LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

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_M\Methods\SOM01.2-EPA-BM041515.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	2.781	12	16	23	rVB	334703	493791	4.81%	0.551%
2	6.257	601	607	614	rVB	149499	233228	2.27%	0.260%
3	6.757	683	692	703	rBV	855015	1332891	12.98%	1.487%
4	6.916	714	719	729	rVB	649937	1004615	9.78%	1.121%
5	7.110	744	752	760	rVV	851770	1359366	13.23%	1.517%
6	7.575	823	831	839	rBV	883195	1402003	13.65%	1.564%
7	7.792	861	868	874	rBV2	69516	113084	1.10%	0.126%
8	8.292	947	953	960	rVV	992199	1545812	15.05%	1.725%
9	8.728	1020	1027	1037	rBV	796895	1292396	12.58%	1.442%
10	9.445	1140	1149	1156	rBV	627269	1059068	10.31%	1.182%
11	9.675	1181	1188	1194	rVV6	47574	100713	0.98%	0.112%
12	9.986	1234	1241	1254	rVB	982023	1598939	15.57%	1.784%
13	10.139	1260	1267	1274	rBV4	45908	91748	0.89%	0.102%
14	10.357	1296	1304	1312	rVB	1220112	1988884	19.36%	2.219%
15	10.504	1324	1329	1340	rVV2	45716	95147	0.93%	0.106%
16	11.727	1532	1537	1545	rVB	88039	150649	1.47%	0.168%
17	12.986	1740	1751	1756	rBV7	44498	96160	0.94%	0.107%
18	13.110	1767	1772	1777	rVV2	185875	316558	3.08%	0.353%
19	13.404	1816	1822	1827	rBV3	59096	96486	0.94%	0.108%
20	13.569	1843	1850	1857	rVV4	79333	196089	1.91%	0.219%
21	13.651	1857	1864	1869	rVV	1576982	2420801	23.57%	2.701%
22	13.692	1869	1871	1879	rVV	238575	348138	3.39%	0.388%
23	13.833	1890	1895	1900	rVB	119141	168756	1.64%	0.188%
24	13.921	1900	1910	1920	rBV	1613005	2468832	24.04%	2.755%
25	14.092	1929	1939	1945	rBV4	162144	395162	3.85%	0.441%
26	14.192	1951	1956	1959	rVV	323703	475562	4.63%	0.531%
27	14.233	1959	1963	1970	rVV2	1589205	2456426	23.91%	2.741%
28	14.304	1970	1975	1982	rVV7	67522	116191	1.13%	0.130%
29	14.457	1995	2001	2005	rBV	665826	1026316	9.99%	1.145%
30	14.598	2021	2025	2029	rVB3	64835	89058	0.87%	0.099%
31	14.886	2070	2074	2084	rVB7	84100	167628	1.63%	0.187%
32	15.015	2092	2096	2101	rBV	71866	100254	0.98%	0.112%
33	15.104	2106	2111	2115	rBV2	180903	244660	2.38%	0.273%
34	15.151	2115	2119	2123	rBV2	104087	123837	1.21%	0.138%

LSC Area Percent Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

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_M\Methods\SOM01.2-EPA-BM041515.M
Title : SVOA CALIBRATION

35	15.233	2127	2133	2139	rVB	1967506	2737065	26.65%	3.054%
36	15.363	2150	2155	2160	rBV	368734	500057	4.87%	0.558%
37	15.468	2169	2173	2179	rVB5	156187	231879	2.26%	0.259%
38	15.621	2182	2199	2203	rBV4	263858	618666	6.02%	0.690%
39	15.692	2207	2211	2214	rBV	136368	187449	1.82%	0.209%
40	15.721	2214	2216	2222	rVB6	65193	90905	0.88%	0.101%
41	15.815	2224	2232	2237	rVB5	87460	180974	1.76%	0.202%
42	15.886	2237	2244	2248	rBV3	163459	254555	2.48%	0.284%
43	15.962	2253	2257	2264	rVB	71062	104239	1.01%	0.116%
44	16.039	2265	2270	2274	rBV5	54074	90261	0.88%	0.101%
45	16.086	2274	2278	2281	rBV4	71557	105971	1.03%	0.118%
46	16.145	2281	2288	2293	rVB4	163007	314579	3.06%	0.351%
47	16.298	2310	2314	2318	rVV2	72604	108365	1.05%	0.121%
48	16.386	2323	2329	2334	rBV	792799	1145364	11.15%	1.278%
49	16.557	2355	2358	2362	rVB5	58791	85926	0.84%	0.096%
50	16.651	2370	2374	2379	rVB8	61398	121829	1.19%	0.136%
51	16.709	2379	2384	2388	rBV3	161154	235899	2.30%	0.263%
52	16.804	2397	2400	2404	rBV4	88600	123470	1.20%	0.138%
53	16.986	2425	2431	2435	rBV	1861516	2661596	25.91%	2.970%
54	17.027	2435	2438	2443	rVB	801527	1108101	10.79%	1.237%
55	17.080	2443	2447	2451	rBV2	1785563	2477104	24.12%	2.764%
56	17.274	2477	2480	2485	rVB3	154687	197317	1.92%	0.220%
57	17.492	2513	2517	2520	rBV5	54835	100692	0.98%	0.112%
58	17.662	2541	2546	2549	rBV5	71468	104230	1.01%	0.116%
59	17.774	2561	2565	2571	rVV5	179049	332518	3.24%	0.371%
60	17.833	2571	2575	2577	rVV2	310897	440240	4.29%	0.491%
61	17.856	2577	2579	2581	rVV2	263334	318097	3.10%	0.355%
62	17.886	2581	2584	2597	rVB2	1222021	2075819	20.21%	2.316%
63	17.986	2598	2601	2603	rBV	62397	83507	0.81%	0.093%
64	18.015	2603	2606	2608	rVB2	83866	84069	0.82%	0.094%
65	18.051	2608	2612	2617	rBV2	253492	379467	3.69%	0.423%
66	18.180	2629	2634	2636	rBV4	98628	165787	1.61%	0.185%
67	18.215	2636	2640	2647	rVB	949065	1244307	12.11%	1.389%
68	18.315	2653	2657	2661	rBV2	215930	300253	2.92%	0.335%
69	18.362	2663	2665	2670	rVB	109277	126927	1.24%	0.142%
70	18.562	2695	2699	2704	rBV8	73858	134092	1.31%	0.150%
71	18.662	2712	2716	2719	rBV6	53264	87939	0.86%	0.098%

LSC Area Percent Report

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Misc :
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Integration Parameters: LSCINT.P
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Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Title : SVOA CALIBRATION

72	18.886	2750	2754	2757	rBV3	323189	380035	3.70%	0.424%
73	19.051	2775	2782	2787	rBV	1812082	2494607	24.29%	2.784%
74	19.174	2800	2803	2811	rVB	369744	515762	5.02%	0.576%
75	19.286	2818	2822	2826	rBV3	201444	280045	2.73%	0.312%
76	19.386	2832	2839	2842	rBV2	2130820	3275363	31.89%	3.655%
77	19.415	2842	2844	2853	rVV	1396687	1641029	15.98%	1.831%
78	19.492	2853	2857	2864	rVB2	104689	180226	1.75%	0.201%
79	19.598	2869	2875	2880	rVB	110227	181262	1.76%	0.202%
80	19.750	2895	2901	2905	rBV4	100197	252160	2.45%	0.281%
81	19.798	2905	2909	2913	rVV3	185861	231341	2.25%	0.258%
82	19.909	2924	2928	2933	rVB2	485449	631129	6.14%	0.704%
83	20.015	2942	2946	2950	rBV	298109	357075	3.48%	0.398%
84	20.098	2952	2960	2967	rVB4	481759	973840	9.48%	1.087%
85	20.268	2984	2989	2996	rBV3	488299	771379	7.51%	0.861%
86	20.474	3021	3024	3028	rBV5	148820	200339	1.95%	0.224%
87	20.592	3038	3044	3055	rBV	5951353	10271812	100.00%	11.462%
88	20.897	3088	3096	3103	rBV5	1821588	2775537	27.02%	3.097%
89	21.186	3138	3145	3148	rBV2	2496052	4191241	40.80%	4.677%
90	21.221	3148	3151	3158	rVB	891672	1211897	11.80%	1.352%
91	21.339	3168	3171	3175	rBV2	246006	322736	3.14%	0.360%
92	21.780	3241	3246	3253	rVB4	320719	604748	5.89%	0.675%
93	21.980	3277	3280	3285	rVB	469929	558822	5.44%	0.624%
94	22.386	3346	3349	3355	rVB	273854	372994	3.63%	0.416%
95	22.697	3397	3402	3407	rBV2	1248311	2425031	23.61%	2.706%
96	23.168	3479	3482	3486	rVB2	259915	334246	3.25%	0.373%
97	23.221	3486	3491	3495	rBV2	961432	1637174	15.94%	1.827%
98	23.356	3508	3514	3519	rBV	1588123	2891277	28.15%	3.226%
99	23.850	3592	3598	3605	rVB	1548984	2820777	27.46%	3.148%
100	26.268	4003	4009	4018	rVB5	763430	2002042	19.49%	2.234%

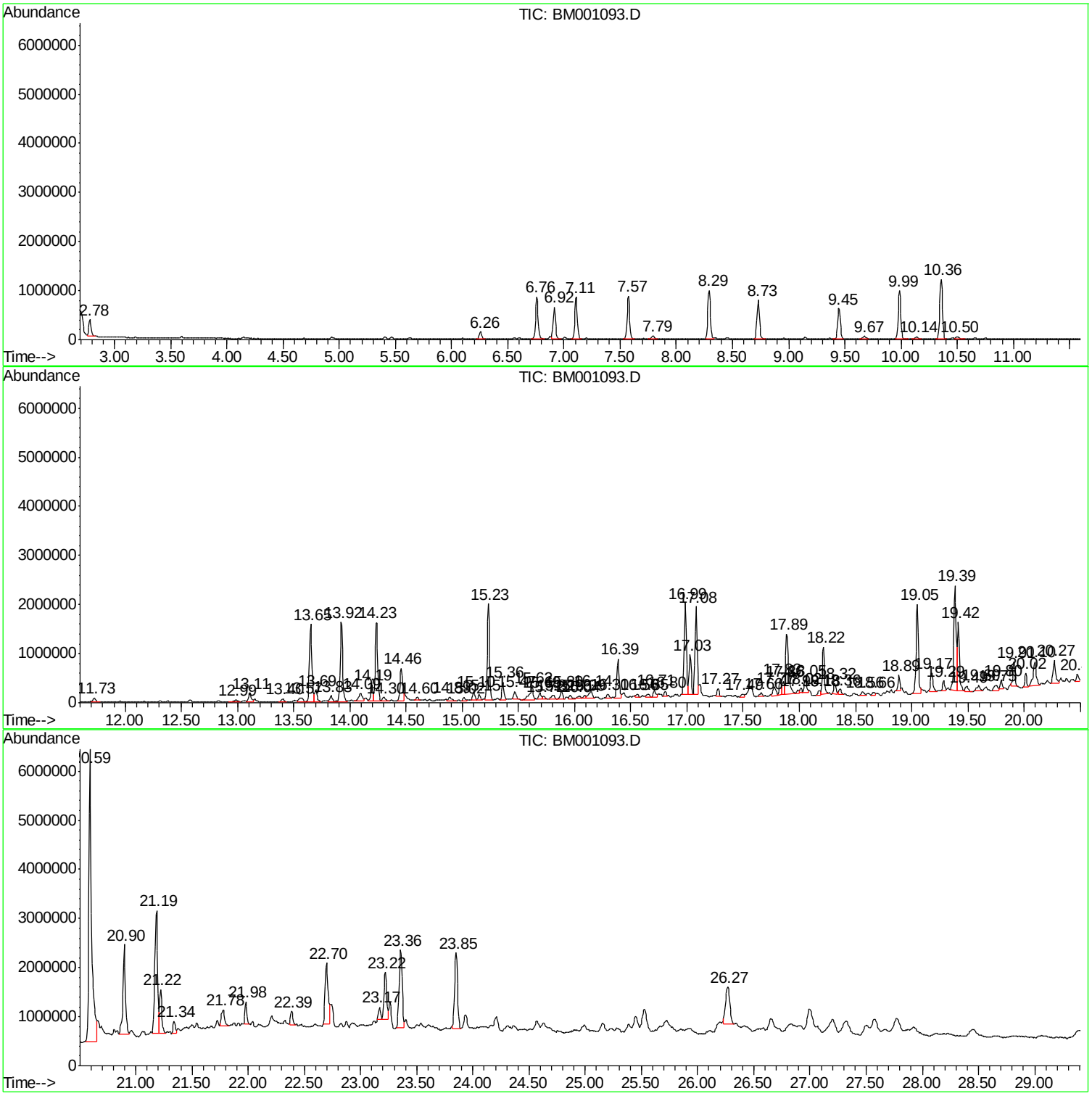
Sum of corrected areas: 89614689

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

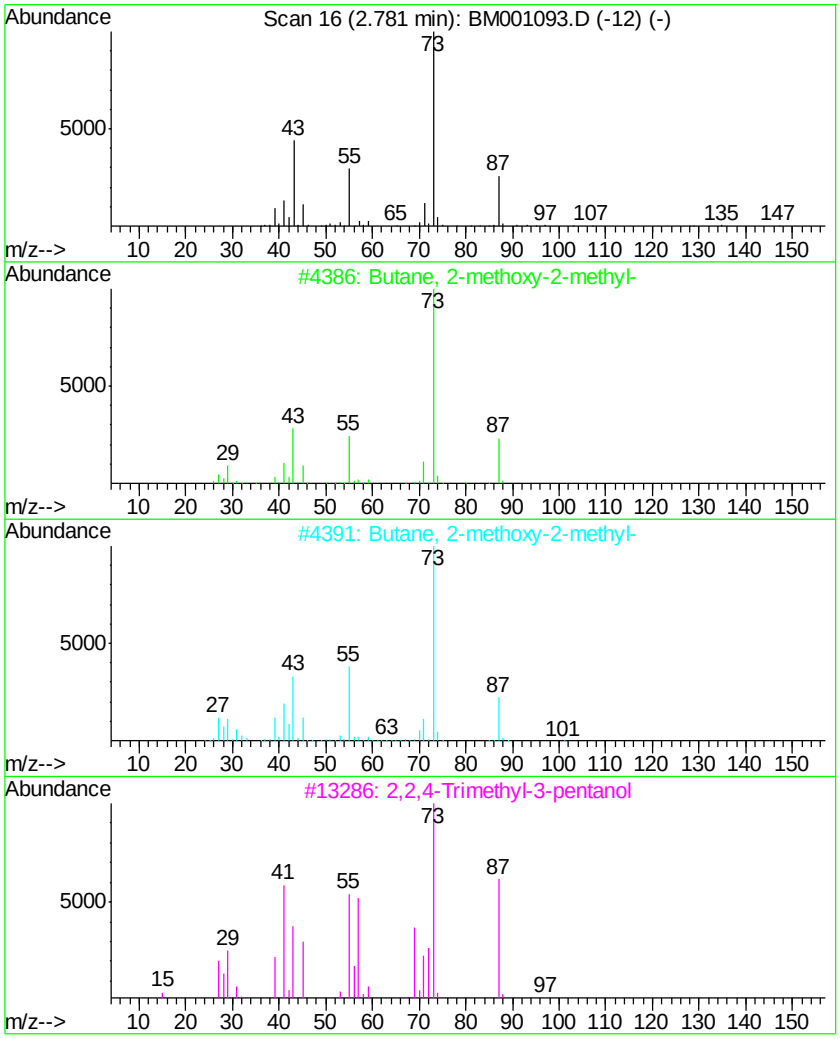
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

