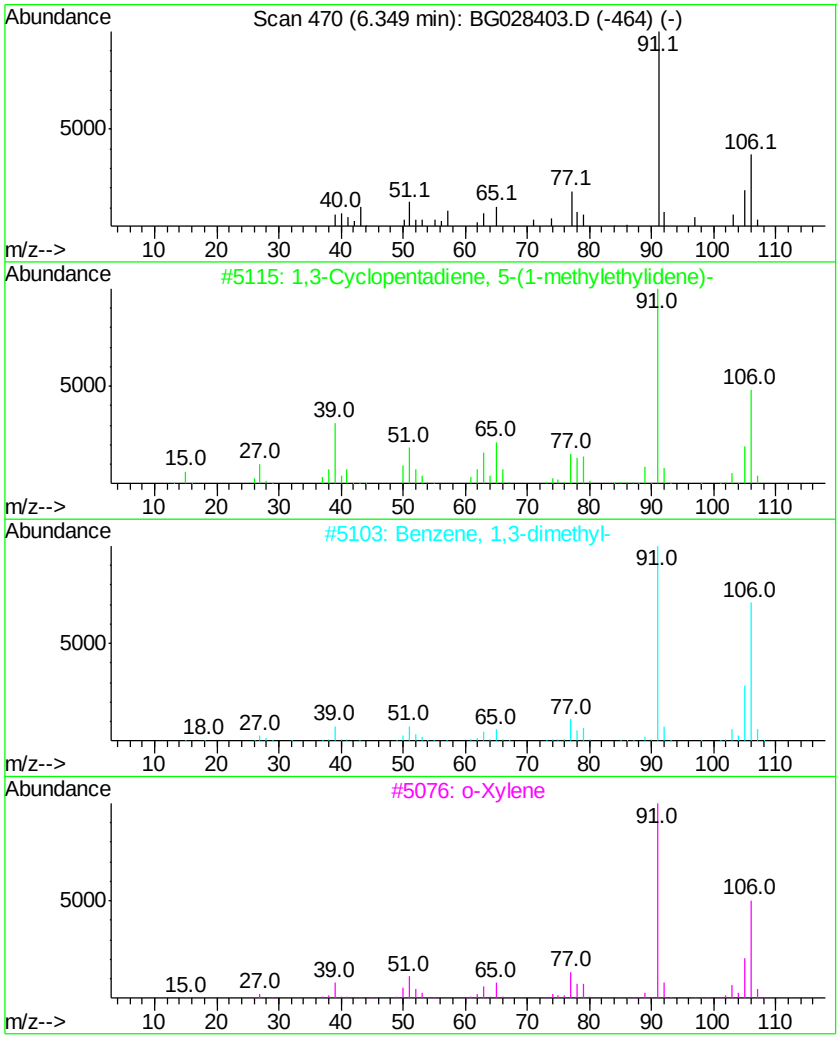
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

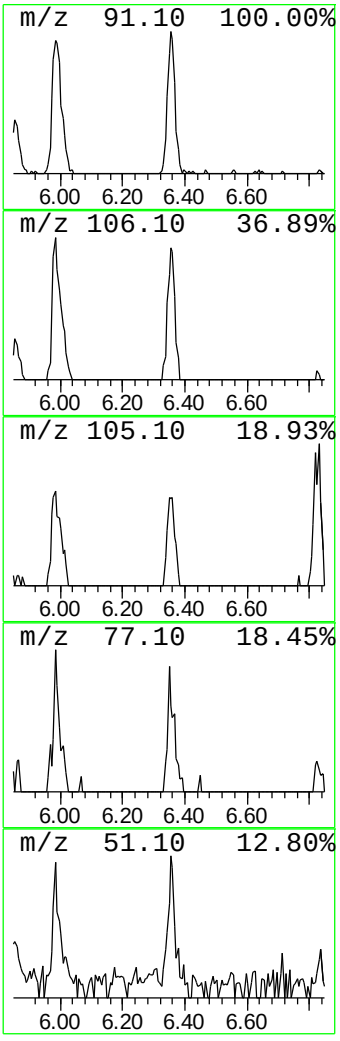
****

Peak Number 4 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	4.91 ng/ul	69031	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
3	o-Xylene	106	C8H10	000095-47-6	83
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	83
5	p-Xylene	106	C8H10	000106-42-3	83





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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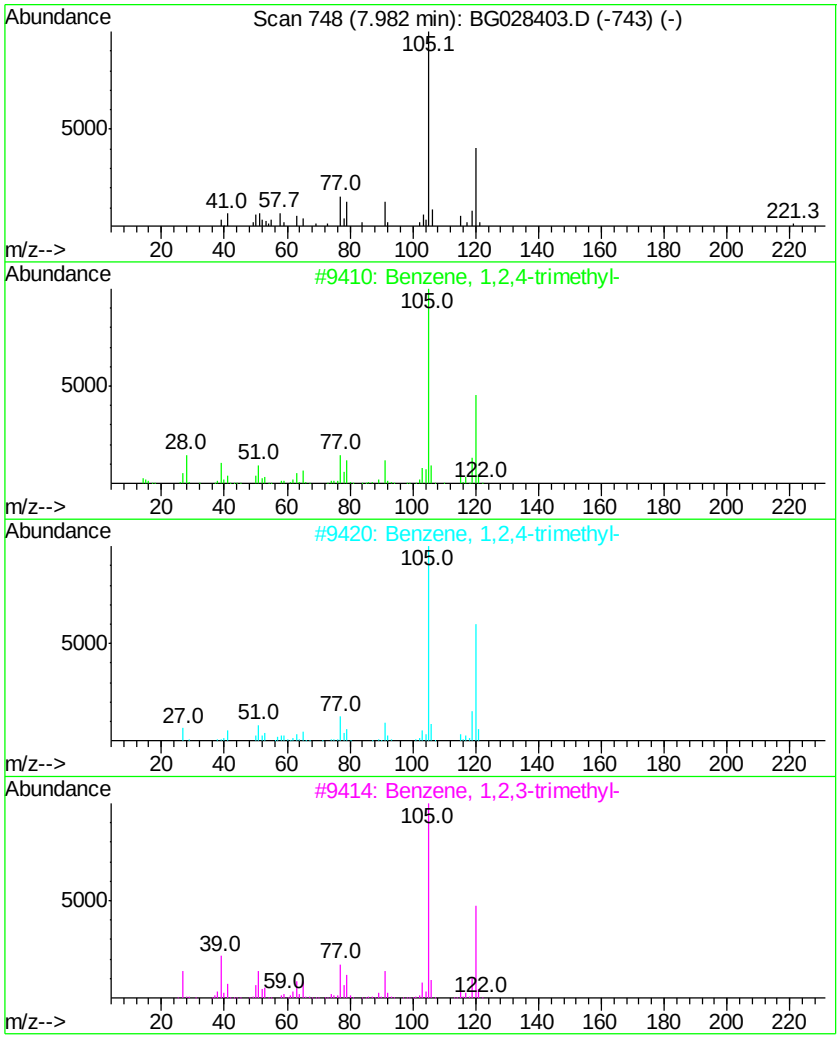
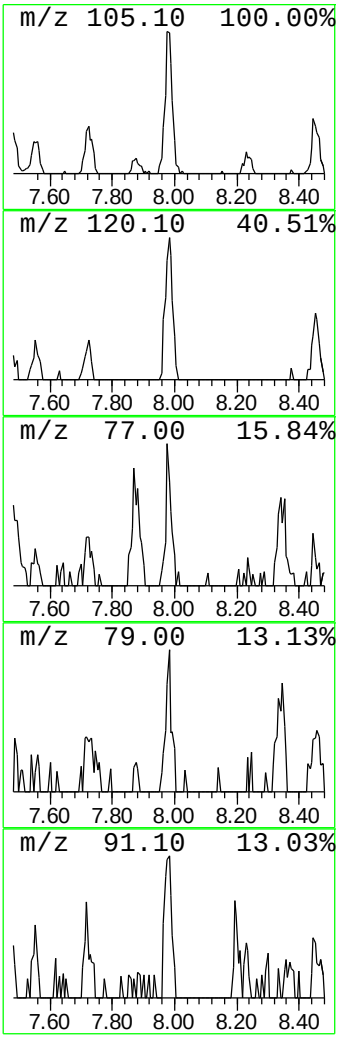
Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	3.07 ng/ul	43202	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	74





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Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

