LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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\SOM02.2-EPA-BM061515.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	2.805	14	20	24	rBV	87295	135290	0.90%	0.109%
2	2.881	29	33	52	rVB	2439049	2934134	19.56%	2.354%
3	5.663	500	506	519	rBV	127658	251152	1.67%	0.202%
4	6.834	695	705	711	rVV	159991	273993	1.83%	0.220%
5	6.998	725	733	739	rBV	117107	178805	1.19%	0.143%
6	7.192	760	766	773	rVB	165170	258577	1.72%	0.207%
7	7.316	782	787	796	rVV3	63239	131419	0.88%	0.105%
8	7.663	836	846	852	rBV	230685	376621	2.51%	0.302%
9	8.198	931	937	950	rVB	81050	160334	1.07%	0.129%
10	8.369	960	966	973	rVV	196135	298157	1.99%	0.239%
11	8.828	1037	1044	1050	rBV	134396	247700	1.65%	0.199%
12	9.539	1160	1165	1175	rVB	122185	221329	1.48%	0.178%
13	10.075	1251	1256	1265	rVB	201332	336054	2.24%	0.270%
14	10.457	1309	1321	1325	rVV	268265	526325	3.51%	0.422%
15	10.504	1325	1329	1336	rVV	293805	485318	3.24%	0.389%
16	10.604	1336	1346	1353	rVV3	95768	217324	1.45%	0.174%
17	11.469	1489	1493	1503	rBV3	50536	124917	0.83%	0.100%
18	12.122	1598	1604	1612	rVB	261806	449450	3.00%	0.361%
19	12.345	1634	1642	1653	rVB	304750	551428	3.68%	0.442%
20	12.845	1722	1727	1733	rBV	74795	111287	0.74%	0.089%
21	13.145	1770	1778	1783	rVB3	90184	214831	1.43%	0.172%
22	13.486	1827	1836	1844	rBV2	229173	639943	4.27%	0.513%
23	13.563	1844	1849	1855	rVV3	62371	116736	0.78%	0.094%
24	13.639	1856	1862	1867	rVV	376939	664340	4.43%	0.533%
25	13.692	1867	1871	1874	rVV	173828	262214	1.75%	0.210%
26	13.733	1874	1878	1881	rVV	288480	393905	2.63%	0.316%
27	13.774	1881	1885	1893	rVB3	349723	652660	4.35%	0.524%
28	13.874	1898	1902	1906	rBV	143234	193023	1.29%	0.155%
29	14.016	1921	1926	1927	rBV	332900	444595	2.96%	0.357%
30	14.045	1927	1931	1943	rVB	791742	1308290	8.72%	1.050%
31	14.216	1956	1960	1965	rBV2	80450	124220	0.83%	0.100%
32	14.321	1968	1978	1984	rBV3	367094	763188	5.09%	0.612%
33	14.386	1984	1989	1996	rBV3	135758	263827	1.76%	0.212%
34	14.533	2009	2014	2022	rVB4	219137	449306	3.00%	0.361%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

35	14.721	2042	2046	2052	rVB	298640	439405	2.93%	0.353%
36	14.798	2055	2059	2063	rVB	222038	283036	1.89%	0.227%
37	14.845	2063	2067	2075	rVB8	91572	204938	1.37%	0.164%
38	14.939	2076	2083	2088	rBV4	224882	522794	3.49%	0.419%
39	14.992	2089	2092	2096	rVB	138162	171791	1.15%	0.138%
40	15.110	2106	2112	2115	rBV5	109297	208907	1.39%	0.168%
41	15.315	2143	2147	2152	rVB	444039	602334	4.02%	0.483%
42	15.374	2152	2157	2161	rBV	495526	757856	5.05%	0.608%
43	15.498	2174	2178	2182	rVB2	185792	223005	1.49%	0.179%
44	15.580	2188	2192	2199	rVB3	198237	326161	2.17%	0.262%
45	15.663	2203	2206	2213	rVB2	165430	265693	1.77%	0.213%
46	15.786	2224	2227	2229	rBV2	96393	125149	0.83%	0.100%
47	15.815	2230	2232	2240	rVB3	147693	272417	1.82%	0.219%
48	16.051	2266	2272	2278	rBV2	379127	684136	4.56%	0.549%
49	16.180	2291	2294	2298	rBV	106555	147687	0.98%	0.119%
50	16.374	2321	2327	2332	rBV4	232482	474800	3.17%	0.381%
51	16.433	2333	2337	2341	rVB3	275145	409454	2.73%	0.329%
52	16.527	2350	2353	2358	rVB2	202957	282691	1.88%	0.227%
53	16.727	2383	2387	2394	rBV2	229060	354667	2.36%	0.285%
54	16.892	2409	2415	2423	rVB	741250	1378634	9.19%	1.106%
55	17.074	2441	2446	2448	rBV	415314	595146	3.97%	0.478%
56	17.121	2448	2454	2459	rVV	4313406	6122012	40.82%	4.912%
57	17.168	2459	2462	2465	rVV	461775	663162	4.42%	0.532%
58	17.204	2465	2468	2473	rVB	1169642	1508998	10.06%	1.211%
59	17.480	2511	2515	2520	rBV5	199294	334091	2.23%	0.268%
60	17.592	2531	2534	2538	rVB	394957	458572	3.06%	0.368%
61	17.651	2540	2544	2552	rVB	533520	878411	5.86%	0.705%
62	17.798	2564	2569	2574	rVB	365890	671566	4.48%	0.539%
63	17.951	2590	2595	2599	rBV	1186869	1981084	13.21%	1.590%
64	17.998	2599	2603	2609	rVB	1630997	2183405	14.56%	1.752%
65	18.080	2613	2617	2622	rVV2	436219	688944	4.59%	0.553%
66	18.145	2622	2628	2632	rVV2	1726945	3232030	21.55%	2.593%
67	18.180	2632	2634	2644	rVB	807412	1022464	6.82%	0.820%
68	18.262	2645	2648	2651	rBV4	158788	224590	1.50%	0.180%
69	18.451	2676	2680	2684	rBV	1040946	1398654	9.33%	1.122%
70	18.674	2714	2718	2719	rBV	253799	335440	2.24%	0.269%
71	18.698	2720	2722	2727	rVV	431917	620673	4.14%	0.498%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

72	18.751	2728	2731	2734	rVV	549873	743311	4.96%	0.596%
73	18.792	2734	2738	2742	rVB2	546051	783462	5.22%	0.629%
74	18.874	2747	2752	2757	rBV	1232674	2080388	13.87%	1.669%
75	18.933	2760	2762	2766	rVB2	493290	629388	4.20%	0.505%
76	19.015	2772	2776	2782	rBV4	542660	1202351	8.02%	0.965%
77	19.145	2792	2798	2804	rBV	5372645	7570067	50.47%	6.074%
78	19.209	2805	2809	2812	rVV	411962	540475	3.60%	0.434%
79	19.239	2812	2814	2818	rVV3	209988	267371	1.78%	0.215%
80	19.292	2820	2823	2827	rVV	458508	528447	3.52%	0.424%
81	19.386	2836	2839	2842	rBV2	371865	477047	3.18%	0.383%
82	19.515	2851	2861	2868	rBV	8663812	14998689	100.00%	12.035%
83	19.586	2868	2873	2878	rVV2	1153296	1885037	12.57%	1.513%
84	19.745	2897	2900	2905	rVB3	453448	663370	4.42%	0.532%
85	19.827	2911	2914	2925	rVB6	636357	1766587	11.78%	1.418%
86	20.003	2935	2944	2953	rVB2	1253158	3168215	21.12%	2.542%
87	20.103	2958	2961	2965	rBV	793708	1006920	6.71%	0.808%
88	20.168	2967	2972	2975	rBV	2029522	2778468	18.52%	2.229%
89	20.309	2992	2996	3000	rBV	1863091	2711092	18.08%	2.175%
90	20.350	3000	3003	3007	rVV	1772203	2144108	14.30%	1.720%
91	20.756	3070	3072	3078	rVB2	1023885	1449137	9.66%	1.163%
92	20.850	3085	3088	3092	rVB	959223	1274903	8.50%	1.023%
93	20.903	3093	3097	3099	rBV	1017988	1470489	9.80%	1.180%
94	20.933	3099	3102	3105	rVV2	1196429	1681693	11.21%	1.349%
95	20.962	3105	3107	3111	rVB	877588	894748	5.97%	0.718%
96	21.268	3154	3159	3162	rBV	3859030	5982322	39.89%	4.800%
97	21.321	3165	3168	3174	rVB	3318226	4164209	27.76%	3.341%
98	22.862	3425	3430	3441	rVB	2204265	6647489	44.32%	5.334%
99	23.338	3506	3511	3516	rBV	1807685	3413958	22.76%	2.739%
100	23.438	3523	3528	3539	rVB2	3049258	5886646	39.25%	4.723%

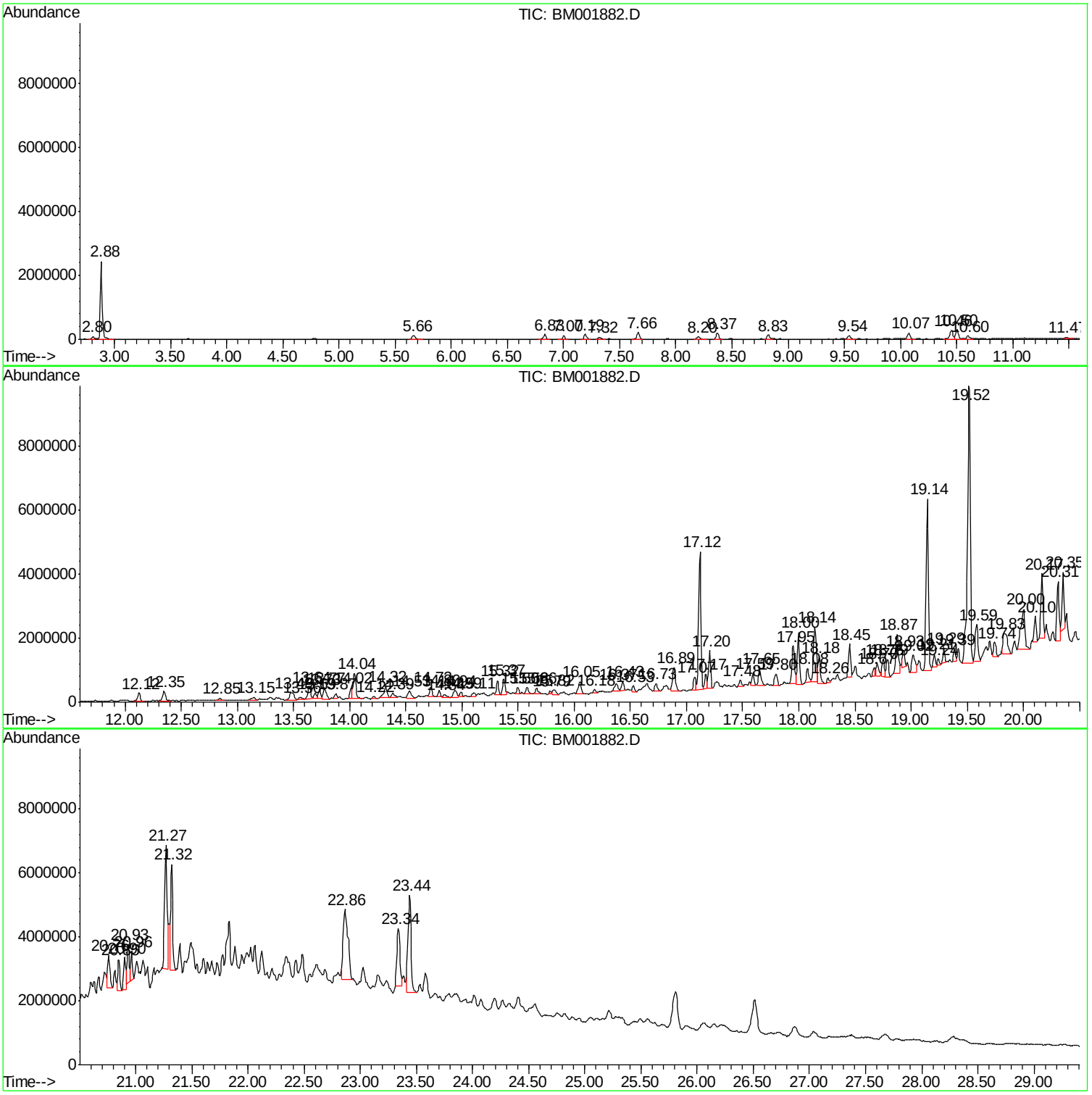
Sum of corrected areas: 124625876

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

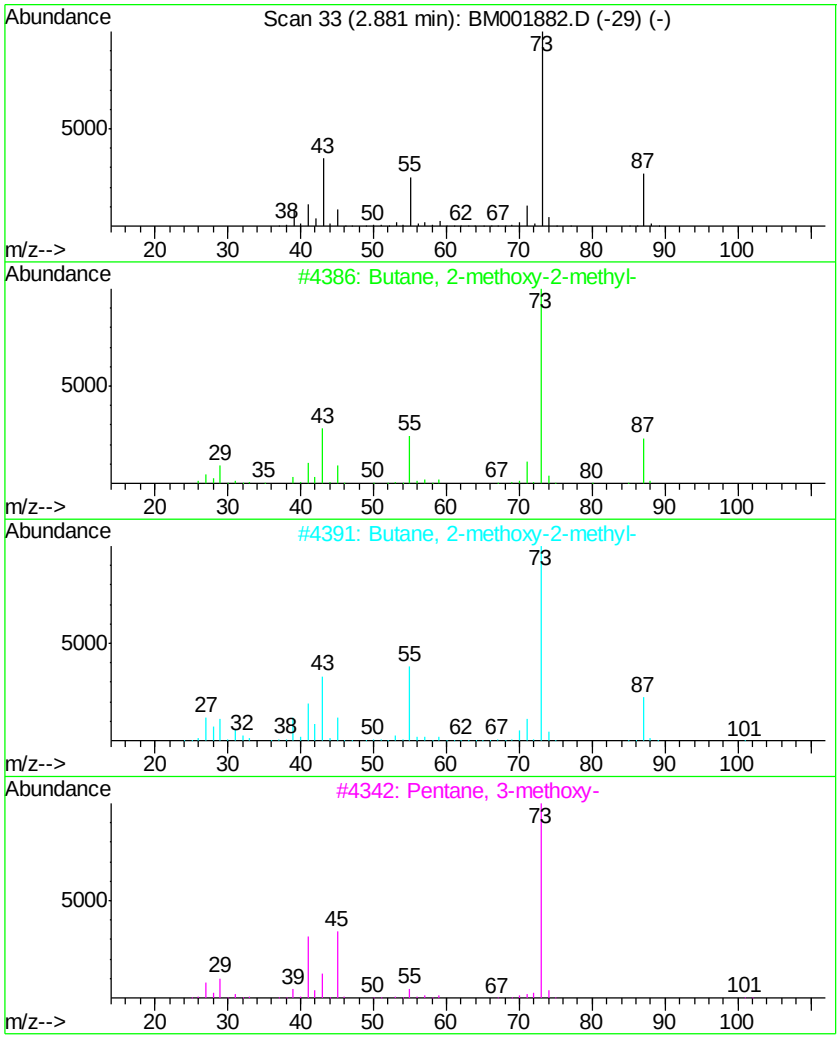
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

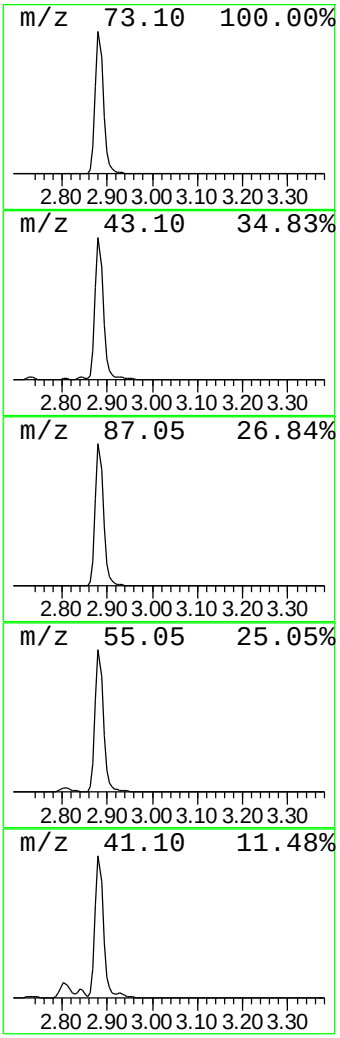
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	155.81 ng/ul	2934130	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

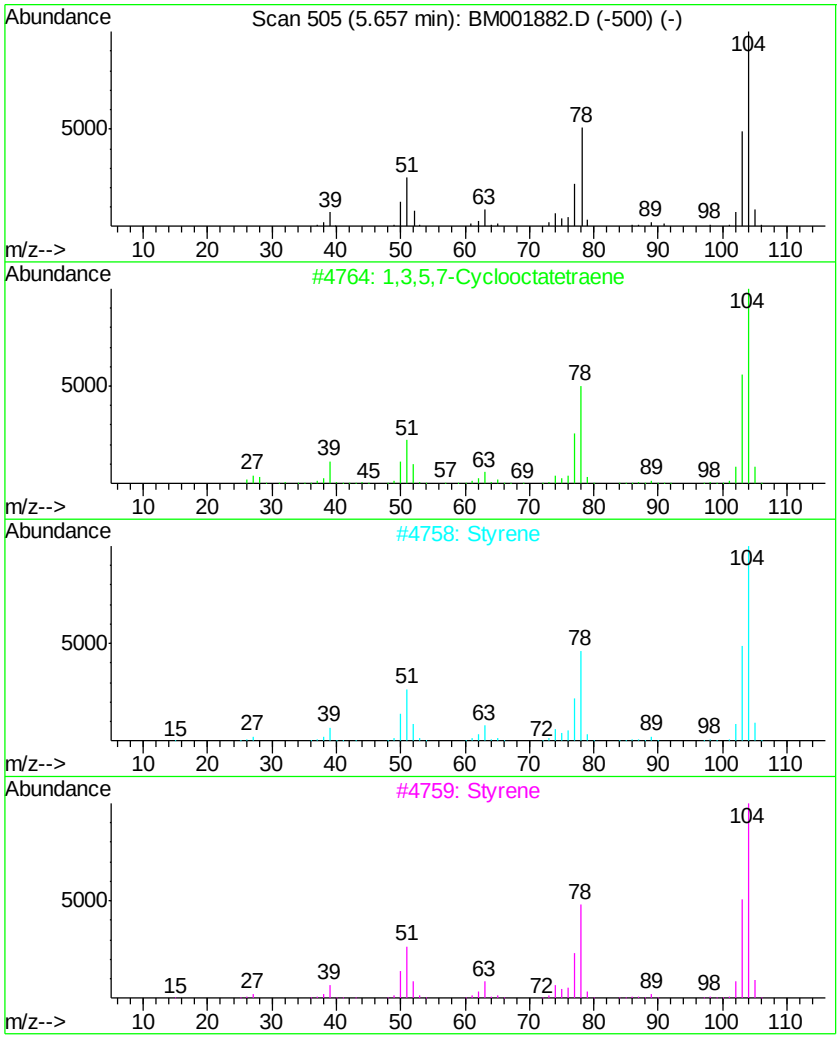
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