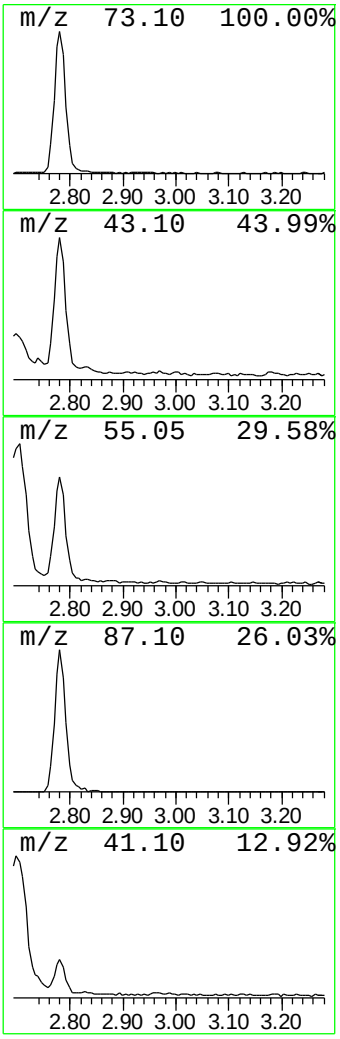
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	7.04 ng/ul	493791	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

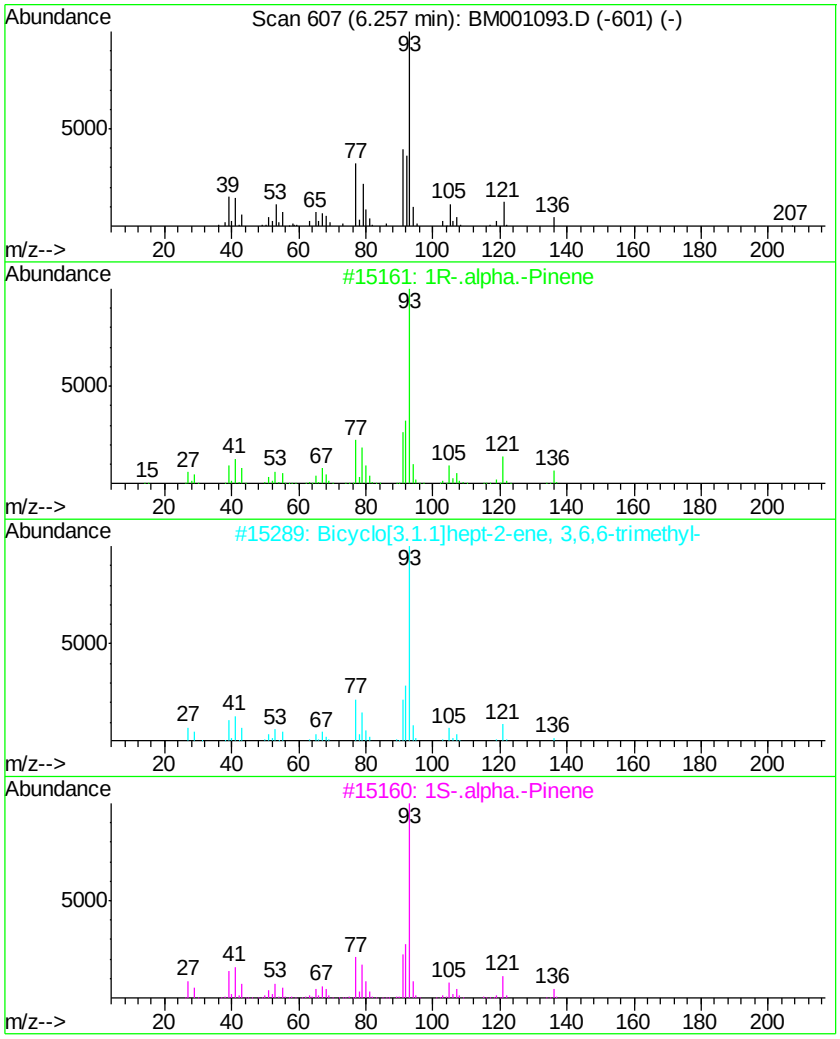
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

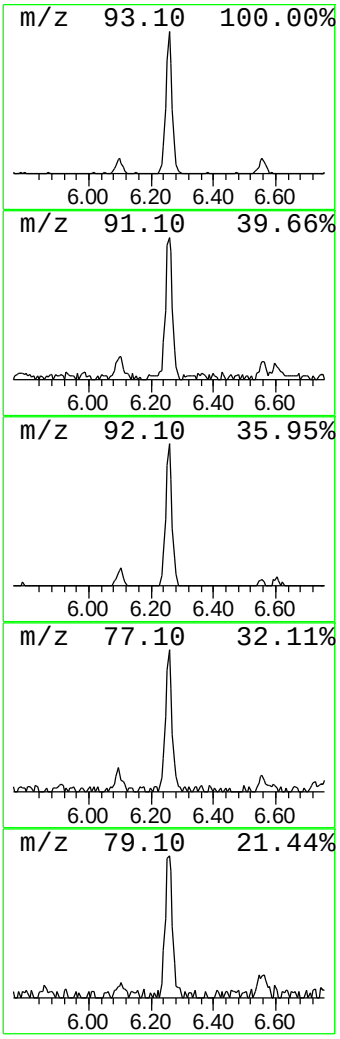
****

Peak Number 2 1R-.alpha.-Pinene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	3.33 ng/ul	233228	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	1S-.alpha.-Pinene	136	C10H16	007785-26-4	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	90
5	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	89





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Quant Title : SVOA CALIBRATION

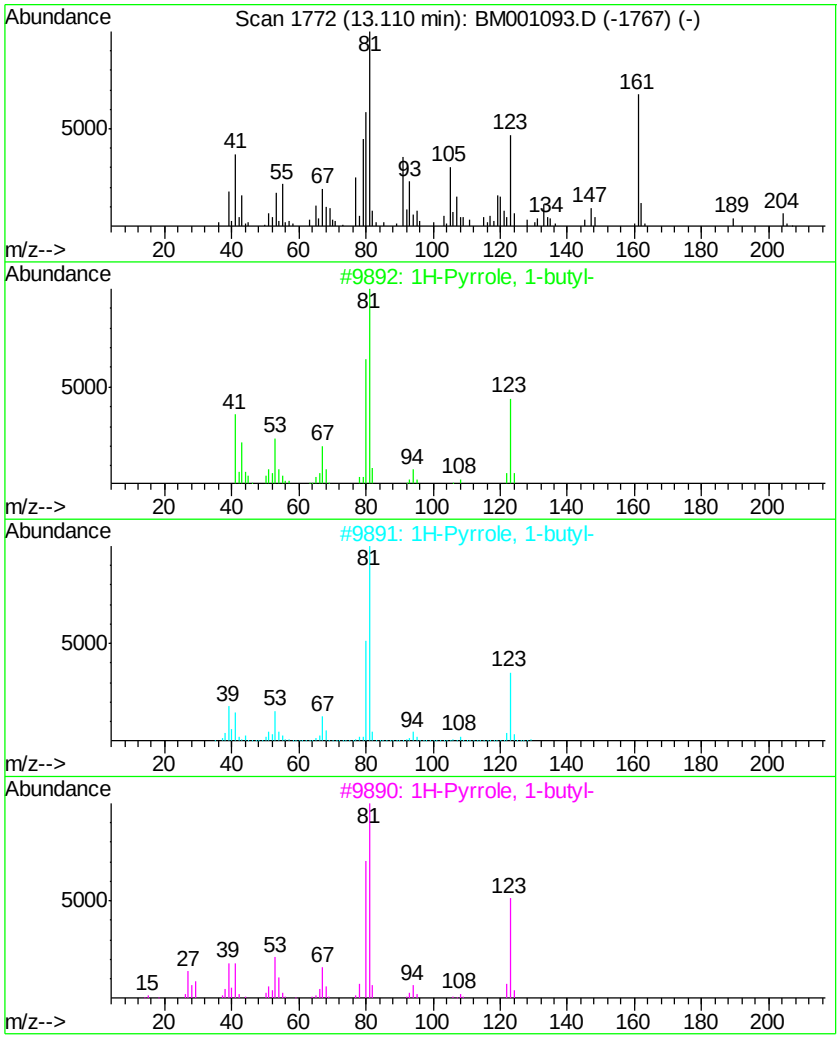
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

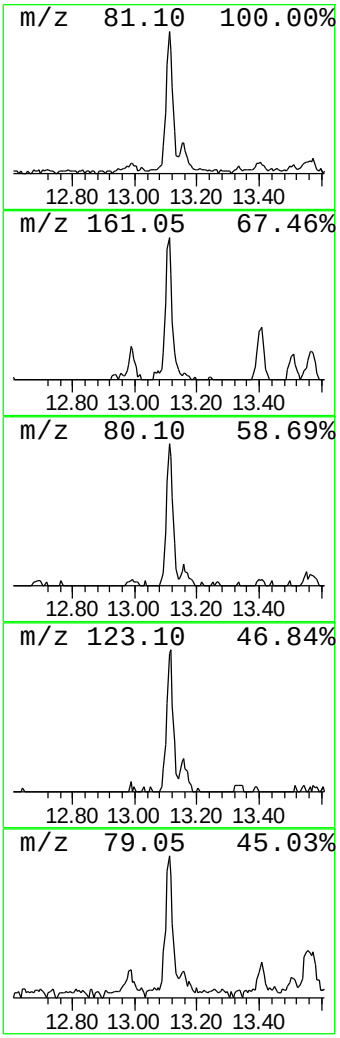
****

Peak Number 3 1H-Pyrrole, 1-butyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.58 ng/ul	316558	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	55
2	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	55
3	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	49
4	9-Methylene-tricyclo[4.2.1.1(2,5...	148	C11H16	075156-66-0	49
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

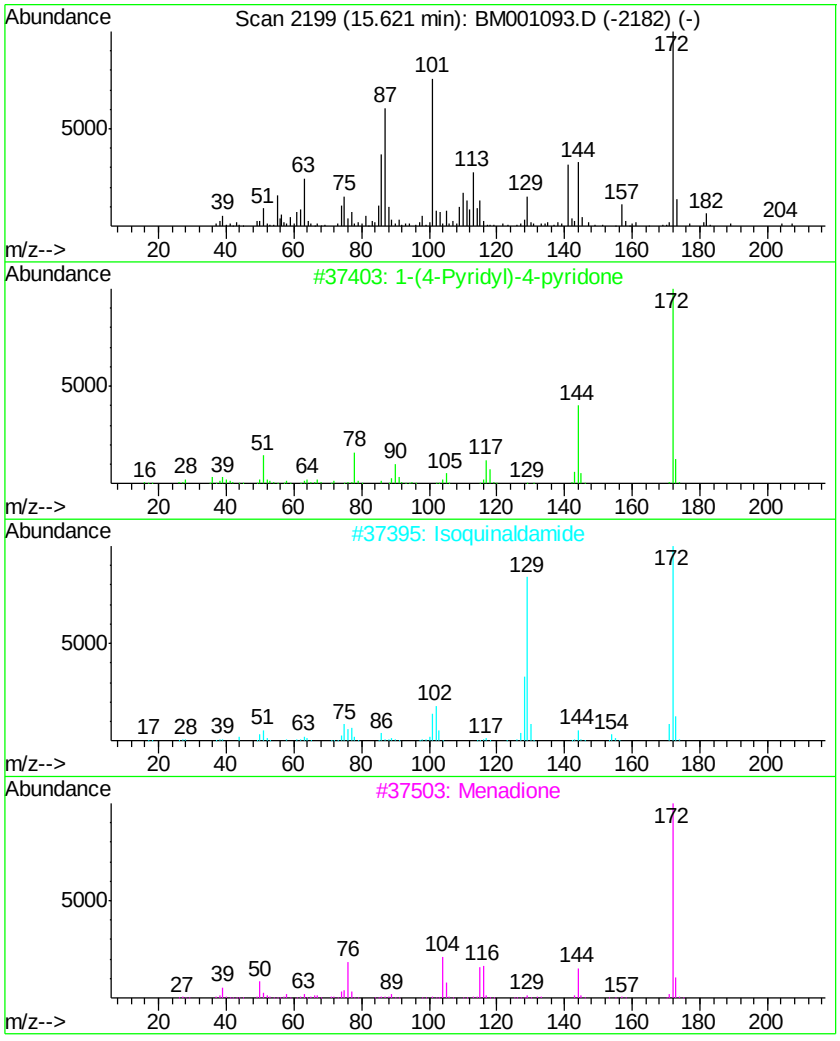
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

