LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

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\SOM02.2-EPA-BG113016.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	3.616	122	132	144	rBV	599658	950675	28.18%	1.624%
2	7.388	763	774	792	rVB4	301622	709931	21.04%	1.213%
3	7.558	792	803	816	rBV	210191	400083	11.86%	0.684%
4	7.770	830	839	851	rBV3	262271	505976	15.00%	0.864%
5	8.240	912	919	930	rBV2	508875	1078846	31.98%	1.843%
6	8.757	1002	1007	1016	rBV7	30390	71021	2.11%	0.121%
7	8.874	1016	1027	1032	rBV9	21896	62005	1.84%	0.106%
8	8.939	1032	1038	1045	rBV2	350021	638892	18.94%	1.092%
9	9.009	1046	1050	1056	rVV7	37862	81163	2.41%	0.139%
10	9.344	1102	1107	1112	rVB9	31400	59272	1.76%	0.101%
11	9.421	1112	1120	1127	rBV2	307659	612280	18.15%	1.046%
12	9.491	1127	1132	1140	rVV6	35381	70013	2.08%	0.120%
13	9.726	1167	1172	1178	rVV9	22155	60332	1.79%	0.103%
14	9.791	1178	1183	1189	rVB5	33263	64257	1.90%	0.110%
15	10.143	1229	1243	1251	rBV2	286175	591781	17.54%	1.011%
16	10.496	1289	1303	1305	rBV9	44695	131918	3.91%	0.225%
17	10.520	1305	1307	1317	rVB7	34477	61907	1.83%	0.106%
18	10.684	1328	1335	1344	rVV	400372	757117	22.44%	1.294%
19	11.072	1392	1401	1416	rBV	742212	1499168	44.43%	2.561%
20	11.207	1418	1424	1434	rBV4	101199	207546	6.15%	0.355%
21	11.295	1434	1439	1451	rVB4	25129	56379	1.67%	0.096%
22	11.430	1454	1462	1465	rBV9	32588	77706	2.30%	0.133%
23	11.471	1465	1469	1477	rVB7	32668	64240	1.90%	0.110%
24	11.589	1483	1489	1494	rVB4	35971	79257	2.35%	0.135%
25	11.653	1494	1500	1508	rVB4	22854	60506	1.79%	0.103%
26	11.871	1532	1537	1543	rVV3	62451	112538	3.34%	0.192%
27	12.071	1566	1571	1583	rBV7	52676	187833	5.57%	0.321%
28	12.206	1589	1594	1604	rVB3	109879	204639	6.07%	0.350%
29	12.423	1625	1631	1639	rBV3	91453	166649	4.94%	0.285%
30	12.617	1662	1664	1674	rVB3	25622	55860	1.66%	0.095%
31	12.735	1674	1684	1690	rBV7	143173	357524	10.60%	0.611%
32	12.846	1698	1703	1711	rVB7	42151	109529	3.25%	0.187%
33	12.928	1711	1717	1721	rVB2	56257	96716	2.87%	0.165%
34	13.111	1741	1748	1759	rVB2	59526	188647	5.59%	0.322%

LSC Area Percent Report

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Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	13.216	1759	1766	1768	rBV8	40012	92616	2.75%	0.158%
36	13.346	1781	1788	1794	rBV2	101870	218771	6.48%	0.374%
37	13.393	1794	1796	1802	rVB4	36322	55711	1.65%	0.095%
38	13.463	1805	1808	1815	rVB9	39992	78317	2.32%	0.134%
39	13.563	1815	1825	1833	rBV7	96442	274321	8.13%	0.469%
40	13.645	1833	1839	1844	rVB	262447	385201	11.42%	0.658%
41	13.916	1880	1885	1892	rVB	35048	78381	2.32%	0.134%
42	14.051	1900	1908	1914	rVB	49964	124212	3.68%	0.212%
43	14.192	1925	1932	1936	rBV5	102863	263142	7.80%	0.450%
44	14.256	1936	1943	1947	rVV	831380	1412320	41.86%	2.413%
45	14.297	1947	1950	1964	rVB	333383	519138	15.39%	0.887%
46	14.421	1966	1971	1974	rBV7	36682	70456	2.09%	0.120%
47	14.562	1989	1995	2004	rVB	774612	1375796	40.78%	2.351%
48	14.638	2004	2008	2012	rBV5	95772	131571	3.90%	0.225%
49	14.709	2015	2020	2026	rVB	348550	453716	13.45%	0.775%
50	14.820	2034	2039	2041	rBV	130005	200233	5.93%	0.342%
51	14.861	2041	2046	2058	rVB	1362694	2306772	68.37%	3.941%
52	14.991	2063	2068	2074	rVB2	90054	145763	4.32%	0.249%
53	15.061	2074	2080	2088	rBV2	261112	504470	14.95%	0.862%
54	15.232	2103	2109	2120	rBV7	235270	415285	12.31%	0.710%
55	15.320	2121	2124	2134	rVB8	55243	100436	2.98%	0.172%
56	15.467	2144	2149	2155	rBV8	61509	110574	3.28%	0.189%
57	15.520	2155	2158	2161	rBV3	62914	79584	2.36%	0.136%
58	15.614	2167	2174	2177	rBV7	119528	308729	9.15%	0.527%
59	15.655	2177	2181	2190	rVB	338132	539425	15.99%	0.922%
60	15.778	2197	2202	2206	rBV	119584	186371	5.52%	0.318%
61	15.849	2208	2214	2228	rVB	1085564	1812824	53.73%	3.097%
62	15.966	2228	2234	2243	rVB2	423875	657621	19.49%	1.124%
63	16.154	2263	2266	2272	rBV7	34827	67149	1.99%	0.115%
64	16.277	2283	2287	2294	rVB6	101931	194106	5.75%	0.332%
65	16.460	2311	2318	2322	rVB6	105572	186483	5.53%	0.319%
66	16.512	2322	2327	2330	rBV	353408	459700	13.63%	0.785%
67	16.554	2331	2334	2340	rVB2	174506	252977	7.50%	0.432%
68	16.736	2362	2365	2367	rBV3	55291	67080	1.99%	0.115%
69	16.877	2384	2389	2397	rVB4	141576	264974	7.85%	0.453%
70	16.953	2398	2402	2409	rVB8	87185	137291	4.07%	0.235%
71	17.300	2458	2461	2474	rVB	294193	450561	13.35%	0.770%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	17.605	2505	2513	2524	rBV	1678888	2750388	81.52%	4.699%
73	17.705	2524	2530	2538	rVV2	1112550	1677612	49.72%	2.866%
74	18.040	2583	2587	2597	rVB	341967	448930	13.31%	0.767%
75	18.445	2651	2656	2665	rBV	638760	987749	29.28%	1.688%
76	18.692	2695	2698	2700	rBV4	67718	77282	2.29%	0.132%
77	18.728	2700	2704	2710	rVB	343651	392527	11.63%	0.671%
78	19.292	2796	2800	2806	rBV4	217142	407700	12.08%	0.697%
79	19.350	2806	2810	2817	rVB	407639	504979	14.97%	0.863%
80	19.503	2833	2836	2842	rVB2	137731	172135	5.10%	0.294%
81	19.703	2866	2870	2878	rBV2	277572	381324	11.30%	0.651%
82	19.844	2890	2894	2899	rBV4	156110	244918	7.26%	0.418%
83	19.920	2904	2907	2911	rVB	443781	489340	14.50%	0.836%
84	19.973	2911	2916	2935	rVB	1206588	2142155	63.49%	3.660%
85	20.443	2992	2996	3006	rVB	534140	733650	21.75%	1.253%
86	20.972	3078	3086	3092	rVB2	720341	1647079	48.82%	2.814%
87	21.471	3167	3171	3182	rVB2	435172	858254	25.44%	1.466%
88	21.601	3190	3193	3200	rBV5	157541	330302	9.79%	0.564%
89	21.683	3203	3207	3211	rBV	495049	666104	19.74%	1.138%
90	21.730	3212	3215	3219	rVB2	321198	411270	12.19%	0.703%
91	21.777	3220	3223	3227	rBV2	159857	223492	6.62%	0.382%
92	21.900	3238	3244	3249	rBV	1778662	3373875	100.00%	5.764%
93	22.024	3259	3265	3268	rBV	1586305	2556522	75.77%	4.368%
94	22.118	3278	3281	3286	rVB2	410675	560861	16.62%	0.958%
95	22.300	3301	3312	3322	rBV2	884326	2841615	84.22%	4.855%
96	22.388	3322	3327	3329	rBV2	953883	1600922	47.45%	2.735%
97	22.423	3330	3333	3337	rVB2	964085	1436063	42.56%	2.453%
98	24.227	3635	3640	3649	rVB3	252809	585853	17.36%	1.001%
99	25.079	3778	3785	3804	rVB	571855	1741210	51.61%	2.975%
100	25.320	3817	3826	3837	rVB2	985406	2873386	85.17%	4.909%

Sum of corrected areas: 58531780

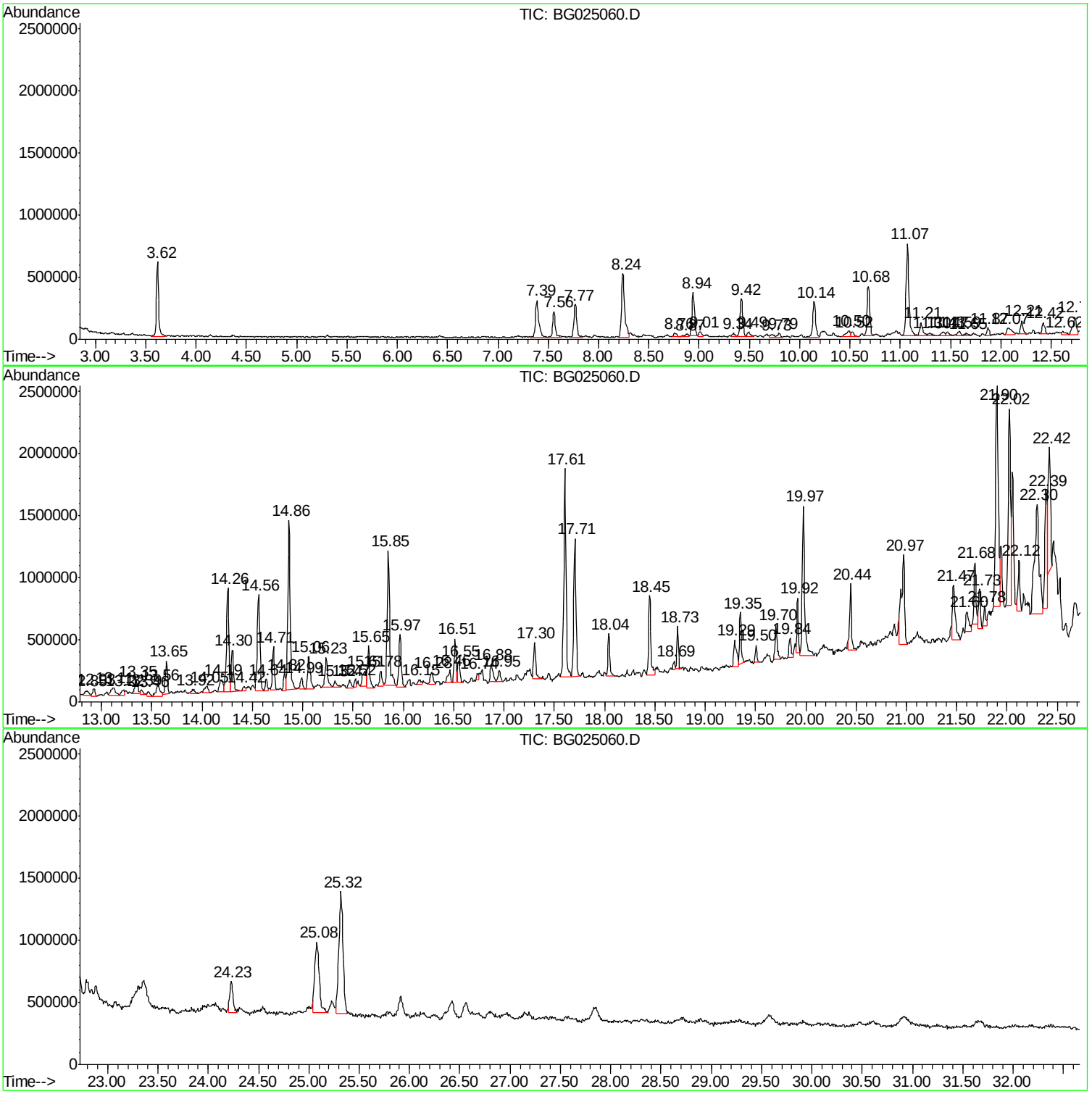
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
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Quant Title : SVOA CALIBRATION

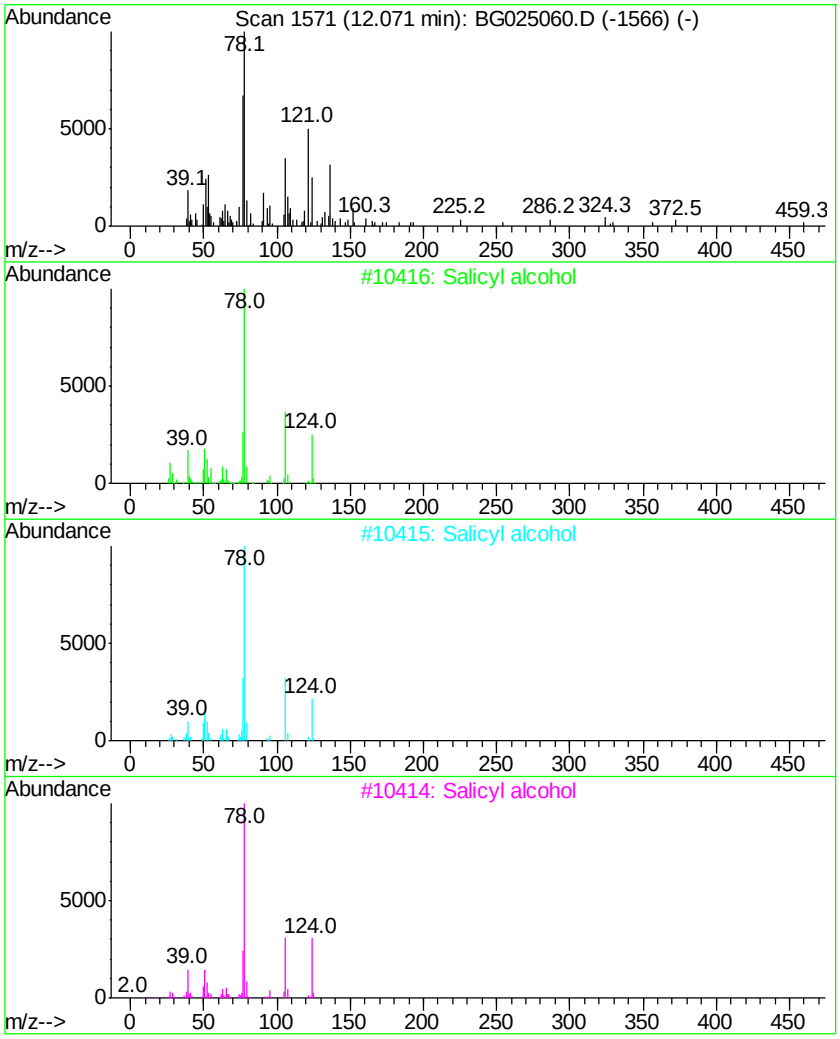
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

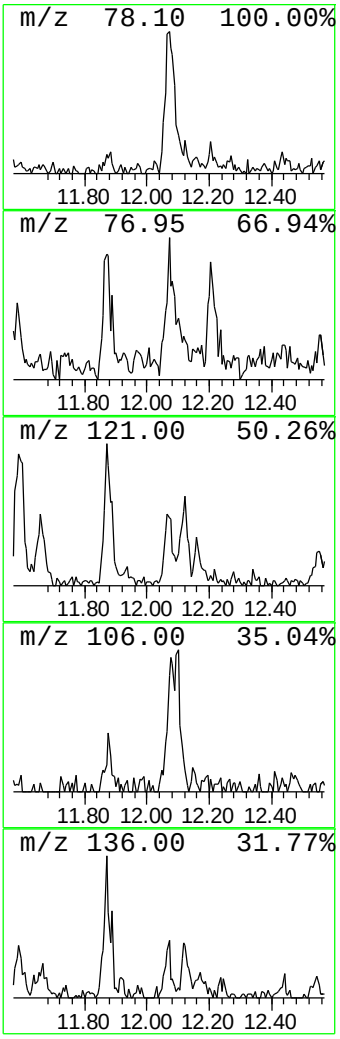
****

Peak Number 1 Salicyl alcohol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.51 ng/ul	187833	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Salicyl alcohol	124	C7H8O2	000090-01-7	72
2	Salicyl alcohol	124	C7H8O2	000090-01-7	64
3	Salicyl alcohol	124	C7H8O2	000090-01-7	64
4	1,3,5-Cyclooctatriene	106	C8H10	001871-52-9	59
5	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

