LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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	3.067	36	39	43	rVB5	8799	12577	0.39%	0.045%
2	3.213	59	64	69	rBV7	6644	12116	0.37%	0.043%
3	3.272	71	74	78	rVB4	12128	15047	0.46%	0.053%
4	3.595	122	129	134	rBV9	11495	25053	0.77%	0.089%
5	3.760	156	157	164	rVB5	5523	11086	0.34%	0.039%
6	4.124	214	219	224	rVB6	6970	12691	0.39%	0.045%
7	4.353	251	258	263	rVB8	10731	18847	0.58%	0.067%
8	4.535	288	289	298	rBV4	5784	12226	0.38%	0.043%
9	5.293	414	418	424	rVB5	8577	14576	0.45%	0.052%
10	5.370	426	431	434	rBV5	6291	10445	0.32%	0.037%
11	5.822	504	508	511	rBV5	6321	10870	0.33%	0.039%
12	6.216	568	575	579	rVB5	5850	14120	0.44%	0.050%
13	6.833	676	680	687	rVB8	4020	10742	0.33%	0.038%
14	7.179	732	739	740	rBV6	7862	10939	0.34%	0.039%
15	7.391	768	775	793	rVB2	159157	358795	11.05%	1.273%
16	7.544	793	801	809	rBV2	104395	188919	5.82%	0.670%
17	7.761	830	838	850	rBV2	150766	304812	9.39%	1.082%
18	7.855	850	854	861	rBV6	7502	13079	0.40%	0.046%
19	8.166	901	907	911	rBV6	6473	13141	0.40%	0.047%
20	8.231	911	918	931	rVV2	265494	484206	14.92%	1.718%
21	8.431	946	952	957	rBV8	10753	17127	0.53%	0.061%
22	8.519	957	967	973	rVV4	26694	62095	1.91%	0.220%
23	8.678	988	994	999	rBV8	7344	16761	0.52%	0.059%
24	8.766	1001	1009	1014	rVB9	9831	27515	0.85%	0.098%
25	8.866	1020	1026	1027	rBV5	11915	13063	0.40%	0.046%
26	8.948	1032	1040	1051	rVB2	183670	361084	11.13%	1.281%
27	9.018	1051	1052	1057	rVB4	9820	12979	0.40%	0.046%
28	9.071	1057	1061	1066	rBV6	11423	17183	0.53%	0.061%
29	9.336	1099	1106	1113	rBV8	18071	35162	1.08%	0.125%
30	9.412	1113	1119	1127	rBV2	155051	292473	9.01%	1.038%
31	9.530	1132	1139	1145	rVB10	8956	18668	0.58%	0.066%
32	9.712	1167	1170	1177	rBV8	7464	13731	0.42%	0.049%
33	9.770	1177	1180	1188	rVB9	6550	15116	0.47%	0.054%
34	10.017	1216	1222	1228	rVB7	10992	20633	0.64%	0.073%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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	10.135	1232	1242	1252	rBV2	147262	295437	9.10%	1.048%
36	10.223	1252	1257	1263	rVV8	12778	26312	0.81%	0.093%
37	10.317	1268	1273	1282	rVB10	12741	24720	0.76%	0.088%
38	10.522	1305	1308	1314	rVB5	11255	18165	0.56%	0.064%
39	10.681	1328	1335	1349	rVB2	207354	402277	12.39%	1.427%
40	10.969	1379	1384	1388	rVB8	7738	13133	0.40%	0.047%
41	11.057	1392	1399	1407	rBV	373169	696891	21.47%	2.473%
42	11.216	1419	1426	1434	rVB5	25543	60111	1.85%	0.213%
43	11.410	1455	1459	1463	rBV6	9132	12317	0.38%	0.044%
44	11.815	1523	1528	1532	rBV7	10524	18504	0.57%	0.066%
45	11.874	1534	1538	1547	rBV10	11277	18097	0.56%	0.064%
46	12.068	1565	1571	1576	rBV8	6531	17685	0.54%	0.063%
47	12.303	1605	1611	1615	rVB9	8595	16217	0.50%	0.058%
48	12.356	1615	1620	1622	rBV5	7530	13169	0.41%	0.047%
49	12.403	1625	1628	1632	rBV6	14441	22311	0.69%	0.079%
50	12.555	1649	1654	1660	rBV8	9083	12112	0.37%	0.043%
51	12.708	1673	1680	1682	rBV6	25342	45573	1.40%	0.162%
52	12.837	1699	1702	1710	rVB9	11864	26128	0.81%	0.093%
53	12.920	1710	1716	1721	rBV6	24785	42455	1.31%	0.151%
54	13.049	1735	1738	1743	rBV6	10610	20406	0.63%	0.072%
55	13.119	1743	1750	1759	rVB6	28340	61729	1.90%	0.219%
56	13.278	1772	1777	1783	rBV10	12373	25482	0.79%	0.090%
57	13.337	1783	1787	1793	rVB8	18760	35449	1.09%	0.126%
58	13.542	1817	1822	1824	rBV6	11048	16798	0.52%	0.060%
59	13.636	1833	1838	1843	rVB8	22962	32880	1.01%	0.117%
60	13.783	1859	1863	1869	rBV9	16296	27475	0.85%	0.097%
61	13.895	1876	1882	1888	rBV9	12735	37486	1.15%	0.133%
62	14.036	1896	1906	1913	rBV9	20174	70809	2.18%	0.251%
63	14.195	1924	1933	1936	rBV6	66499	155234	4.78%	0.551%
64	14.248	1936	1942	1946	rVV	367116	517600	15.95%	1.837%
65	14.295	1947	1950	1963	rVB	114347	192738	5.94%	0.684%
66	14.553	1987	1994	2005	rVB	399855	668109	20.59%	2.371%
67	14.700	2010	2019	2024	rBV10	49230	112450	3.46%	0.399%
68	14.853	2039	2045	2054	rBV	594119	988438	30.45%	3.507%
69	14.982	2061	2067	2072	rBV2	117618	199677	6.15%	0.709%
70	15.088	2080	2085	2093	rBV2	170858	303402	9.35%	1.077%
71	15.235	2105	2110	2118	rVB2	43815	123232	3.80%	0.437%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

72	15.311	2121	2123	2127	rBV5	18607	22402	0.69%	0.079%
73	15.464	2143	2149	2155	rBV5	30765	74992	2.31%	0.266%
74	15.611	2170	2174	2176	rBV4	48231	69476	2.14%	0.247%
75	15.634	2176	2178	2183	rVB3	72999	93049	2.87%	0.330%
76	15.769	2196	2201	2208	rBV	211182	330383	10.18%	1.172%
77	15.840	2208	2213	2227	rVB	479523	838590	25.84%	2.976%
78	15.975	2231	2236	2243	rBV2	210488	359525	11.08%	1.276%
79	16.280	2284	2288	2294	rBV2	89253	130585	4.02%	0.463%
80	16.433	2311	2314	2320	rBV8	29598	67079	2.07%	0.238%
81	16.504	2321	2326	2331	rBV5	89701	198812	6.13%	0.705%
82	16.609	2340	2344	2349	rBV6	65987	90227	2.78%	0.320%
83	16.868	2384	2388	2397	rBV2	156408	325247	10.02%	1.154%
84	17.597	2505	2512	2517	rBV2	770830	1319669	40.66%	4.683%
85	17.696	2524	2529	2536	rVB2	539444	869073	26.78%	3.084%
86	18.031	2582	2586	2590	rVB	123759	164619	5.07%	0.584%
87	18.437	2651	2655	2665	rBV2	577926	898947	27.70%	3.190%
88	18.713	2699	2702	2707	rVB	195367	239919	7.39%	0.851%
89	19.336	2805	2808	2811	rBV	253348	303671	9.36%	1.078%
90	19.694	2865	2869	2873	rBV6	198019	283076	8.72%	1.004%
91	19.906	2898	2905	2910	rVB2	484725	801056	24.68%	2.842%
92	19.970	2912	2916	2926	rVB2	701497	1229685	37.89%	4.363%
93	20.928	3073	3079	3091	rVB3	392456	1209642	37.27%	4.292%
94	21.451	3165	3168	3175	rVB2	493104	766388	23.61%	2.719%
95	21.892	3238	3243	3249	rVB	954807	1687957	52.01%	5.990%
96	21.997	3258	3261	3269	rVB4	294371	474836	14.63%	1.685%
97	23.337	3485	3489	3505	rVB5	1175578	3245575	100.00%	11.517%
98	25.076	3779	3785	3796	rVB2	578169	1638641	50.49%	5.815%
99	25.323	3819	3827	3837	rVB2	537465	1669738	51.45%	5.925%
100	25.893	3919	3924	3935	rVB4	365528	929665	28.64%	3.299%

Sum of corrected areas: 28181409

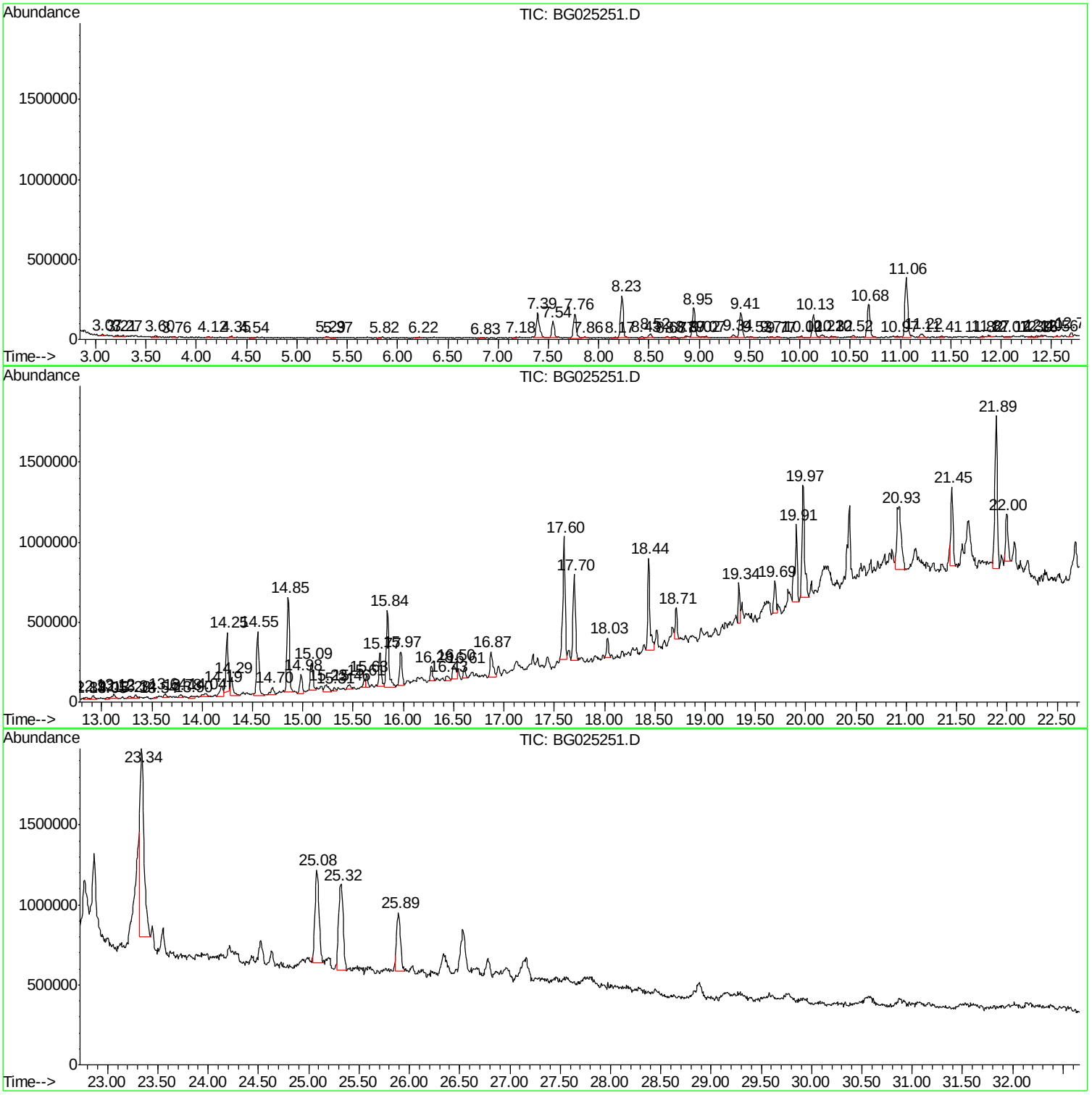
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

