LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

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-BG080915.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	3.131	45	50	52	rBV3	26997	39353	0.30%	0.039%
2	3.166	52	56	62	rVB	57554	88326	0.68%	0.087%
3	3.254	67	71	77	rVB4	23971	39680	0.31%	0.039%
4	3.818	160	167	174	rBV	146288	217510	1.68%	0.214%
5	3.989	192	196	203	rBV	79703	120202	0.93%	0.118%
6	4.576	290	296	302	rVB6	18665	33573	0.26%	0.033%
7	5.223	401	406	412	rBV4	18828	33199	0.26%	0.033%
8	5.675	478	483	492	rBV	33212	58450	0.45%	0.057%
9	6.051	541	547	551	rBV	55065	91739	0.71%	0.090%
10	7.032	707	714	720	rVB3	53889	105829	0.82%	0.104%
11	7.191	734	741	749	rBV	301985	542999	4.19%	0.534%
12	7.361	759	770	776	rBV	265589	443324	3.42%	0.436%
13	7.567	798	805	813	rVB	305466	534497	4.12%	0.526%
14	7.655	817	820	823	rBV4	25120	36147	0.28%	0.036%
15	8.037	875	885	893	rVV	493513	842157	6.50%	0.828%
16	8.589	970	979	990	rVB9	28801	86649	0.67%	0.085%
17	8.736	998	1004	1012	rVV	166239	285512	2.20%	0.281%
18	9.194	1074	1082	1089	rVV	322192	580025	4.48%	0.570%
19	9.271	1091	1095	1098	rVV4	21551	34902	0.27%	0.034%
20	9.917	1197	1205	1212	rBV3	327872	656294	5.06%	0.646%
21	10.052	1220	1228	1232	rBV3	14094	36533	0.28%	0.036%
22	10.146	1238	1244	1248	rVB3	31676	51578	0.40%	0.051%
23	10.458	1288	1297	1304	rBV	386388	692243	5.34%	0.681%
24	10.846	1354	1363	1369	rBV	725274	1360155	10.50%	1.338%
25	10.893	1369	1371	1377	rVV3	46954	75897	0.59%	0.075%
26	10.969	1379	1384	1396	rVB3	46709	121811	0.94%	0.120%
27	11.621	1490	1495	1500	rBV5	34409	65670	0.51%	0.065%
28	11.868	1531	1537	1542	rBV3	23536	38924	0.30%	0.038%
29	12.497	1634	1644	1652	rVB3	63969	120125	0.93%	0.118%
30	12.714	1675	1681	1687	rVB	53140	90242	0.70%	0.089%
31	13.108	1743	1748	1753	rBV4	29740	44111	0.34%	0.043%
32	13.184	1756	1761	1762	rVV5	31647	50590	0.39%	0.050%
33	13.207	1762	1765	1769	rVV3	49201	68773	0.53%	0.068%
34	13.254	1769	1773	1782	rVB5	40167	87832	0.68%	0.086%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

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-BG080915.M
Title : SVOA CALIBRATION

35	13.495	1806	1814	1821	rBV8	45277	110785	0.85%	0.109%
36	13.695	1844	1848	1850	rBV5	24113	32518	0.25%	0.032%
37	13.836	1863	1872	1880	rBV5	74928	214394	1.65%	0.211%
38	13.942	1885	1890	1892	rVV5	24489	39006	0.30%	0.038%
39	13.983	1892	1897	1902	rVV3	121697	237718	1.83%	0.234%
40	14.065	1902	1911	1915	rVV	781679	1309912	10.11%	1.288%
41	14.112	1915	1919	1923	rVV	326363	493526	3.81%	0.485%
42	14.148	1923	1925	1929	rVV3	85105	101557	0.78%	0.100%
43	14.218	1929	1937	1941	rVV4	52830	109408	0.84%	0.108%
44	14.253	1941	1943	1948	rVB6	24094	32708	0.25%	0.032%
45	14.359	1954	1961	1971	rVB	820938	1353332	10.44%	1.331%
46	14.500	1981	1985	1991	rVB7	30100	50590	0.39%	0.050%
47	14.565	1991	1996	2001	rBV	68331	98560	0.76%	0.097%
48	14.665	2003	2013	2019	rBV2	1176220	2042308	15.76%	2.009%
49	14.723	2019	2023	2031	rVB4	62894	146630	1.13%	0.144%
50	14.847	2039	2044	2057	rVB3	287759	612826	4.73%	0.603%
51	14.952	2057	2062	2065	rBV5	36607	62403	0.48%	0.061%
52	14.994	2065	2069	2073	rVV2	78610	134095	1.03%	0.132%
53	15.058	2076	2080	2086	rVV2	172575	294532	2.27%	0.290%
54	15.135	2087	2093	2097	rVV2	107741	193319	1.49%	0.190%
55	15.187	2098	2102	2109	rVB10	47656	88751	0.68%	0.087%
56	15.281	2113	2118	2122	rVV3	81201	150654	1.16%	0.148%
57	15.329	2122	2126	2131	rVB	86824	131941	1.02%	0.130%
58	15.452	2139	2147	2150	rBV5	75088	171767	1.33%	0.169%
59	15.511	2154	2157	2160	rVB	60204	80071	0.62%	0.079%
60	15.652	2175	2181	2186	rVB	1058441	1541127	11.89%	1.516%
61	15.705	2186	2190	2194	rVB2	95710	125070	0.97%	0.123%
62	15.763	2195	2200	2205	rVB	217901	311642	2.40%	0.307%
63	15.916	2222	2226	2232	rVB2	135560	197620	1.52%	0.194%
64	15.998	2238	2240	2249	rVB6	83697	169530	1.31%	0.167%
65	16.398	2299	2308	2314	rBV2	255374	552723	4.27%	0.544%
66	16.656	2348	2352	2355	rBV	75372	119434	0.92%	0.117%
67	16.803	2374	2377	2380	rVB5	63056	74620	0.58%	0.073%
68	17.162	2435	2438	2442	rVV2	92798	116712	0.90%	0.115%
69	17.220	2444	2448	2459	rVB2	214188	351414	2.71%	0.346%
70	17.408	2474	2480	2484	rBV2	1319905	2181011	16.83%	2.145%
71	17.450	2484	2487	2491	rVB	697684	909504	7.02%	0.895%

LSC Area Percent Report

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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	17.502	2491	2496	2501	rBV	995004	1477285	11.40%	1.453%
73	17.673	2522	2525	2530	rVB3	81684	100070	0.77%	0.098%
74	17.984	2575	2578	2586	rVB3	102836	246437	1.90%	0.242%
75	18.301	2628	2632	2636	rBV	710266	964992	7.45%	0.949%
76	18.472	2657	2661	2666	rBV2	368135	606931	4.68%	0.597%
77	18.531	2667	2671	2676	rVB3	632903	889918	6.87%	0.875%
78	18.701	2693	2700	2707	rBV3	5861260	9597782	74.06%	9.440%
79	18.889	2726	2732	2739	rBV	6295531	8401881	64.83%	8.264%
80	19.030	2750	2756	2761	rVB	9495756	12959099	100.00%	12.746%
81	19.153	2772	2777	2782	rBV	3179330	4220449	32.57%	4.151%
82	19.459	2824	2829	2833	rBV	1537646	2281106	17.60%	2.244%
83	19.518	2833	2839	2844	rVV	6983522	9258483	71.44%	9.106%
84	19.565	2845	2847	2849	rVV2	233700	269989	2.08%	0.266%
85	19.594	2850	2852	2857	rVB2	386781	428420	3.31%	0.421%
86	19.788	2880	2885	2888	rBV2	1343456	2237142	17.26%	2.200%
87	19.817	2888	2890	2898	rVB	1297434	1693970	13.07%	1.666%
88	20.047	2925	2929	2935	rVB2	420060	694690	5.36%	0.683%
89	20.164	2946	2949	2954	rVB5	499280	615417	4.75%	0.605%
90	20.299	2969	2972	2976	rBV2	404390	558398	4.31%	0.549%
91	20.575	3016	3019	3022	rBV	295567	314838	2.43%	0.310%
92	20.628	3025	3028	3035	rVB	514997	755523	5.83%	0.743%
93	21.674	3199	3206	3210	rBV2	1334365	2925416	22.57%	2.877%
94	21.880	3237	3241	3247	rVB	1044096	1538784	11.87%	1.513%
95	22.497	3341	3346	3353	rVB	1316115	2128154	16.42%	2.093%
96	22.567	3354	3358	3364	rVV3	711334	1265178	9.76%	1.244%
97	23.196	3460	3465	3474	rVB	1396739	2596225	20.03%	2.554%
98	24.018	3599	3605	3615	rVB	1619055	3429370	26.46%	3.373%
99	24.982	3763	3769	3785	rVB	1360218	3565962	27.52%	3.507%
100	26.128	3958	3964	3974	rVB2	1051845	2930297	22.61%	2.882%

Sum of corrected areas: 101670775

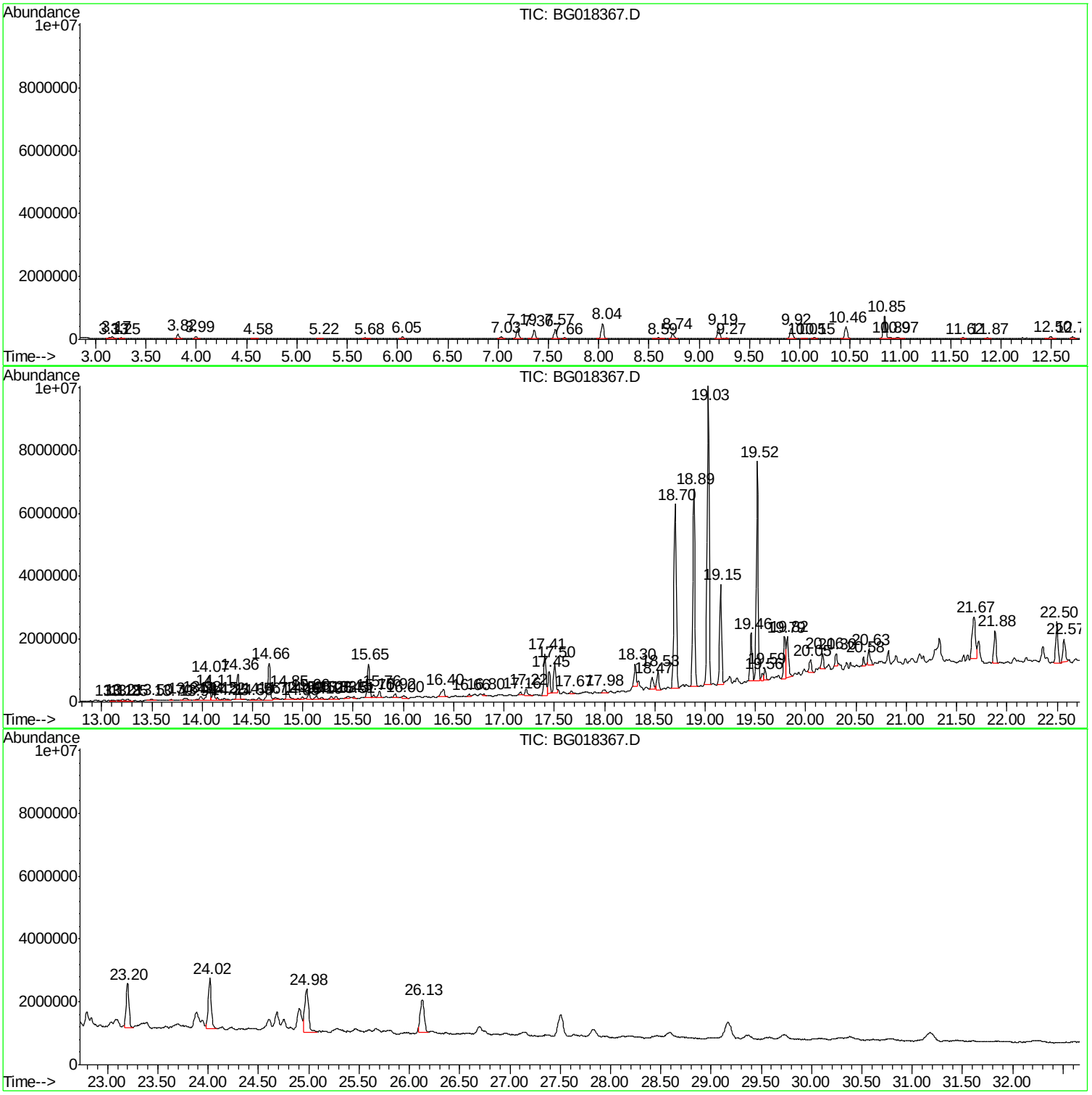
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

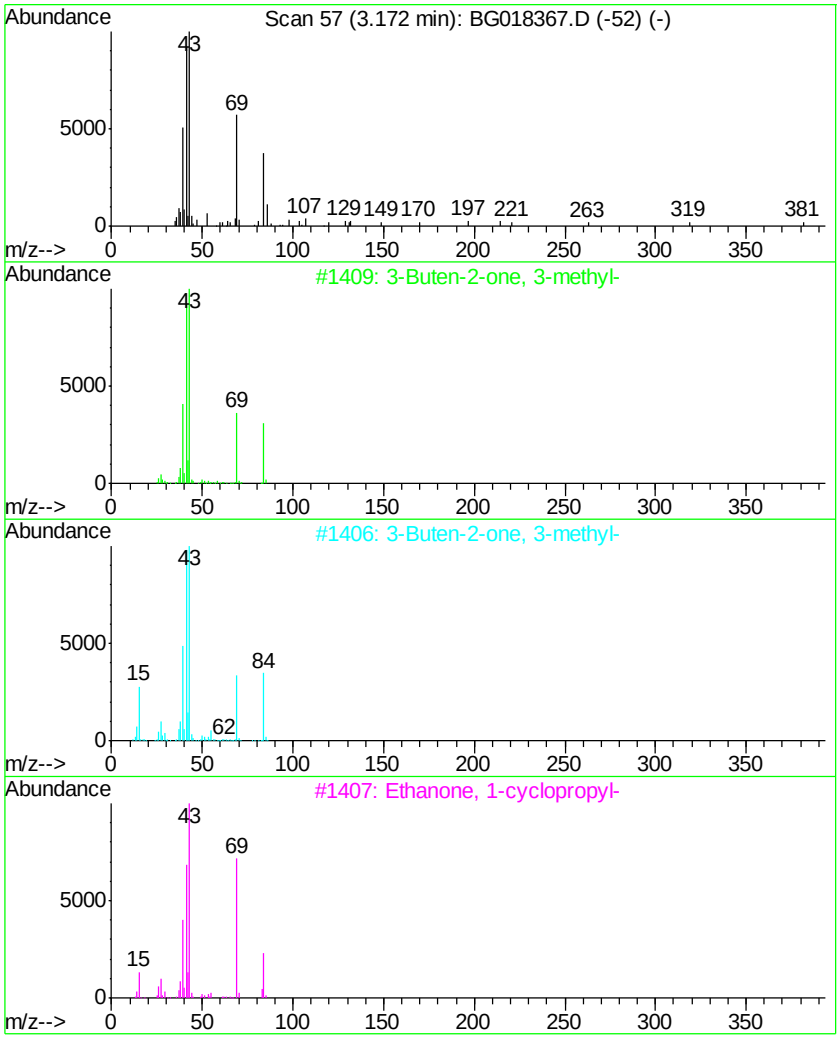
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

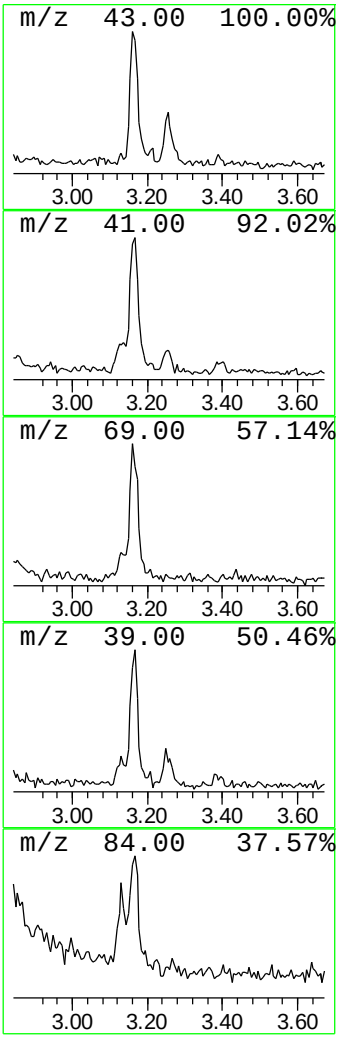
****

Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	2.10 ng/ul	88326	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	68
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	64
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	50
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	45
5	3-Penten-2-one	84	C5H8O	000625-33-2	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

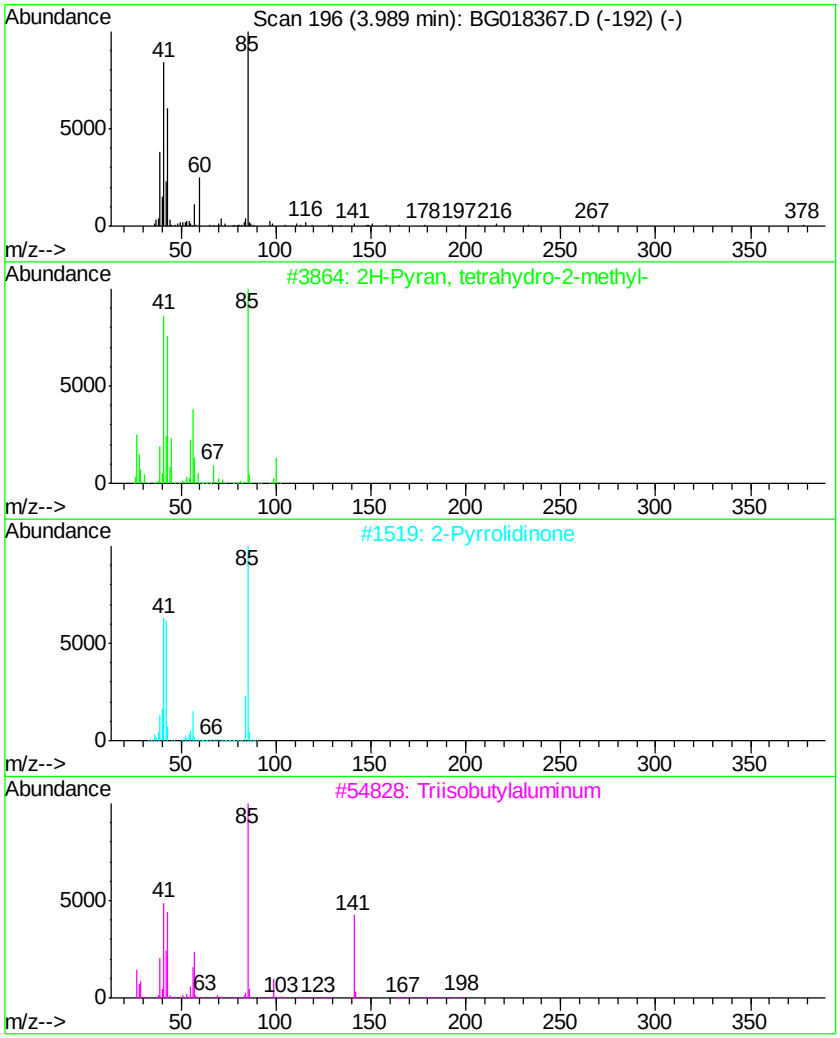
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