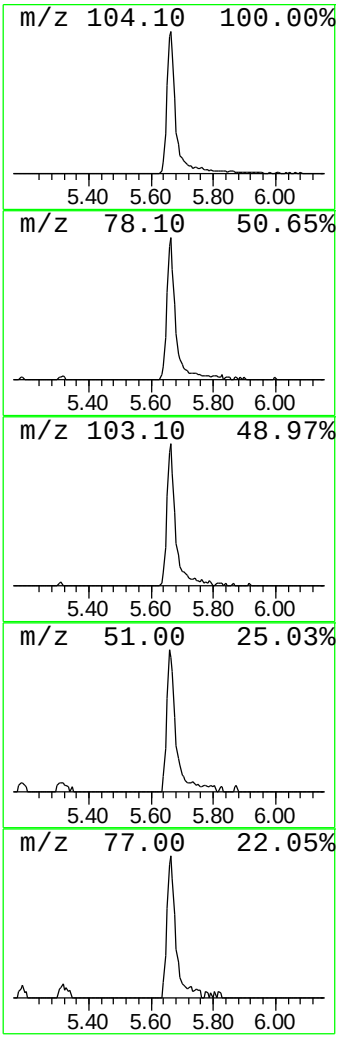
****

Peak Number 3 1,3,5,7-Cyclooctatetraene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	13.34 ng/ul	251152	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Styrene	104	C8H8	000100-42-5	96
3	Styrene	104	C8H8	000100-42-5	96
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

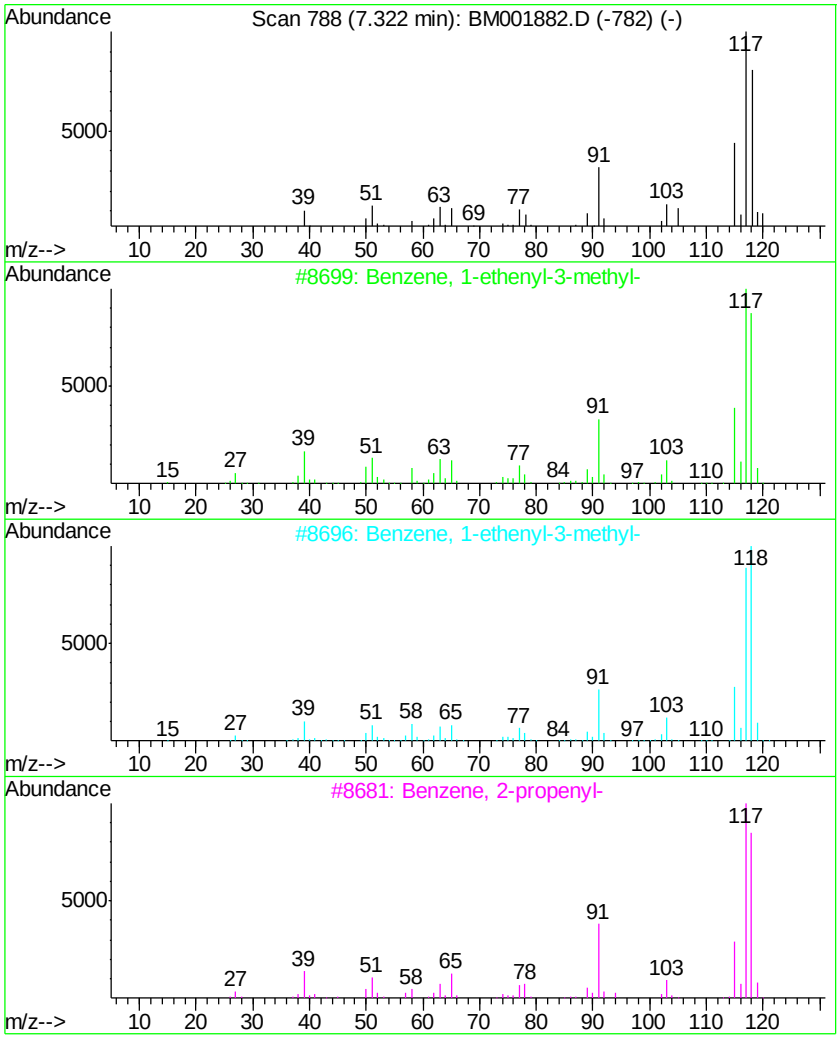
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

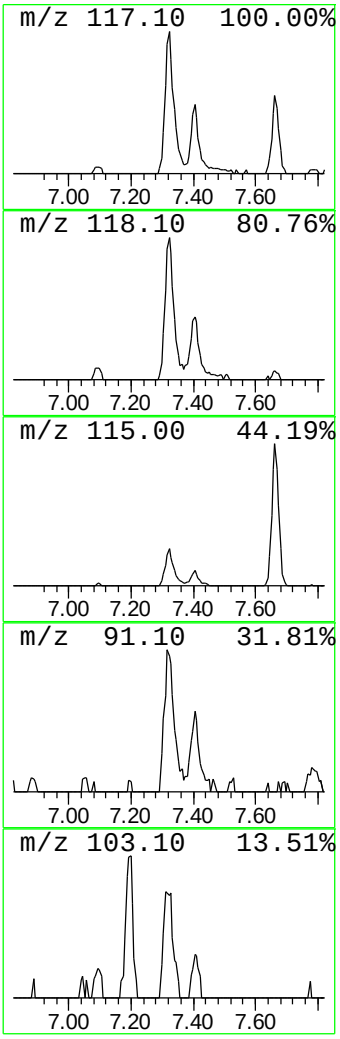
****

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	6.98 ng/ul	131419	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

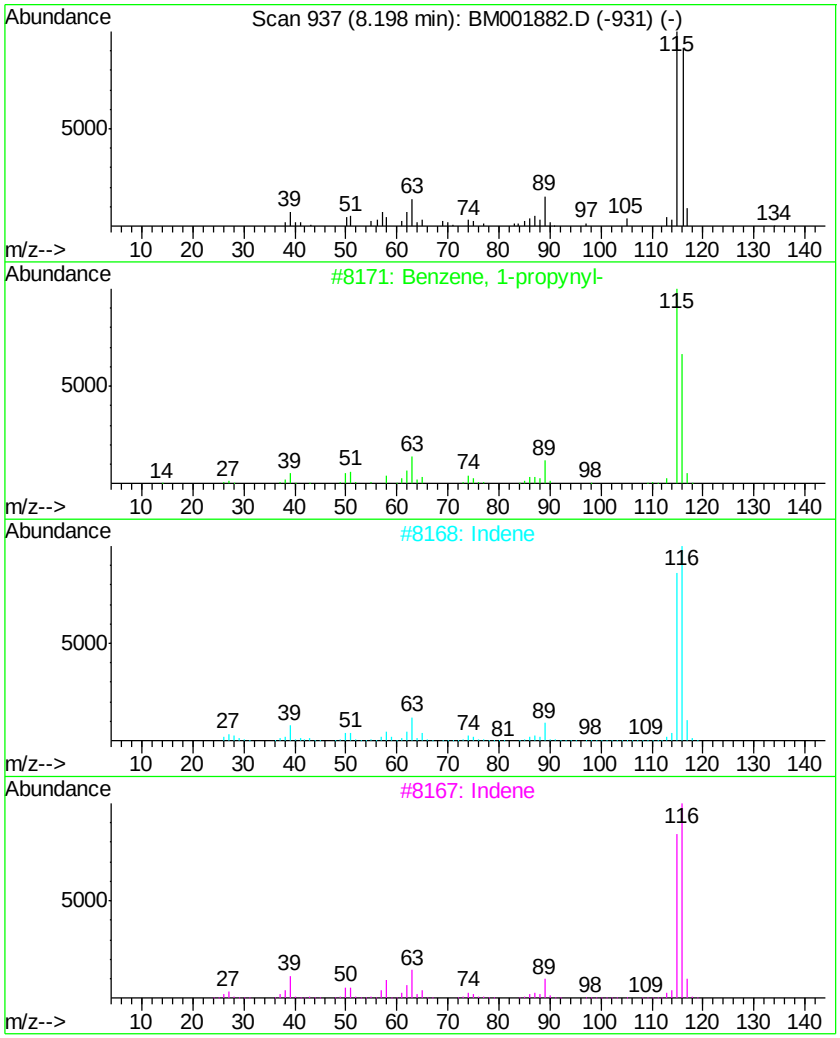
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

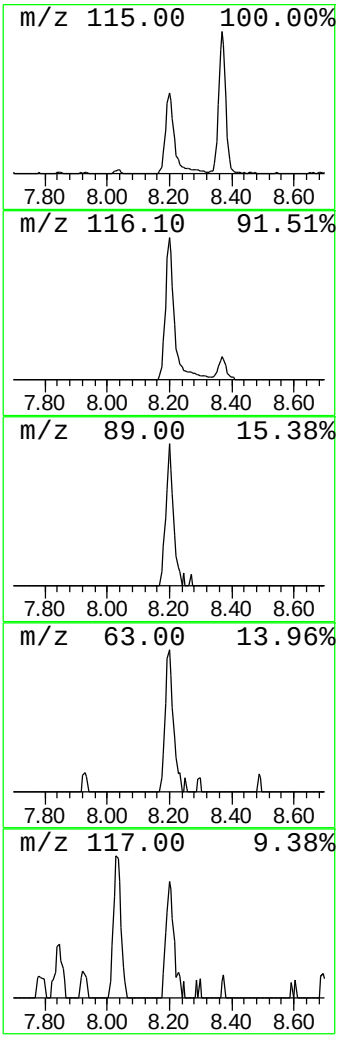
****

Peak Number 5 Benzene, 1-propynyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	8.51 ng/ul	160334	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

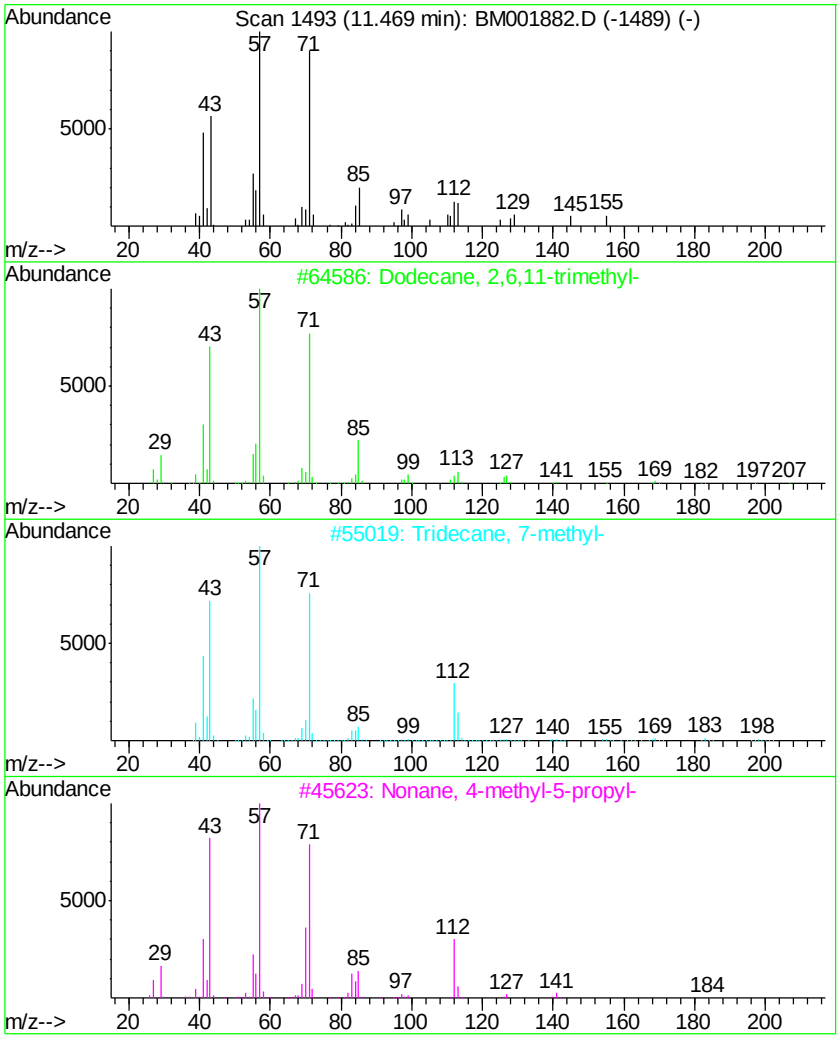
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

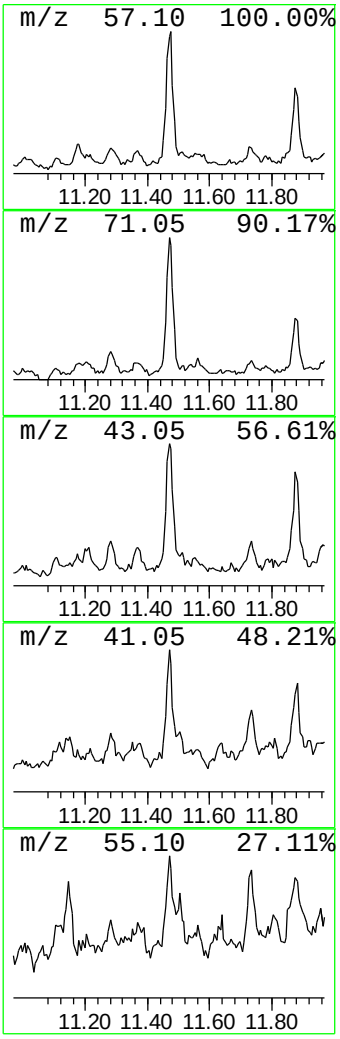
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	4.75 ng/ul	124917	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	59
4	Decane, 4-methyl-	156	C11H24	002847-72-5	59
5	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	53





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Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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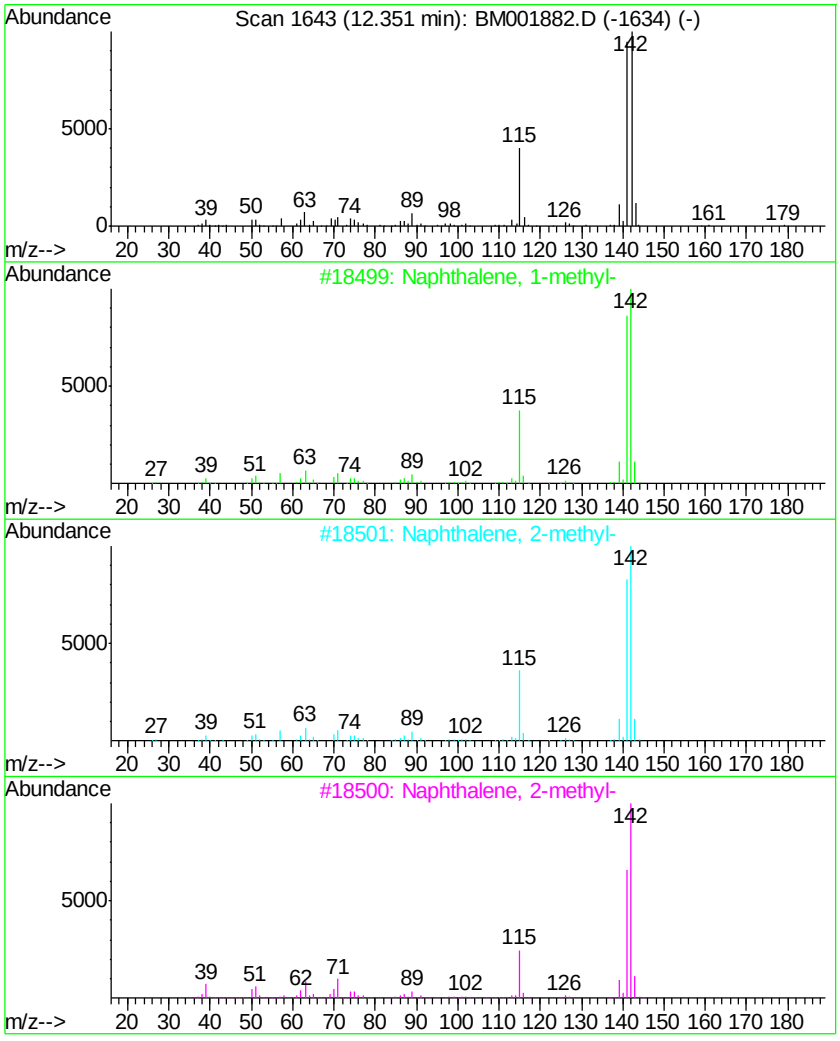
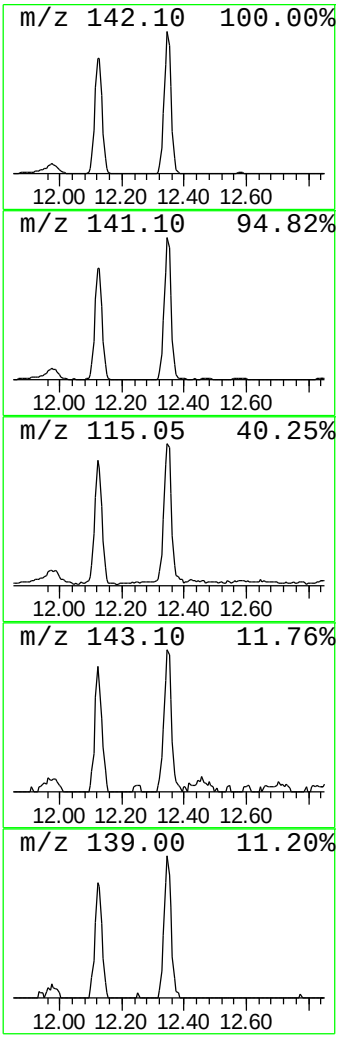
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	20.95 ng/ul	551428	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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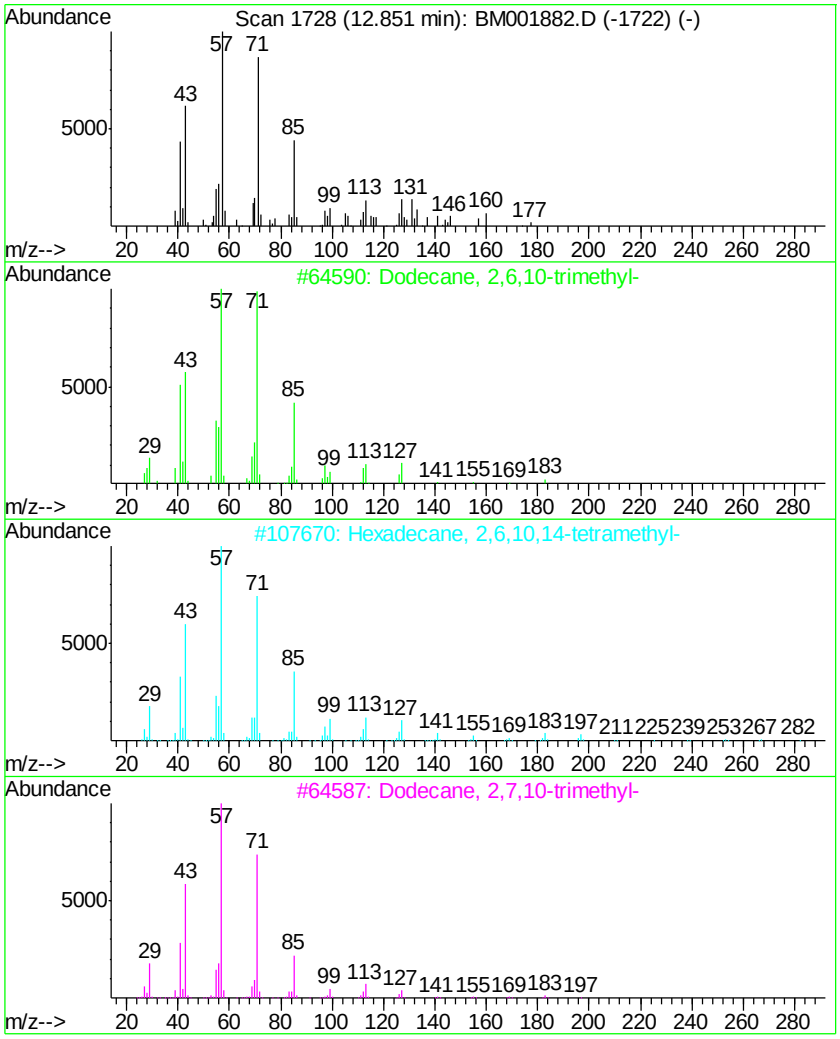
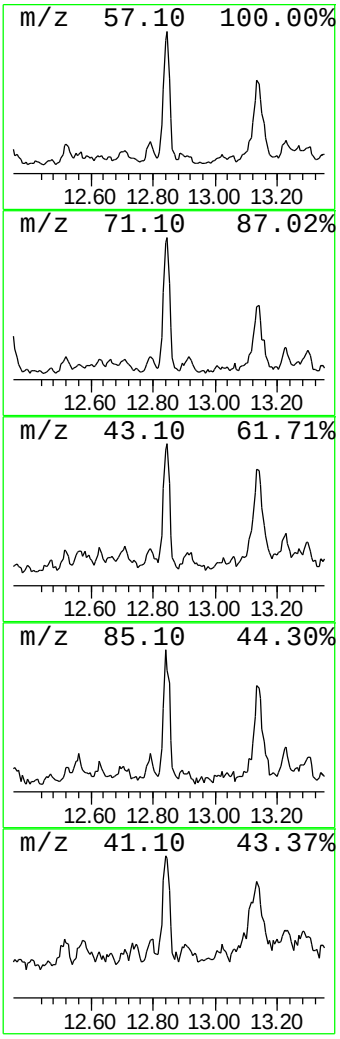
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.92 ng/ul	111287	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86