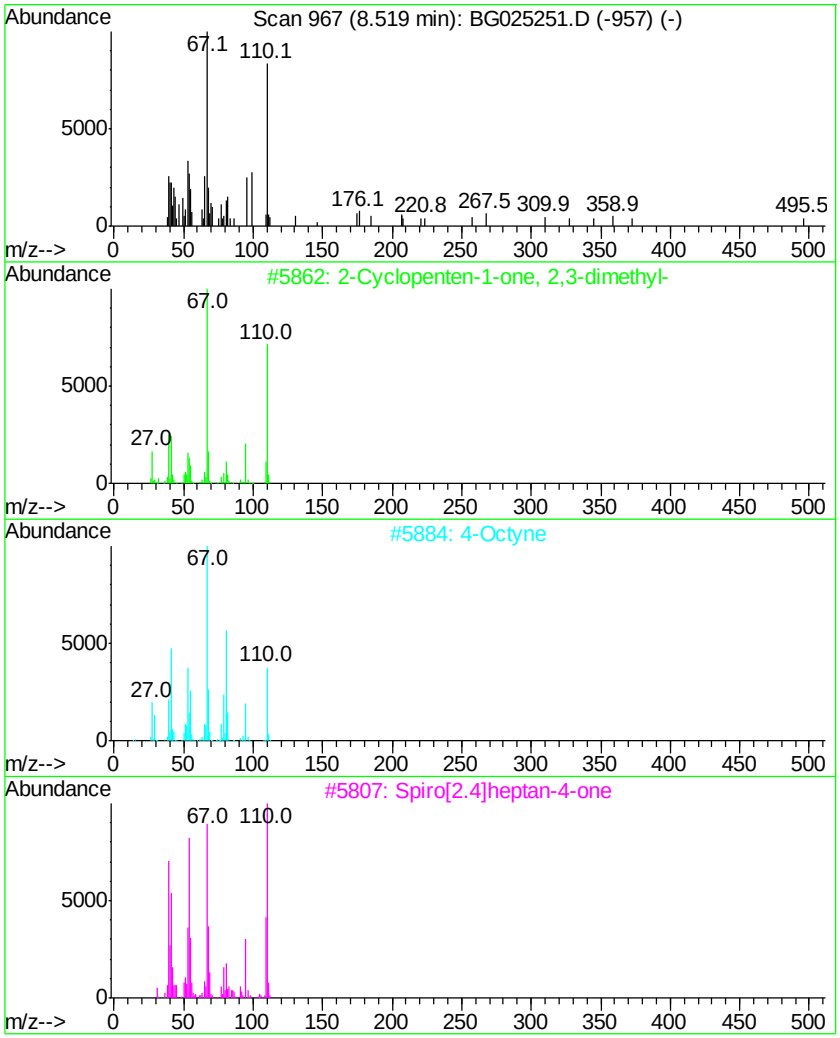
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

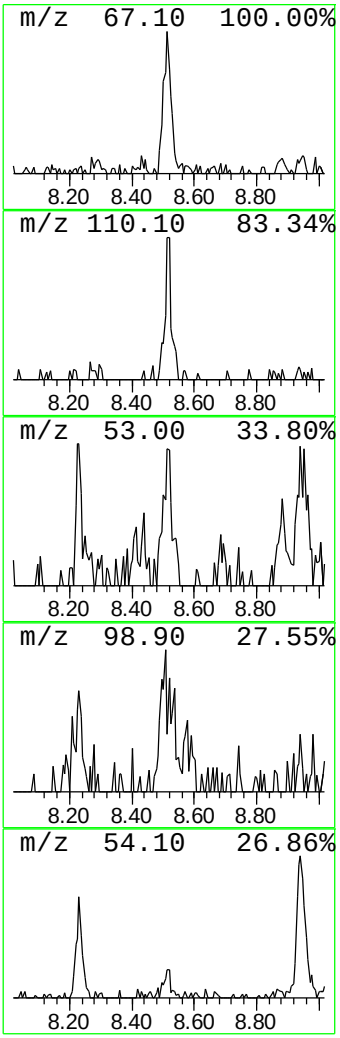
****

Peak Number 1 2H-1,2-Oxazine, 3,6-dihydro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.56 ng/ul	62095	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	64
2	4-Octyne	110	C8H14	001942-45-6	64
3	Spiro[2.4]heptan-4-one	110	C7H10O	005771-32-4	64
4	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	59
5	2H-1,2-Oxazine, 3,6-dihydro-6-me...	99	C5H9NO	063842-71-7	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

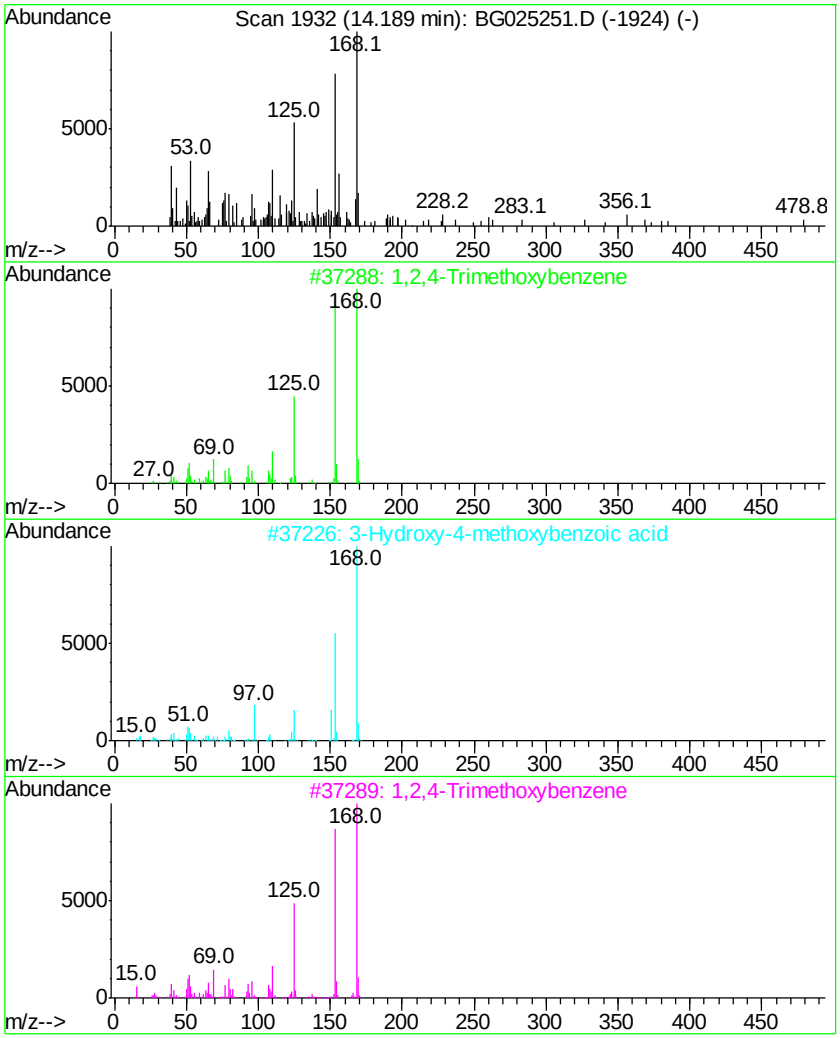
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

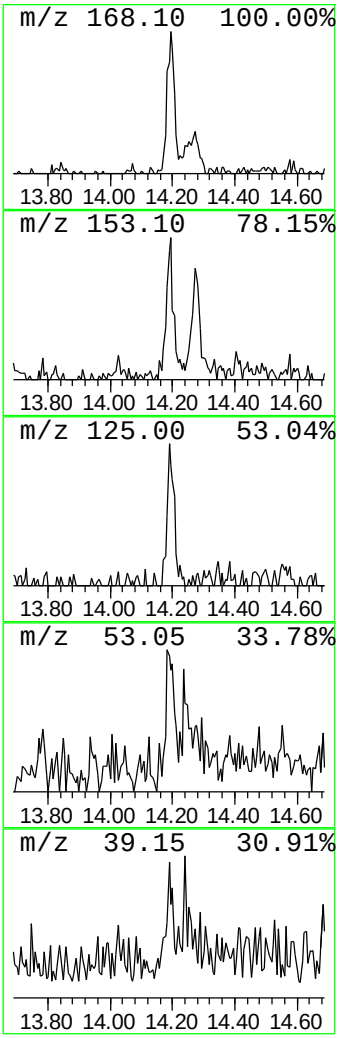
****

Peak Number 2 1,2,4-Trimethoxybenzene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	3.14 ng/ul	155234	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	76
2	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	70
3	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	68
4	Benzoic acid, 4-hydroxy-3-methoxy-	168	C8H8O4	000121-34-6	64
5	4-Methoxy-2,2,5-trimethylcyclope...	168	C9H12O3	1000185-67-3	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

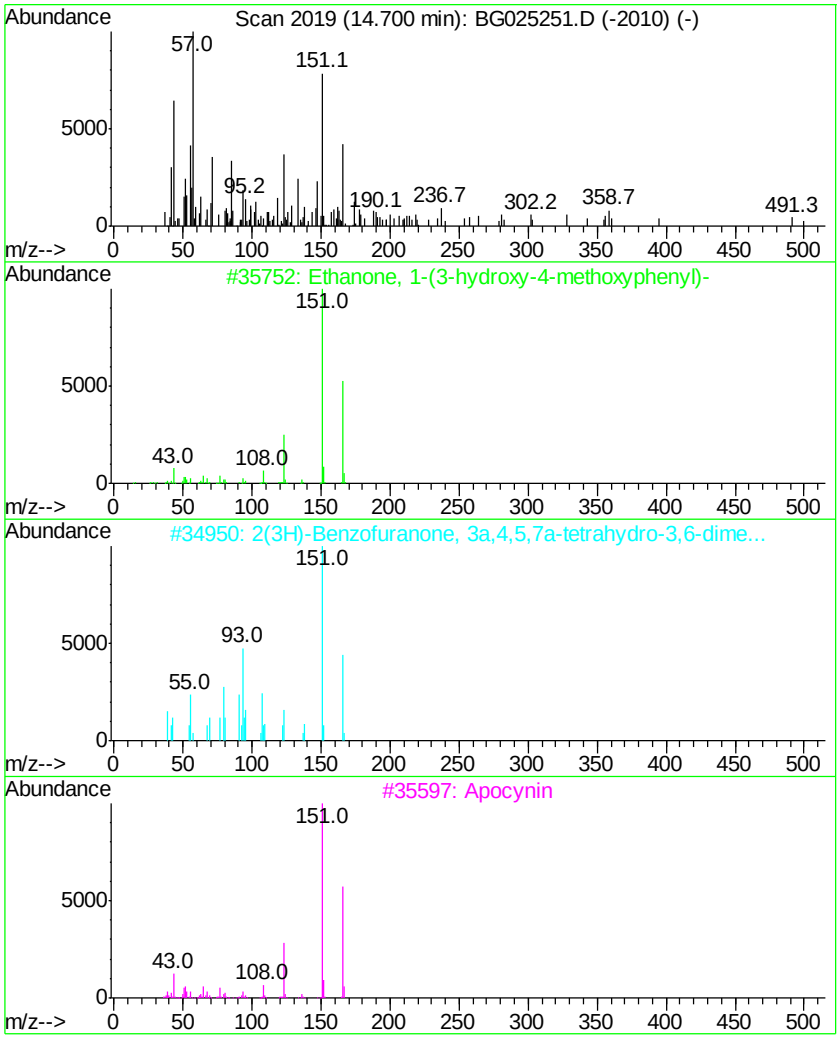
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