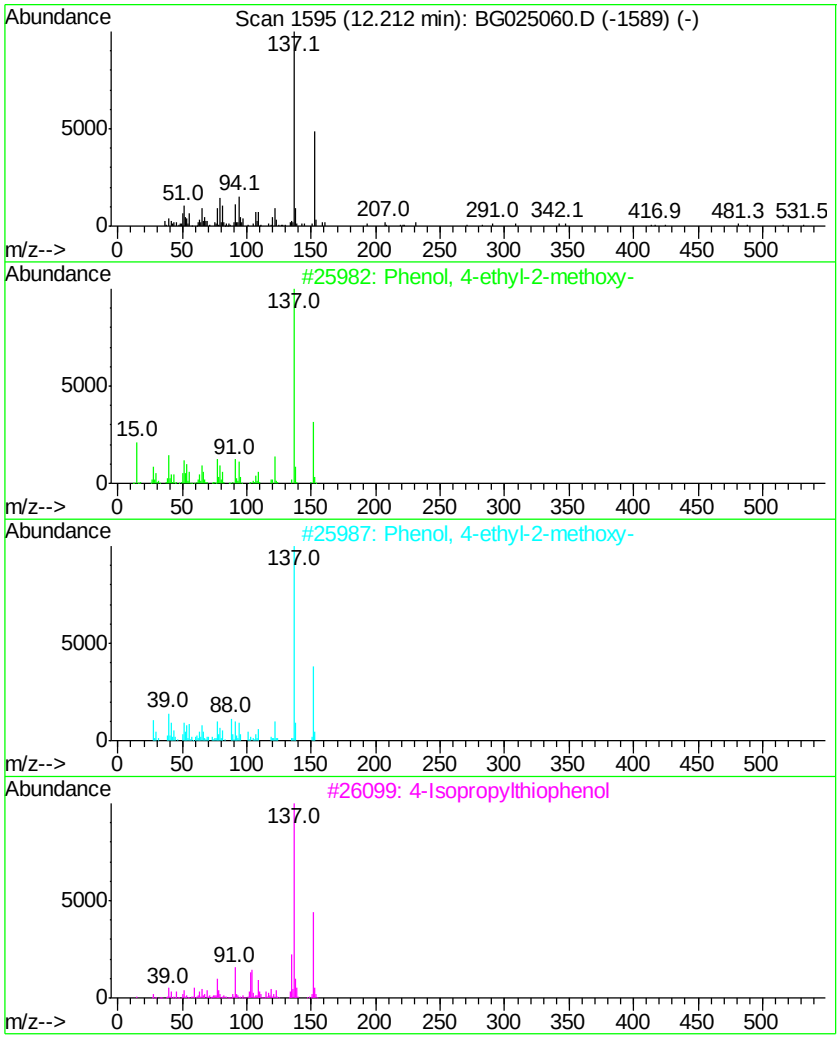
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

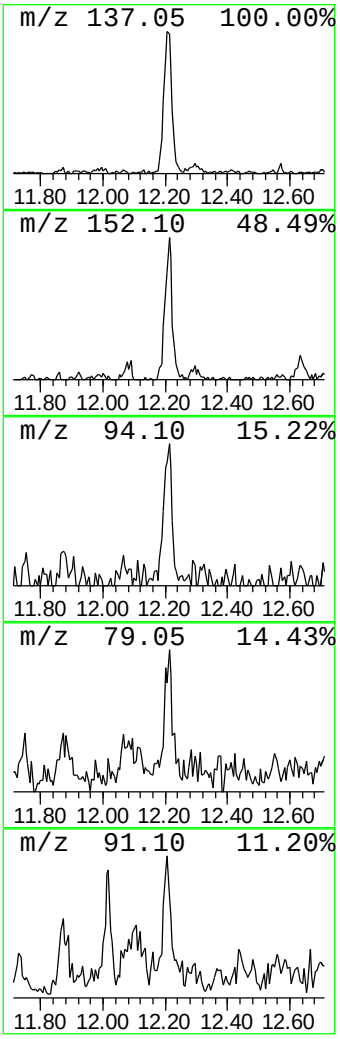
****

Peak Number 2 Phenol, 4-ethyl-2-methoxy- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.73 ng/ul	204639	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	91
2	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	87
3	4-Isopropylthiophenol	152	C9H12S	004946-14-9	64
4	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	59
5	4(1H)-Pyrimidinone, 6-methyl-2-(...	152	C8H12N2O	002814-20-2	59





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

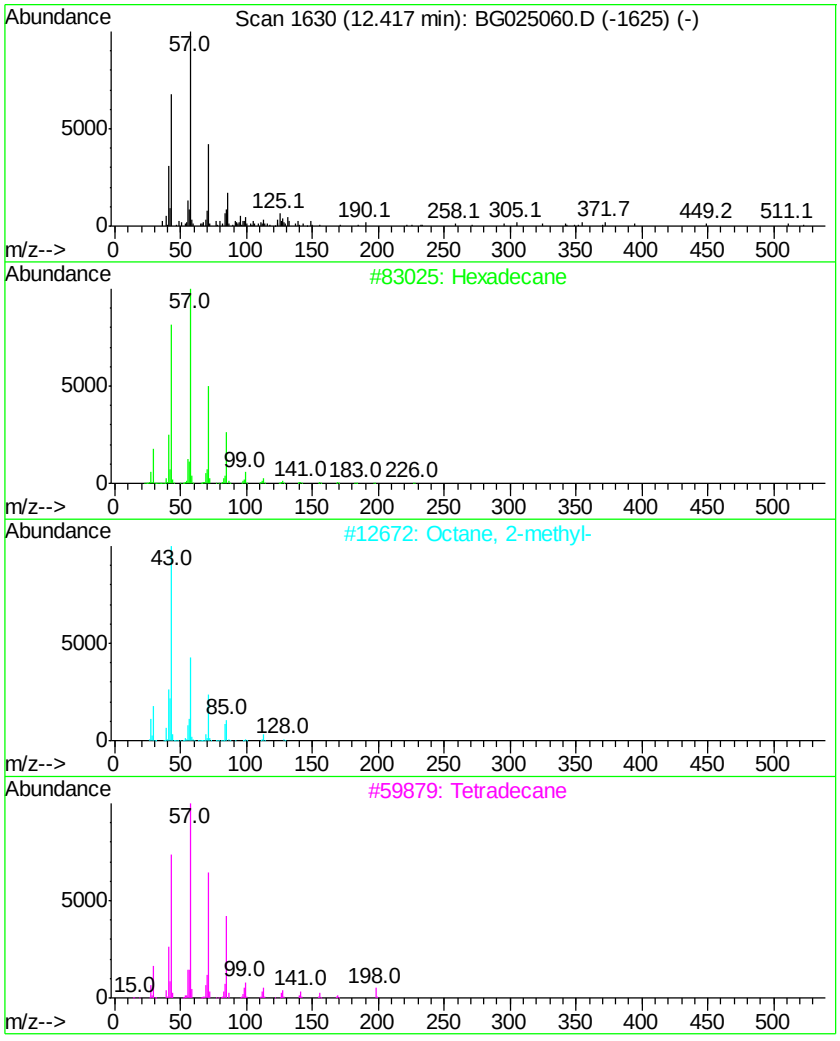
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

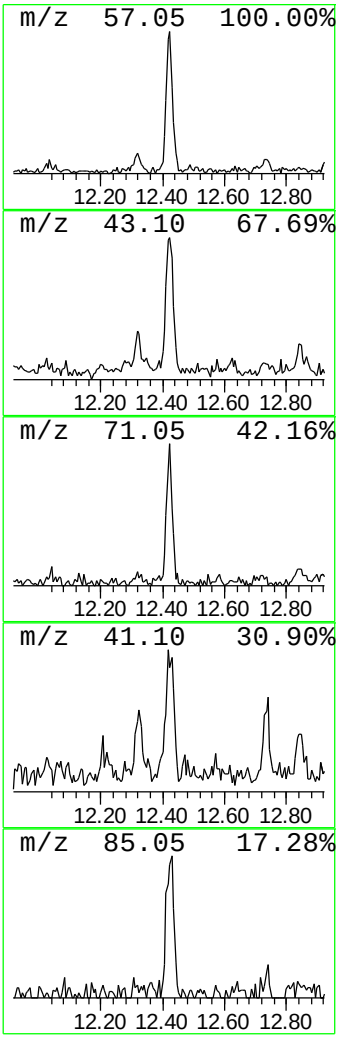
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.22 ng/ul	166649	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Tetradecane	198	C14H30	000629-59-4	53
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53
5	Hexadecane	226	C16H34	000544-76-3	53





Library Search Compound Report

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Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

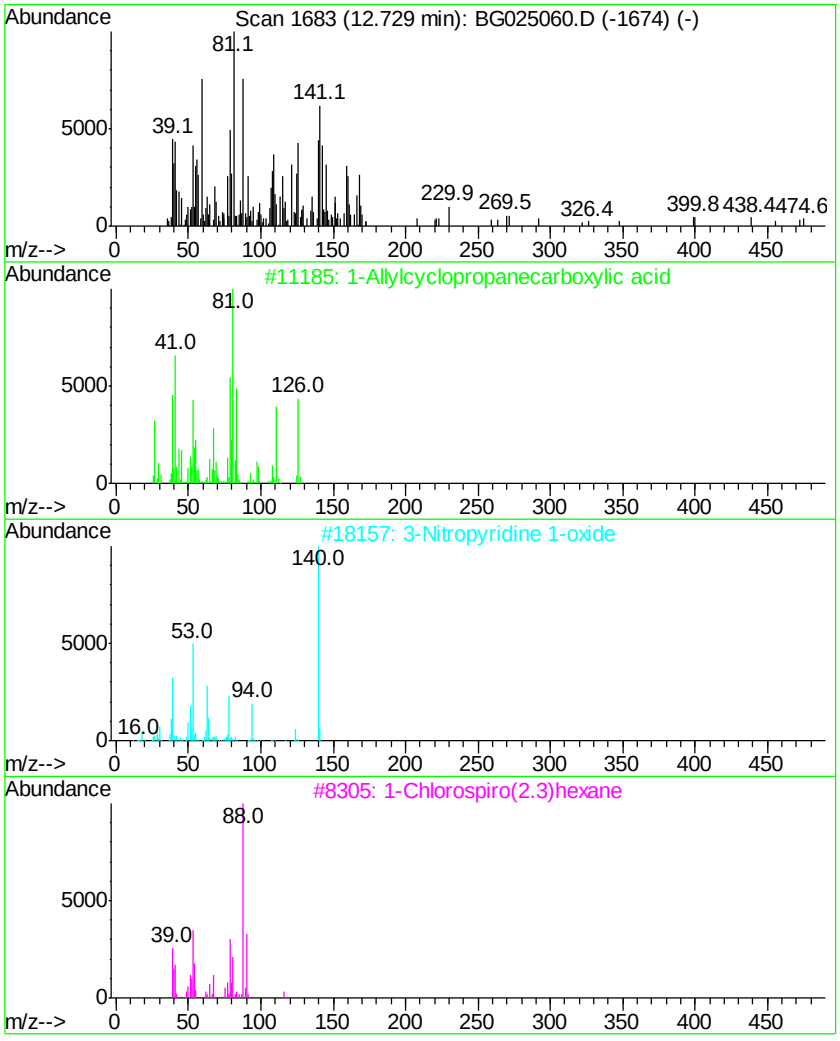
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

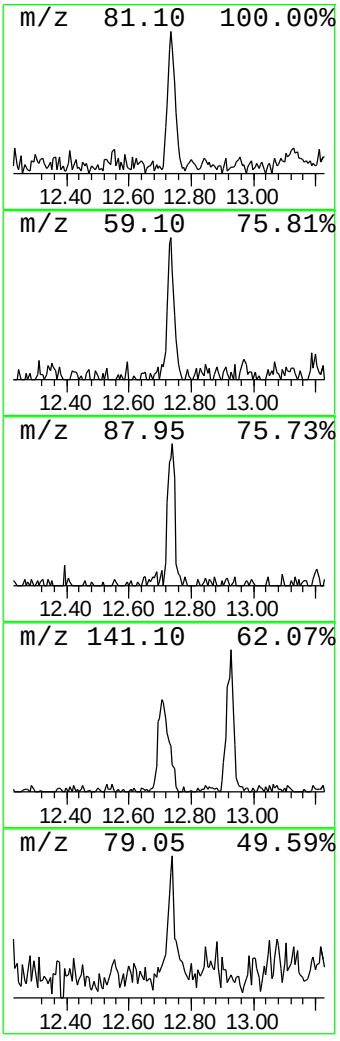
****

Peak Number 4 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.77 ng/ul	357524	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Allylcyclopropanecarboxylic acid	126	C7H10O2	080360-57-2	38
2	3-Nitropyridine 1-oxide	140	C5H4N2O3	002403-01-2	25
3	1-Chlorospiro(2.3)hexane	116	C6H9Cl	091808-52-5	22
4	2-Furanpropionic acid	140	C7H8O3	000935-13-7	22
5	3-Hydroxy-1-methylpyridinium hyd...	127	C6H9NO2	1000280-25-7	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

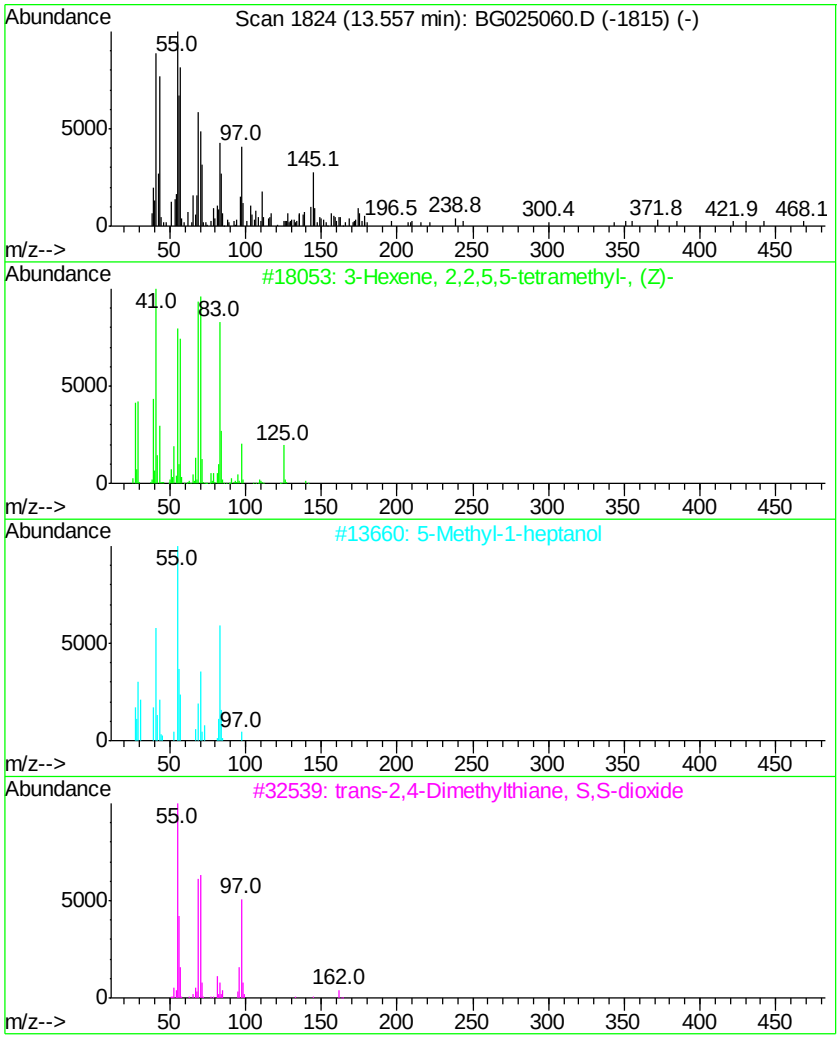
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