Library Search Compound Report

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Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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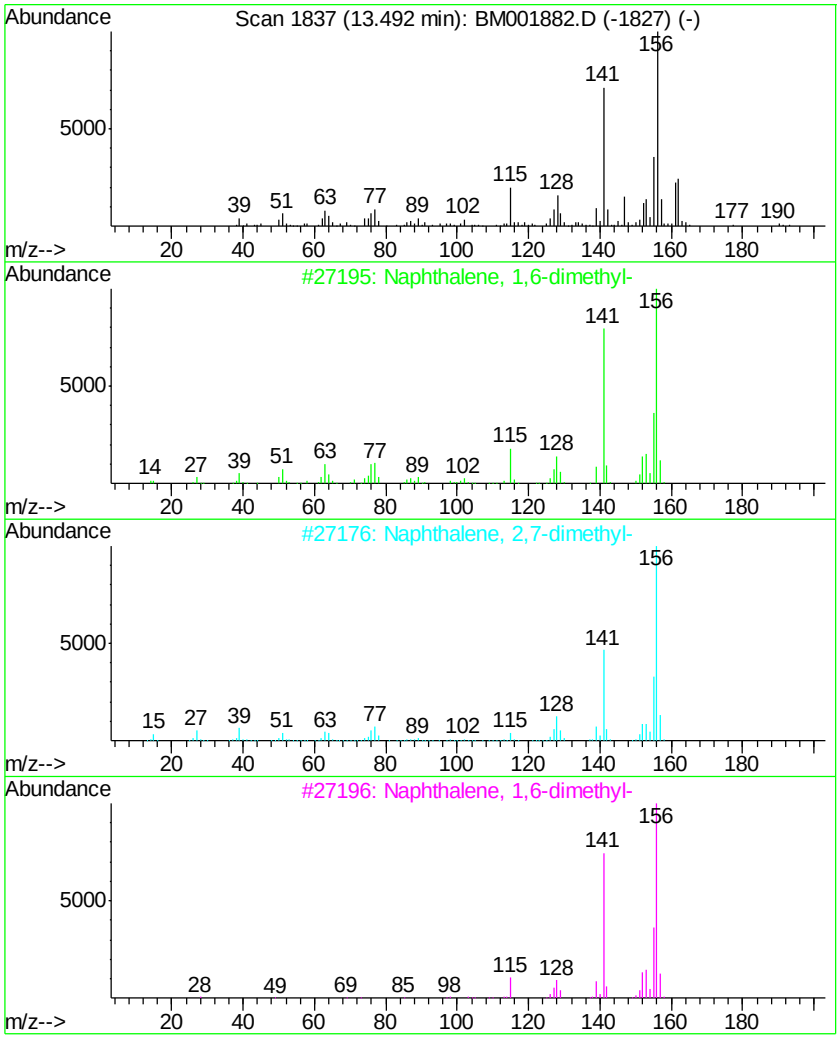
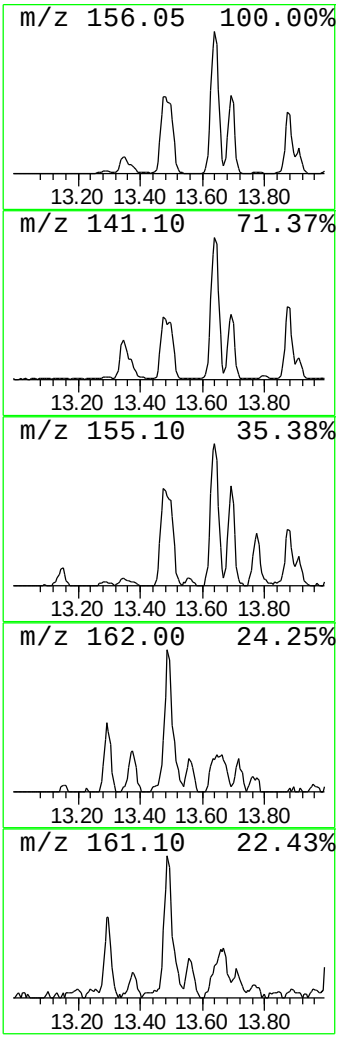
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	16.77 ng/ul	639943	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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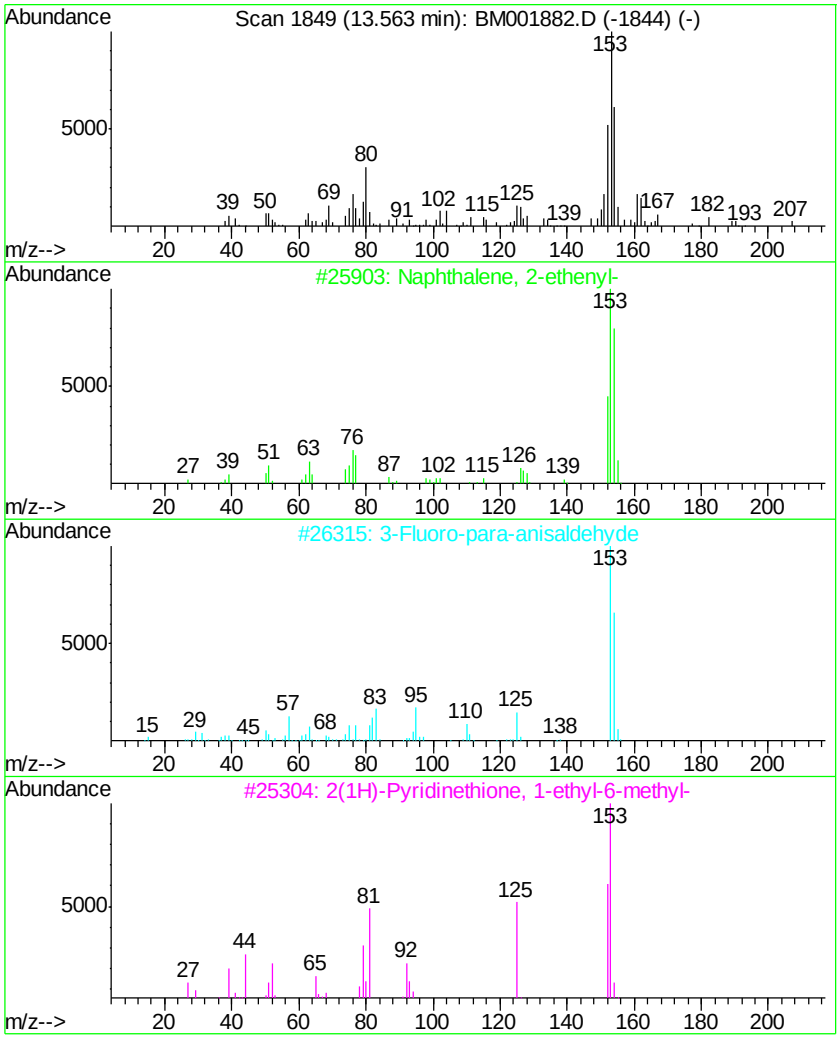
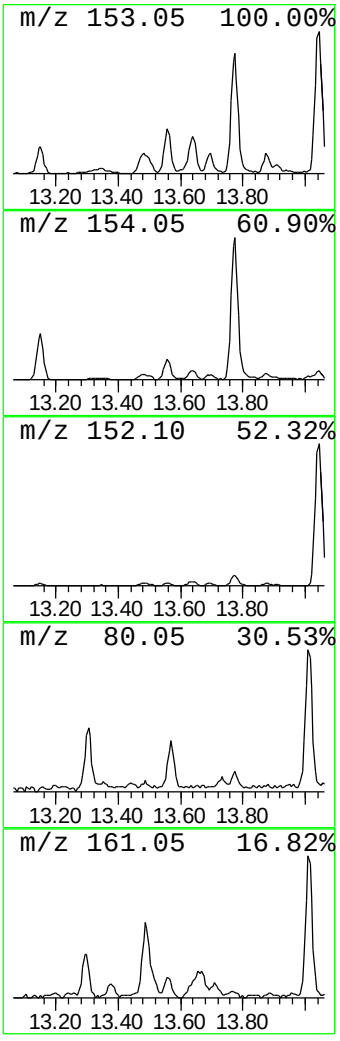
Peak Number 10 Naphthalene, 2-ethenyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.06 ng/ul	116736	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	55
2	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	47
3	2(1H)-Pyridinethione, 1-ethyl-6-...	153	C8H11NS	019006-73-6	47
4	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	47
5	2,3,4-Trihydroxybenzaldehyde	154	C7H6O4	002144-08-3	38





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Acq On : 08 Jul 2015 18:03
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Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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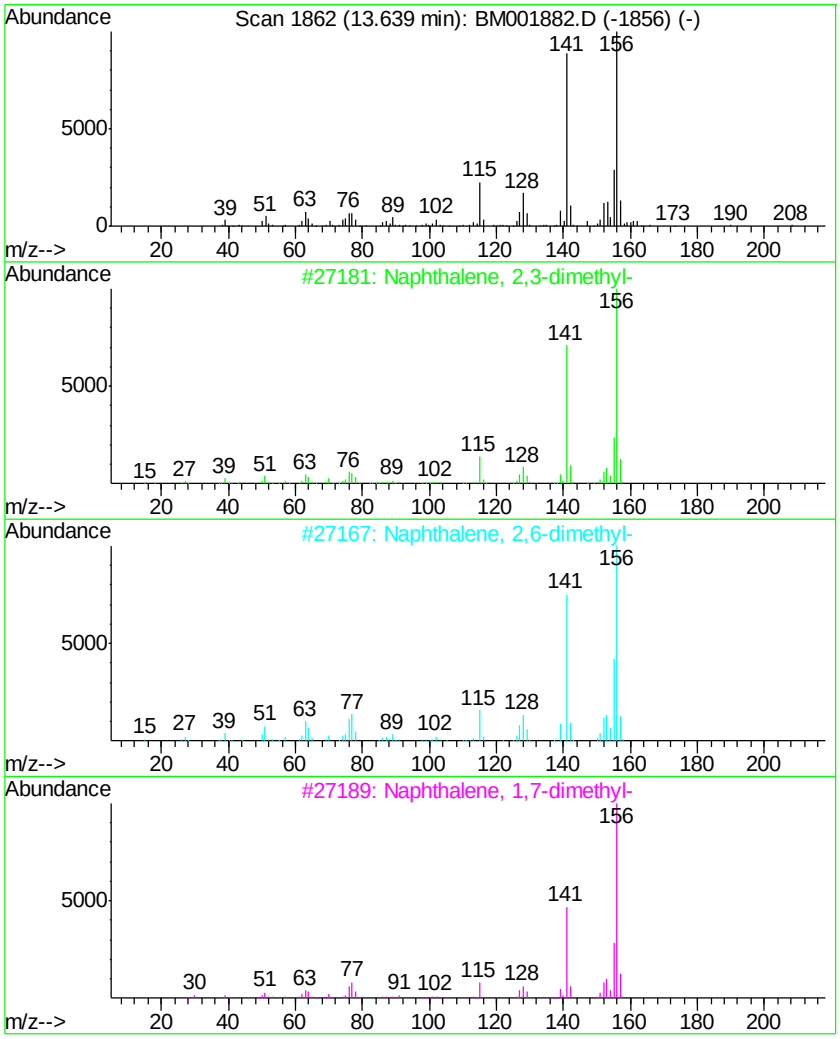
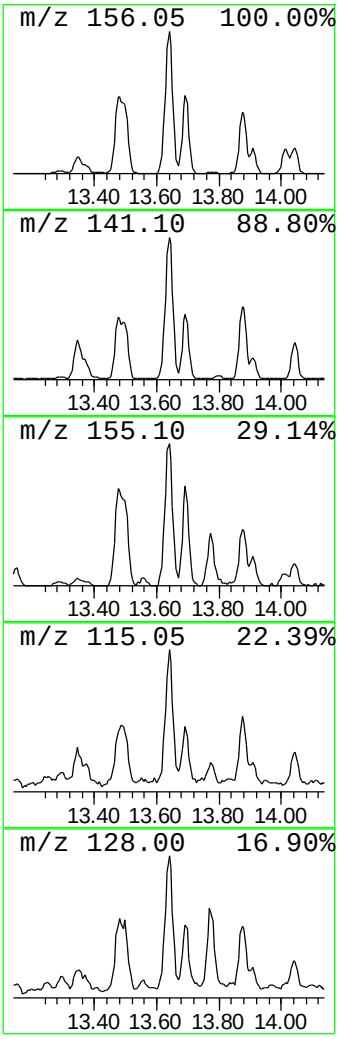
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	17.41 ng/ul	664340	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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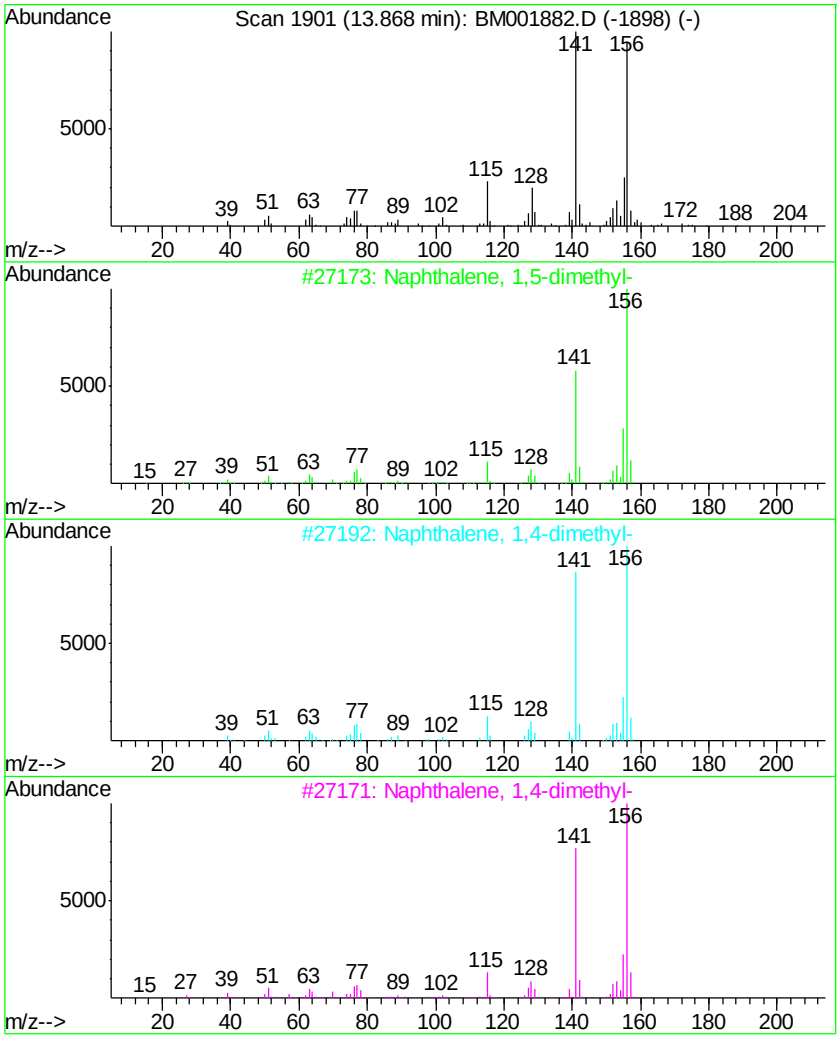
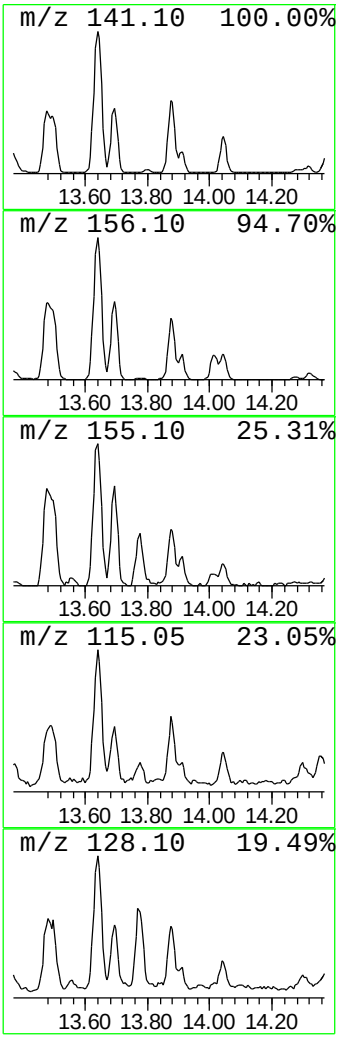
Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.06 ng/ul	193023	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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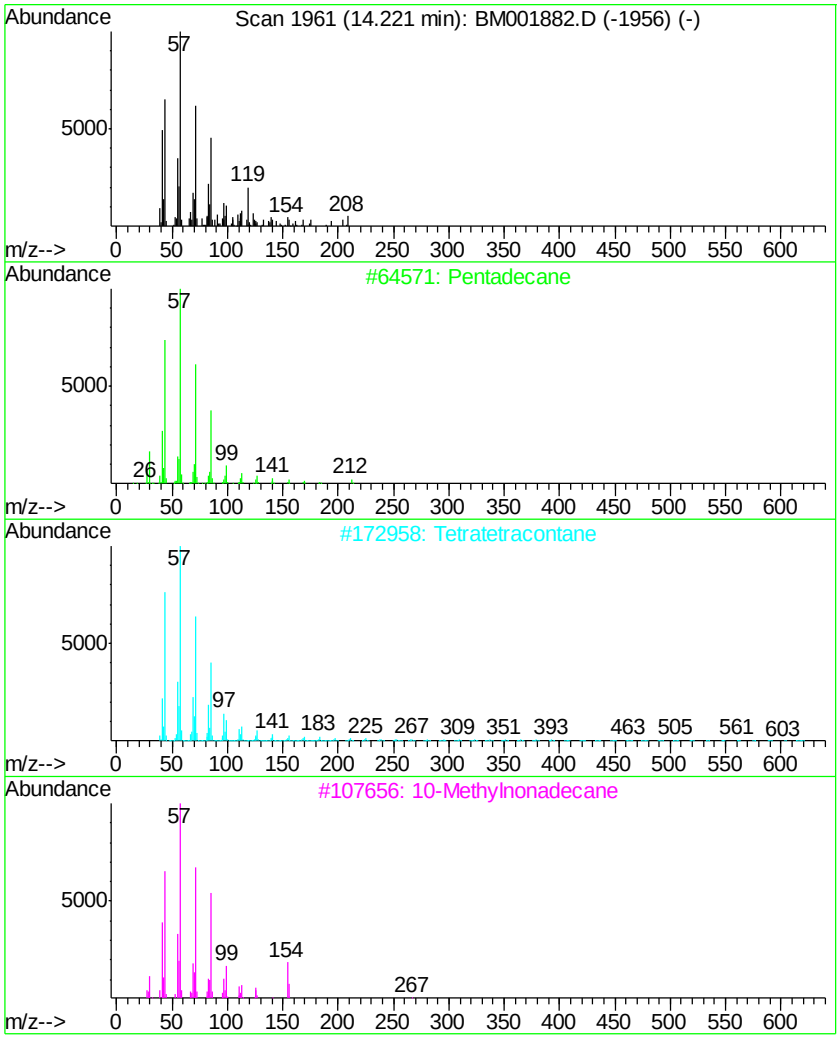
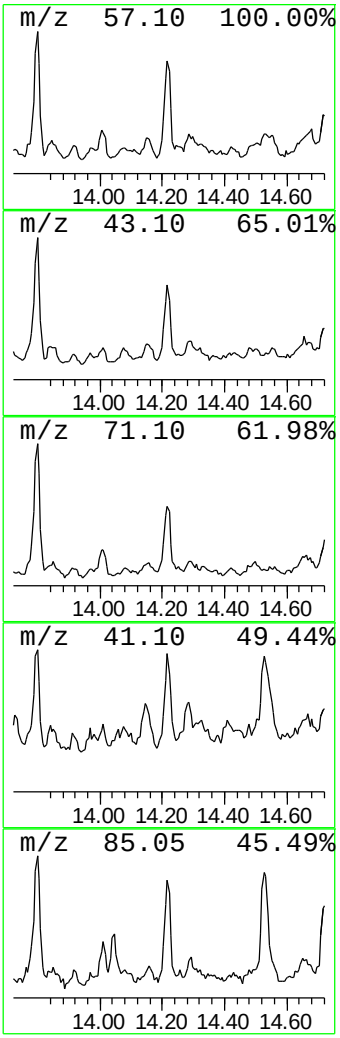
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.26 ng/ul	124220	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	89
2	Tetratetracontane	619	C44H90	007098-22-8	74
3	10-Methylnonadecane	282	C20H42	056862-62-5	74
4	Tridecane	184	C13H28	000629-50-5	64
5	Tetradecane	198	C14H30	000629-59-4	64