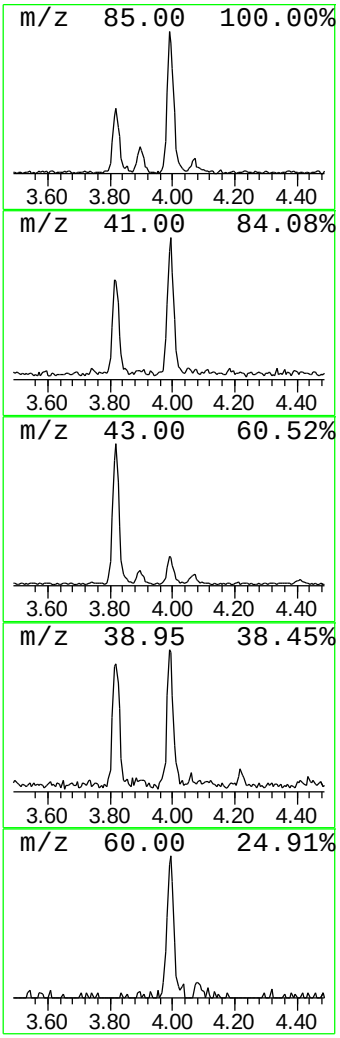
****

Peak Number 3 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	2.85 ng/ul	120202	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	32
3	Triisobutylaluminum	198	C12H27Al	000100-99-2	25
4	Isothiazole	85	C3H3NS	000288-16-4	25
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

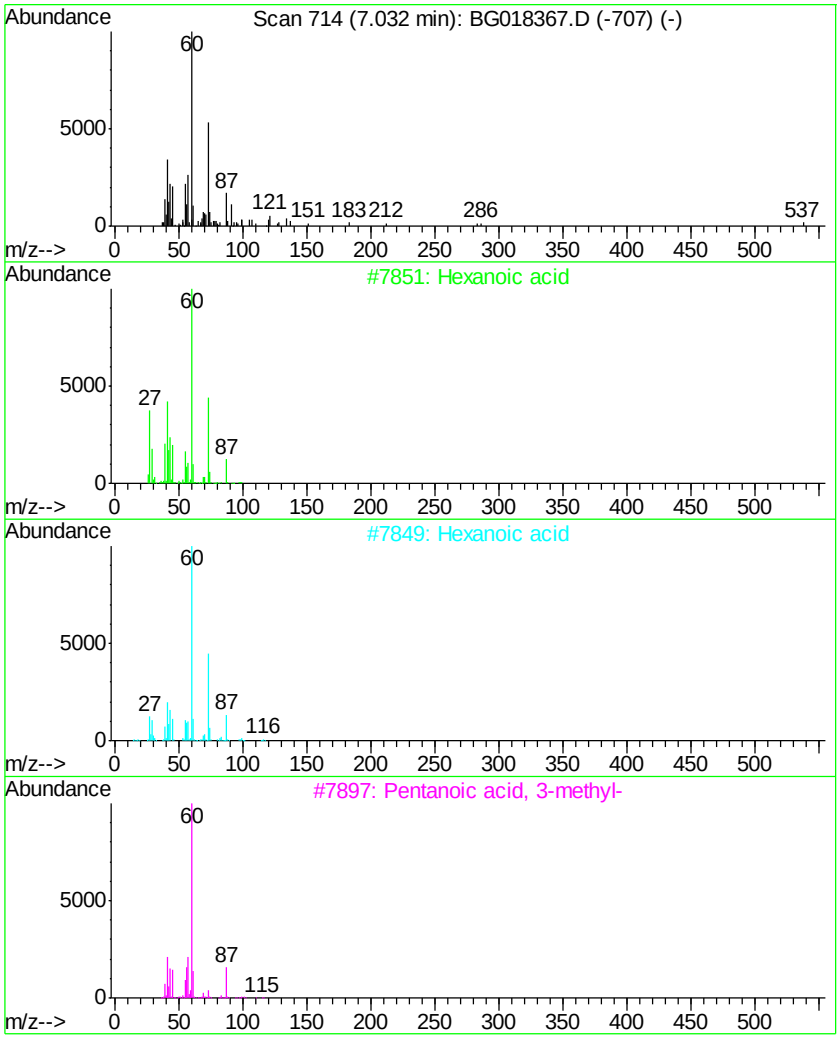
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

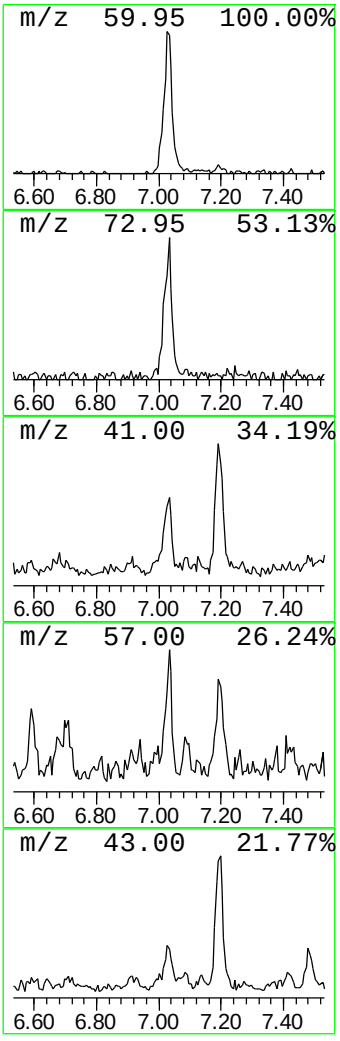
****

Peak Number 5 Hexanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	2.51 ng/ul	105829	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	72
2	Hexanoic acid	116	C6H12O2	000142-62-1	59
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	53
4	D-Galactose, 6-deoxy-	164	C6H12O5	003615-37-0	50
5	Heptanoic acid	130	C7H14O2	000111-14-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

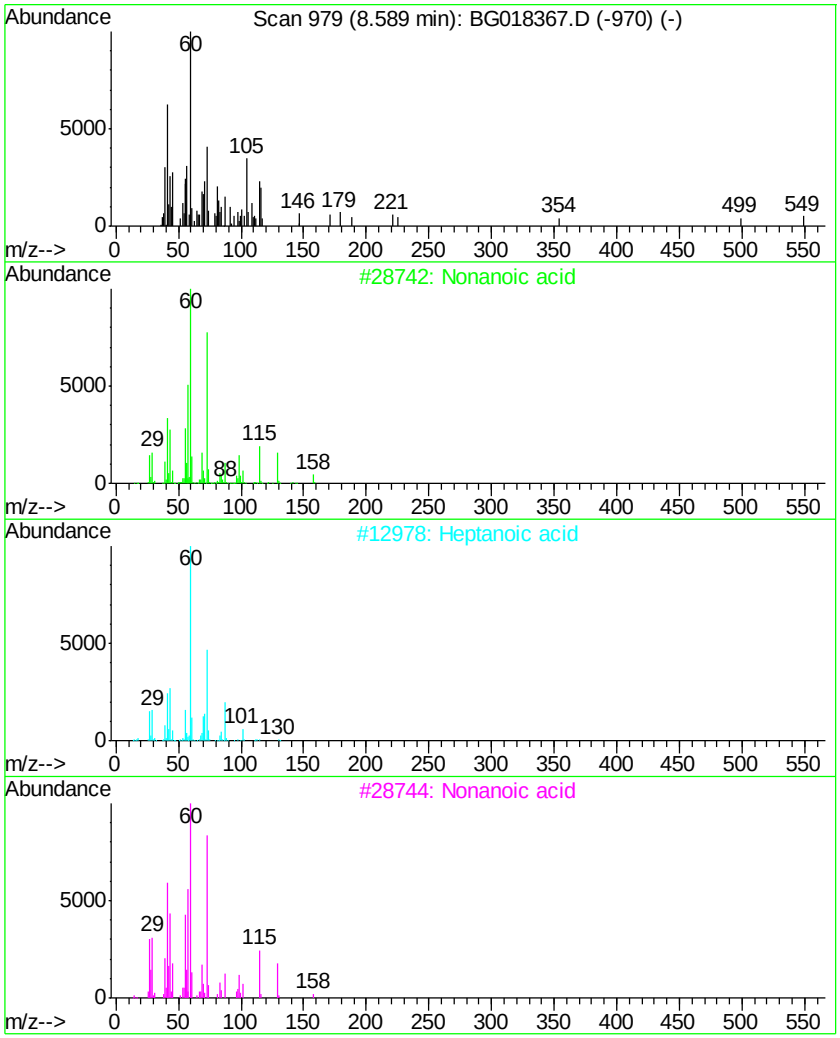
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

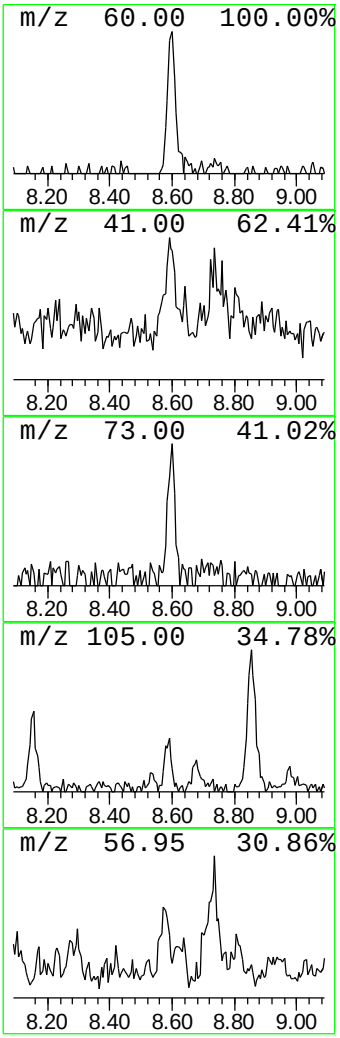
****

Peak Number 6 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	2.06 ng/ul	86649	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	38
2	Heptanoic acid	130	C7H14O2	000111-14-8	38
3	Nonanoic acid	158	C9H18O2	000112-05-0	38
4	Undecanoic acid	186	C11H22O2	000112-37-8	37
5	N-Cyclododecylacetamide	225	C14H27NO	026093-81-2	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

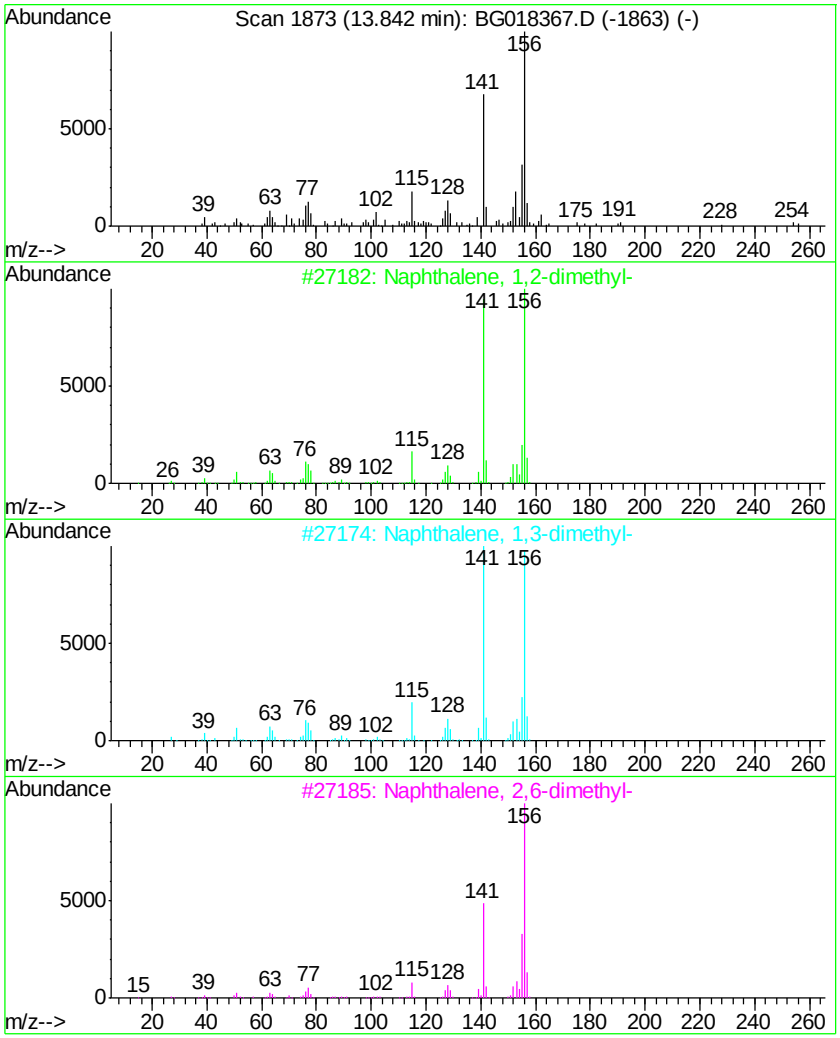
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

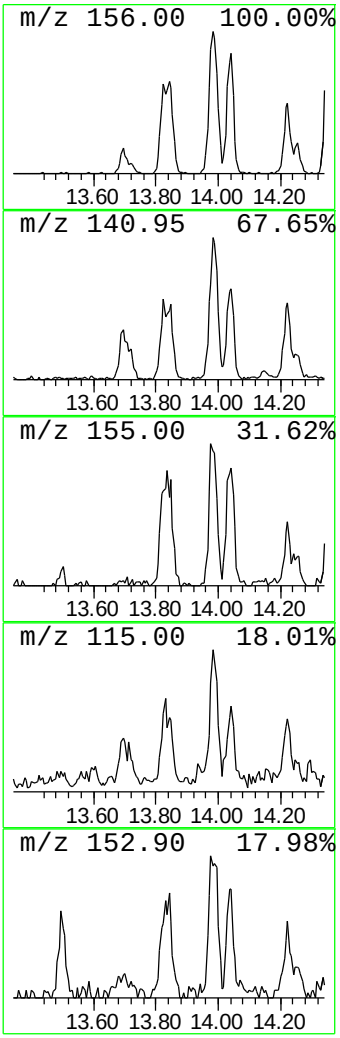
****

Peak Number 7 Naphthalene, 1,2-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	2.10 ng/ul	214394	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

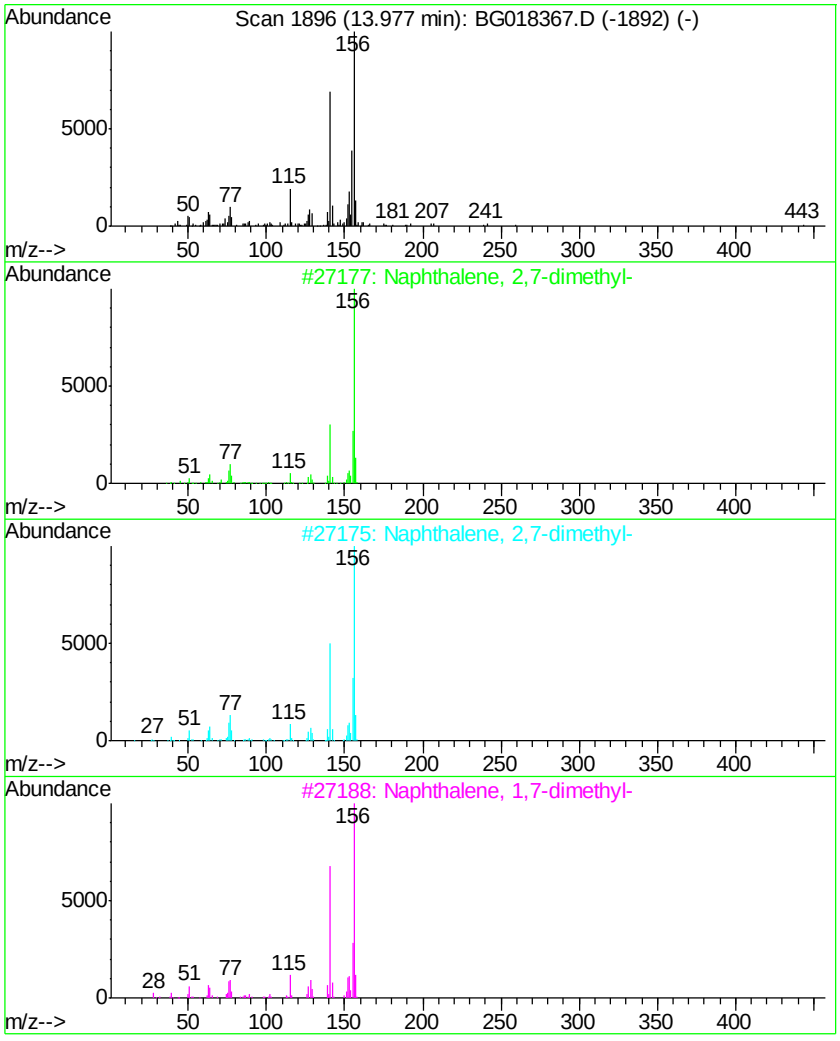
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