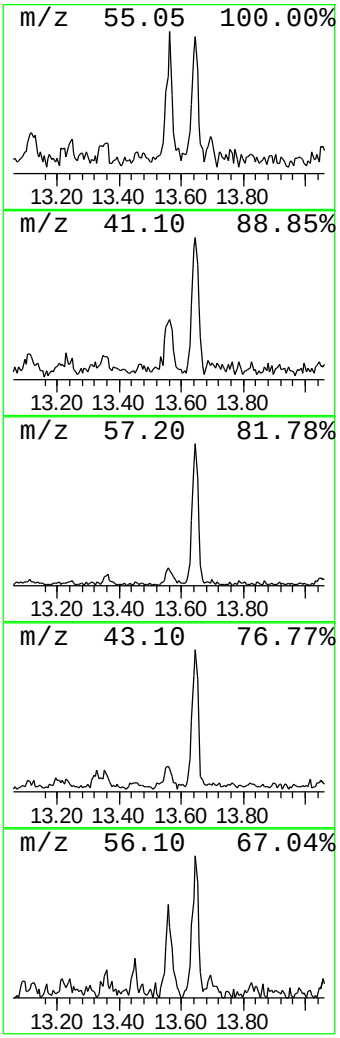
****

Peak Number 5 (DEL) Alkane: Cyclic13.56 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.38 ng/ul	274321	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	50
2	5-Methyl-1-heptanol	130	C8H18O	007212-53-5	47
3	trans-2,4-Dimethylthiane, S,S-di...	162	C7H14O2S	1000215-67-6	45
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
5	3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	38





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Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

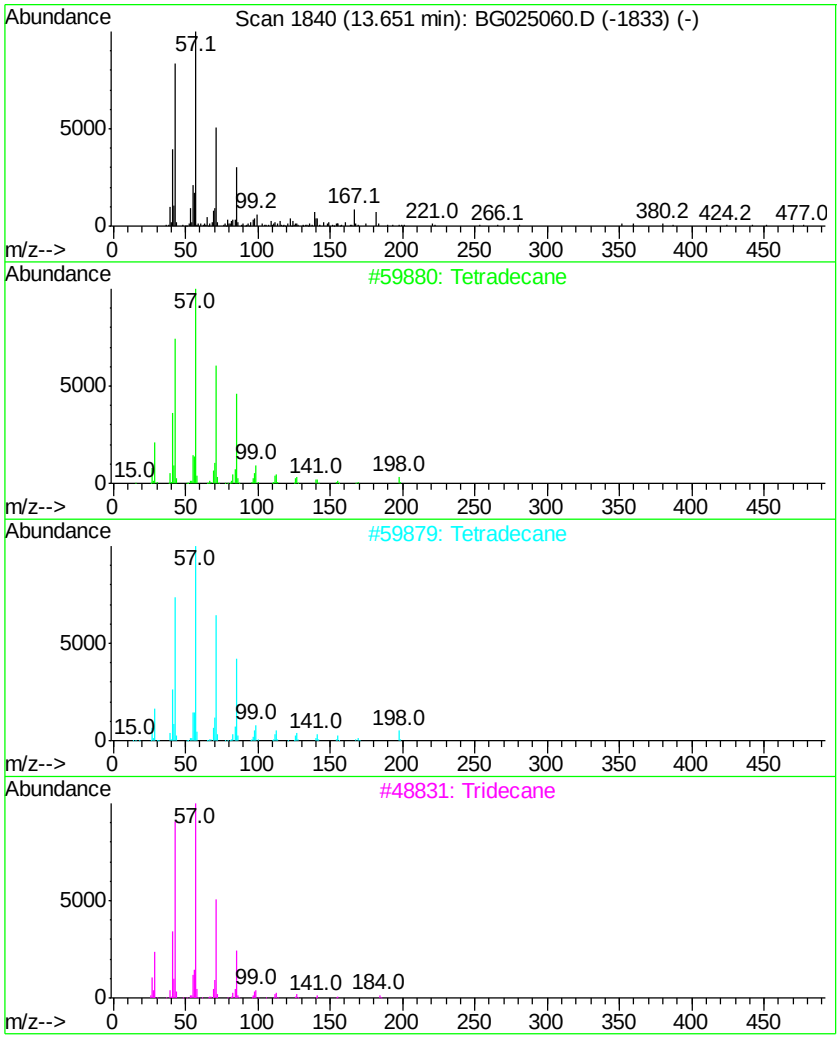
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

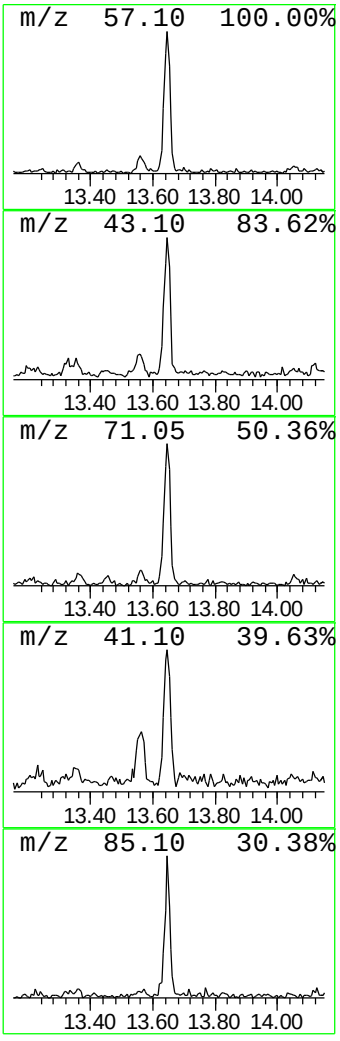
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.34 ng/ul	385201	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Tetradecane	198	C14H30	000629-59-4	76
3	Tridecane	184	C13H28	000629-50-5	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





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Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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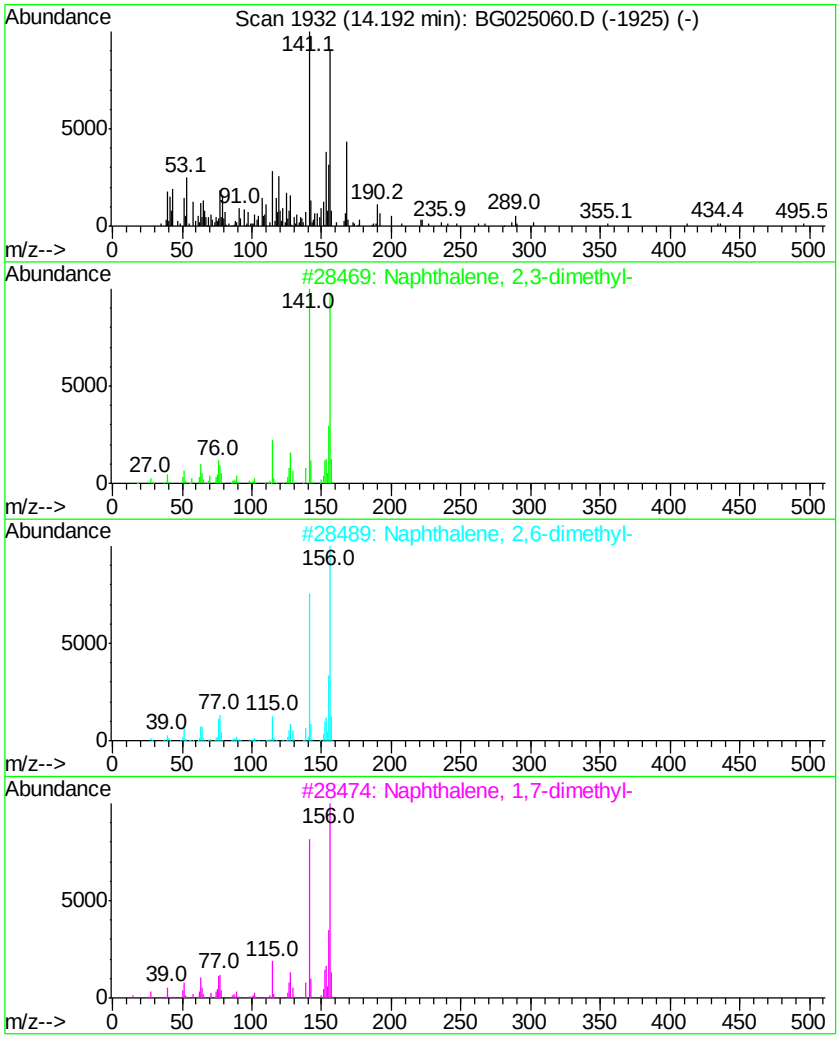
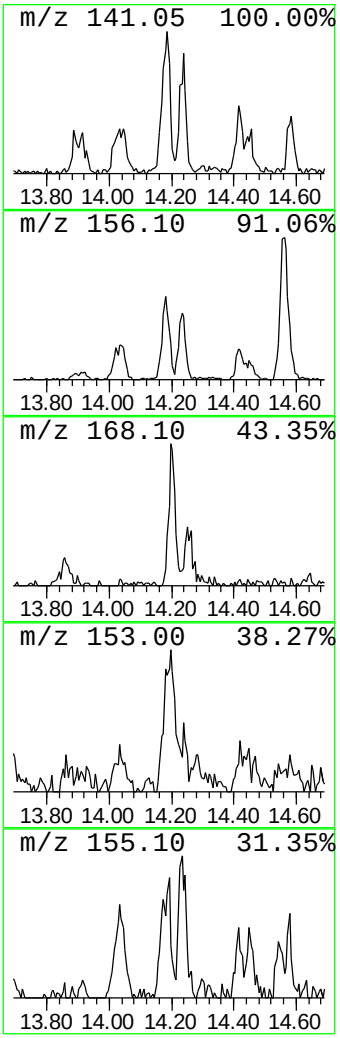
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.28 ng/ul	263142	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	60
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	60
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	60





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Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
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Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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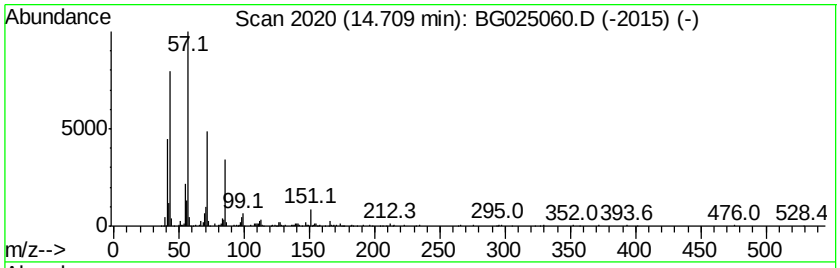
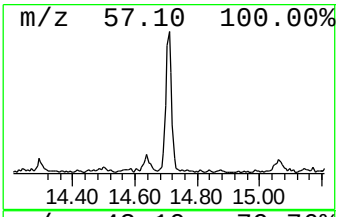
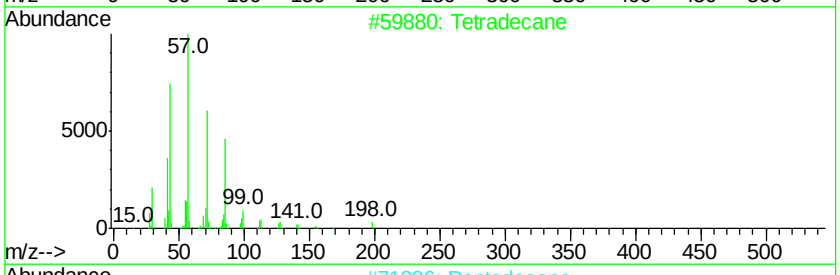
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

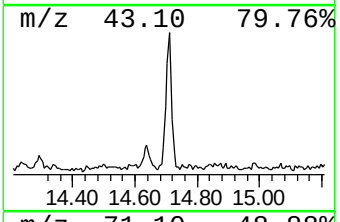
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	3.93 ng/ul	453716	Acenaphthene-d10	14.86

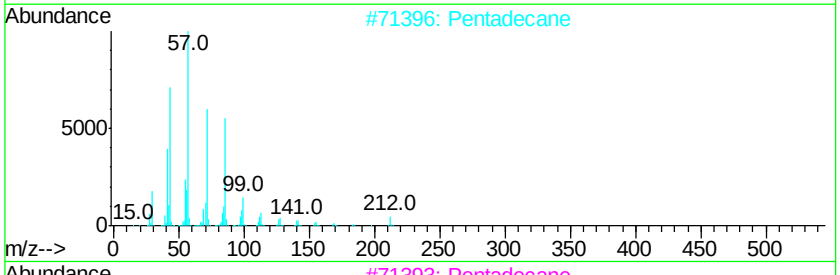
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	80

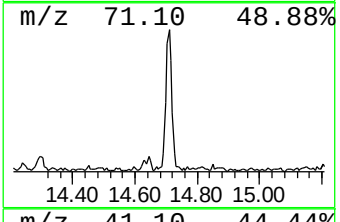


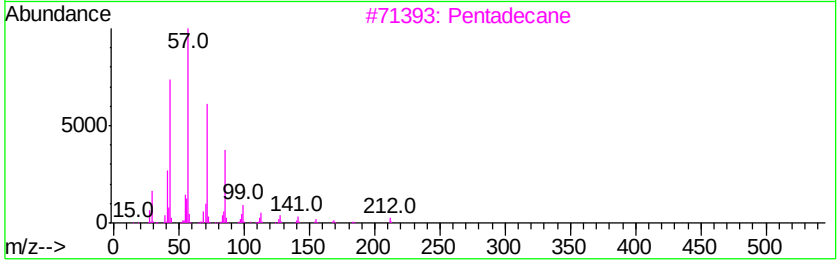


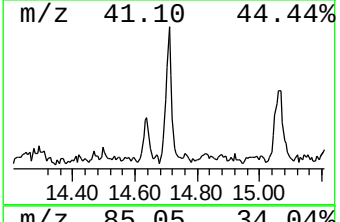


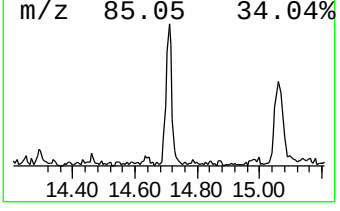












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Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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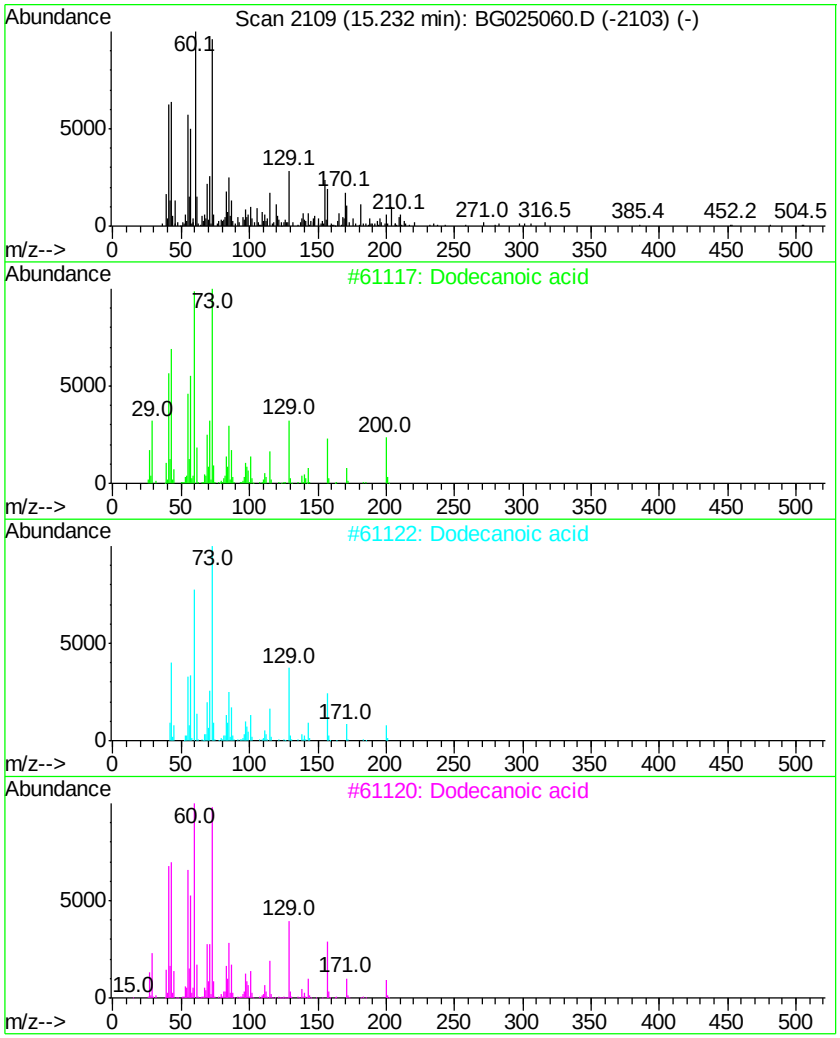
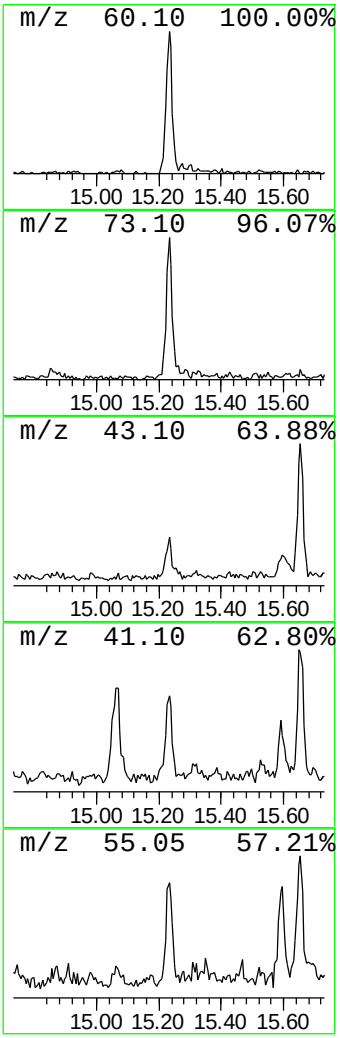
Peak Number 9 Dodecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	3.60 ng/ul	415285	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	96
3	Dodecanoic acid	200	C12H24O2	000143-07-7	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