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Acq On : 08 Jul 2015 18:03
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Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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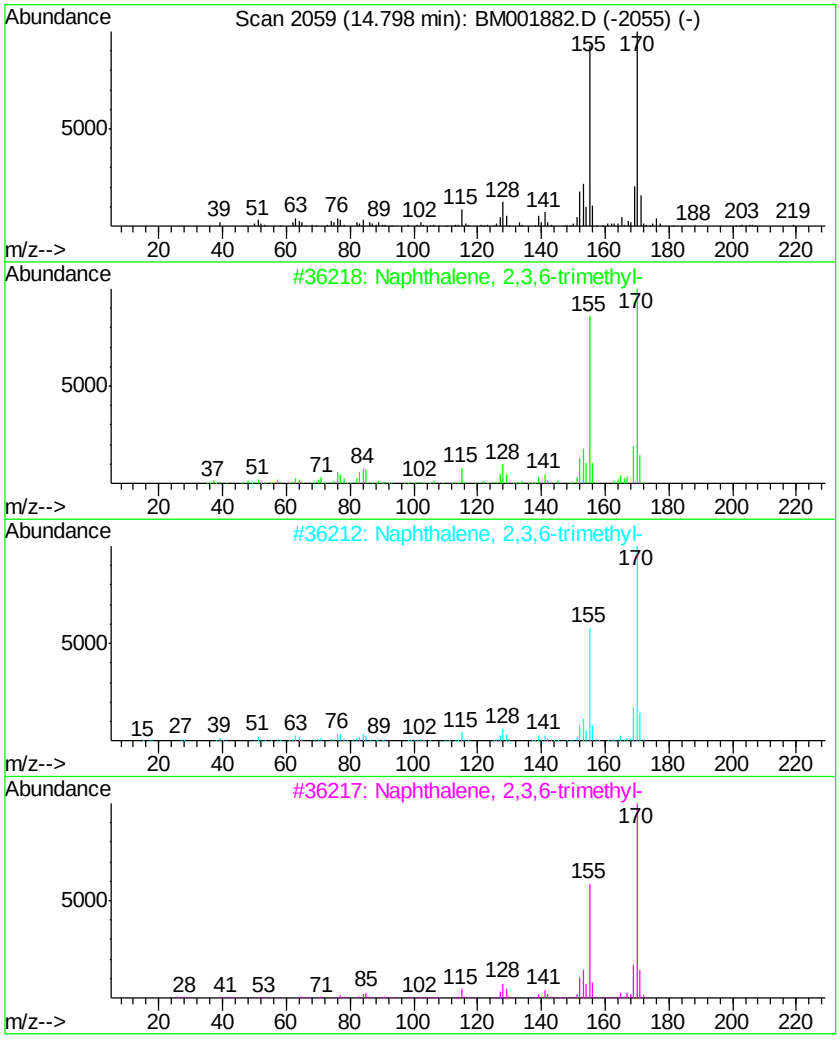
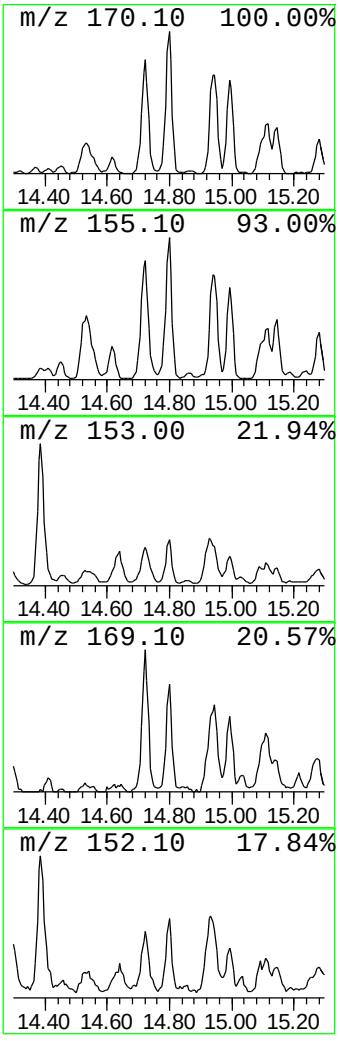
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.42 ng/ul	283036	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96





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Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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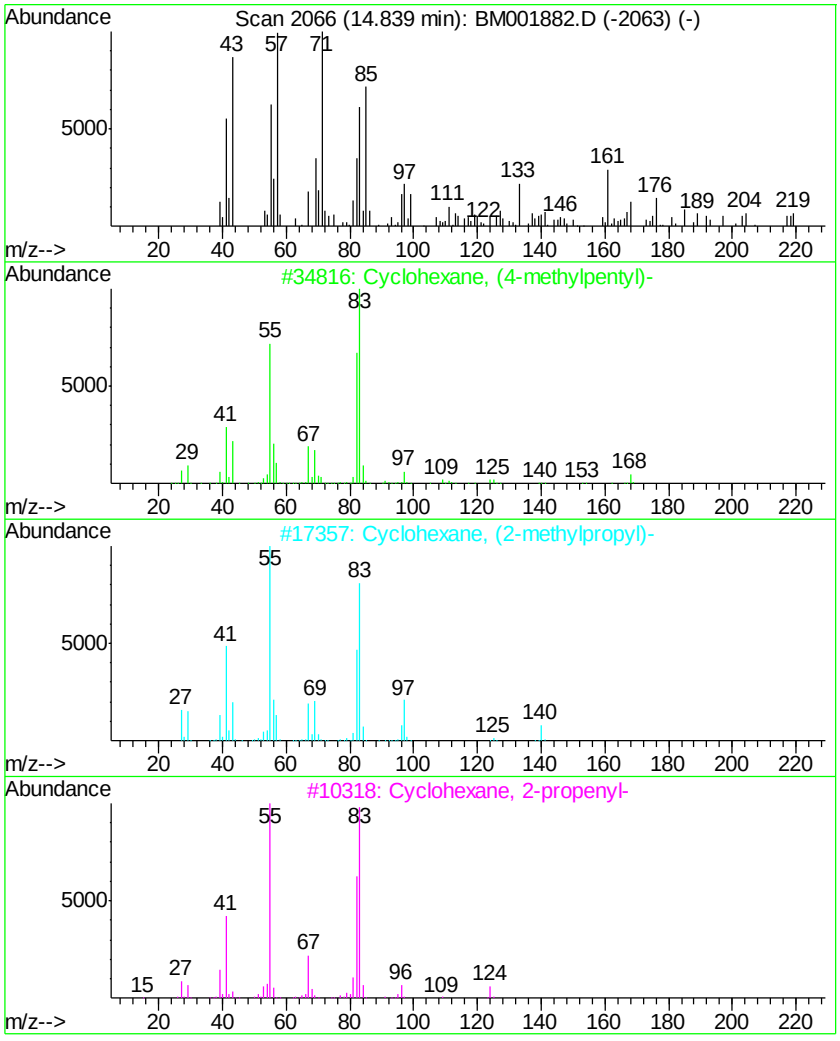
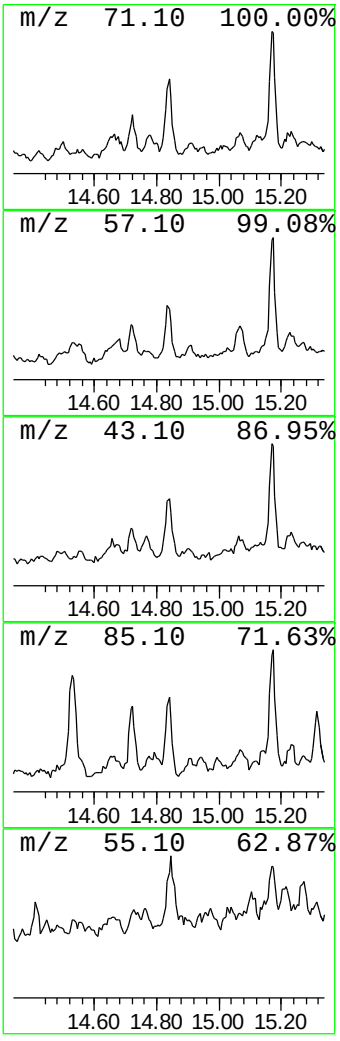
Peak Number 15 (DEL) Alkane: Cyclic14.84 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.37 ng/ul	204938	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	41
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	38
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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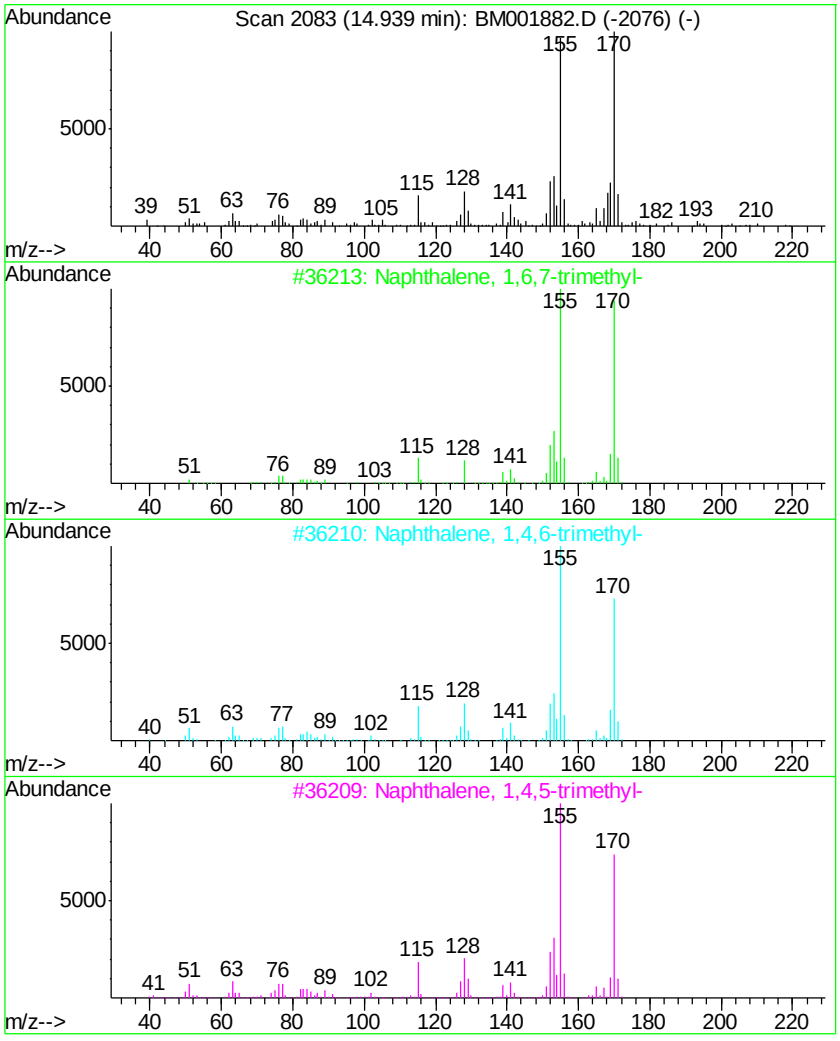
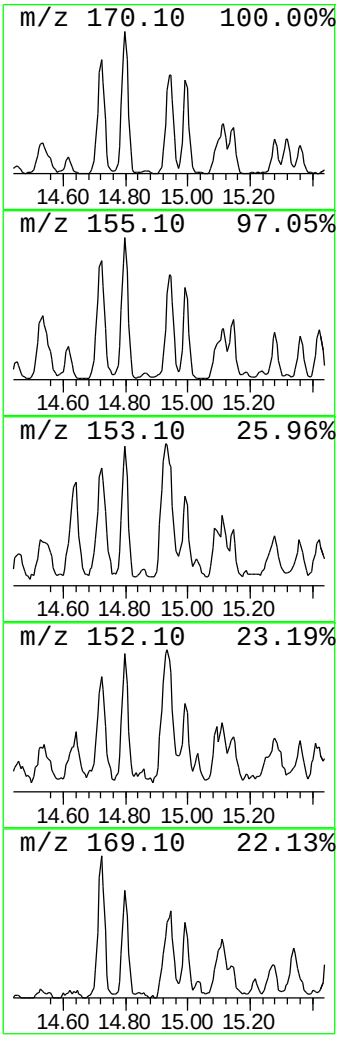
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	13.70 ng/ul	522794	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93





Library Search Compound Report

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Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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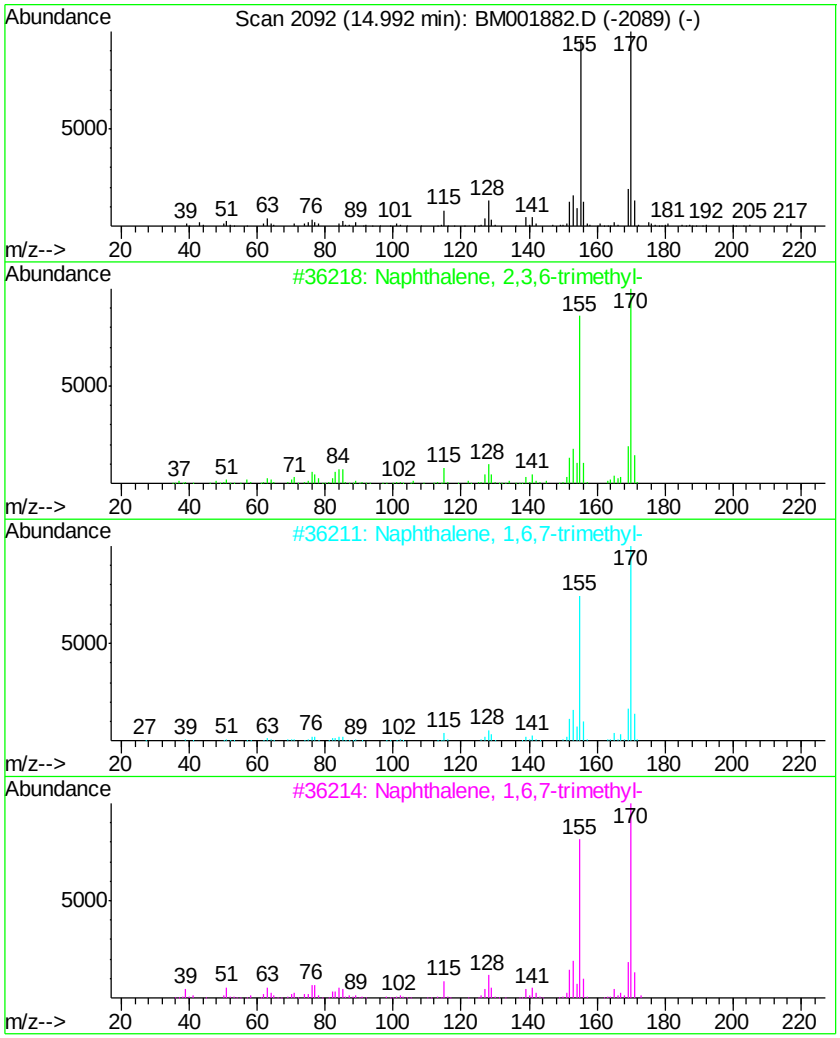
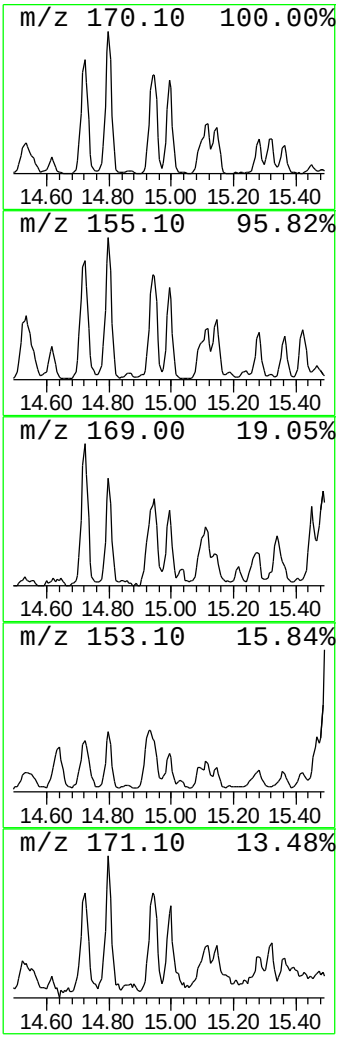
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	4.50 ng/ul	171791	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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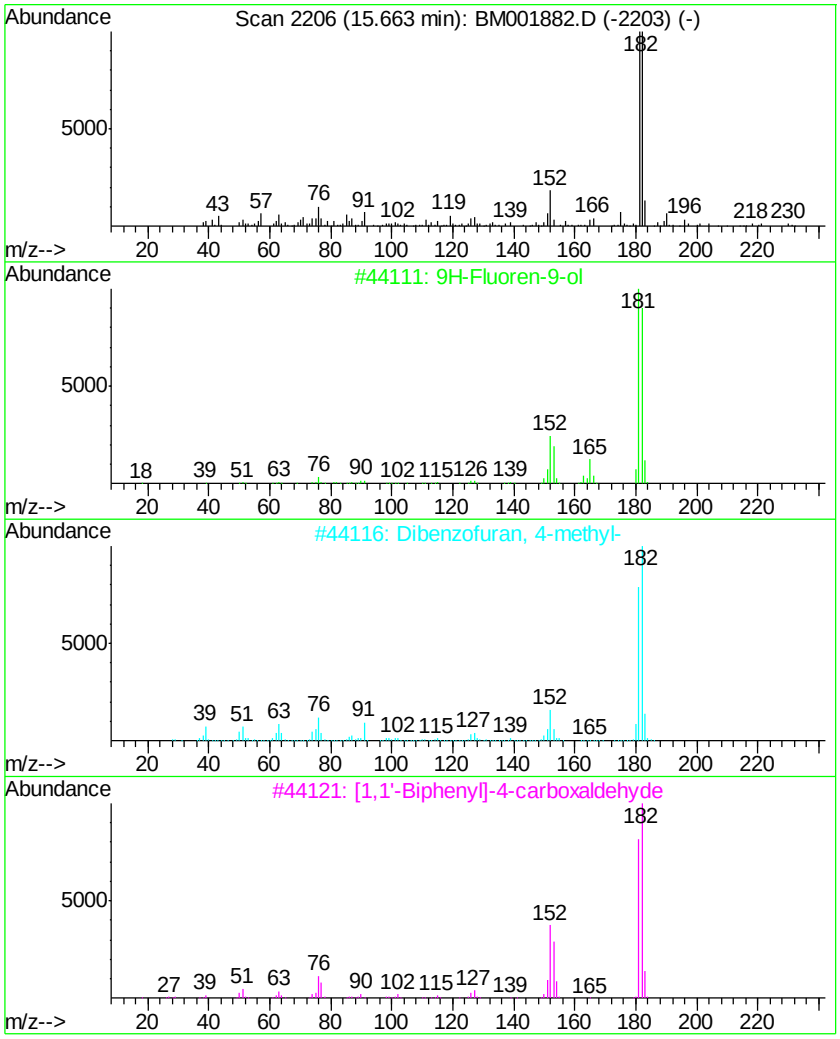
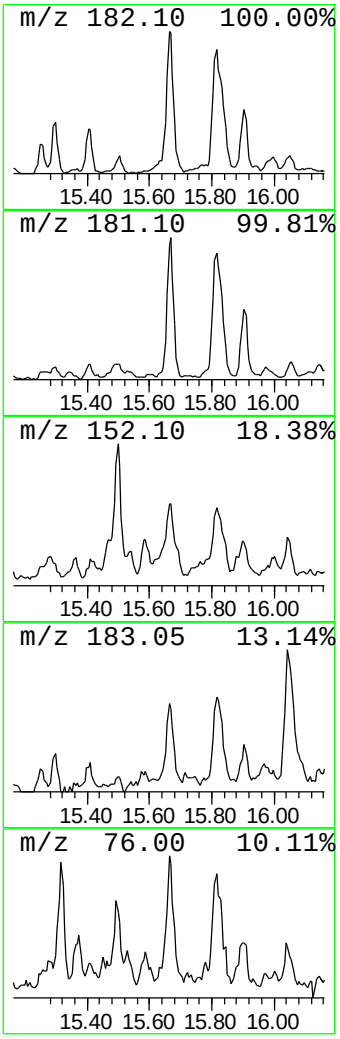
Peak Number 19 9H-Fluoren-9-ol Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.96 ng/ul	265693	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	56
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55





