LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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	3.763	25	30	33	rBV2	5762	8916	0.65%	0.043%
2	3.840	38	43	52	rVB5	9542	16528	1.21%	0.080%
3	4.104	82	88	98	rBV	11427	26586	1.95%	0.128%
4	6.983	570	578	586	rBV7	3954	9596	0.70%	0.046%
5	7.512	660	668	682	rBV2	187435	397228	29.11%	1.915%
6	7.671	688	695	708	rBV	125410	217073	15.91%	1.047%
7	7.894	724	733	748	rVB2	169299	319587	23.42%	1.541%
8	8.358	804	812	826	rVV	185498	331046	24.26%	1.596%
9	9.051	923	930	940	rVV2	239365	439393	32.20%	2.118%
10	9.527	1003	1011	1021	rVB	177330	339764	24.90%	1.638%
11	9.633	1022	1029	1039	rVV9	4592	11702	0.86%	0.056%
12	9.903	1069	1075	1080	rVB4	5361	10183	0.75%	0.049%
13	10.250	1124	1134	1143	rBV2	159702	304796	22.33%	1.469%
14	10.591	1183	1192	1194	rBV7	5170	14961	1.10%	0.072%
15	10.796	1219	1227	1237	rVV	255184	472123	34.60%	2.276%
16	10.937	1245	1251	1254	rBV5	5180	10257	0.75%	0.049%
17	11.114	1276	1281	1285	rBV6	8373	15790	1.16%	0.076%
18	11.178	1285	1292	1306	rVB	297706	562372	41.21%	2.711%
19	11.307	1306	1314	1327	rBV2	110529	253165	18.55%	1.221%
20	11.407	1328	1331	1336	rVB6	7354	8787	0.64%	0.042%
21	11.542	1347	1354	1357	rBV6	13353	27145	1.99%	0.131%
22	11.578	1357	1360	1367	rVB3	19553	32927	2.41%	0.159%
23	11.642	1369	1371	1376	rBV3	6976	10231	0.75%	0.049%
24	11.695	1376	1380	1386	rVB3	5436	9294	0.68%	0.045%
25	11.754	1386	1390	1398	rVB7	5574	10121	0.74%	0.049%
26	11.842	1398	1405	1413	rBV6	3921	9858	0.72%	0.048%
27	11.983	1424	1429	1436	rVV4	14105	24463	1.79%	0.118%
28	12.230	1464	1471	1474	rVB8	5013	11166	0.82%	0.054%
29	12.471	1509	1512	1517	rVB6	9373	13913	1.02%	0.067%
30	12.535	1517	1523	1529	rBV2	26324	46381	3.40%	0.224%
31	12.612	1529	1536	1538	rBV5	10214	17467	1.28%	0.084%
32	12.659	1540	1544	1551	rBV5	21370	38118	2.79%	0.184%
33	12.806	1564	1569	1573	rBV2	24145	44697	3.28%	0.215%
34	12.847	1573	1576	1581	rVB2	25100	38096	2.79%	0.184%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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

35	12.964	1593	1596	1602	rVB5	20886	36939	2.71%	0.178%
36	13.023	1602	1606	1611	rVB2	24251	39213	2.87%	0.189%
37	13.111	1614	1621	1626	rBV6	18441	41068	3.01%	0.198%
38	13.205	1633	1637	1649	rVB10	12124	33545	2.46%	0.162%
39	13.317	1650	1656	1660	rBV8	10453	18254	1.34%	0.088%
40	13.381	1662	1667	1670	rBV5	12672	20014	1.47%	0.096%
41	13.558	1694	1697	1705	rVB9	13002	24561	1.80%	0.118%
42	13.669	1706	1716	1723	rBV8	21738	65557	4.80%	0.316%
43	13.752	1724	1730	1740	rVB4	49551	87210	6.39%	0.420%
44	13.840	1741	1745	1749	rVV7	9096	16119	1.18%	0.078%
45	13.928	1751	1760	1766	rBV7	16203	51752	3.79%	0.250%
46	13.998	1767	1772	1785	rVV7	17522	60451	4.43%	0.291%
47	14.145	1787	1797	1806	rVB7	30620	111977	8.21%	0.540%
48	14.233	1807	1812	1815	rBV5	11283	18508	1.36%	0.089%
49	14.286	1815	1821	1825	rVV4	43784	96535	7.07%	0.465%
50	14.351	1825	1832	1836	rVV	463615	726909	53.27%	3.504%
51	14.398	1836	1840	1847	rVB	213422	324619	23.79%	1.565%
52	14.521	1854	1861	1864	rBV6	28635	59755	4.38%	0.288%
53	14.662	1877	1885	1896	rVB	468532	824442	60.41%	3.975%
54	14.739	1896	1898	1903	rBV5	14089	22018	1.61%	0.106%
55	14.815	1907	1911	1916	rBV	60891	83933	6.15%	0.405%
56	14.968	1926	1937	1945	rBV3	462022	859905	63.01%	4.146%
57	15.091	1953	1958	1964	rBV	43186	72069	5.28%	0.347%
58	15.162	1964	1970	1979	rVB2	152229	316804	23.21%	1.527%
59	15.350	1997	2002	2010	rVB8	43840	111004	8.13%	0.535%
60	15.420	2010	2014	2022	rBV6	38049	76519	5.61%	0.369%
61	15.579	2036	2041	2045	rVB7	22489	39025	2.86%	0.188%
62	15.620	2045	2048	2057	rVB10	30181	54601	4.00%	0.263%
63	15.720	2058	2065	2069	rBV6	41342	105179	7.71%	0.507%
64	15.767	2069	2073	2081	rVB2	73245	118984	8.72%	0.574%
65	15.879	2088	2092	2098	rBV	68831	108880	7.98%	0.525%
66	15.949	2098	2104	2110	rBV	586631	924602	67.75%	4.458%
67	16.067	2118	2124	2133	rVB	215283	352844	25.86%	1.701%
68	16.166	2137	2141	2144	rBV5	16410	22800	1.67%	0.110%
69	16.260	2154	2157	2160	rBV5	23931	36584	2.68%	0.176%
70	16.384	2174	2178	2182	rBV6	28030	41934	3.07%	0.202%
71	16.548	2202	2206	2208	rBV5	22148	34800	2.55%	0.168%

LSC Area Percent Report

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Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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

72	16.625	2214	2219	2223	rBV2	113976	142907	10.47%	0.689%
73	16.719	2232	2235	2240	rVB7	27558	37977	2.78%	0.183%
74	16.854	2255	2258	2261	rVB3	38906	39239	2.88%	0.189%
75	16.983	2276	2280	2289	rBV7	45567	123830	9.07%	0.597%
76	17.065	2289	2294	2299	rBV4	31837	59880	4.39%	0.289%
77	17.371	2343	2346	2350	rVV6	29596	41945	3.07%	0.202%
78	17.418	2350	2354	2362	rVB3	116140	219782	16.11%	1.060%
79	17.547	2372	2376	2387	rVB2	69481	119772	8.78%	0.577%
80	17.647	2390	2393	2397	rBV5	17283	29373	2.15%	0.142%
81	17.712	2397	2404	2409	rBV2	530895	908896	66.60%	4.382%
82	17.812	2415	2421	2430	rVB	658359	1032088	75.63%	4.976%
83	18.123	2471	2474	2477	rBV5	29072	45347	3.32%	0.219%
84	18.158	2477	2480	2490	rVB2	110161	185443	13.59%	0.894%
85	18.564	2544	2549	2557	rBV2	141458	296429	21.72%	1.429%
86	18.769	2580	2584	2588	rBV6	45952	94092	6.89%	0.454%
87	18.846	2594	2597	2601	rVB	123044	140313	10.28%	0.676%
88	19.468	2699	2703	2710	rVB2	228448	310910	22.78%	1.499%
89	20.009	2792	2795	2797	rBV	254190	286238	20.98%	1.380%
90	20.038	2798	2800	2803	rVV	293814	283140	20.75%	1.365%
91	20.085	2803	2808	2819	rVB2	790201	1364659	100.00%	6.579%
92	20.567	2886	2890	2900	rVB2	203555	290935	21.32%	1.403%
93	21.055	2969	2973	2975	rBV	204128	270737	19.84%	1.305%
94	21.613	3064	3068	3079	rVB2	172543	303184	22.22%	1.462%
95	22.048	3135	3142	3148	rVB	560214	1004738	73.63%	4.844%
96	22.171	3160	3163	3172	rVB3	85708	187639	13.75%	0.905%
97	25.320	3690	3699	3709	rVB2	341239	980887	71.88%	4.729%
98	25.561	3733	3740	3756	rVB2	298362	917710	67.25%	4.424%
99	26.208	3845	3850	3860	rVB7	98564	269871	19.78%	1.301%
100	26.872	3955	3963	3976	rVB6	189478	610563	44.74%	2.944%

Sum of corrected areas: 20742167

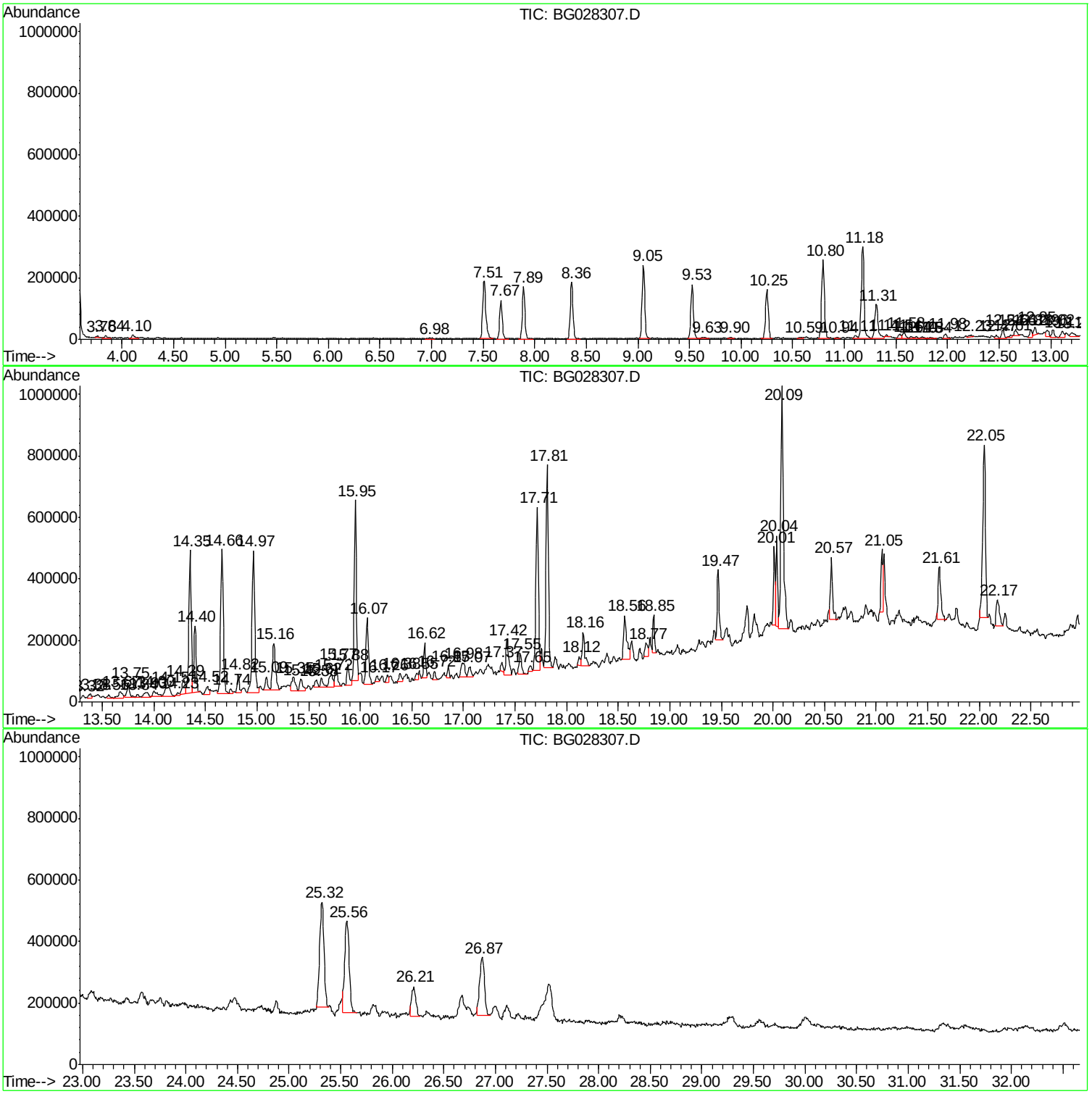
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC6

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



Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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

