LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

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-BG052116.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	3.539	114	119	128	rVB5	4358	9253	1.23%	0.080%
2	7.311	752	761	774	rBV	79380	174961	23.34%	1.504%
3	7.475	782	789	797	rBV	66764	129212	17.23%	1.110%
4	7.687	818	825	837	rVB	88298	186735	24.91%	1.605%
5	8.116	894	898	900	rVV3	11562	17939	2.39%	0.154%
6	8.163	900	906	914	rVB	104247	207351	27.66%	1.782%
7	8.333	929	935	941	rVV8	6148	16281	2.17%	0.140%
8	8.386	941	944	951	rVV8	5152	10460	1.40%	0.090%
9	8.686	989	995	997	rVV5	5712	12684	1.69%	0.109%
10	8.715	997	1000	1010	rVB7	7997	18967	2.53%	0.163%
11	8.862	1018	1025	1043	rVV	109586	241319	32.19%	2.074%
12	8.997	1043	1048	1065	rVB9	16349	49786	6.64%	0.428%
13	9.262	1083	1093	1098	rBV5	10210	27598	3.68%	0.237%
14	9.332	1098	1105	1115	rVV	76398	174065	23.22%	1.496%
15	9.479	1125	1130	1132	rVV4	5735	10668	1.42%	0.092%
16	9.503	1132	1134	1143	rVB7	7651	16119	2.15%	0.139%
17	9.632	1149	1156	1161	rVB5	7834	20260	2.70%	0.174%
18	9.702	1161	1168	1170	rBV5	5739	11921	1.59%	0.102%
19	9.790	1179	1183	1191	rVB5	9075	17166	2.29%	0.148%
20	9.890	1194	1200	1208	rVB5	17648	39330	5.25%	0.338%
21	10.055	1214	1228	1238	rBV	62689	157821	21.05%	1.356%
22	10.149	1238	1244	1249	rVV4	22672	44965	6.00%	0.386%
23	10.202	1251	1253	1261	rVB4	6012	10568	1.41%	0.091%
24	10.290	1264	1268	1275	rVB6	7269	16788	2.24%	0.144%
25	10.372	1277	1282	1287	rBV6	7302	16160	2.16%	0.139%
26	10.472	1296	1299	1306	rVB8	6869	10885	1.45%	0.094%
27	10.595	1313	1320	1329	rBV2	106575	221795	29.58%	1.906%
28	10.678	1329	1334	1339	rVB7	6922	16116	2.15%	0.139%
29	10.748	1341	1346	1355	rVB7	6231	12977	1.73%	0.112%
30	10.977	1371	1385	1392	rBV	205626	459479	61.28%	3.949%
31	11.030	1392	1394	1401	rVB	17165	24999	3.33%	0.215%
32	11.112	1401	1408	1416	rBV	110007	220356	29.39%	1.894%
33	11.389	1450	1455	1460	rBV7	5338	9333	1.24%	0.080%
34	11.465	1460	1468	1471	rVB5	7635	15218	2.03%	0.131%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

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-BG052116.M
Title : SVOA CALIBRATION

35	11.635	1491	1497	1498	rBV4	8267	12767	1.70%	0.110%
36	11.665	1498	1502	1507	rVB7	10648	21462	2.86%	0.184%
37	11.788	1519	1523	1530	rVB6	11821	22273	2.97%	0.191%
38	11.870	1530	1537	1545	rVB9	12761	30897	4.12%	0.266%
39	11.970	1547	1554	1559	rBV	67363	118596	15.82%	1.019%
40	12.158	1579	1586	1592	rVB9	7778	17516	2.34%	0.151%
41	12.241	1592	1600	1604	rBV9	11357	26101	3.48%	0.224%
42	12.364	1616	1621	1624	rBV6	11832	19416	2.59%	0.167%
43	12.575	1651	1657	1663	rVV4	13366	28223	3.76%	0.243%
44	12.763	1685	1689	1692	rBV4	8200	15427	2.06%	0.133%
45	12.840	1699	1702	1710	rVB3	11365	20719	2.76%	0.178%
46	12.993	1721	1728	1733	rBV8	17466	41001	5.47%	0.352%
47	13.051	1735	1738	1743	rVV4	8798	13995	1.87%	0.120%
48	13.163	1750	1757	1762	rBV8	11783	22532	3.01%	0.194%
49	13.239	1763	1770	1775	rBV7	9896	24232	3.23%	0.208%
50	13.304	1775	1781	1788	rVB	83514	136250	18.17%	1.171%
51	13.586	1822	1829	1839	rBV5	34168	93139	12.42%	0.800%
52	13.833	1868	1871	1879	rVB9	7406	12946	1.73%	0.111%
53	13.968	1892	1894	1900	rVB7	8572	11584	1.55%	0.100%
54	14.103	1913	1917	1922	rBV3	20930	36072	4.81%	0.310%
55	14.179	1922	1930	1934	rVV	207954	371642	49.57%	3.194%
56	14.238	1934	1940	1945	rVV2	138538	303075	40.42%	2.605%
57	14.279	1945	1947	1953	rVB7	12172	18594	2.48%	0.160%
58	14.479	1975	1981	1995	rVB	265689	535813	71.46%	4.605%
59	14.608	2000	2003	2007	rVB4	11733	15886	2.12%	0.137%
60	14.655	2007	2011	2017	rVB2	37776	59751	7.97%	0.514%
61	14.738	2021	2025	2027	rBV6	11029	18672	2.49%	0.160%
62	14.785	2027	2033	2041	rVB2	303968	548978	73.22%	4.718%
63	14.990	2063	2068	2077	rBV4	33643	78727	10.50%	0.677%
64	15.155	2093	2096	2102	rBV6	20763	34580	4.61%	0.297%
65	15.266	2109	2115	2124	rVB6	23968	66690	8.89%	0.573%
66	15.390	2131	2136	2139	rBV6	16567	29732	3.97%	0.256%
67	15.601	2168	2172	2176	rVB2	42583	59162	7.89%	0.508%
68	15.654	2178	2181	2185	rVB5	12566	18988	2.53%	0.163%
69	15.778	2195	2202	2208	rBV	313695	542116	72.31%	4.659%
70	15.895	2217	2222	2228	rVB2	47356	80162	10.69%	0.689%
71	16.007	2234	2241	2253	rVB	88122	174586	23.29%	1.500%

LSC Area Percent Report

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Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

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-BG052116.M
Title : SVOA CALIBRATION

72	16.107	2255	2258	2262	rVB6	10546	18556	2.47%	0.159%
73	16.224	2275	2278	2282	rVB4	14543	17358	2.32%	0.149%
74	16.488	2314	2323	2329	rBV	149841	303209	40.44%	2.606%
75	17.188	2438	2442	2447	rVB2	19196	28315	3.78%	0.243%
76	17.252	2450	2453	2457	rVB	19781	24802	3.31%	0.213%
77	17.305	2458	2462	2467	rBV2	47401	66931	8.93%	0.575%
78	17.528	2494	2500	2504	rBV2	333695	563424	75.15%	4.842%
79	17.570	2504	2507	2512	rVV	198399	333873	44.53%	2.869%
80	17.628	2512	2517	2528	rVB	313526	543972	72.55%	4.675%
81	17.993	2577	2579	2584	rVB3	13256	14551	1.94%	0.125%
82	18.404	2644	2649	2653	rBV	45383	81357	10.85%	0.699%
83	18.451	2653	2657	2663	rVB	63028	101430	13.53%	0.872%
84	18.592	2676	2681	2685	rBV3	60545	115518	15.41%	0.993%
85	18.633	2685	2688	2693	rVB3	42682	68034	9.07%	0.585%
86	18.892	2728	2732	2736	rBV	32594	51326	6.85%	0.441%
87	18.939	2737	2740	2749	rVB	42927	70889	9.45%	0.609%
88	19.226	2787	2789	2795	rVB7	15493	20217	2.70%	0.174%
89	19.303	2799	2802	2808	rVV3	30649	56095	7.48%	0.482%
90	19.456	2823	2828	2834	rBV	32246	65525	8.74%	0.563%
91	19.573	2843	2848	2854	rVB	190639	289800	38.65%	2.491%
92	19.726	2870	2874	2877	rBV	23707	31619	4.22%	0.272%
93	19.908	2899	2905	2908	rBV2	381309	683321	91.14%	5.873%
94	20.578	3017	3019	3024	rVB	41072	50500	6.74%	0.434%
95	20.725	3040	3044	3048	rBV	37289	58313	7.78%	0.501%
96	20.766	3048	3051	3060	rVB	39881	59626	7.95%	0.512%
97	21.812	3221	3229	3235	rBV2	324268	749760	100.00%	6.443%
98	24.097	3612	3618	3624	rBV3	45712	127253	16.97%	1.094%
99	24.920	3752	3758	3766	rBV2	111219	279022	37.21%	2.398%
100	25.149	3789	3797	3809	rBV2	150887	449488	59.95%	3.863%