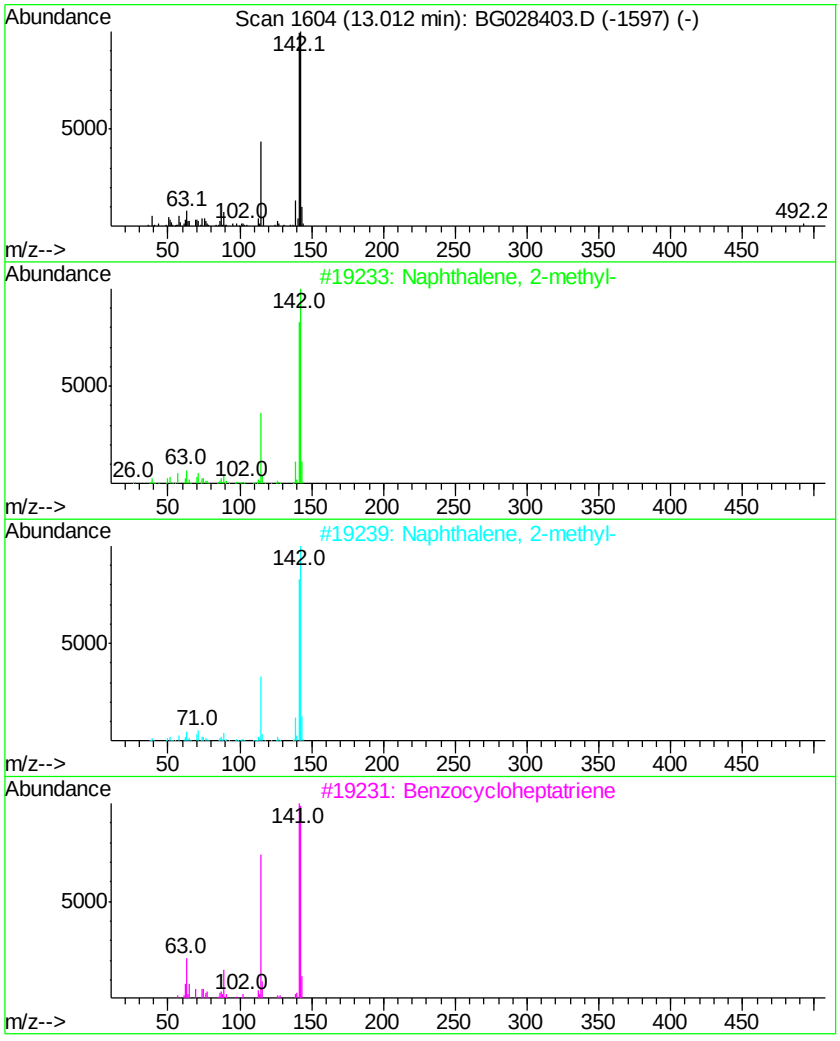
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

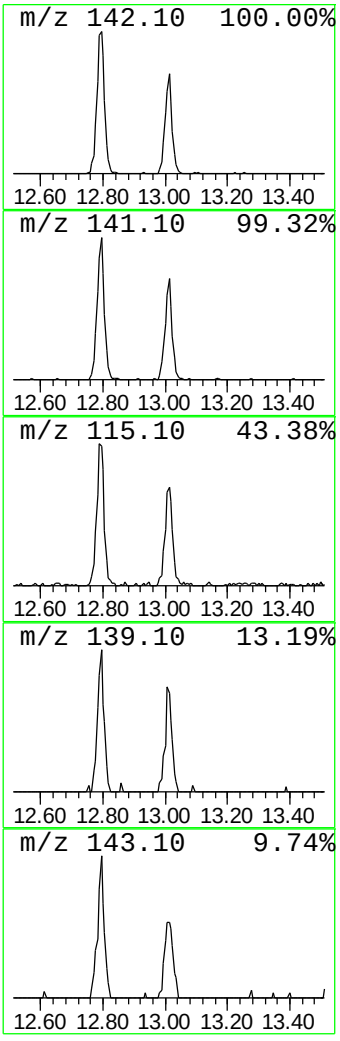
****

Peak Number 6 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	6.74 ng/ul	148875	Naphthalene-d8	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028403.D
Acq On : 22 Aug 2017 00:39
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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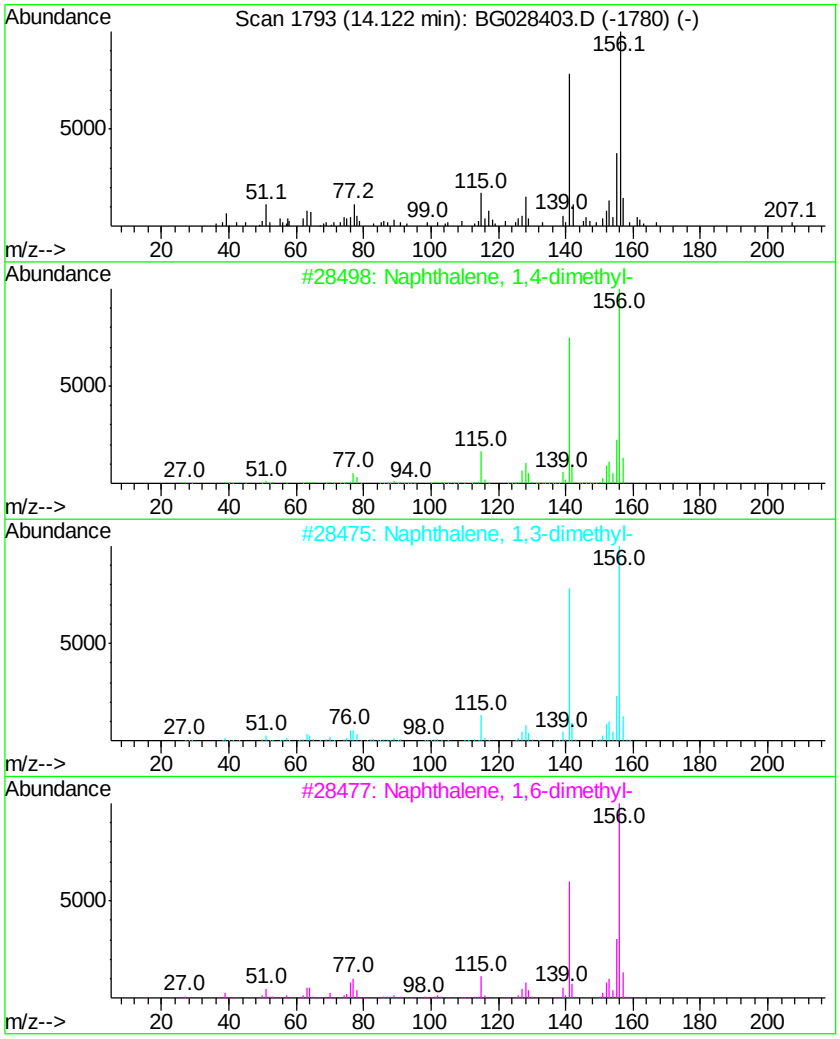
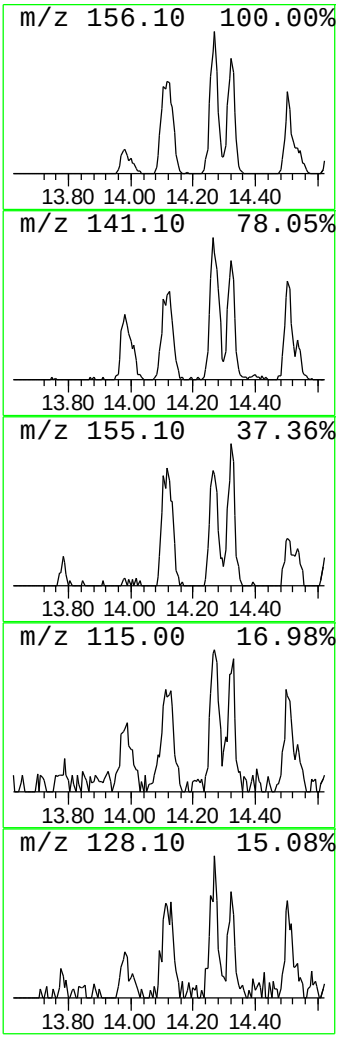
Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.69 ng/ul	130868	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





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Instrument : BNA_G
ClientSampleId : C0AH2

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Quant Title : SVOA CALIBRATION

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

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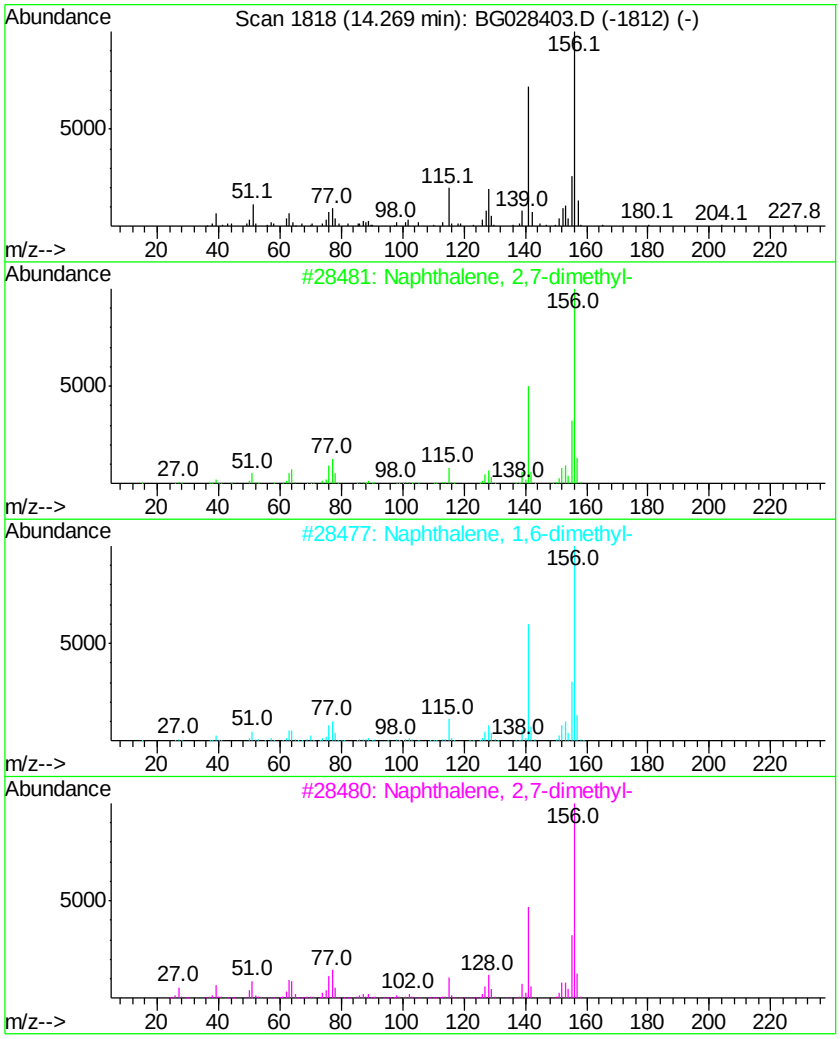
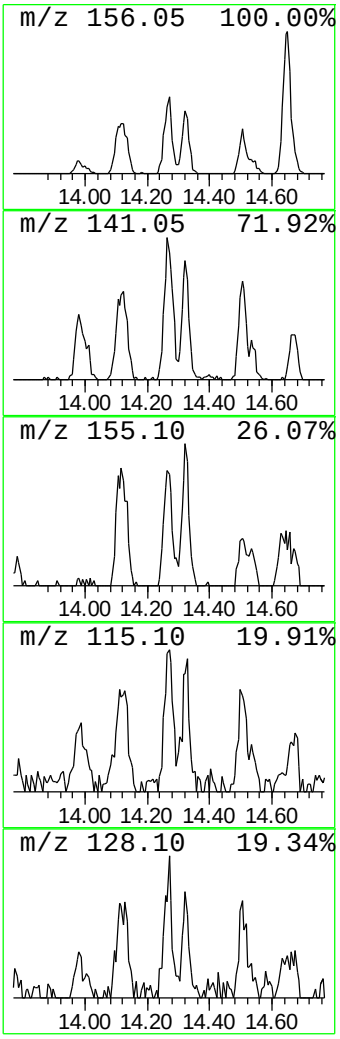
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	3.46 ng/ul	122681	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