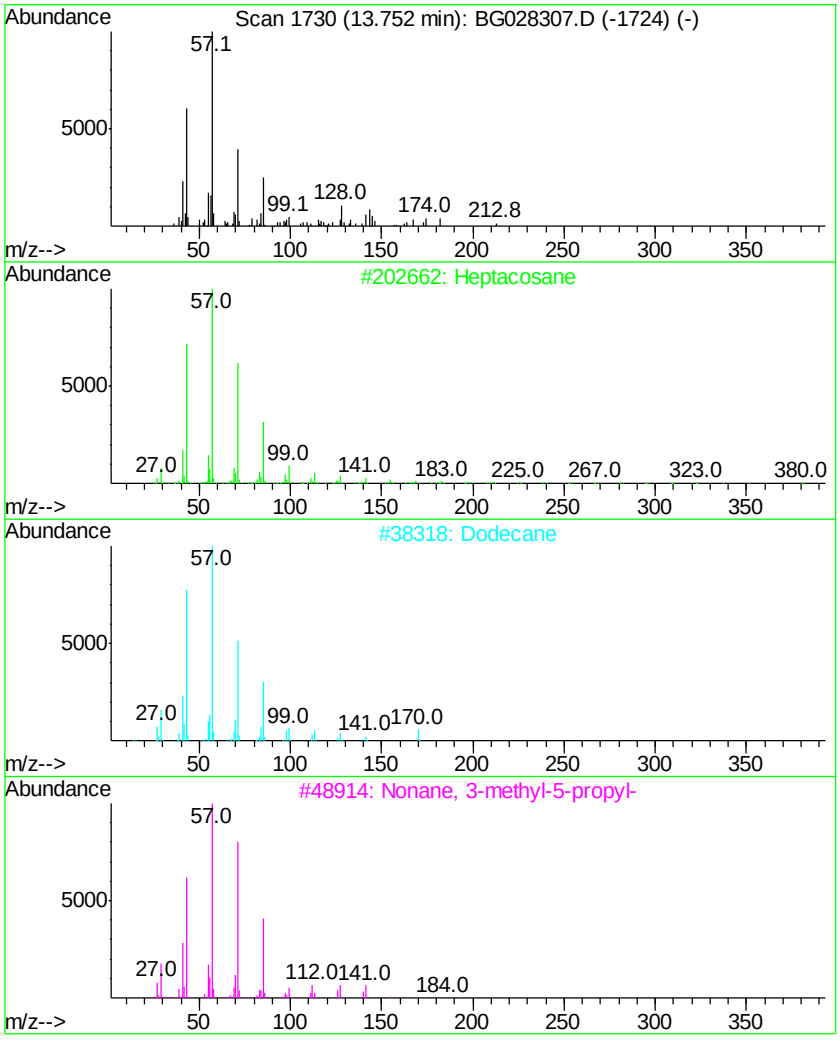
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

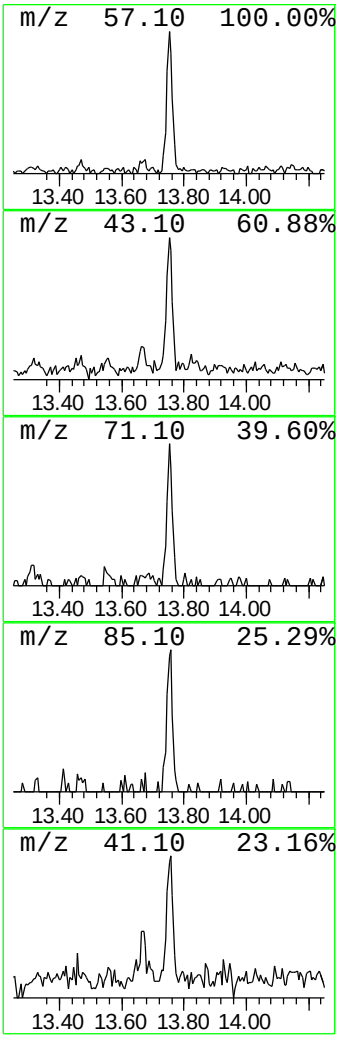
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.03 ng/ul	87210	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	50
2	Dodecane	170	C12H26	000112-40-3	50
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
4	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	49
5	Tetradecane	198	C14H30	000629-59-4	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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

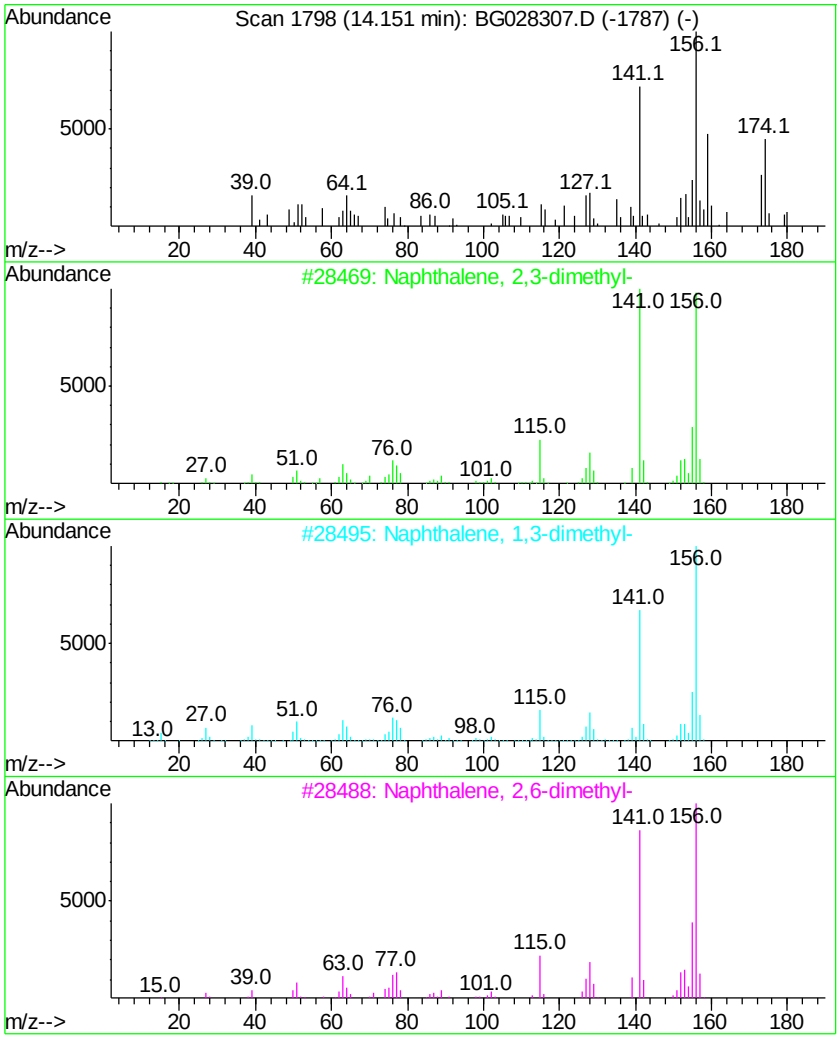
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

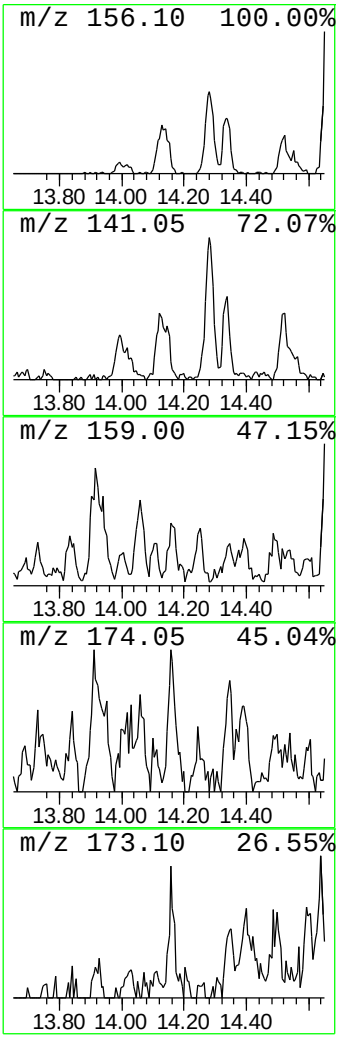
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.60 ng/ul	111977	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	78
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	70
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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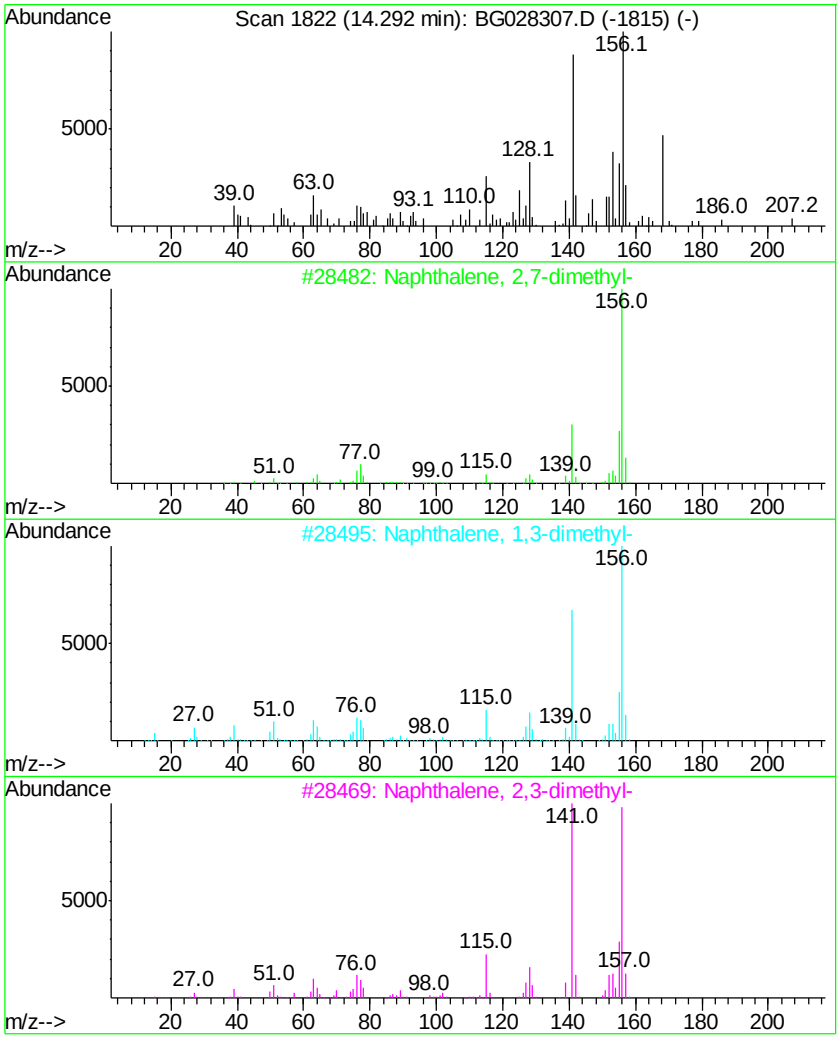
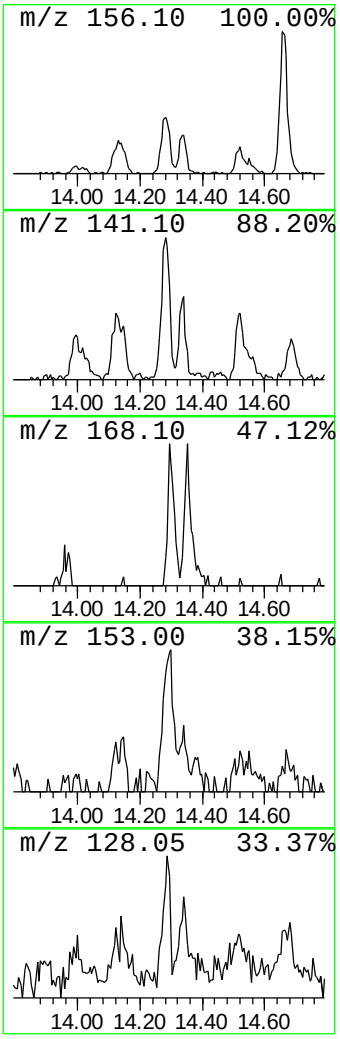
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.25 ng/ul	96535	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	89





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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

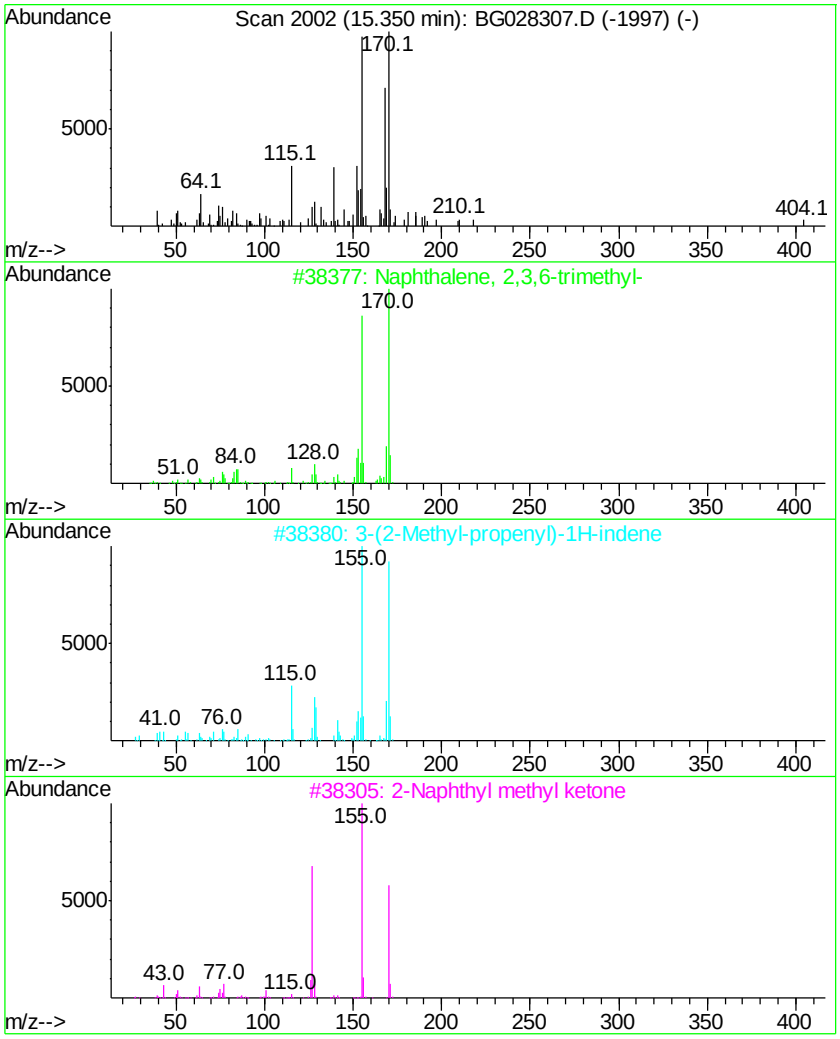
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