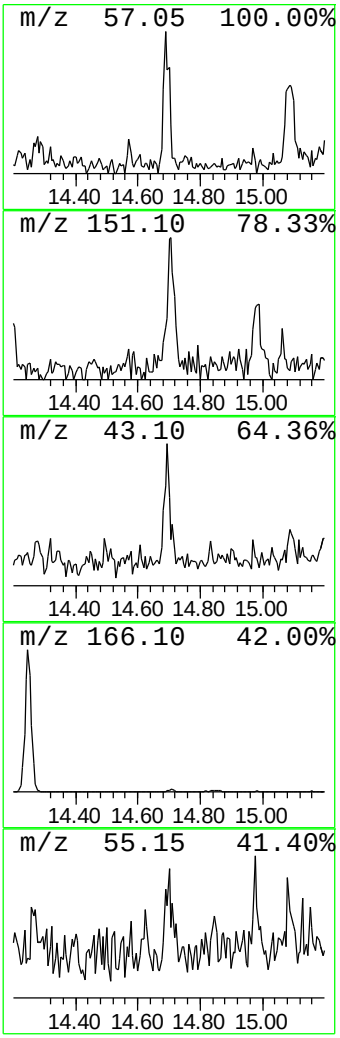
****

Peak Number 3 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.28 ng/ul	112450	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	35
2	2(3H)-Benzofuranone, 3a,4,5,7a-t...	166	C10H14O2	1000360-45-0	30
3	Apocynin	166	C9H10O3	000498-02-2	27
4	5-Hepten-3-yn-2-ol, 6-methyl-5-(...	166	C11H18O	063922-41-8	25
5	6-Methyltetrazolo[1,5-c]pyrimidi...	151	C5H5N5O	144877-40-7	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

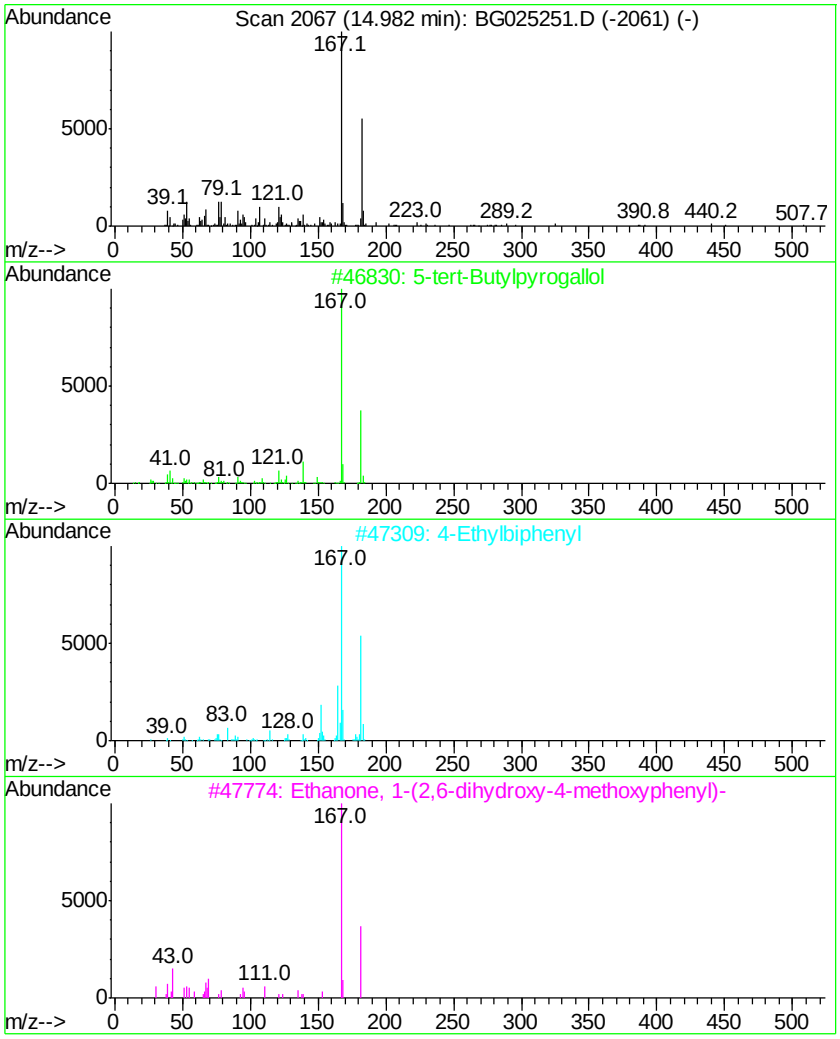
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

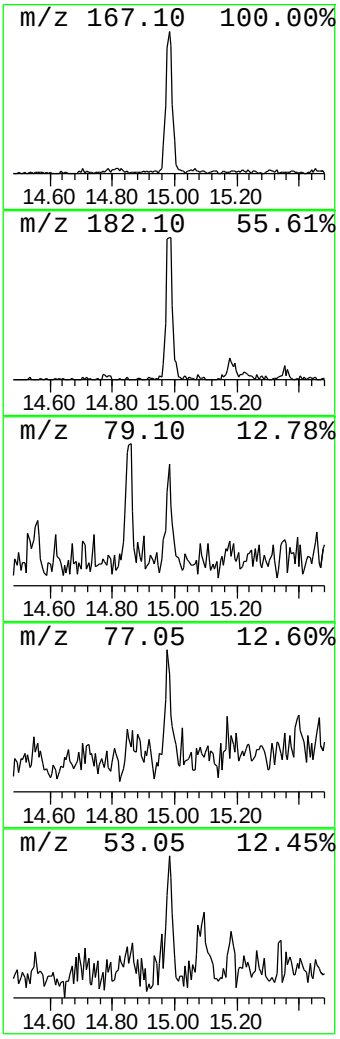
****

Peak Number 4 5-tert-Butylpyrogallol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.04 ng/ul	199677	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	80
2	4-Ethylbiphenyl	182	C14H14	005707-44-8	72
3	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	72
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	72
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

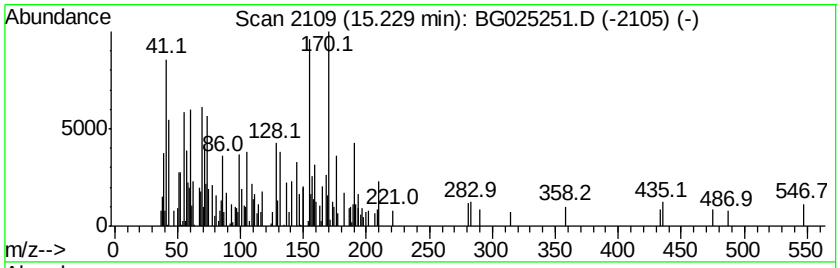
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

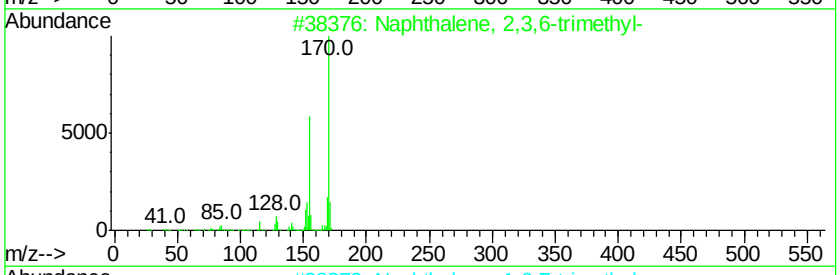
****

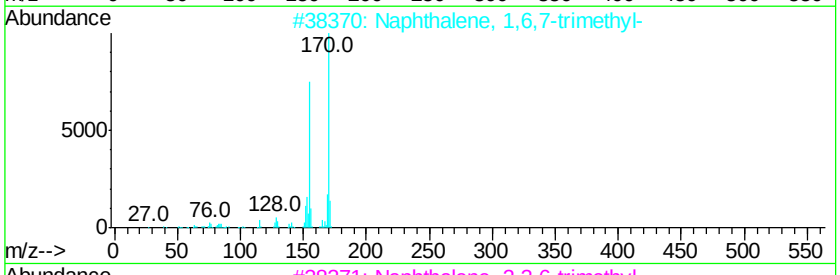
Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

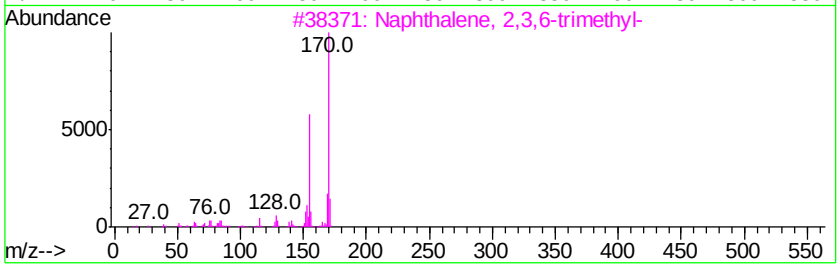
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.49 ng/ul	123232	Acenaphthene-d10	14.86

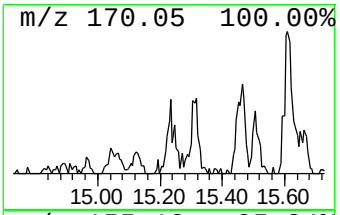
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	49
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49