Sum of corrected areas: 11635921

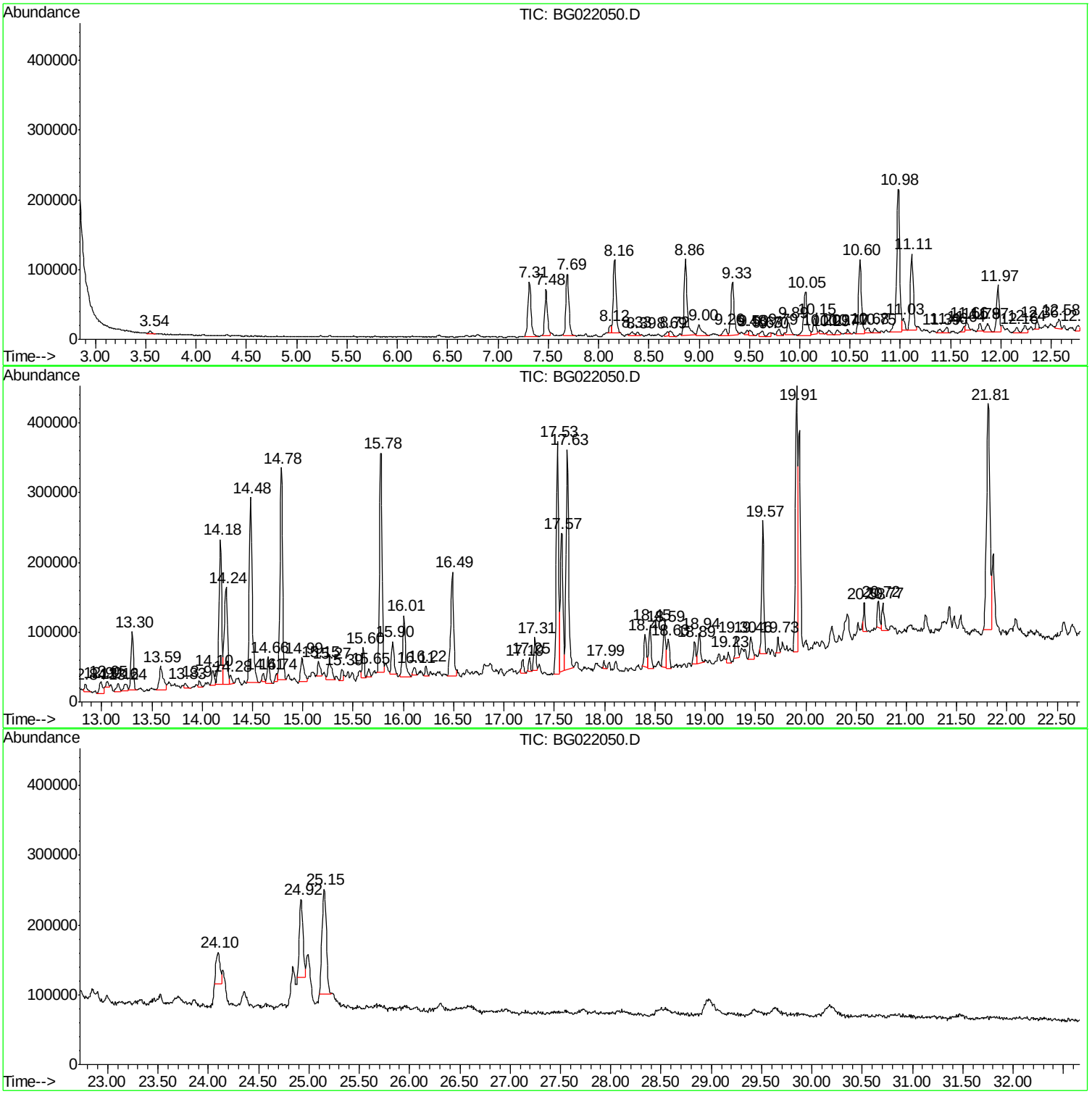
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

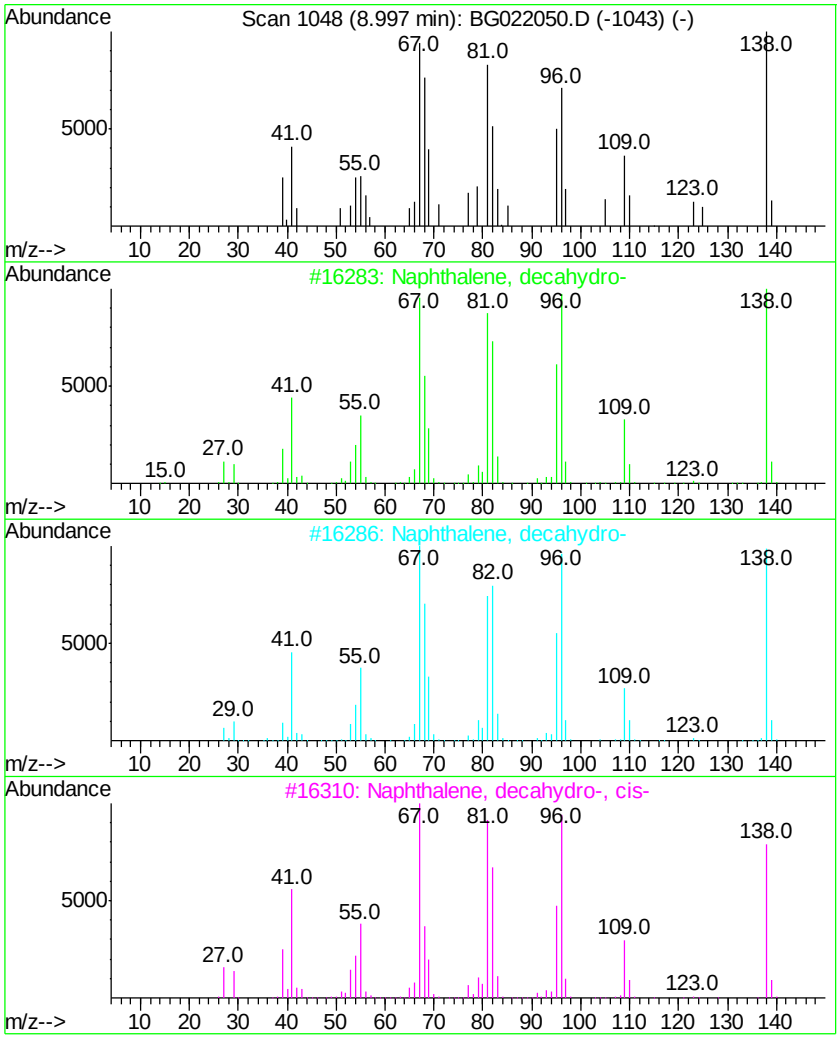
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

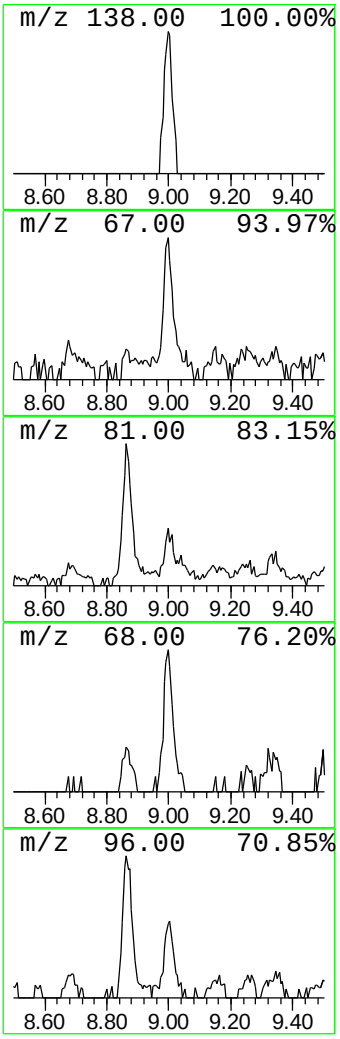
****

Peak Number 1 (DEL) Alkane: Branched9.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	4.80 ng/ul	49786	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	74





Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

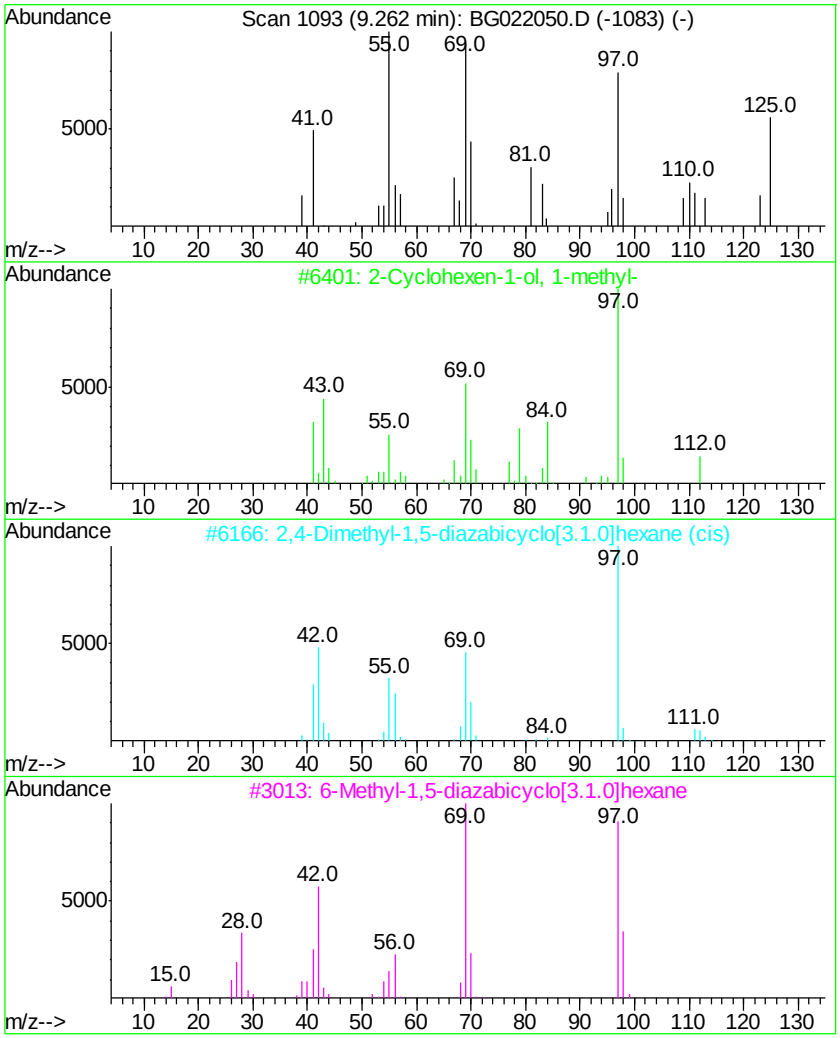
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

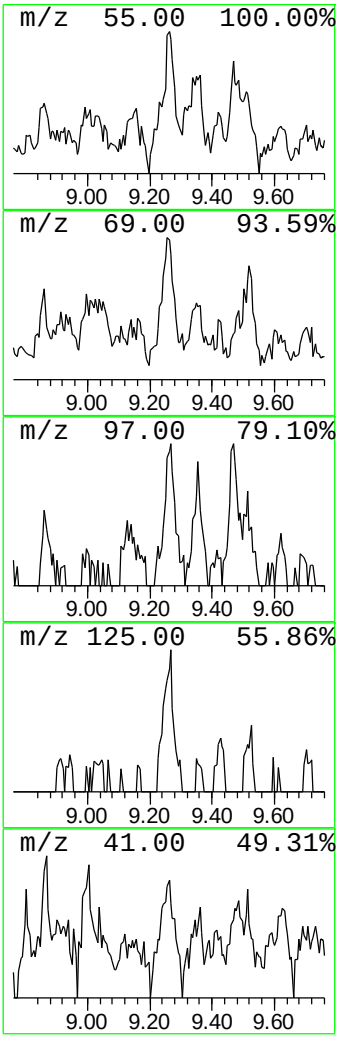
****

Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	2.66 ng/ul	27598	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	47
2	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	38
3	6-Methyl-1,5-diazabicyclo[3.1.0]...	98	C5H10N2	100463-00-1	37
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	22
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