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Quant Title : SVOA CALIBRATION

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

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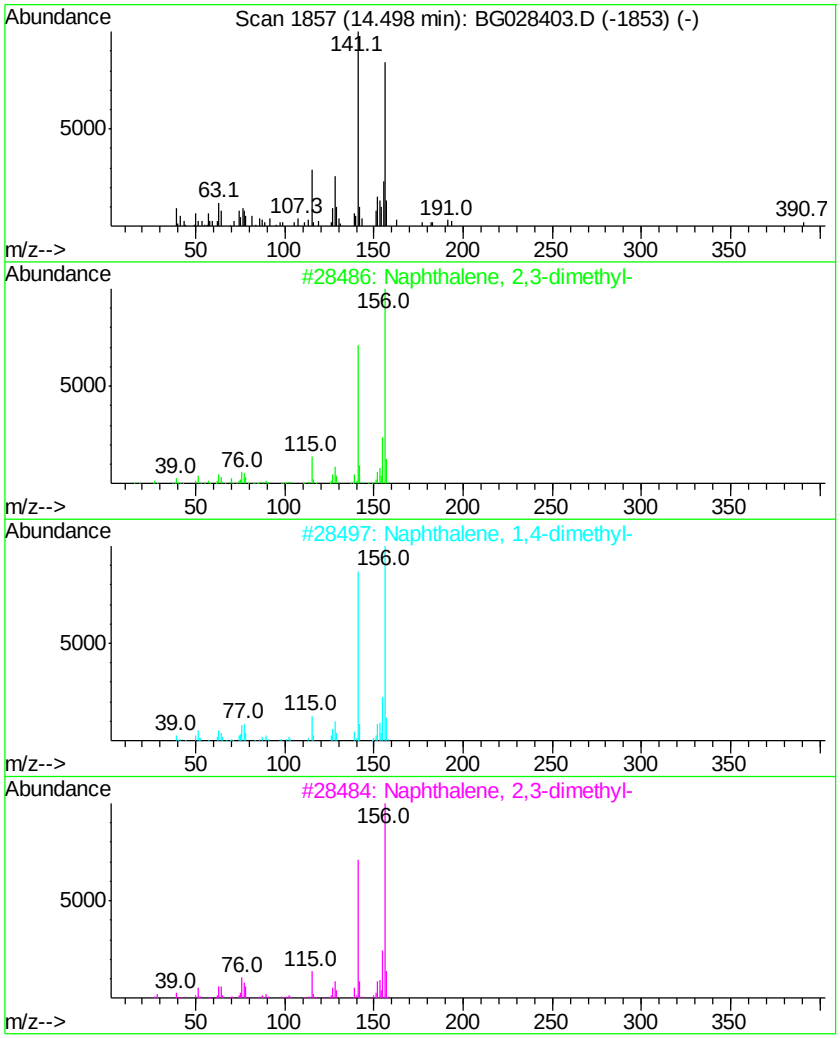
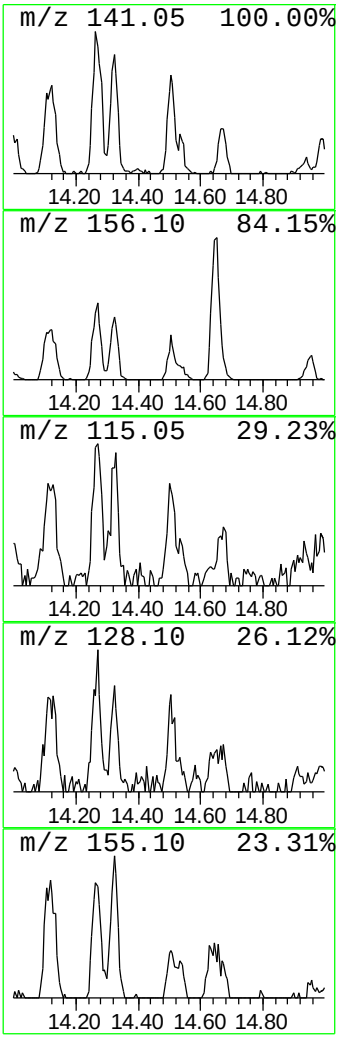
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.01 ng/ul	71053	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87





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Quant Title : SVOA CALIBRATION

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

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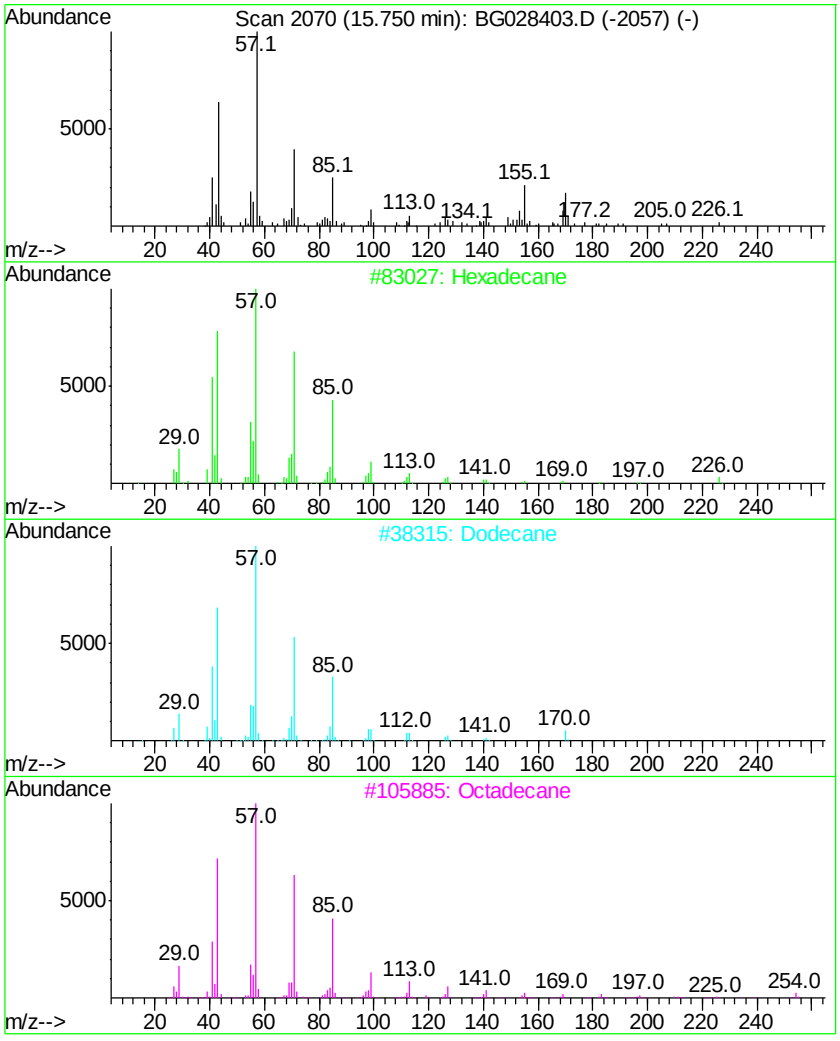
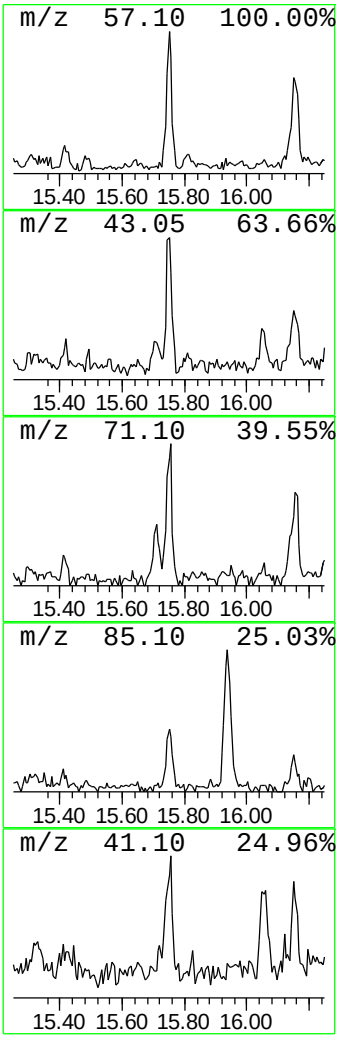
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	4.68 ng/ul	165674	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Dodecane	170	C12H26	000112-40-3	58
3	Octadecane	254	C18H38	000593-45-3	47
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
5	Hexadecane	226	C16H34	000544-76-3	46