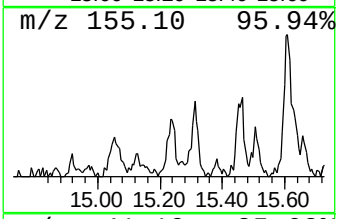


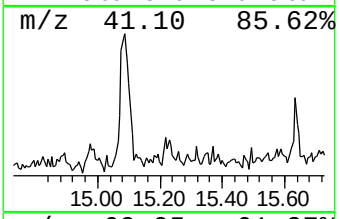


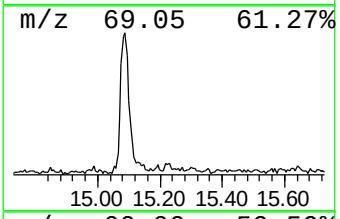


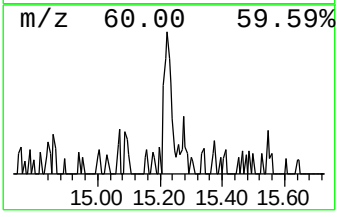












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Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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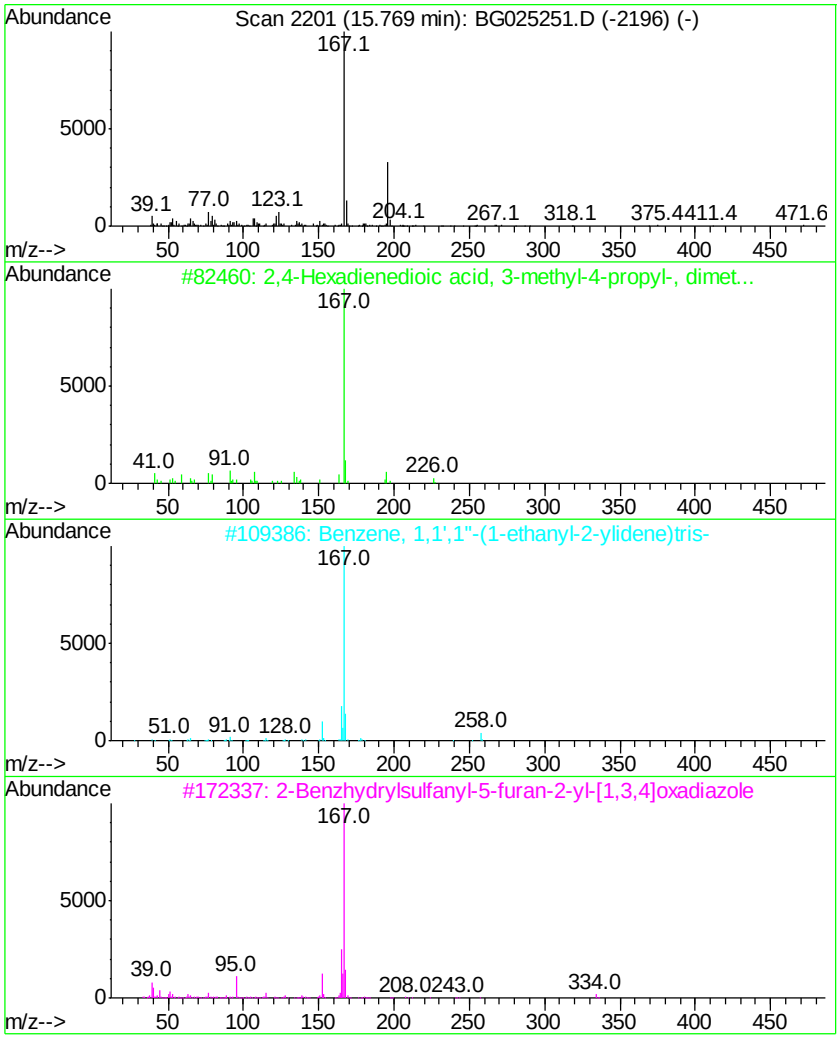
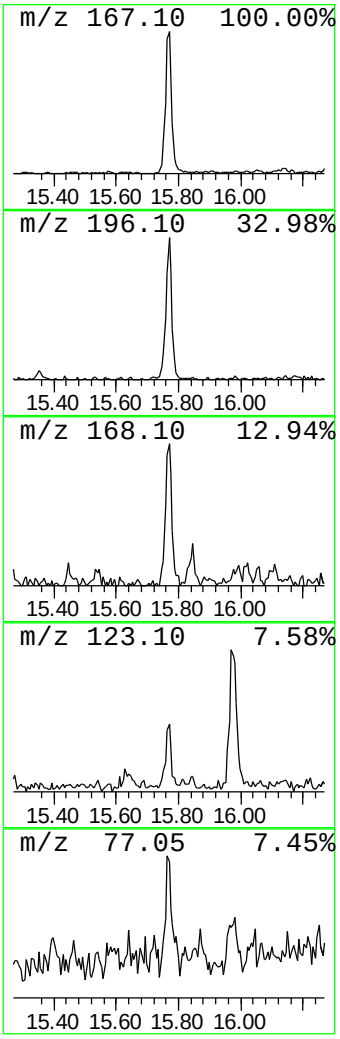
Peak Number 6 2,4-Hexadienedioic acid, 3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	6.68 ng/ul	330383	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadienedioic acid, 3-methy...	226	C12H18O4	069796-13-0	53
2	Benzene, 1,1',1''-(1-ethanyl-2-y...	258	C20H18	001520-42-9	50
3	2-Benzhydrylsulfanyl-5-furan-2-y...	334	C19H14N2O2S	350497-80-2	50
4	2,6-Dimethyl-N-(diphenylmethyl)b...	287	C21H21N	1000326-47-3	50
5	1,1'-Biphenyl, 4-pentyl-	224	C17H20	007116-96-3	50





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

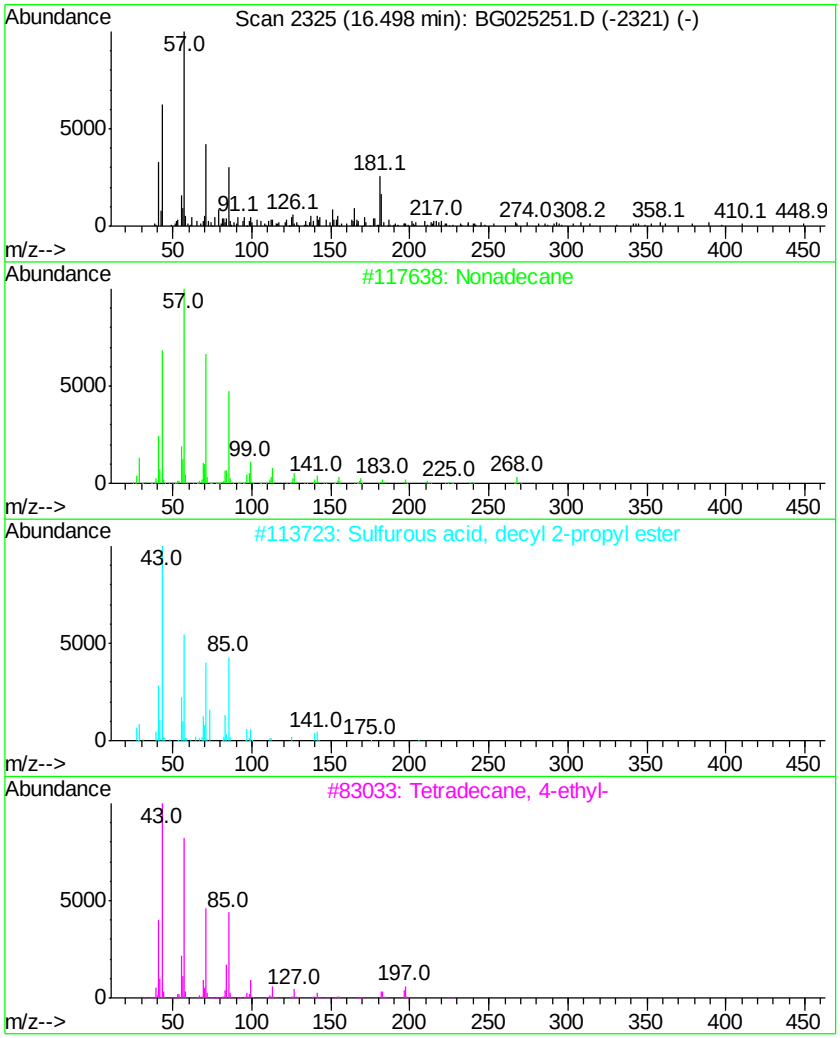
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

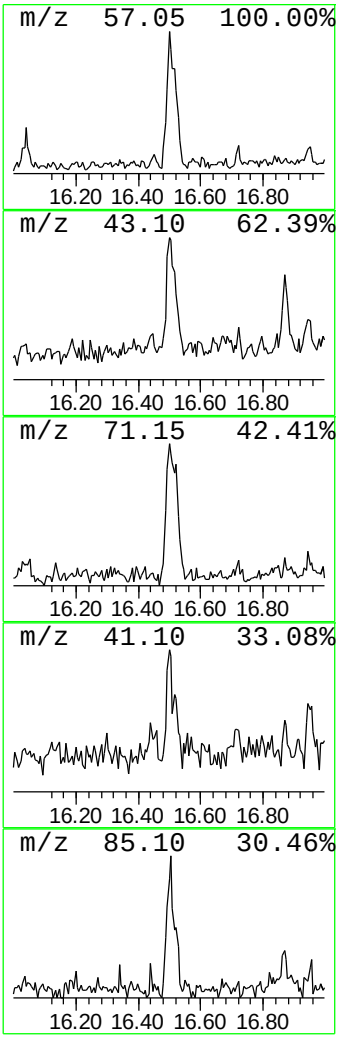
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.01 ng/ul	198812	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	47
2	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	47
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	47
4	Pentacosane	352	C25H52	000629-99-2	38
5	Heneicosane	296	C21H44	000629-94-7	35





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Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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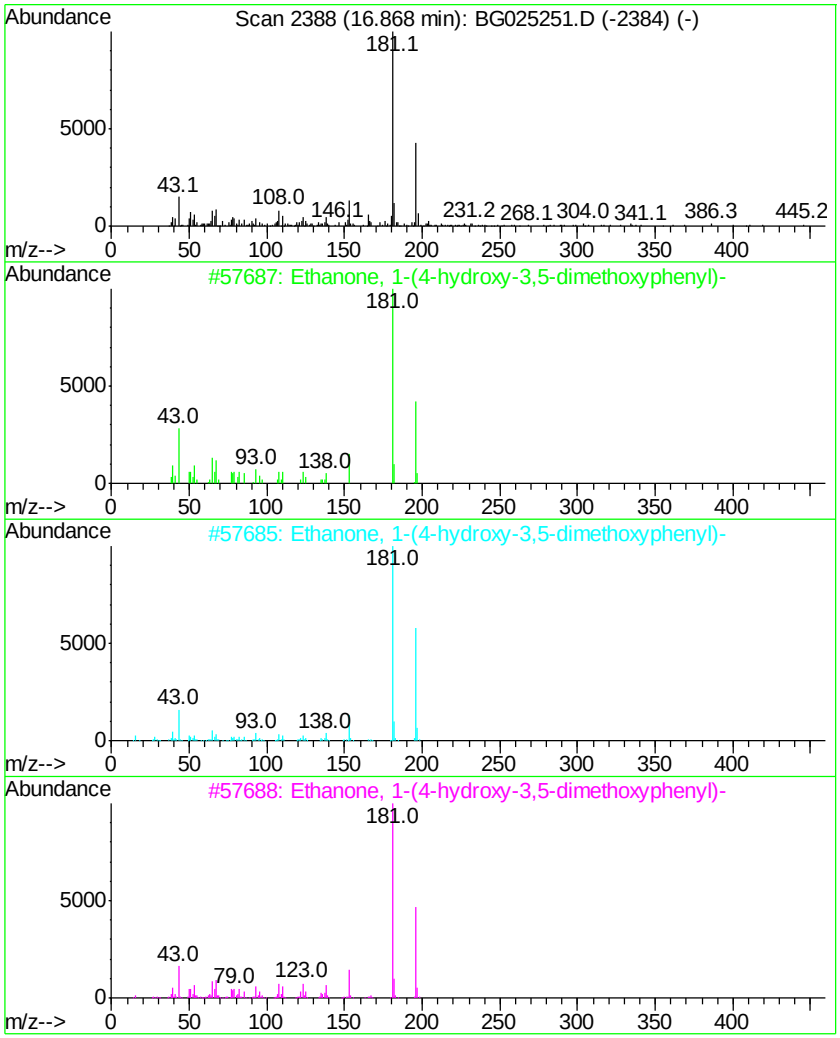
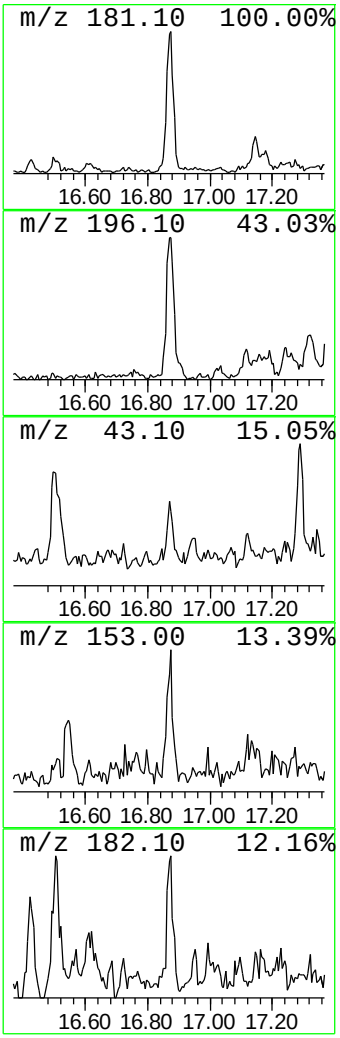
Peak Number 8 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	4.93 ng/ul	325247	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	95
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	94
3	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	90
4	Xanthoxylin	196	C10H12O4	000090-24-4	72
5	Orcinol, trimethylsilyl ether	196	C10H16O2Si	1000352-83-3	72