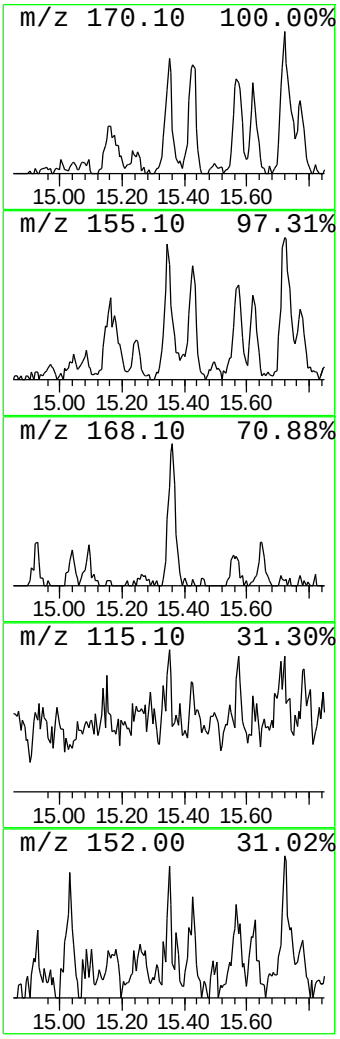
****

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	2.58 ng/ul	111004	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	43
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	43
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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

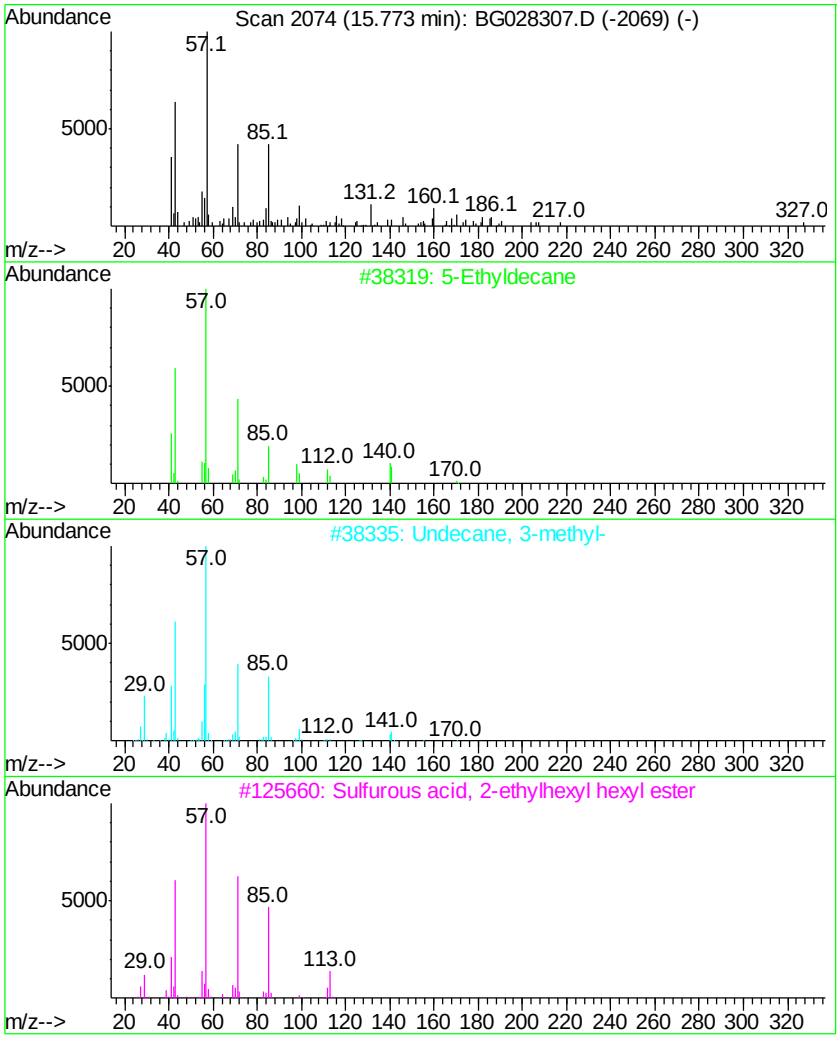
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

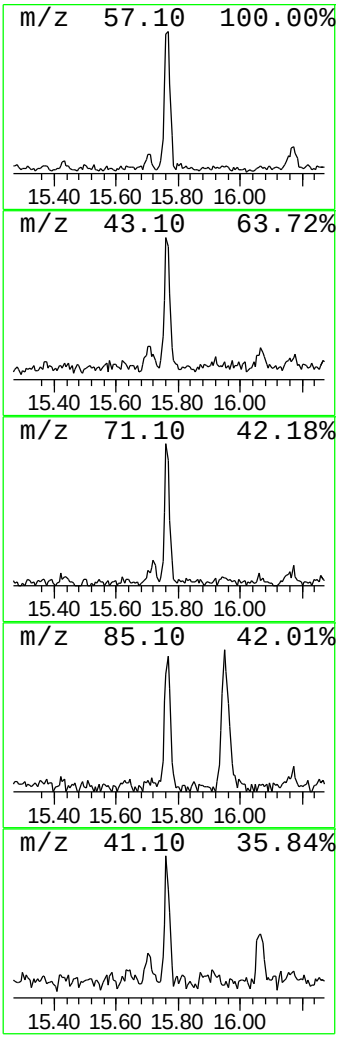
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.77 ng/ul	118984	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	64
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	58





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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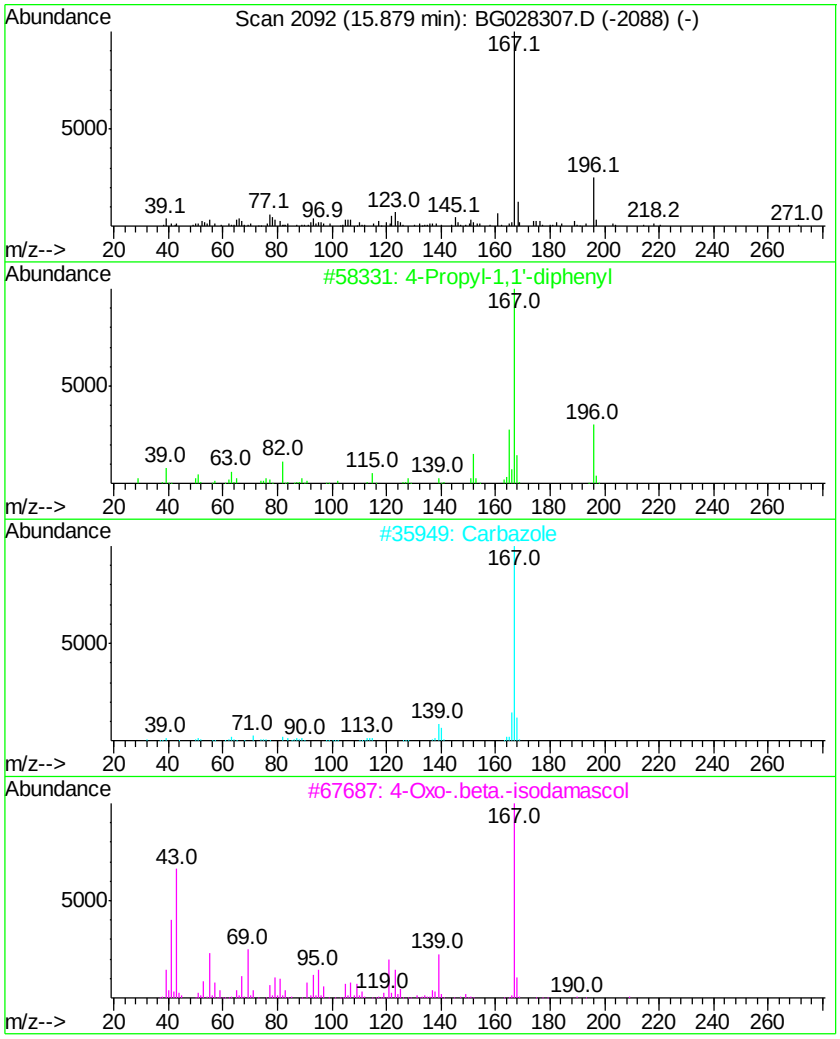
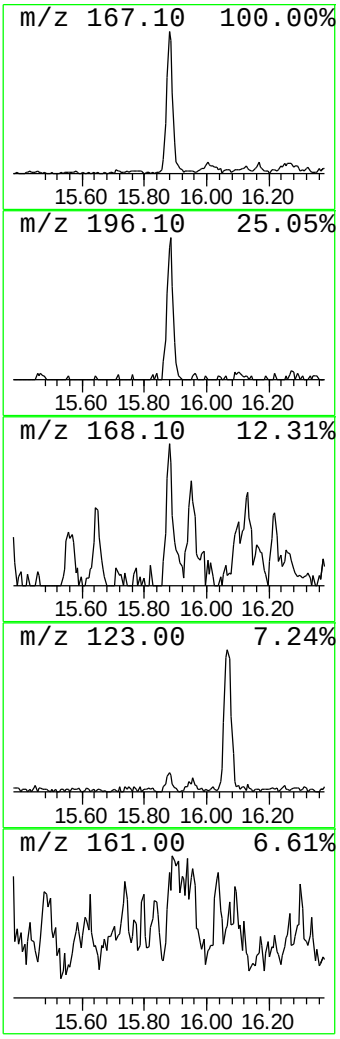
Peak Number 7 4-Propyl-1,1'-diphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	2.53 ng/ul	108880	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	72
2	Carbazole	167	C12H9N	000086-74-8	49
3	4-Oxo-.beta.-isodamascol	208	C13H20O2	1000108-91-1	40
4	Mandelic acid, 3,4-dimethoxy-, m...	226	C11H14O5	002911-73-1	40
5	5-(.beta.-Bromoallyl)-5-(1-methy...	316	C12H17BrN2O3	001216-40-6	40





Library Search Compound Report

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Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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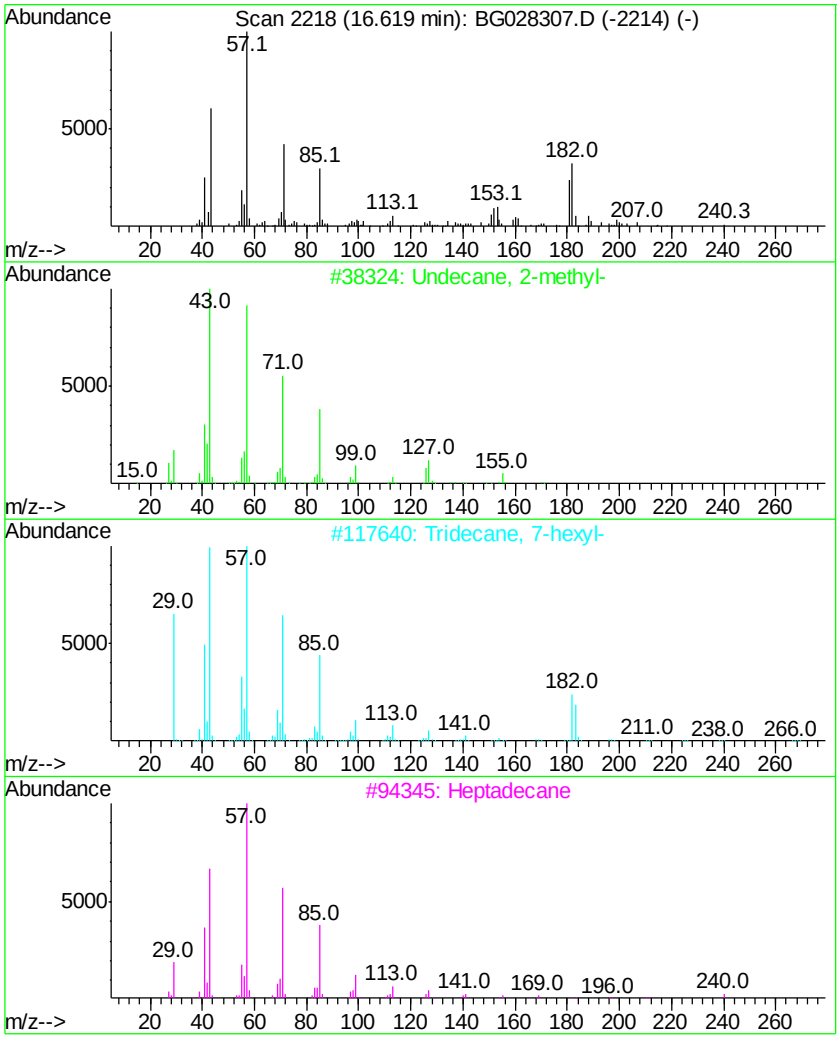
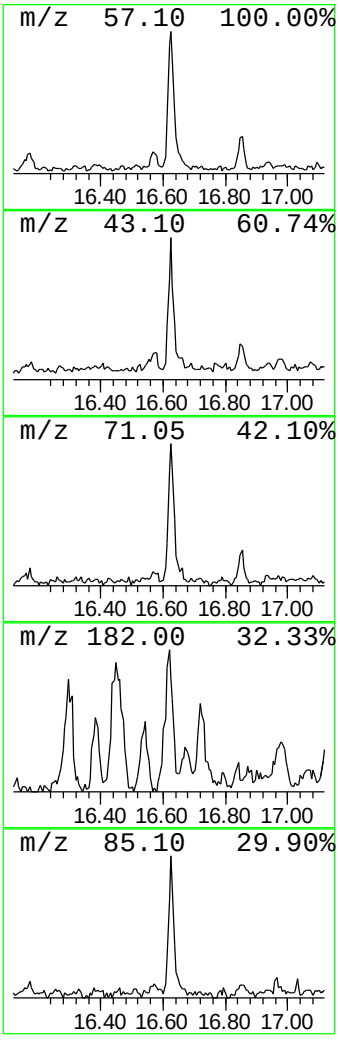
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.14 ng/ul	142907	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	70
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
3	Heptadecane	240	C17H36	000629-78-7	50
4	1-Iodoundecane	282	C11H23I	004282-44-4	50
5	Tridecane	184	C13H28	000629-50-5	50