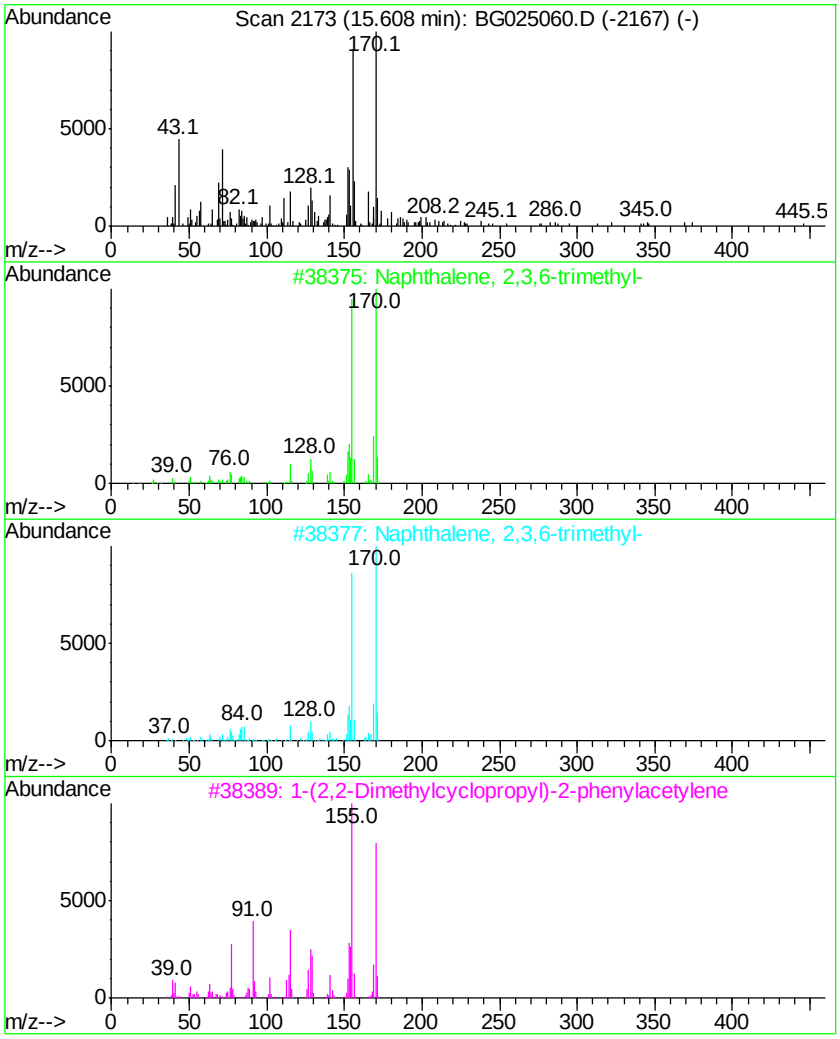
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

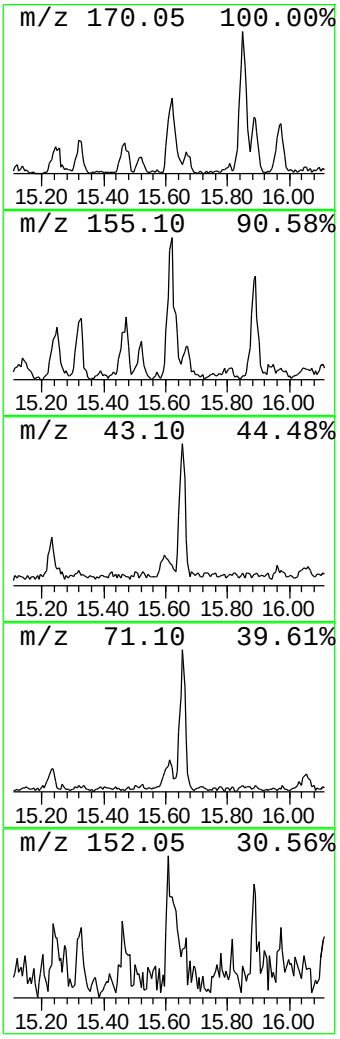
****

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.68 ng/ul	308729	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83





Library Search Compound Report

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Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

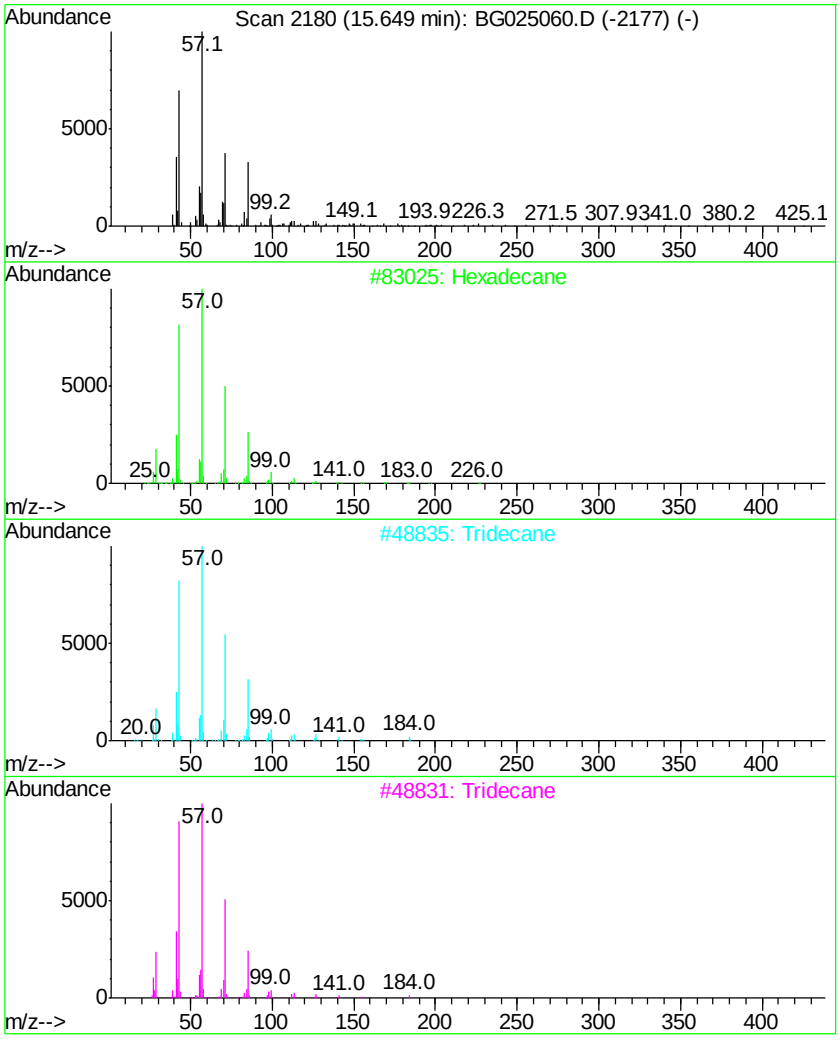
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

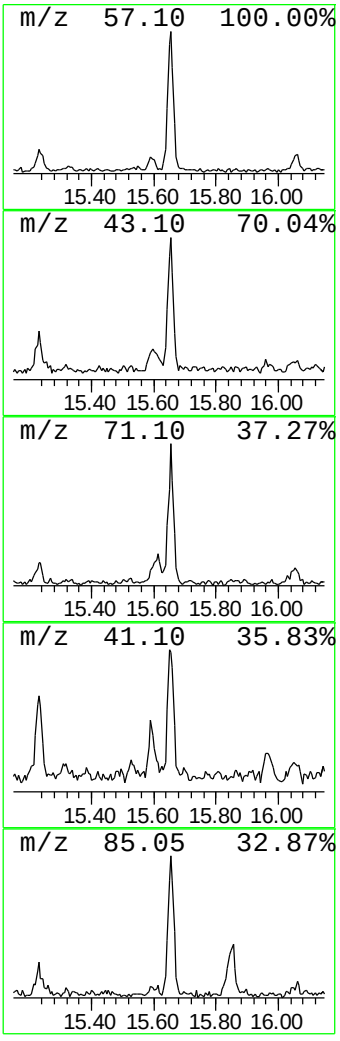
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.68 ng/ul	539425	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	74
3	Tridecane	184	C13H28	000629-50-5	74
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

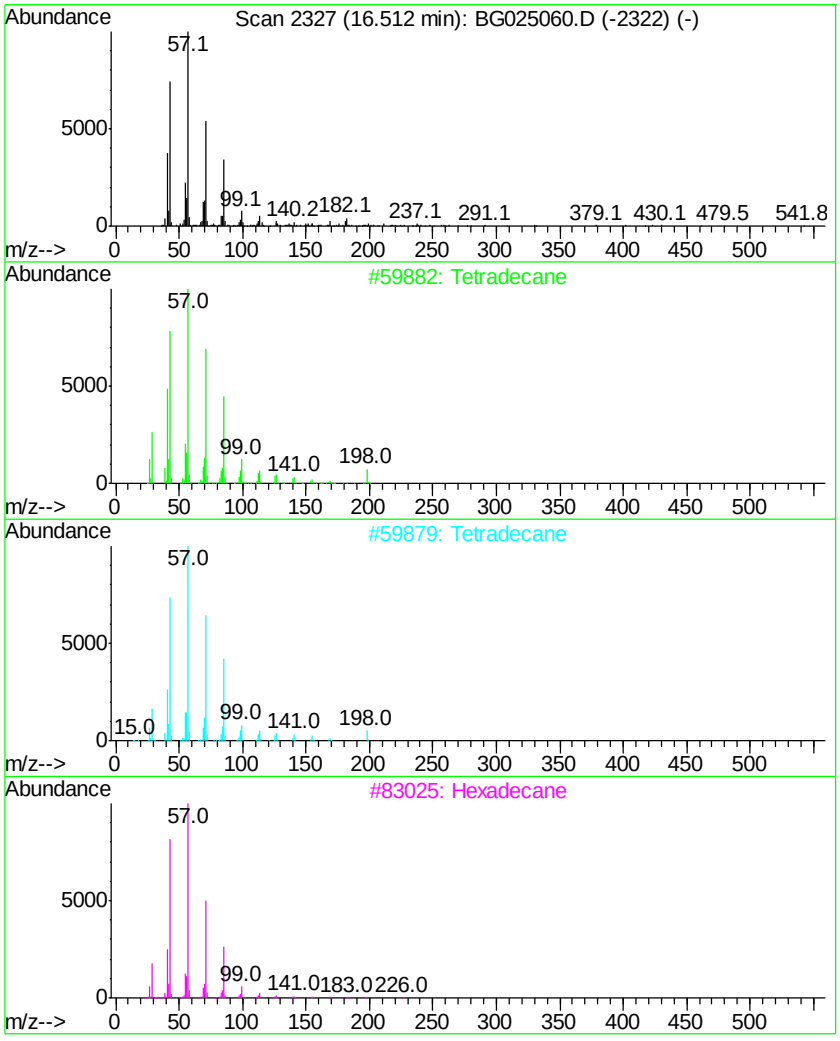
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

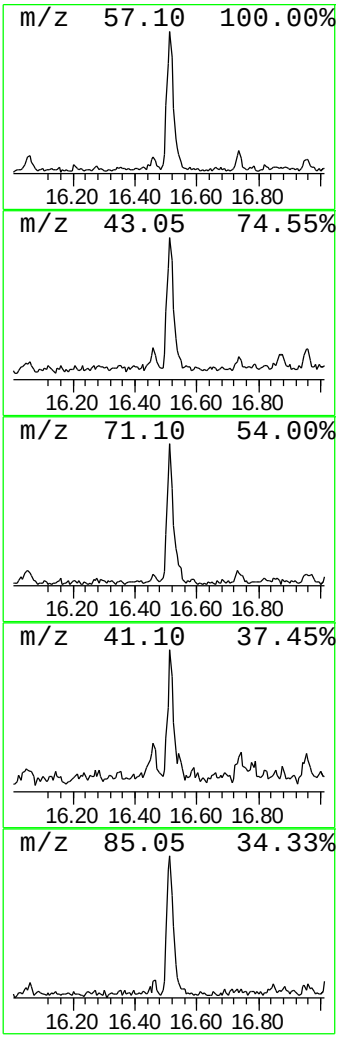
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	3.34 ng/ul	459700	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tetradecane	198	C14H30	000629-59-4	93
3	Hexadecane	226	C16H34	000544-76-3	74
4	Nonadecane	268	C19H40	000629-92-5	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Acq On : 10 Dec 2016 7:45
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Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

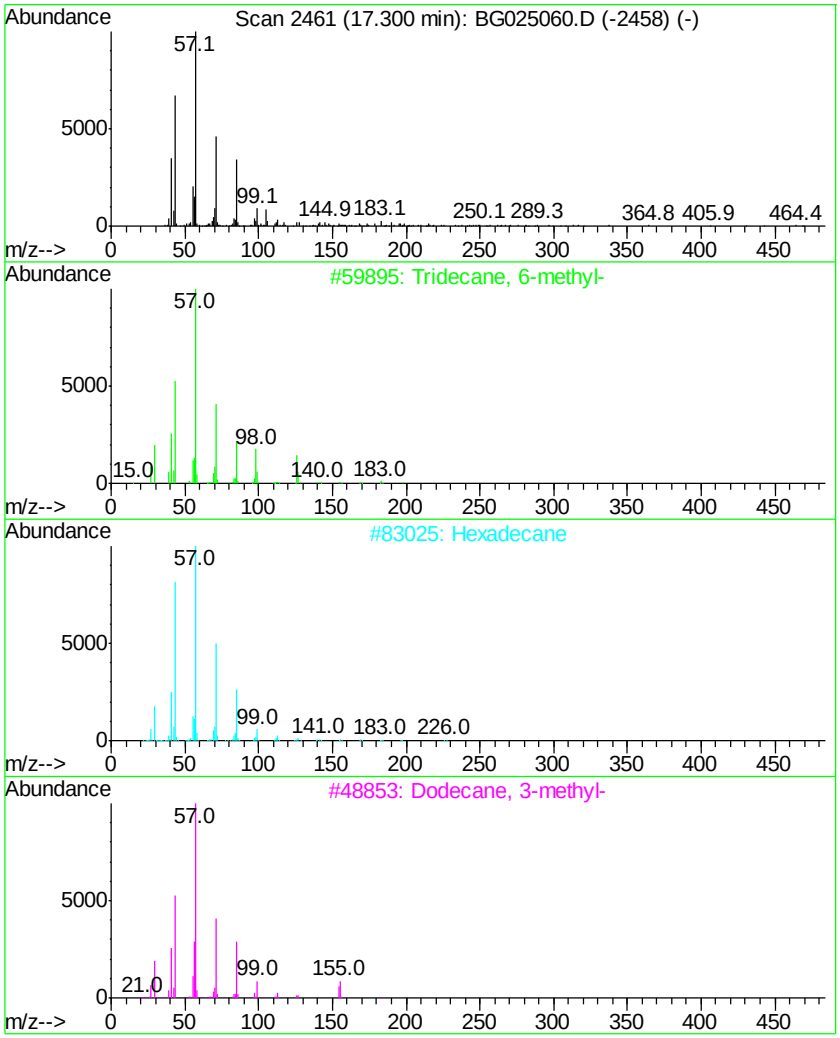
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