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Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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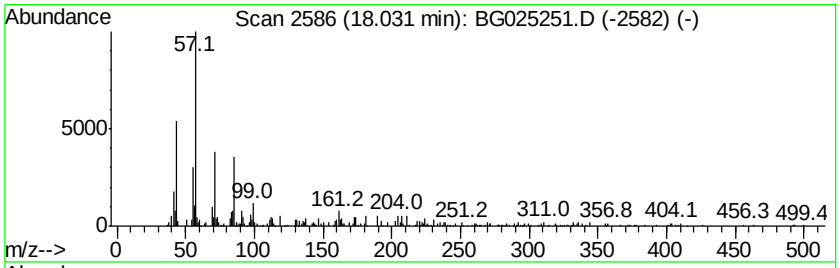
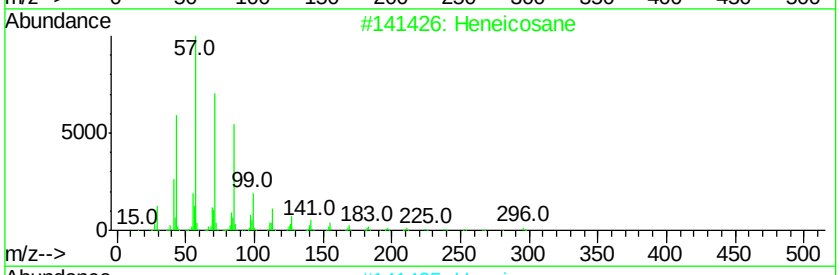
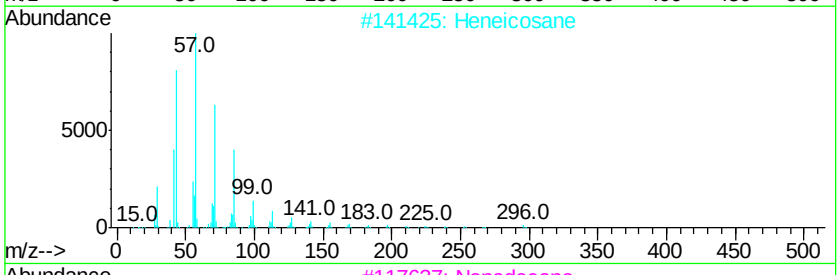
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

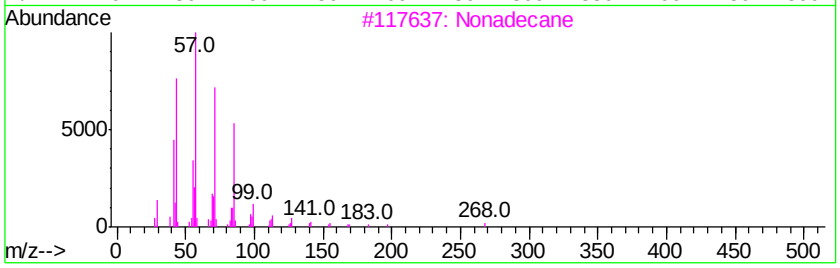
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.49 ng/ul	164619	Phenanthrene-d10	17.60

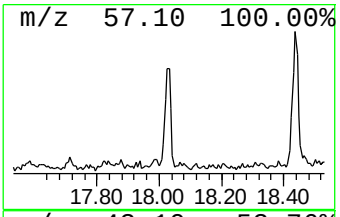
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	89
2	Heneicosane	296	C21H44	000629-94-7	89
3	Nonadecane	268	C19H40	000629-92-5	64
4	Eicosane	282	C20H42	000112-95-8	64
5	Tritriacontane, 15,19-dimethyl-	493	C35H72	056987-80-5	64

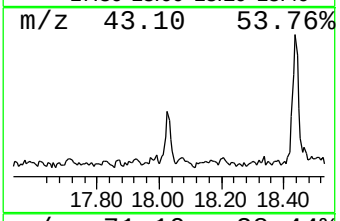


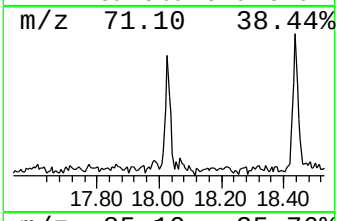


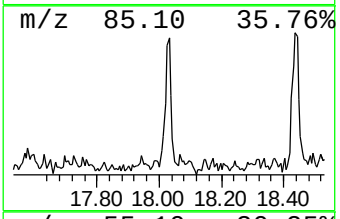


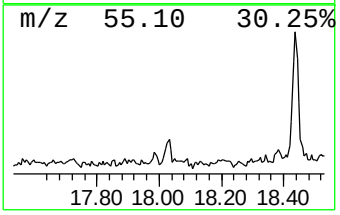












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Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

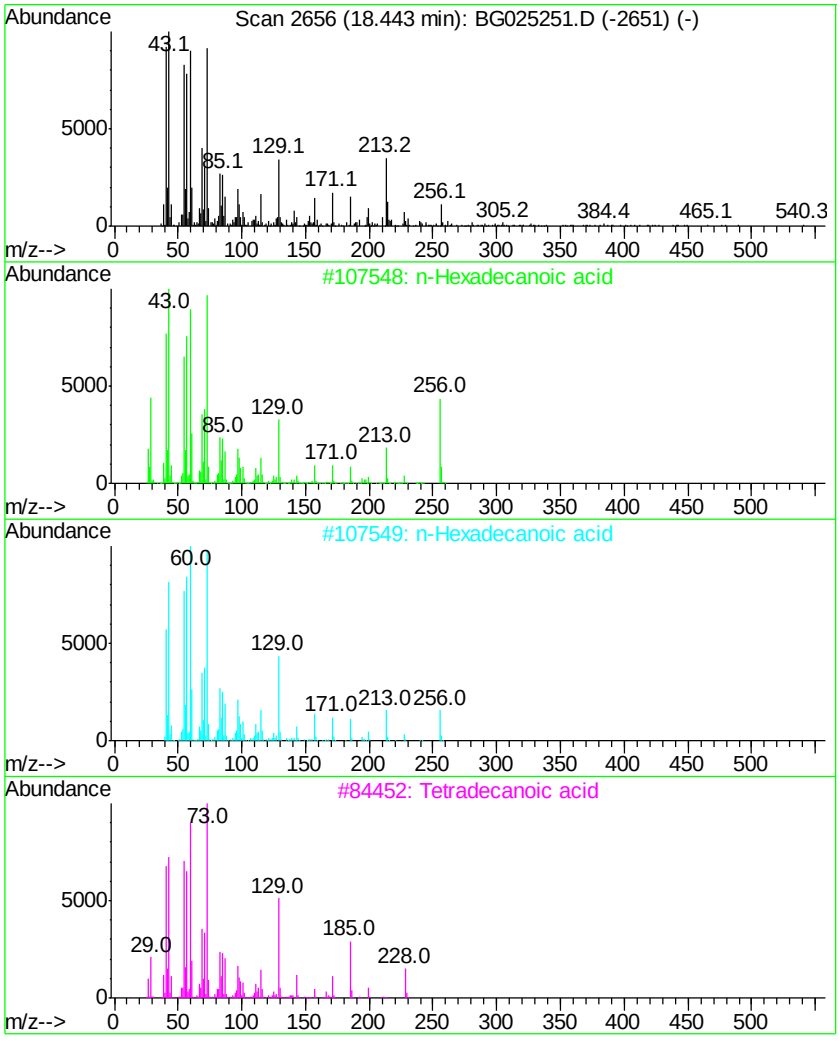
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

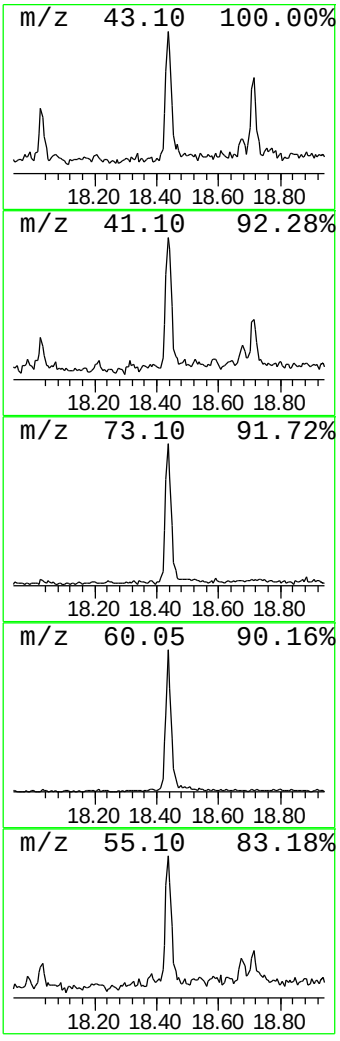
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	13.62 ng/ul	898947	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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

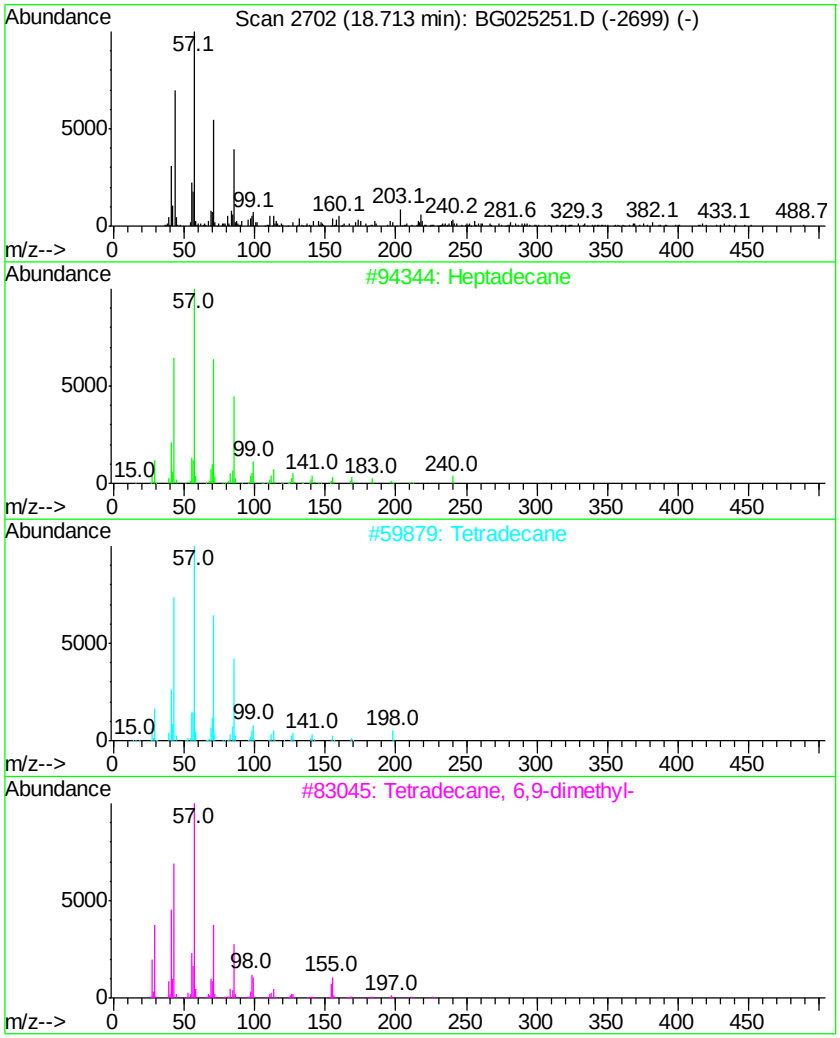
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

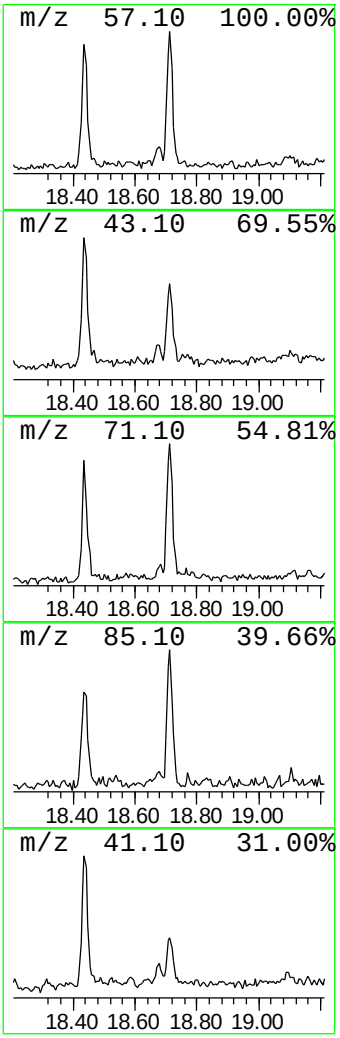
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	3.64 ng/ul	239919	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	81
2	Tetradecane	198	C14H30	000629-59-4	81
3	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	72
4	Tetradecane	198	C14H30	000629-59-4	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