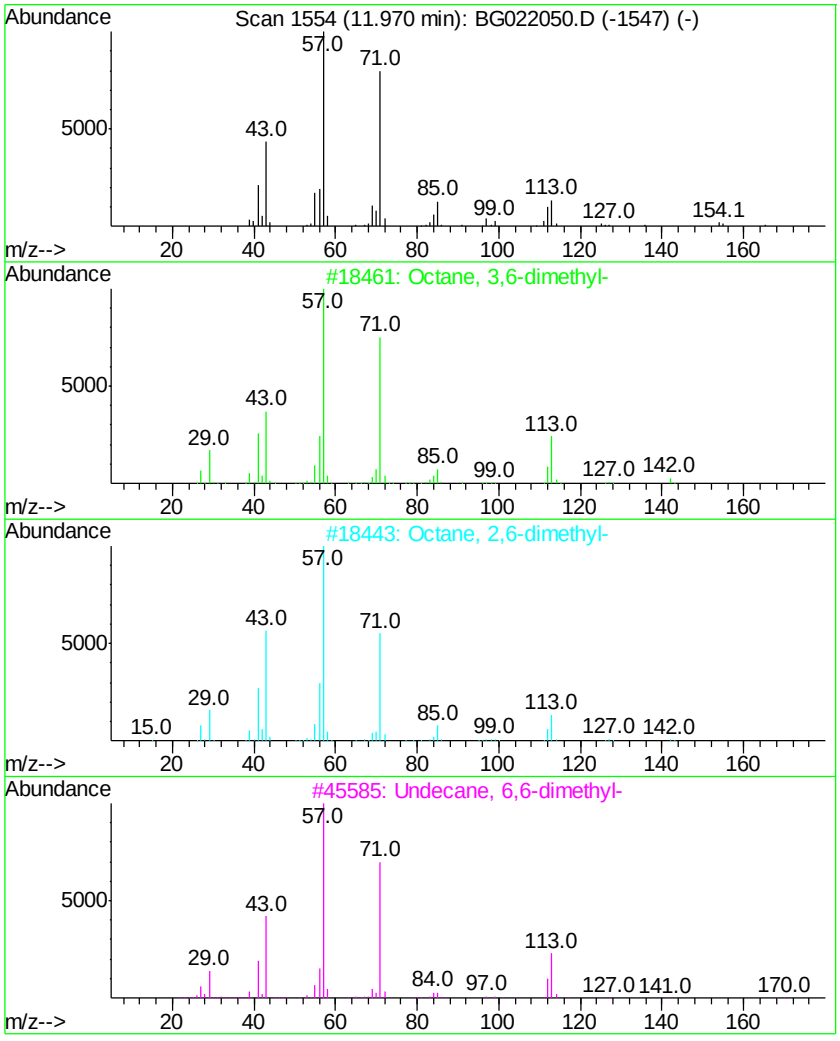
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

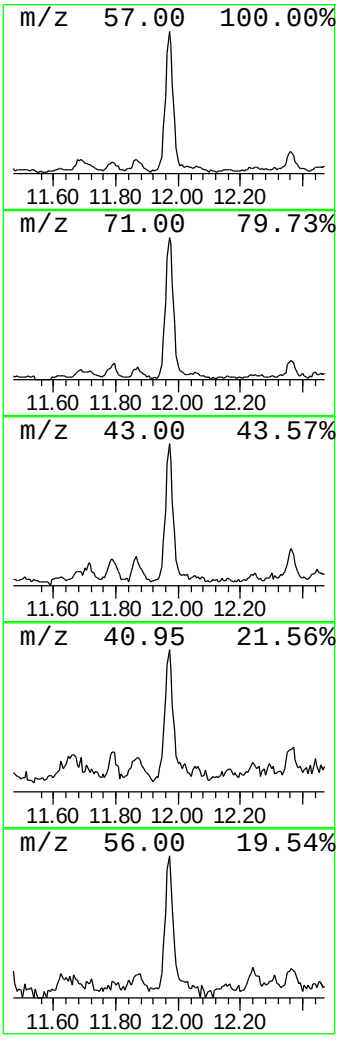
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.16 ng/ul	118596	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
5	3-Bromooctane	192	C8H17Br	000999-64-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

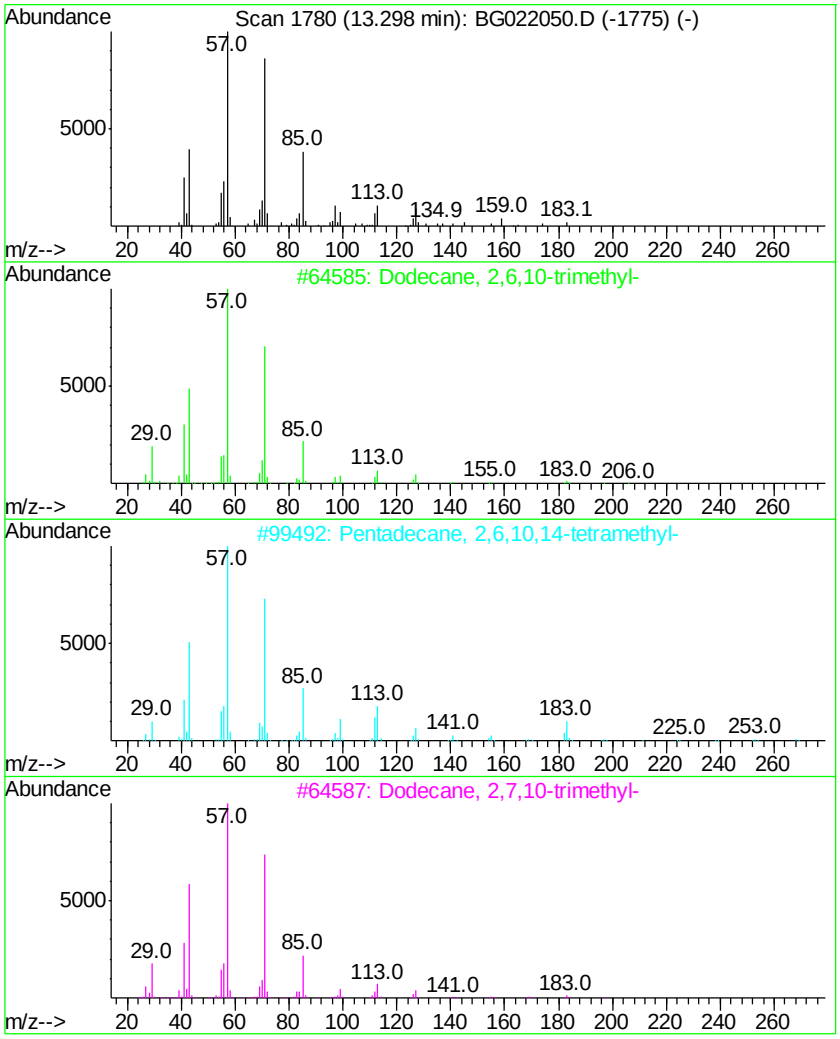
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

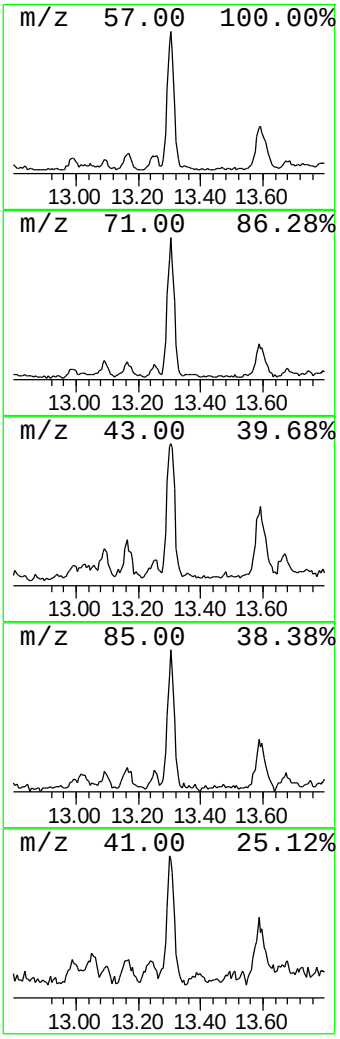
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	4.96 ng/ul	136250	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

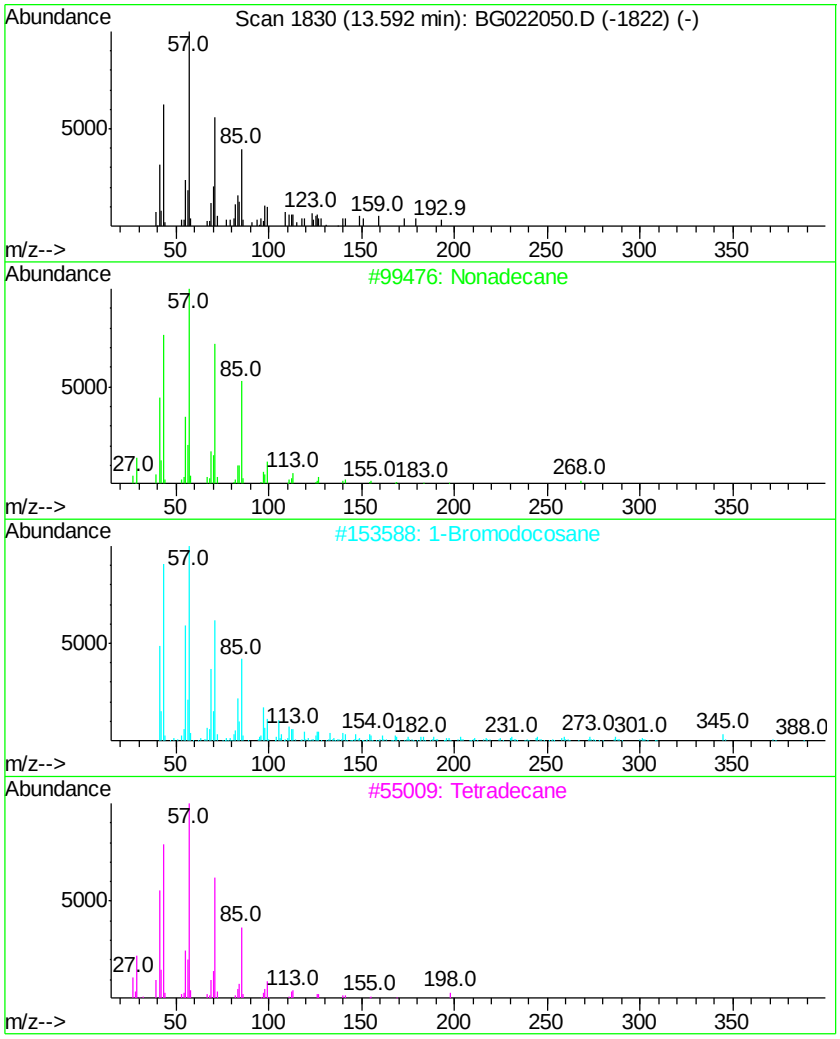
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

