LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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	2.881	29	33	52	rVB	1693088	2149494	23.88%	2.019%
2	6.834	695	705	711	rVV	217129	429166	4.77%	0.403%
3	7.004	726	734	739	rBV	164652	257591	2.86%	0.242%
4	7.198	761	767	780	rVB	236396	399364	4.44%	0.375%
5	7.669	843	847	852	rVV	252893	386990	4.30%	0.363%
6	8.034	900	909	915	rVV	178613	303036	3.37%	0.285%
7	8.198	932	937	944	rVB	135438	239654	2.66%	0.225%
8	8.375	959	967	973	rVB	264802	434370	4.83%	0.408%
9	8.828	1038	1044	1055	rVV2	215188	458754	5.10%	0.431%
10	9.545	1155	1166	1170	rBV2	201115	376869	4.19%	0.354%
11	10.081	1252	1257	1265	rVB	285020	477695	5.31%	0.449%
12	10.463	1315	1322	1325	rVV	332106	710811	7.90%	0.668%
13	10.516	1325	1331	1337	rVV	3138295	5233948	58.16%	4.916%
14	10.604	1337	1346	1355	rVV4	267822	807505	8.97%	0.758%
15	11.475	1489	1494	1498	rBV	177906	279434	3.10%	0.262%
16	12.133	1595	1606	1613	rVB	2657501	4326094	48.07%	4.063%
17	12.357	1633	1644	1653	rVV	2112477	3593634	39.93%	3.375%
18	12.845	1715	1727	1733	rBV	264980	511468	5.68%	0.480%
19	13.151	1775	1779	1785	rVB	492874	719269	7.99%	0.676%
20	13.351	1808	1813	1815	rBV	191572	265248	2.95%	0.249%
21	13.486	1828	1836	1837	rBV	878801	1376335	15.29%	1.293%
22	13.645	1856	1863	1868	rBV	1312879	2264502	25.16%	2.127%
23	13.698	1868	1872	1875	rVV	537486	759058	8.43%	0.713%
24	13.733	1875	1878	1882	rVB	430370	578162	6.42%	0.543%
25	13.798	1882	1889	1893	rVB3	318469	673327	7.48%	0.632%
26	13.880	1893	1903	1907	rBV	541471	932069	10.36%	0.875%
27	14.016	1921	1926	1929	rVV	536296	907154	10.08%	0.852%
28	14.045	1929	1931	1942	rVB	622125	880392	9.78%	0.827%