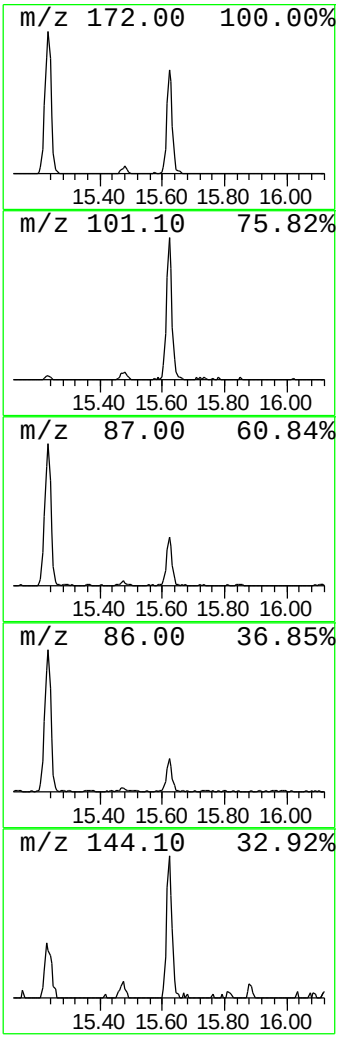
****

Peak Number 5 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.65 ng/ul	618666	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Pyridyl)-4-pyridone	172	C10H8N2O	003881-38-7	30
2	Isoquinaldamide	172	C10H8N2O	001436-44-8	25
3	Menadione	172	C11H8O2	000058-27-5	25
4	peri-Naphtho-1,3-dioxin	172	C11H8O2	000204-11-5	22
5	5-Hydroxy-2-phenylpyrimidine	172	C10H8N2O	066739-85-3	18





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Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

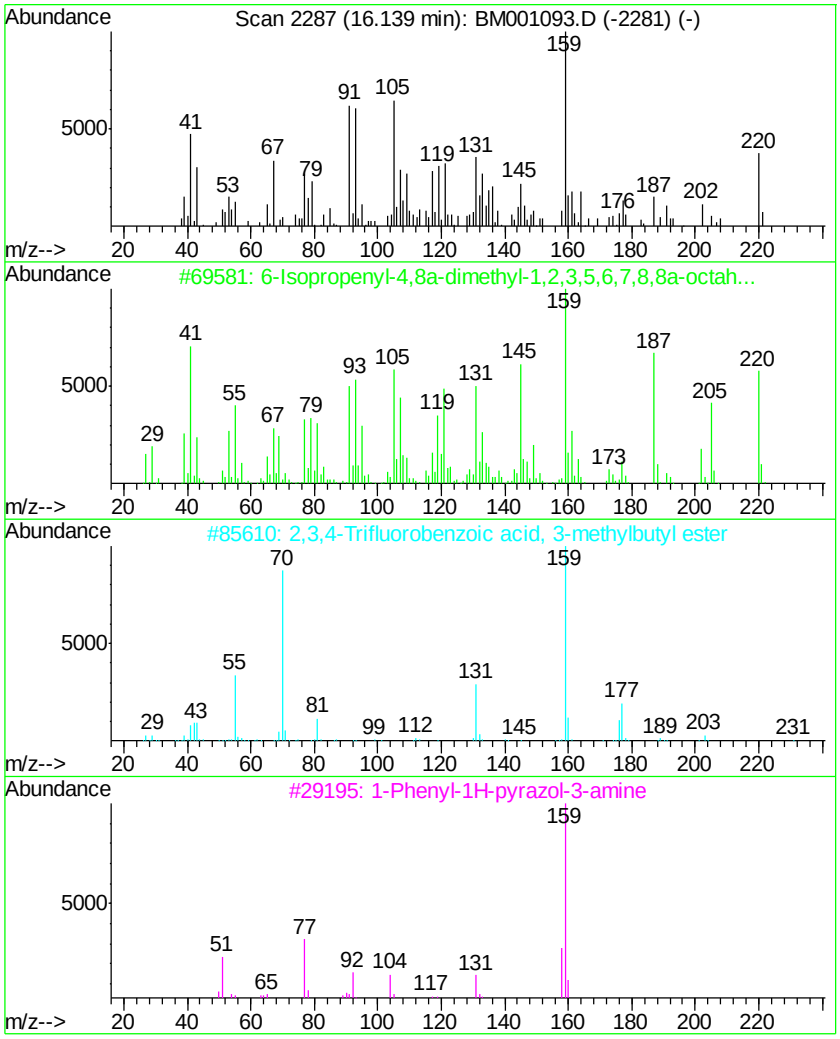
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

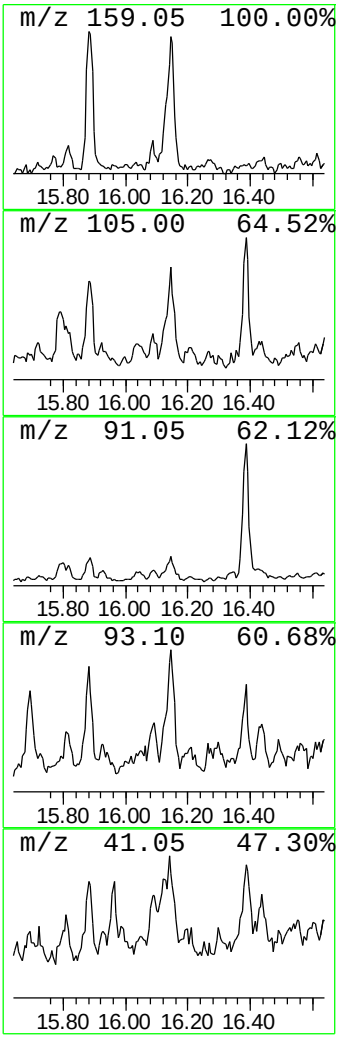
****

Peak Number 6 6-Isopropenyl-4,8a-dimethyl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.36 ng/ul	314579	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-1,2,...	220	C15H24O	1000189-10-2	50
2	2,3,4-Trifluorobenzoic acid, 3-m...	246	C12H13F3O2	1000282-29-7	27
3	1-Phenyl-1H-pyrazol-3-amine	159	C9H9N3	001128-56-9	27
4	Bicyclo[3.1.1]hept-3-ene-spiro-2...	194	C12H18O2	1000149-76-2	27
5	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	25





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Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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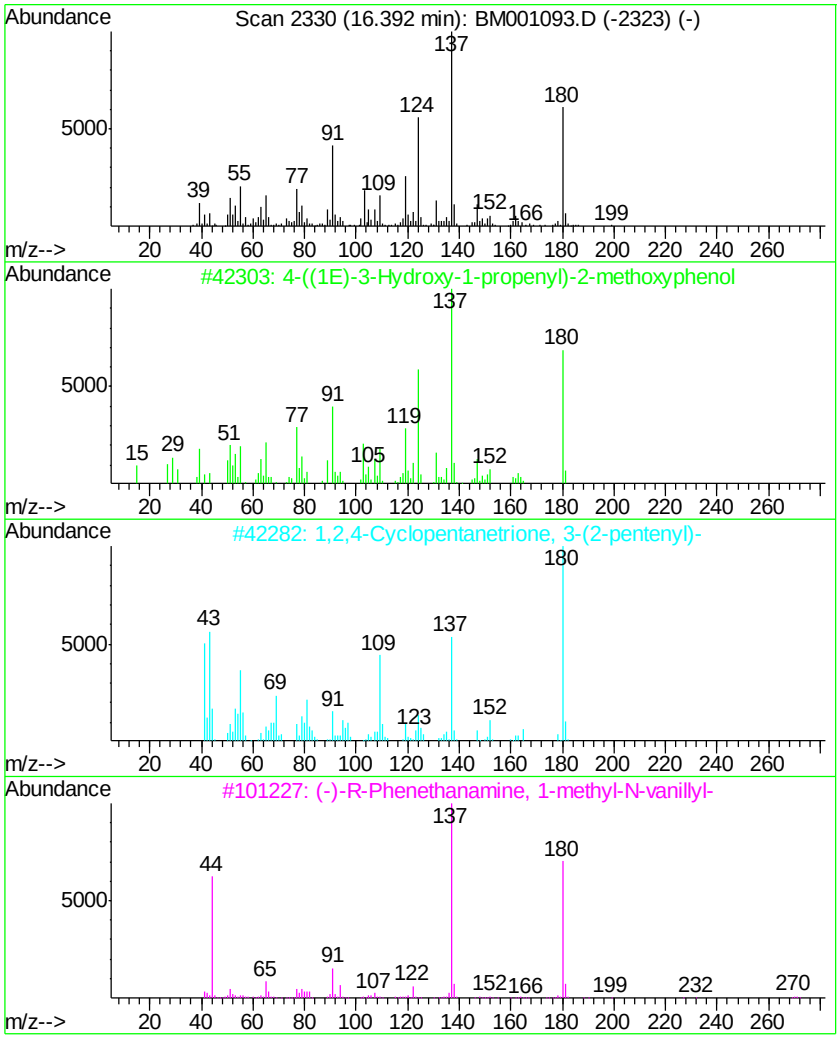
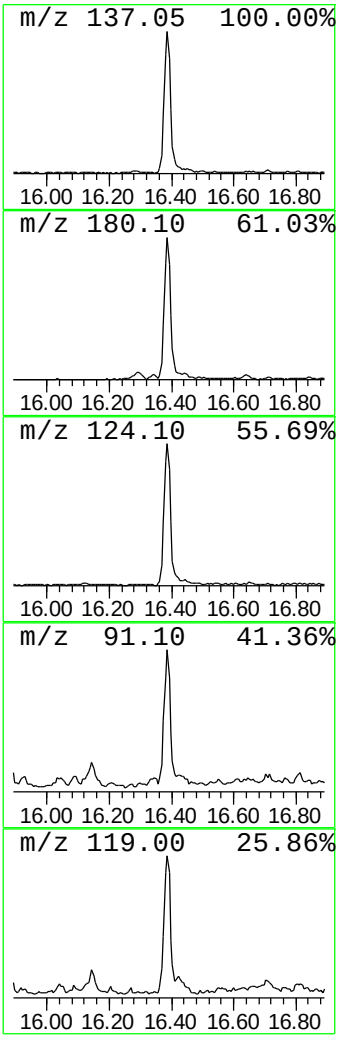
Peak Number 7 4-((1E)-3-Hydroxy-1-propeny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	8.61 ng/ul	1145360	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-((1E)-3-Hydroxy-1-propenyl)-2-...	180	C10H12O3	1000297-95-5	99
2	1,2,4-Cyclopentanetrione, 3-(2-p...	180	C10H12O3	054644-27-8	53
3	(-)-R-Phenethanamine, 1-methyl-N...	271	C17H21NO2	1000127-90-4	43
4	5-(Acetylaminomethyl)-4-amino-2-...	180	C8H12N4O	023676-63-3	43
5	6-Methylnicotinic acid	137	C7H7NO2	003222-47-7	38





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Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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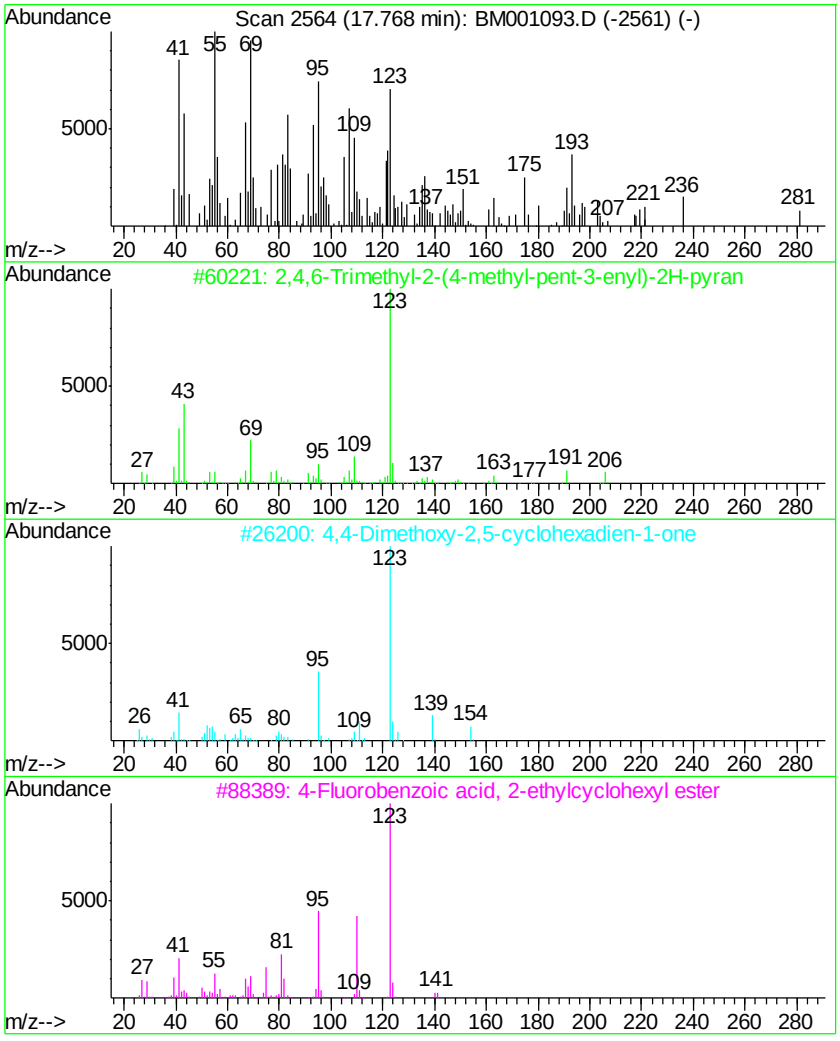
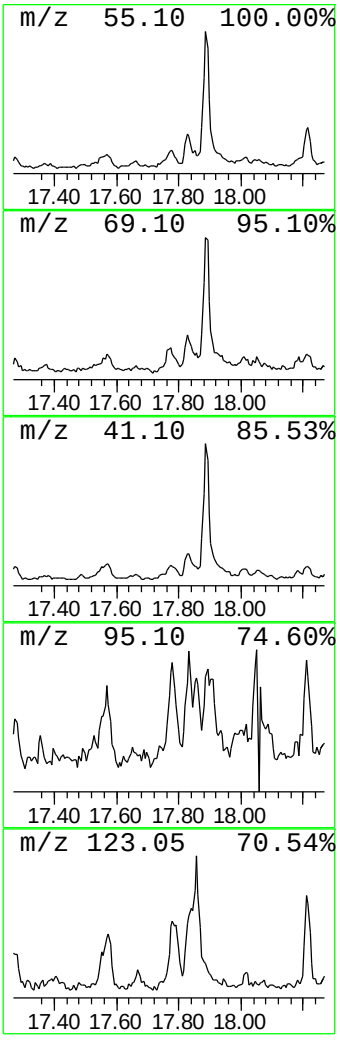
Peak Number 8 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.50 ng/ul	332518	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethyl-2-(4-methyl-pent...	206	C14H22O	1000193-58-6	47
2	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	38
3	4-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-06-0	35
4	4-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-68-5	35
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	25