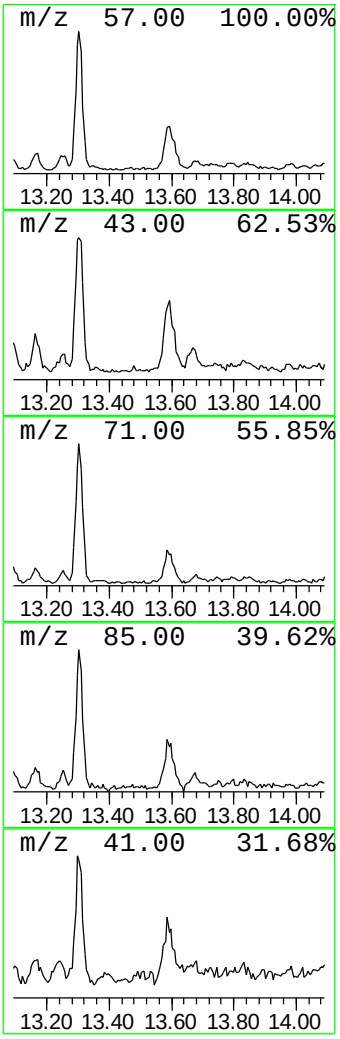
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.39 ng/ul	93139	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	58
2	1-Bromodocosane	388	C22H45Br	006938-66-5	50
3	Tetradecane	198	C14H30	000629-59-4	50
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	49
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47





Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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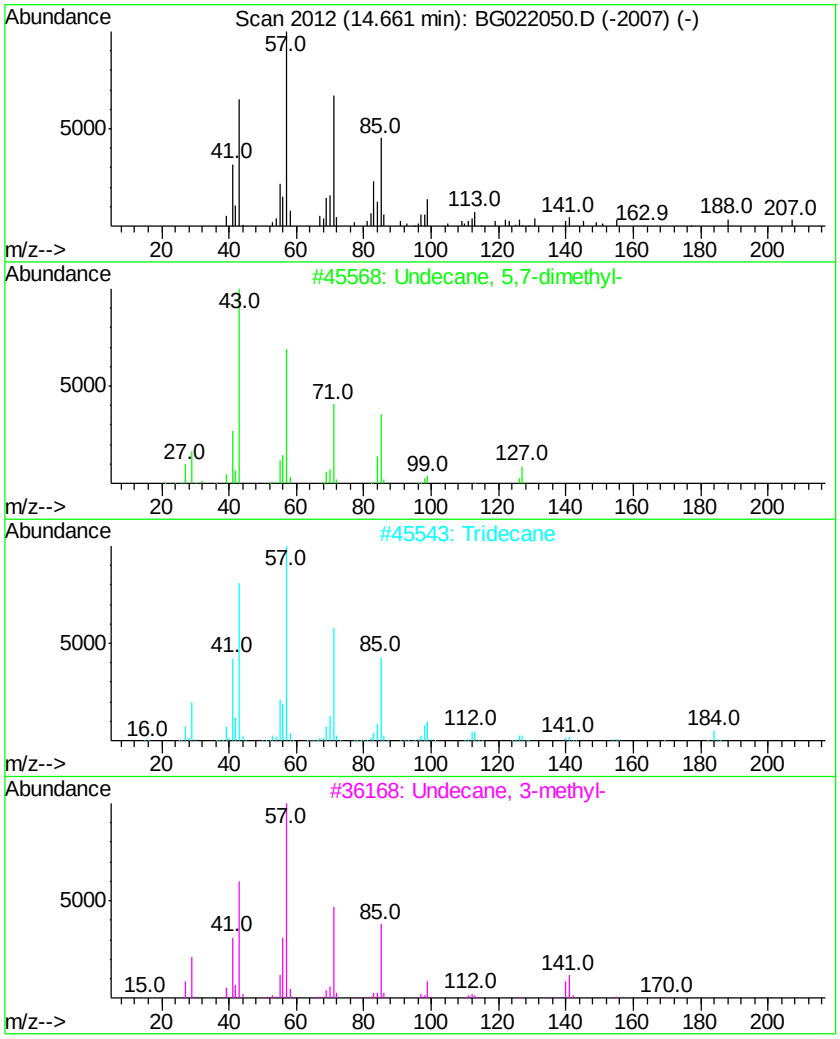
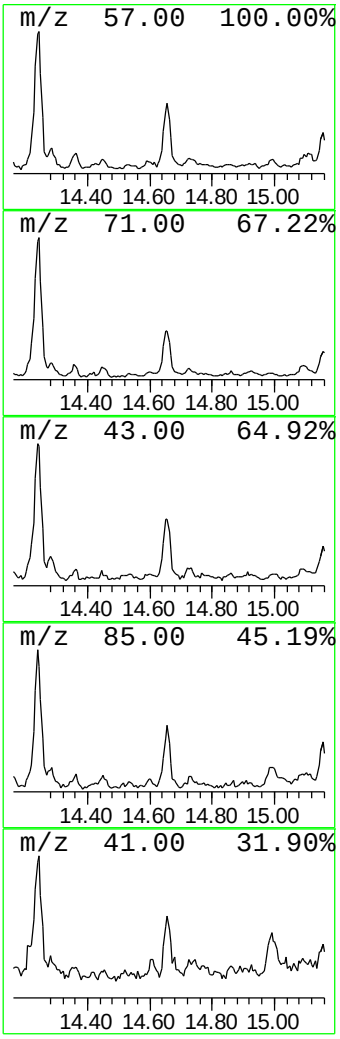
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.18 ng/ul	59751	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80
2	Tridecane	184	C13H28	000629-50-5	78
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64





Library Search Compound Report

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Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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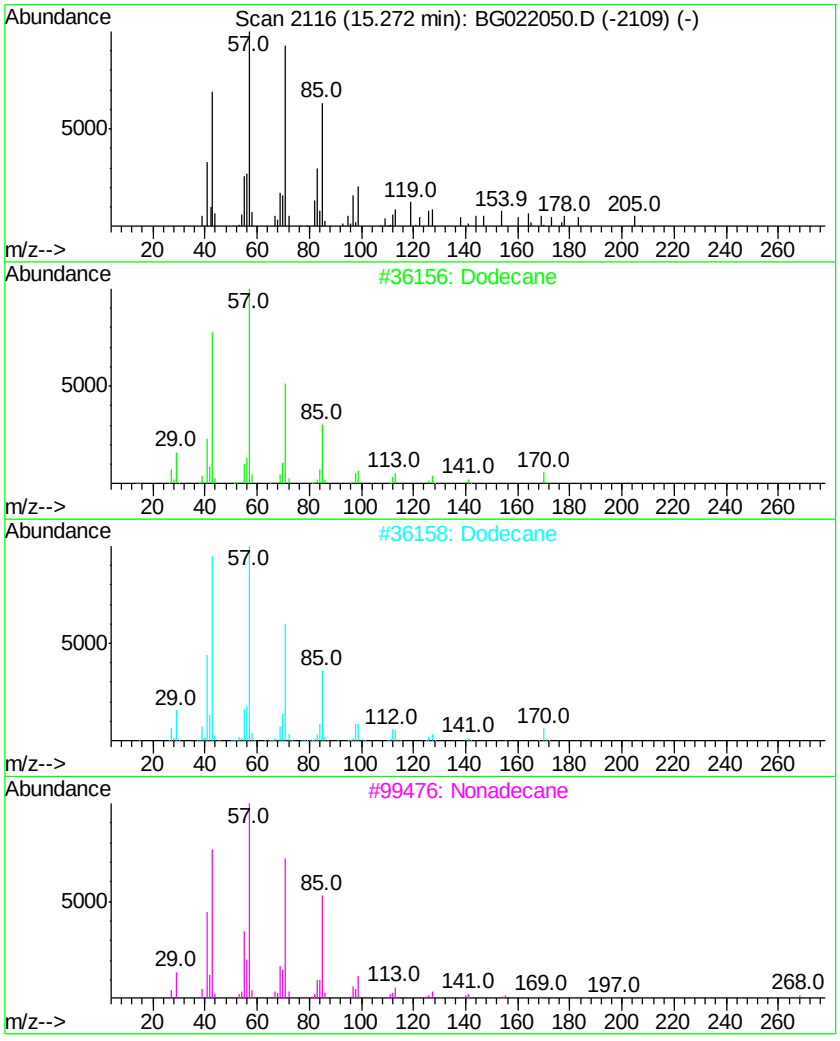
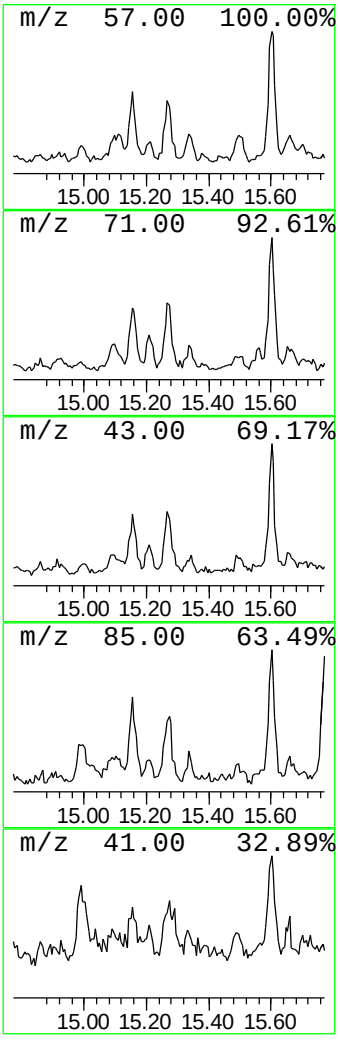
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.43 ng/ul	66690	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Dodecane	170	C12H26	000112-40-3	86
3	Nonadecane	268	C19H40	000629-92-5	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Instrument : BNA_G
ClientSampleId : JHGG3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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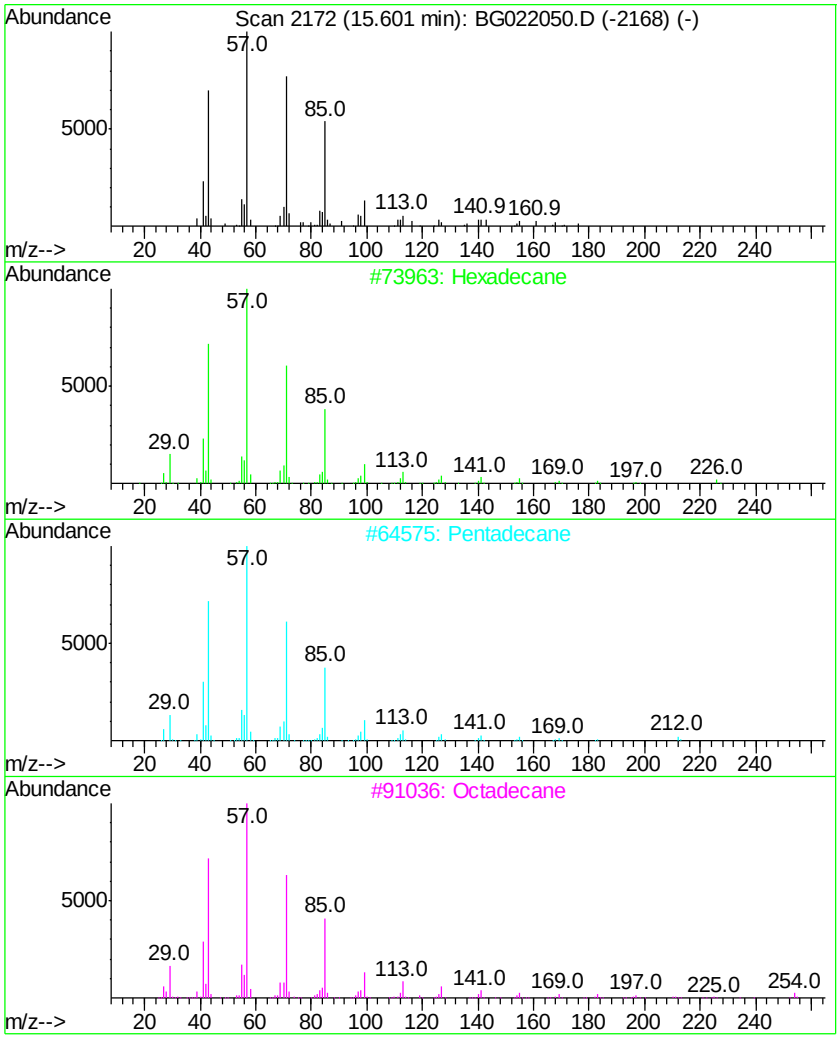
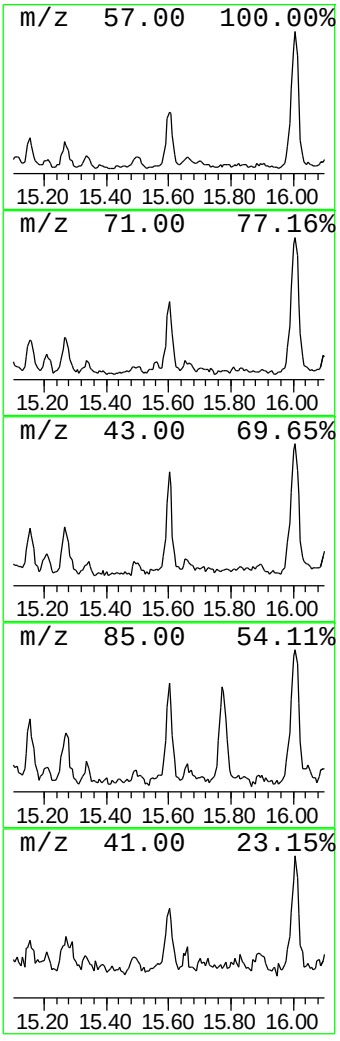
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.16 ng/ul	59162	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Octadecane	254	C18H38	000593-45-3	78
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
5	Octacosane	394	C28H58	000630-02-4	64