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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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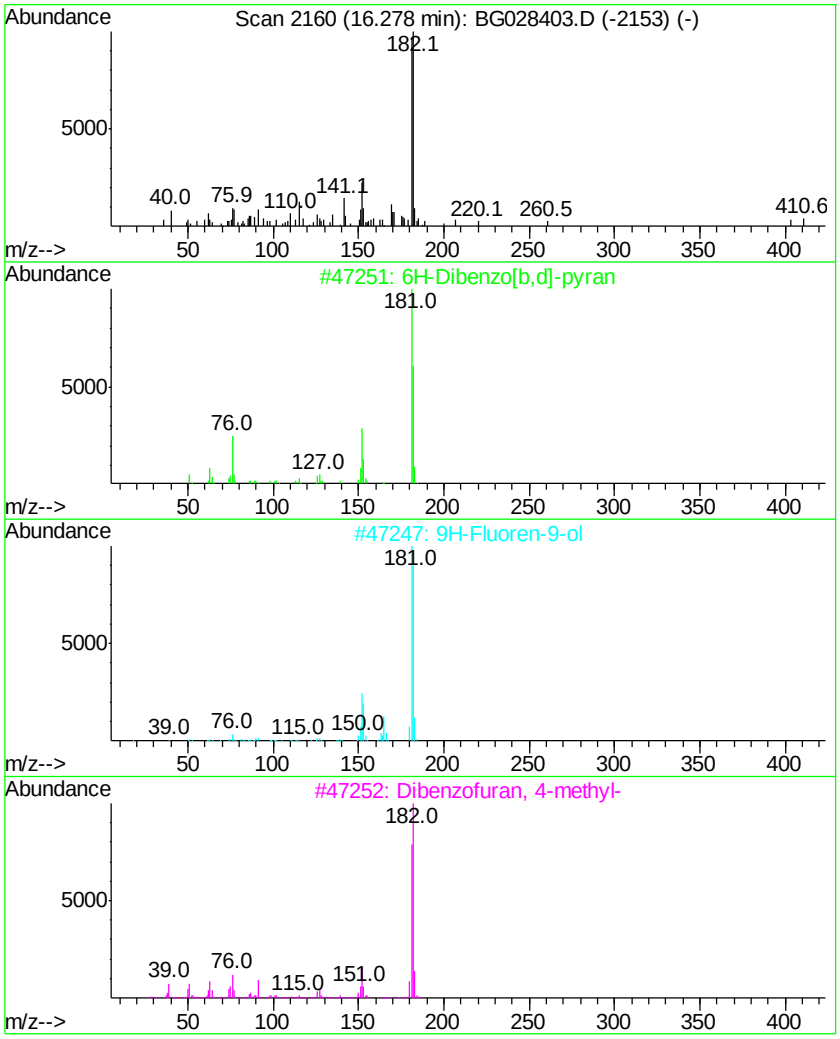
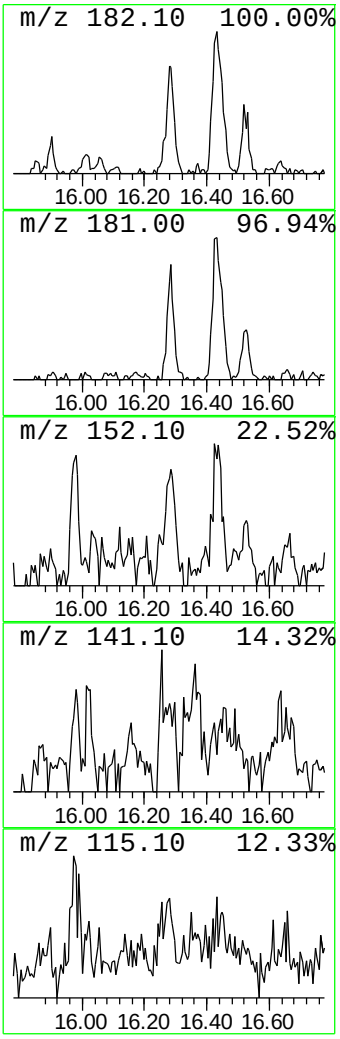
Peak Number 11 6H-Dibenzo[b,d]-pyran Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.03 ng/ul	72056	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	81
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	59
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58





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Quant Title : SVOA CALIBRATION

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

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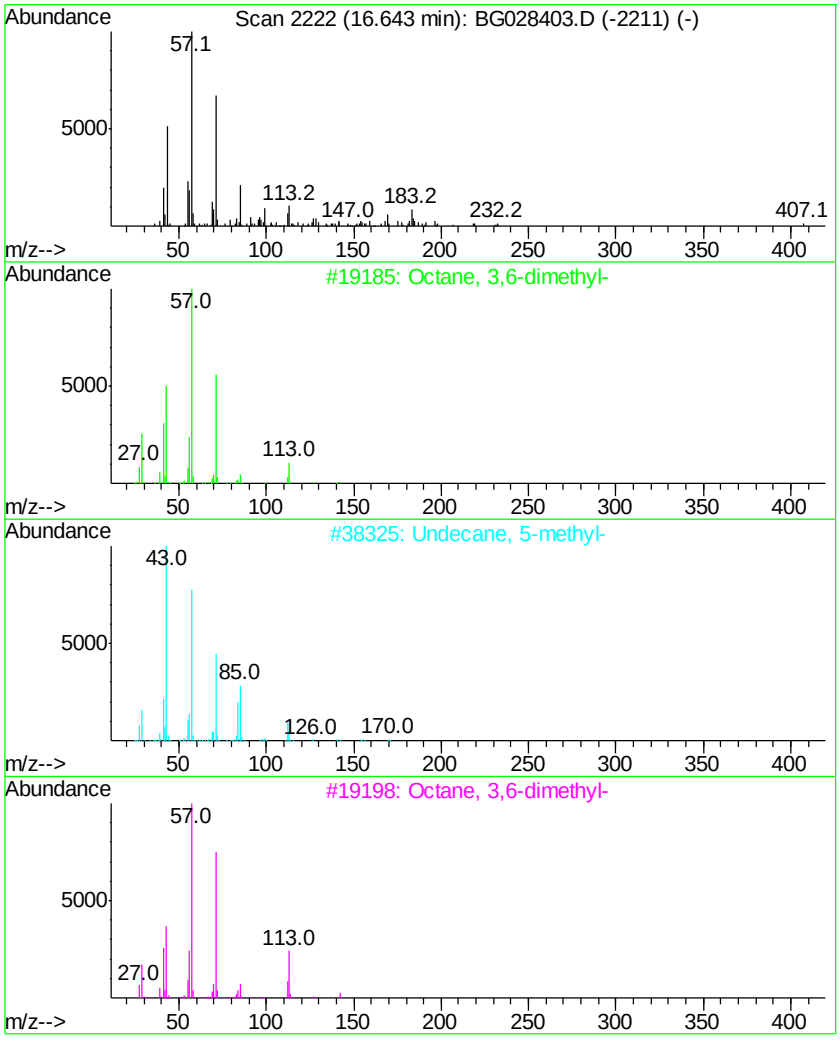
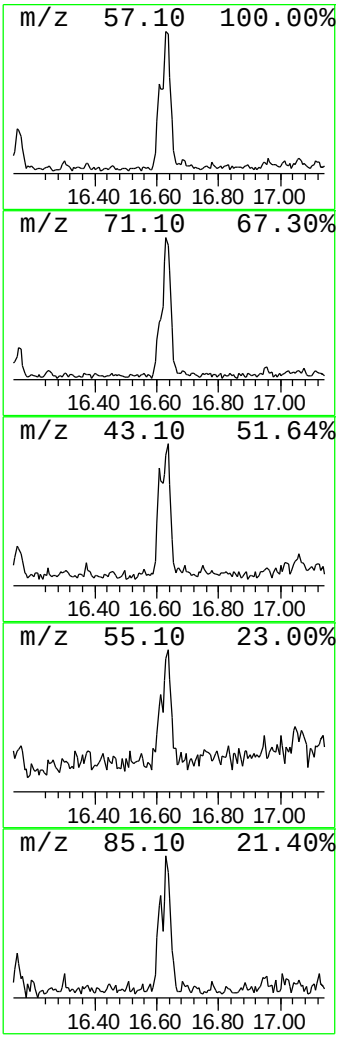
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	6.07 ng/ul	240167	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53





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Instrument : BNA_G
ClientSampleId : C0AH2

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Quant Title : SVOA CALIBRATION