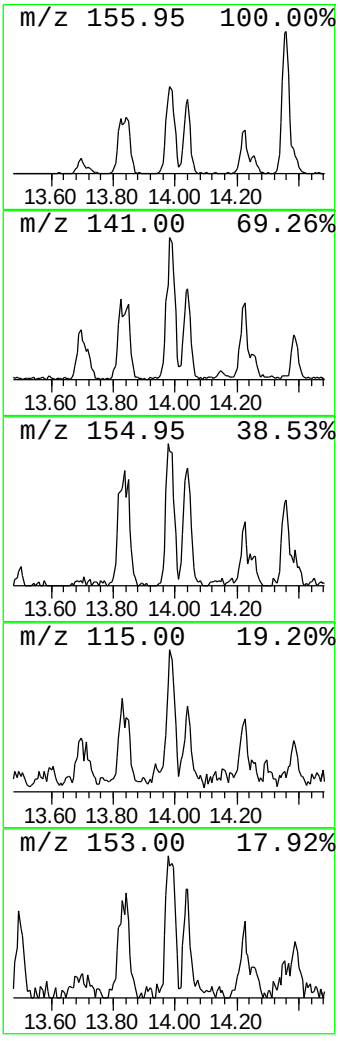
****

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.33 ng/ul	237718	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

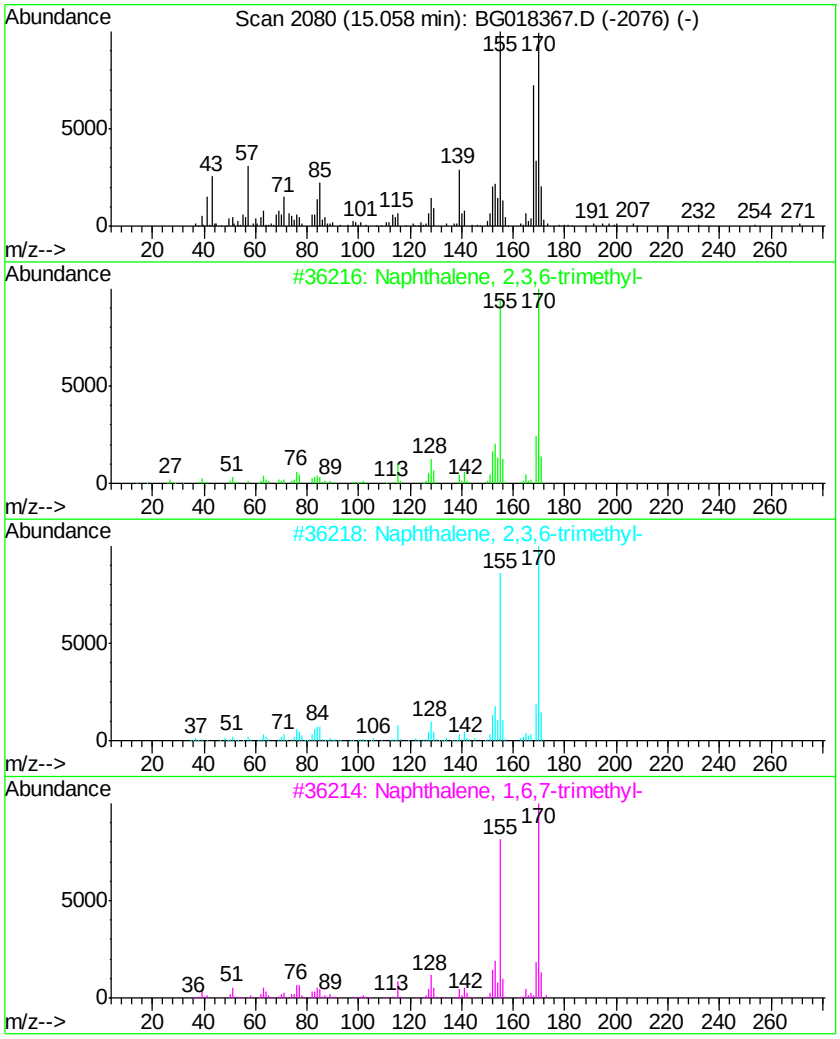
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

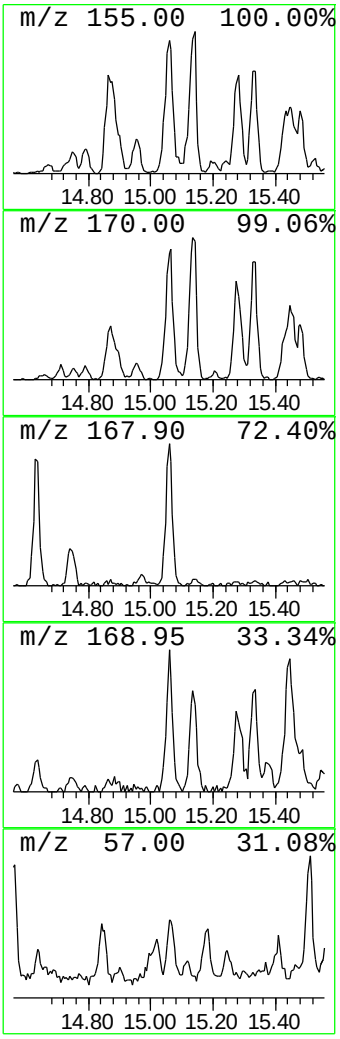
****

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.88 ng/ul	294532	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76





Library Search Compound Report

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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

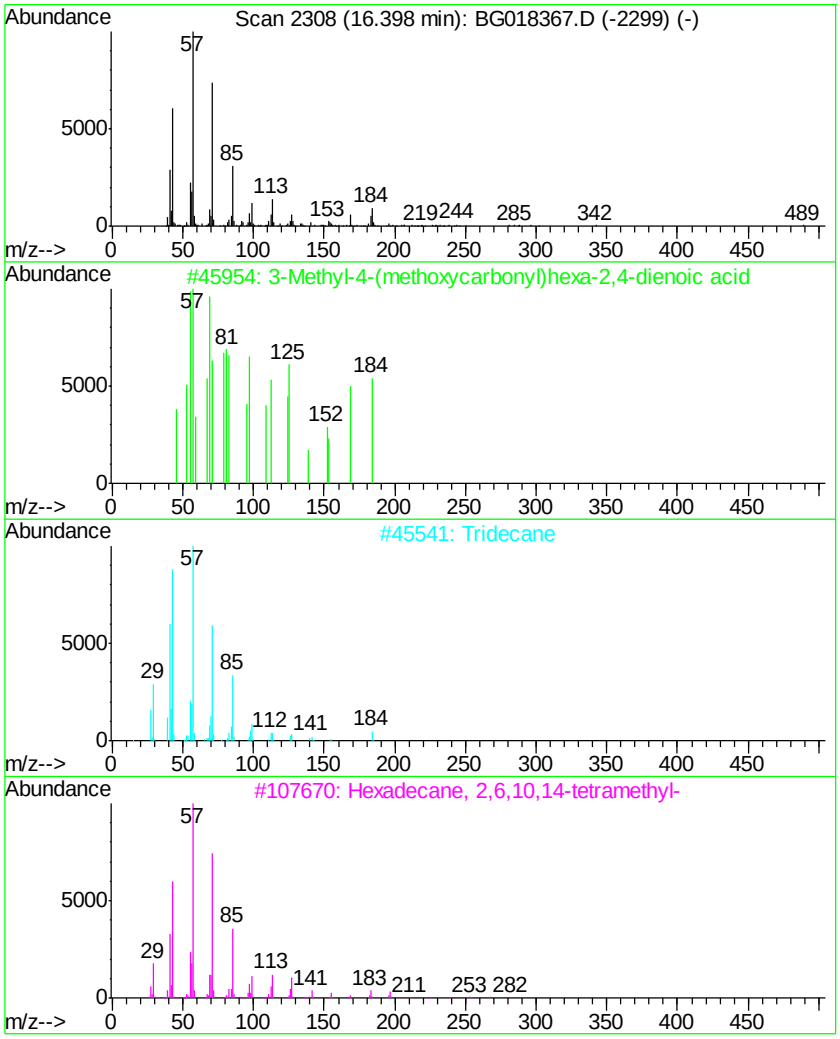
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

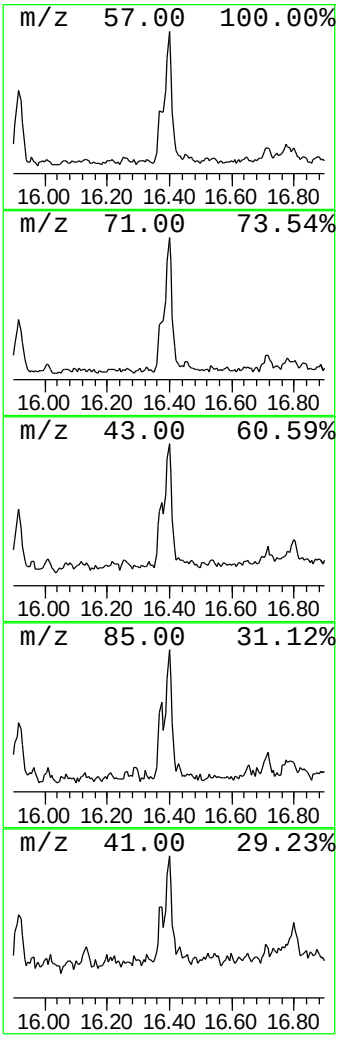
****

Peak Number 10 3-Methyl-4-(methoxycarbonyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	5.07 ng/ul	552723	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	96
2	Tridecane	184	C13H28	000629-50-5	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74





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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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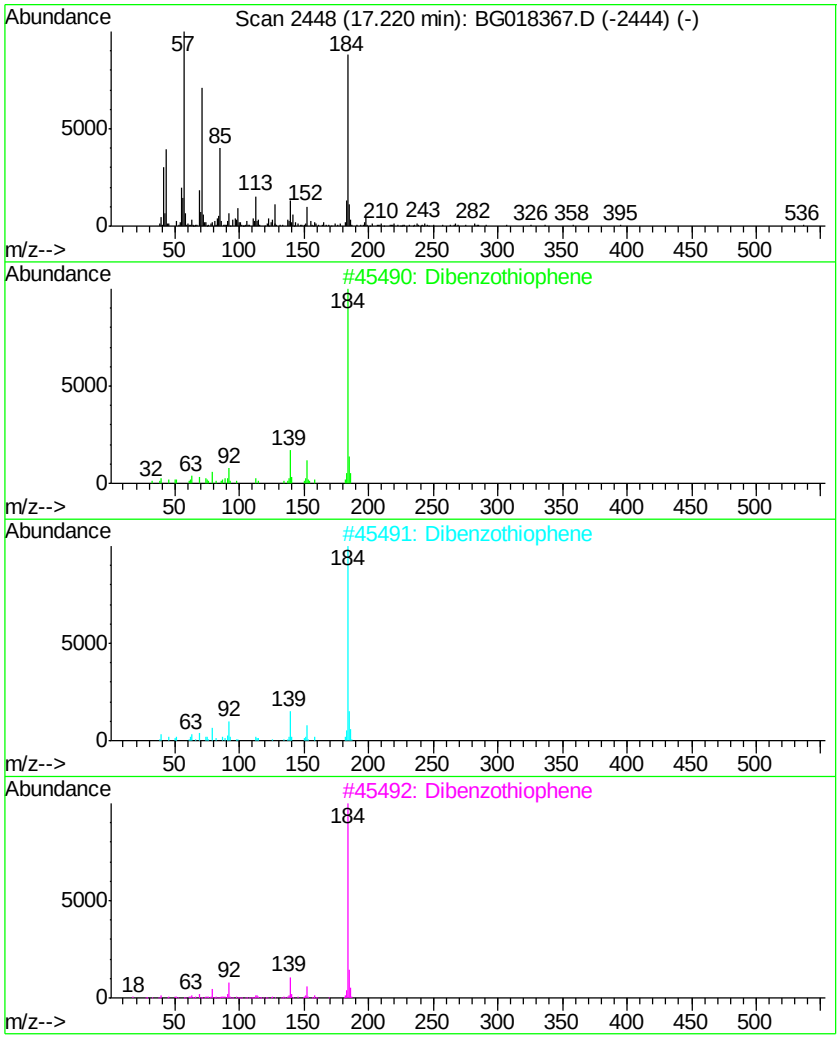
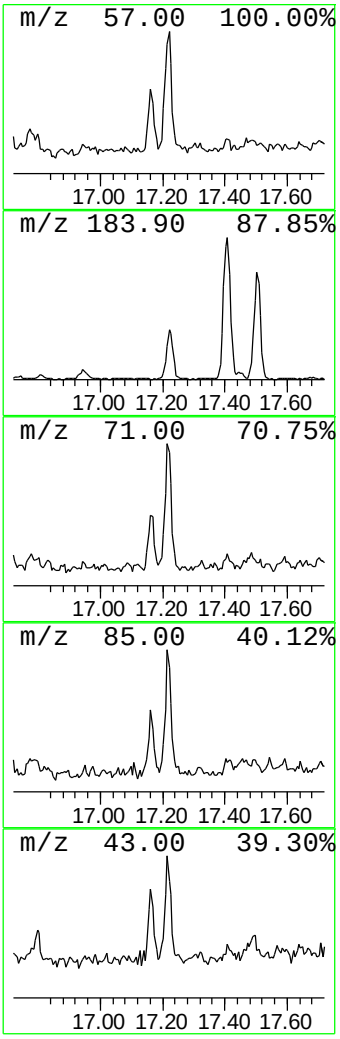
Peak Number 11 Dibenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	3.22 ng/ul	351414	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	55
2	Dibenzothiophene	184	C12H8S	000132-65-0	55
3	Dibenzothiophene	184	C12H8S	000132-65-0	43
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	38
5	Benzidine	184	C12H12N2	000092-87-5	35





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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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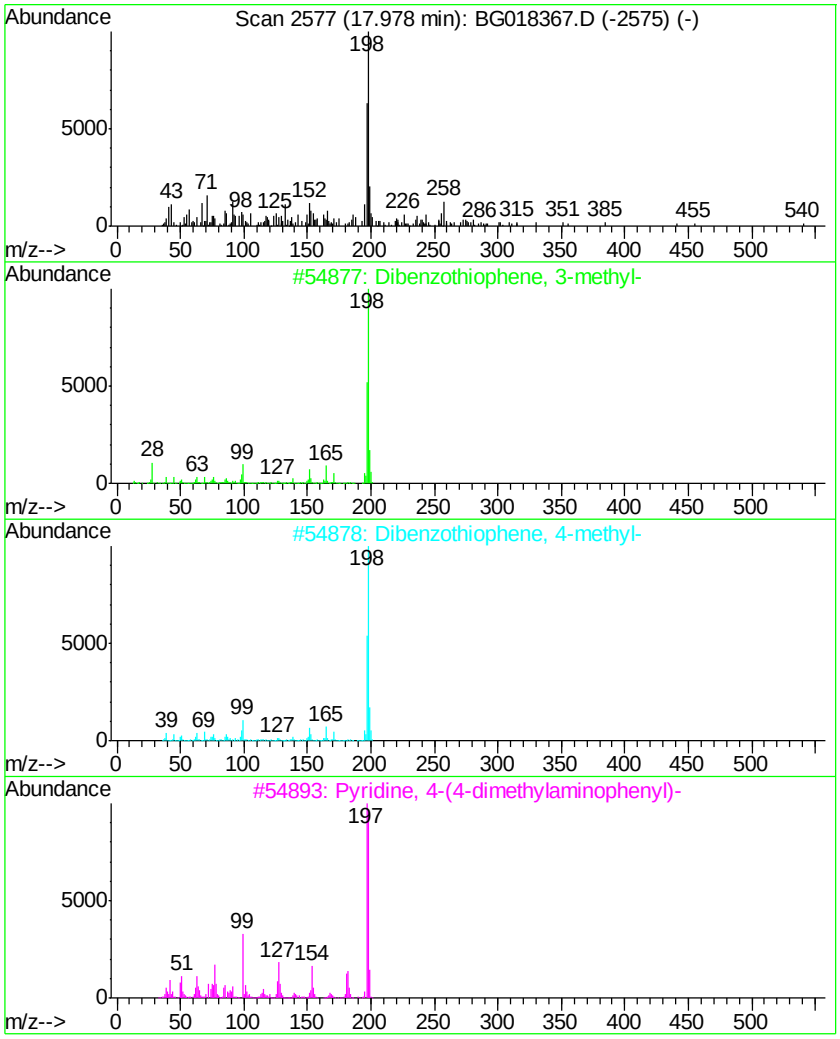
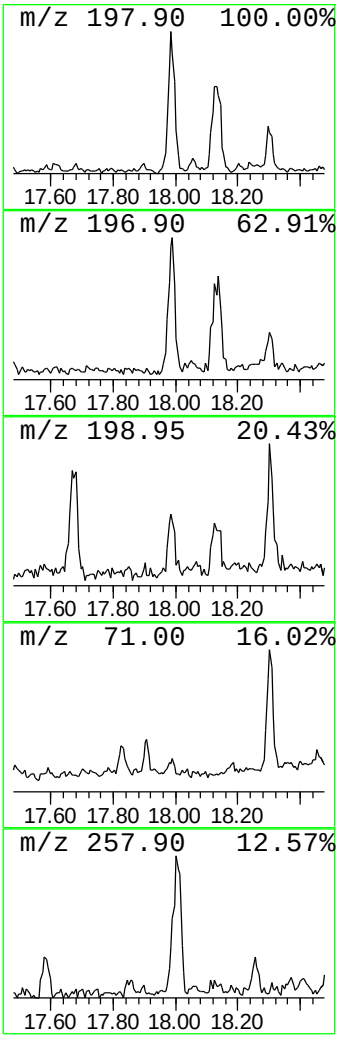
Peak Number 12 Dibenzothiophene, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.26 ng/ul	246437	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	89
3	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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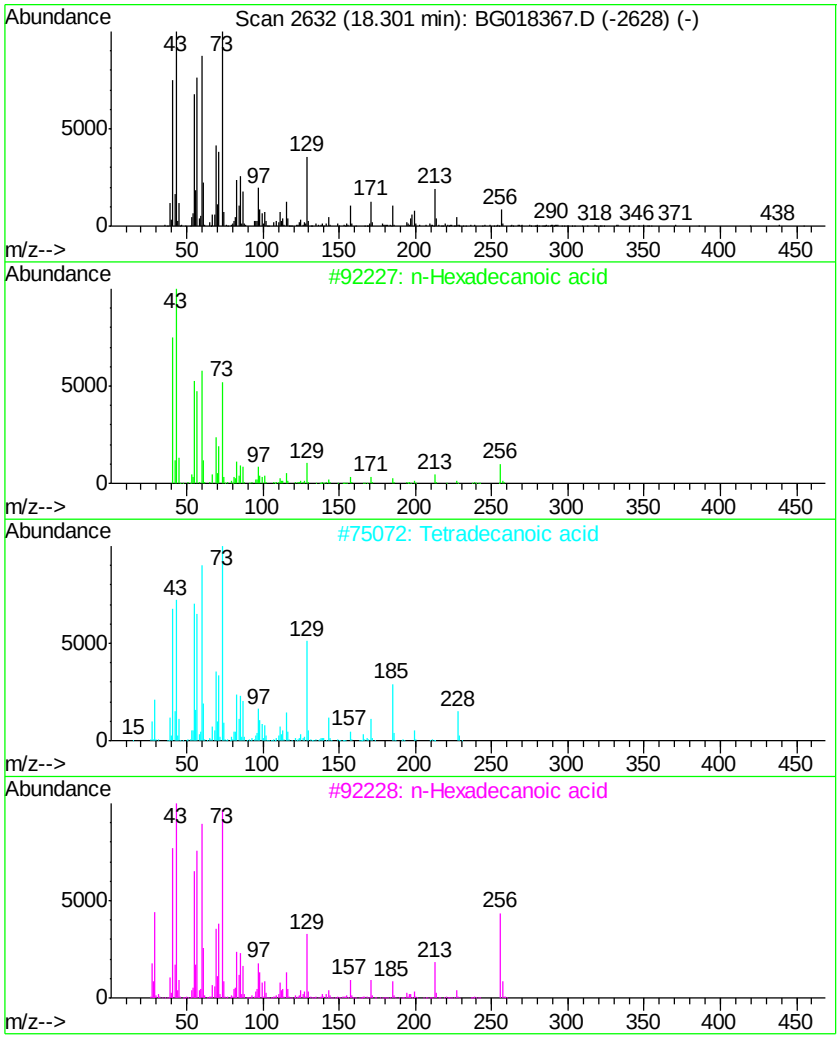
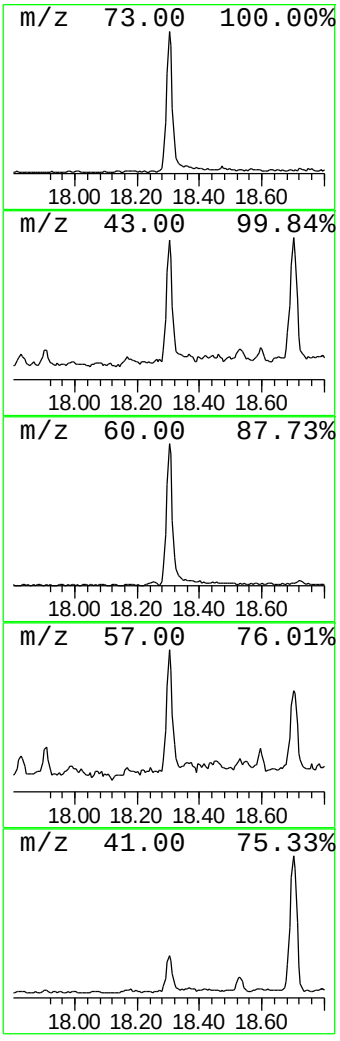
Peak Number 13 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	8.85 ng/ul	964992	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