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Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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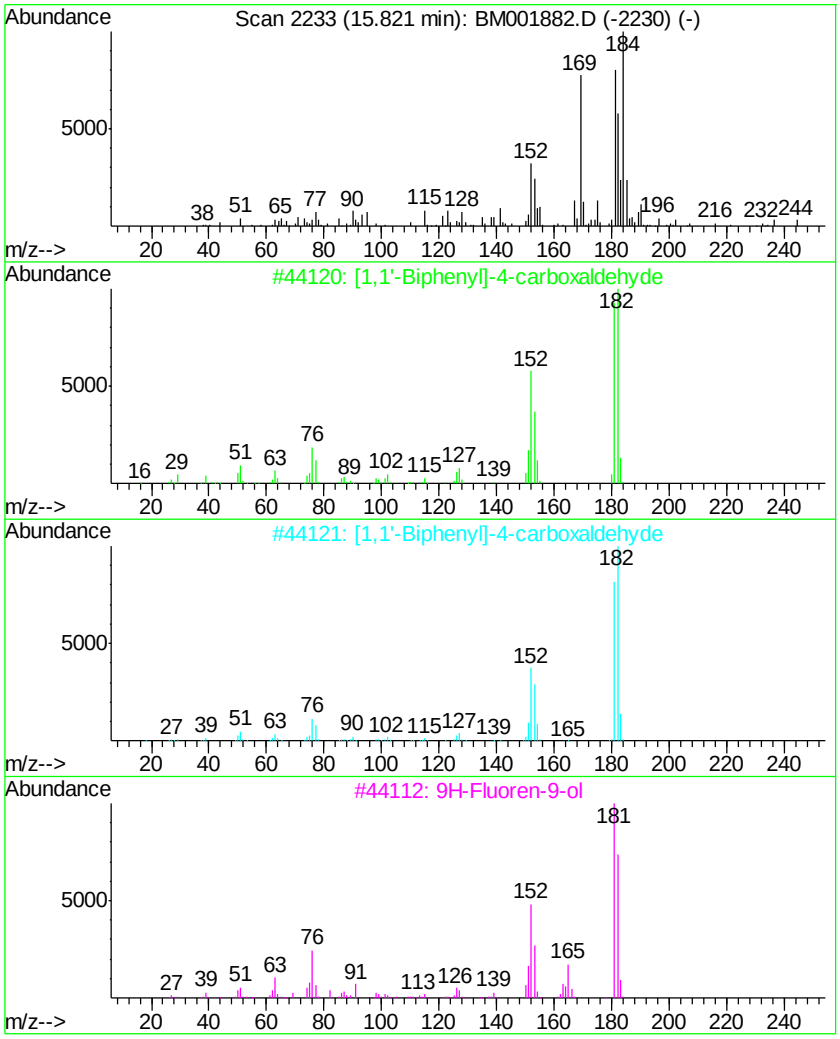
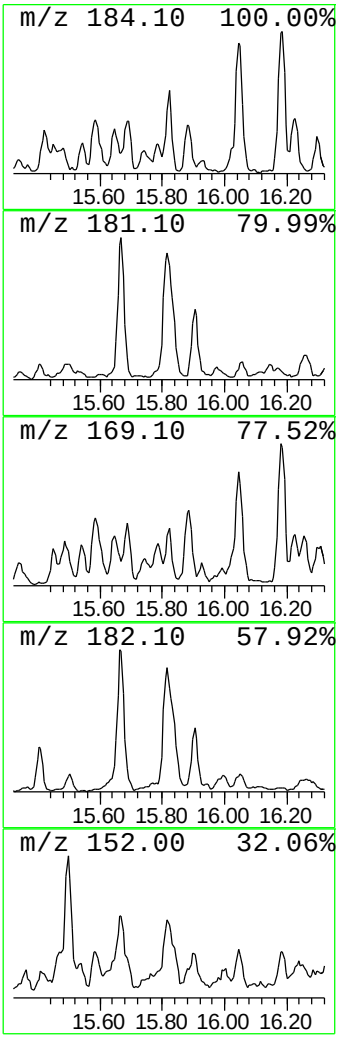
Peak Number 21 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	9.15 ng/ul	272417	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	60
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	52
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	52





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Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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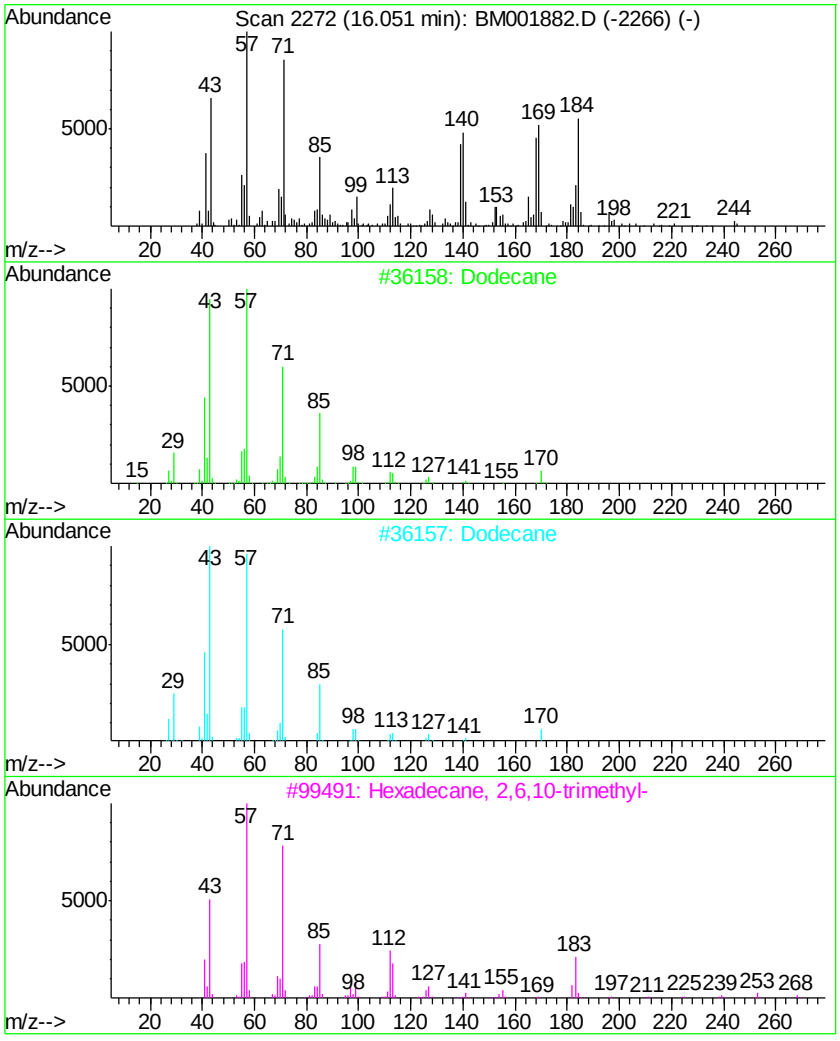
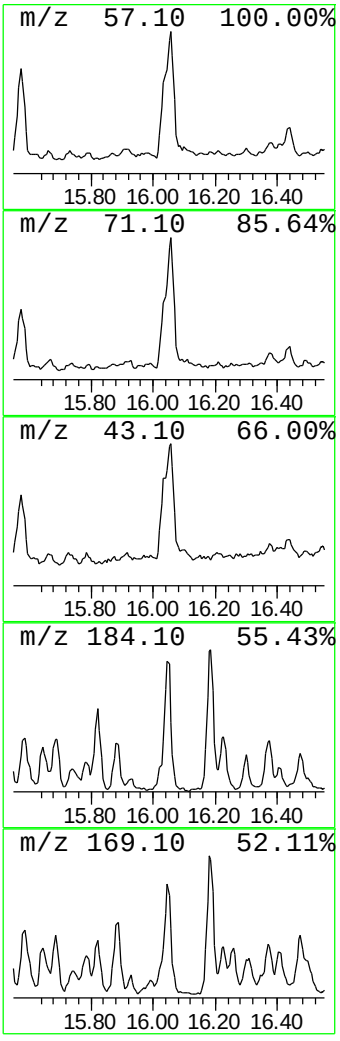
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	22.99 ng/ul	684136	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	35
2	Dodecane	170	C12H26	000112-40-3	35
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	30
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	30
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	25





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Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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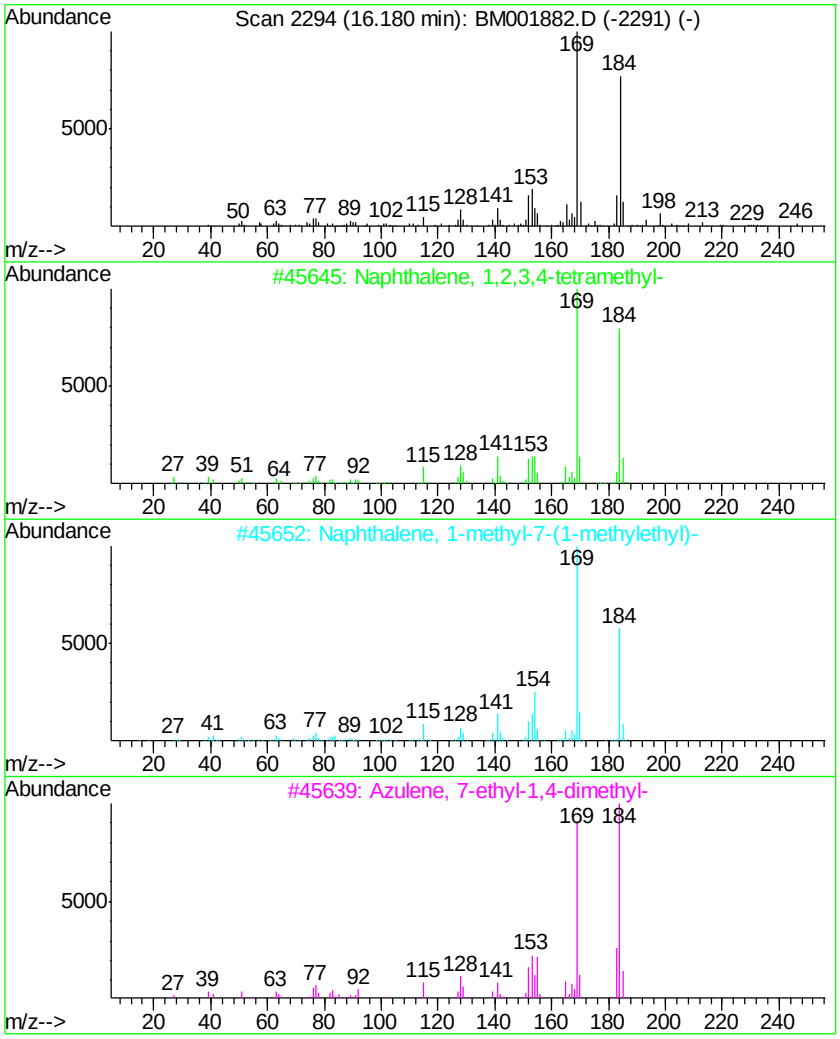
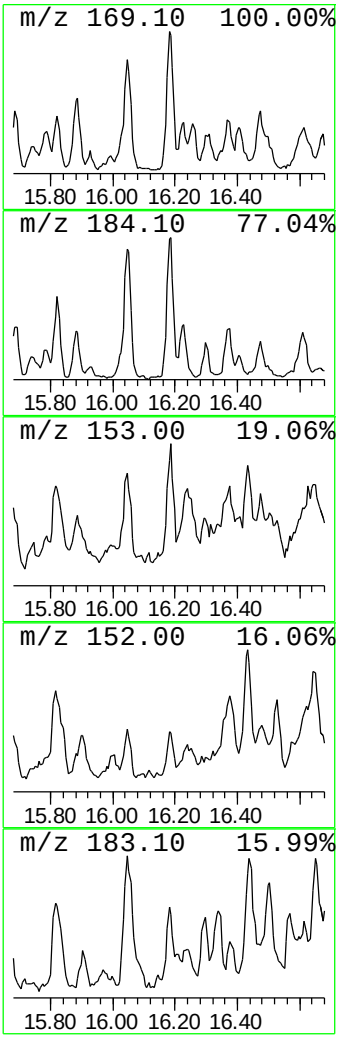
Peak Number 23 Naphthalene, 1,2,3,4-tetram... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	4.96 ng/ul	147687	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	94
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
3	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	90
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	86
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	80





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Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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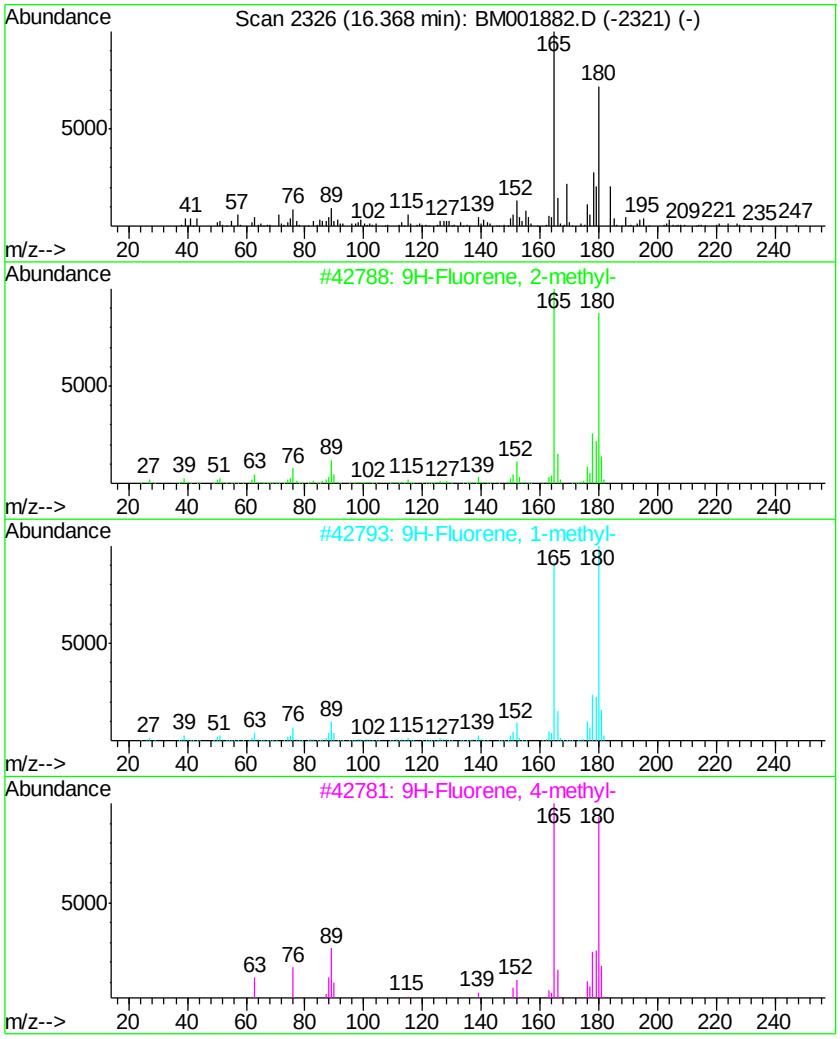
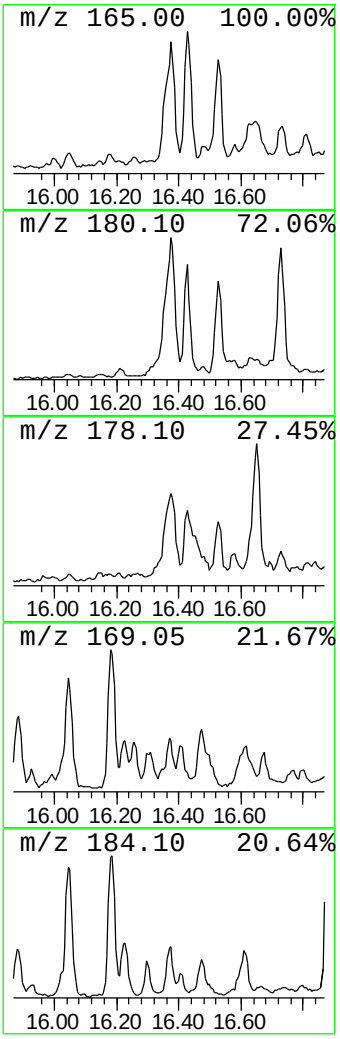
Peak Number 24 9H-Fluorene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	15.96 ng/ul	474800	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70