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

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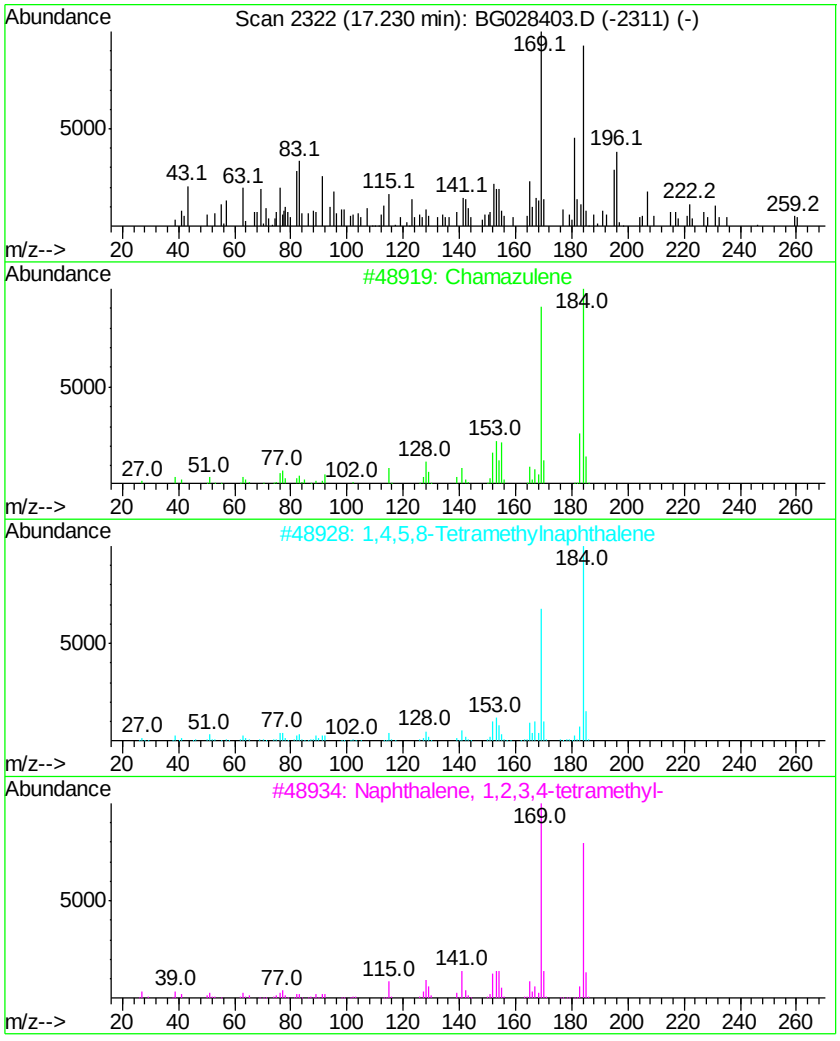
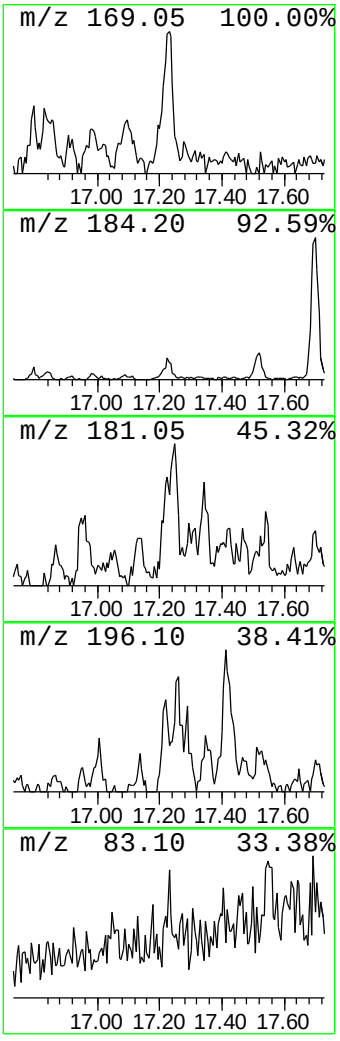
Peak Number 13 Chamazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.48 ng/ul	98124	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	83
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	49
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	49
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	49





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Quant Title : SVOA CALIBRATION

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

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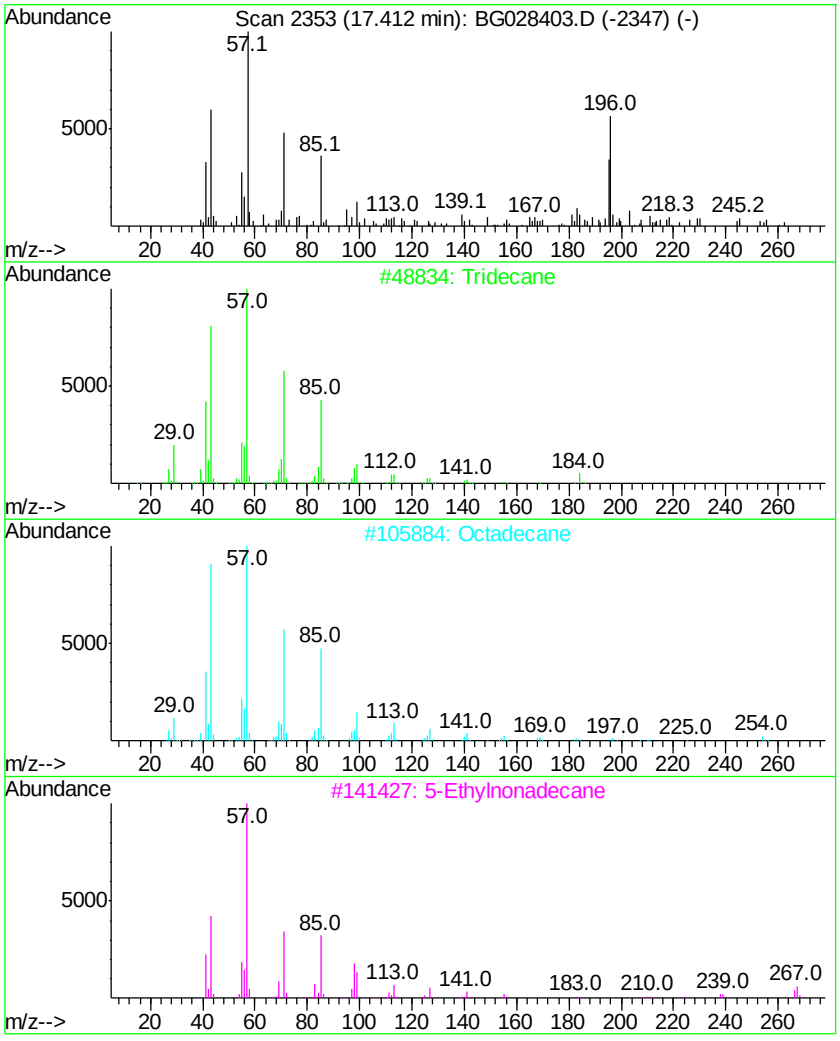
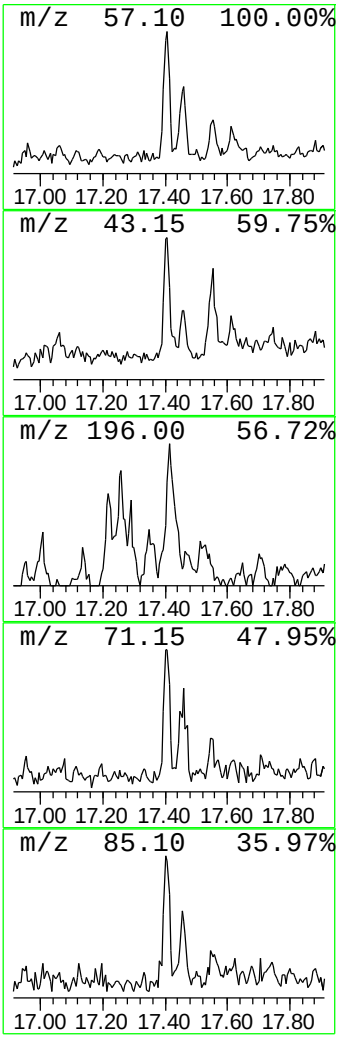
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.44 ng/ul	96668	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Octadecane	254	C18H38	000593-45-3	53
3	5-Ethylnonadecane	296	C21H44	1000360-43-1	50
4	1-Iodoundecane	282	C11H23I	004282-44-4	50
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50





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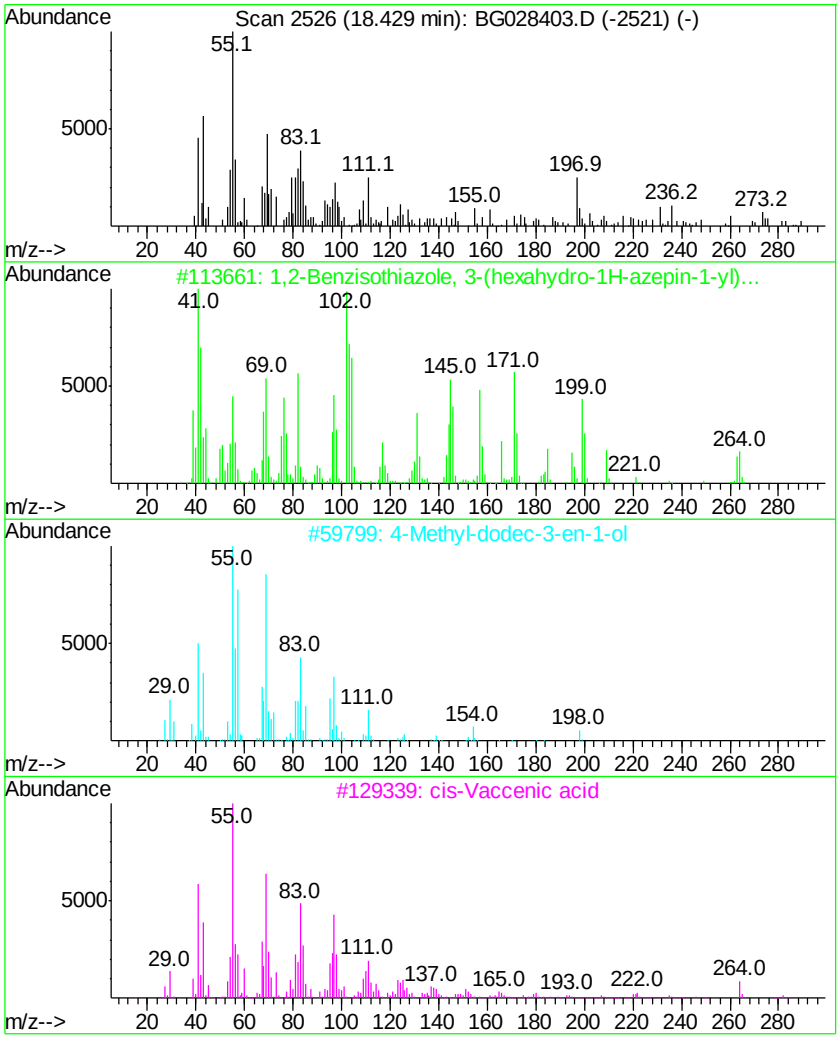
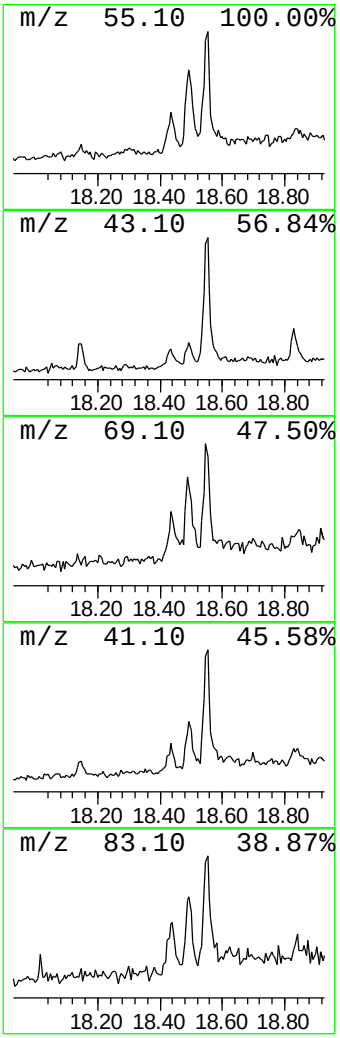
Peak Number 16 1,2-Benzisothiazole, 3-(hex... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	4.48 ng/ul	177200	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazole, 3-(hexahydr...	264	C13H16N2O2S	309735-29-3	91
2	4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	60
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	49
4	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	49
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49