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Instrument : BNA_G
ClientSampleId : JHGG3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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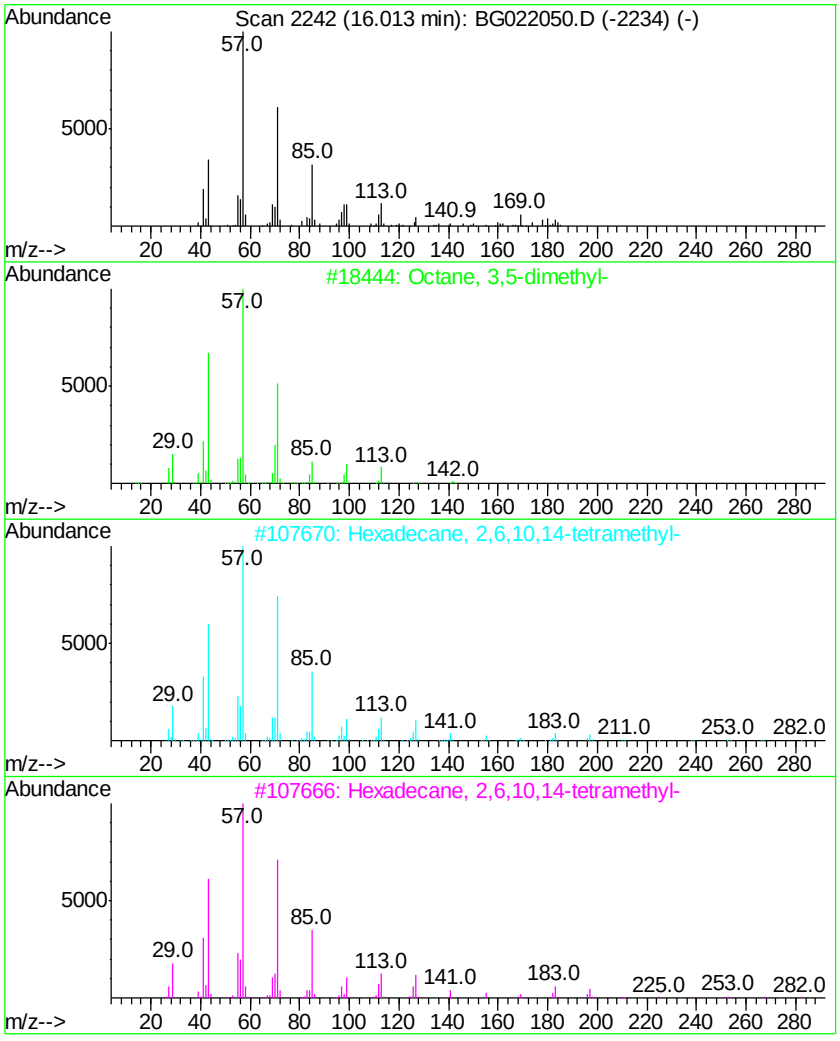
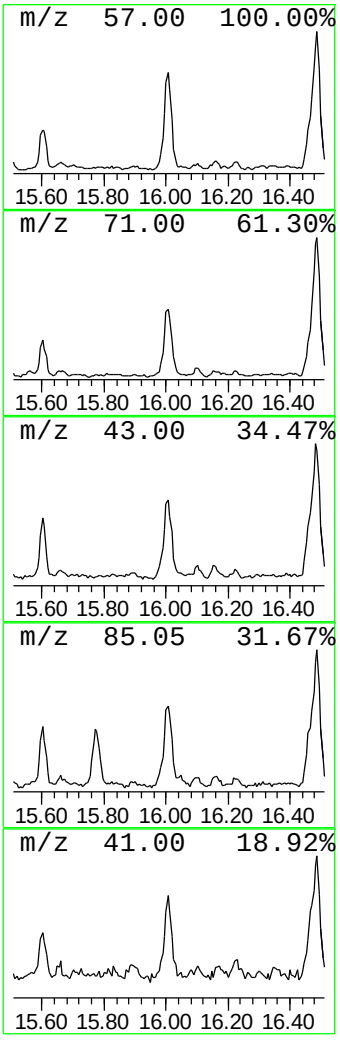
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	6.36 ng/ul	174586	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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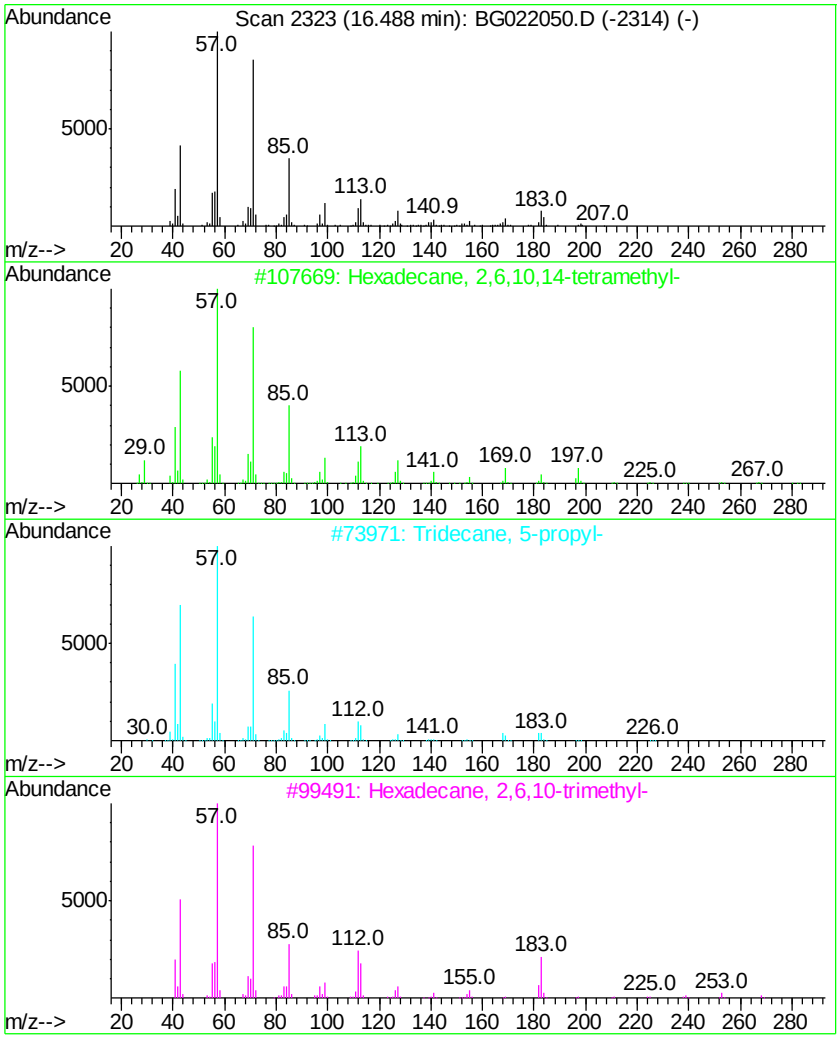
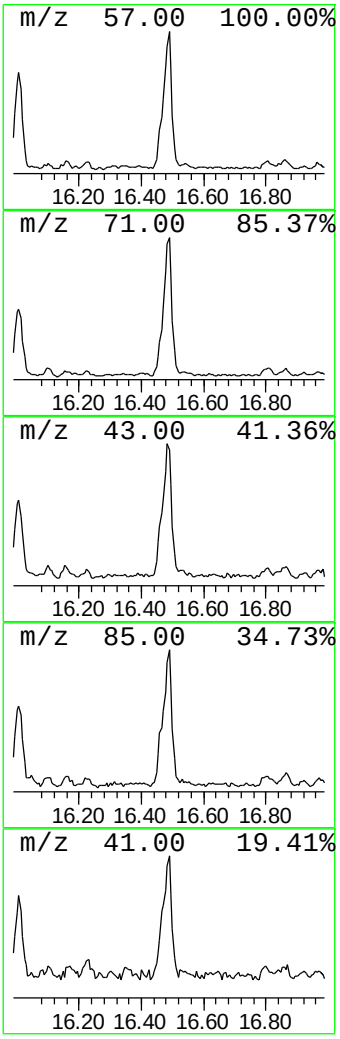
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	10.76 ng/ul	303209	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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ClientSampleId : JHGG3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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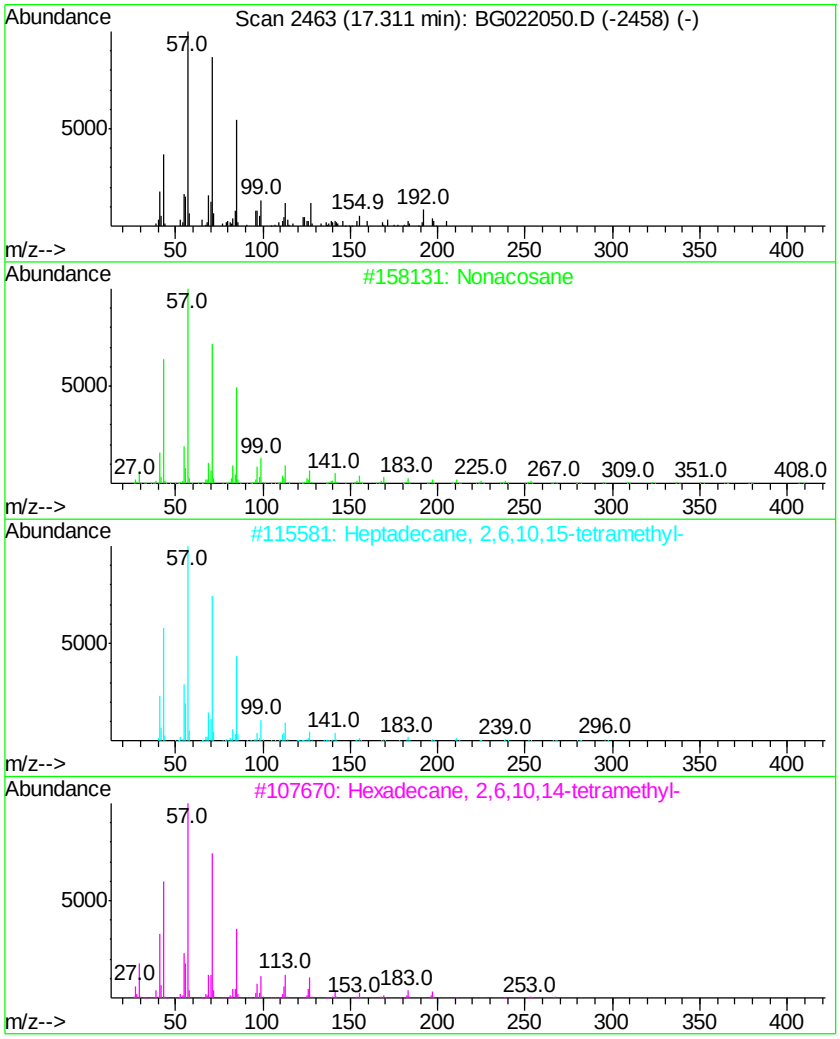
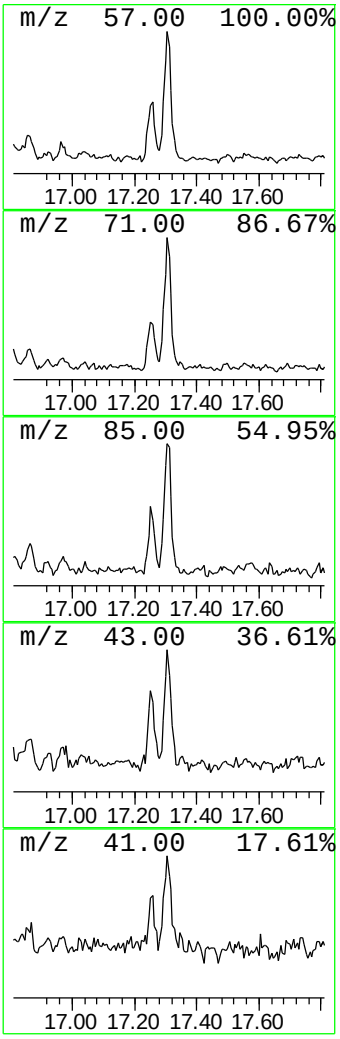
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	2.38 ng/ul	66931	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tritetracontane	605	C43H88	007098-21-7	78