Library Search Compound Report

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Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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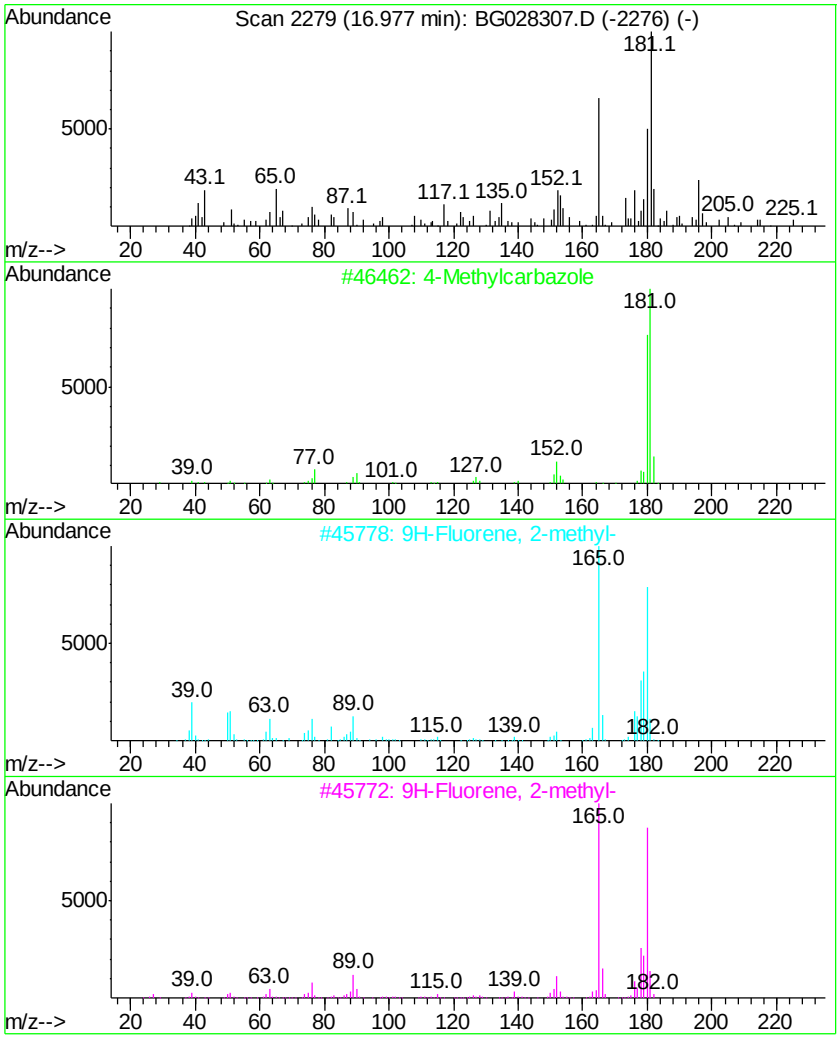
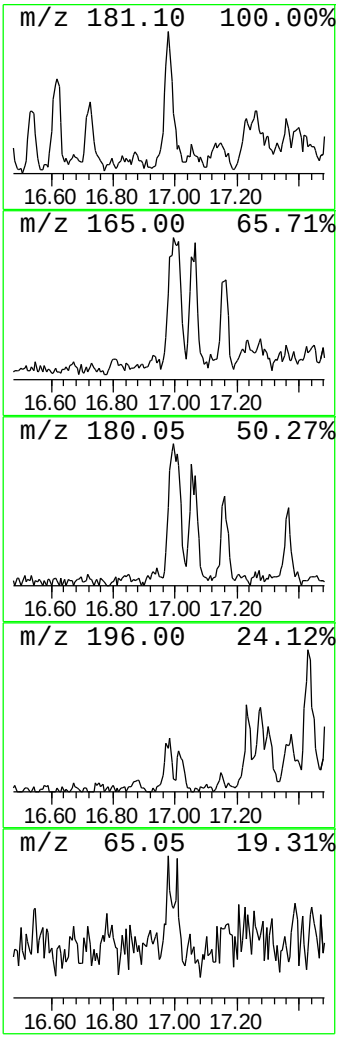
Peak Number 9 4-Methylcarbazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	2.72 ng/ul	123830	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	50
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	45
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	41
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	41
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	41





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Operator : SJ/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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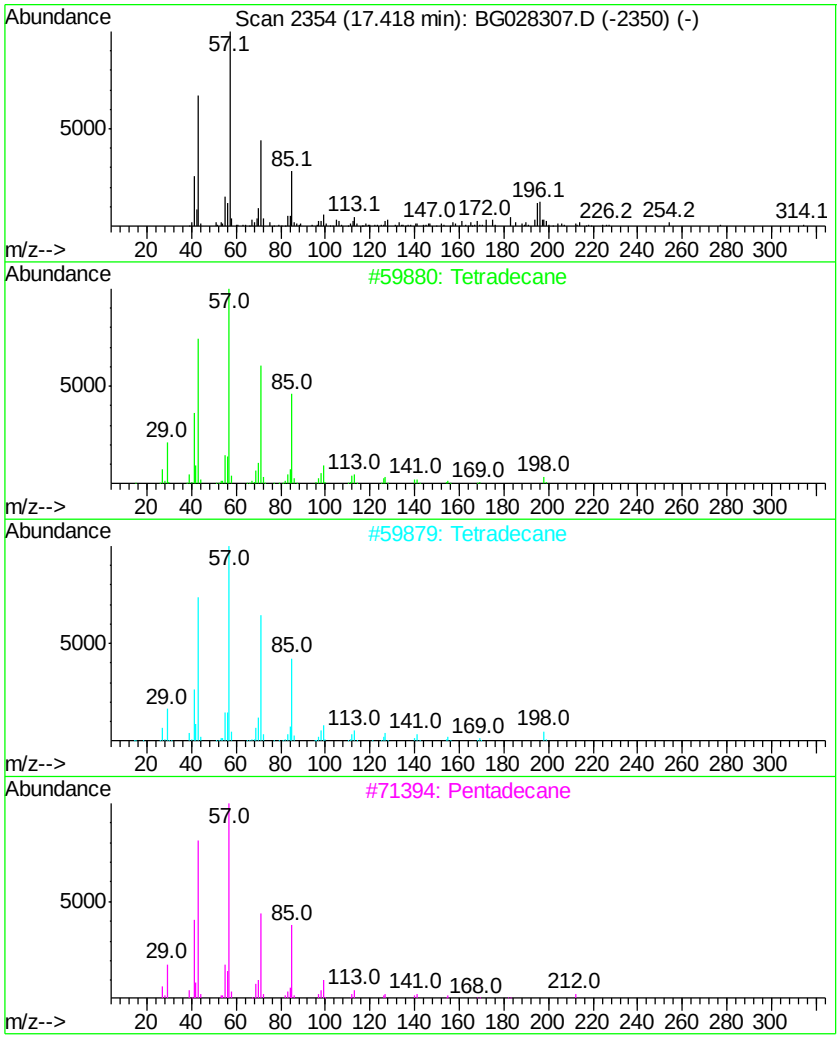
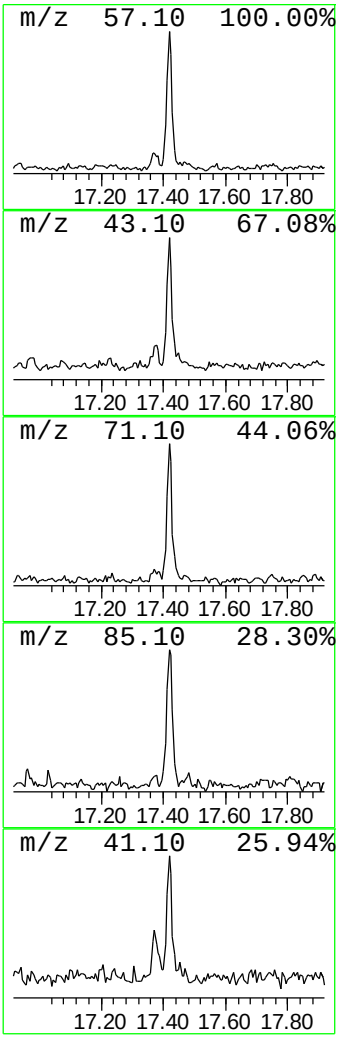
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	4.84 ng/ul	219782	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Tetradecane	198	C14H30	000629-59-4	83
3	Pentadecane	212	C15H32	000629-62-9	62
4	Hexadecane	226	C16H34	000544-76-3	58
5	Pentadecane	212	C15H32	000629-62-9	58





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Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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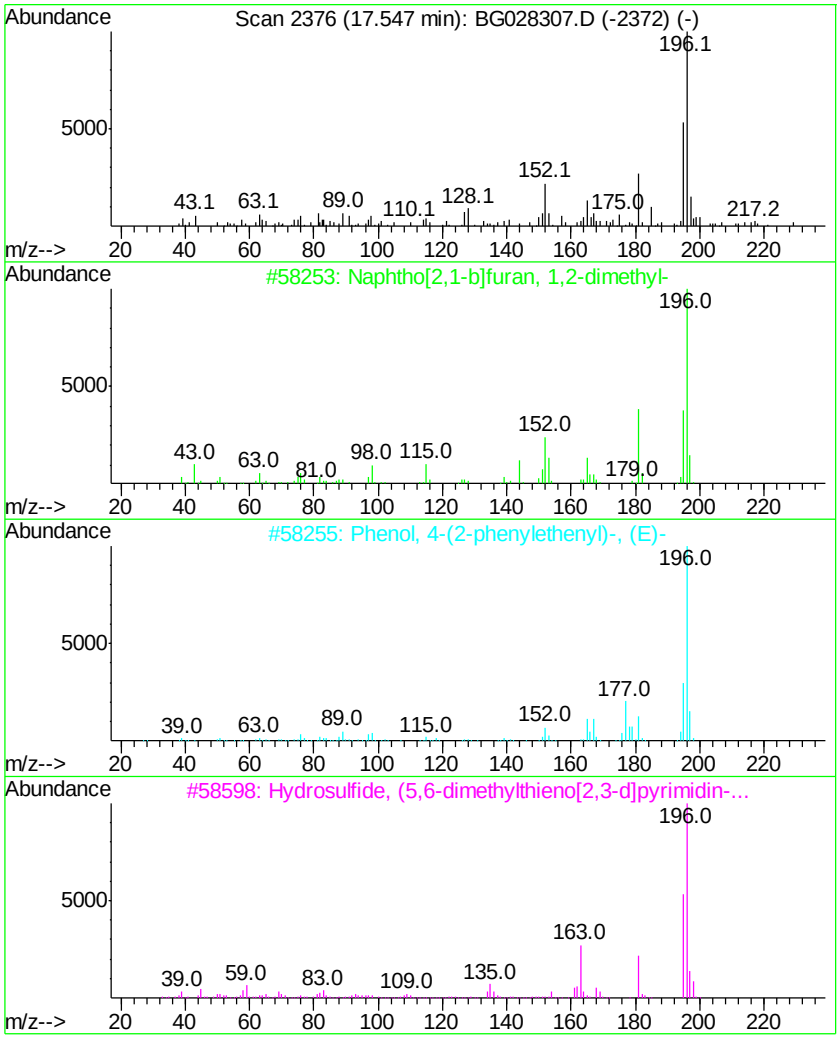
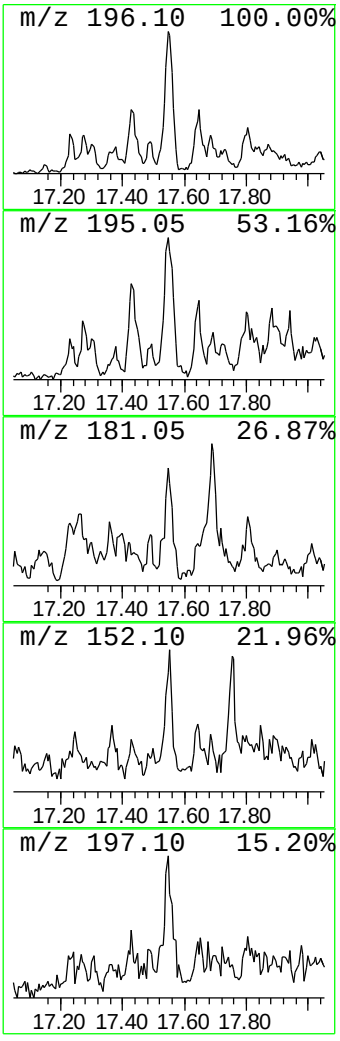
Peak Number 11 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	2.64 ng/ul	119772	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	64
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
3	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	53
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	52