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Quant Title : SVOA CALIBRATION

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

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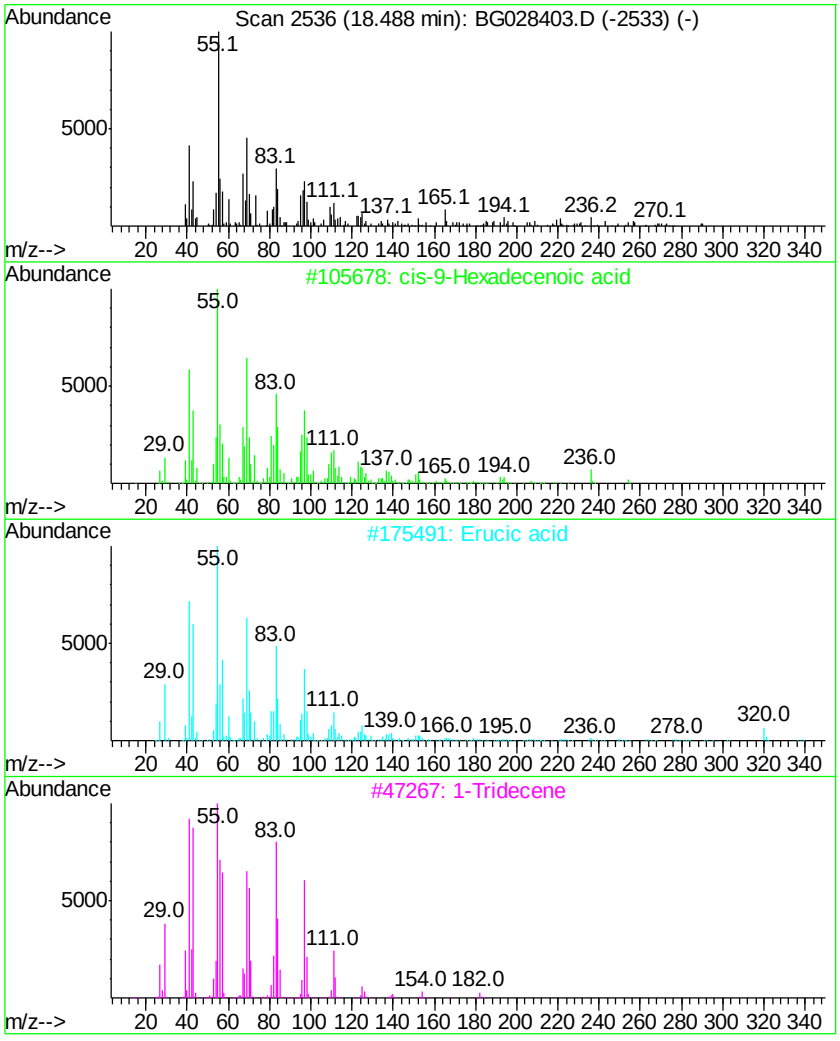
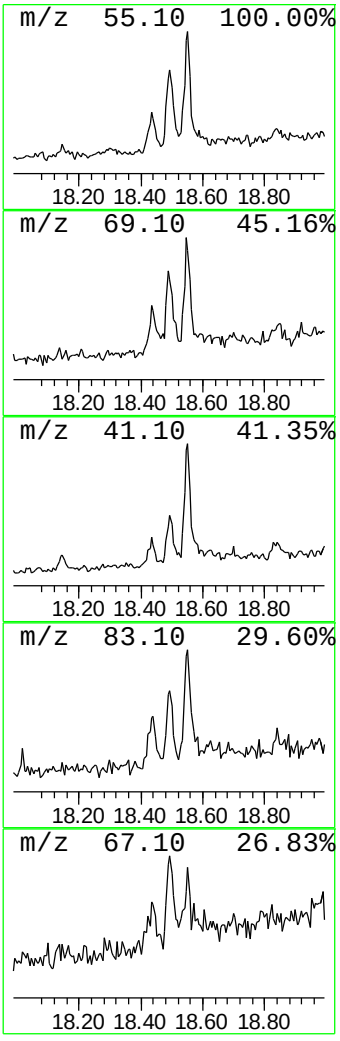
Peak Number 17 cis-9-Hexadecenoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.81 ng/ul	190282	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
2	Erucic acid	338	C22H42O2	000112-86-7	64
3	1-Tridecene	182	C13H26	002437-56-1	64
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	60
5	Palmitoleic acid	254	C16H30O2	000373-49-9	58





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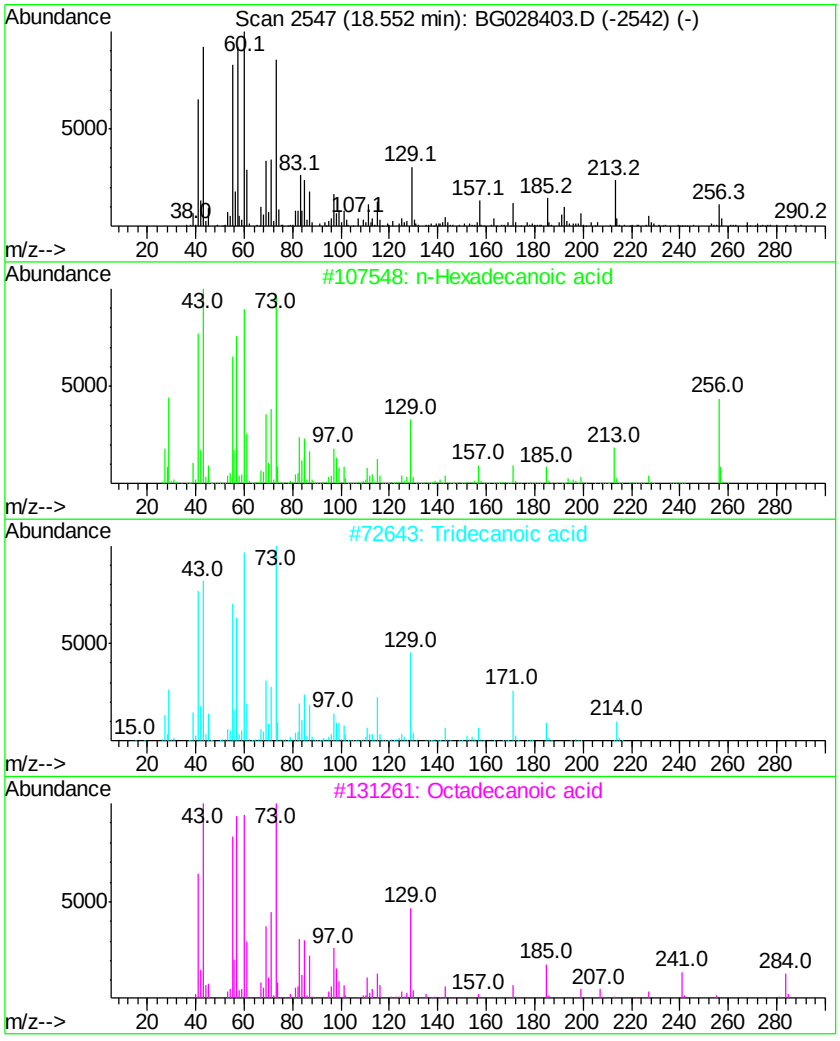
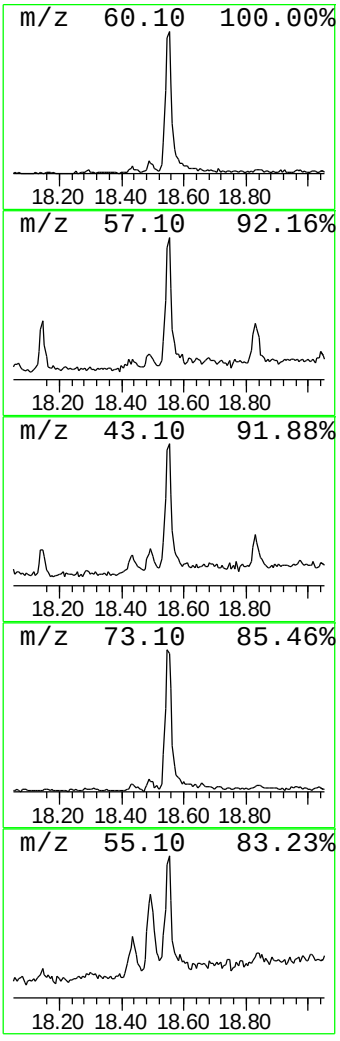
Peak Number 18 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	13.95 ng/ul	552462	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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Instrument : BNA_G
ClientSampleId : C0AH2