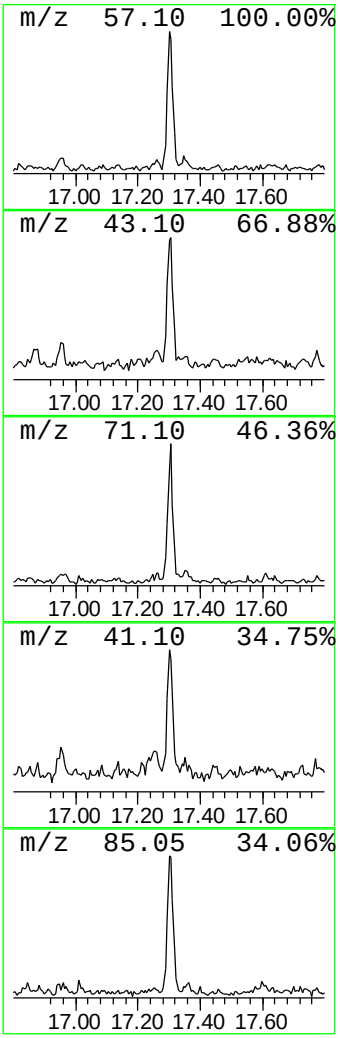
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	3.28 ng/ul	450561	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	80
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64





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Sample : H5863-20
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

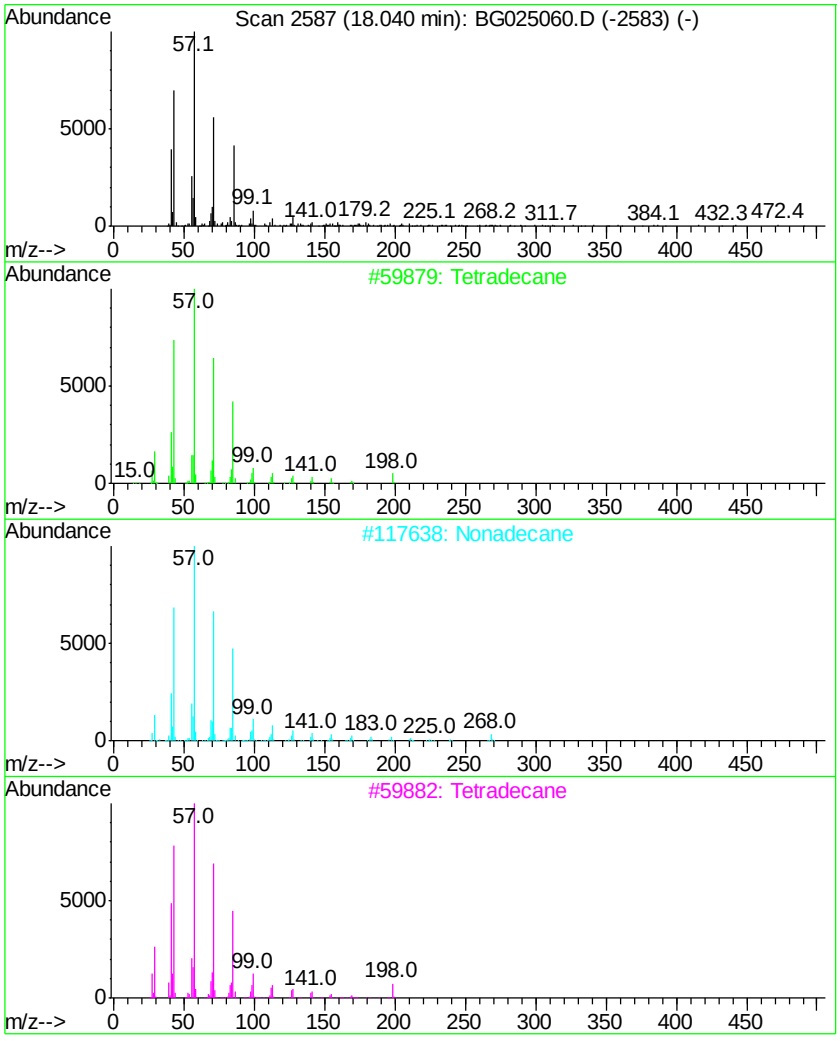
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

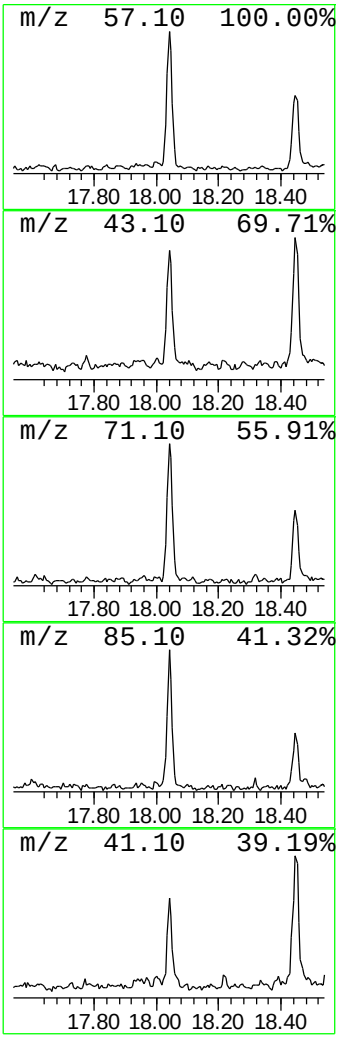
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.26 ng/ul	448930	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Nonadecane	268	C19H40	000629-92-5	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tridecane	184	C13H28	000629-50-5	72





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Acq On : 10 Dec 2016 7:45
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Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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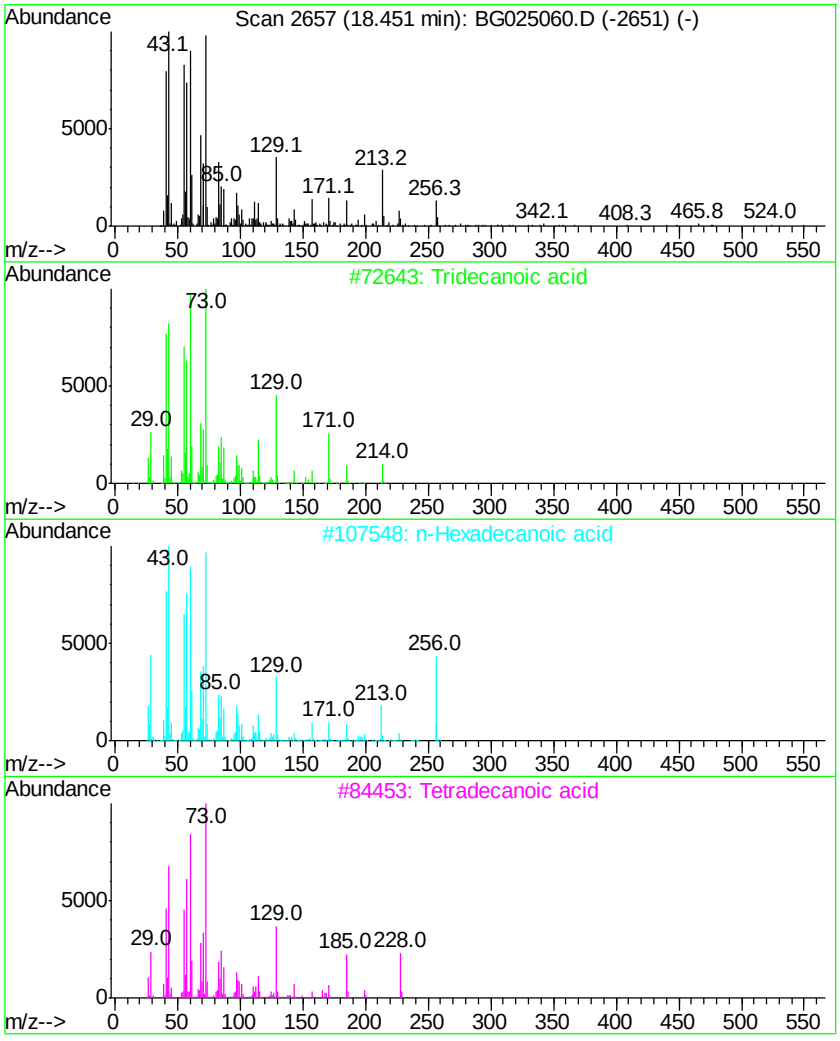
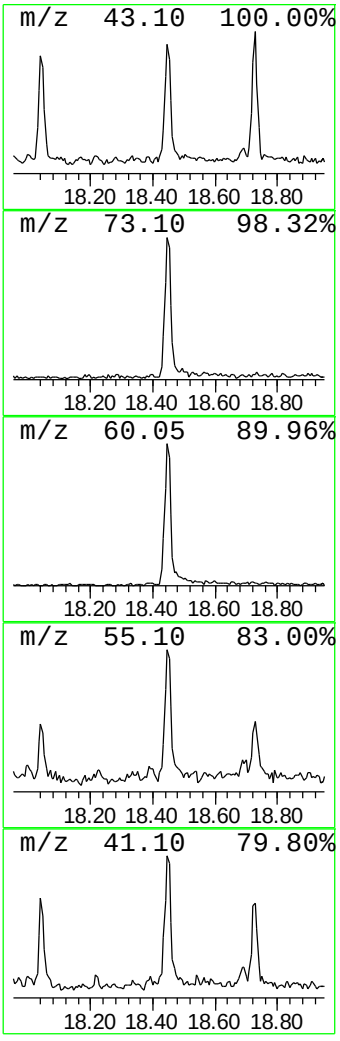
Peak Number 15 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	7.18 ng/ul	987749	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Octadecanoic acid	284	C18H36O2	000057-11-4	72





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Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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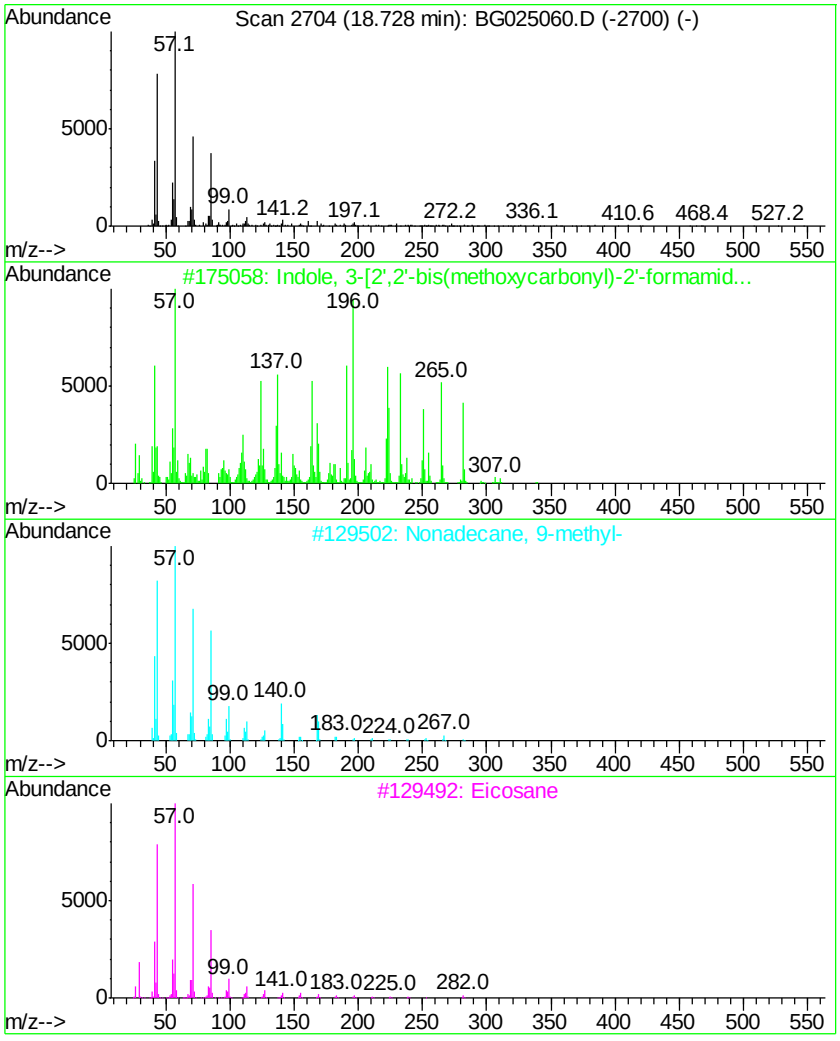
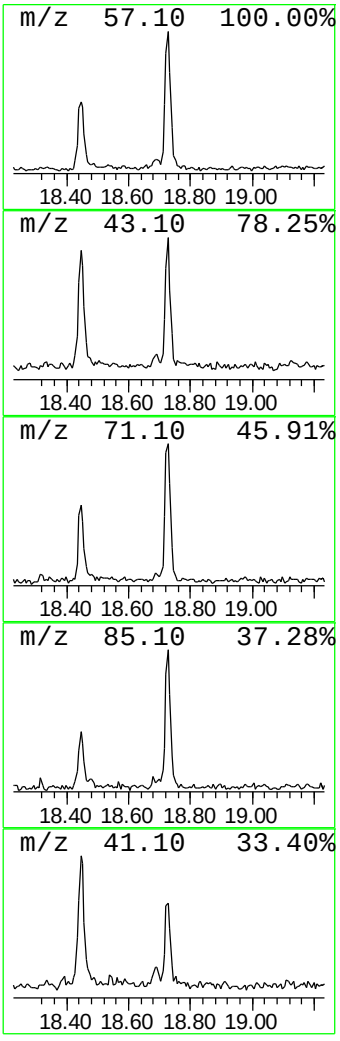
Peak Number 16 Indole, 3-[2',2'-bis(methox... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.85 ng/ul	392527	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole, 3-[2',2'-bis(methoxycarb...	338	C17H26N2O5	1000195-88-7	90
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	81
3	Eicosane	282	C20H42	000112-95-8	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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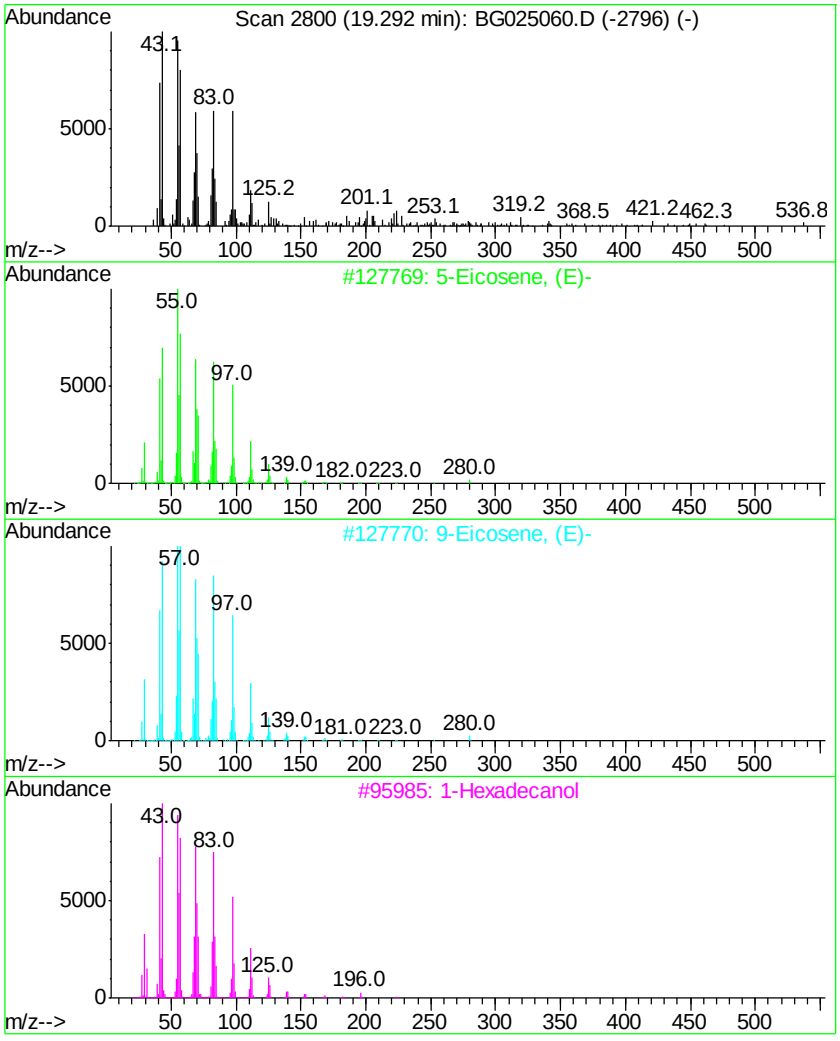
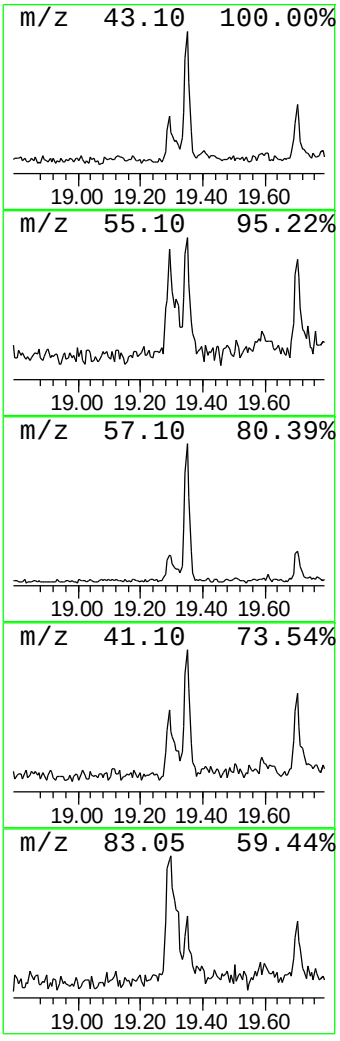
Peak Number 17 (DEL) Alkane: Cyclic19.29 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.96 ng/ul	407700	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	92
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	90
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	87