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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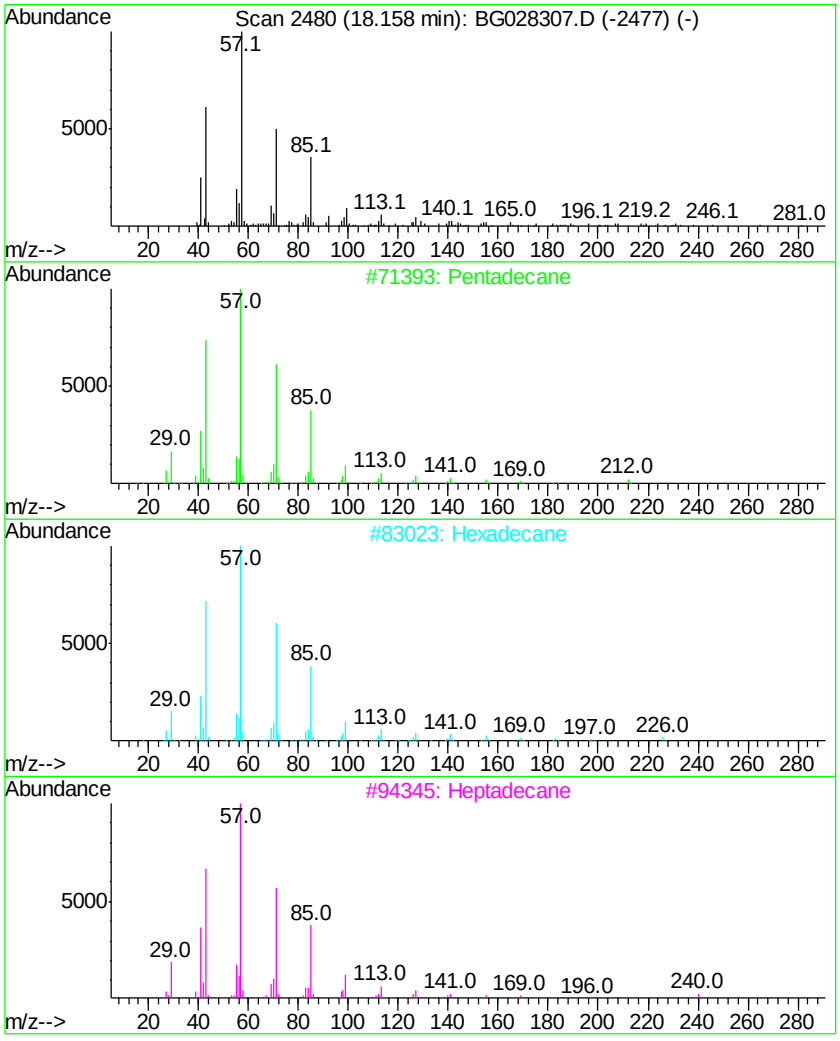
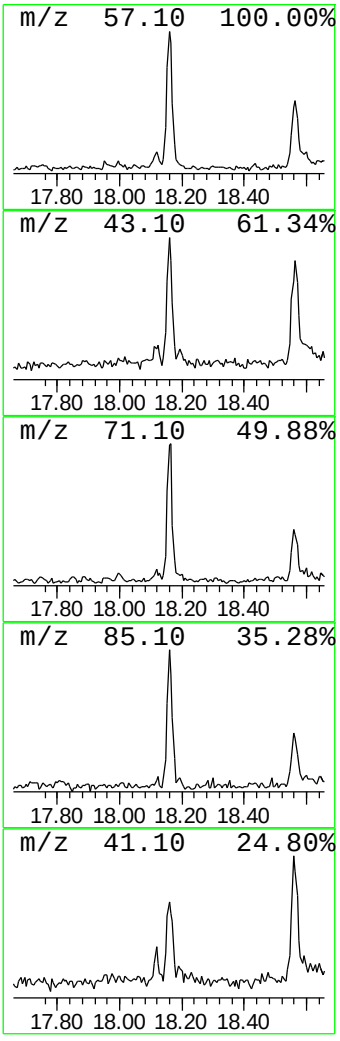
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	4.08 ng/ul	185443	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptadecane	240	C17H36	000629-78-7	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Tetracosane	338	C24H50	000646-31-1	72





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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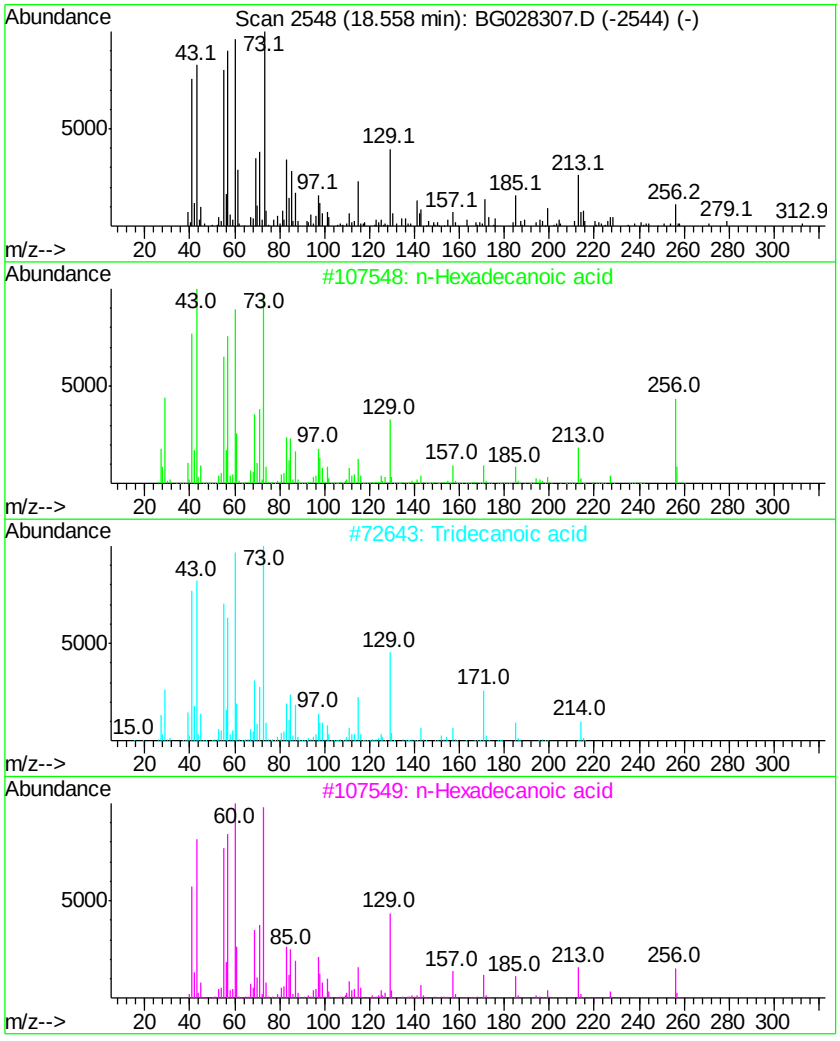
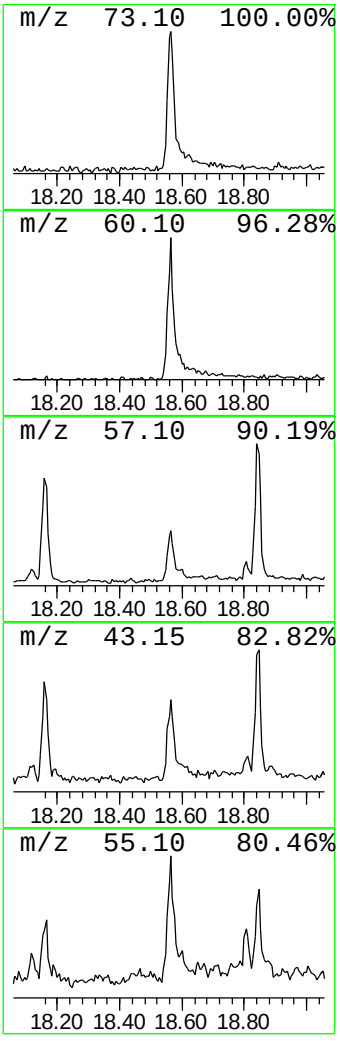
Peak Number 13 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	6.52 ng/ul	296429	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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 Phenanthrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.07 ng/ul	94092	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	58
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	58
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
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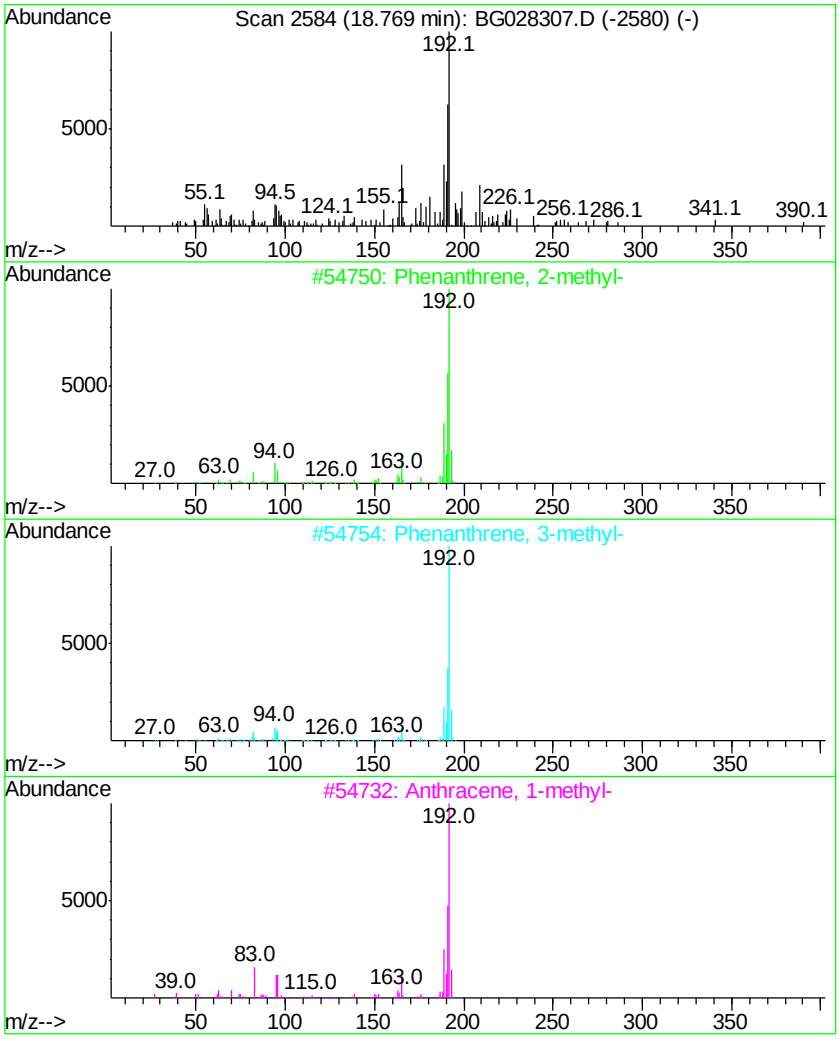