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Quant Title : SVOA CALIBRATION

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

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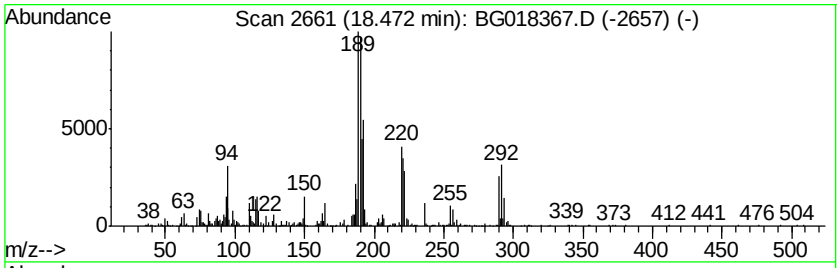
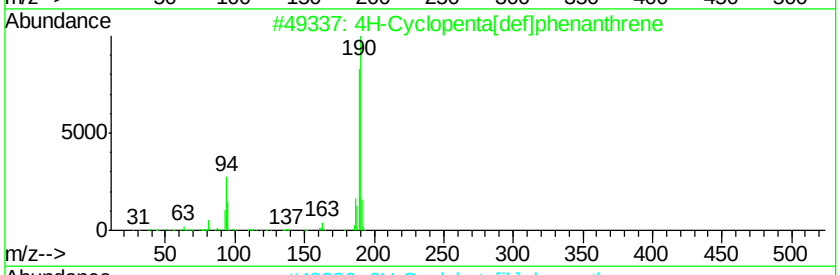
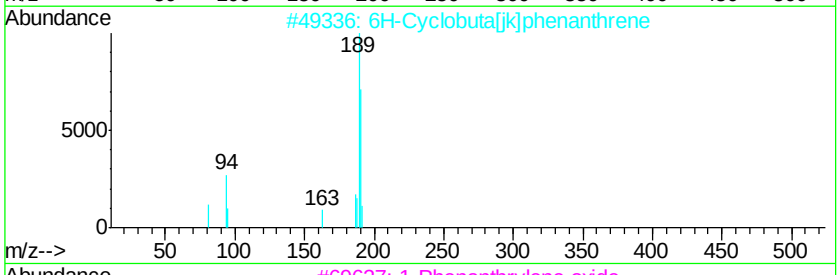
Peak Number 14 unknown-03 Concentration Rank 15

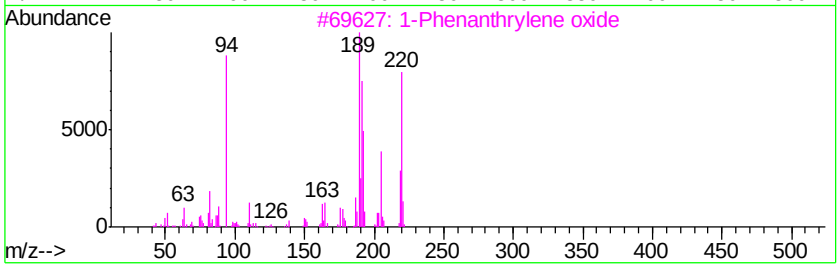
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	5.57 ng/ul	606931	Phenanthrene-d10	17.40

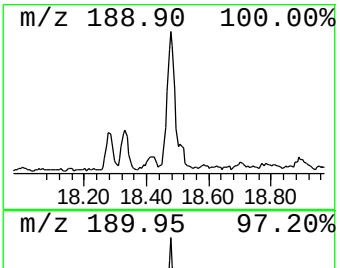
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
3	1-Phenanthrylene oxide	220	C16H12O	026698-45-3	38
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	35

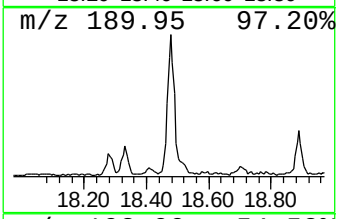


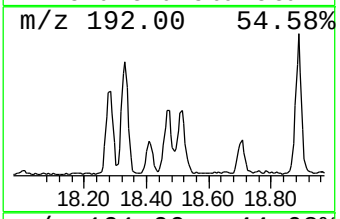


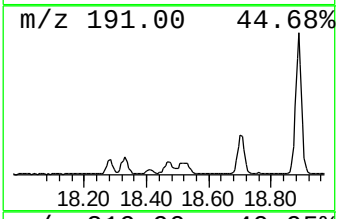


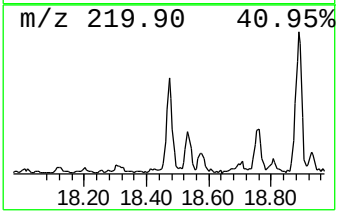












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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

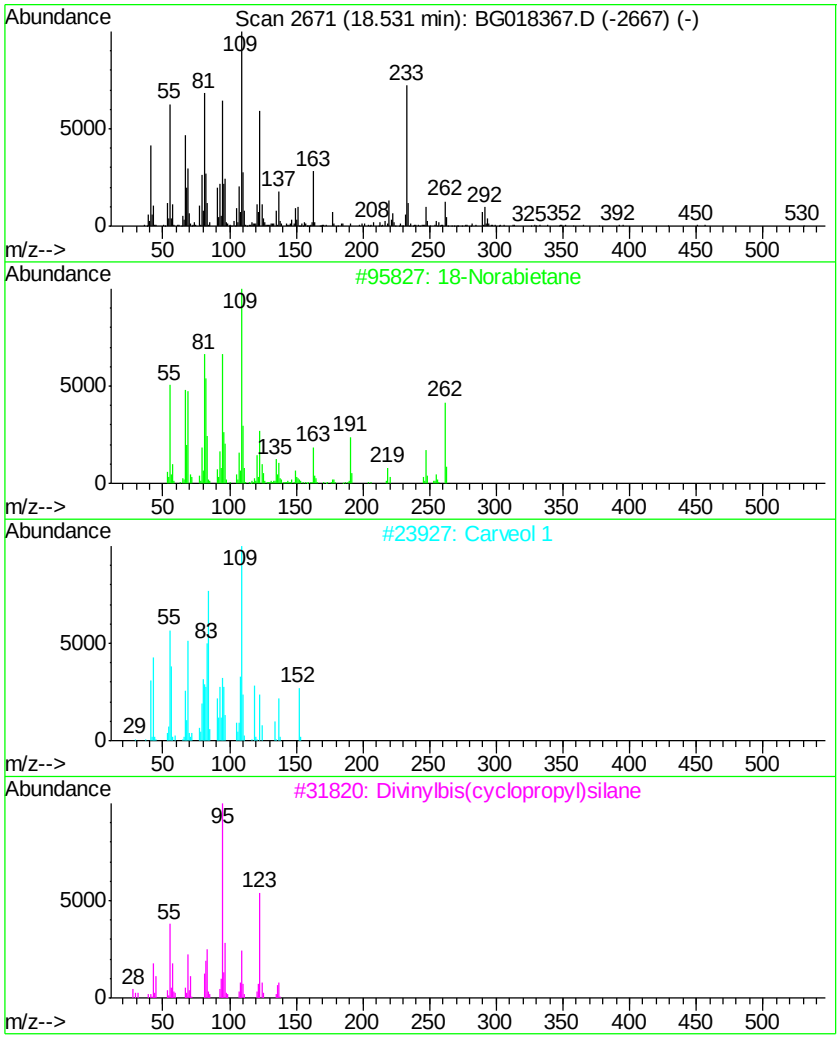
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

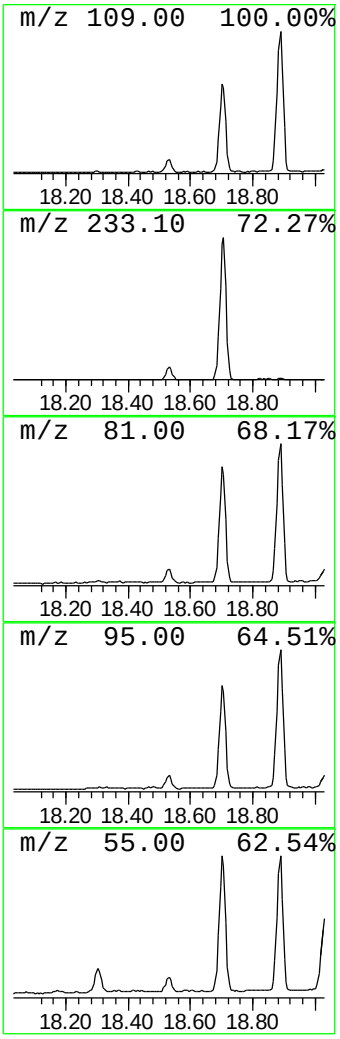
****

Peak Number 15 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	8.16 ng/ul	889918	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	49
2	Carveol 1	152	C10H16O	1000285-09-9	35
3	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	22
4	1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	22
5	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	22





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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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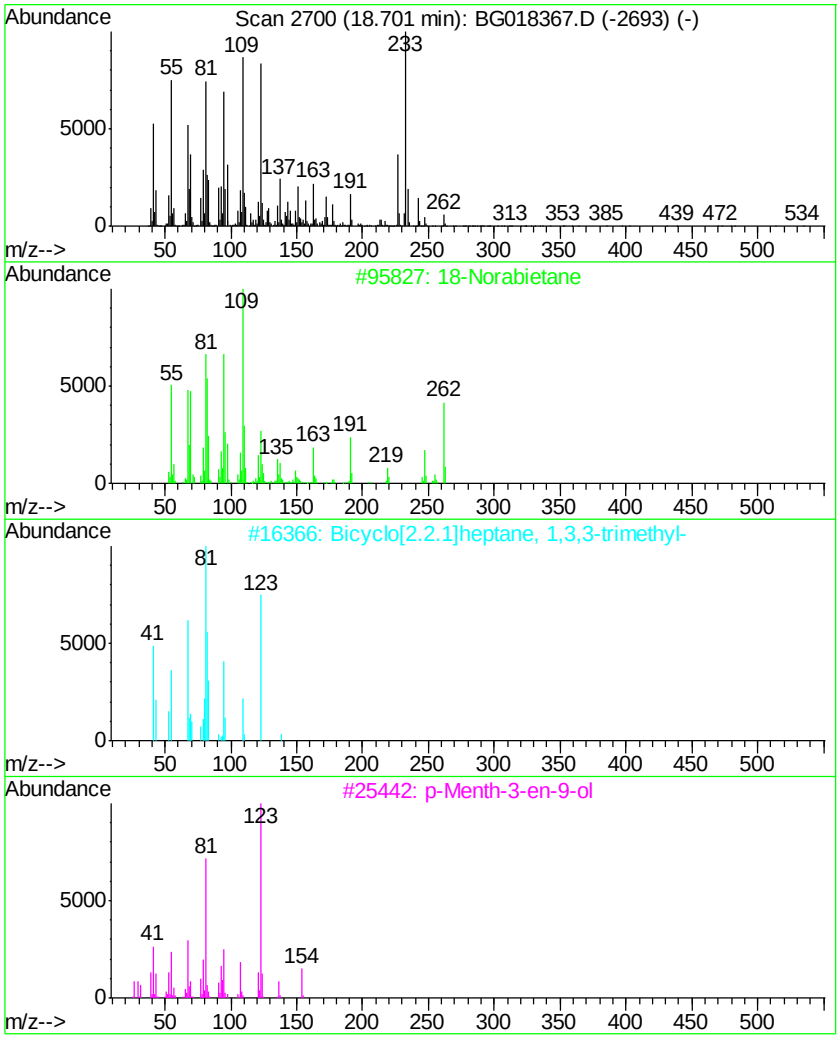
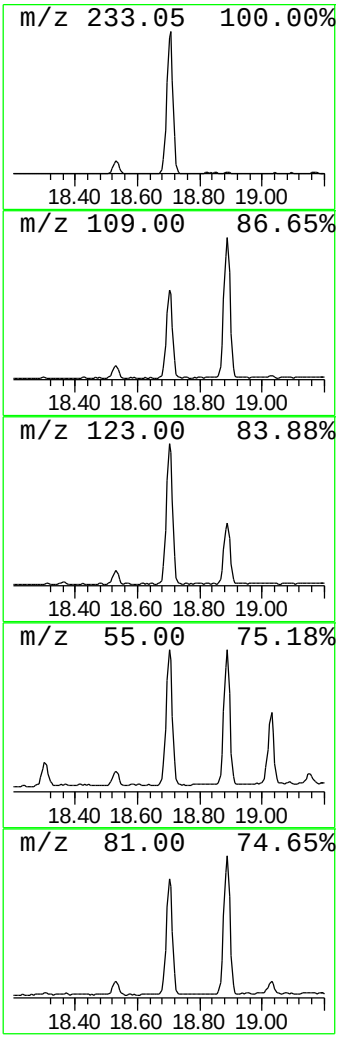
Peak Number 16 unknown-05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	88.01 ng/ul	9597780	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	45
2	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	38
3	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	38
4	Ethyl chrysanthemate	196	C12H20O2	000097-41-6	27
5	3-Hexadecyne	222	C16H30	061886-62-2	25