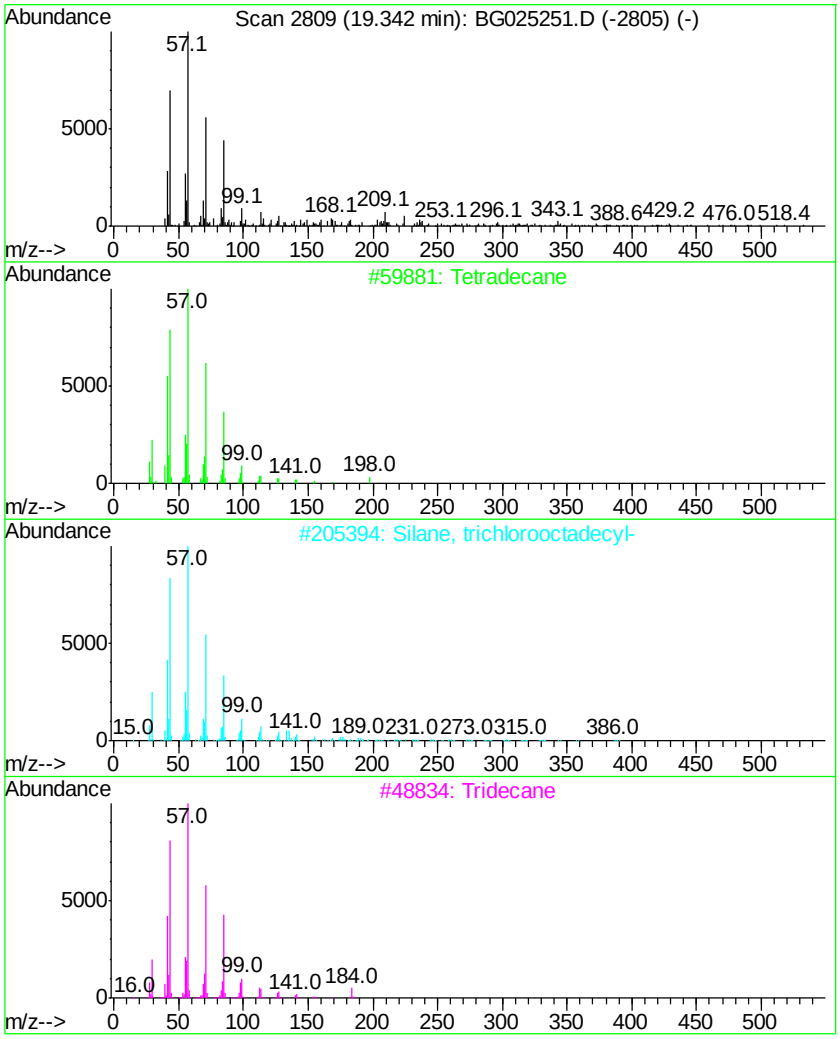
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

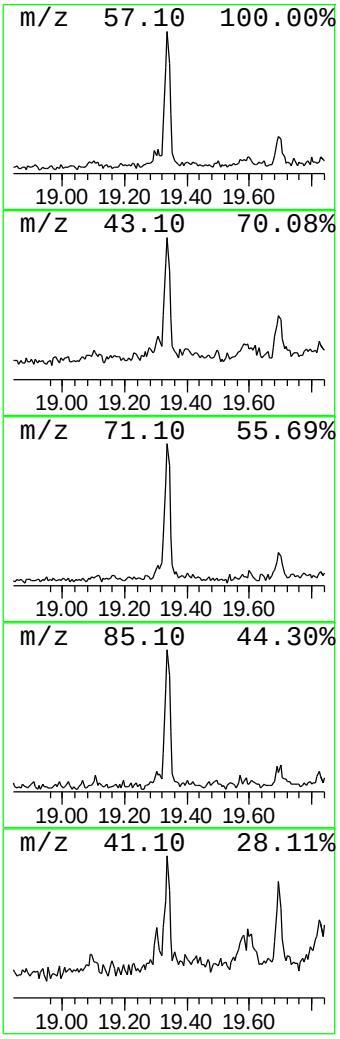
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.60 ng/ul	303671	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Octacosane	394	C28H58	000630-02-4	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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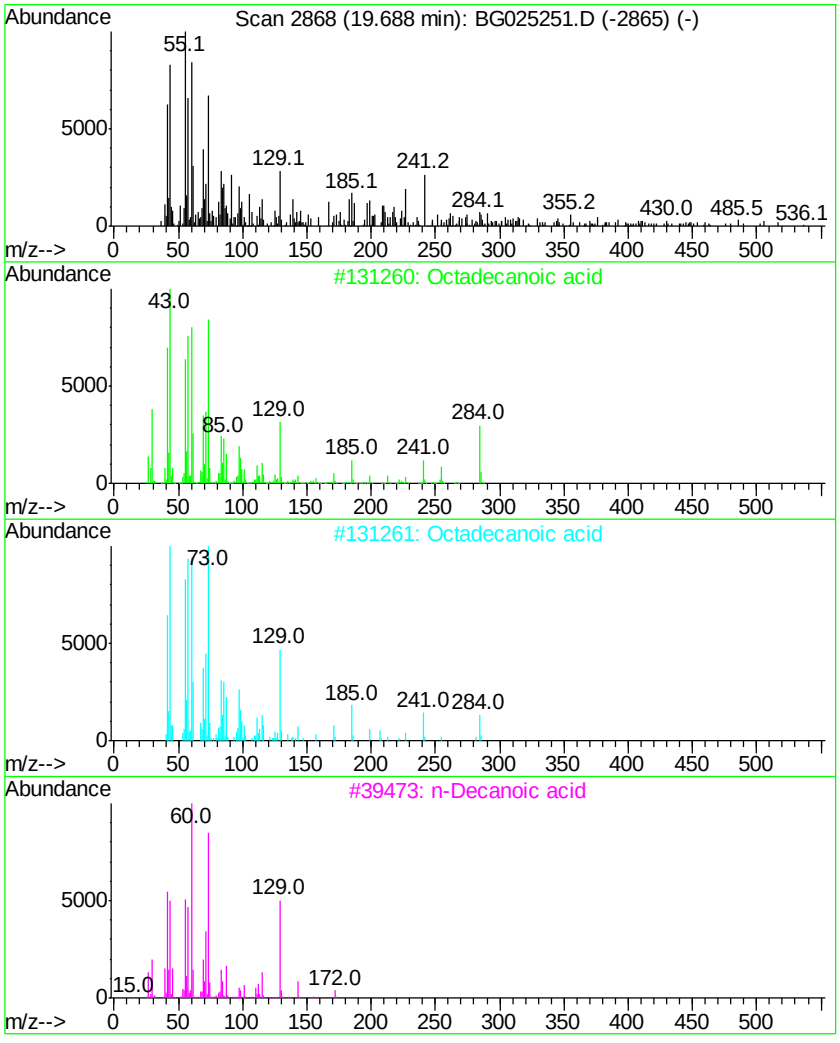
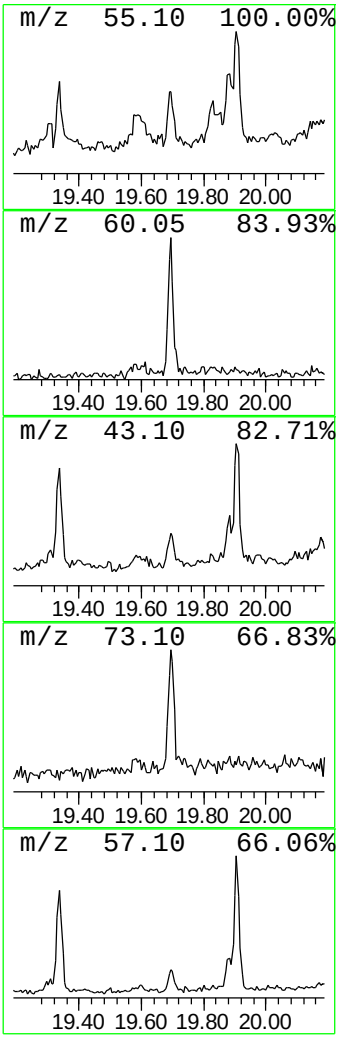
Peak Number 13 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	4.29 ng/ul	283076	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	55