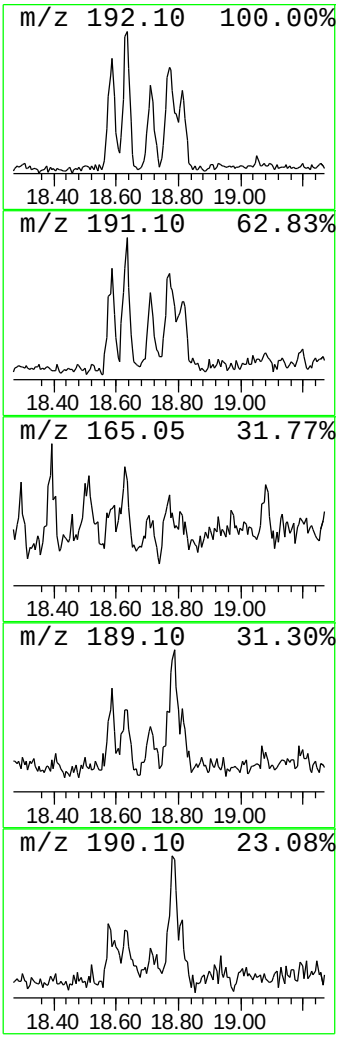

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Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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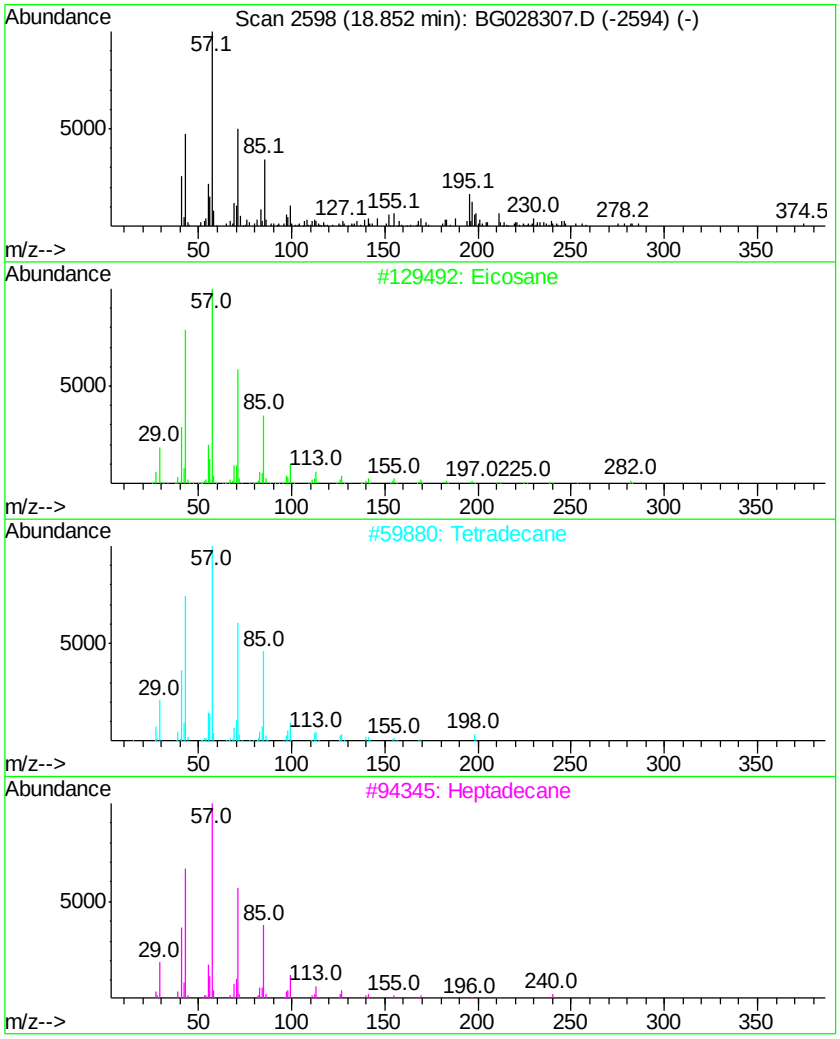
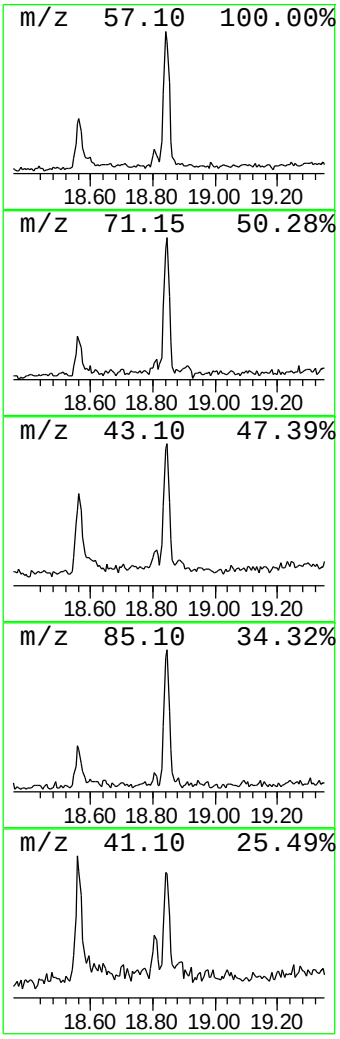
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.09 ng/ul	140313	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetradecane	198	C14H30	000629-59-4	93
3	Heptadecane	240	C17H36	000629-78-7	92
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87





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Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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Quant Title : SVOA CALIBRATION

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

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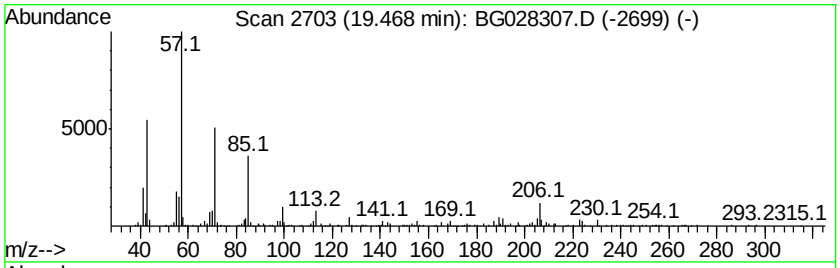
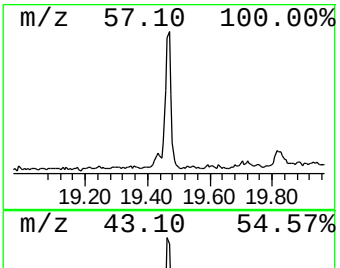
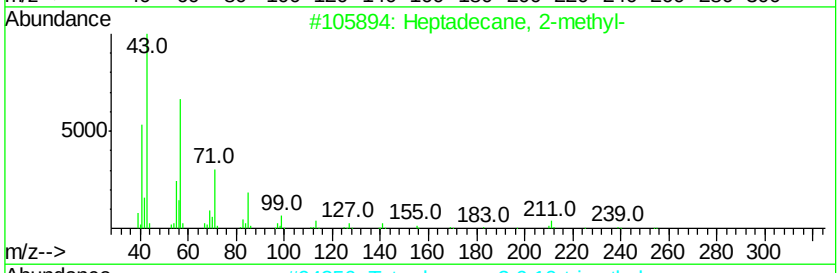
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

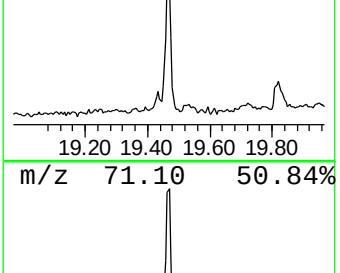
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	6.84 ng/ul	310910	Phenanthrene-d10	17.71

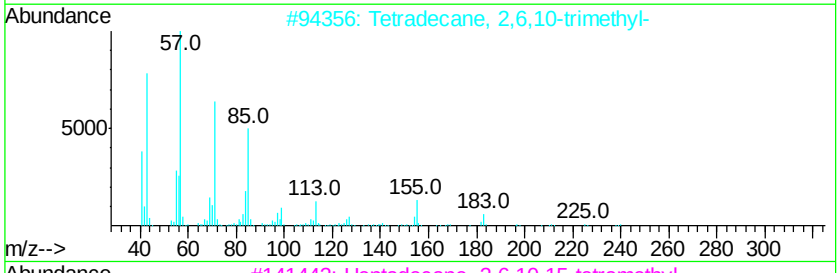
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	74
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	70
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70
4	Eicosane	282	C20H42	000112-95-8	64
5	Pentadecane	212	C15H32	000629-62-9	55

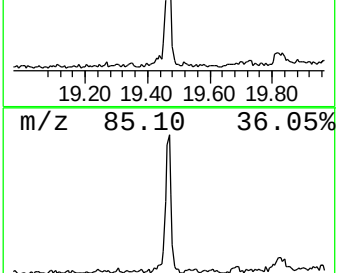


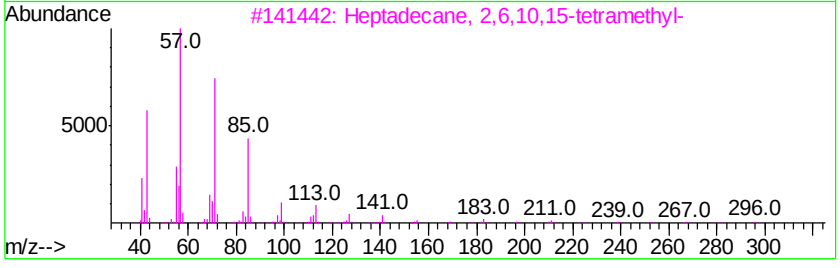


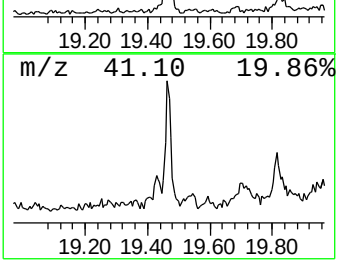












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Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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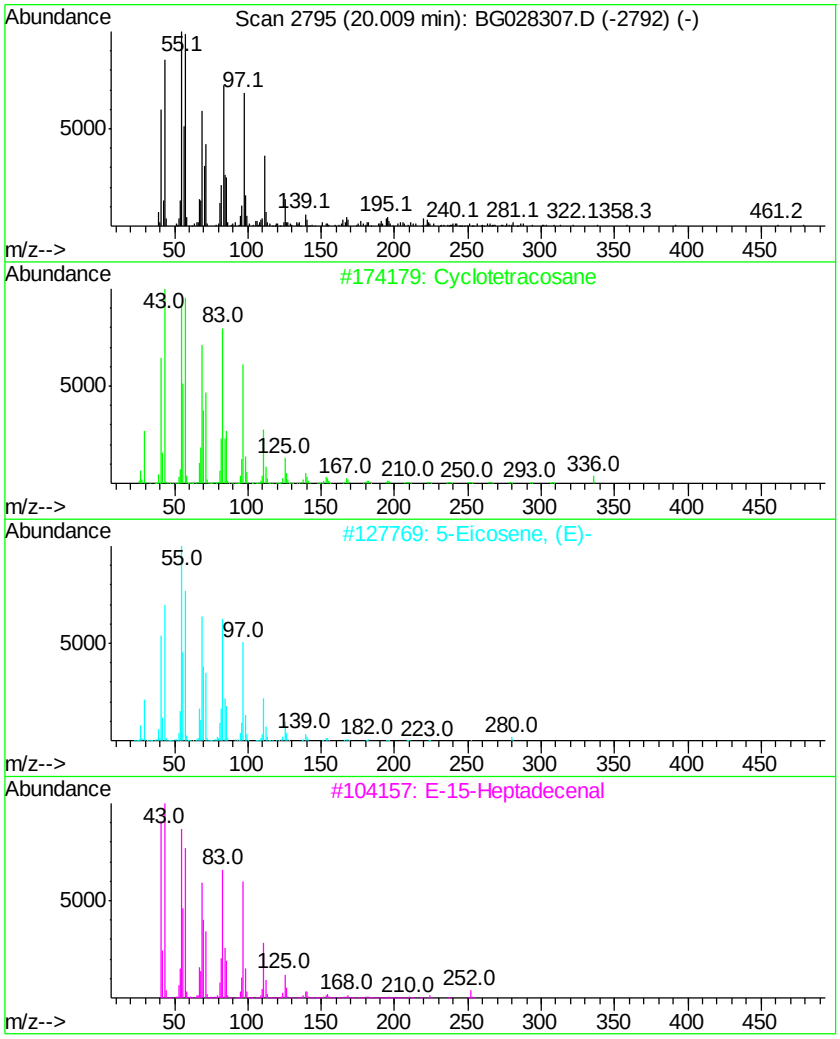
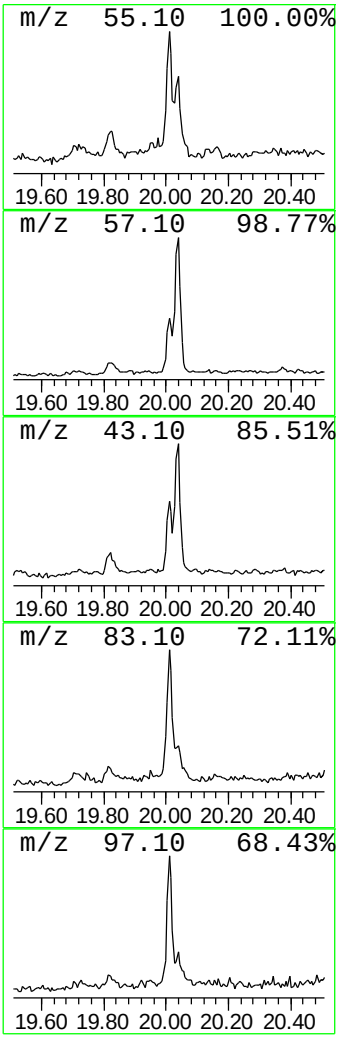
Peak Number 17 (DEL) Alkane: Cyclic20.01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	5.70 ng/ul	286238	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	90
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
4	Cyclooctacosane	392	C28H56	000297-24-5	87
5	1-Tricosene	322	C23H46	018835-32-0	87