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Quant Title : SVOA CALIBRATION

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

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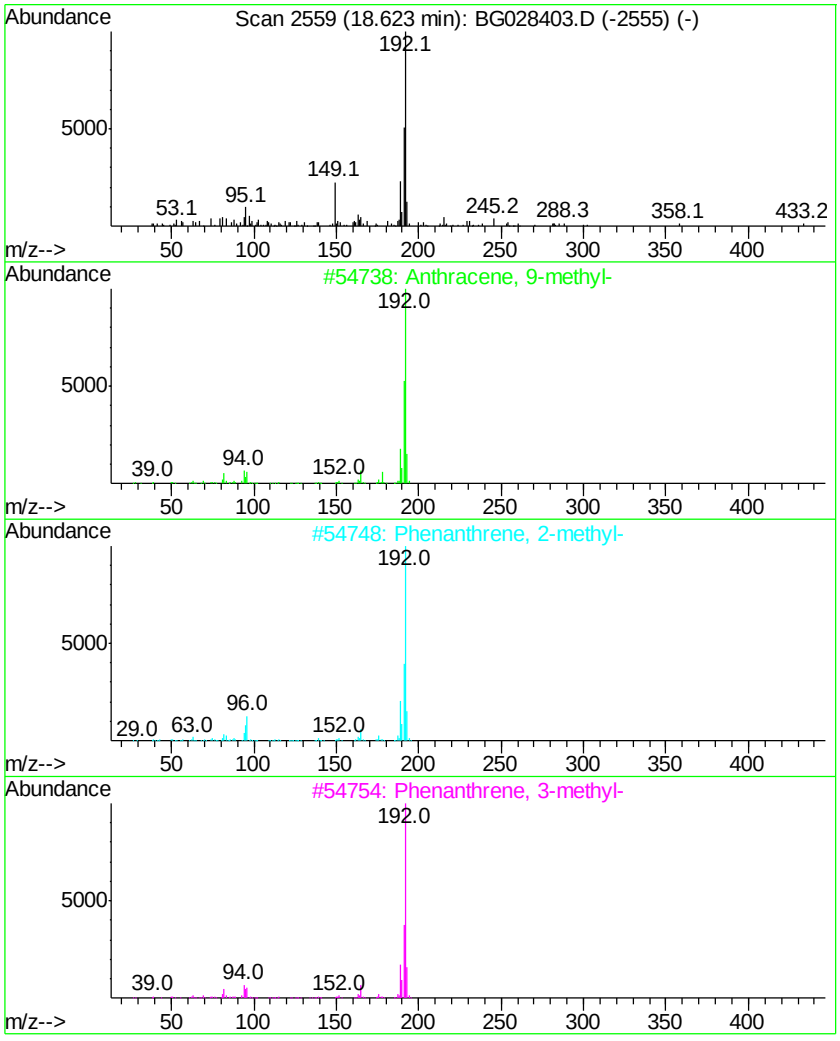
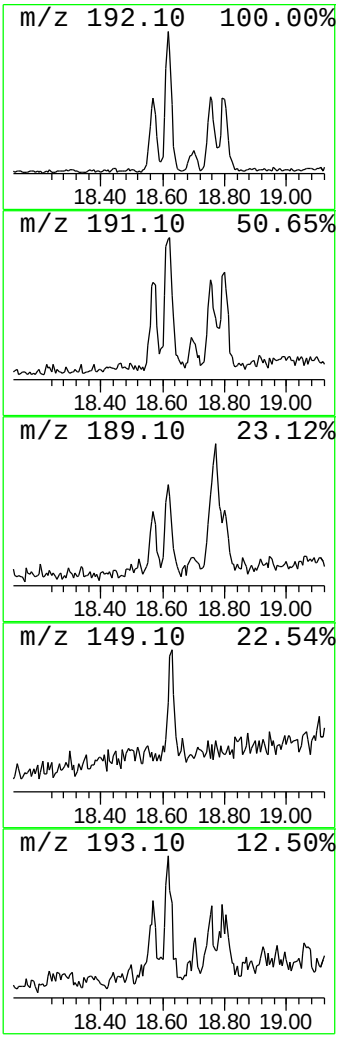
Peak Number 19 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.08 ng/ul	121869	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	70





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028403.D
Acq On : 22 Aug 2017 00:39
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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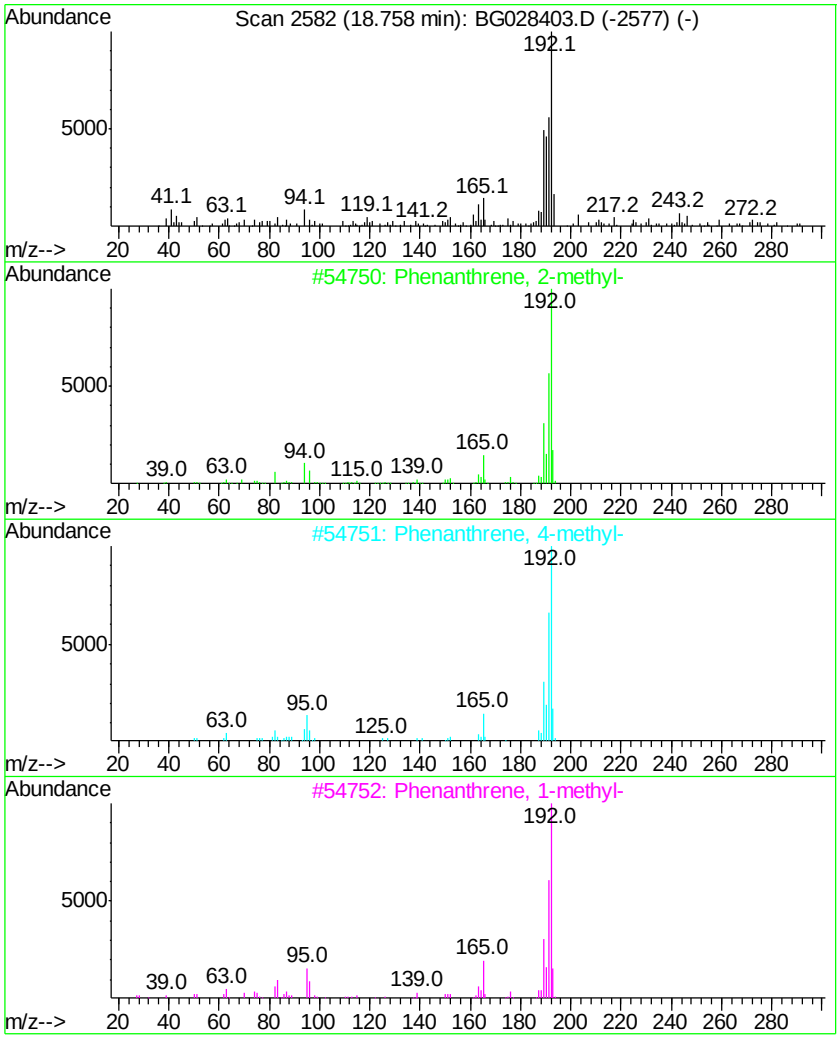
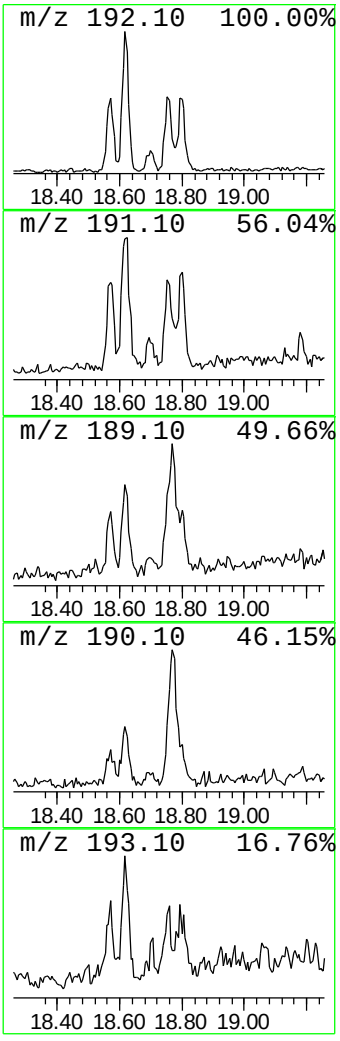
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.69 ng/ul	106504	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58