Library Search Compound Report

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Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
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Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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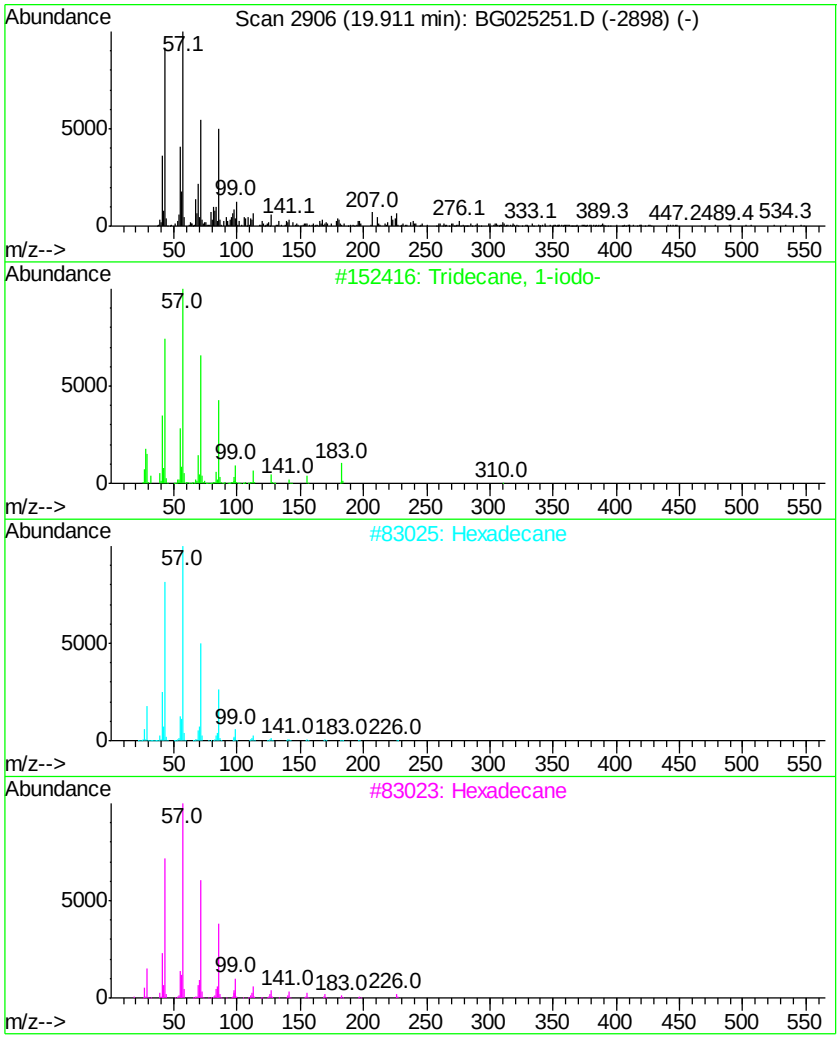
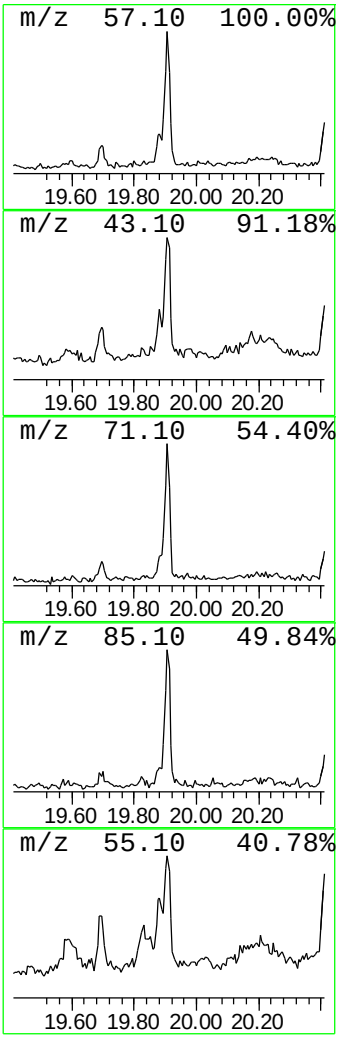
Peak Number 14 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	9.49 ng/ul	801056	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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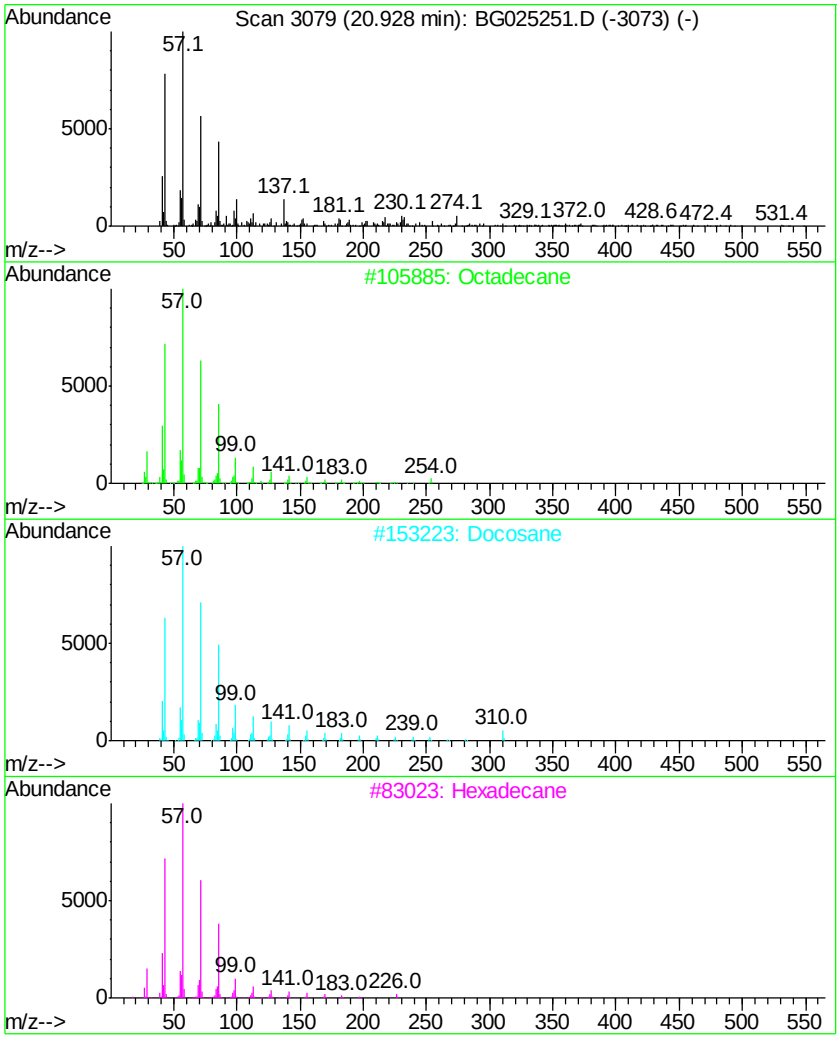
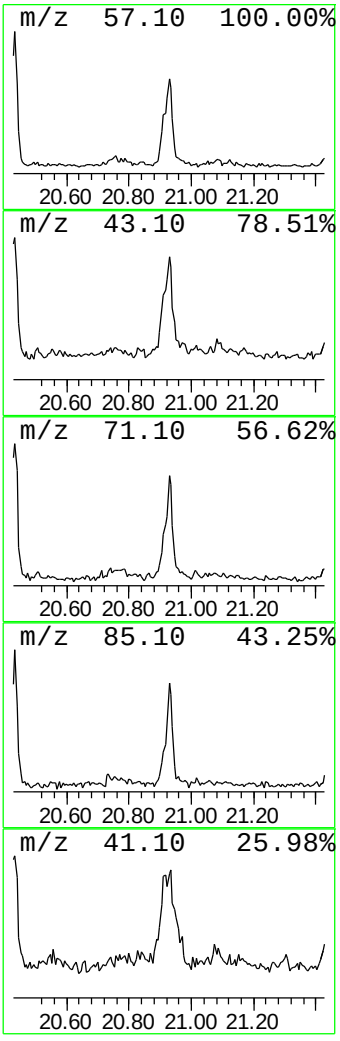
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	14.33 ng/ul	1209640	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	Docosane	310	C22H46	000629-97-0	76
3	Hexadecane	226	C16H34	000544-76-3	76
4	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	76
5	Octacosane	394	C28H58	000630-02-4	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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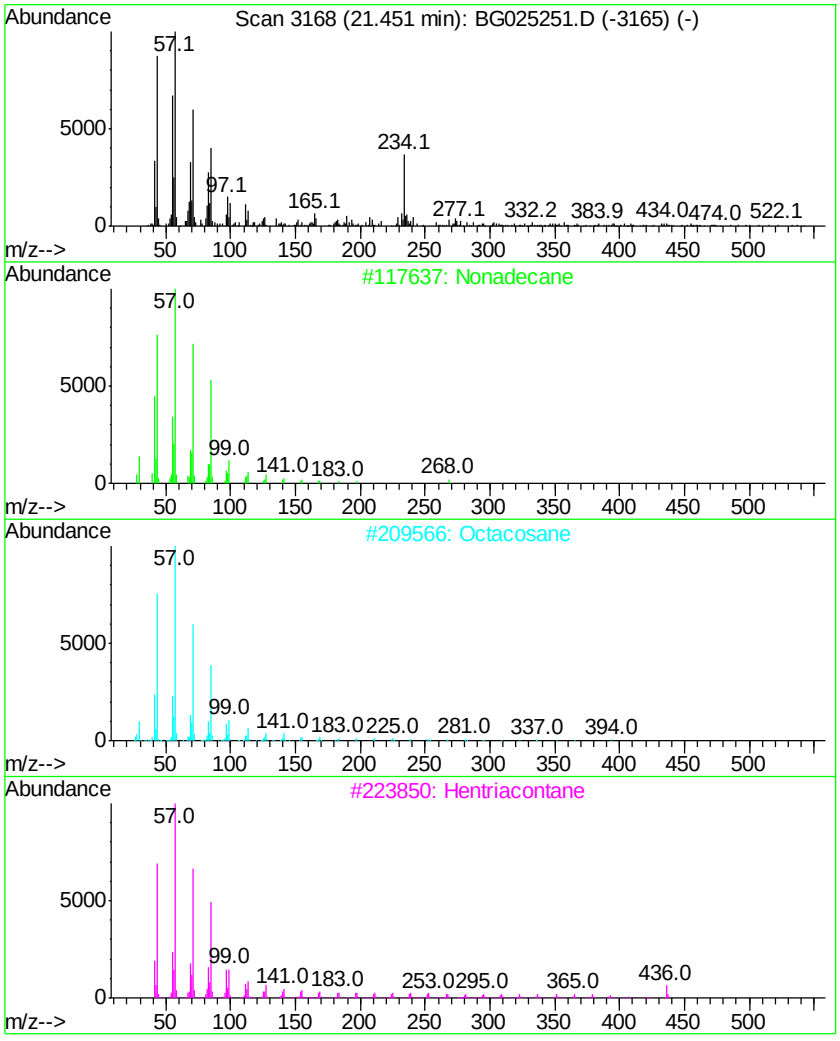
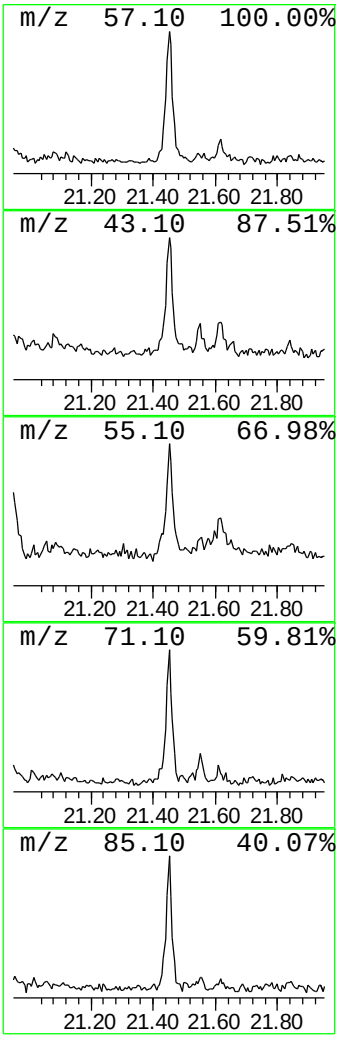
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	9.08 ng/ul	766388	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Octacosane	394	C28H58	000630-02-4	83
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Nonacosane	408	C29H60	000630-03-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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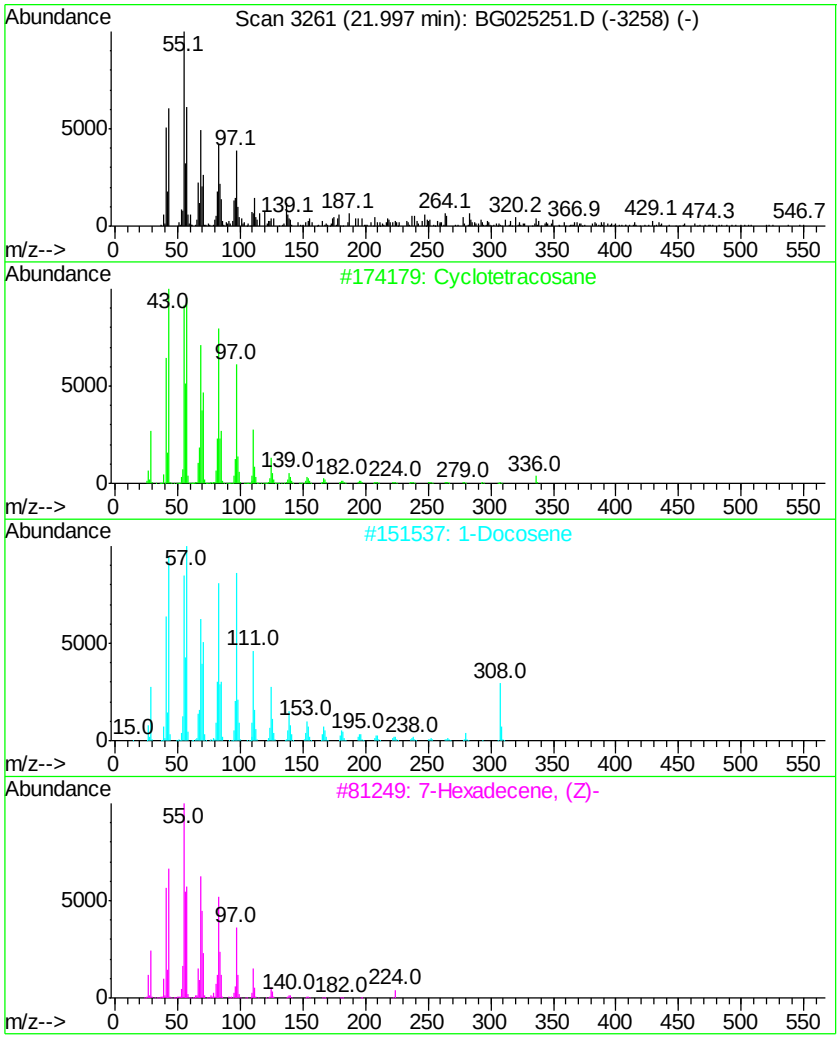
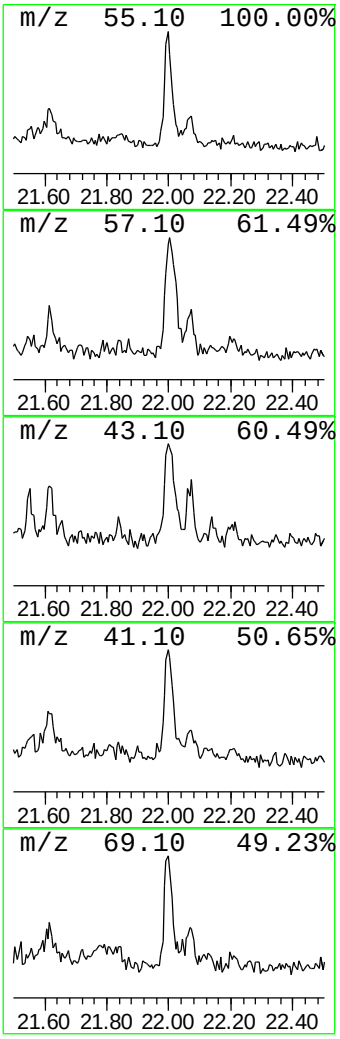
Peak Number 17 (DEL) Alkane: Cyclic22.00 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	5.63 ng/ul	474836	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Docosene	308	C22H44	001599-67-3	93
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	90
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	89
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	83