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Sample : H3124-17
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Instrument : BNA_G
ClientSampleId : JHGG3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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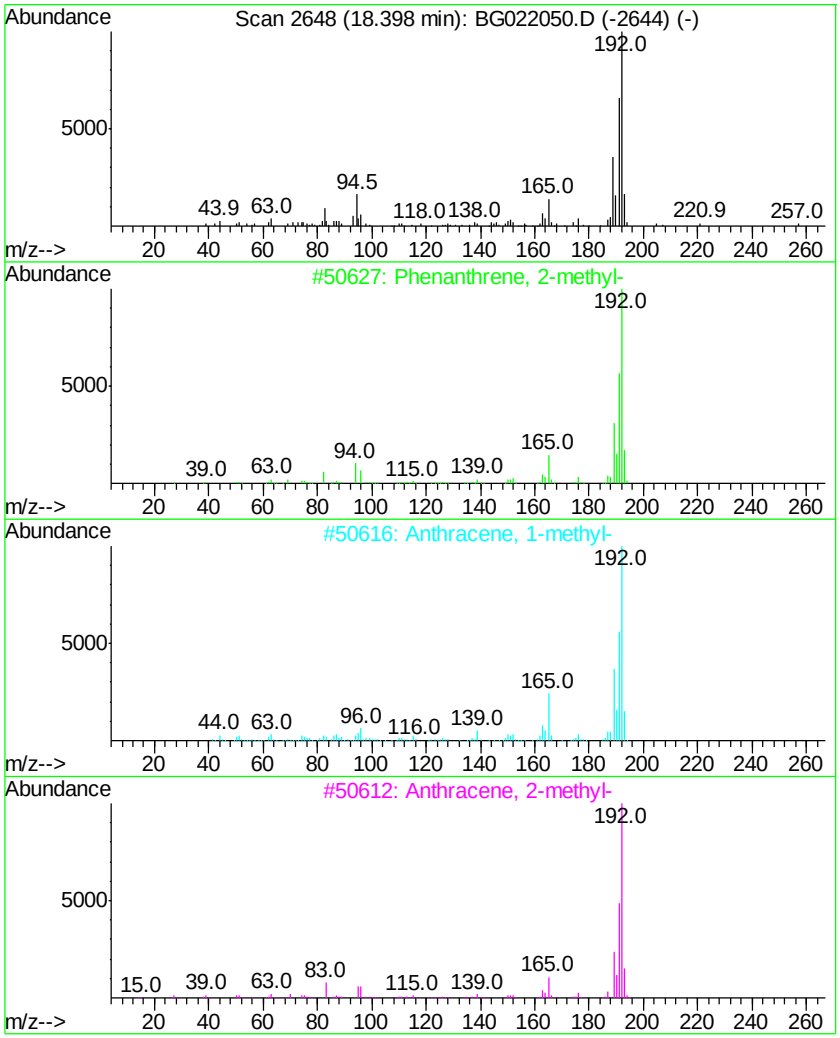
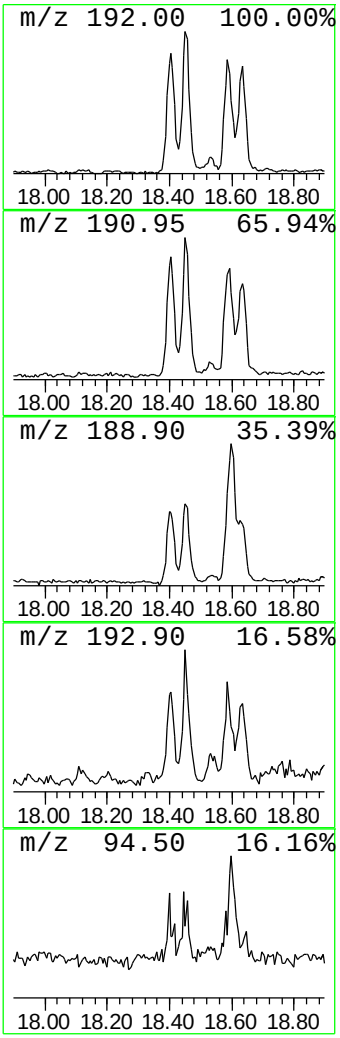
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.89 ng/ul	81357	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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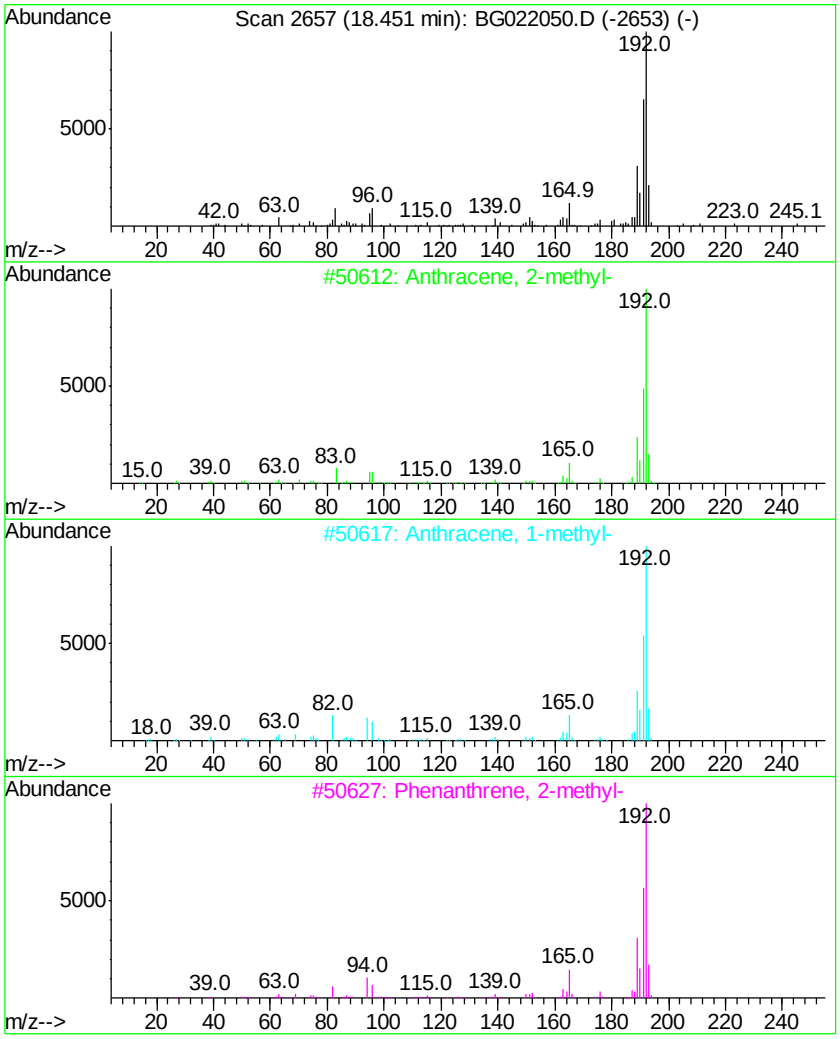
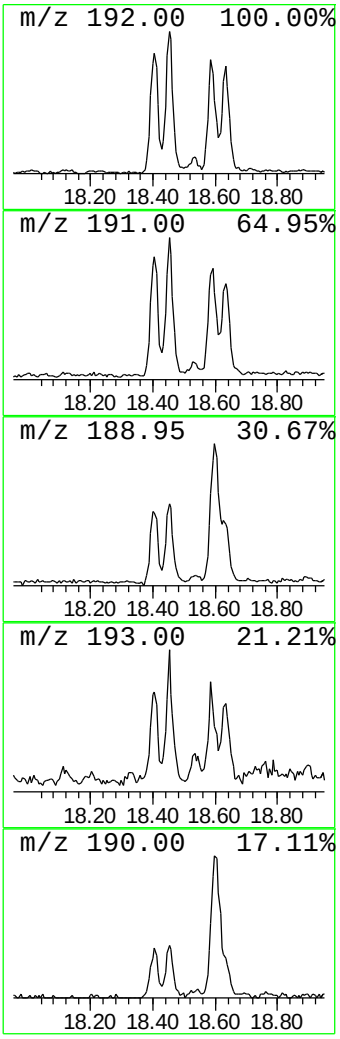
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.60 ng/ul	101430	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