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ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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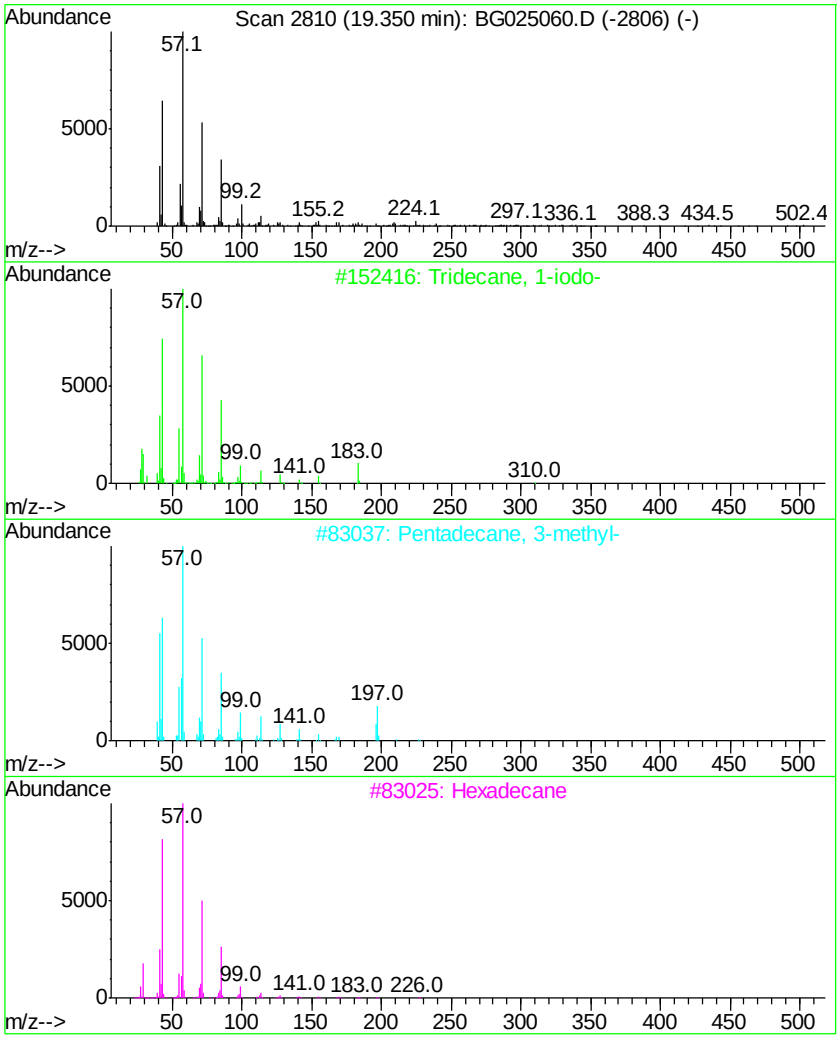
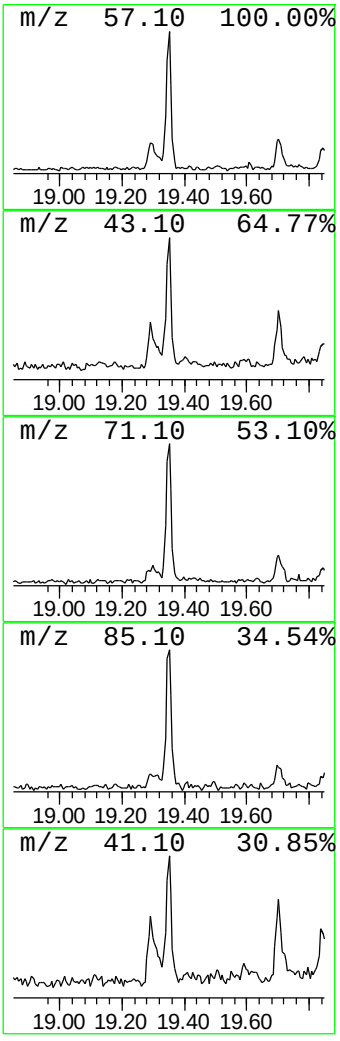
Peak Number 18 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.67 ng/ul	504979	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
2	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptacosane	380	C27H56	000593-49-7	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





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Sample : H5863-20
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Instrument : BNA_G
ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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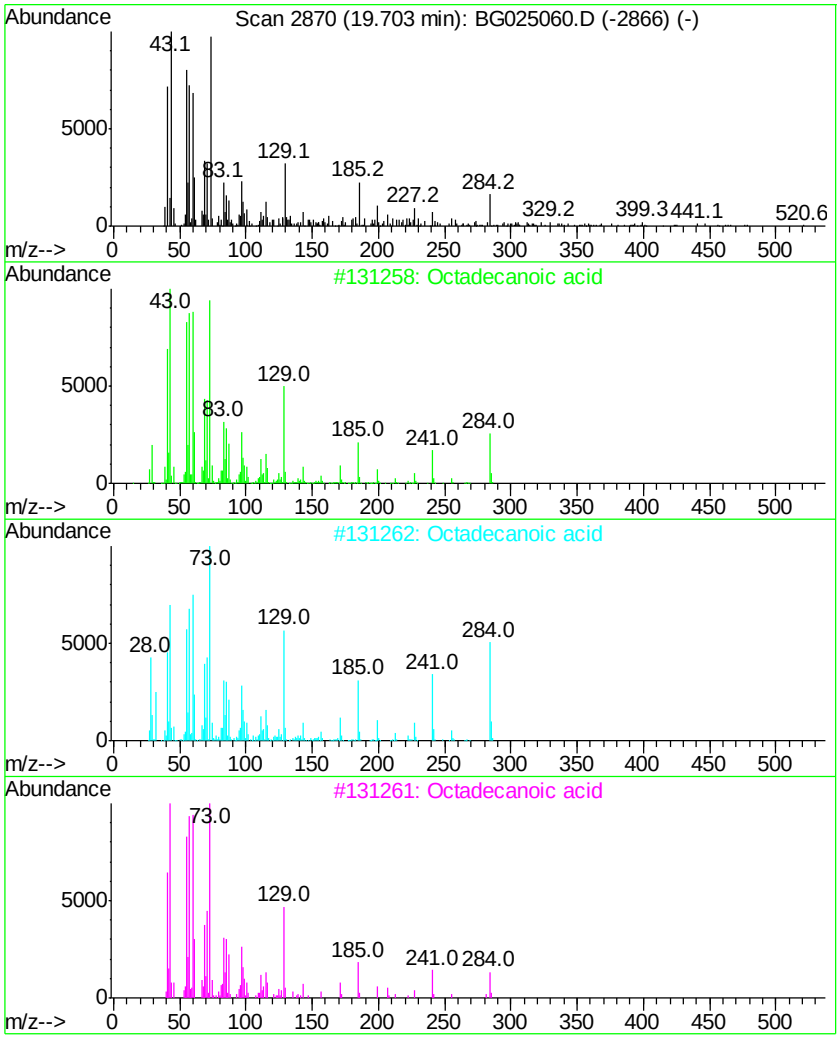
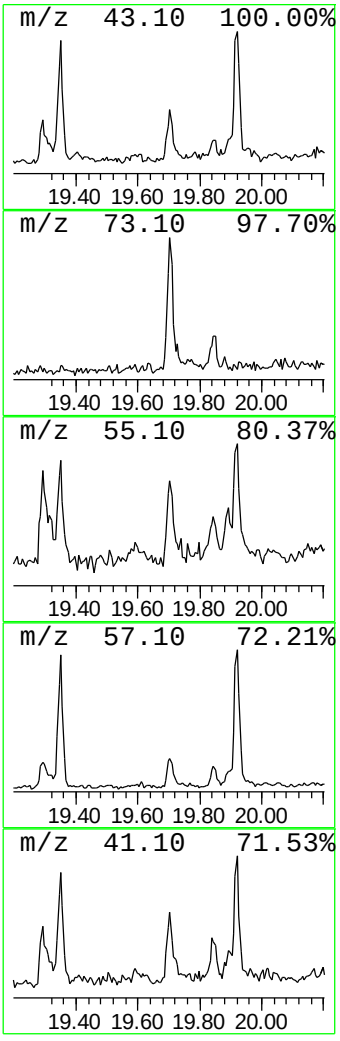
Peak Number 19 Octadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.77 ng/ul	381324	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





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Instrument : BNA_G
ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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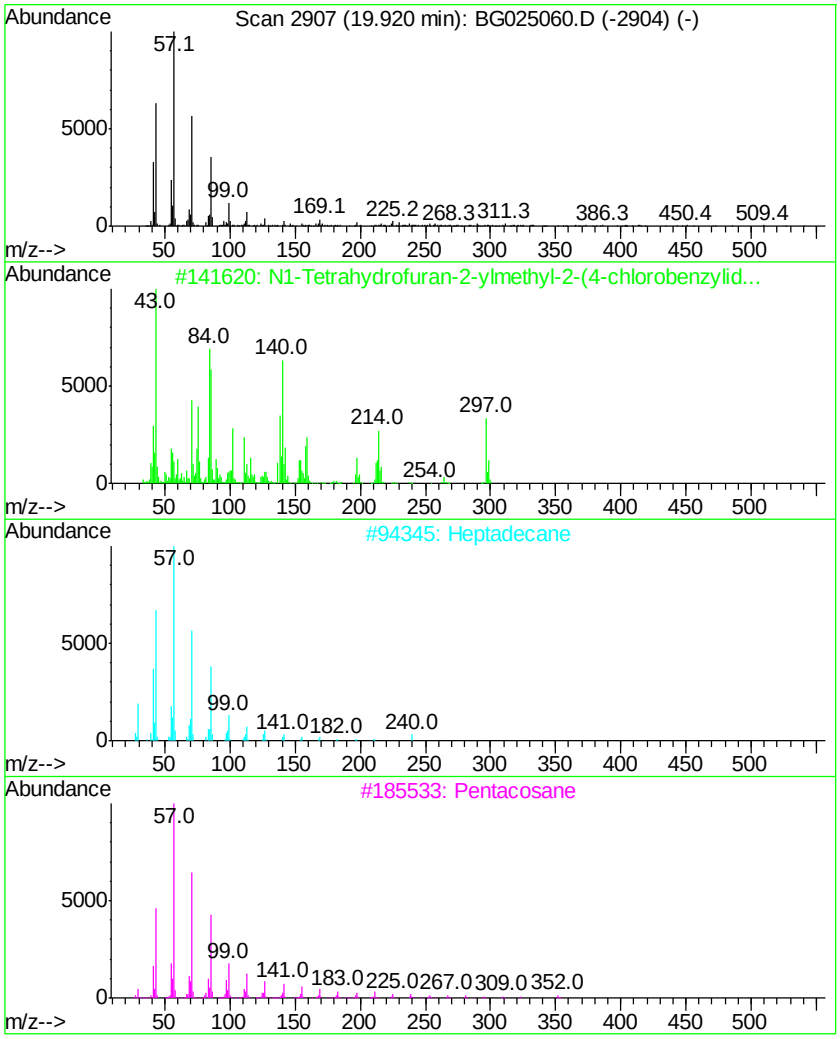
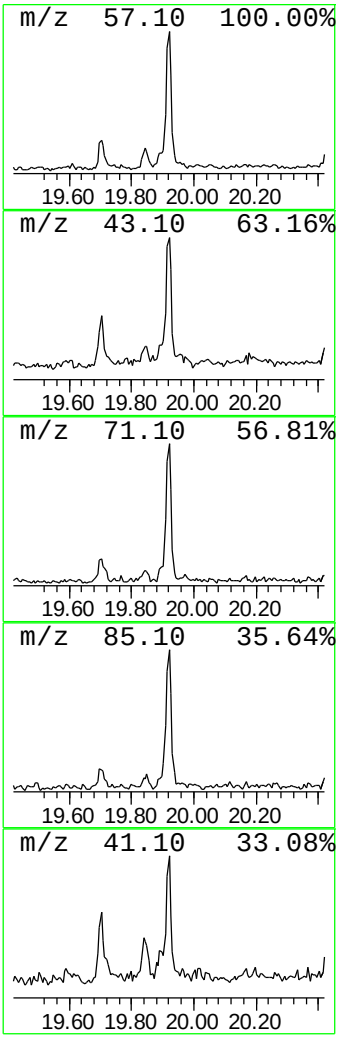
Peak Number 20 N1-Tetrahydrofuran-2-ylmeth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.90 ng/ul	489340	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N1-Tetrahydrofuran-2-ylmethyl-2-...	297	C13H16ClN3OS	283155-62-4	92
2	Heptadecane	240	C17H36	000629-78-7	87
3	Pentacosane	352	C25H52	000629-99-2	83
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	83
5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	80