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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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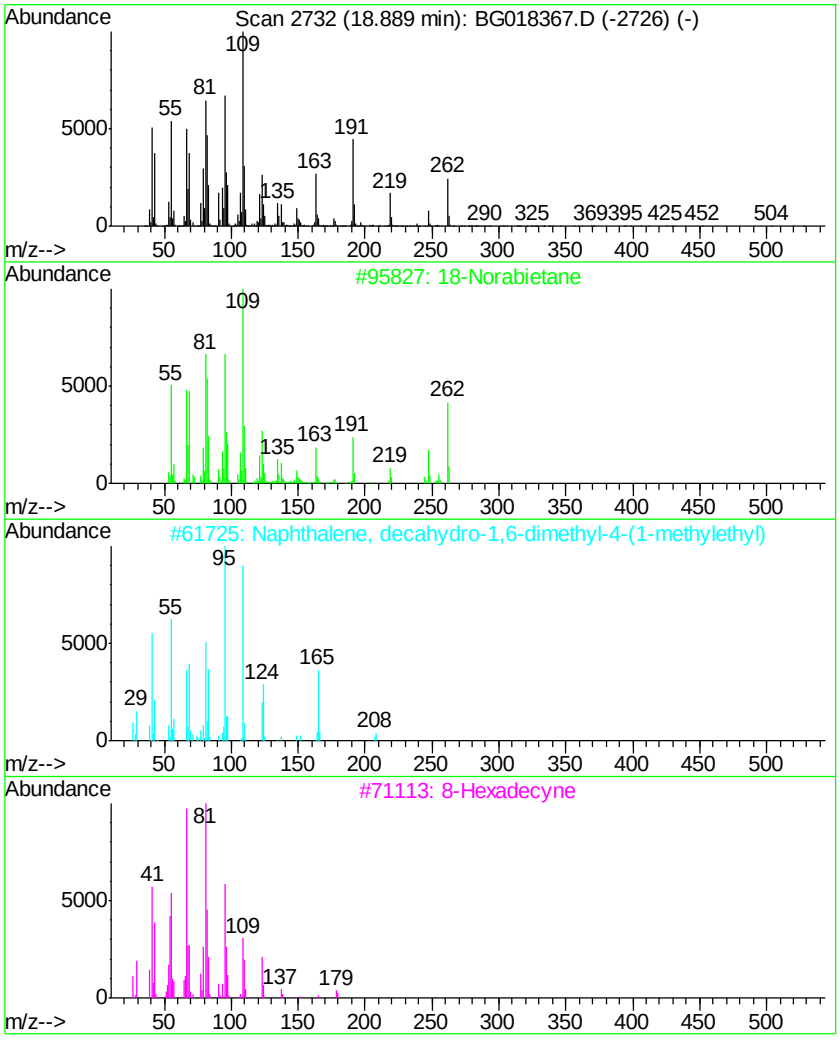
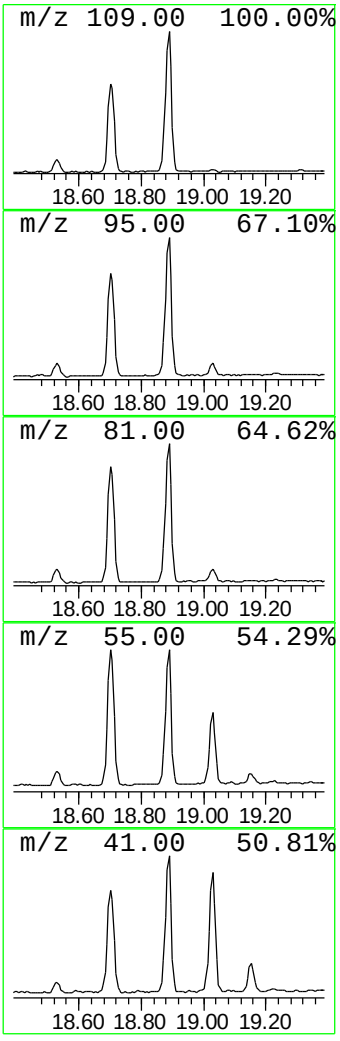
Peak Number 17 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	77.05 ng/ul	8401880	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	93
2	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	35
3	8-Hexadecyne	222	C16H30	019781-86-3	35
4	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
5	(4R*,5R*,9S*)-5,9-Dimethylspiro[...	166	C11H18O	063088-19-7	25





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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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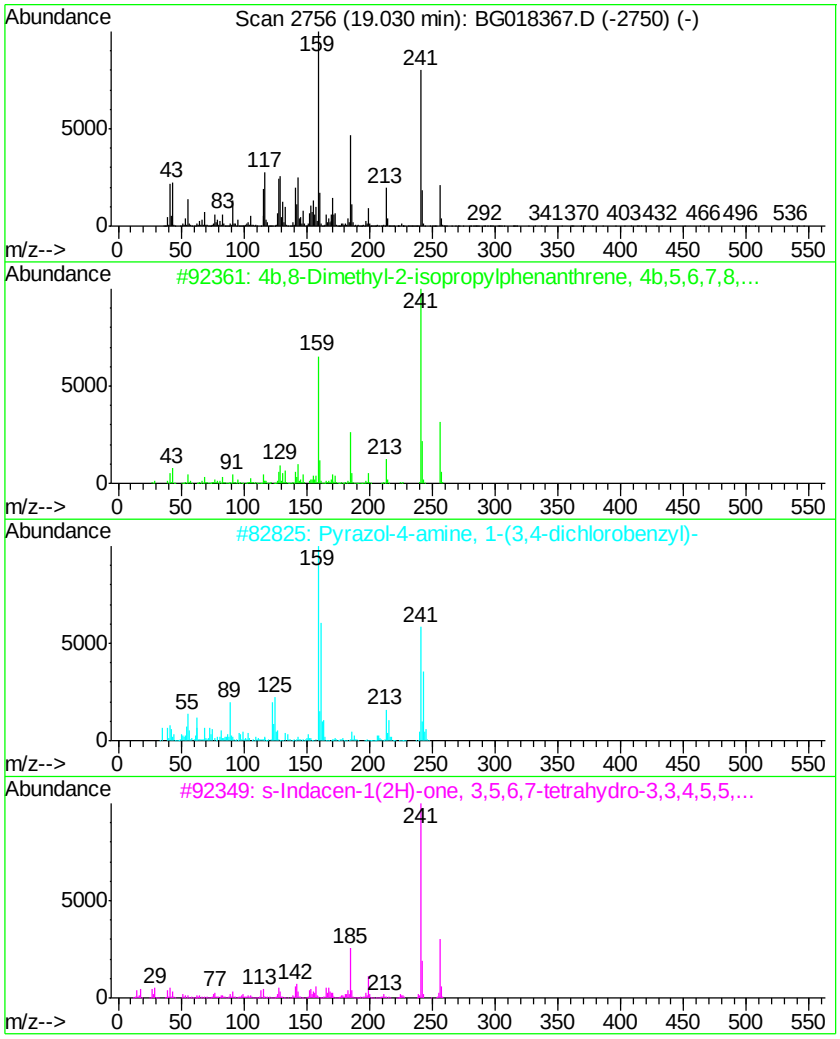
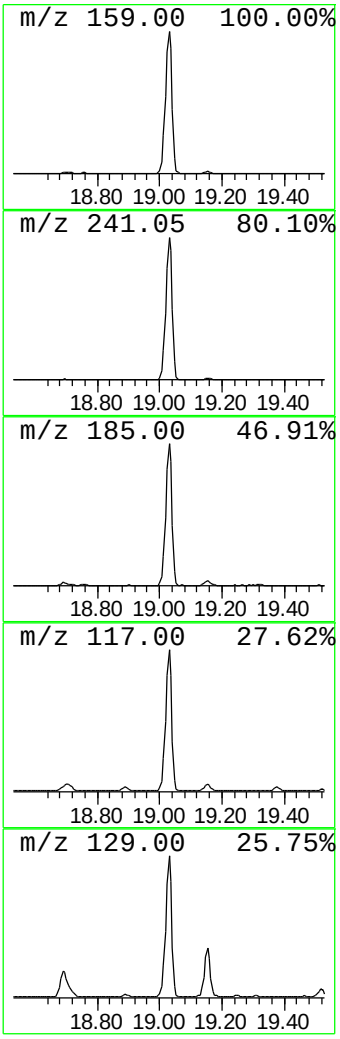
Peak Number 18 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	118.84 ng/ul	12959100	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	43
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
5	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	27





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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

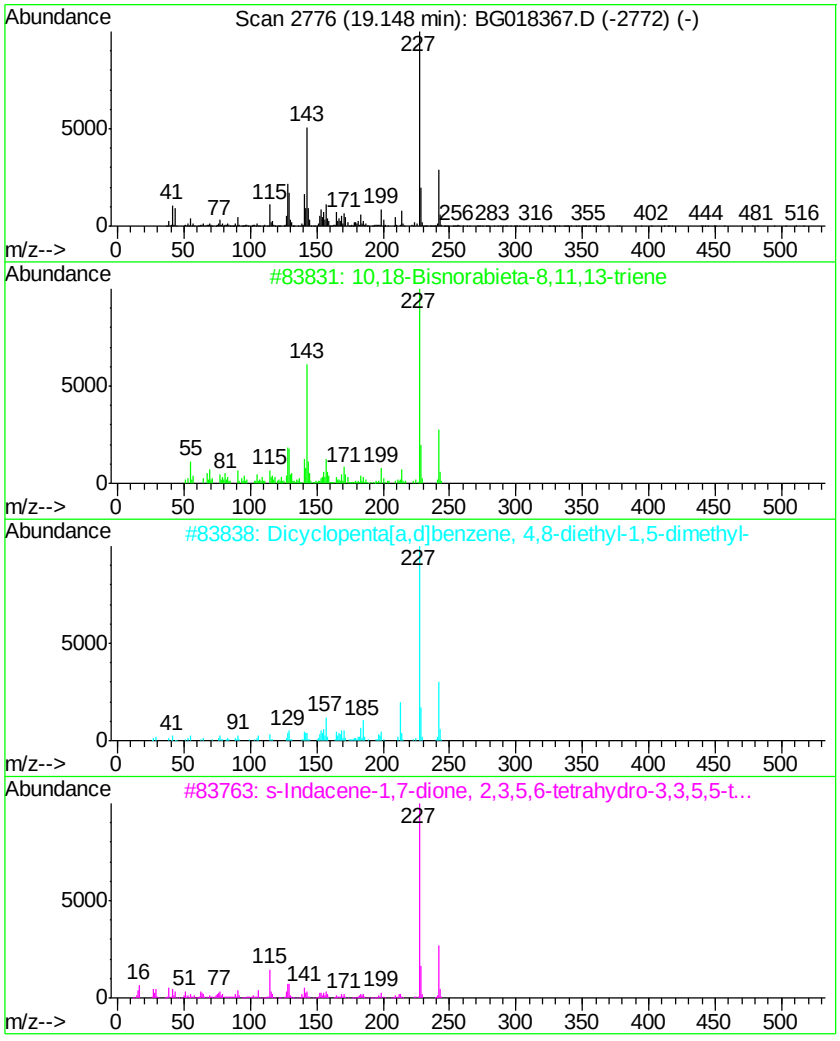
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

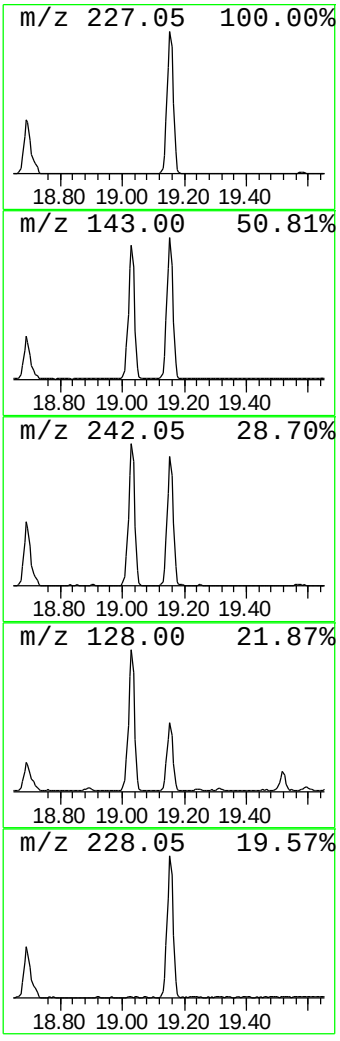
****

Peak Number 19 10,18-Bisnorabieta-8,11,13-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	38.70 ng/ul	4220450	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	94
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	90
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49
4	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	49
5	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	000084-79-7	46





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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

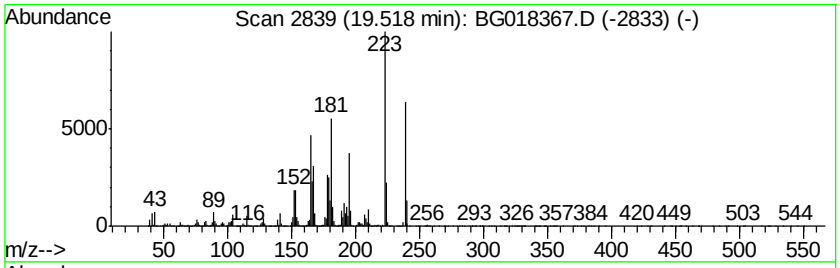
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

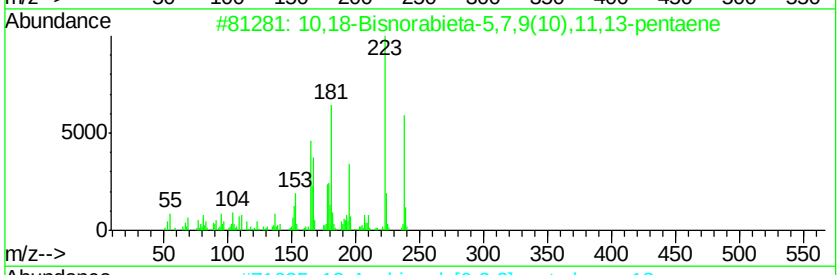
****

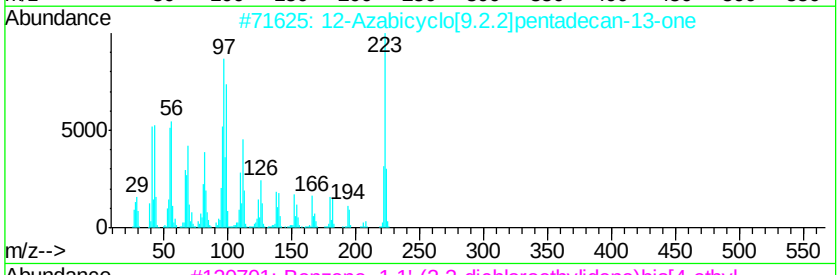
Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

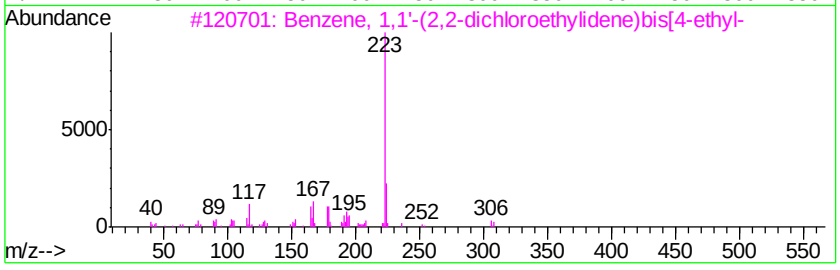
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	84.90 ng/ul	9258480	Phenanthrene-d10	17.40

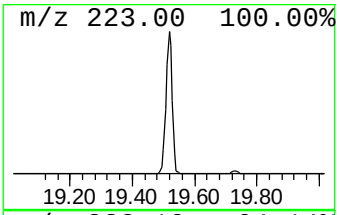
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	91
3	Benzene, 1,1'-(2,2-dichloroethyl...	306	C18H20Cl2	000072-56-0	60
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
5	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	49

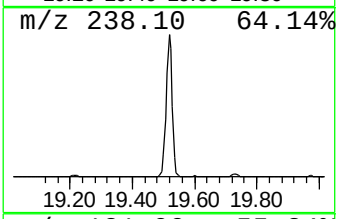


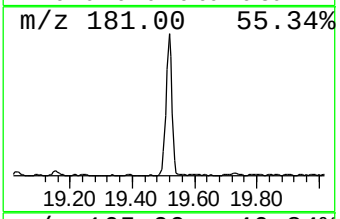


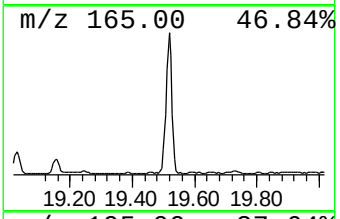


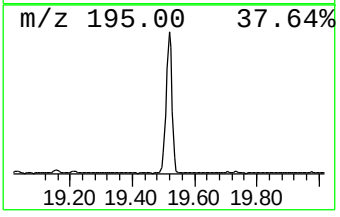












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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

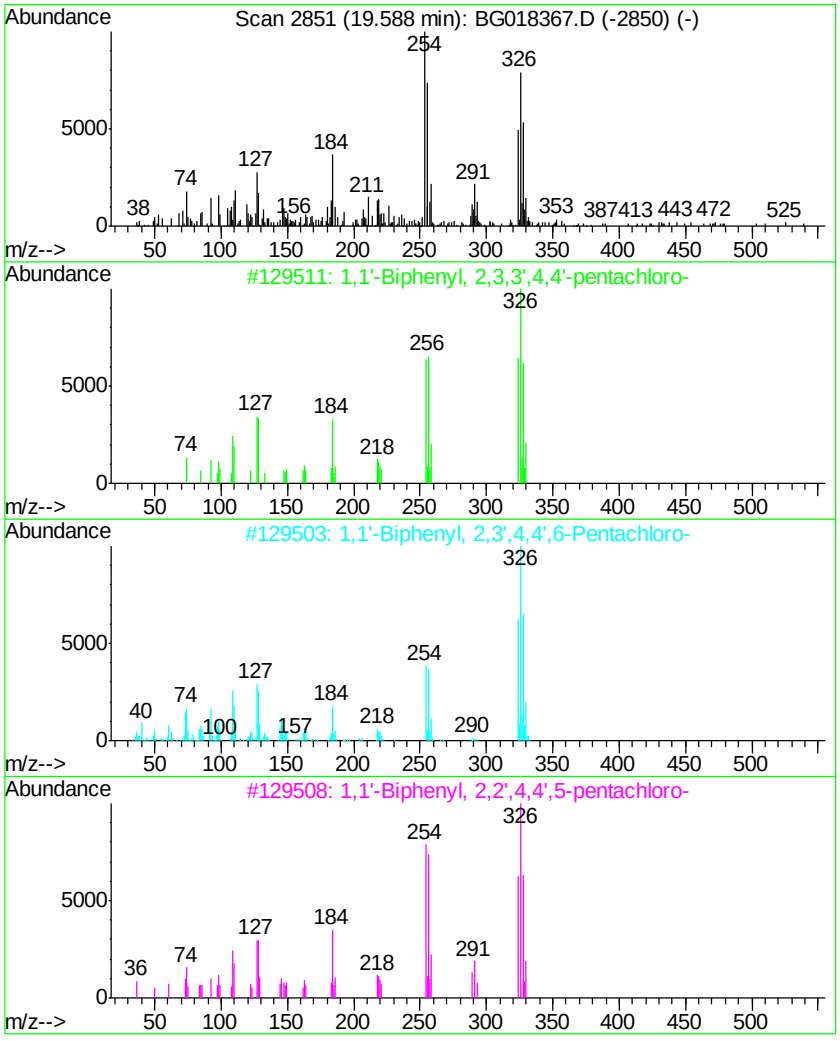
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