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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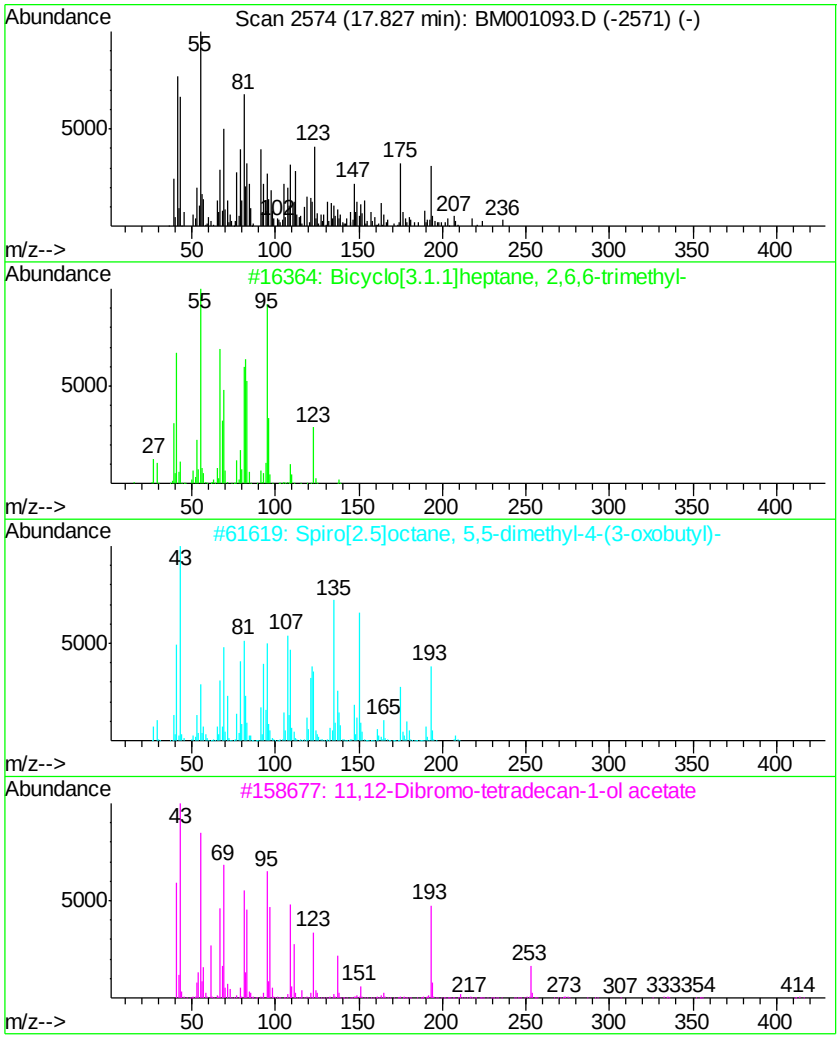
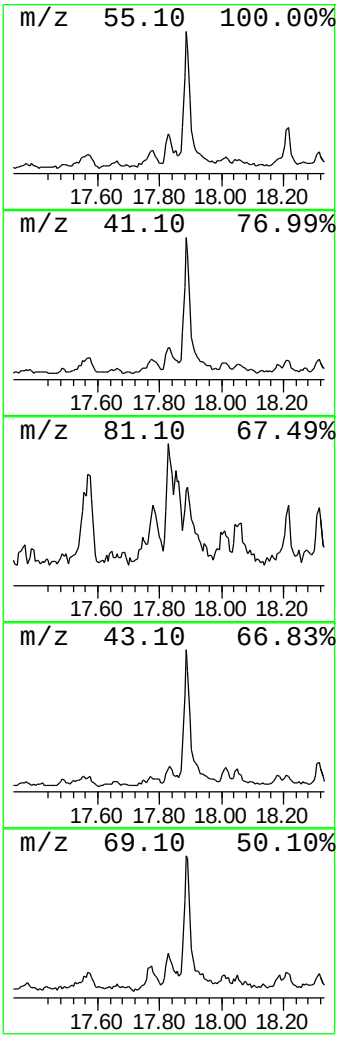
Peak Number 9 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.31 ng/ul	440240	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	35
2	Spiro[2.5]octane, 5,5-dimethyl-4...	208	C14H24O	077143-32-9	30
3	11,12-Dibromo-tetradecan-1-ol ac...	412	C16H30Br2O2	1000130-78-5	27
4	2-Butanone, 4-(2,2-dimethyl-6-me...	194	C13H22O	013720-12-2	20
5	3,9-Epoxytricyclo[4.2.1.1(2,5)]d...	192	C12H16O2	1000187-97-8	20





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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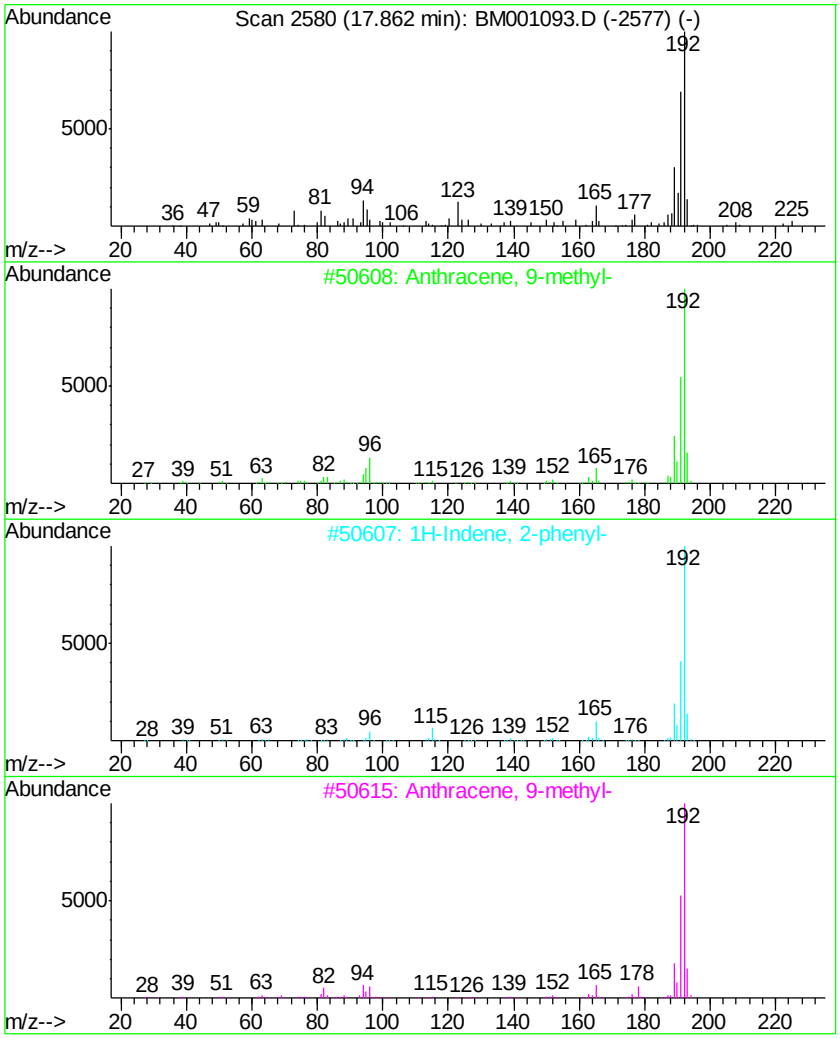
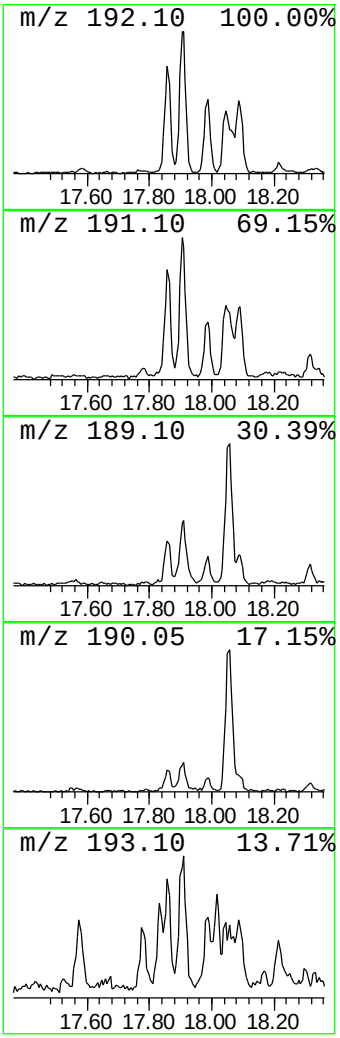
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.39 ng/ul	318097	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	68





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Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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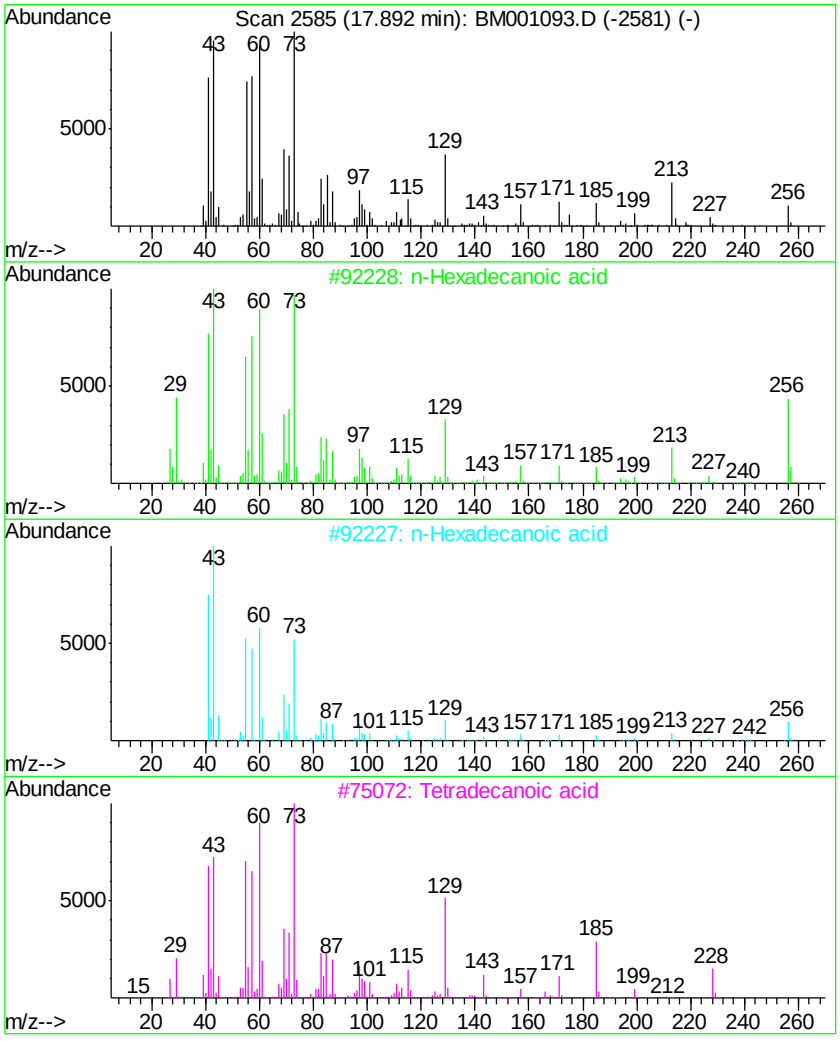
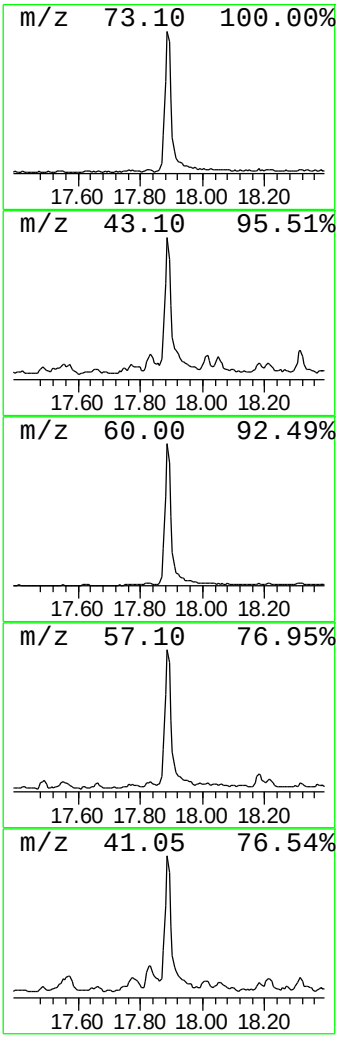
Peak Number 11 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	15.60 ng/ul	2075820	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Quant Title : SVOA CALIBRATION