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Instrument : BNA_G
ClientSampleId : JHGG3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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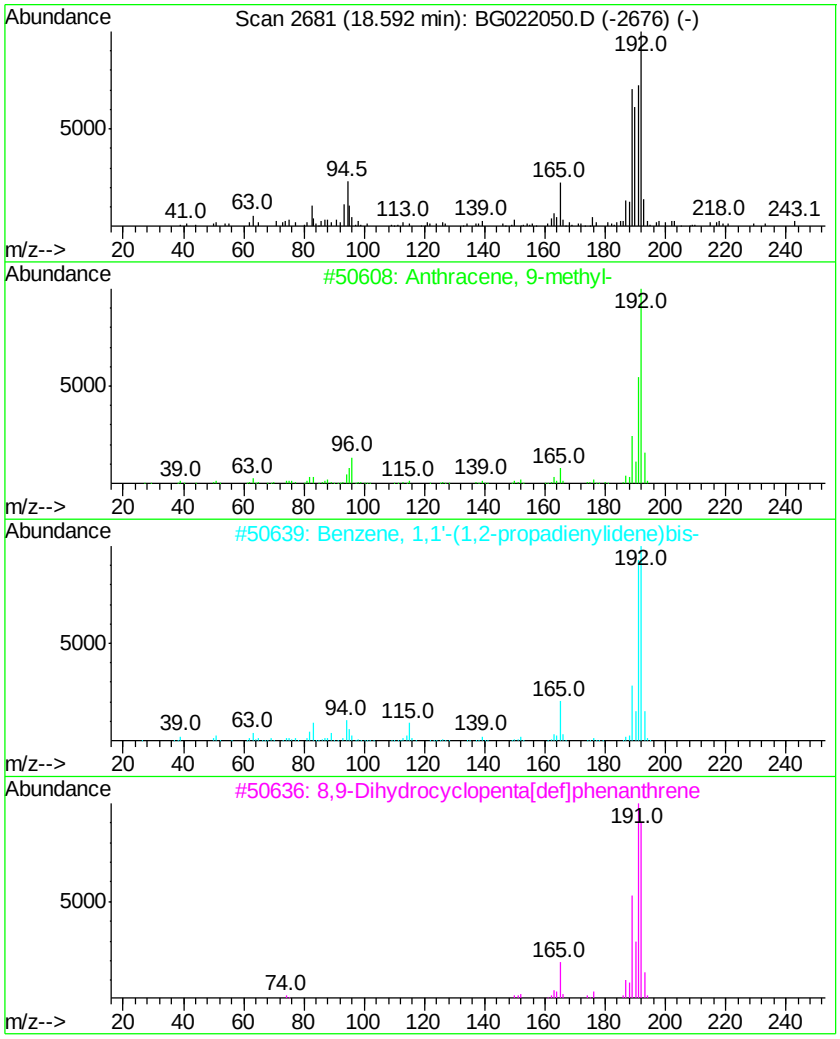
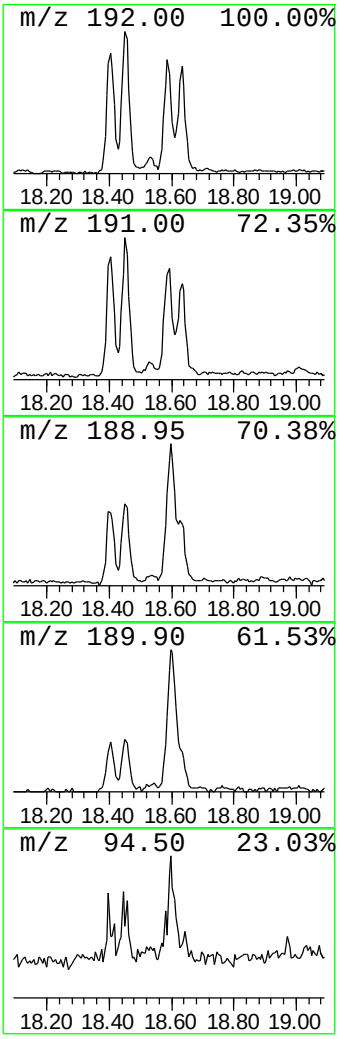
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	4.10 ng/ul	115518	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	58
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	55
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53