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Acq On : 08 Jul 2015 18:03
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Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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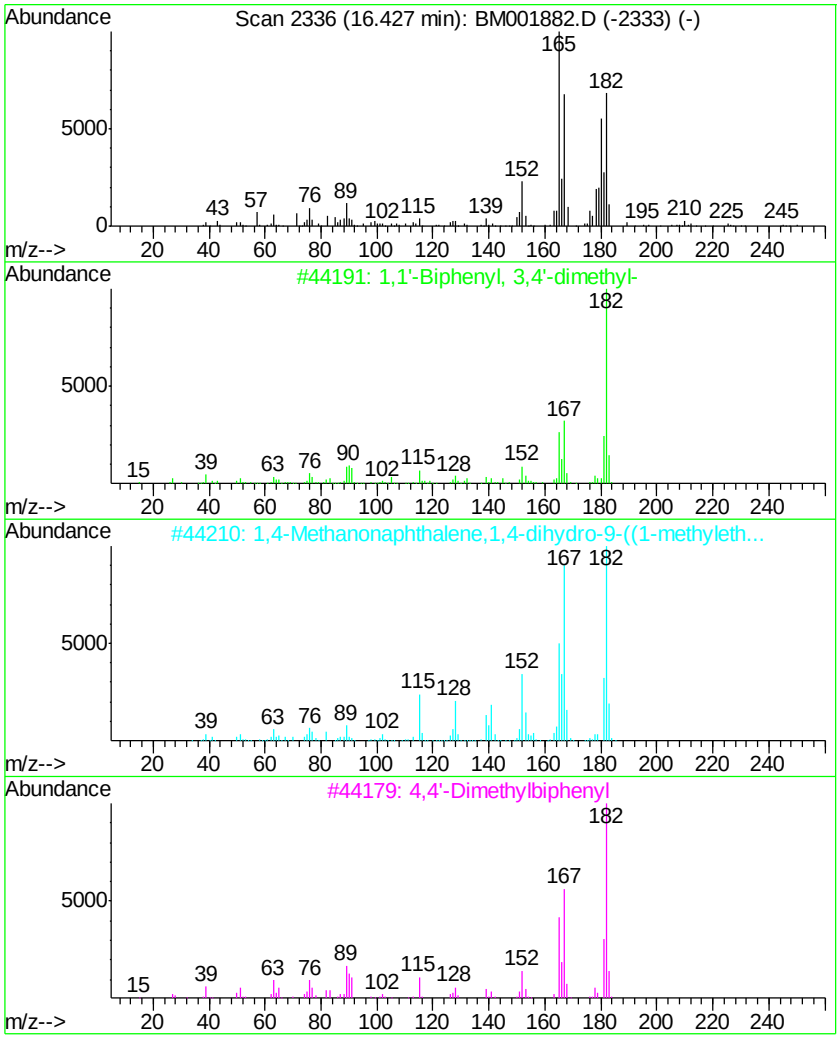
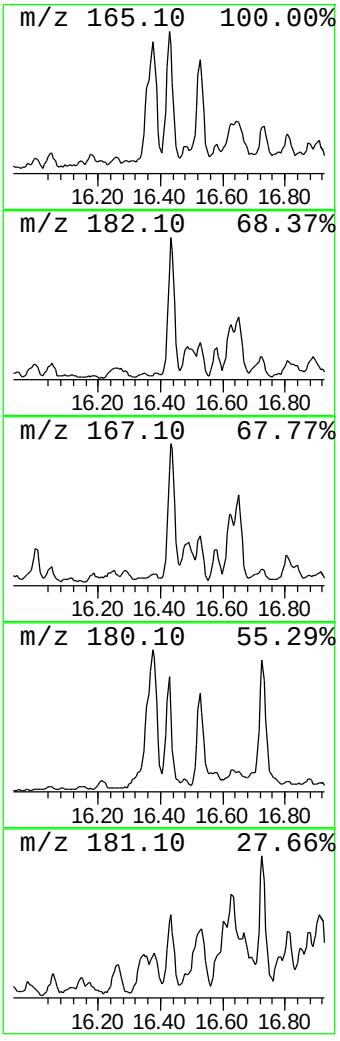
Peak Number 25 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	13.76 ng/ul	409454	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	81
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	76
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	76
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	76
5	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	70





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Sample : G2860-20
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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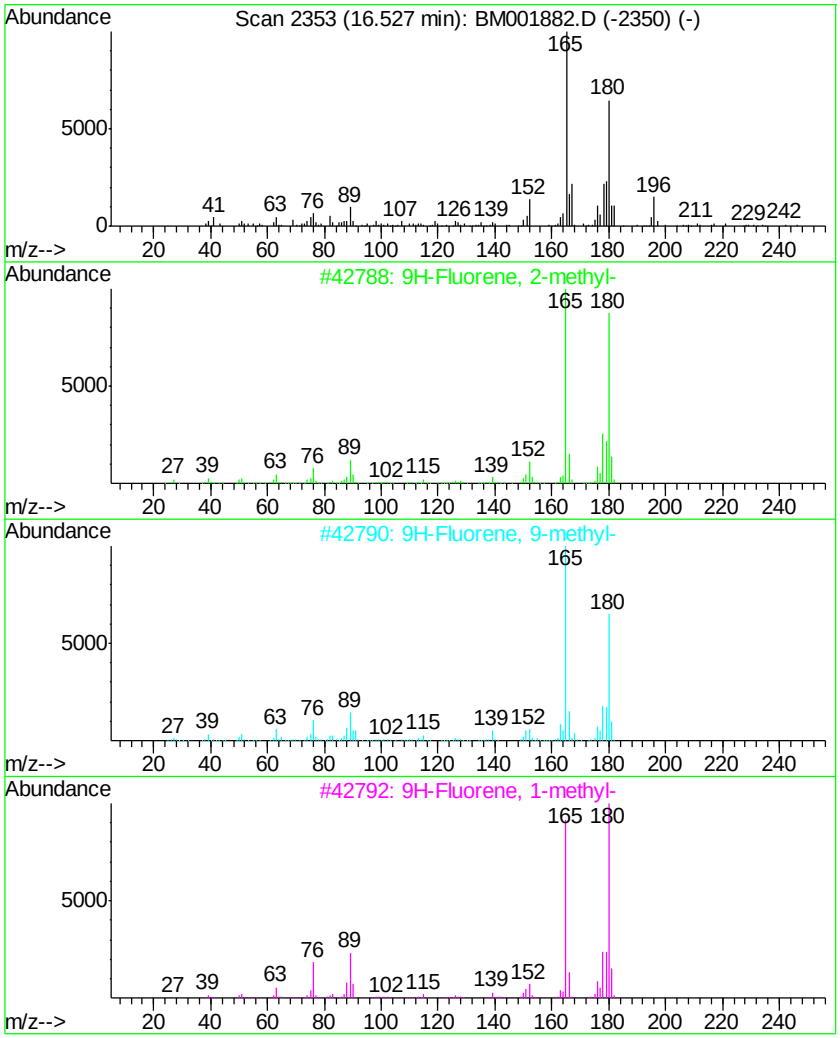
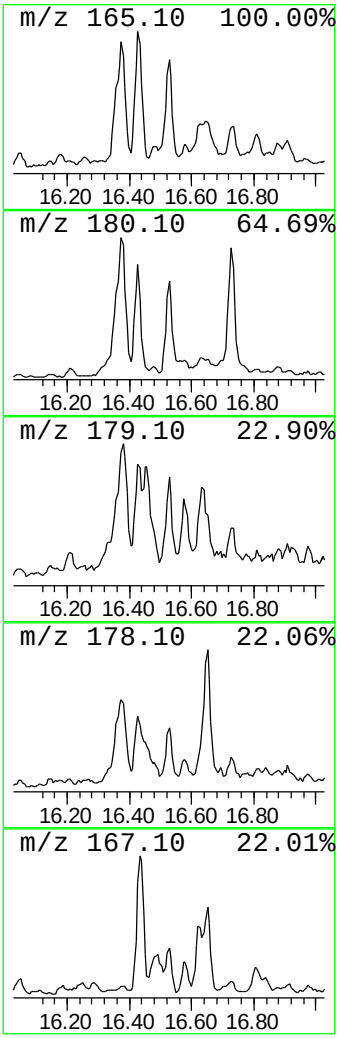
Peak Number 26 9H-Fluorene, 9-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	9.50 ng/ul	282691	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64





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Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

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Quant Title : SVOA CALIBRATION

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

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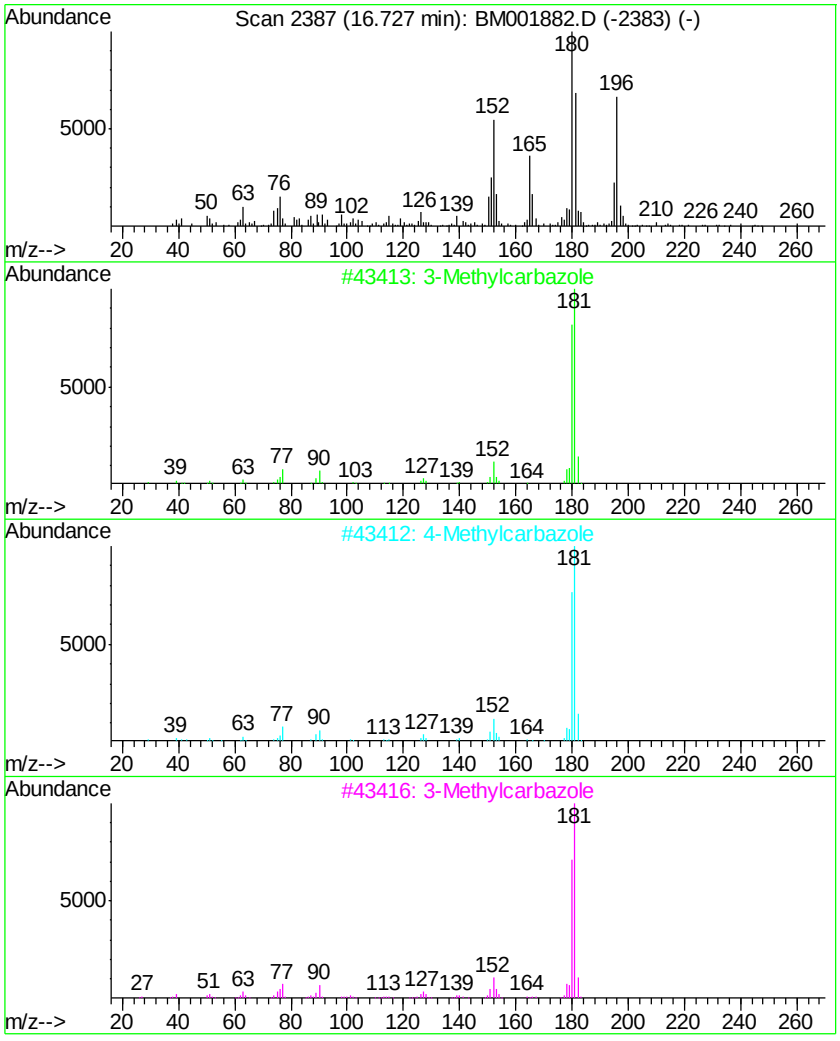
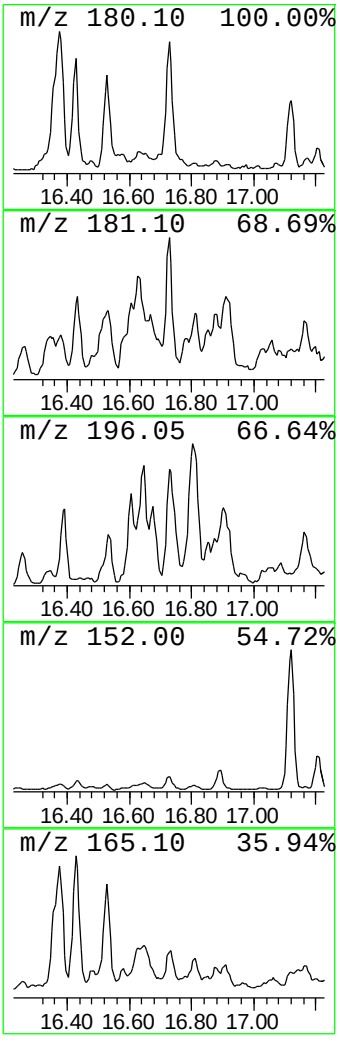
Peak Number 27 3-Methylcarbazole Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	11.92 ng/ul	354667	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	60
2	4-Methylcarbazole	181	C13H11N	003770-48-7	50
3	3-Methylcarbazole	181	C13H11N	004630-20-0	50
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	50





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Sample : G2860-20
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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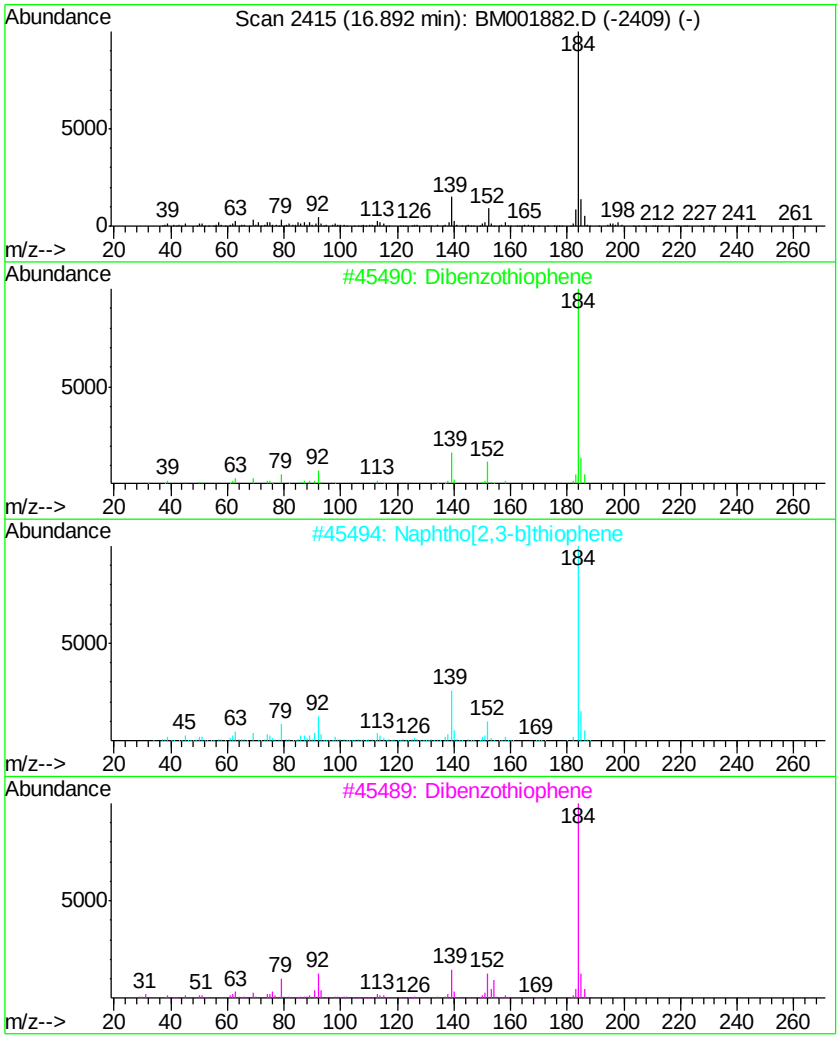
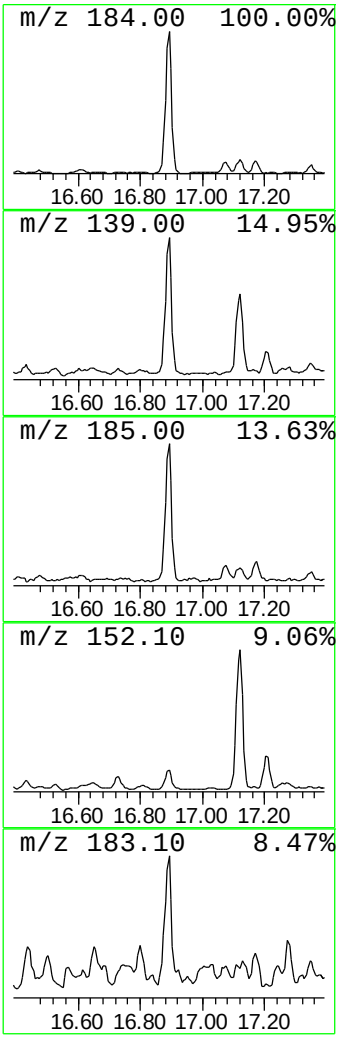
Peak Number 28 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	46.33 ng/ul	1378630	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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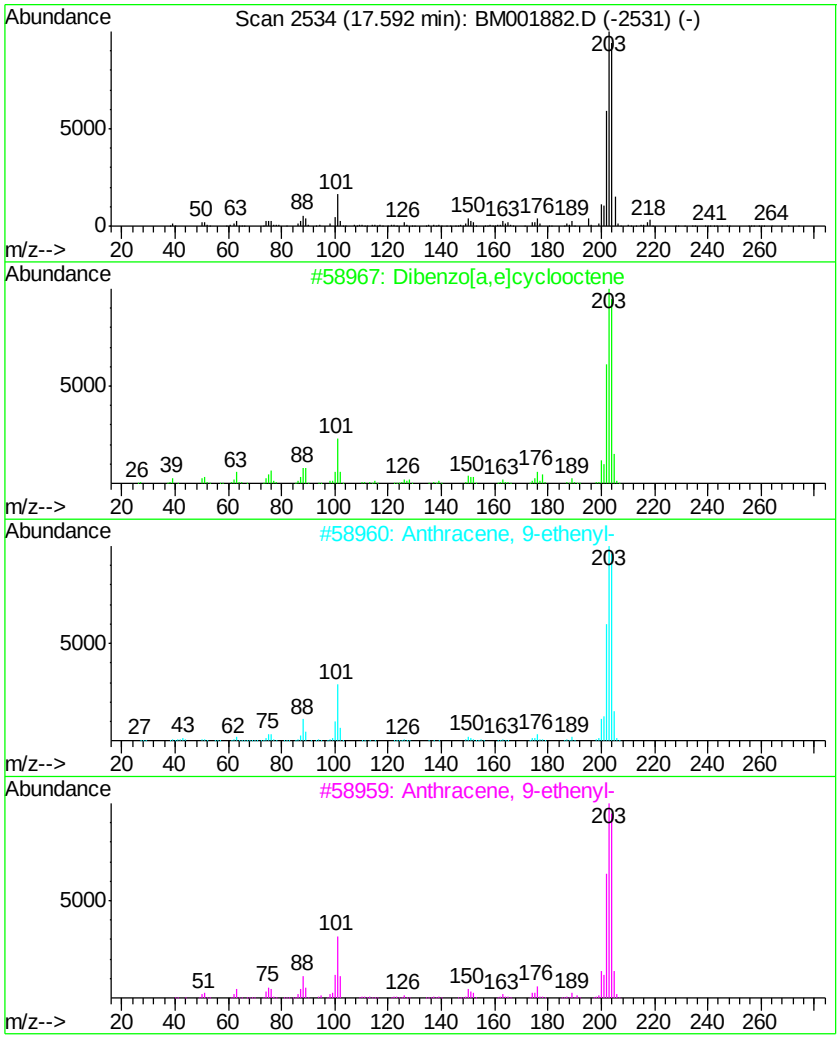
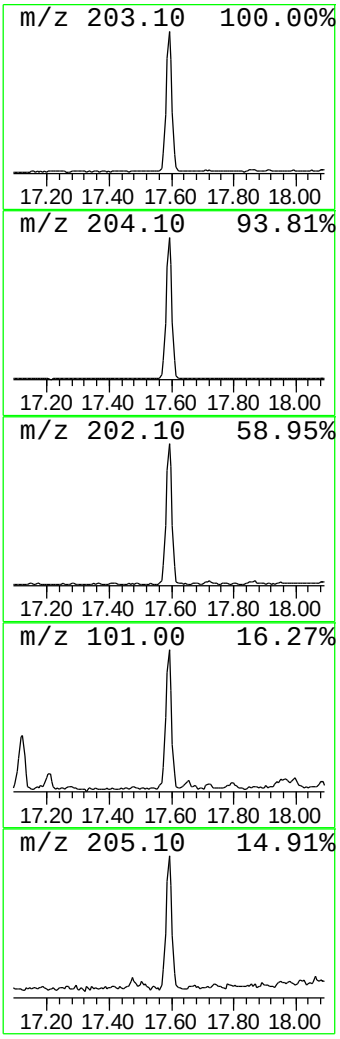
Peak Number 29 Dibenzo[a,e]cyclooctene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	15.41 ng/ul	458572	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	95
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	70





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Quant Title : SVOA CALIBRATION