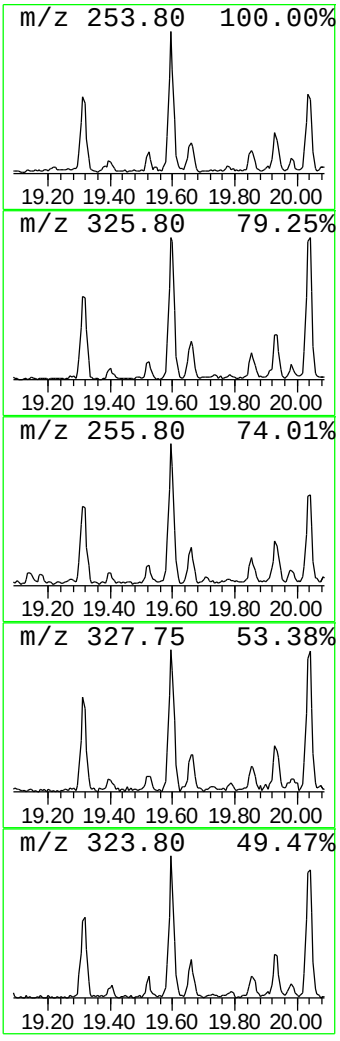
****

Peak Number 21 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.93 ng/ul	428420	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	94
2	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	94
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	94
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	94
5	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

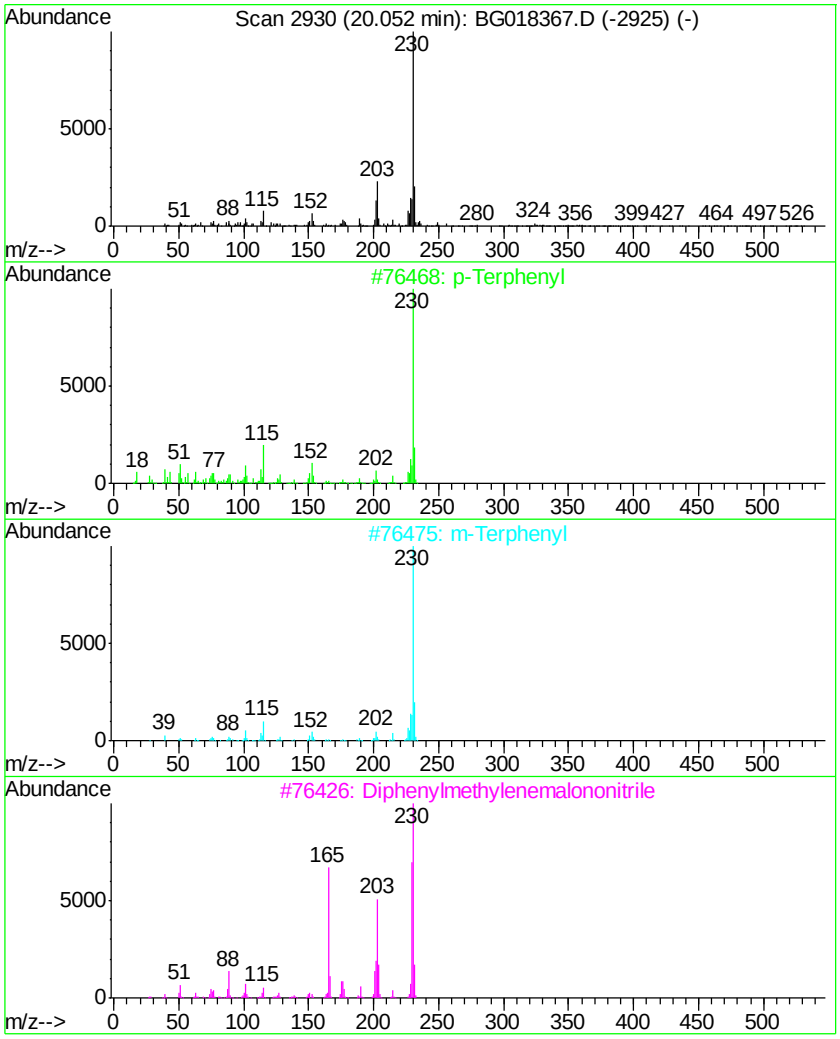
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

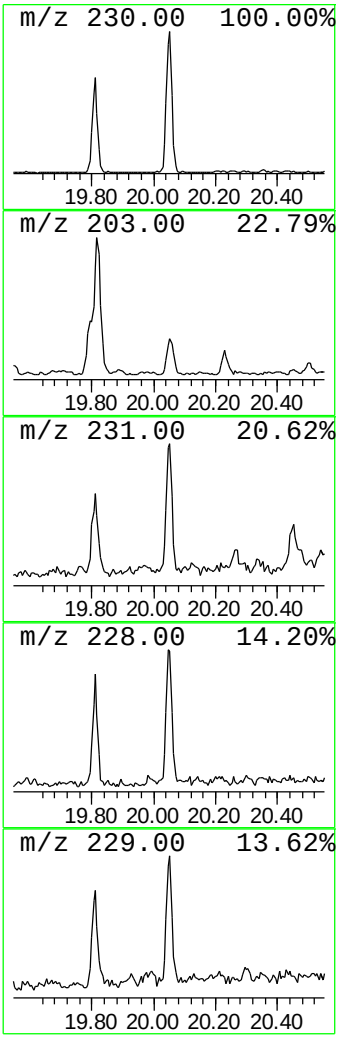
****

Peak Number 22 p-Terphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	4.75 ng/ul	694690	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Terphenyl	230	C18H14	000092-94-4	90
2	m-Terphenyl	230	C18H14	000092-06-8	83
3	Diphenylmethylenemalononitrile	230	C16H10N2	010394-96-4	64
4	p-Terphenyl	230	C18H14	000092-94-4	64
5	p-Terphenyl	230	C18H14	000092-94-4	64





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Acq On : 10 Aug 2015 23:28
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Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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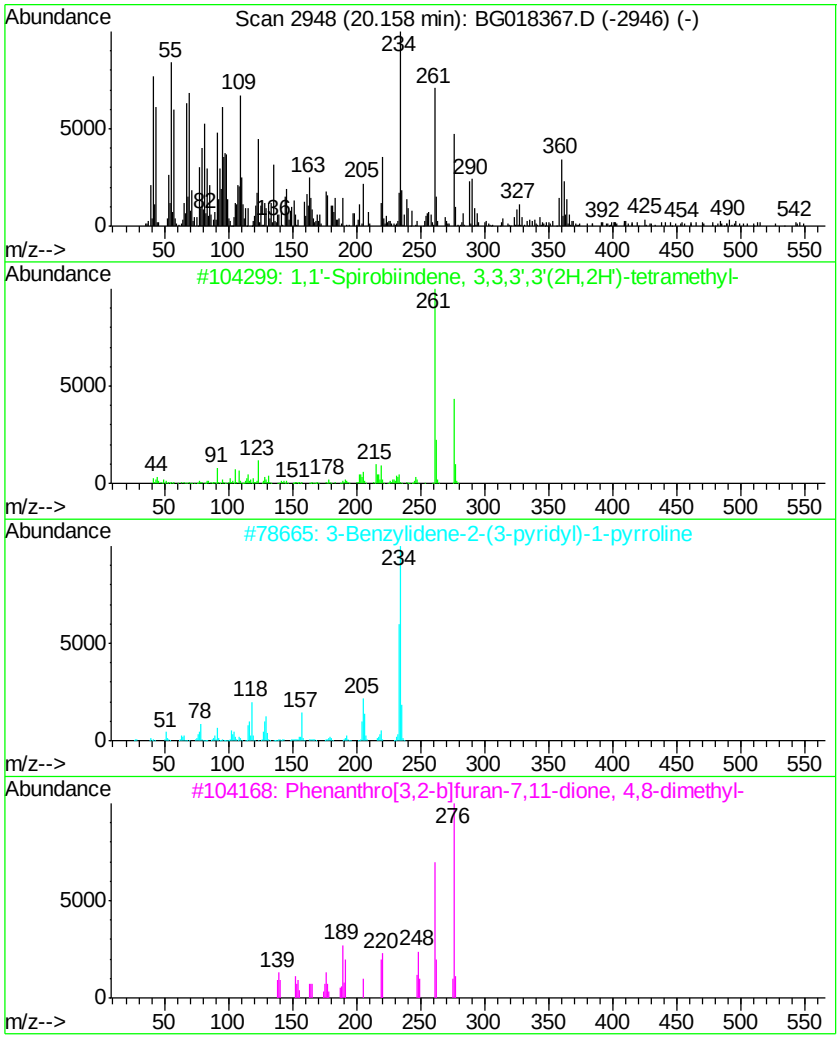
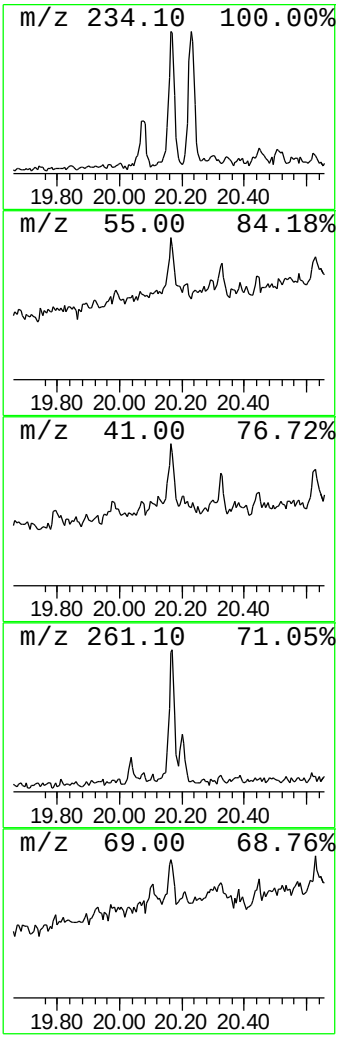
Peak Number 23 unknown-06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	4.21 ng/ul	615417	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Spirobiindene, 3,3,3',3'(2H...	276	C21H24	058343-29-6	38
2	3-Benzylidene-2-(3-pyridyl)-1-py...	234	C16H14N2	093013-30-0	25
3	Phenanthro[3,2-b]furan-7,11-dion...	276	C18H12O3	020958-17-2	25
4	Bicyclo[3.1.0]hexane, 1,6-diphenyl-	234	C18H18	056143-23-8	25
5	Propenoic acid, 3-[3,5-di-t-buty...	276	C17H24O3	1000130-26-8	20





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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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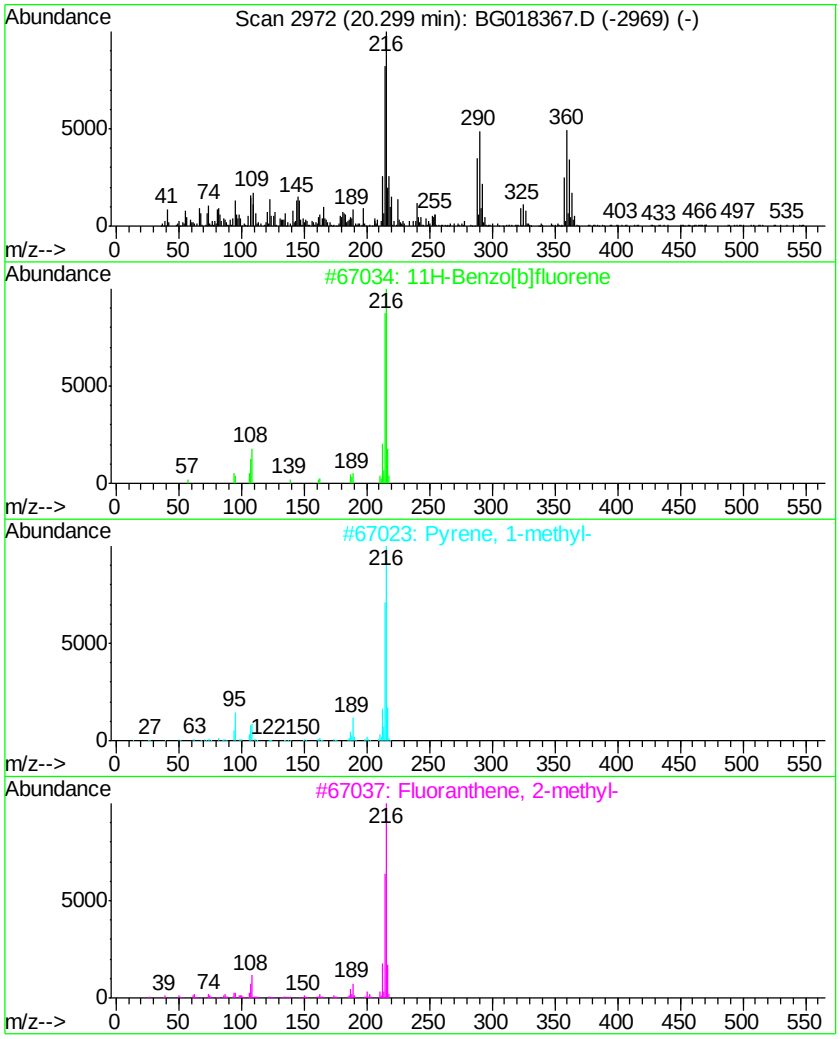
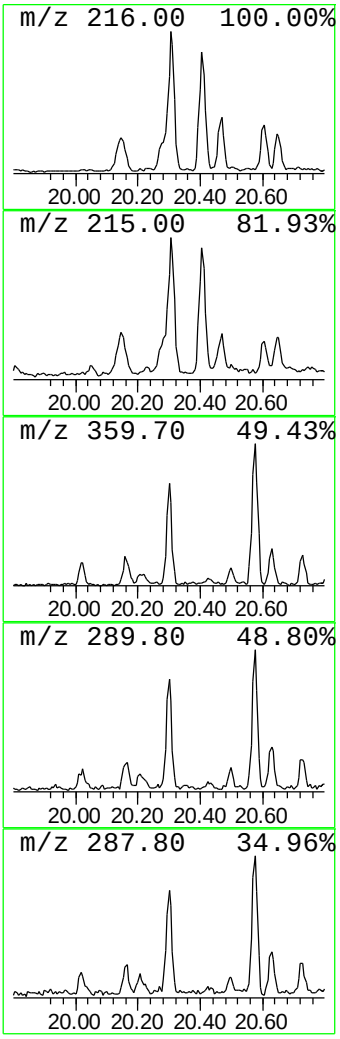
Peak Number 24 unknown-07 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	3.82 ng/ul	558398	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	46
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	46
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46





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Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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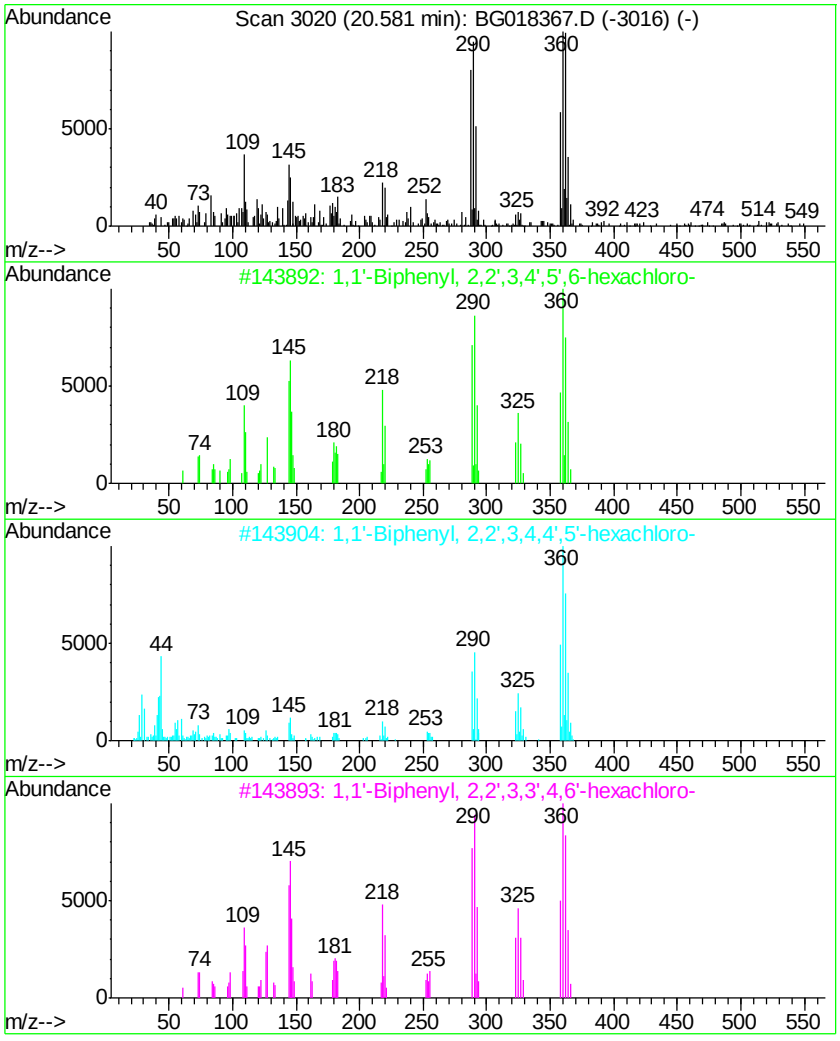
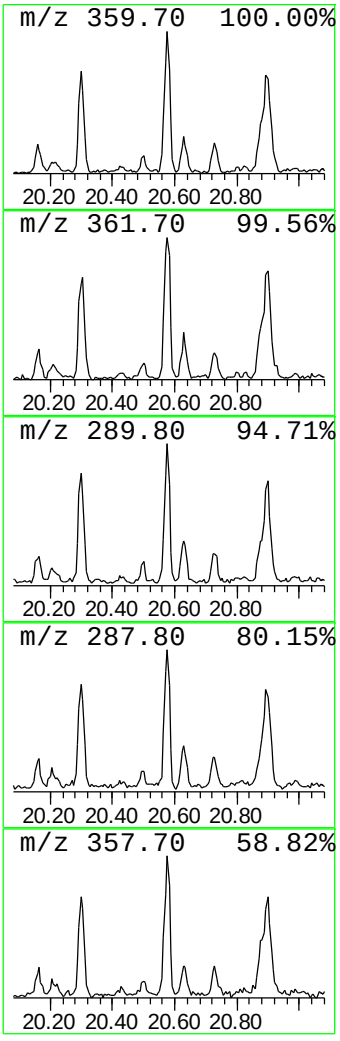
Peak Number 25 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	2.15 ng/ul	314838	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	94
3	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	94
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	94
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	94