29	14.298	1968	1974	1976	rBV2	352513	556808	6.19%	0.523%
30	14.327	1976	1979	1984	rVV2	495873	733434	8.15%	0.689%
31	14.392	1984	1990	1997	rVV2	490751	1024891	11.39%	0.963%
32	14.533	2008	2014	2023	rVB	444353	961644	10.69%	0.903%
33	14.616	2023	2028	2036	rBV4	111292	282108	3.13%	0.265%
34	14.727	2036	2047	2054	rVV	800111	1457864	16.20%	1.369%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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	14.804	2055	2060	2064	rVV	430413	620621	6.90%	0.583%
36	14.851	2064	2068	2077	rVB7	134647	302199	3.36%	0.284%
37	14.945	2077	2084	2088	rBV2	342322	669904	7.44%	0.629%
38	14.998	2088	2093	2097	rVB	325581	452063	5.02%	0.425%
39	15.115	2106	2113	2116	rBV	171722	370507	4.12%	0.348%
40	15.321	2143	2148	2152	rVB	652568	869807	9.66%	0.817%
41	15.380	2152	2158	2162	rBV	1190449	1775746	19.73%	1.668%
42	15.498	2175	2178	2182	rVV3	194281	276623	3.07%	0.260%
43	15.580	2188	2192	2197	rVV3	372263	585977	6.51%	0.550%
44	15.668	2203	2207	2218	rVB3	261864	482562	5.36%	0.453%
45	15.786	2223	2227	2230	rBV	249254	366855	4.08%	0.345%
46	15.821	2230	2233	2240	rVB3	205814	381411	4.24%	0.358%
47	15.904	2240	2247	2255	rVB3	116072	304918	3.39%	0.286%
48	16.057	2267	2273	2278	rVB2	460142	712576	7.92%	0.669%
49	16.380	2321	2328	2332	rBV2	307822	600206	6.67%	0.564%
50	16.433	2332	2337	2342	rVB2	273420	393593	4.37%	0.370%
51	16.527	2349	2353	2358	rVB2	192042	285630	3.17%	0.268%
52	16.645	2364	2373	2381	rVV7	167833	481405	5.35%	0.452%
53	16.733	2384	2388	2394	rVB3	150942	241852	2.69%	0.227%
54	16.892	2408	2415	2423	rVB	1101873	1938318	21.54%	1.820%