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ClientSampleId : JHGG3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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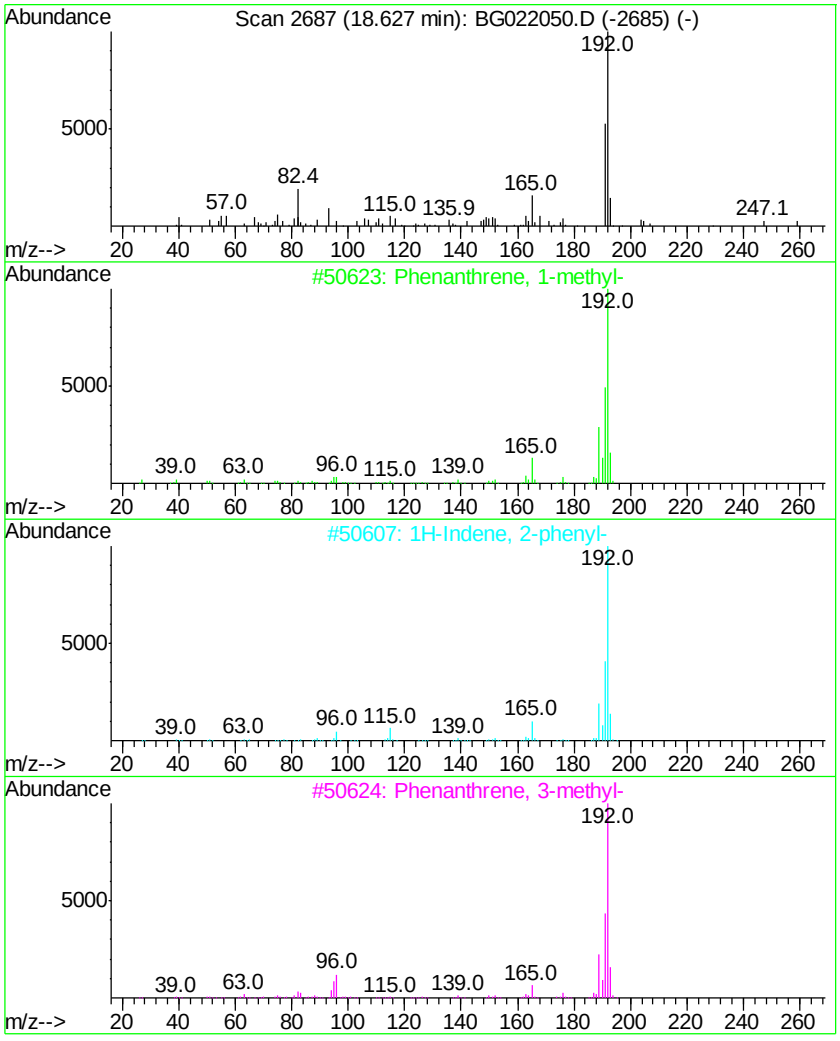
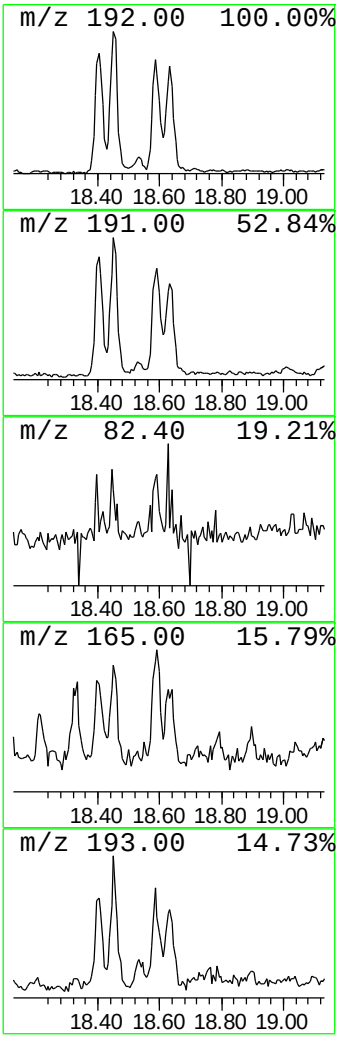
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.42 ng/ul	68034	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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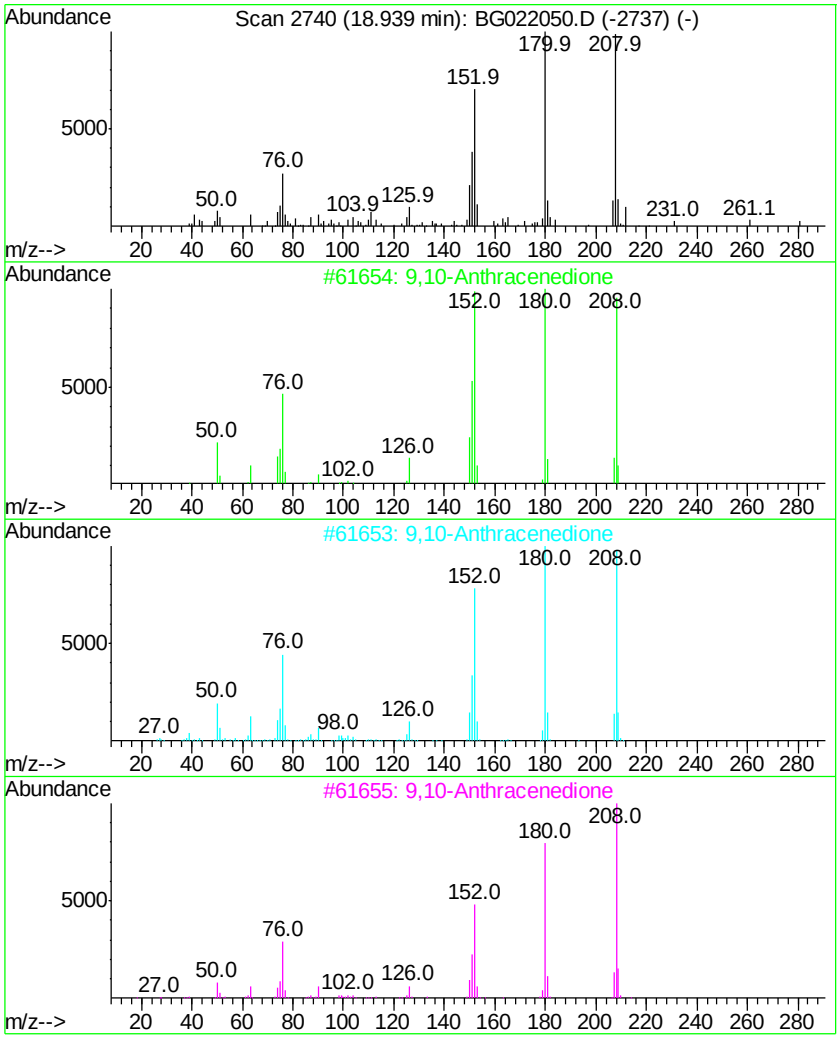
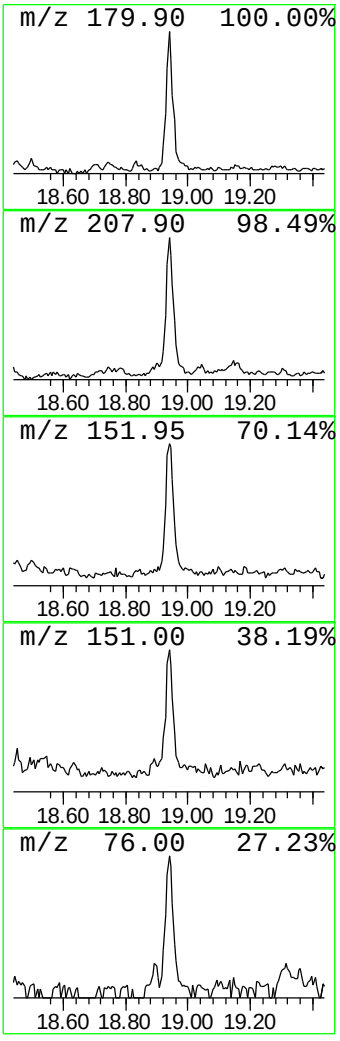
Peak Number 16 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.52 ng/ul	70889	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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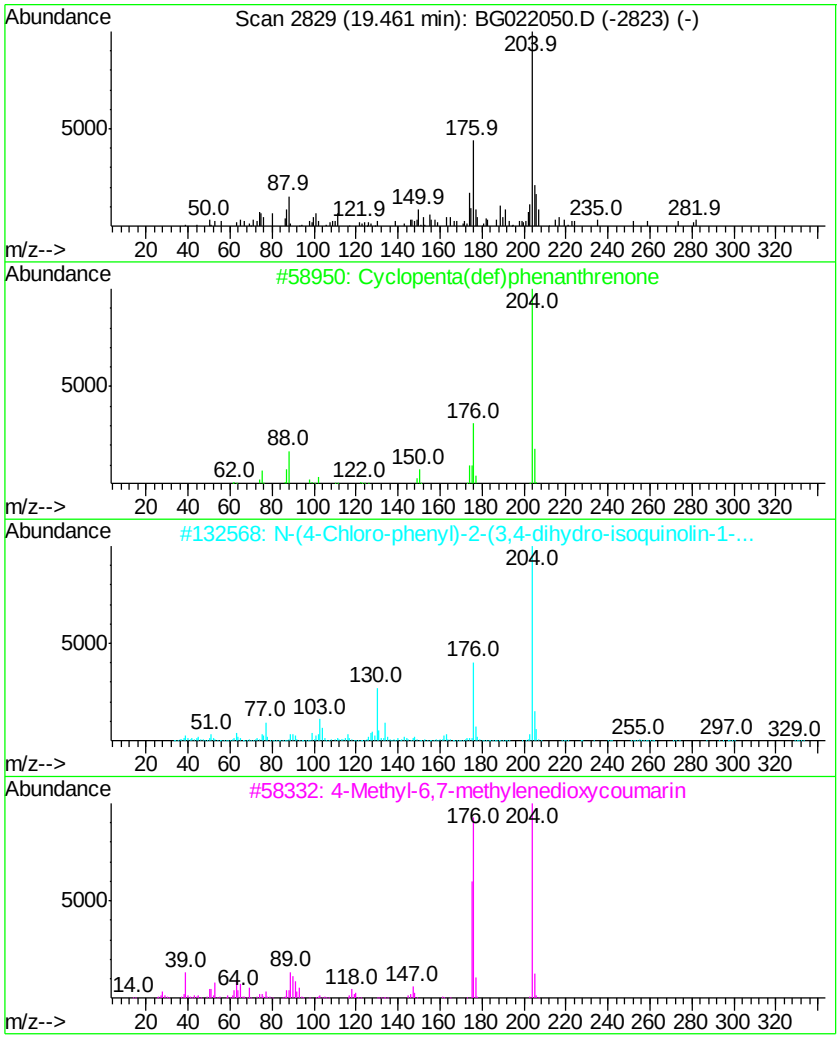
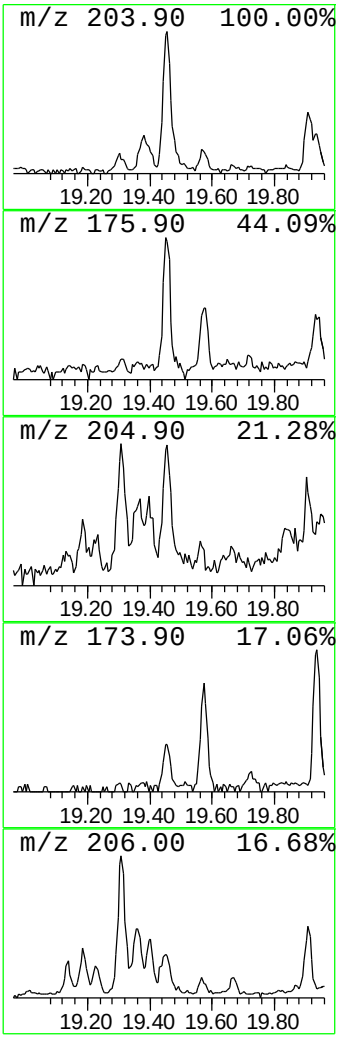
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.33 ng/ul	65525	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	47
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	43
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Bra...	9.00	4.8	ng/ul	49786	1	8.16	207351	20.0
unknown-01	9.26	2.7	ng/ul	27598	1	8.16	207351	20.0
(DEL) Alkane: Str...	11.97	5.2	ng/ul	118596	2	10.98	459479	20.0
(DEL) Alkane: Str...	13.30	5.0	ng/ul	136250	3	14.78	548978	20.0
(DEL) Alkane: Str...	13.59	3.4	ng/ul	93139	3	14.78	548978	20.0
(DEL) Alkane: Str...	14.66	2.2	ng/ul	59751	3	14.78	548978	20.0
(DEL) Alkane: Str...	15.27	2.4	ng/ul	66690	3	14.78	548978	20.0
(DEL) Alkane: Str...	15.60	2.2	ng/ul	59162	3	14.78	548978	20.0
(DEL) Alkane: Str...	16.01	6.4	ng/ul	174586	3	14.78	548978	20.0
(DEL) Alkane: Str...	16.49	10.8	ng/ul	303209	4	17.53	563424	20.0
(DEL) Alkane: Str...	17.31	2.4	ng/ul	66931	4	17.53	563424	20.0
Phenanthrene, 2-m...	18.40	2.9	ng/ul	81357	4	17.53	563424	20.0
Anthracene, 2-met...	18.45	3.6	ng/ul	101430	4	17.53	563424	20.0
Anthracene, 9-met...	18.59	4.1	ng/ul	115518	4	17.53	563424	20.0
Phenanthrene, 1-m...	18.63	2.4	ng/ul	68034	4	17.53	563424	20.0
9,10-Anthracenedione	18.94	2.5	ng/ul	70889	4	17.53	563424	20.0
Cyclopenta(def)ph...	19.46	2.3	ng/ul	65525	4	17.53	563424	20.0