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Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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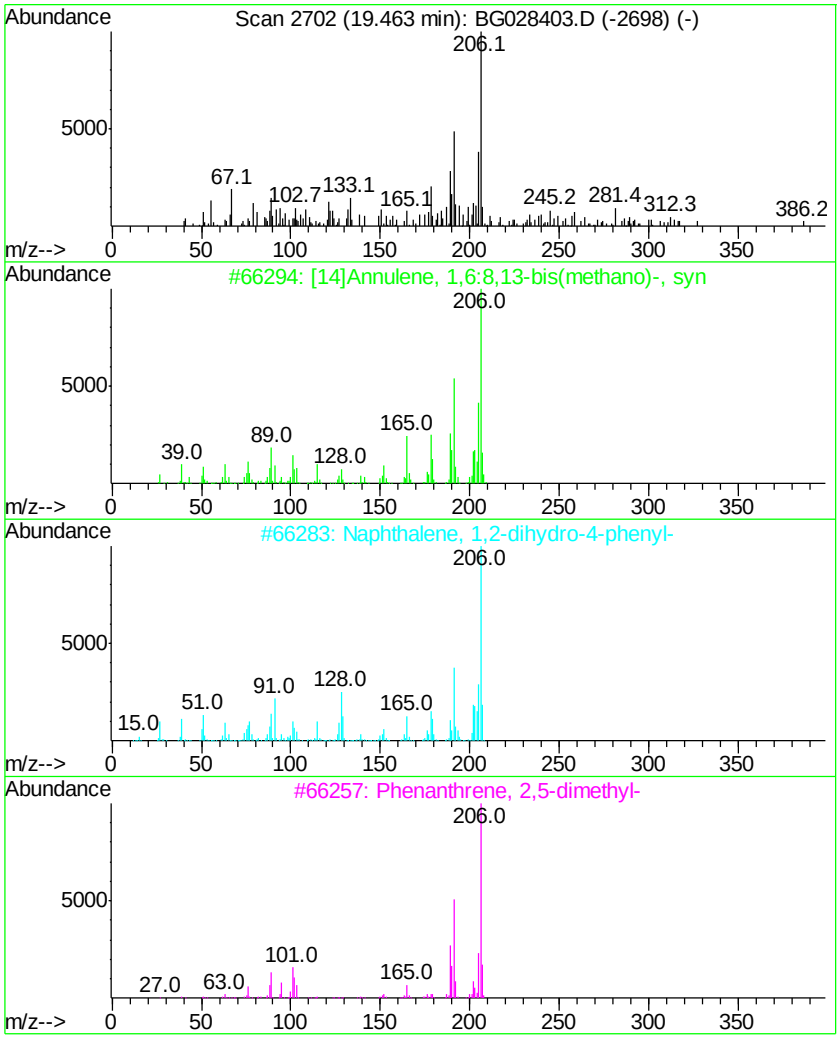
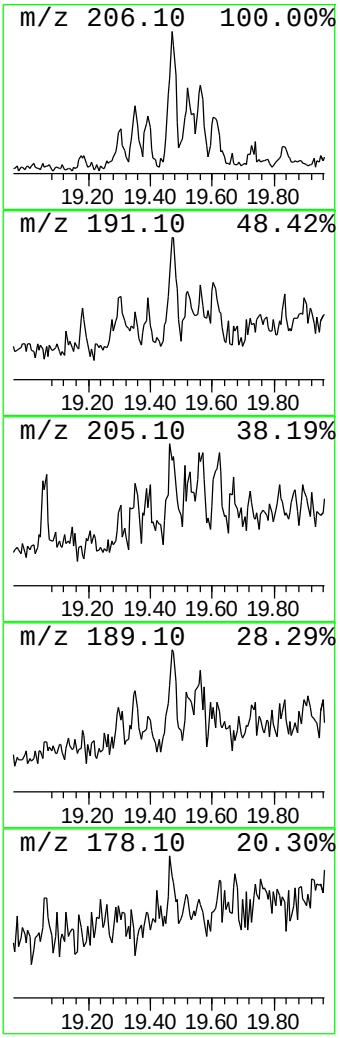
Peak Number 21 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.27 ng/ul	89950	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	93
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	62
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	62
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58





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Data File : BG028403.D
Acq On : 22 Aug 2017 00:39
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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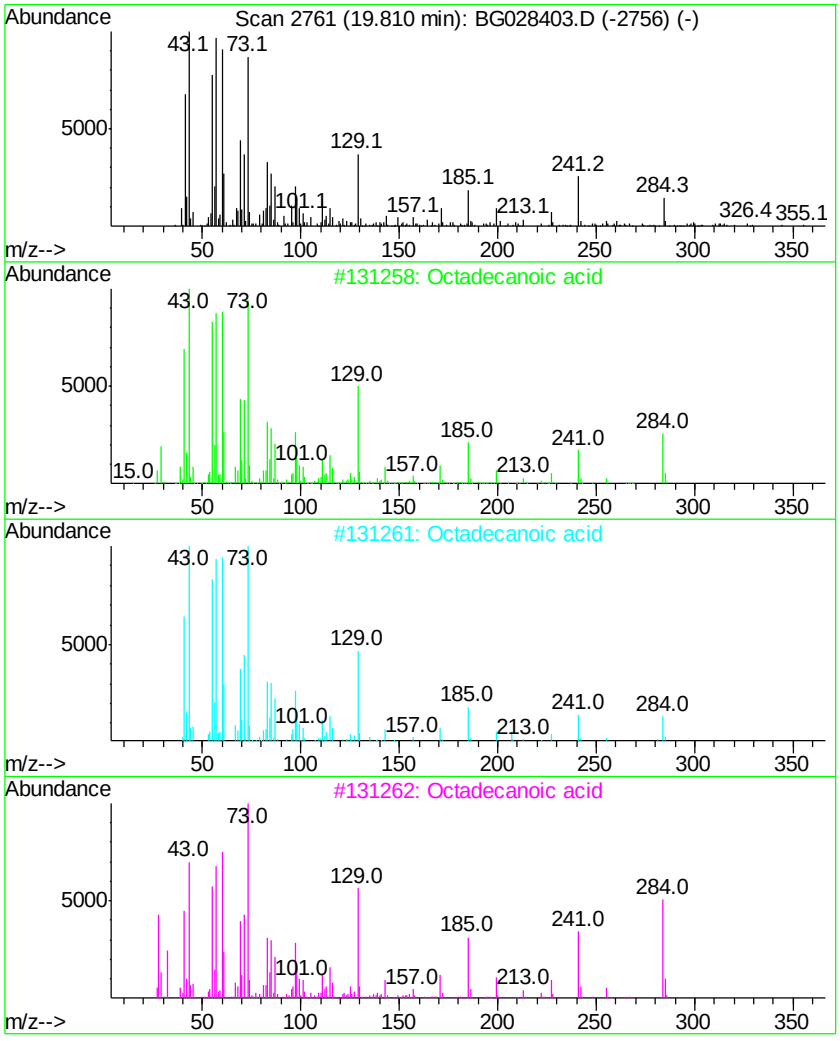
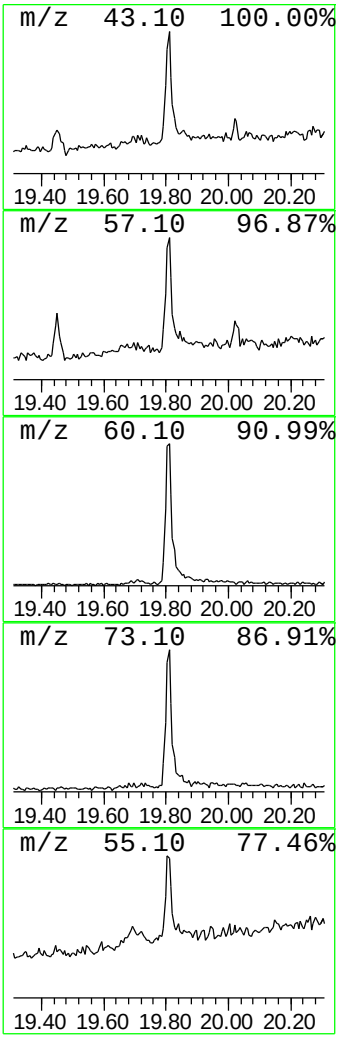
Peak Number 22 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	15.22 ng/ul	602730	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028403.D
Acq On : 22 Aug 2017 00:39
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Cyclobutene, 2-pr...	4.56	2.5	ng/ul	34908	1	8.34	281404	20.0
(DEL) Alkane: Str...	4.76	2.0	ng/ul	28504	1	8.34	281404	20.0
1,3-Cyclopentadie...	6.35	4.9	ng/ul	69031	1	8.34	281404	20.0
Benzene, 1,2,4-tr...	7.98	3.1	ng/ul	43202	1	8.34	281404	20.0
Benzocycloheptatr...	13.01	6.7	ng/ul	148875	2	11.16	441873	20.0
Naphthalene, 1,4-...	14.12	3.7	ng/ul	130868	3	14.95	708362	20.0
Naphthalene, 2,7-...	14.27	3.5	ng/ul	122681	3	14.95	708362	20.0
Naphthalene, 2,3-...	14.50	2.0	ng/ul	71053	3	14.95	708362	20.0
(DEL) Alkane: Str...	15.75	4.7	ng/ul	165674	3	14.95	708362	20.0
6H-Dibenzo[b,d]-p...	16.28	2.0	ng/ul	72056	3	14.95	708362	20.0
(DEL) Alkane: Str...	16.64	6.1	ng/ul	240167	4	17.70	791802	20.0
Chamazulene	17.23	2.5	ng/ul	98124	4	17.70	791802	20.0
(DEL) Alkane: Str...	17.41	2.4	ng/ul	96668	4	17.70	791802	20.0
1,2-Benzisothiazo...	18.43	4.5	ng/ul	177200	4	17.70	791802	20.0
cis-9-Hexadecenoi...	18.49	4.8	ng/ul	190282	4	17.70	791802	20.0
n-Hexadecanoic acid	18.55	13.9	ng/ul	552462	4	17.70	791802	20.0
Anthracene, 9-met...	18.62	3.1	ng/ul	121869	4	17.70	791802	20.0
Phenanthrene, 2-m...	18.76	2.7	ng/ul	106504	4	17.70	791802	20.0
[14]Annulene, 1,6...	19.46	2.3	ng/ul	89950	4	17.70	791802	20.0
Octadecanoic acid	19.81	15.2	ng/ul	602730	4	17.70	791802	20.0