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ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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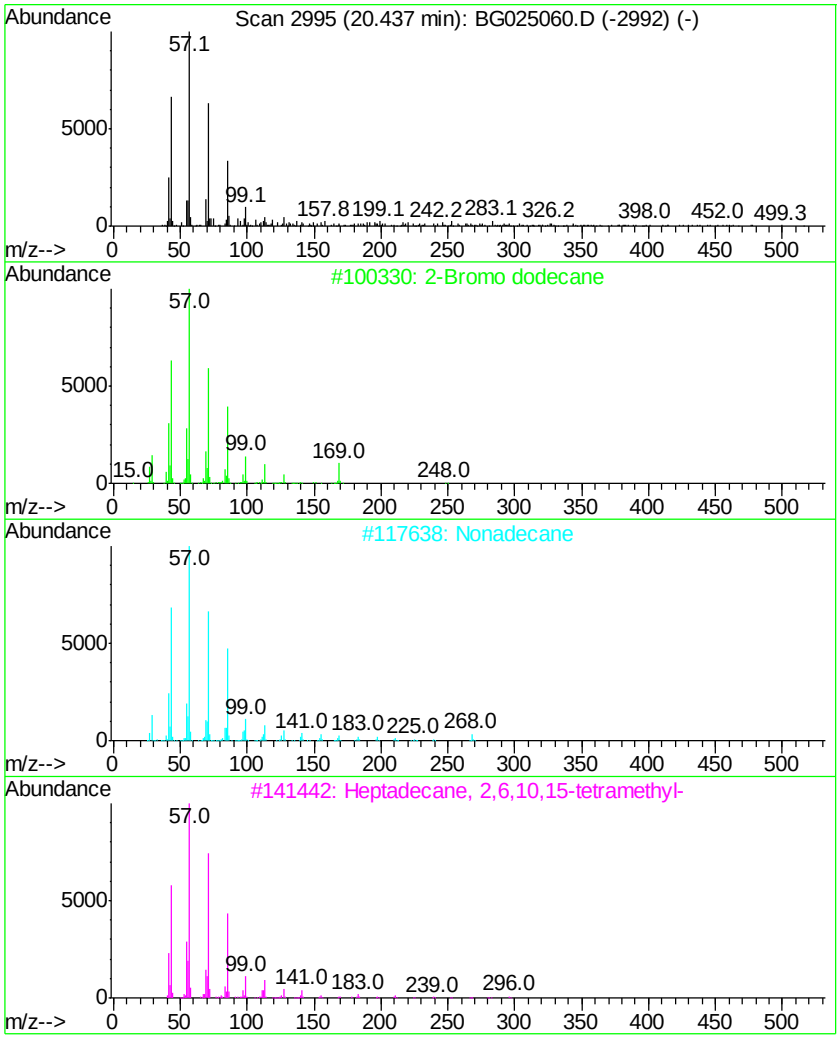
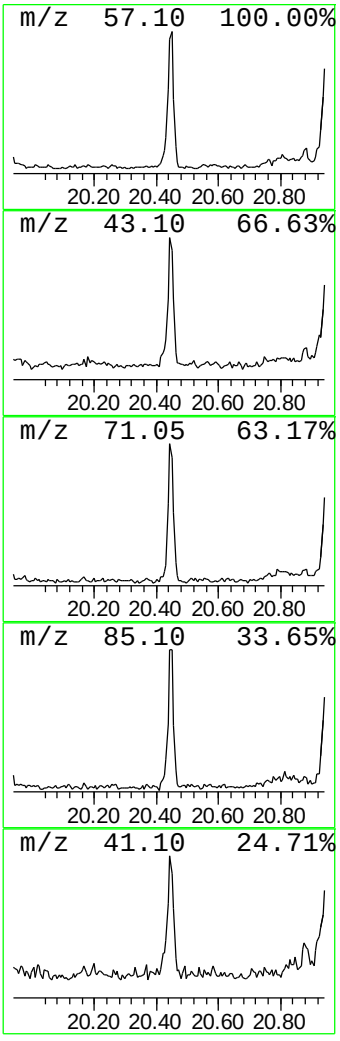
Peak Number 21 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.35 ng/ul	733650	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Instrument : BNA_G
ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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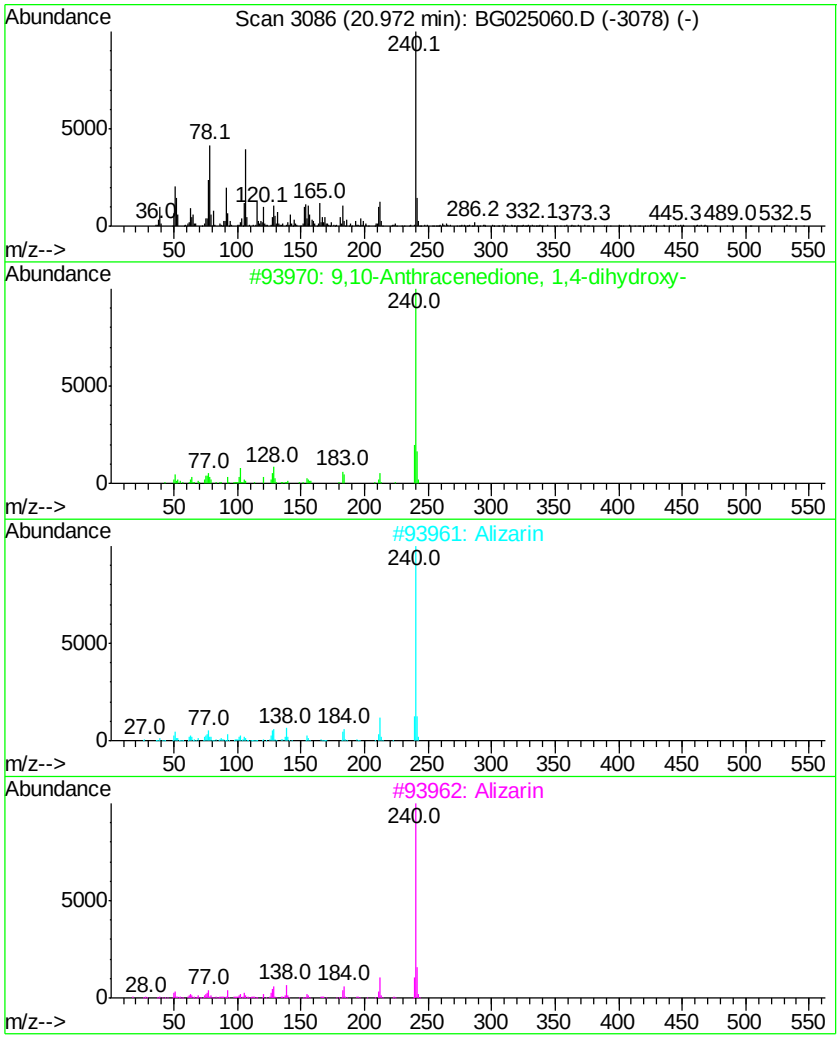
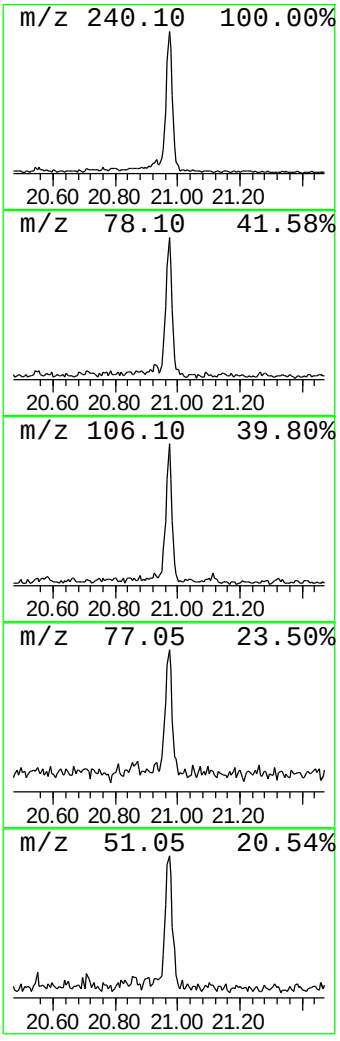
Peak Number 22 9,10-Anthracenedione, 1,4-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	9.76 ng/ul	1647080	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,4-dihydr...	240	C14H8O4	000081-64-1	50
2	Alizarin	240	C14H8O4	000072-48-0	50
3	Alizarin	240	C14H8O4	000072-48-0	50
4	Pyridine, 4,4'-(1,3,4-thiadiazol...	240	C12H8N4S	015311-09-8	47
5	9,10-Anthracenedione, 1,4-dihydr...	240	C14H8O4	000081-64-1	45





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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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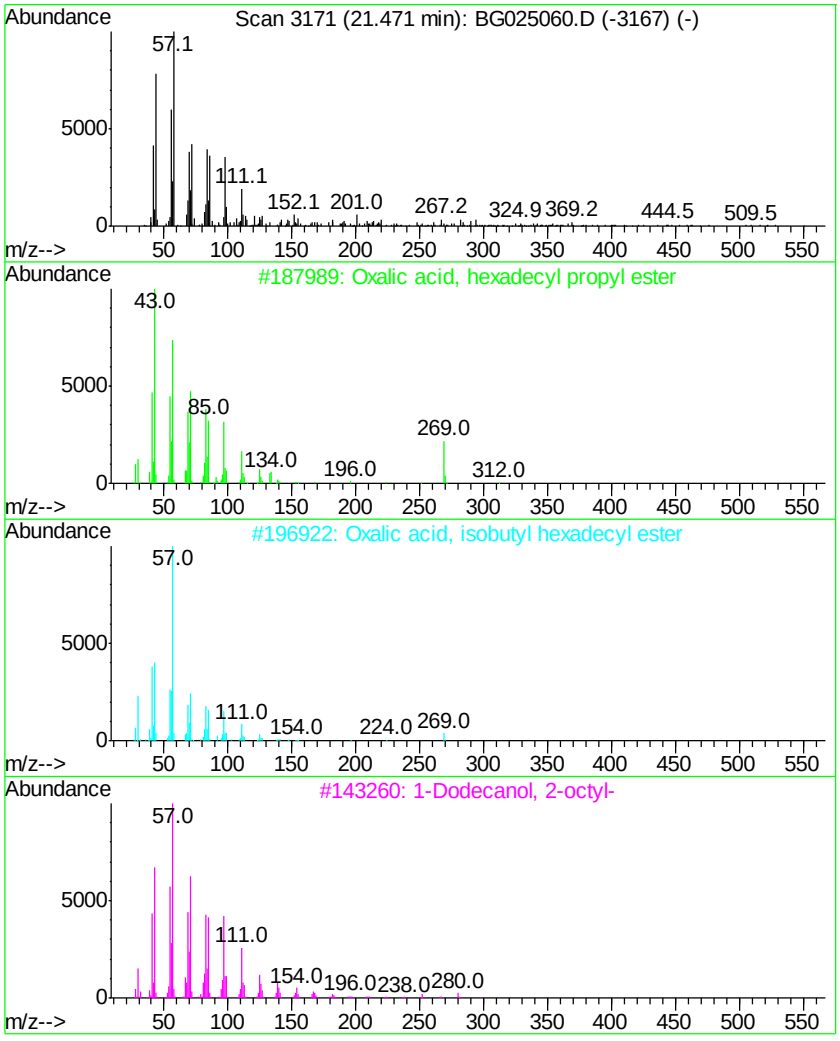
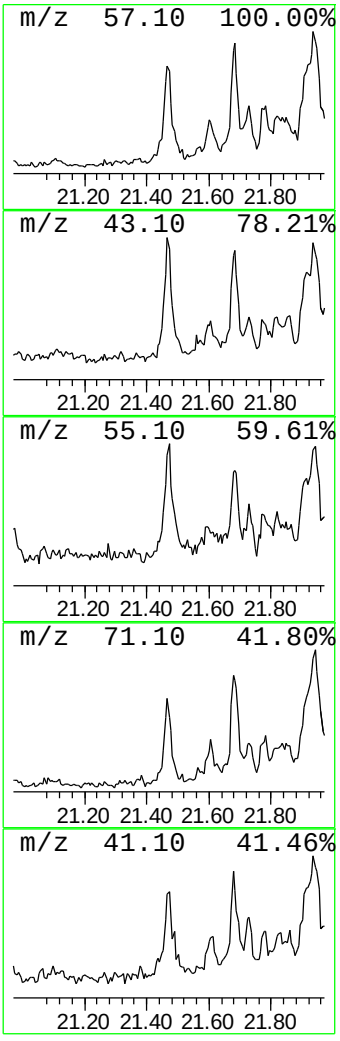
Peak Number 23 Oxalic acid, hexadecyl prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	5.09 ng/ul	858254	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	87
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
4	1-Docosene	308	C22H44	001599-67-3	86
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	86





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

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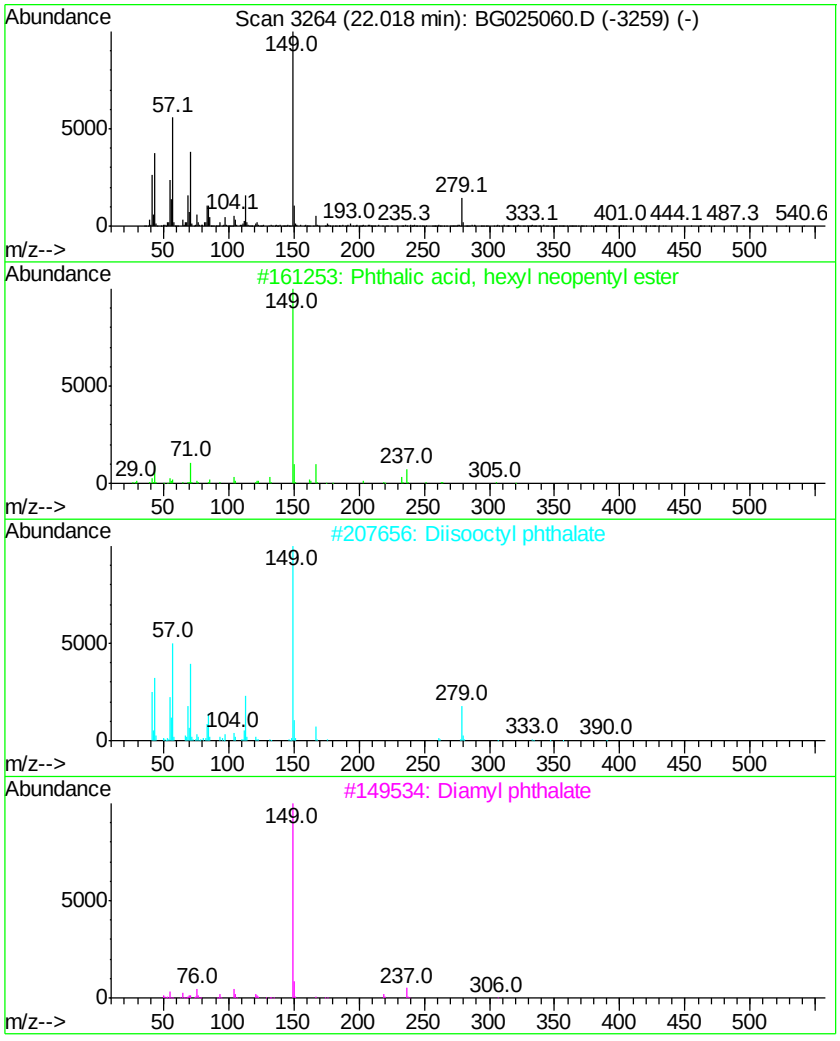
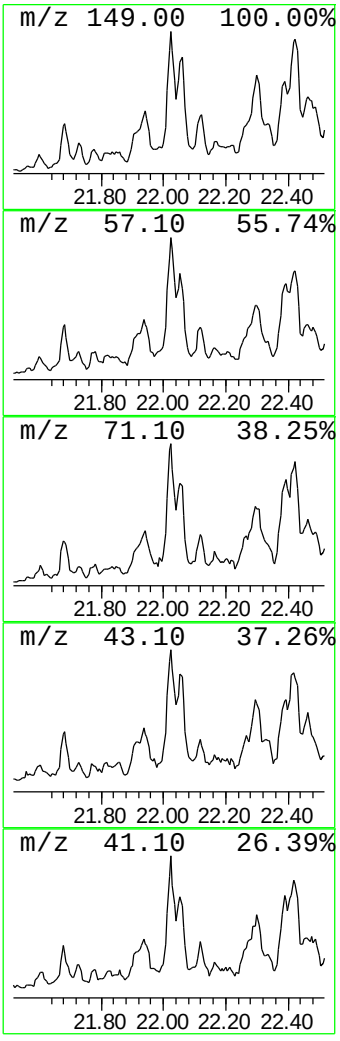
Peak Number 24 Phthalic acid, hexyl neopen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	15.15 ng/ul	2556520	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hexyl neopentyl e...	320	C19H28O4	1000315-29-9	64
2	Diisooctyl phthalate	390	C24H38O4	000131-20-4	64
3	Diamyl phthalate	306	C18H26O4	000131-18-0	60
4	Phthalic acid, isohexyl isopropy...	292	C17H24O4	1000315-00-4	58
5	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	53





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Quant Title : SVOA CALIBRATION