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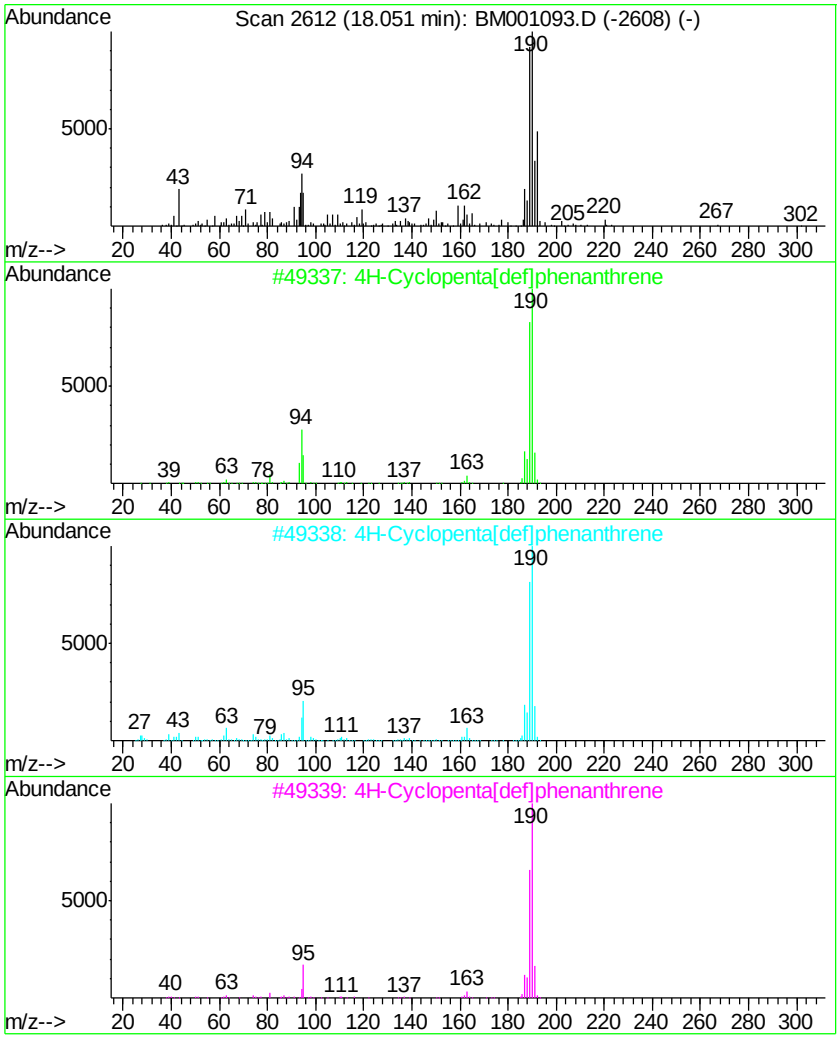
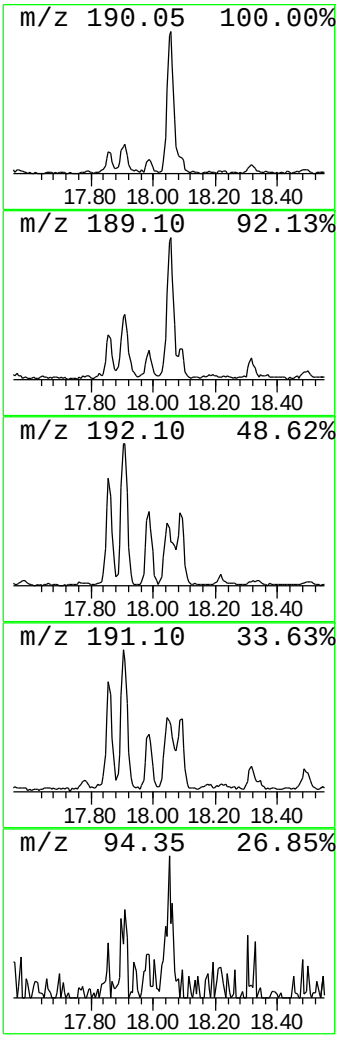
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.85 ng/ul	379467	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	37





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Sample : G1859-11
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Quant Title : SVOA CALIBRATION

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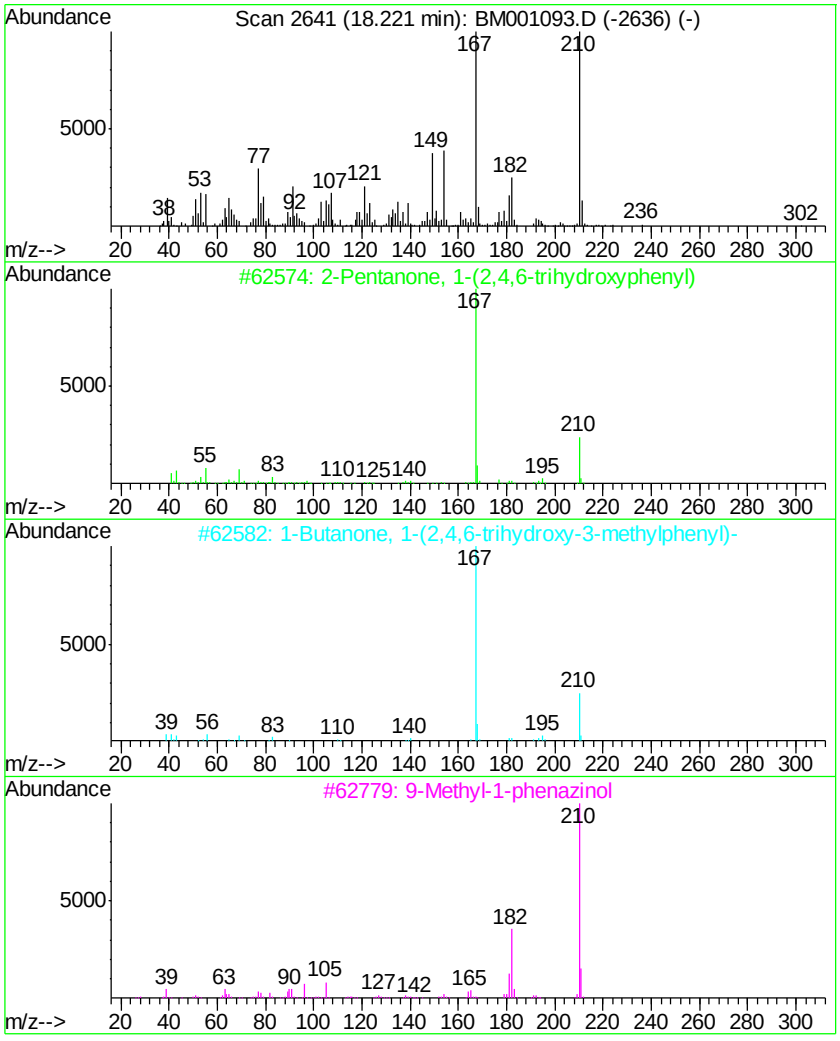
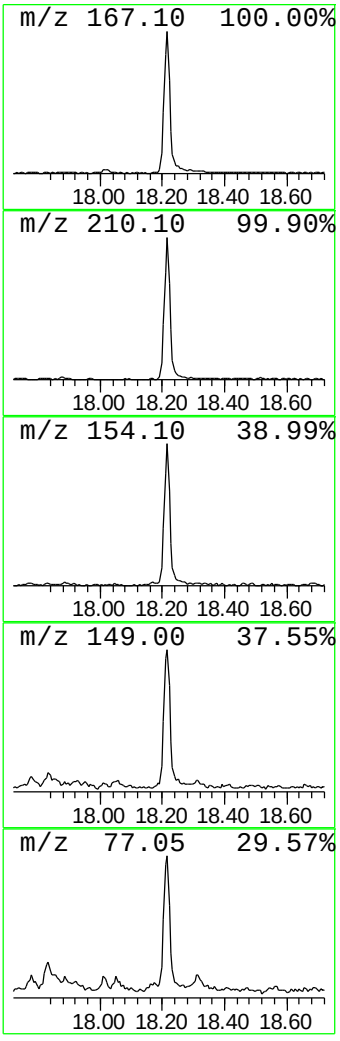
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Pentanone, 1-(2,4,6-trihy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	9.35 ng/ul	1244310	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 1-(2,4,6-trihydroxy...	210	C11H14O4	1000116-22-3	50
2	1-Butanone, 1-(2,4,6-trihydroxy-...	210	C11H14O4	001509-06-4	50
3	9-Methyl-1-phenazinol	210	C13H10N2O	013860-43-0	38
4	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	30
5	Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	30





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Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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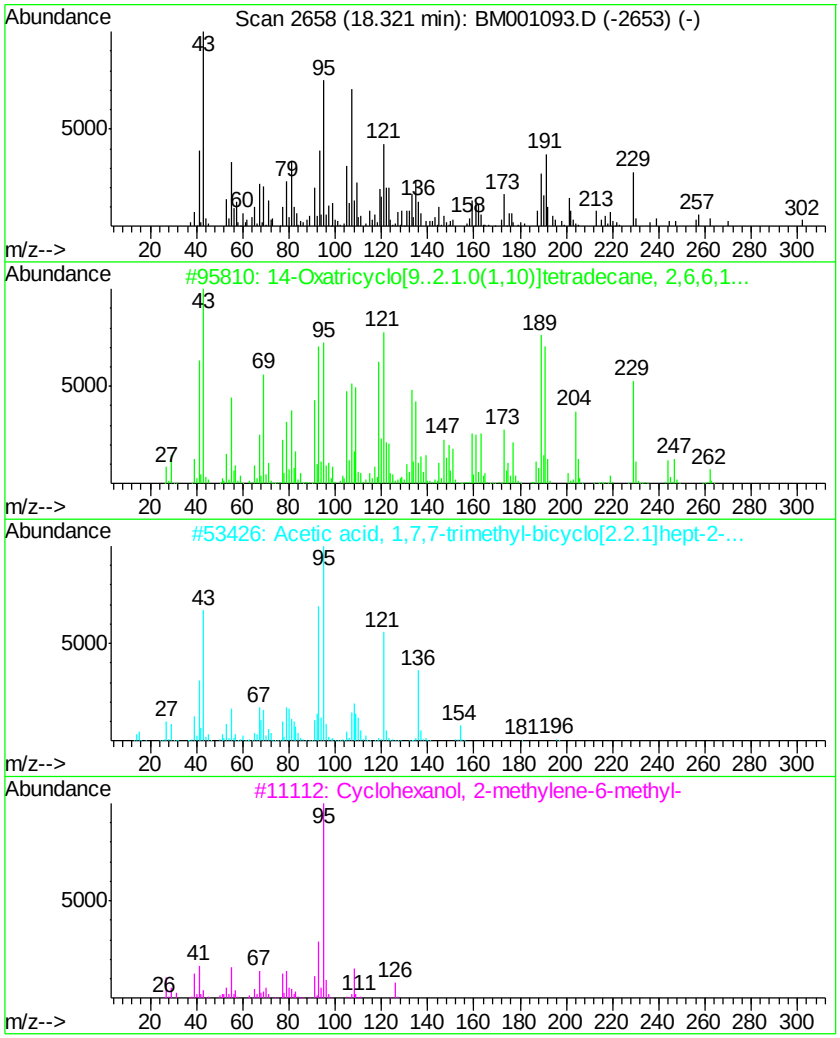
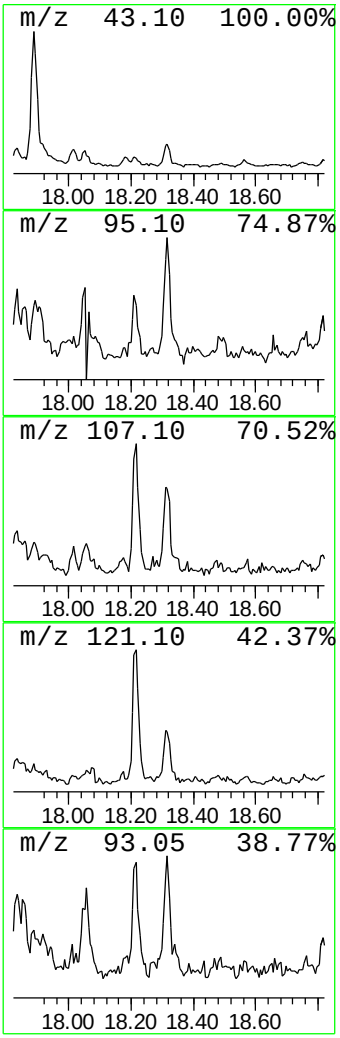
Peak Number 14 14-Oxatricyclo[9..2.1.0(1,1... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.26 ng/ul	300253	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Oxatricyclo[9..2.1.0(1,10)]te...	262	C18H30O	1000193-06-8	50
2	Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	35
3	Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	25
4	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	081955-10-4	22
5	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	087248-50-8	22