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

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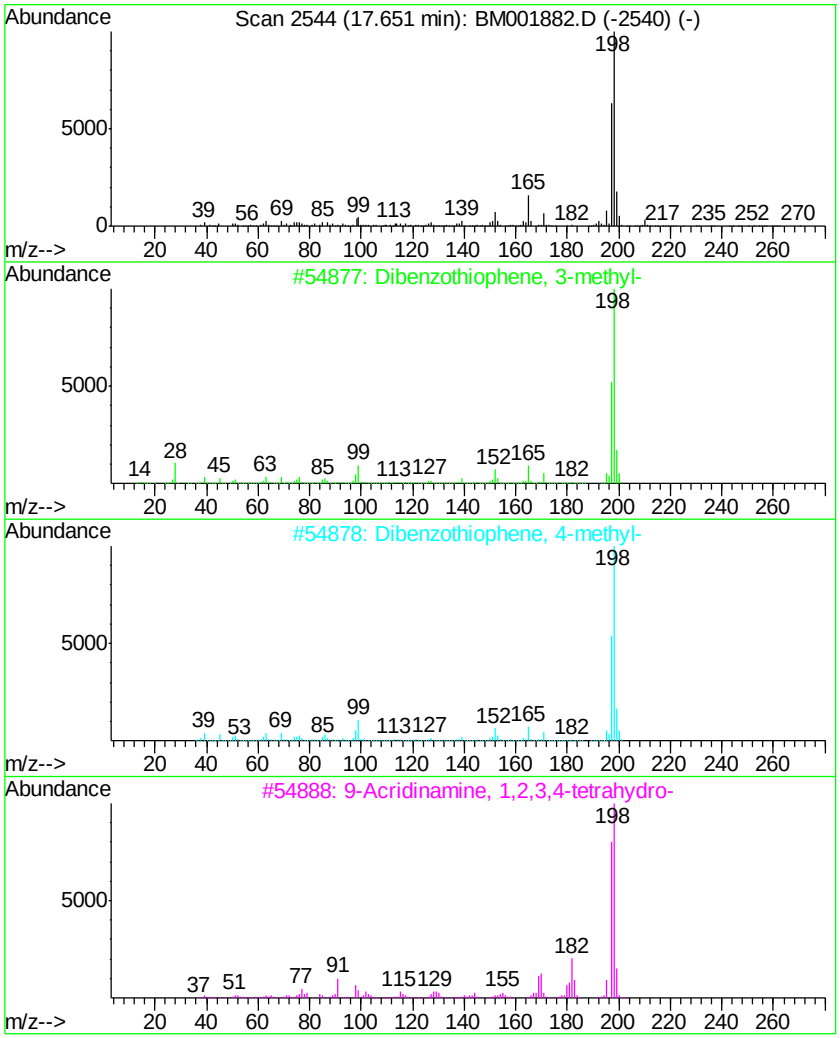
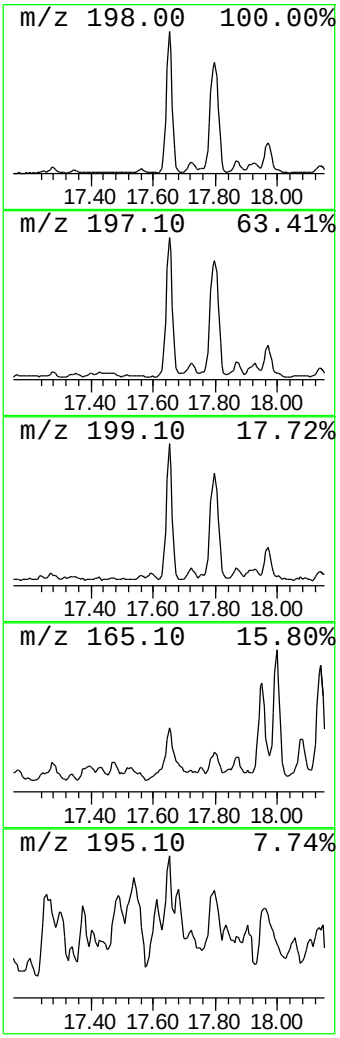
Peak Number 30 Dibenzothiophene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	29.52 ng/ul	878411	Phenanthrene-d10	17.07

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	93
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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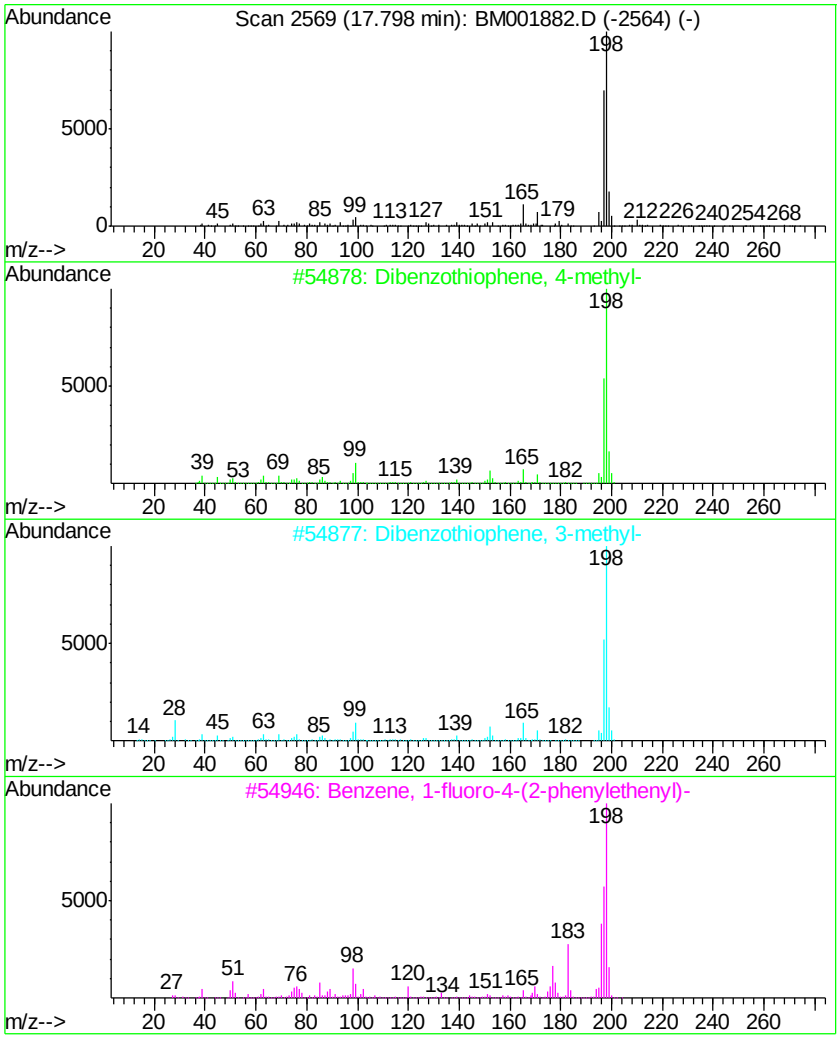
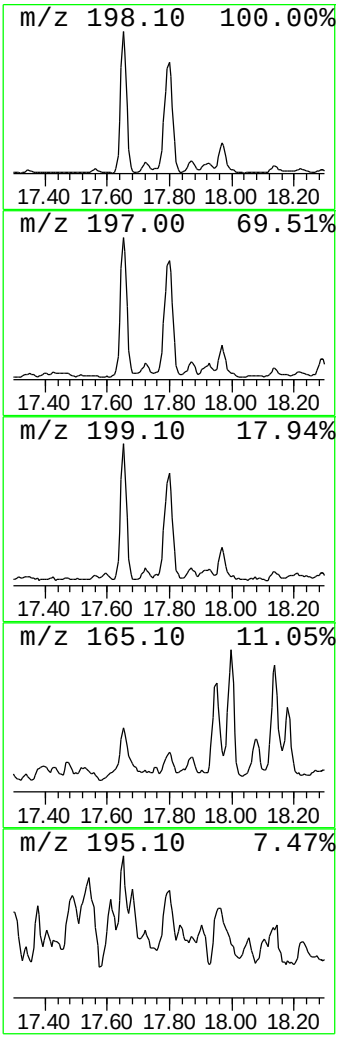
Peak Number 31 Dibenzothiophene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	22.57 ng/ul	671566	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

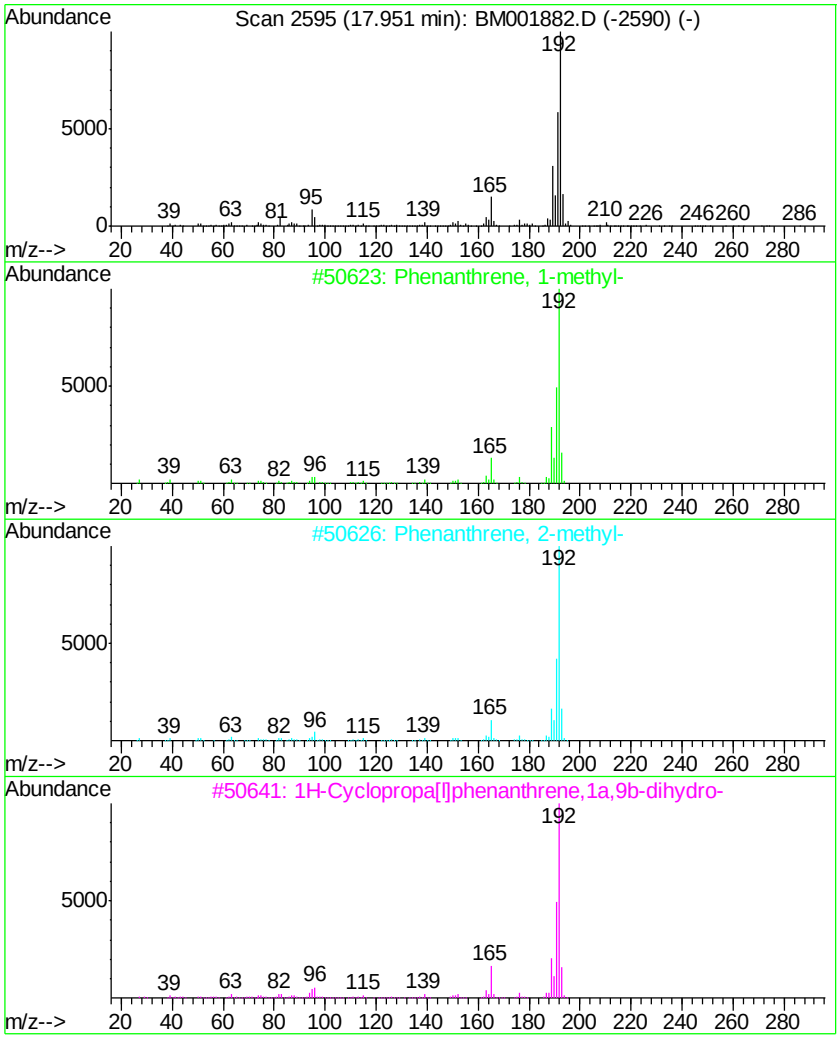
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

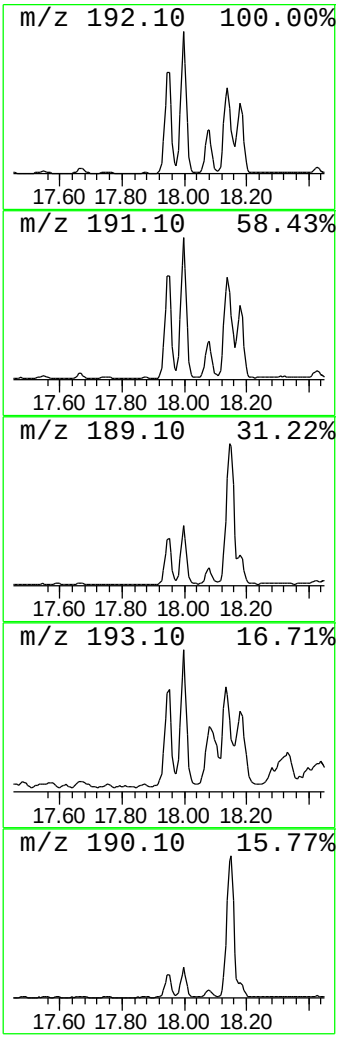
****

Peak Number 32 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	66.57 ng/ul	1981080	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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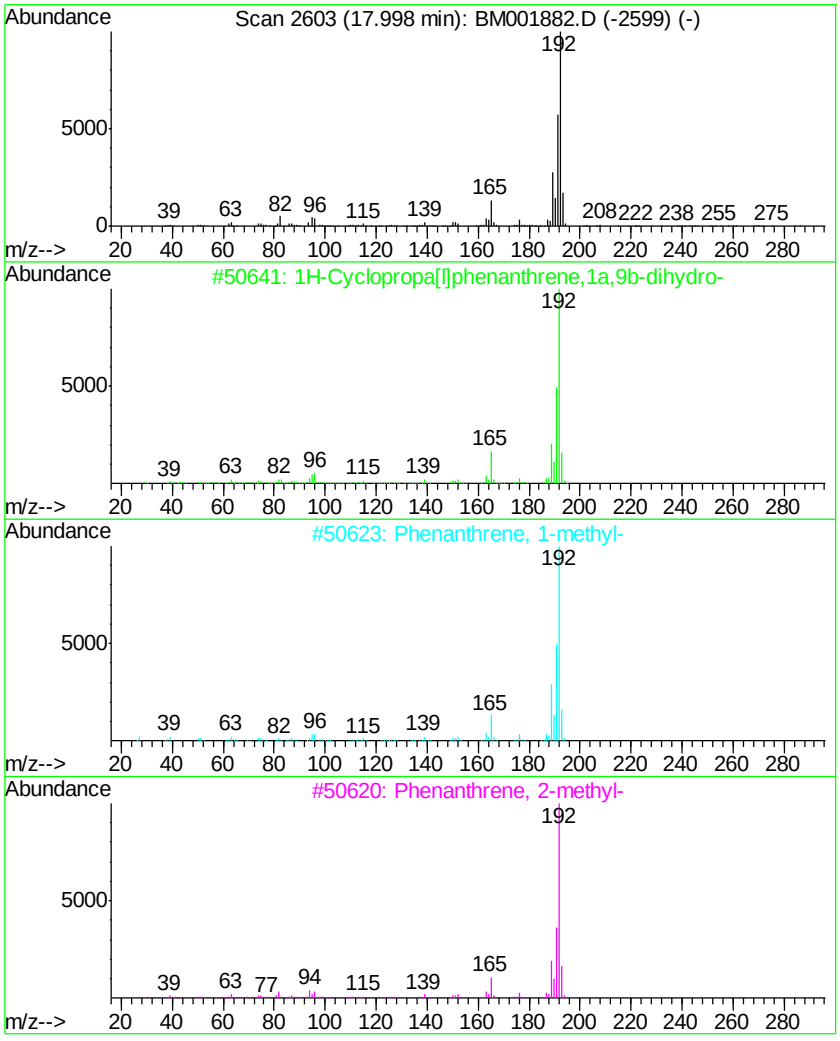
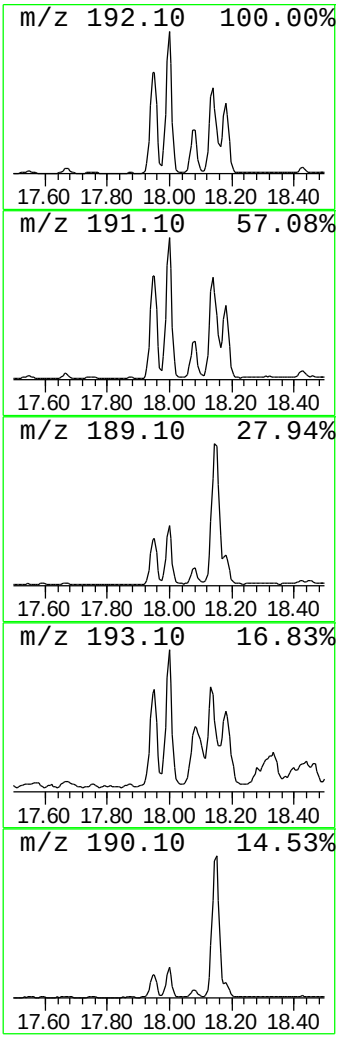
Peak Number 33 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	73.37 ng/ul	2183410	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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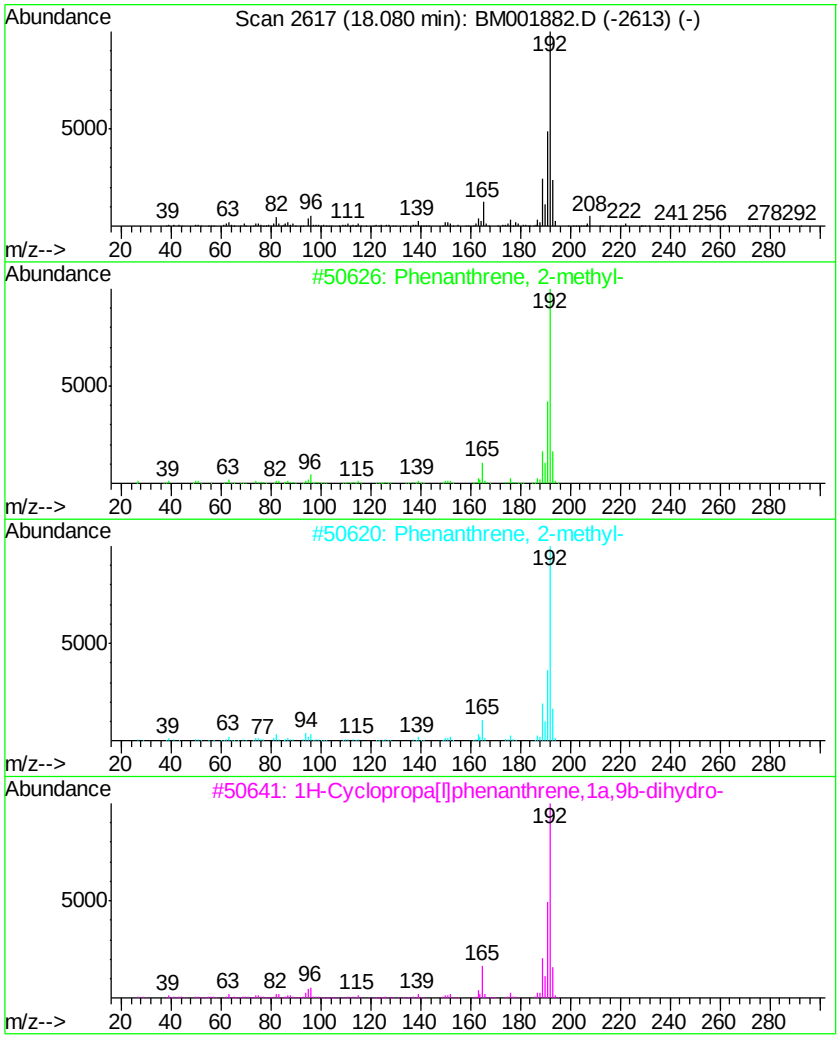
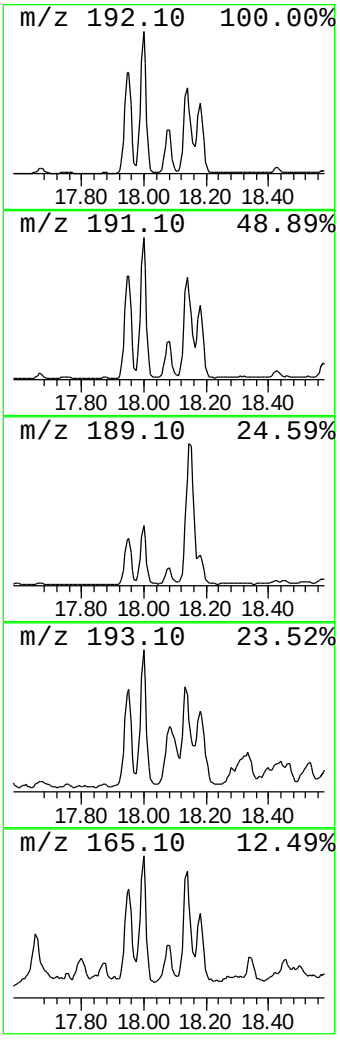
Peak Number 34 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	23.15 ng/ul	688944	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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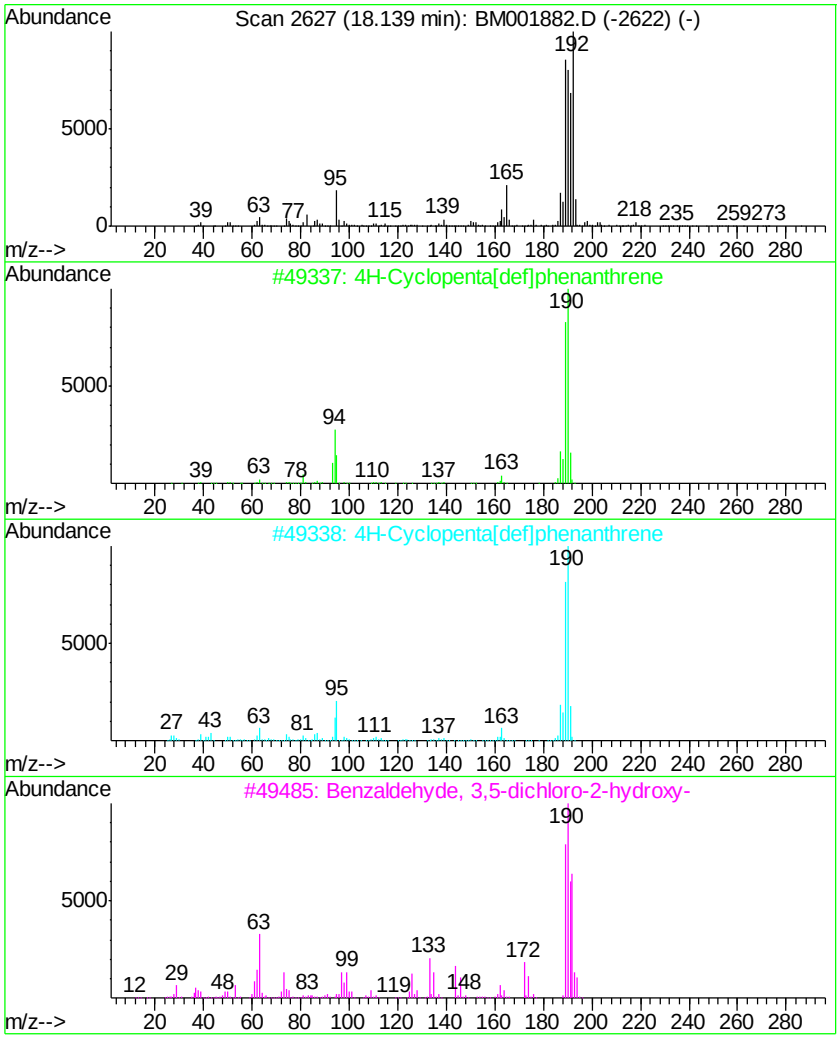
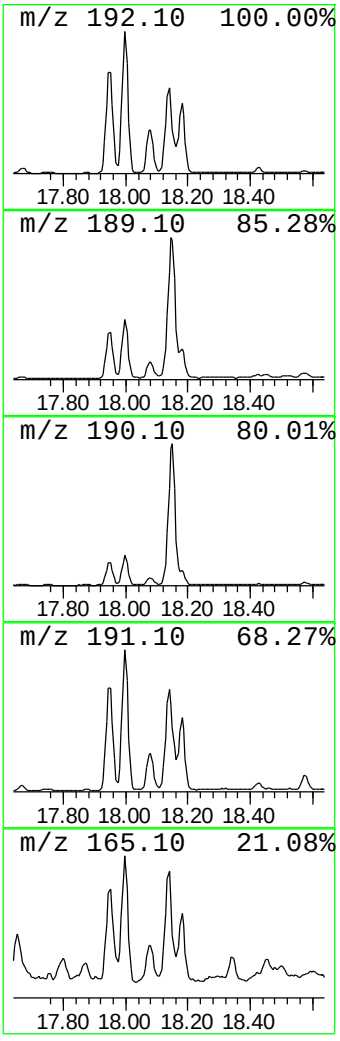
Peak Number 35 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	108.61 ng/ul	3232030	Phenanthrene-d10	17.07