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Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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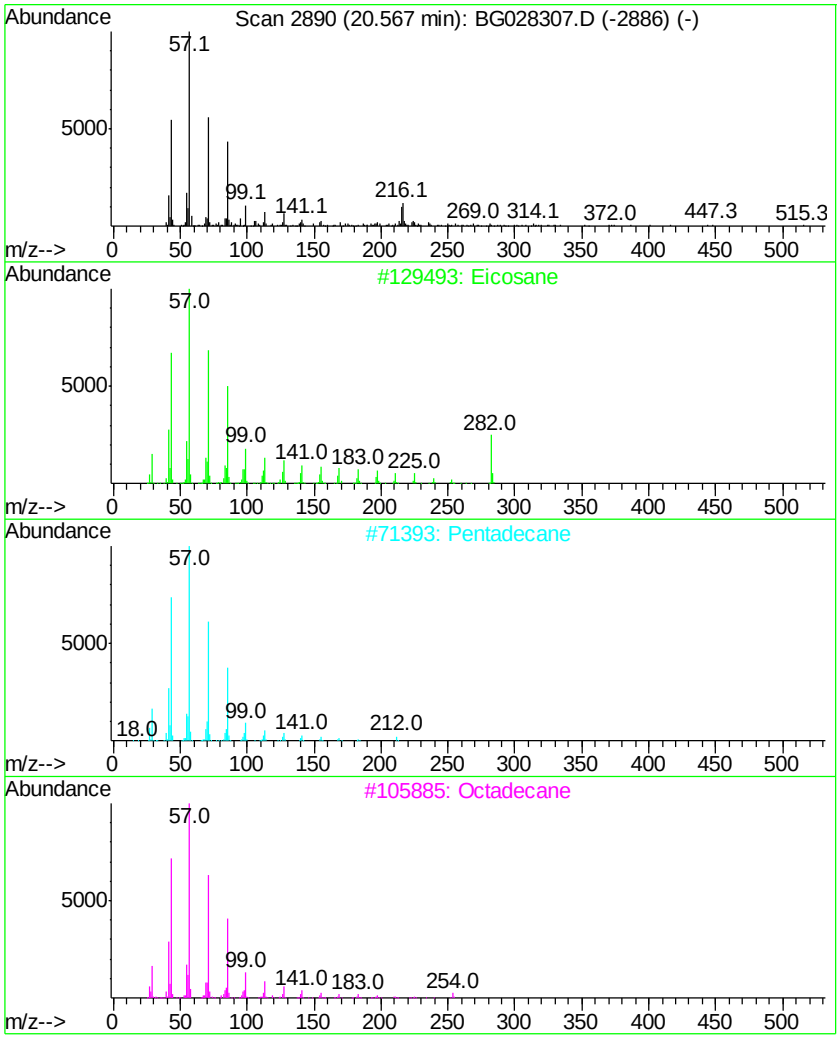
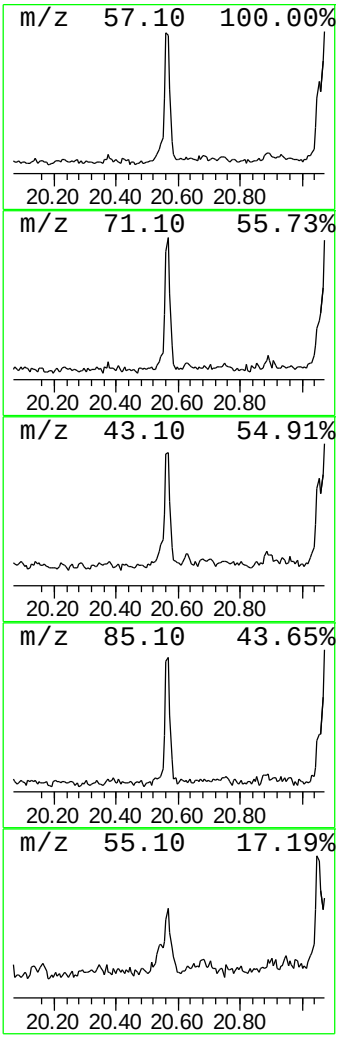
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	5.79 ng/ul	290935	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	68
2	Pentadecane	212	C15H32	000629-62-9	68
3	Octadecane	254	C18H38	000593-45-3	68
4	Tricosane	324	C23H48	000638-67-5	64
5	Tricosane	324	C23H48	000638-67-5	64





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Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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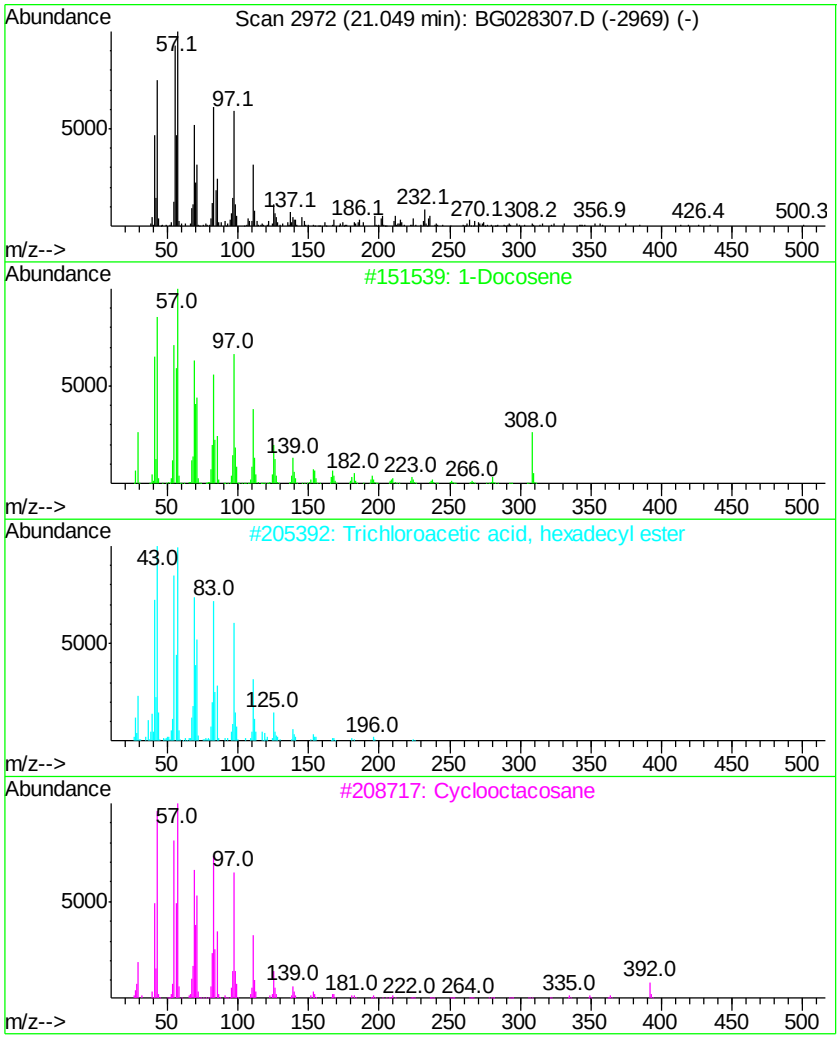
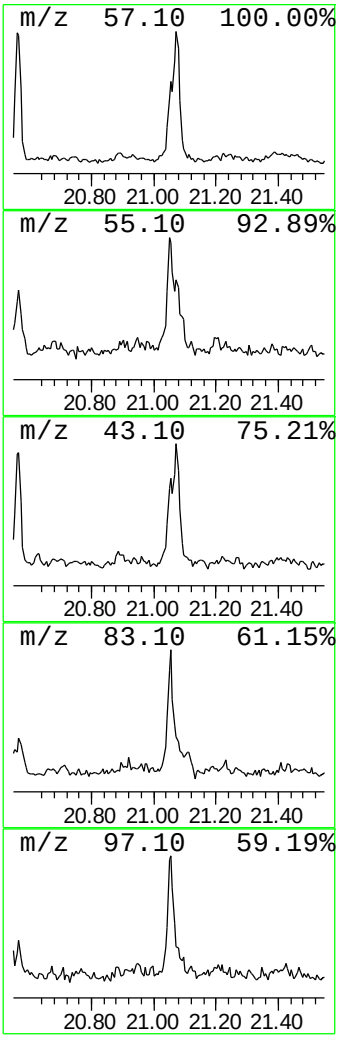
Peak Number 19 (DEL) Alkane: Cyclic21.05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	5.39 ng/ul	270737	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Cyclooctacosane	392	C28H56	000297-24-5	87
4	Octacosanol	410	C28H58O	000557-61-9	81
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	74





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Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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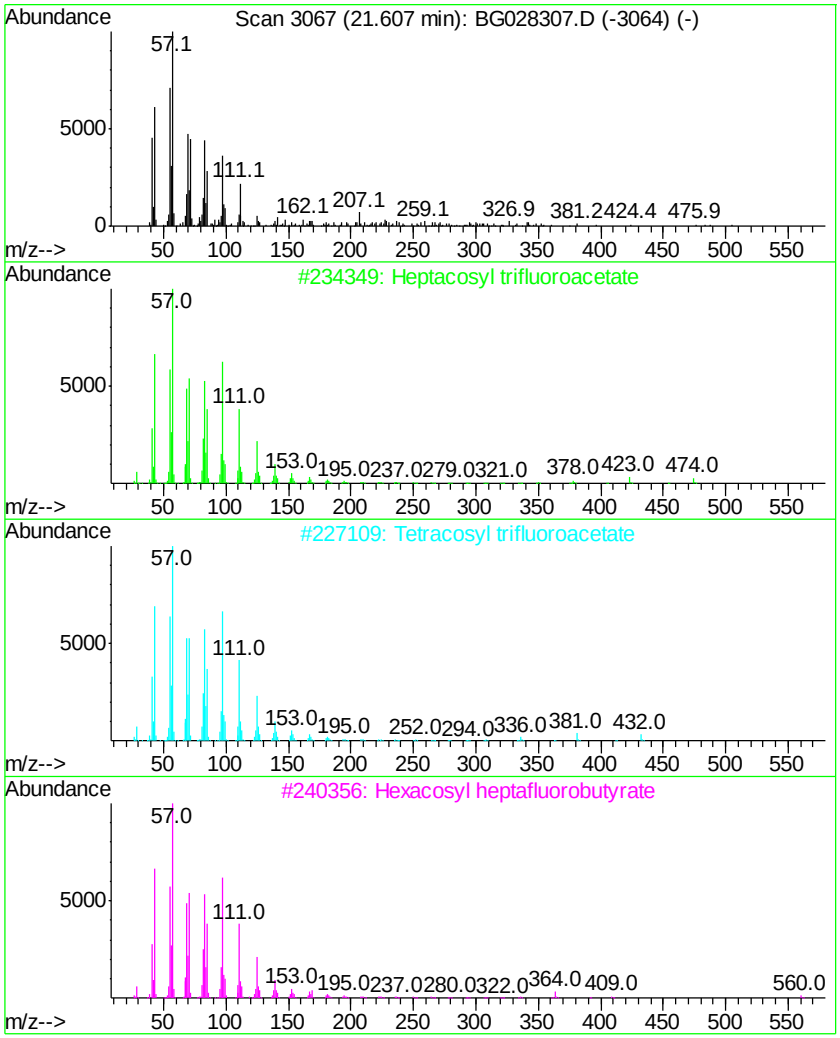
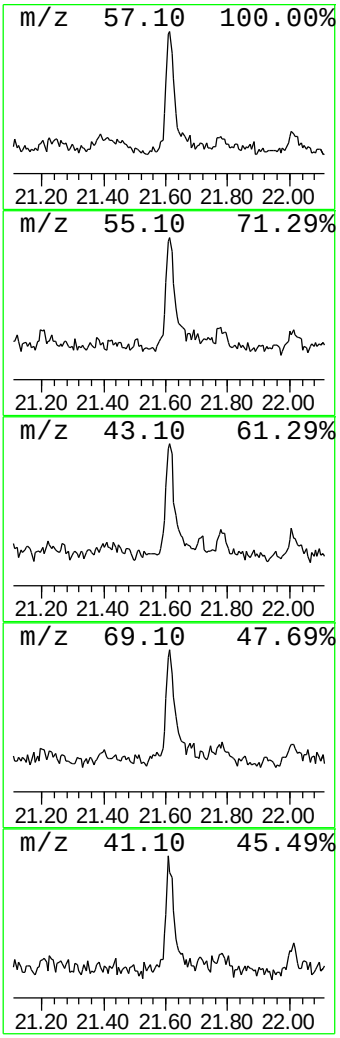
Peak Number 20 Heptacosyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	6.04 ng/ul	303184	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl trifluoroacetate	492	C29H55F3O2	1000351-75-8	91
2	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	91
3	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
4	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91