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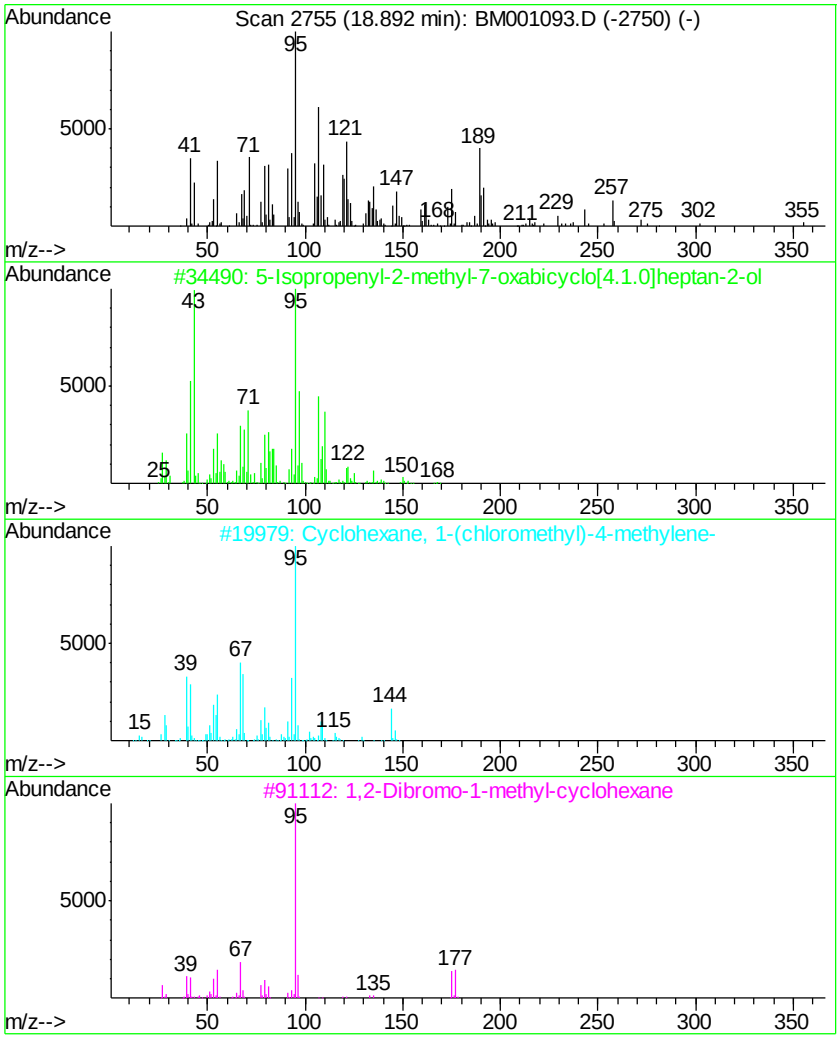
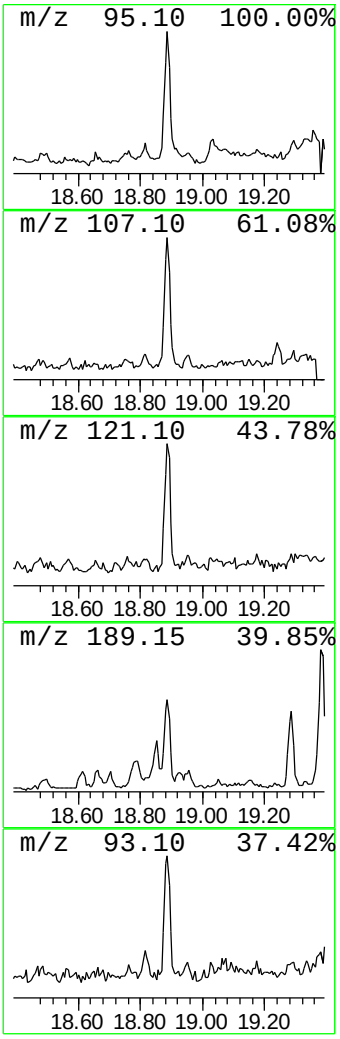
Peak Number 15 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.86 ng/ul	380035	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Isopropenyl-2-methyl-7-oxabicy...	168	C10H16O2	1000185-00-9	27
2	Cyclohexane, 1-(chloromethyl)-4-...	144	C8H13Cl	000823-83-6	14
3	1,2-Dibromo-1-methyl-cyclohexane	254	C7H12Br2	1000192-26-1	14
4	Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	14
5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	14





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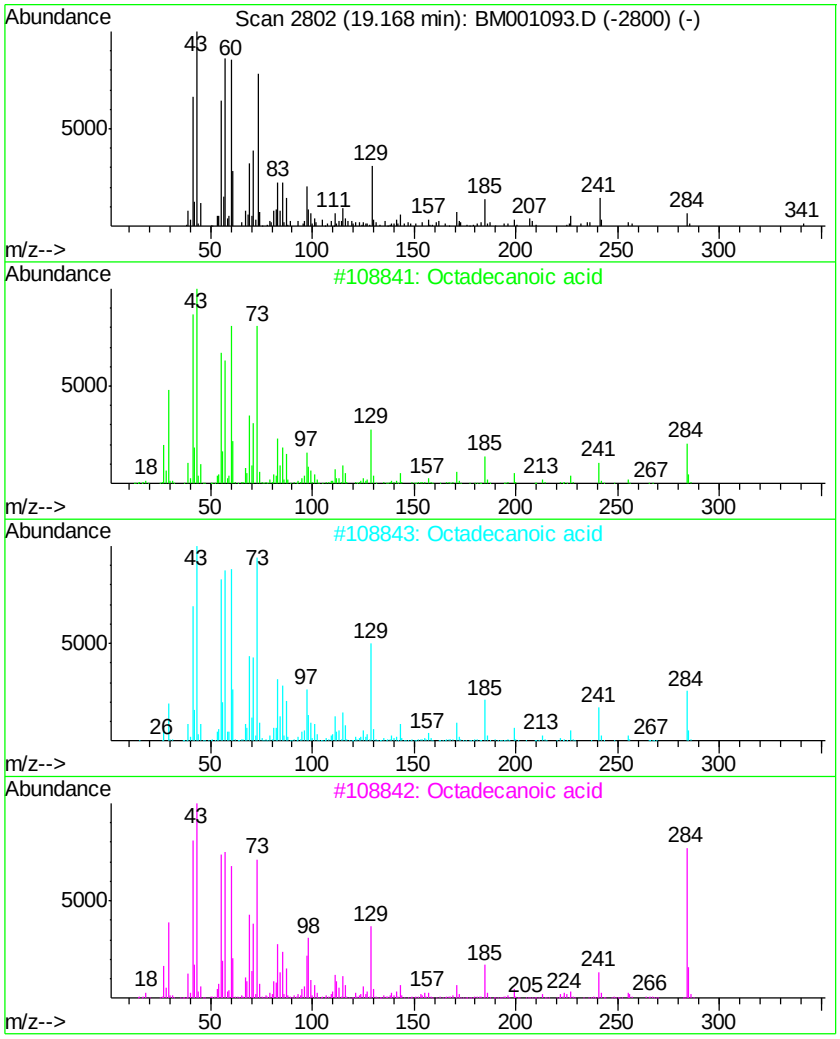
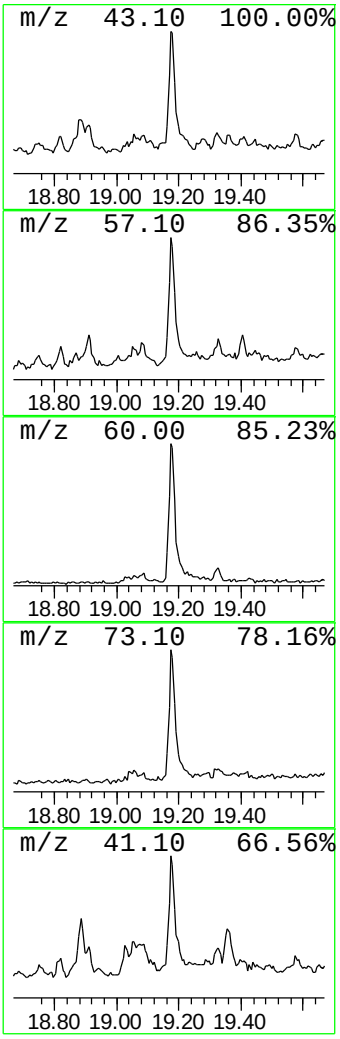
Peak Number 16 Octadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.46 ng/ul	515762	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	92





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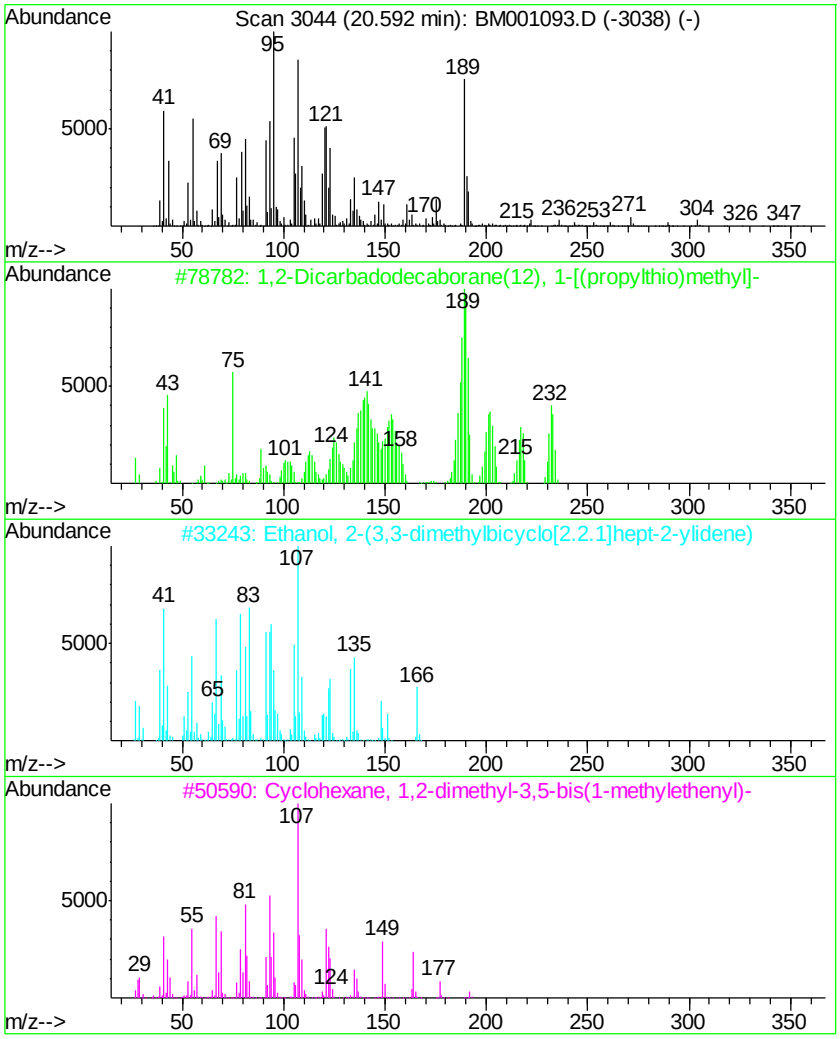
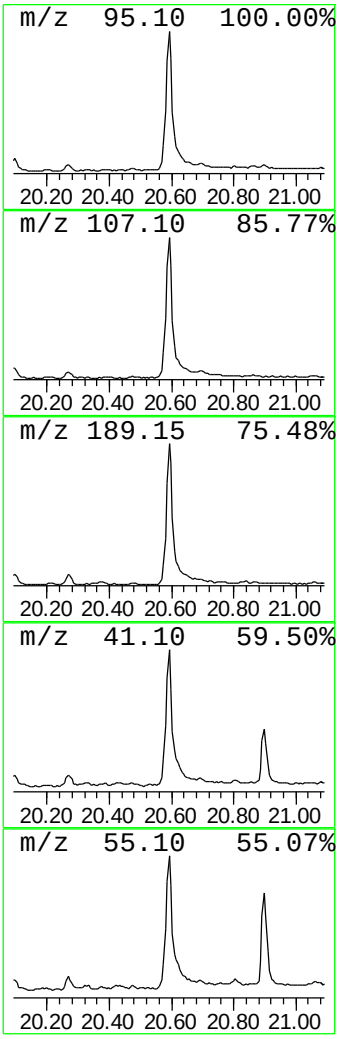
****
Peak Number 20 1,2-Dicarbadodecaborane(12)... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	49.02 ng/ul	10271800	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dicarbadodecaborane(12), 1-[...	234	C6H20B10S	062906-36-9	90
2	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	27
3	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	062337-99-9	22
4	4-(2,4-Dimethylcyclohex-4-enyl)b...	178	C12H18O	1000215-26-2	14
5	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	11





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Quant Title : SVOA CALIBRATION