55	17.074	2441	2446	2449	rBV	540119	863378	9.59%	0.811%
56	17.127	2449	2455	2459	rVV	6227611	8999833	100.00%	8.452%
57	17.174	2459	2463	2466	rVV	738592	1062379	11.80%	0.998%
58	17.209	2466	2469	2474	rVV	1052034	1334523	14.83%	1.253%
59	17.592	2530	2534	2539	rBV	341382	415238	4.61%	0.390%
60	17.651	2540	2544	2554	rVB2	495807	792368	8.80%	0.744%
61	17.798	2563	2569	2575	rVB	379965	722913	8.03%	0.679%
62	17.951	2589	2595	2599	rBV	1373989	2032116	22.58%	1.908%
63	17.998	2599	2603	2609	rVB	1413038	1903753	21.15%	1.788%
64	18.080	2612	2617	2622	rBV	336015	474870	5.28%	0.446%
65	18.145	2622	2628	2632	rBV2	1358555	2490303	27.67%	2.339%
66	18.180	2632	2634	2641	rVB	686183	820640	9.12%	0.771%
67	18.451	2675	2680	2684	rBV	855953	1163812	12.93%	1.093%
68	18.698	2714	2722	2727	rBV5	261440	514378	5.72%	0.483%
69	18.874	2742	2752	2756	rBV2	510774	897723	9.97%	0.843%
70	18.933	2756	2762	2766	rBV3	222510	404230	4.49%	0.380%
71	19.139	2791	2797	2802	rBV	2641726	3552586	39.47%	3.336%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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	19.198	2802	2807	2811	rVV2	229556	358649	3.99%	0.337%
73	19.292	2818	2823	2827	rVB	221730	291577	3.24%	0.274%
74	19.386	2834	2839	2842	rBV	158476	241694	2.69%	0.227%
75	19.480	2849	2855	2856	rBV3	1026461	1451941	16.13%	1.364%
76	19.509	2856	2860	2867	rVV	4906203	6721718	74.69%	6.313%
77	19.680	2878	2889	2895	rBV2	72370	255984	2.84%	0.240%
78	19.833	2909	2915	2922	rBV	293720	618860	6.88%	0.581%
79	19.997	2933	2943	2949	rVB	638251	1382477	15.36%	1.298%
80	20.103	2956	2961	2965	rBV	543495	712497	7.92%	0.669%
81	20.162	2966	2971	2975	rBV	600729	813074	9.03%	0.764%