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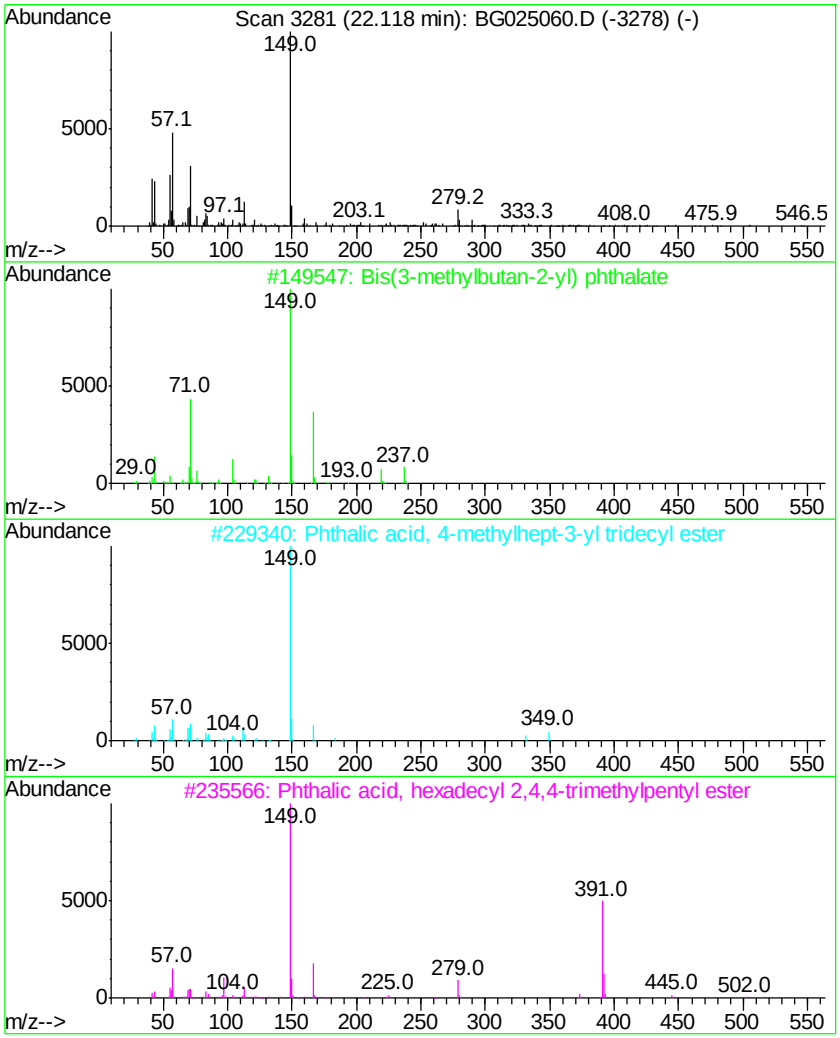
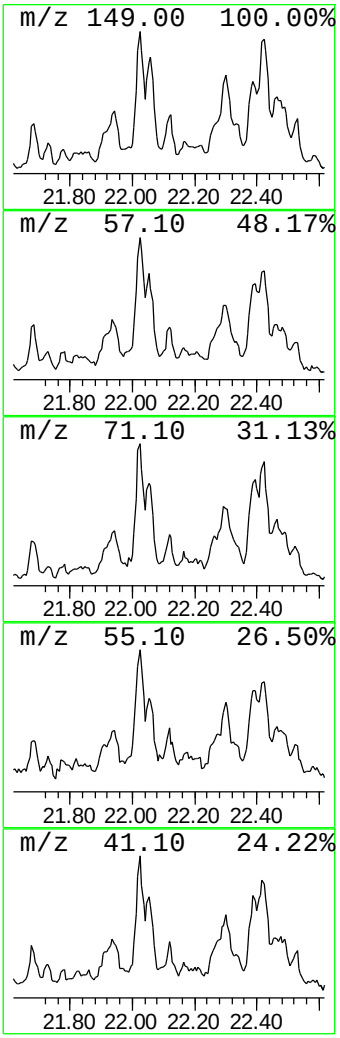
Peak Number 25 Bis(3-methylbutan-2-yl) pht... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	3.32 ng/ul	560861	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(3-methylbutan-2-yl) phthalate	306	C18H26O4	1000373-65-6	64
2	Phthalic acid, 4-methylhept-3-yl...	460	C29H48O4	1000377-94-8	64
3	Phthalic acid, hexadecyl 2,4,4-t...	502	C32H54O4	1000377-78-2	64
4	Phthalic acid, hexyl tetradecyl ...	446	C28H46O4	1000308-91-4	53
5	Phthalic acid, isobutyl octadecy...	474	C30H50O4	1000309-06-1	53





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ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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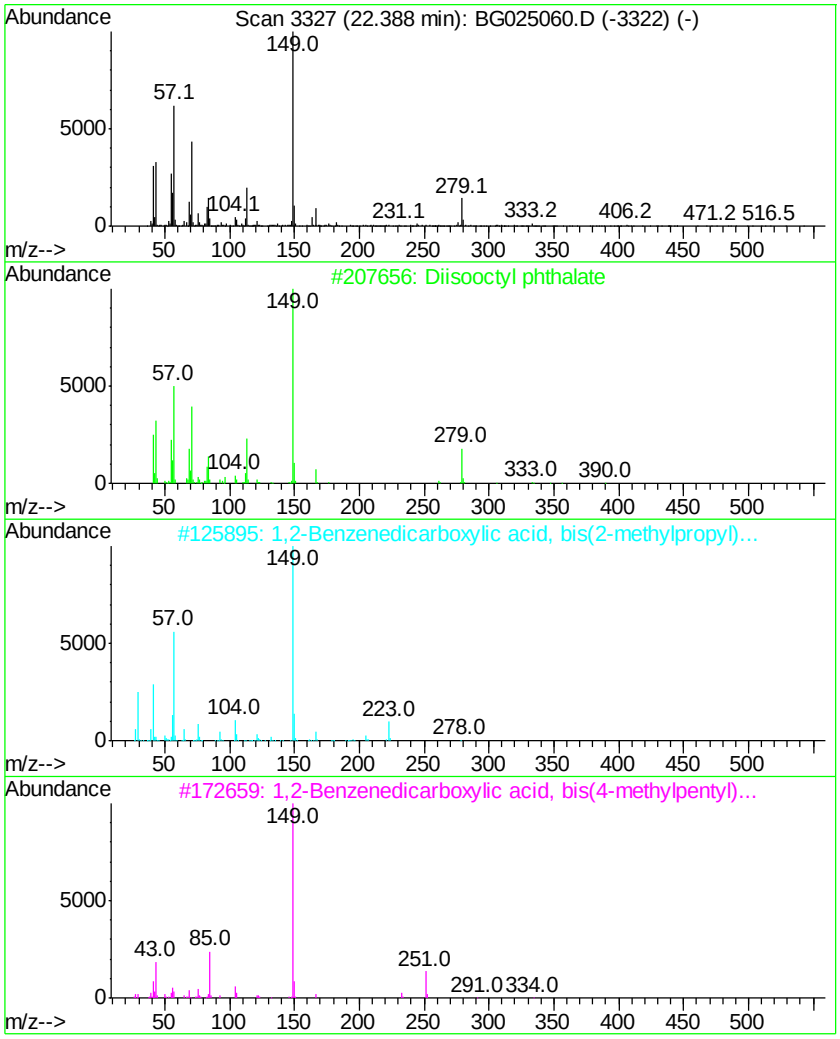
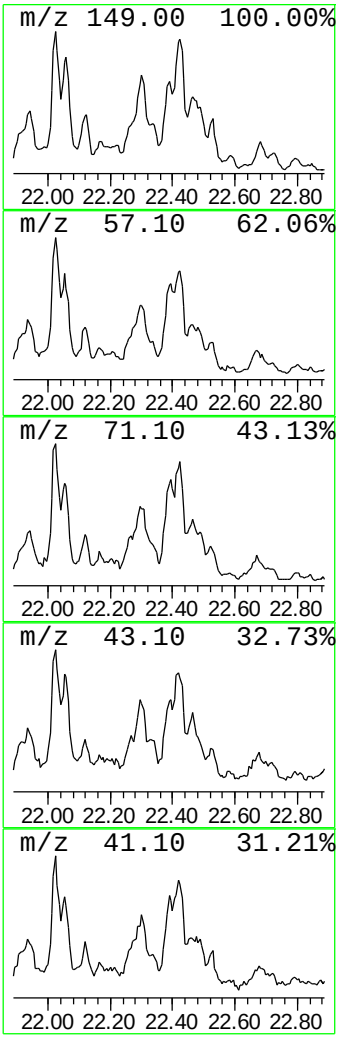
Peak Number 27 Diisooctyl phthalate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	9.49 ng/ul	1600920	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl phthalate	390	C24H38O4	000131-20-4	80
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	43
3	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	43
4	Phthalic acid, isopropyl octyl e...	320	C19H28O4	1000315-00-2	43
5	Phthalic acid, 2-ethylhexyl isob...	334	C20H30O4	1000308-98-0	43





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ClientSampleId : DA800

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Quant Title : SVOA CALIBRATION

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

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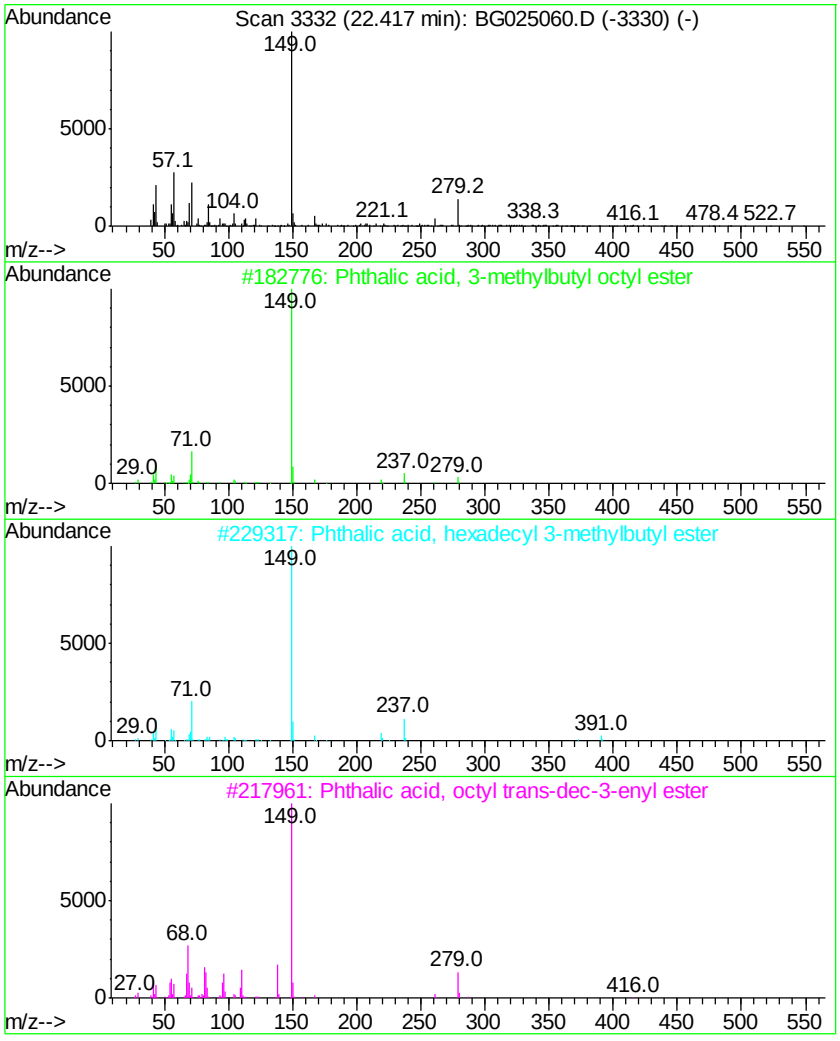
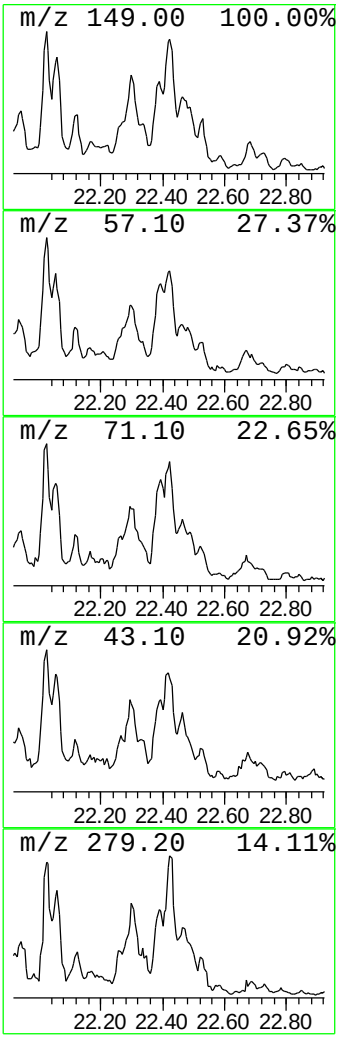
Peak Number 28 Phthalic acid, 3-methylbuty... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	8.51 ng/ul	1436060	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbutyl oct...	348	C21H32O4	1000356-80-9	64
2	Phthalic acid, hexadecyl 3-methy...	460	C29H48O4	1000356-81-7	59
3	Phthalic acid, octyl trans-dec-3...	416	C26H40O4	1000360-50-4	58
4	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	58
5	Phthalic acid, 3-methylbutyl pen...	306	C18H26O4	1000356-80-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025060.D
Acq On : 10 Dec 2016 7:45
Operator : UM/SJ
Sample : H5863-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA800

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
Salicyl alcohol	12.07	2.5	ng/ul	187833	2	11.07	1499170	20.0
Phenol, 4-ethyl-2...	12.21	2.7	ng/ul	204639	2	11.07	1499170	20.0
(DEL) Alkane: Str...	12.42	2.2	ng/ul	166649	2	11.07	1499170	20.0
unknown-01	12.73	4.8	ng/ul	357524	2	11.07	1499170	20.0
(DEL) Alkane: Cyc...	13.56	2.4	ng/ul	274321	3	14.86	2306770	20.0
(DEL) Alkane: Str...	13.65	3.3	ng/ul	385201	3	14.86	2306770	20.0
Naphthalene, 2,3-...	14.19	2.3	ng/ul	263142	3	14.86	2306770	20.0
(DEL) Alkane: Str...	14.71	3.9	ng/ul	453716	3	14.86	2306770	20.0
Dodecanoic acid	15.23	3.6	ng/ul	415285	3	14.86	2306770	20.0
Naphthalene, 2,3,...	15.61	2.7	ng/ul	308729	3	14.86	2306770	20.0
(DEL) Alkane: Str...	15.65	4.7	ng/ul	539425	3	14.86	2306770	20.0
(DEL) Alkane: Str...	16.51	3.3	ng/ul	459700	4	17.61	2750390	20.0
(DEL) Alkane: Str...	17.30	3.3	ng/ul	450561	4	17.61	2750390	20.0
(DEL) Alkane: Str...	18.04	3.3	ng/ul	448930	4	17.61	2750390	20.0
Tridecanoic acid	18.45	7.2	ng/ul	987749	4	17.61	2750390	20.0
Indole, 3-[2',2'-...	18.73	2.9	ng/ul	392527	4	17.61	2750390	20.0
(DEL) Alkane: Cyc...	19.29	3.0	ng/ul	407700	4	17.61	2750390	20.0
Tridecane, 1-iodo-	19.35	3.7	ng/ul	504979	4	17.61	2750390	20.0
Octadecanoic acid	19.70	2.8	ng/ul	381324	4	17.61	2750390	20.0
N1-Tetrahydrofura...	19.92	2.9	ng/ul	489340	5	21.90	3373880	20.0
2-Bromo dodecane	20.44	4.3	ng/ul	733650	5	21.90	3373880	20.0
9,10-Anthracenedi...	20.97	9.8	ng/ul	1647080	5	21.90	3373880	20.0
Oxalic acid, hexa...	21.47	5.1	ng/ul	858254	5	21.90	3373880	20.0
Phthalic acid, he...	22.02	15.2	ng/ul	2556520	5	21.90	3373880	20.0
Bis(3-methylbutan...	22.12	3.3	ng/ul	560861	5	21.90	3373880	20.0
Diisooctyl phthalate	22.39	9.5	ng/ul	1600920	5	21.90	3373880	20.0
Phthalic acid, 3-...	22.42	8.5	ng/ul	1436060	5	21.90	3373880	20.0