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Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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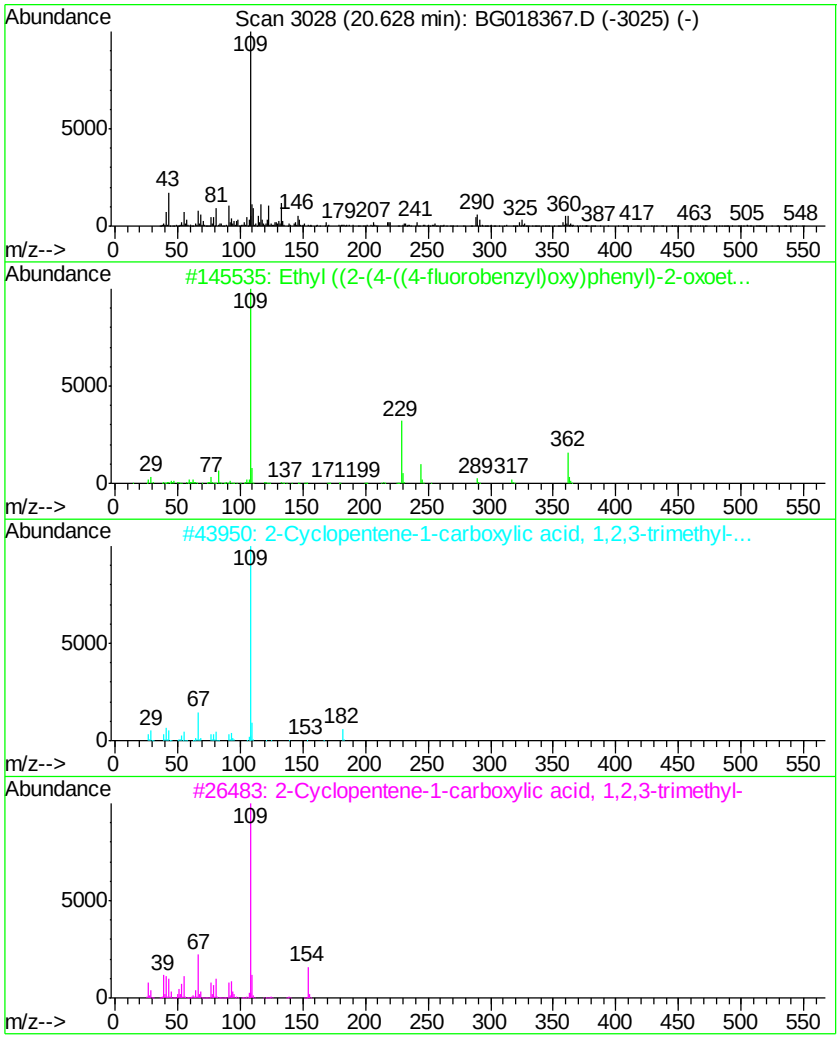
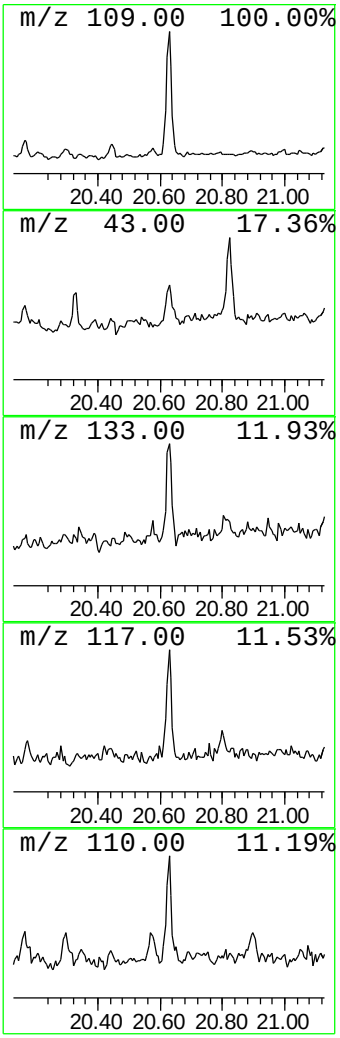
Peak Number 26 Ethyl ((2-(4-((4-fluorobenz... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	5.17 ng/ul	755523	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ((2-(4-((4-fluorobenzyl)ox...	362	C19H19FO4S	1000298-20-1	50
2	2-Cyclopentene-1-carboxylic acid...	182	C11H18O2	029915-95-5	47
3	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	47
4	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	47
5	8-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	113725-56-7	47





Library Search Compound Report

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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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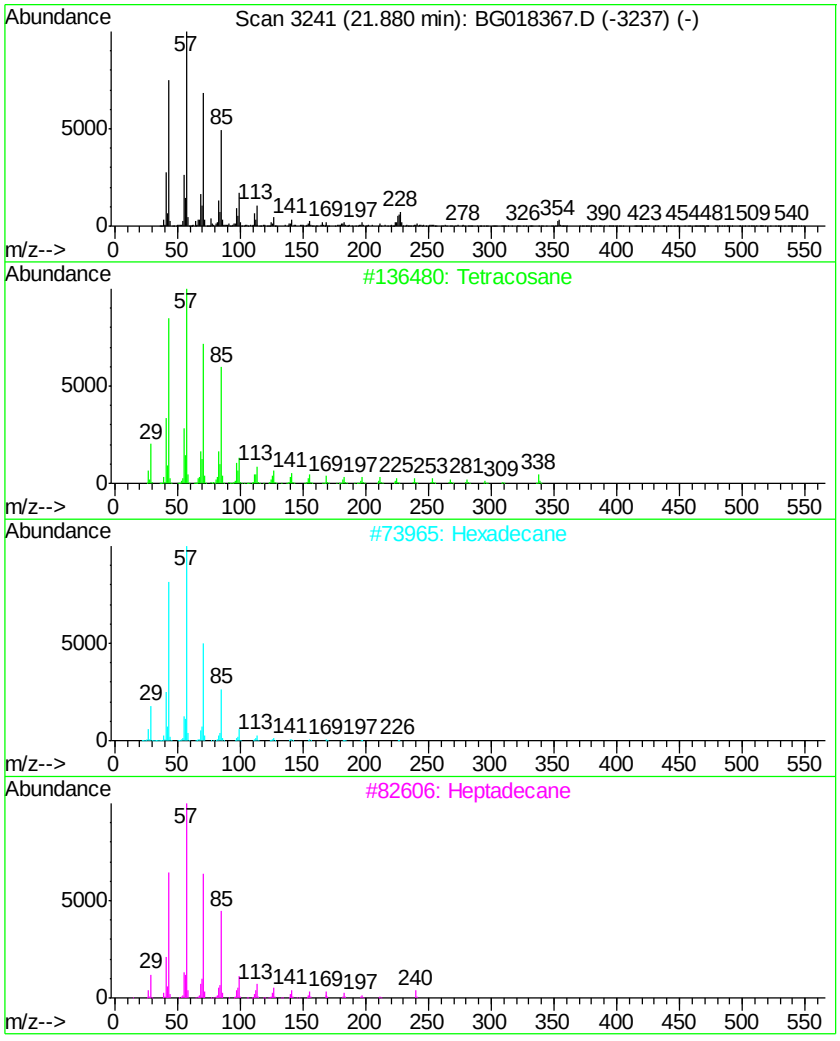
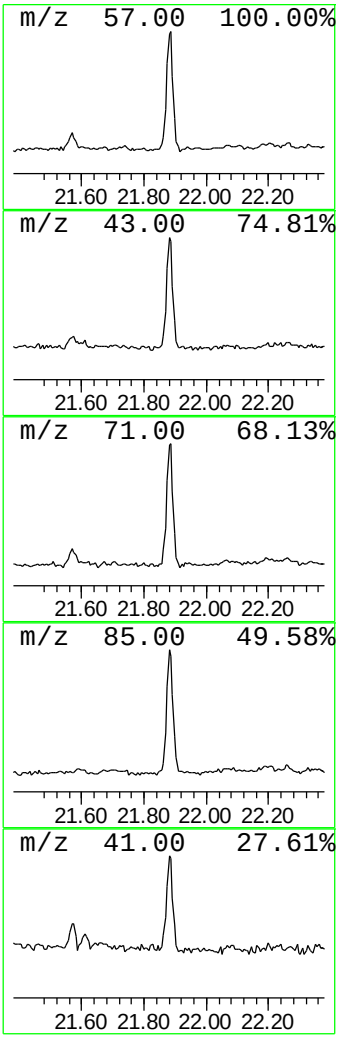
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	10.52 ng/ul	1538780	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Hexadecane	226	C16H34	000544-76-3	91