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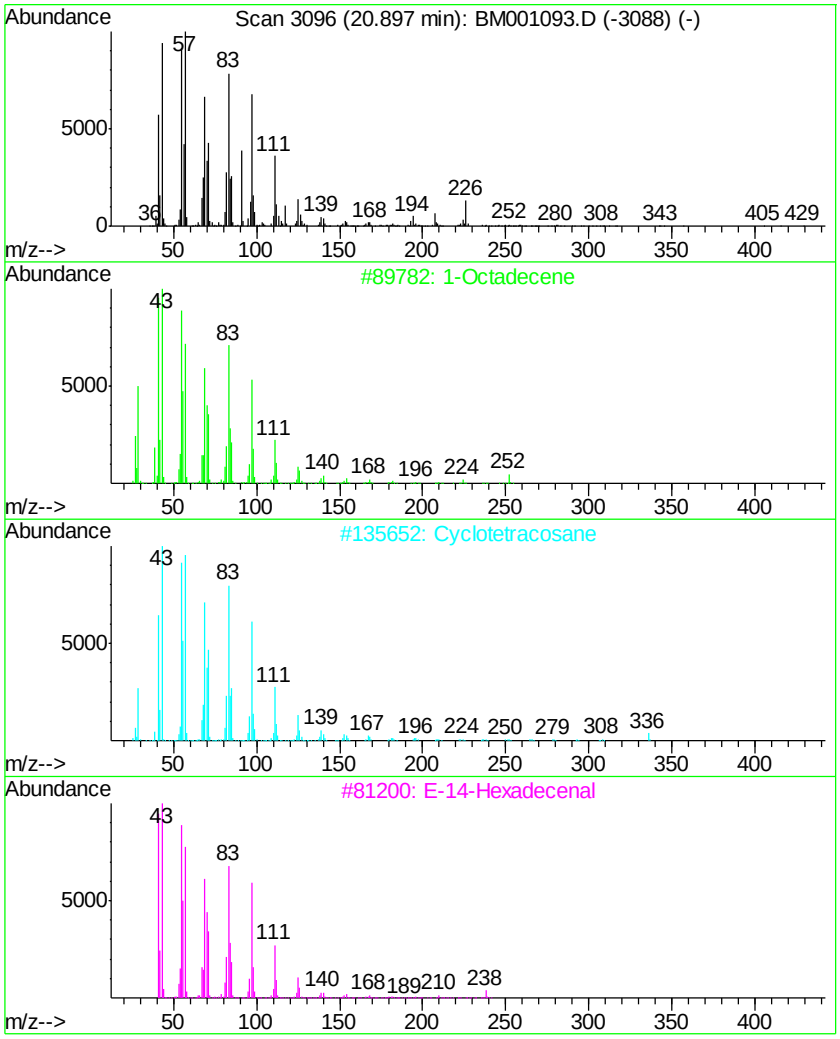
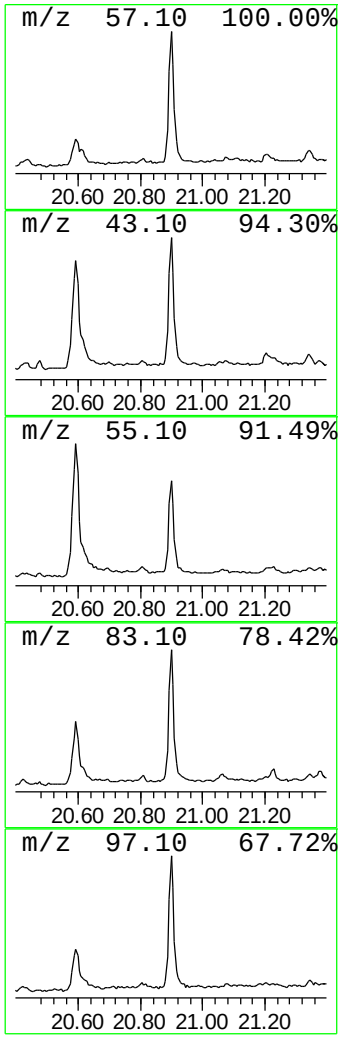
Peak Number 21 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	13.24 ng/ul	2775540	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	1-Nonadecanol	284	C19H40O	001454-84-8	91





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Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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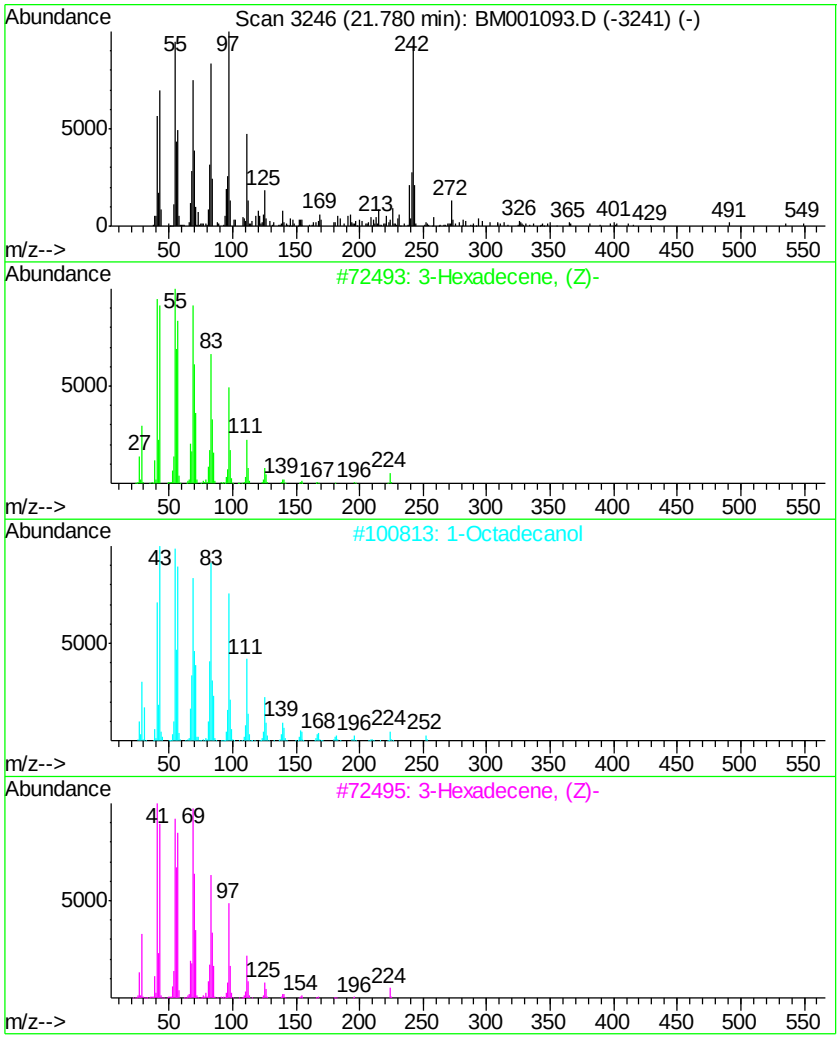
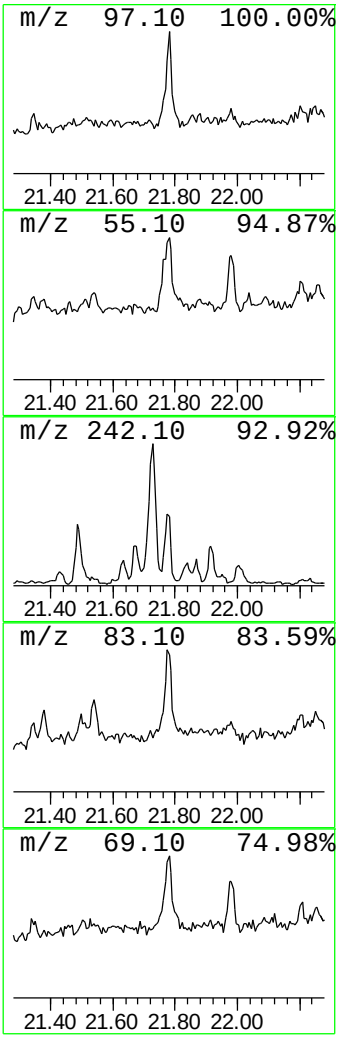
Peak Number 22 3-Hexadecene, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	2.89 ng/ul	604748	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	51
2	1-Octadecanol	270	C18H38O	000112-92-5	50
3	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	48
4	1-Octadecanol	270	C18H38O	000112-92-5	45
5	1-Docosene	308	C22H44	001599-67-3	44





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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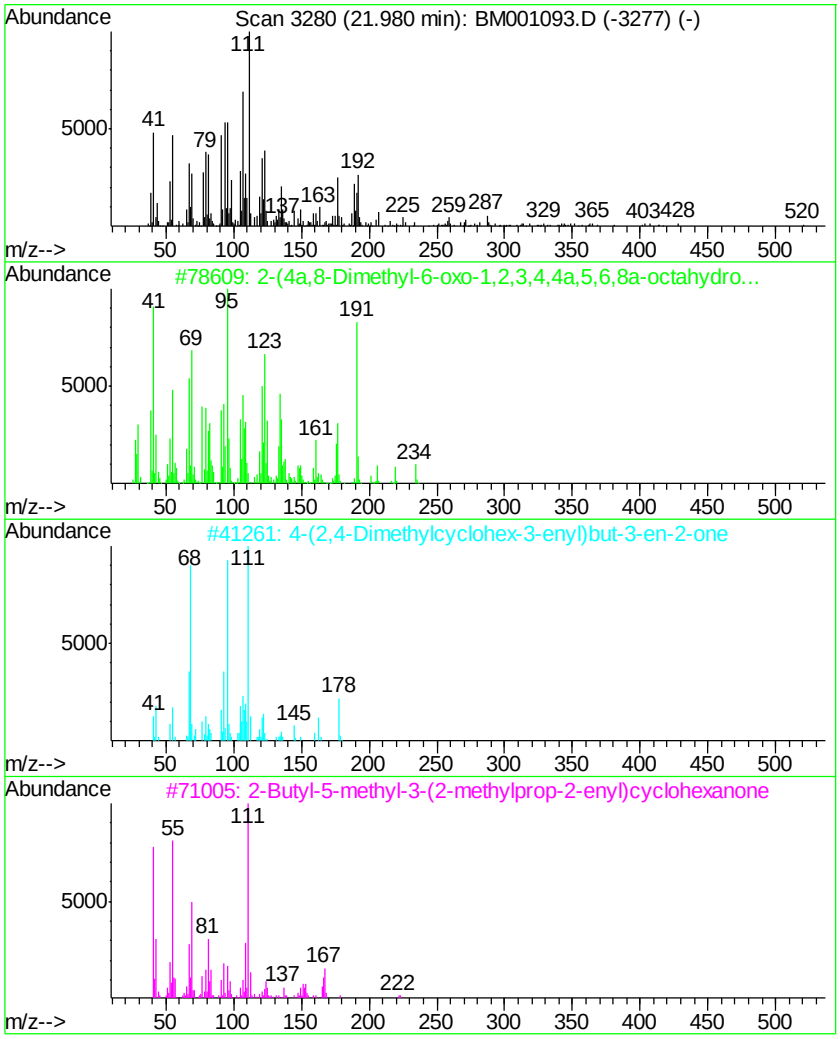
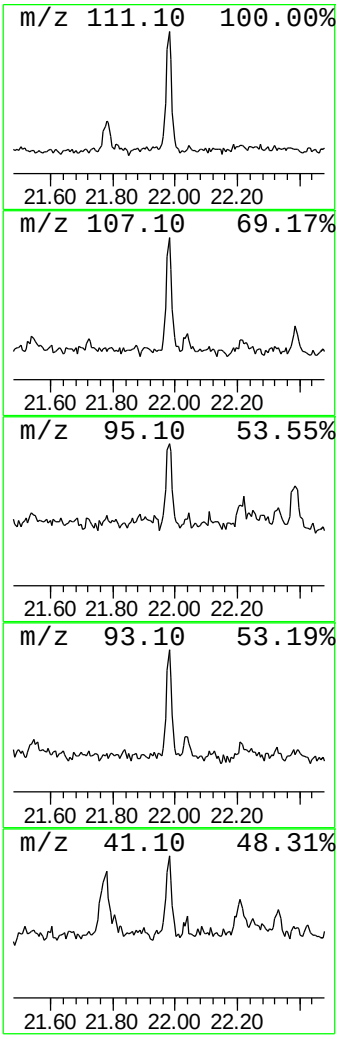
Peak Number 23 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	2.67 ng/ul	558822	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	16
2	4-(2,4-Dimethylcyclohex-3-enyl)b...	178	C12H18O	002316-82-7	14
3	2-Butyl-5-methyl-3-(2-methylprop...	222	C15H26O	1000281-10-6	12
4	4H-1,3-Benzodioxin-4-one, 2-(1,1...	266	C16H26O3	124899-18-9	12
5	2-Methylcyclohexan-1-on-3-ylbuta...	362	C17H30O6S	344552-36-9	11