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	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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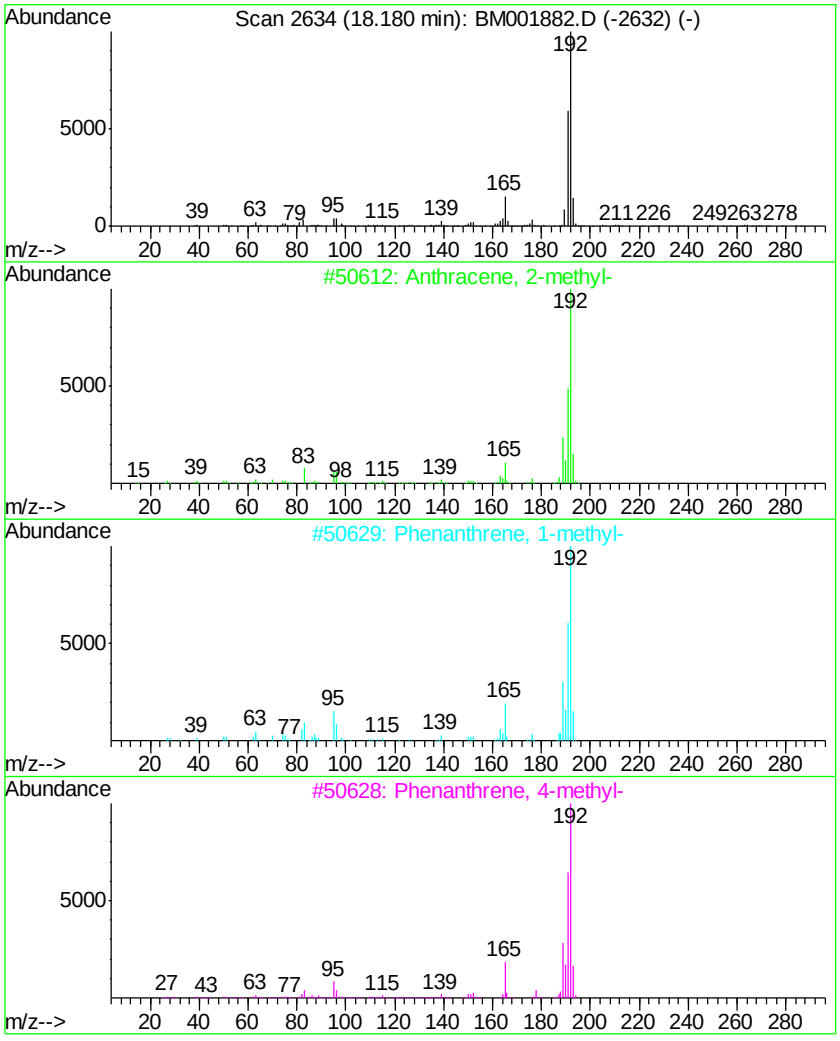
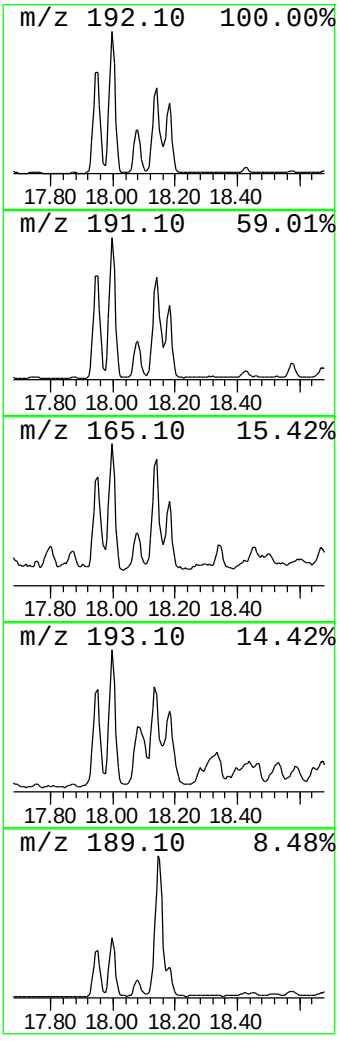
Peak Number 36 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	34.36 ng/ul	1022460	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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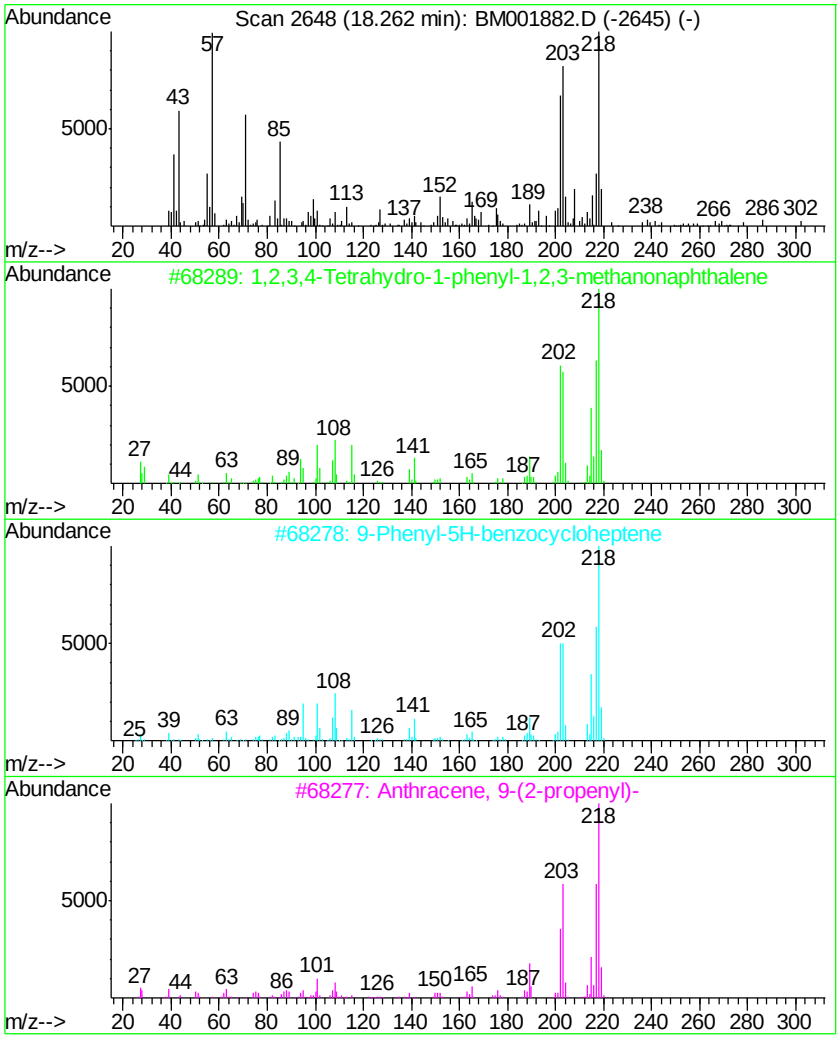
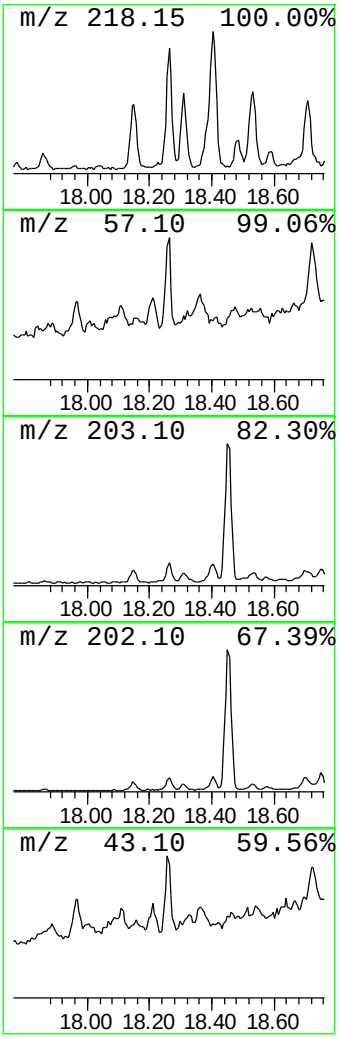
Peak Number 37 1,2,3,4-Tetrahydro-1-phenyl... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	7.55 ng/ul	224590	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	60
2	9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	53
3	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	53
4	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	49
5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	45





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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

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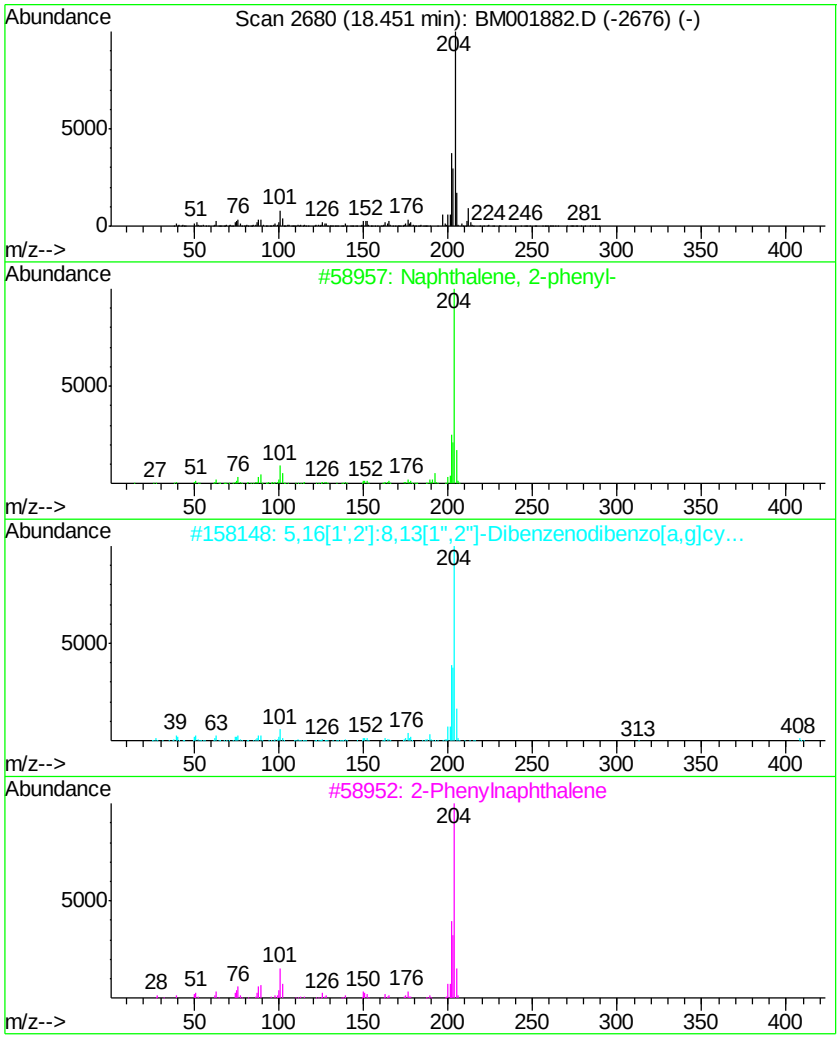
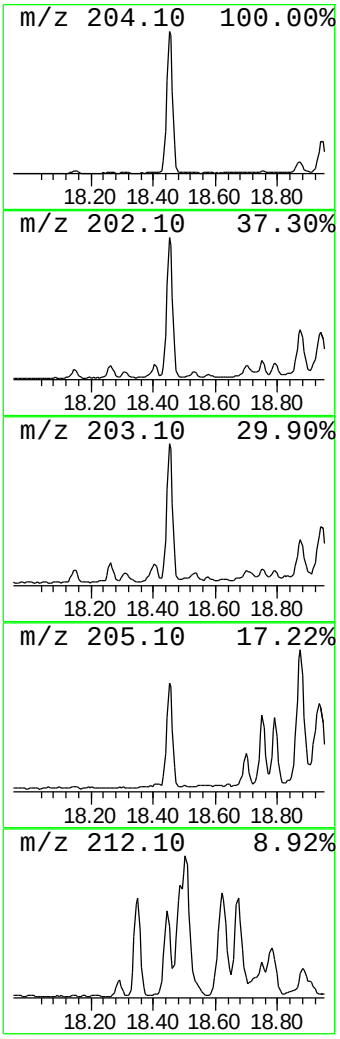
Peak Number 38 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	47.00 ng/ul	1398650	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001882.D
Acq On : 08 Jul 2015 18:03
Operator : TP/UM
Sample : G2860-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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...	2.88	155.8	ng/ul	2934130	1	7.66	376621	20.0
1,3,5,7-Cycloocta...	5.66	13.3	ng/ul	251152	1	7.66	376621	20.0
Benzene, 1-etheny...	7.32	7.0	ng/ul	131419	1	7.66	376621	20.0
Benzene, 1-propynyl-	8.20	8.5	ng/ul	160334	1	7.66	376621	20.0
(DEL) Alkane: Str...	11.47	4.8	ng/ul	124917	2	10.46	526325	20.0
Naphthalene, 1-me...	12.35	20.9	ng/ul	551428	2	10.46	526325	20.0
(DEL) Alkane: Str...	12.85	2.9	ng/ul	111287	3	14.32	763188	20.0
Naphthalene, 1,6-...	13.49	16.8	ng/ul	639943	3	14.32	763188	20.0
Naphthalene, 2-et...	13.56	3.1	ng/ul	116736	3	14.32	763188	20.0
Naphthalene, 2,3-...	13.64	17.4	ng/ul	664340	3	14.32	763188	20.0
Naphthalene, 1,5-...	13.87	5.1	ng/ul	193023	3	14.32	763188	20.0
(DEL) Alkane: Str...	14.22	3.3	ng/ul	124220	3	14.32	763188	20.0
Naphthalene, 2,3,...	14.80	7.4	ng/ul	283036	3	14.32	763188	20.0
(DEL) Alkane: Cyc...	14.84	5.4	ng/ul	204938	3	14.32	763188	20.0
Naphthalene, 1,6,...	14.94	13.7	ng/ul	522794	3	14.32	763188	20.0
Naphthalene, 1,4,...	14.99	4.5	ng/ul	171791	3	14.32	763188	20.0
9H-Fluoren-9-ol	15.66	7.0	ng/ul	265693	3	14.32	763188	20.0
[1,1'-Biphenyl]-4...	15.82	9.2	ng/ul	272417	4	17.07	595146	20.0
(DEL) Alkane: Str...	16.05	23.0	ng/ul	684136	4	17.07	595146	20.0
Naphthalene, 1,2,...	16.18	5.0	ng/ul	147687	4	17.07	595146	20.0
9H-Fluorene, 2-me...	16.37	16.0	ng/ul	474800	4	17.07	595146	20.0
1,1'-Biphenyl, 3,...	16.43	13.8	ng/ul	409454	4	17.07	595146	20.0
9H-Fluorene, 9-me...	16.53	9.5	ng/ul	282691	4	17.07	595146	20.0
3-Methylcarbazole	16.73	11.9	ng/ul	354667	4	17.07	595146	20.0
Dibenzothiophene	16.89	46.3	ng/ul	1378630	4	17.07	595146	20.0
Dibenzo[a,e]cyclo...	17.59	15.4	ng/ul	458572	4	17.07	595146	20.0
Dibenzothiophene,...	17.65	29.5	ng/ul	878411	4	17.07	595146	20.0
Dibenzothiophene,...	17.80	22.6	ng/ul	671566	4	17.07	595146	20.0
Phenanthrene, 1-m...	17.95	66.6	ng/ul	1981080	4	17.07	595146	20.0
1H-Cyclopropa[l]p...	18.00	73.4	ng/ul	2183410	4	17.07	595146	20.0
Phenanthrene, 2-m...	18.08	23.1	ng/ul	688944	4	17.07	595146	20.0
4H-Cyclopenta[def...	18.14	108.6	ng/ul	3232030	4	17.07	595146	20.0
Anthracene, 2-met...	18.18	34.4	ng/ul	1022460	4	17.07	595146	20.0
1,2,3,4-Tetrahydr...	18.26	7.5	ng/ul	224590	4	17.07	595146	20.0
Naphthalene, 2-ph...	18.45	47.0	ng/ul	1398650	4	17.07	595146	20.0