Library Search Compound Report

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Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
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Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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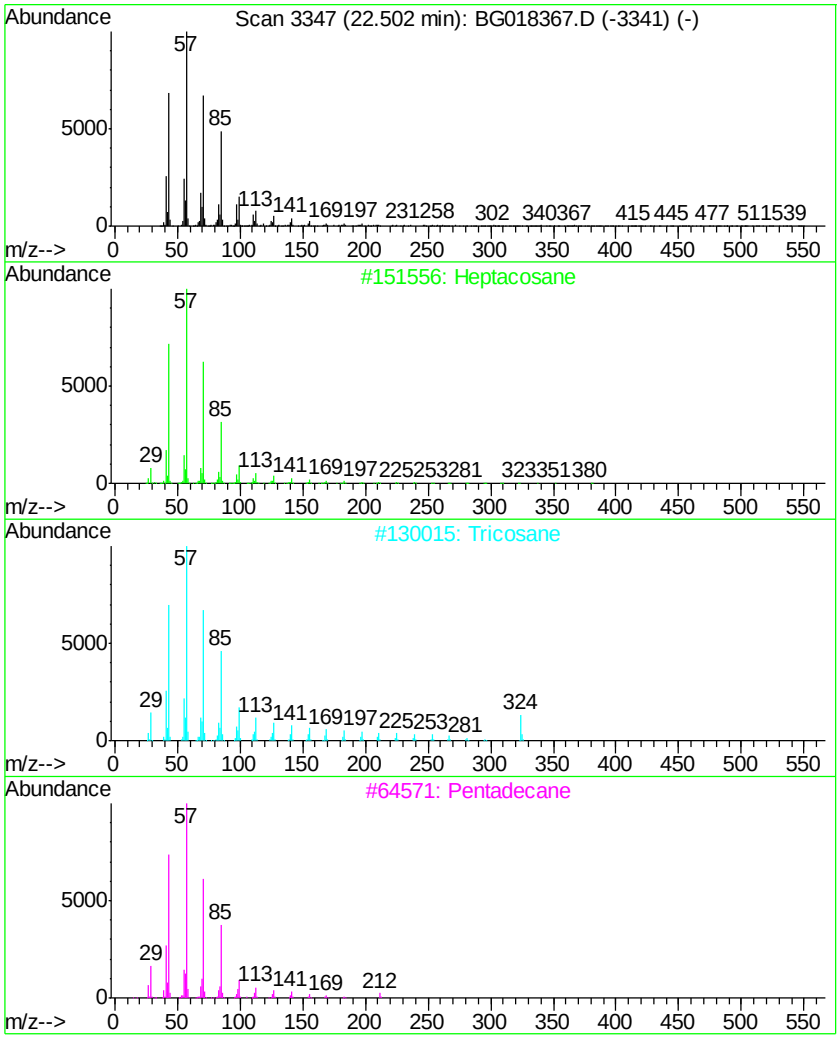
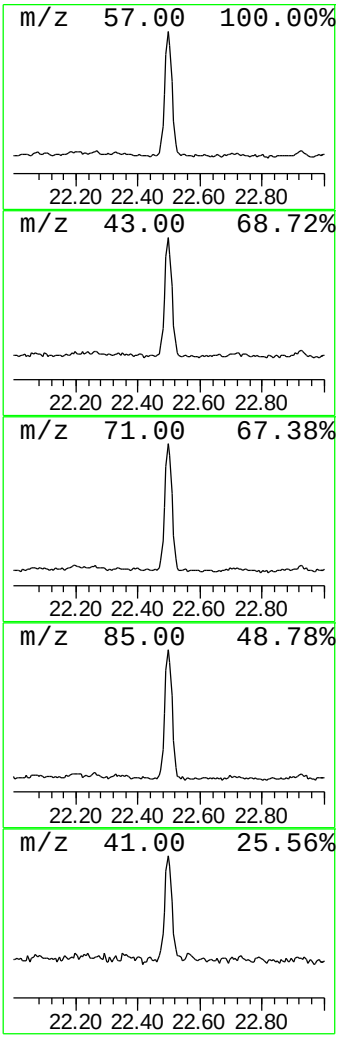
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	14.55 ng/ul	2128150	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Tricosane	324	C23H48	000638-67-5	94
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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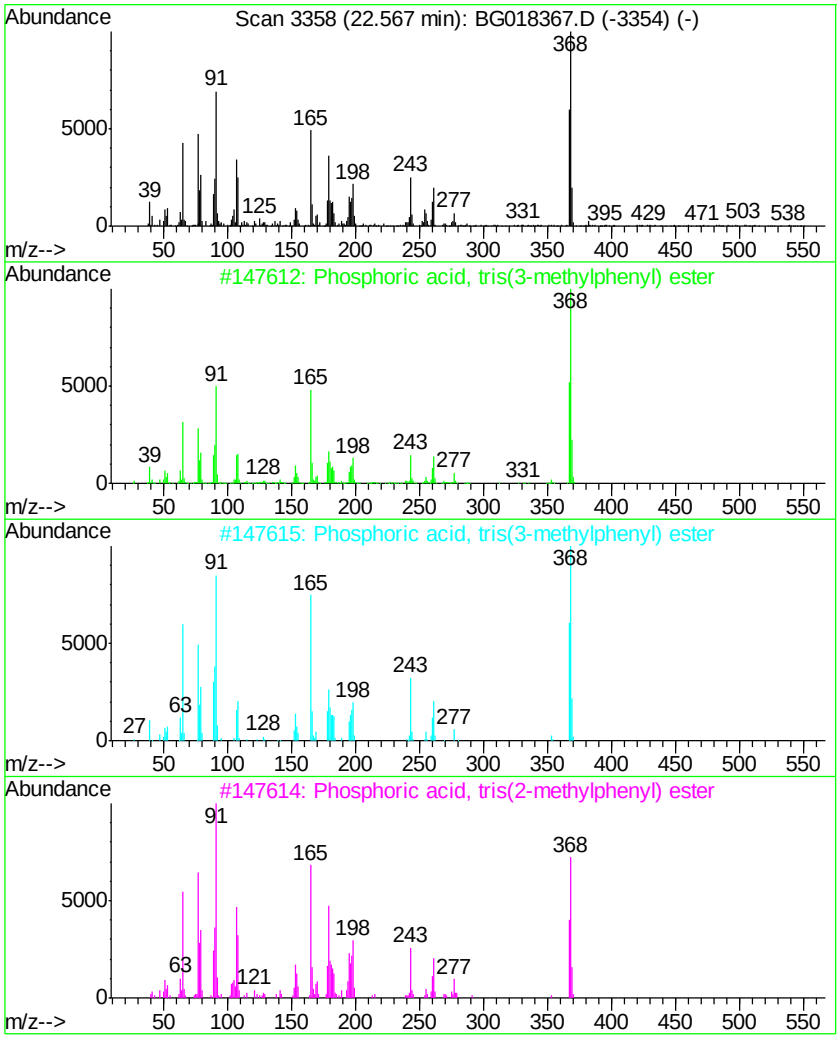
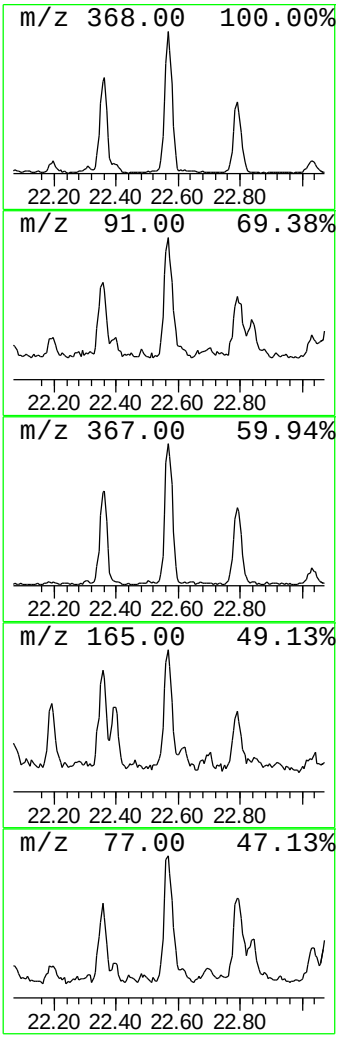
Peak Number 29 Phosphoric acid, tris(3-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	8.65 ng/ul	1265180	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
3	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	95
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	91
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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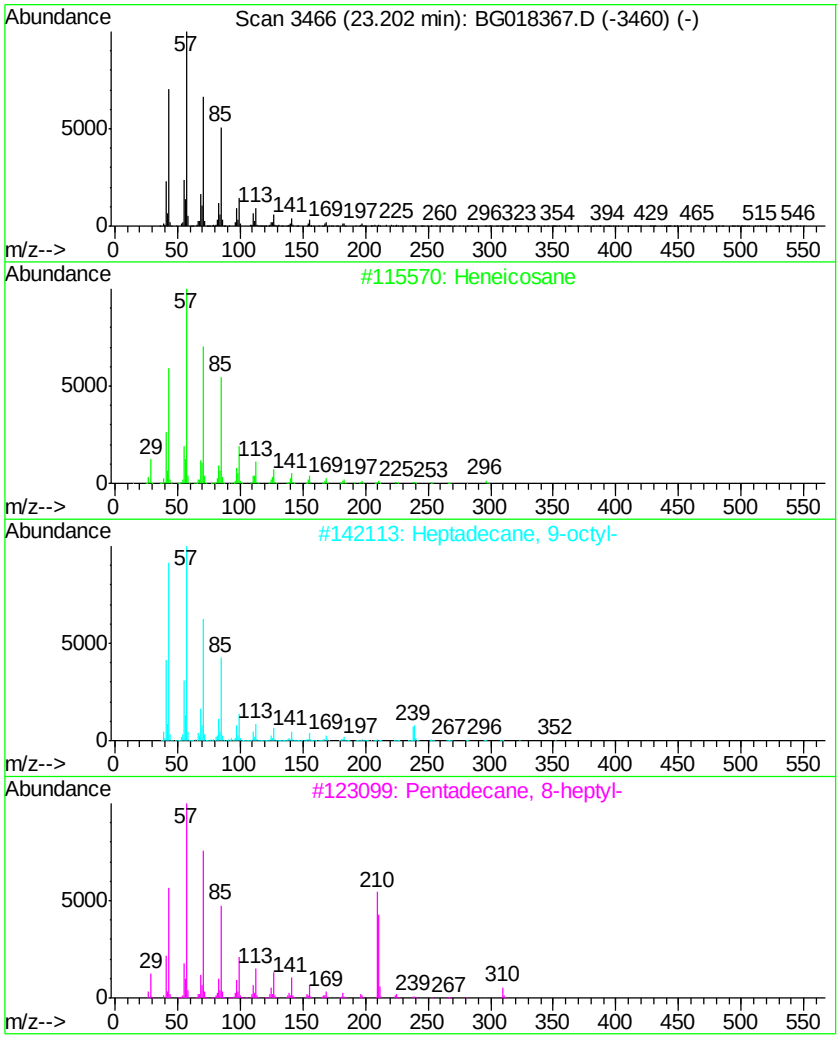
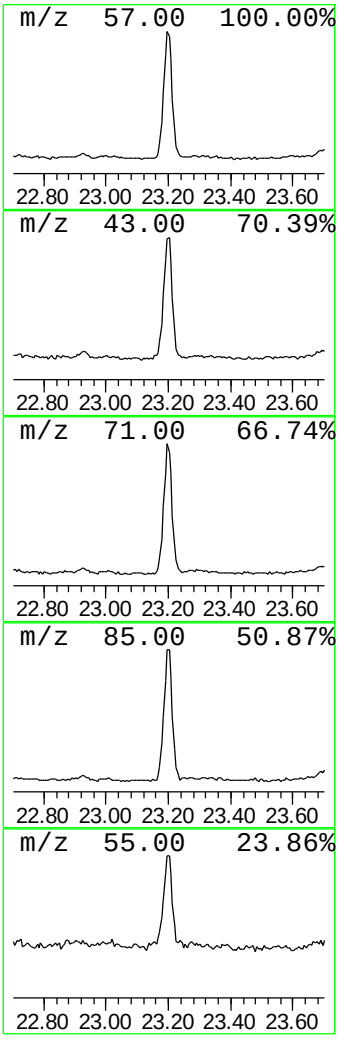
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	17.75 ng/ul	2596230	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	94
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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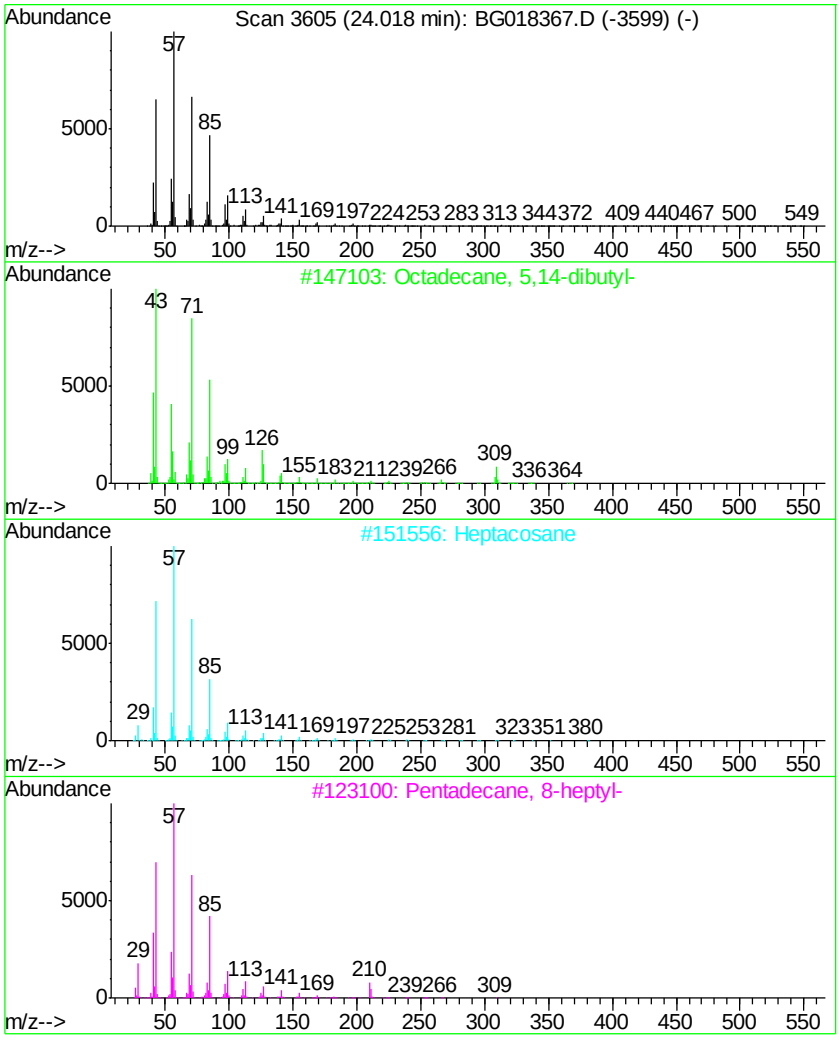
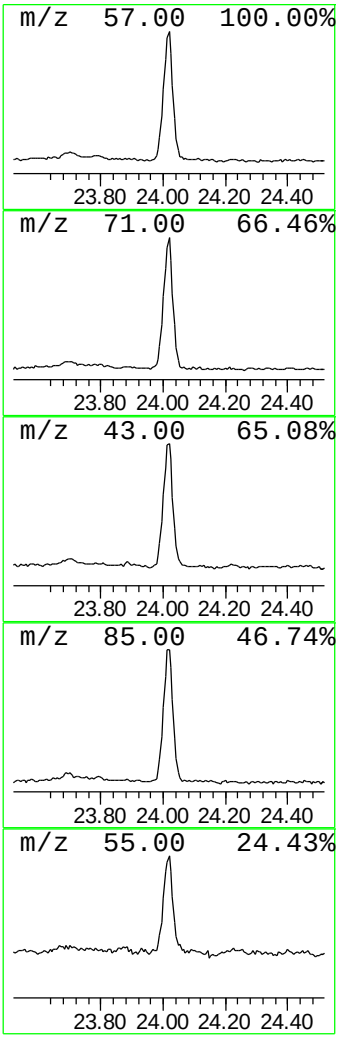
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	19.23 ng/ul	3429370	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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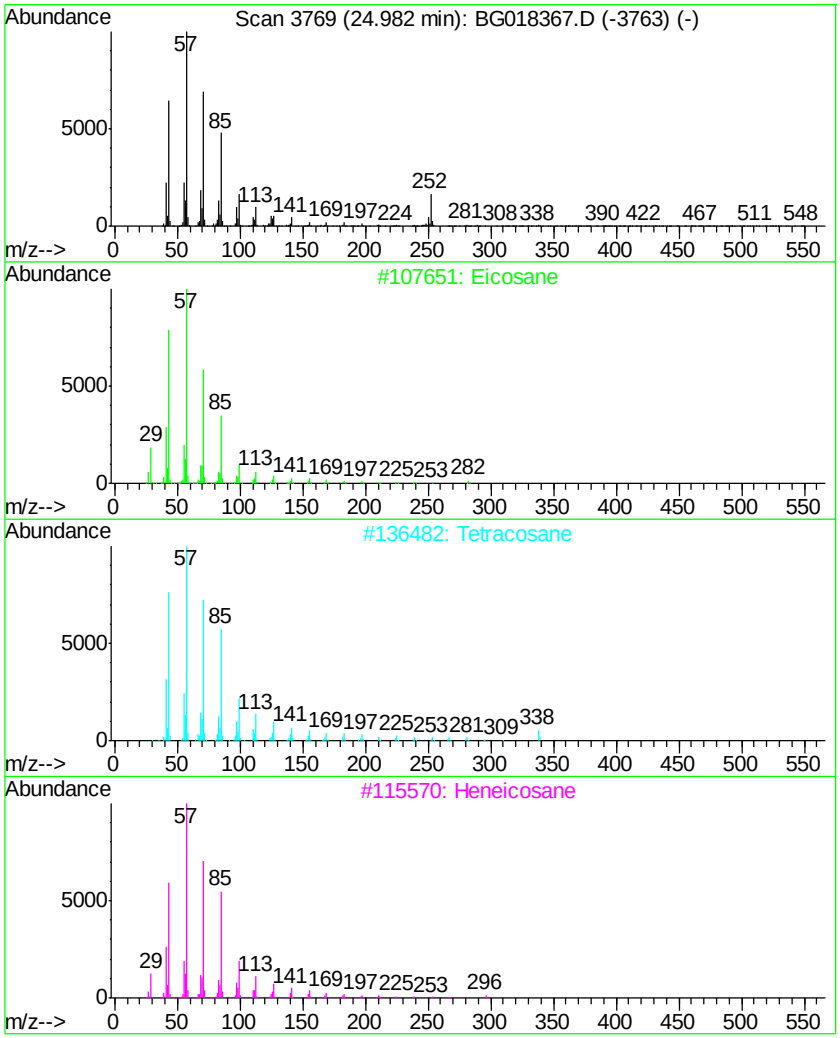
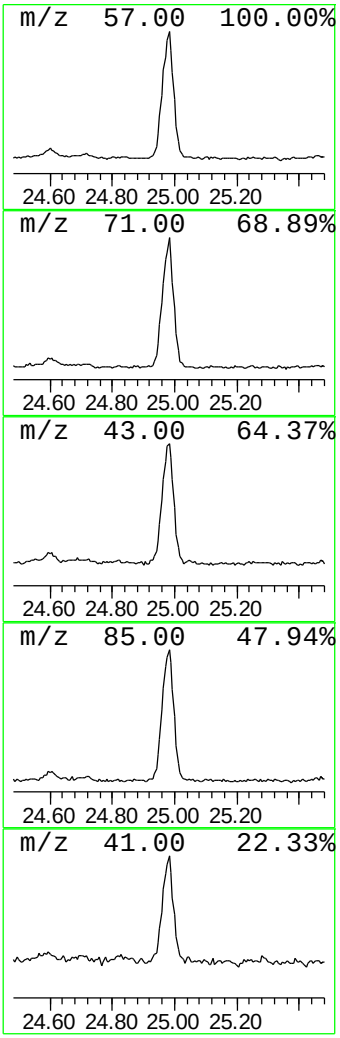
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	20.00 ng/ul	3565960	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

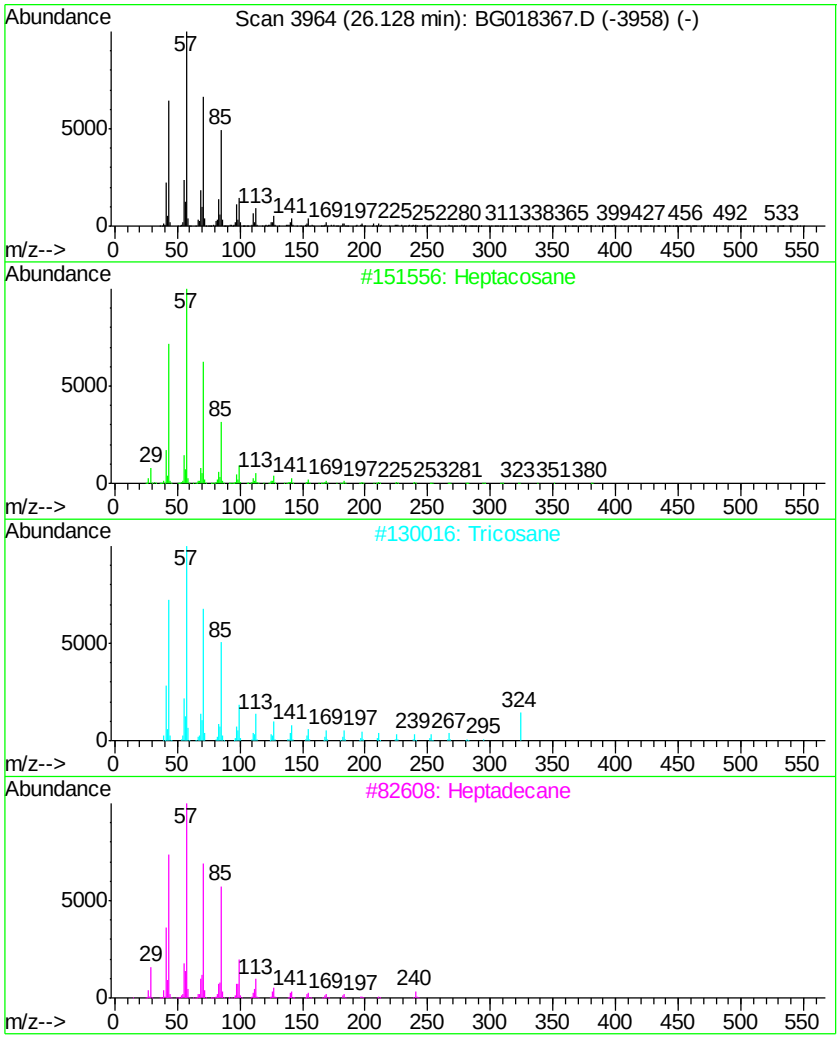
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

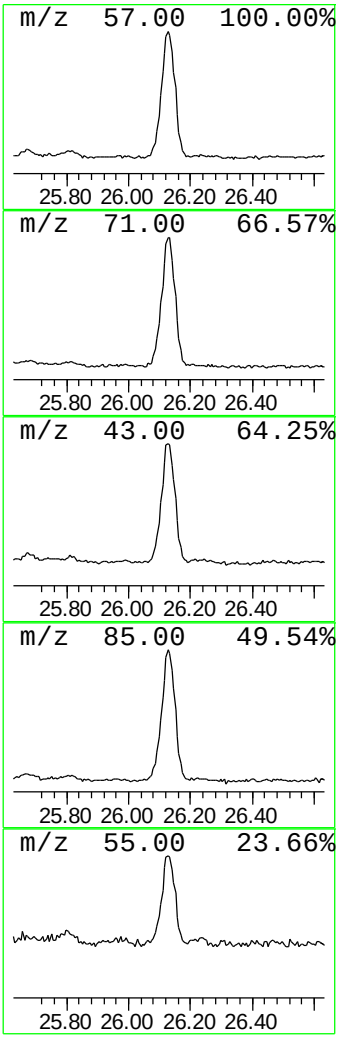
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	16.43 ng/ul	2930300	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Tricosane	324	C23H48	000638-67-5	95
3	Heptadecane	240	C17H36	000629-78-7	93
4	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
3-Buten-2-one, 3-...	3.17	2.1	ng/ul	88326	1	8.04	842157	20.0
unknown-01	3.99	2.9	ng/ul	120202	1	8.04	842157	20.0
Hexanoic acid	7.03	2.5	ng/ul	105829	1	8.04	842157	20.0
unknown-02	8.59	2.1	ng/ul	86649	1	8.04	842157	20.0
Naphthalene, 1,2-...	13.84	2.1	ng/ul	214394	3	14.66	2042310	20.0
Naphthalene, 2,7-...	13.98	2.3	ng/ul	237718	3	14.66	2042310	20.0
Naphthalene, 2,3,...	15.06	2.9	ng/ul	294532	3	14.66	2042310	20.0
3-Methyl-4-(metho...	16.40	5.1	ng/ul	552723	4	17.40	2181010	20.0
Dibenzothiophene	17.22	3.2	ng/ul	351414	4	17.40	2181010	20.0
Dibenzothiophene,...	17.98	2.3	ng/ul	246437	4	17.40	2181010	20.0
n-Hexadecanoic acid	18.30	8.8	ng/ul	964992	4	17.40	2181010	20.0
unknown-03	18.47	5.6	ng/ul	606931	4	17.40	2181010	20.0
unknown-04	18.53	8.2	ng/ul	889918	4	17.40	2181010	20.0
unknown-05	18.70	88.0	ng/ul	9597780	4	17.40	2181010	20.0
18-Norabietane	18.89	77.0	ng/ul	8401880	4	17.40	2181010	20.0
4b,8-Dimethyl-2-i...	19.03	118.8	ng/ul	12959100	4	17.40	2181010	20.0
10,18-Bisnorabiet...	19.15	38.7	ng/ul	4220450	4	17.40	2181010	20.0
10,18-Bisnorabiet...	19.52	84.9	ng/ul	9258480	4	17.40	2181010	20.0
1,1'-Biphenyl, 2,...	19.59	2.9	ng/ul	428420	5	21.67	2925420	20.0
p-Terphenyl	20.05	4.8	ng/ul	694690	5	21.67	2925420	20.0
unknown-06	20.16	4.2	ng/ul	615417	5	21.67	2925420	20.0
unknown-07	20.30	3.8	ng/ul	558398	5	21.67	2925420	20.0
1,1'-Biphenyl, 2,...	20.58	2.1	ng/ul	314838	5	21.67	2925420	20.0
Ethyl ((2-(4-((4-...	20.63	5.2	ng/ul	755523	5	21.67	2925420	20.0
(DEL) Alkane: Str...	21.88	10.5	ng/ul	1538780	5	21.67	2925420	20.0
(DEL) Alkane: Str...	22.50	14.6	ng/ul	2128150	5	21.67	2925420	20.0
Phosphoric acid, ...	22.57	8.7	ng/ul	1265180	5	21.67	2925420	20.0
(DEL) Alkane: Str...	23.20	17.8	ng/ul	2596230	5	21.67	2925420	20.0
(DEL) Alkane: Str...	24.02	19.2	ng/ul	3429370	6	24.91	3565960	20.0
(DEL) Alkane: Str...	24.98	20.0	ng/ul	3565960	6	24.91	3565960	20.0
(DEL) Alkane: Str...	26.13	16.4	ng/ul	2930300	6	24.91	3565960	20.0