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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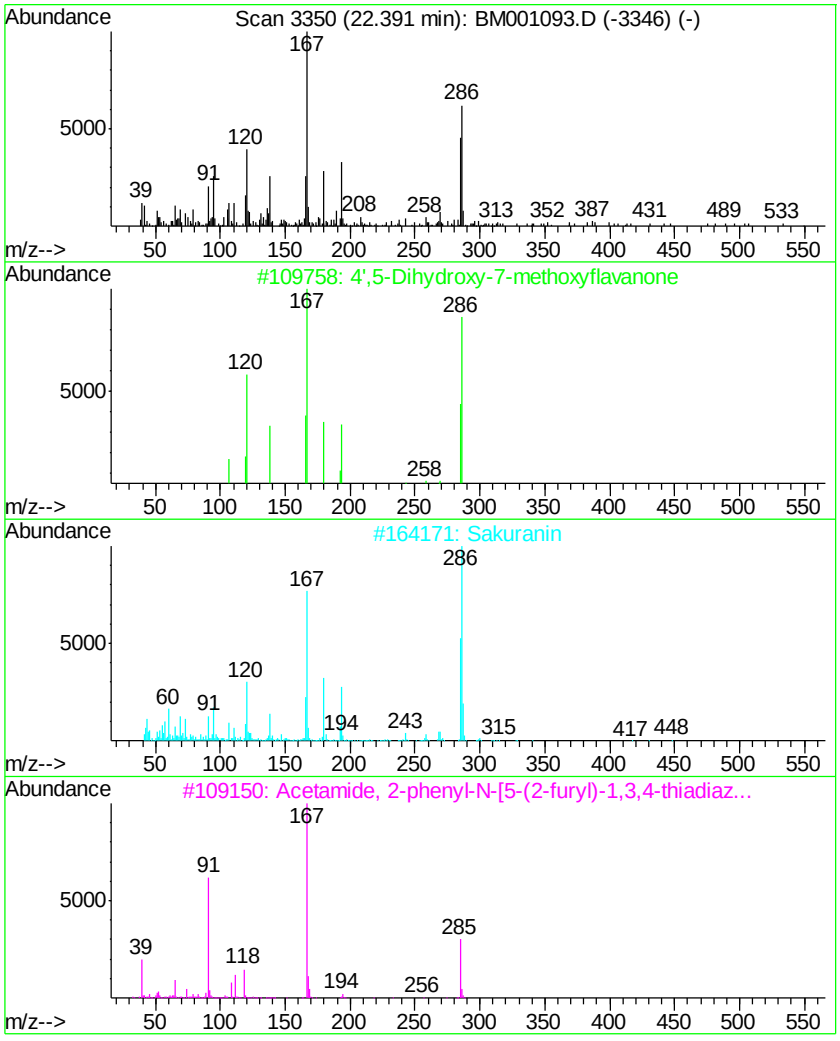
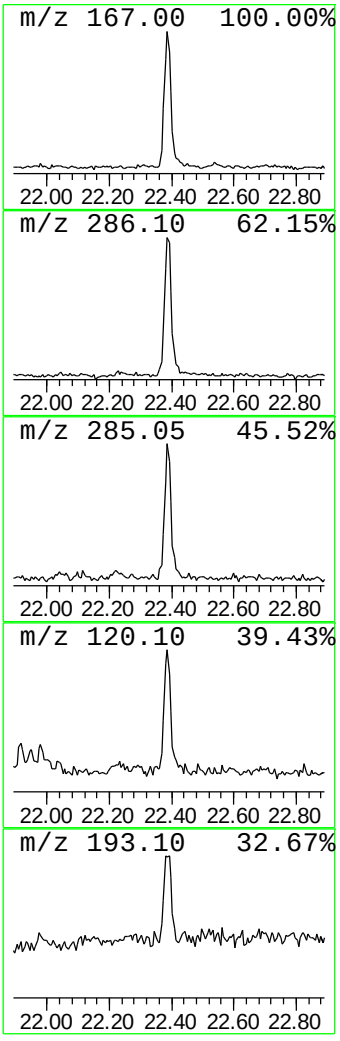
Peak Number 24 4',5-Dihydroxy-7-methoxyfla... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.58 ng/ul	372994	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4',5-Dihydroxy-7-methoxyflavanone	286	C16H14O5	000520-29-6	87
2	Sakuranin	448	C22H24O10	000529-39-5	38
3	Acetamide, 2-phenyl-N-[5-(2-furv...	285	C14H11N3O2S	313965-06-9	35
4	Benzaldehyde, 2-hydroxy-5-nitro-	167	C7H5NO4	000097-51-8	27
5	2-Propen-1-one, 1-(2,4-dihydroxy...	286	C16H14O5	069707-17-1	25





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Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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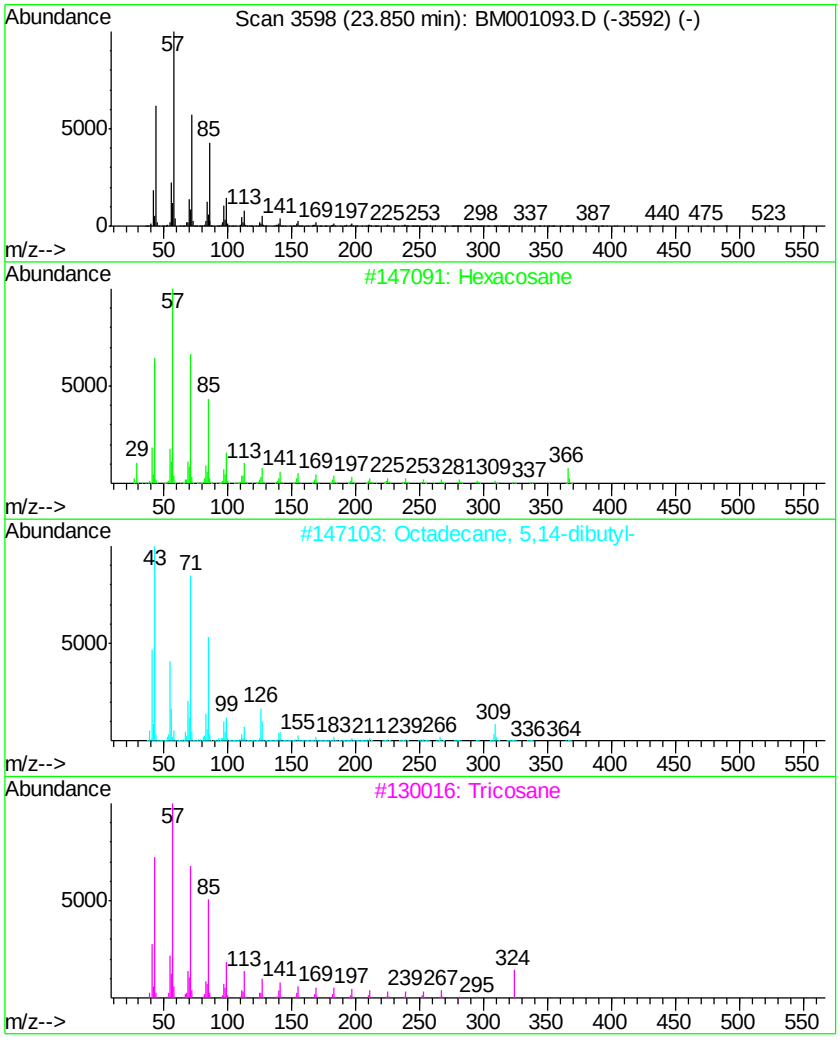
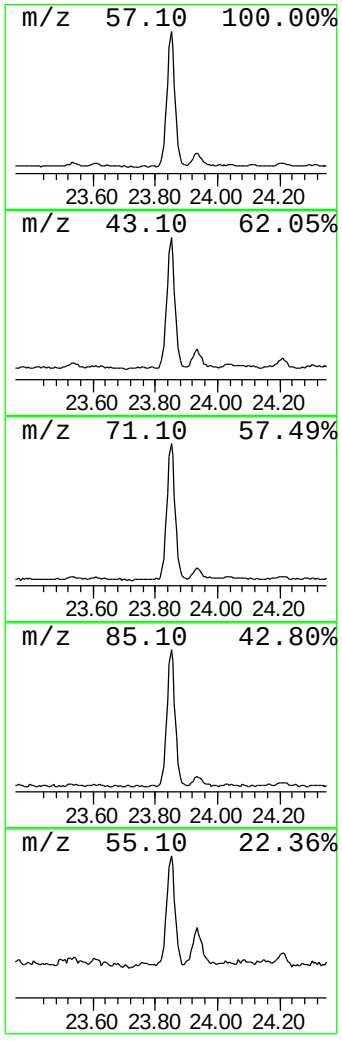
Peak Number 25 (DEL) Alkane: Straight-Chain Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	19.51 ng/ul	2820780	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
3	Tricosane	324	C23H48	000638-67-5	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	91





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Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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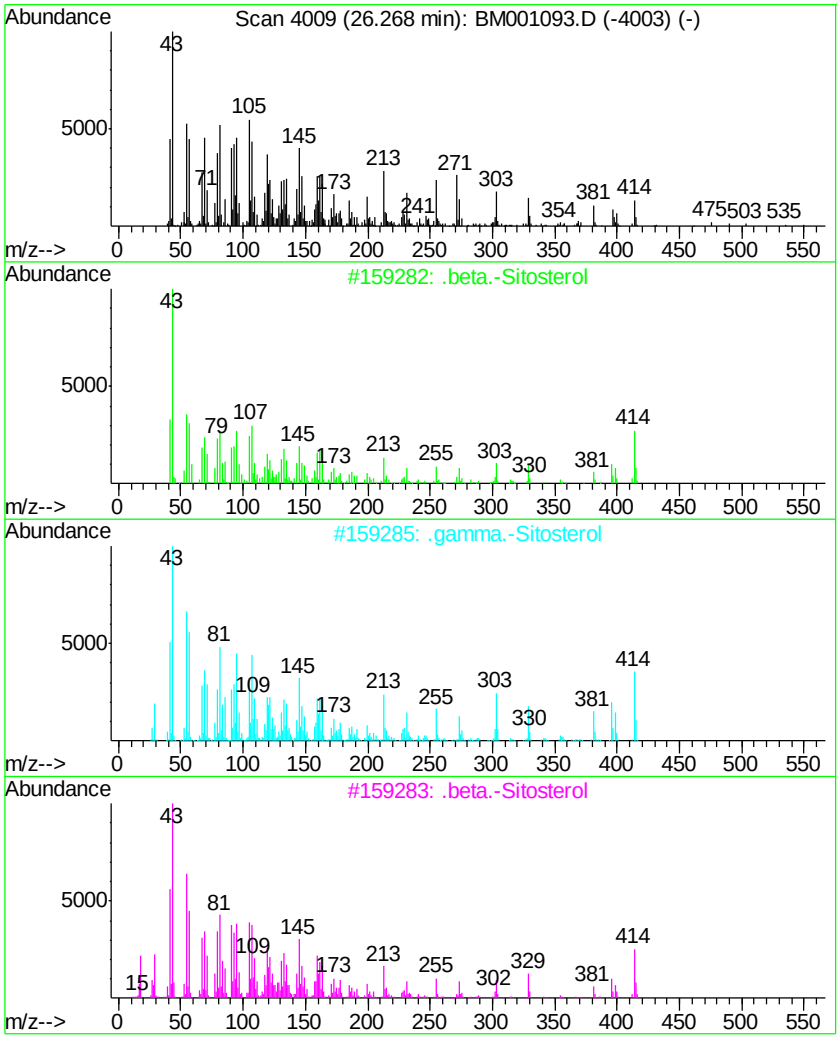
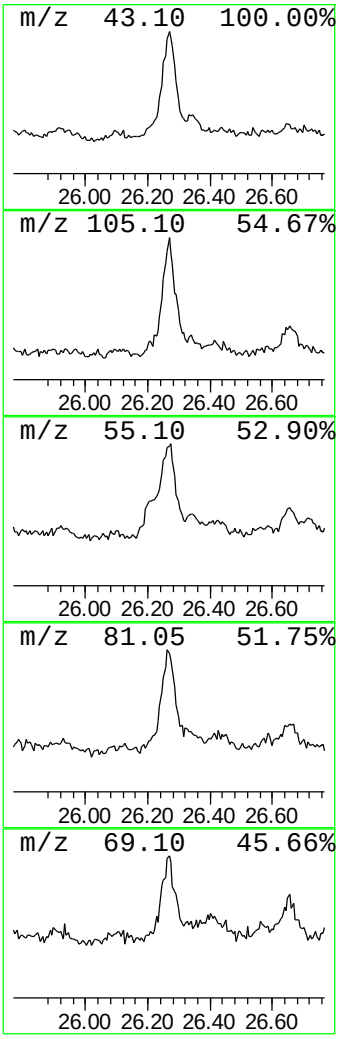
Peak Number 26 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	13.85 ng/ul	2002040	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	90
4	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	81
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001093.D
Acq On : 21 Apr 2015 08:10
Operator : TP/IZ
Sample : G1859-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.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
Butane, 2-methoxy...	2.78	7.0	ng/ul	493791	1	7.57	1402000	20.0
1R-.alpha.-Pinene	6.26	3.3	ng/ul	233228	1	7.57	1402000	20.0
1H-Pyrrole, 1-butyl-	13.11	2.6	ng/ul	316558	3	14.23	2456430	20.0
unknown-01	15.62	4.7	ng/ul	618666	4	16.99	2661600	20.0
6-Isopropenyl-4,8...	16.14	2.4	ng/ul	314579	4	16.99	2661600	20.0
4-((1E)-3-Hydroxy...	16.39	8.6	ng/ul	1145360	4	16.99	2661600	20.0
unknown-02	17.77	2.5	ng/ul	332518	4	16.99	2661600	20.0
unknown-03	17.83	3.3	ng/ul	440240	4	16.99	2661600	20.0
Anthracene, 9-met...	17.86	2.4	ng/ul	318097	4	16.99	2661600	20.0
n-Hexadecanoic acid	17.89	15.6	ng/ul	2075820	4	16.99	2661600	20.0
4H-Cyclopenta[def...	18.05	2.9	ng/ul	379467	4	16.99	2661600	20.0
2-Pentanone, 1-(2...	18.22	9.3	ng/ul	1244310	4	16.99	2661600	20.0
14-Oxatricyclo[9....	18.32	2.3	ng/ul	300253	4	16.99	2661600	20.0
unknown-04	18.89	2.9	ng/ul	380035	4	16.99	2661600	20.0
Octadecanoic acid	19.17	2.5	ng/ul	515762	5	21.19	4191240	20.0
1,2-Dicarbadodeca...	20.59	49.0	ng/ul	10271800	5	21.19	4191240	20.0
1-Octadecene	20.90	13.2	ng/ul	2775540	5	21.19	4191240	20.0
3-Hexadecene, (Z)-	21.78	2.9	ng/ul	604748	5	21.19	4191240	20.0
unknown-05	21.98	2.7	ng/ul	558822	5	21.19	4191240	20.0
4',5-Dihydroxy-7-...	22.39	2.6	ng/ul	372994	6	23.36	2891280	20.0
(DEL) Alkane: Str...	23.85	19.5	ng/ul	2820780	6	23.36	2891280	20.0
.beta.-Sitosterol	26.27	13.9	ng/ul	2002040	6	23.36	2891280	20.0