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Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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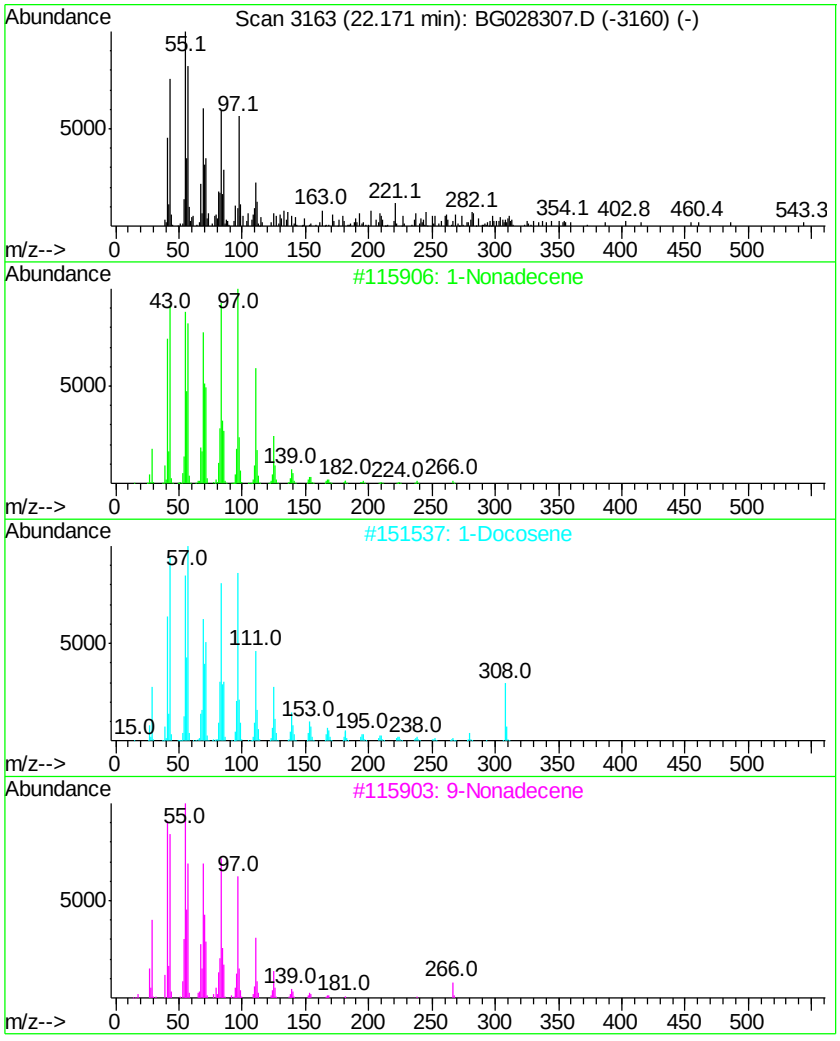
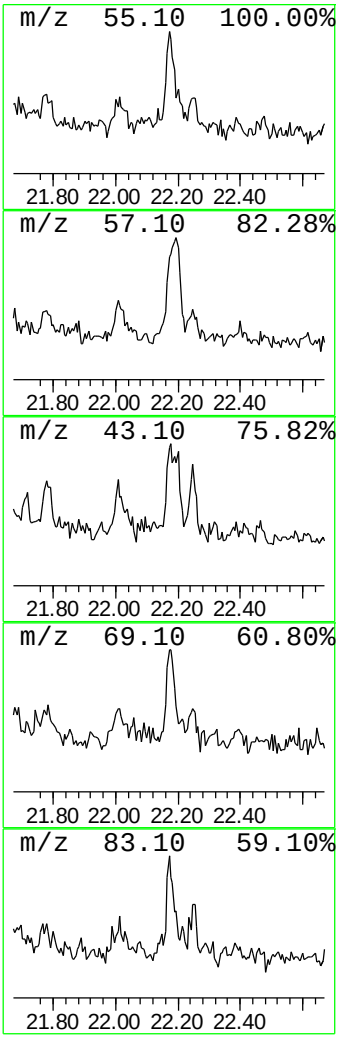
Peak Number 21 (DEL) Alkane: Cyclic22.17 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	3.74 ng/ul	187639	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	1-Docosene	308	C22H44	001599-67-3	93
3	9-Nonadecene	266	C19H38	031035-07-1	90
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
5	1-Octadecene	252	C18H36	000112-88-9	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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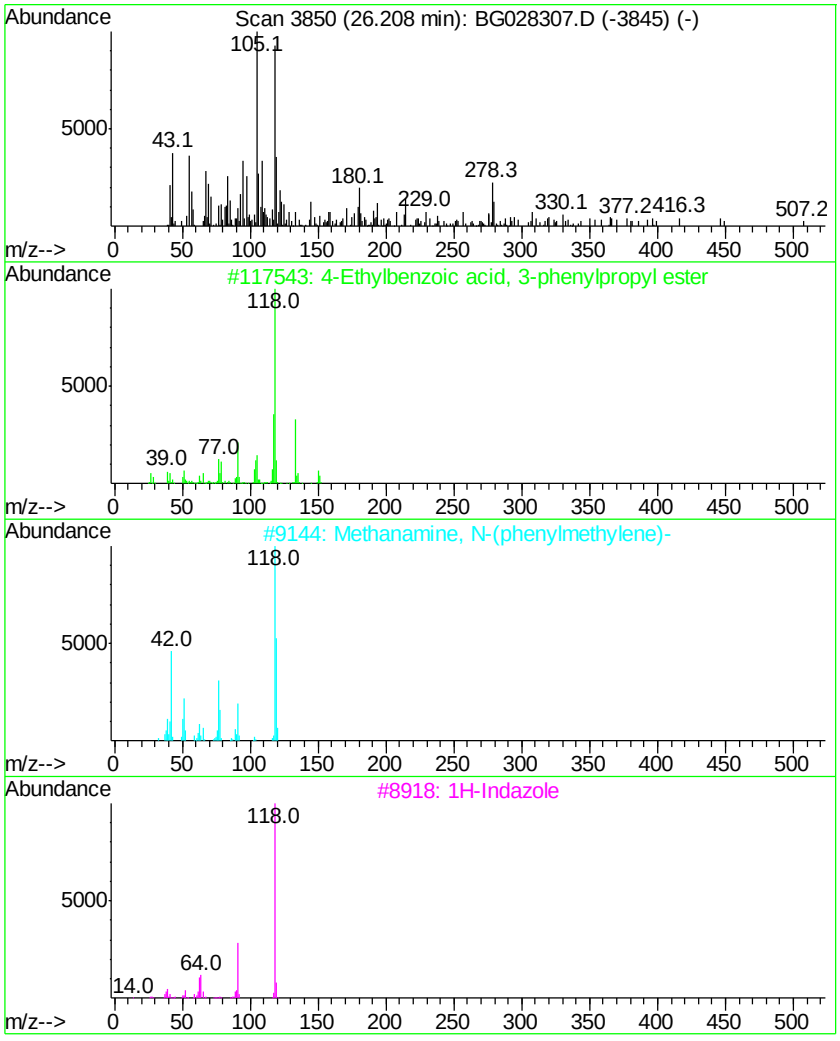
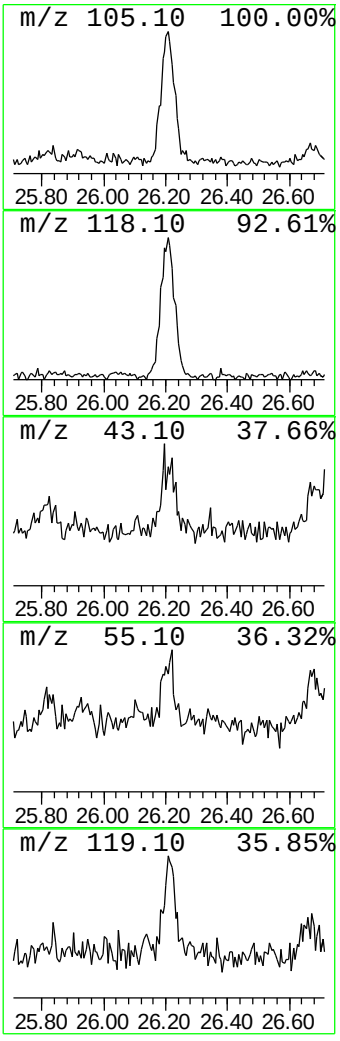
Peak Number 22 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	5.88 ng/ul	269871	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, 3-phenylpro...	268	C18H20O2	1000293-50-2	38
2	Methanamine, N-(phenylmethylene)-	119	C8H9N	000622-29-7	38
3	1H-Indazole	118	C7H6N2	000271-44-3	38
4	Di[1,2,3,4]tetrazolo[1,5-a:5,1-c...	226	C9H6N8	1000350-30-2	38
5	N-(Beta-methylphenethyl)acetamide	177	C11H15NO	022596-62-9	32





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Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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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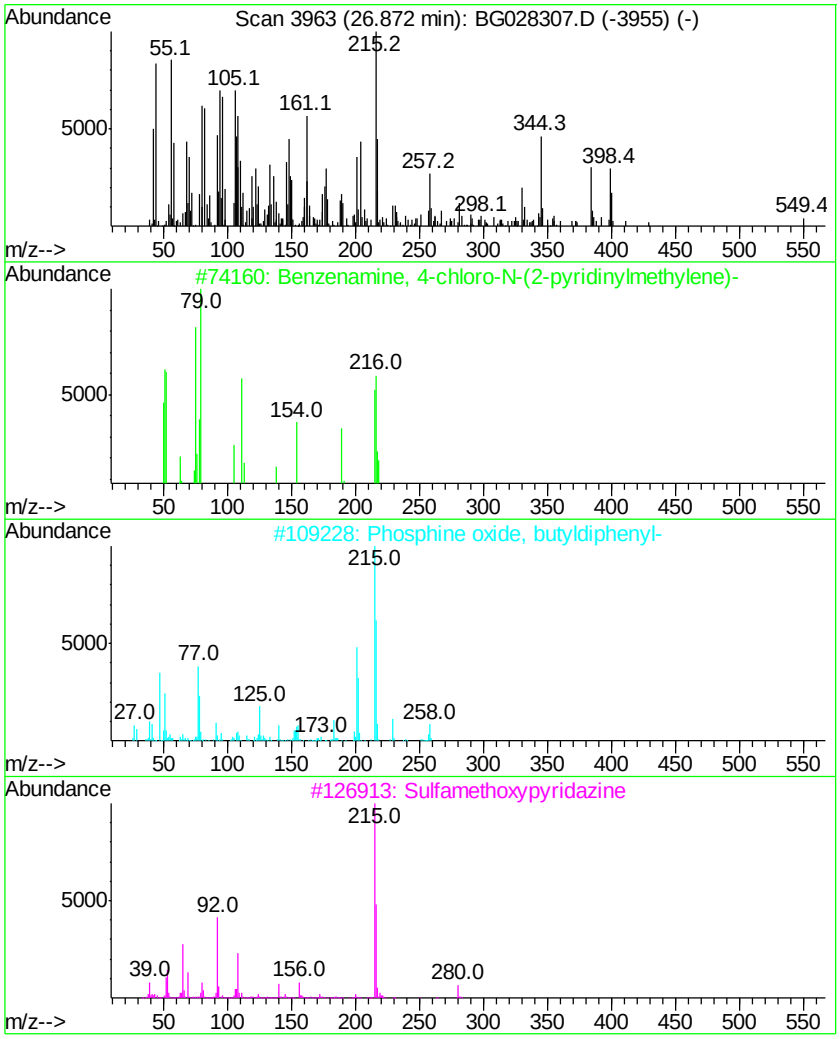
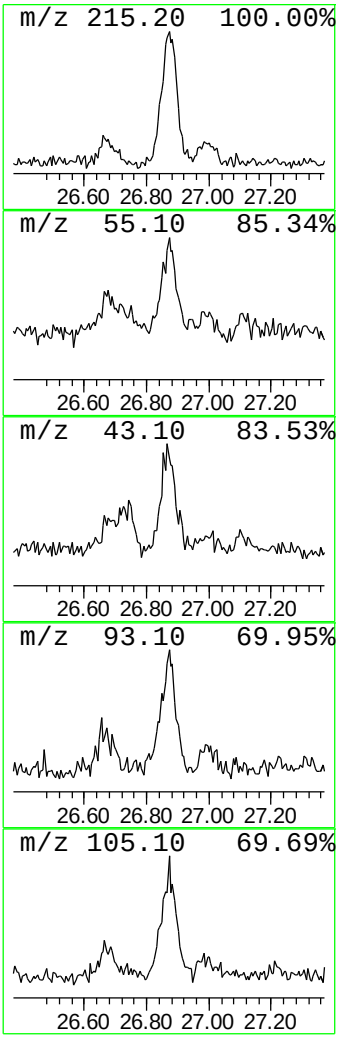
Peak Number 23 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.87	13.31 ng/ul	610563	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-chloro-N-(2-pyrid...	216	C12H9ClN2	026825-34-3	38
2	Phosphine oxide, butyldiphenyl-	258	C16H19OP	004233-13-0	25
3	Sulfamethoxypyridazine	280	C11H12N4O3S	000080-35-3	22
4	Ethanone, 1-[5-methyl-7-(5-methy...	258	C13H14N4O2	1000317-16-8	15
5	11-Azatricyclo[6.2.1.0(2,7)]unde...	215	C13H13NO2	1000306-00-6	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081117\
Data File : BG028307.D
Acq On : 12 Aug 2017 2:52
Operator : SJ/JU
Sample : I4557-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC6

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
(DEL) Alkane: Str...	13.75	2.0	ng/ul	87210	3	14.96	859905	20.0
Naphthalene, 2,3-...	14.15	2.6	ng/ul	111977	3	14.96	859905	20.0
Naphthalene, 2,7-...	14.29	2.3	ng/ul	96535	3	14.96	859905	20.0
Naphthalene, 2,3,...	15.35	2.6	ng/ul	111004	3	14.96	859905	20.0
(DEL) Alkane: Str...	15.77	2.8	ng/ul	118984	3	14.96	859905	20.0
4-Propyl-1,1'-dip...	15.88	2.5	ng/ul	108880	3	14.96	859905	20.0
(DEL) Alkane: Str...	16.62	3.1	ng/ul	142907	4	17.71	908896	20.0
4-Methylcarbazole	16.98	2.7	ng/ul	123830	4	17.71	908896	20.0
(DEL) Alkane: Str...	17.42	4.8	ng/ul	219782	4	17.71	908896	20.0
Naphtho[2,1-b]fur...	17.55	2.6	ng/ul	119772	4	17.71	908896	20.0
(DEL) Alkane: Str...	18.16	4.1	ng/ul	185443	4	17.71	908896	20.0
n-Hexadecanoic acid	18.56	6.5	ng/ul	296429	4	17.71	908896	20.0
Phenanthrene, 2-m...	18.77	2.1	ng/ul	94092	4	17.71	908896	20.0
(DEL) Alkane: Str...	18.85	3.1	ng/ul	140313	4	17.71	908896	20.0
(DEL) Alkane: Str...	19.47	6.8	ng/ul	310910	4	17.71	908896	20.0
(DEL) Alkane: Cyc...	20.01	5.7	ng/ul	286238	5	22.05	1004740	20.0
(DEL) Alkane: Str...	20.57	5.8	ng/ul	290935	5	22.05	1004740	20.0
(DEL) Alkane: Cyc...	21.05	5.4	ng/ul	270737	5	22.05	1004740	20.0
Heptacosyl triflu...	21.61	6.0	ng/ul	303184	5	22.05	1004740	20.0
(DEL) Alkane: Cyc...	22.17	3.7	ng/ul	187639	5	22.05	1004740	20.0
unknown-01	26.21	5.9	ng/ul	269871	6	25.56	917710	20.0
unknown-02	26.87	13.3	ng/ul	610563	6	25.56	917710	20.0