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Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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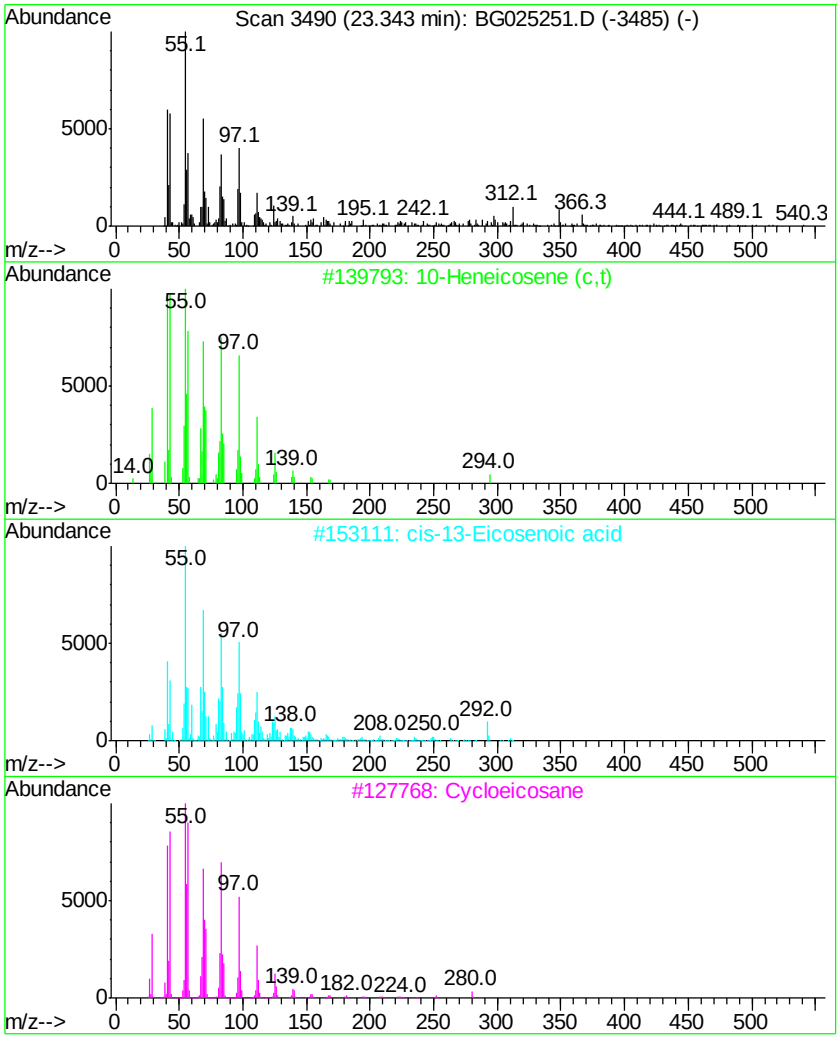
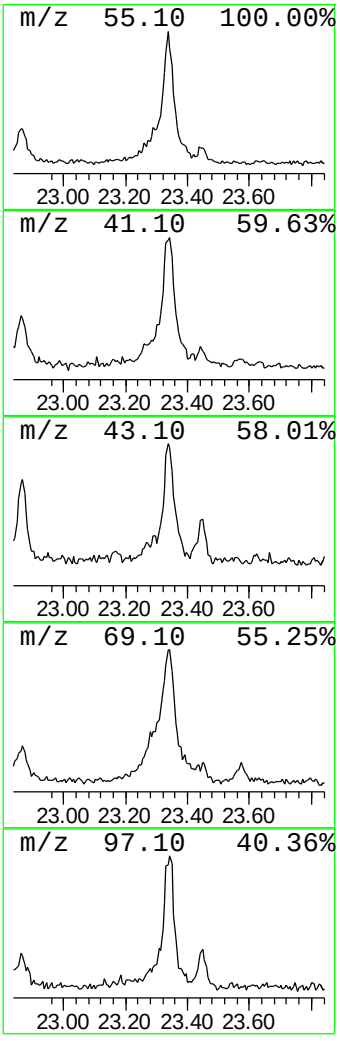
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	38.46 ng/ul	3245580	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	84
2	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	59
3	Cycloeicosane	280	C20H40	000296-56-0	46
4	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	44
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	41





Library Search Compound Report

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Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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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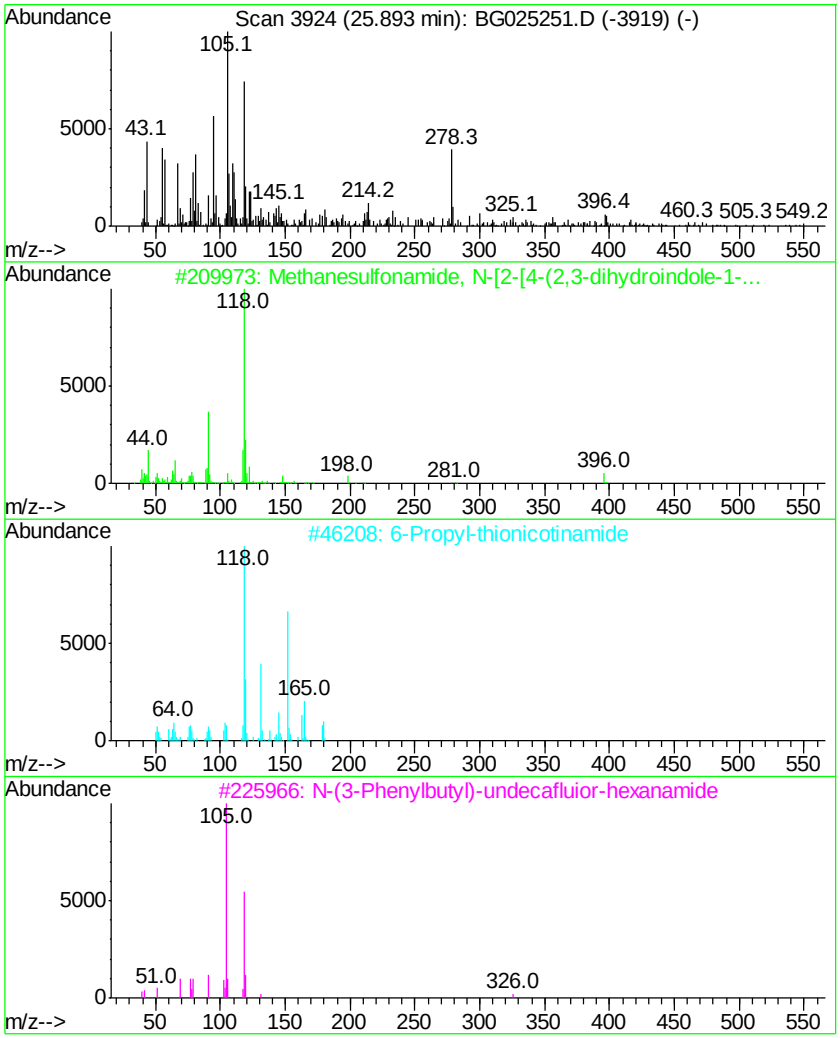
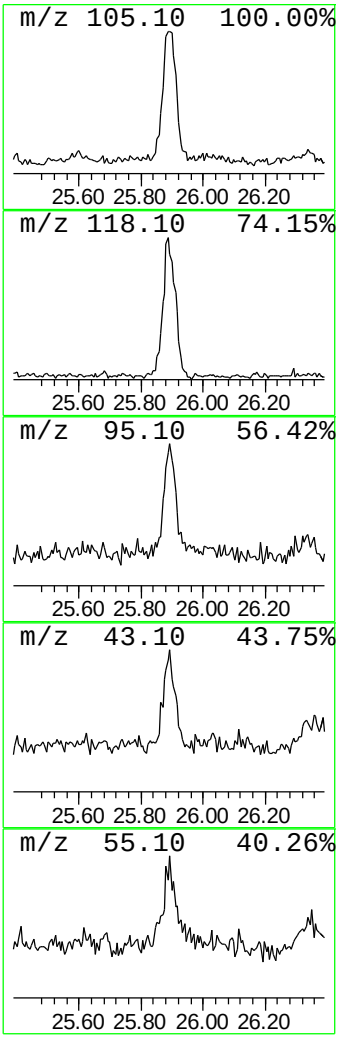
Peak Number 19 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.89	11.14 ng/ul	929665	Perylene-d12	25.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanesulfonamide, N-[2-[4-(2,3...	396	C17H20N2O5S2	1000317-14-4	27
2	6-Propyl-thionicotinamide	180	C9H12N2S	1000284-13-0	25
3	N-(3-Phenylbutyl)-undecafluior-h...	445	C16H14F11NO	077970-70-8	22
4	3-Pyridinepropanol	137	C8H11NO	002859-67-8	22
5	Phthalic acid, butyl 3-phenylpro...	340	C21H24O4	1000308-98-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W1

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
2H-1,2-Oxazine, 3...	8.52	2.6	ng/ul	62095	1	8.23	484206	20.0
1,2,4-Trimethoxyb...	14.19	3.1	ng/ul	155234	3	14.86	988438	20.0
unknown-01	14.70	2.3	ng/ul	112450	3	14.86	988438	20.0
5-tert-Butylpyrog...	14.98	4.0	ng/ul	199677	3	14.86	988438	20.0
Naphthalene, 2,3,...	15.23	2.5	ng/ul	123232	3	14.86	988438	20.0
2,4-Hexadienedioi...	15.77	6.7	ng/ul	330383	3	14.86	988438	20.0
(DEL) Alkane: Str...	16.50	3.0	ng/ul	198812	4	17.60	1319670	20.0
Ethanone, 1-(4-hy...	16.87	4.9	ng/ul	325247	4	17.60	1319670	20.0
(DEL) Alkane: Str...	18.03	2.5	ng/ul	164619	4	17.60	1319670	20.0
n-Hexadecanoic acid	18.44	13.6	ng/ul	898947	4	17.60	1319670	20.0
(DEL) Alkane: Str...	18.71	3.6	ng/ul	239919	4	17.60	1319670	20.0
(DEL) Alkane: Str...	19.34	4.6	ng/ul	303671	4	17.60	1319670	20.0
Octadecanoic acid	19.69	4.3	ng/ul	283076	4	17.60	1319670	20.0
Tridecane, 1-iodo-	19.91	9.5	ng/ul	801056	5	21.90	1687960	20.0
(DEL) Alkane: Str...	20.93	14.3	ng/ul	1209640	5	21.90	1687960	20.0
(DEL) Alkane: Str...	21.45	9.1	ng/ul	766388	5	21.90	1687960	20.0
(DEL) Alkane: Cyc...	22.00	5.6	ng/ul	474836	5	21.90	1687960	20.0
(DEL) Alkane: Str...	23.34	38.5	ng/ul	3245580	5	21.90	1687960	20.0
unknown-02	25.89	11.1	ng/ul	929665	6	25.32	1669740	20.0