82	20.256	2982	2987	2990	rBV	205937	287419	3.19%	0.270%
83	20.297	2990	2994	2998	rVV	514753	695951	7.73%	0.654%
84	20.345	2998	3002	3011	rVB	572201	811372	9.02%	0.762%
85	20.915	3096	3099	3102	rBV	213822	238152	2.65%	0.224%
86	20.956	3102	3106	3108	rBV	354190	447775	4.98%	0.421%
87	21.262	3152	3158	3163	rBV2	1703041	3383291	37.59%	3.177%
88	21.309	3163	3166	3171	rVB	1229446	1495643	16.62%	1.405%
89	21.427	3183	3186	3192	rBV3	163824	276727	3.07%	0.260%
90	21.821	3249	3253	3257	rVB	226233	289991	3.22%	0.272%
91	22.044	3288	3291	3297	rVB2	277648	437114	4.86%	0.411%
92	22.115	3300	3303	3309	rVB2	184026	259486	2.88%	0.244%
93	22.838	3420	3426	3437	rBV2	598995	1851388	20.57%	1.739%
94	23.003	3450	3454	3460	rVB	203294	331235	3.68%	0.311%
95	23.315	3501	3507	3511	rBV	549230	1068865	11.88%	1.004%
96	23.362	3511	3515	3519	rVV2	604100	1103416	12.26%	1.036%
97	23.409	3519	3523	3530	rVB	1035155	1764550	19.61%	1.657%
98	23.503	3534	3539	3544	rBV	490735	832336	9.25%	0.782%
99	25.756	3916	3922	3933	rVB2	357072	984625	10.94%	0.925%
100	26.450	4034	4040	4056	rVB	258647	763905	8.49%	0.717%

Sum of corrected areas: 106477670

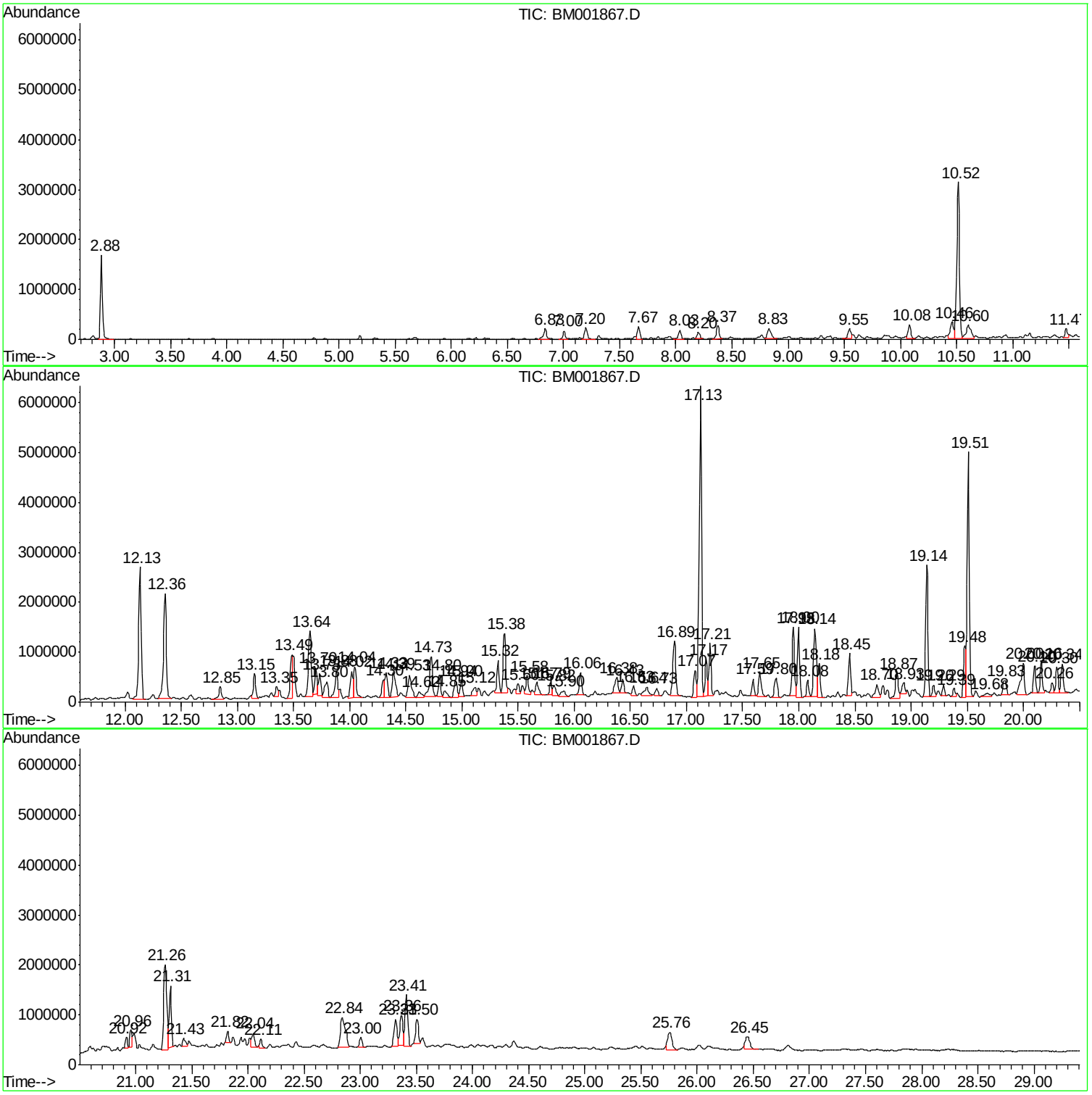
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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

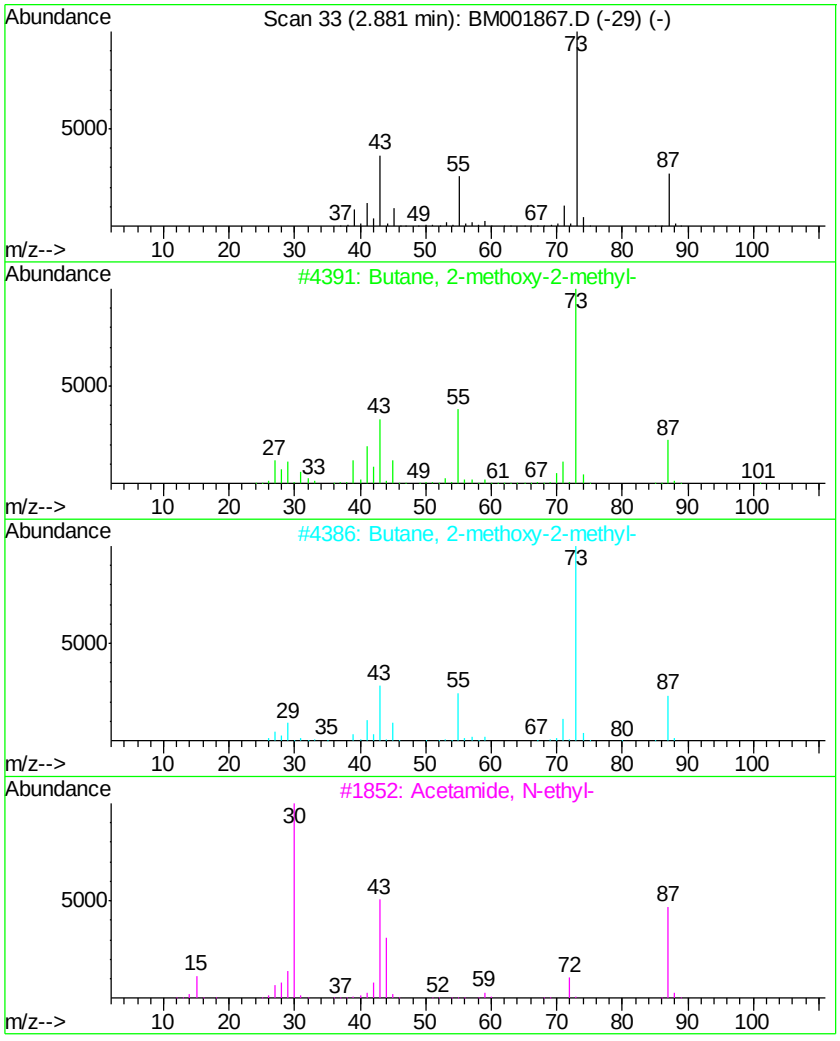
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

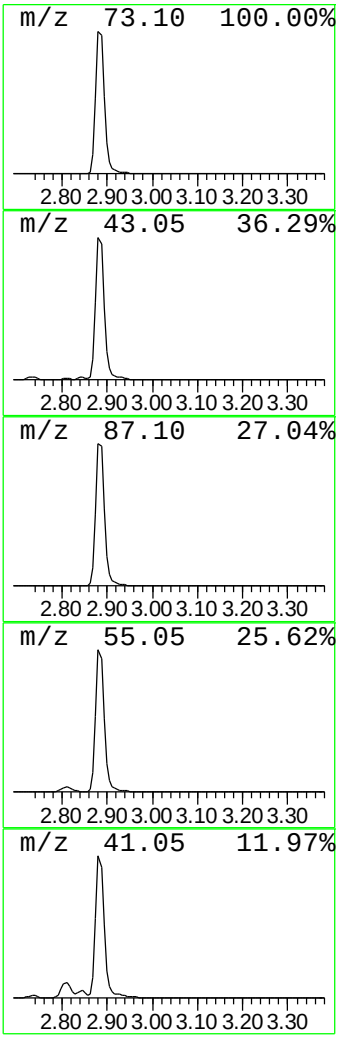
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	111.09 ng/ul	2149490	1,4-Dichlorobenzene-d4	7.67

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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

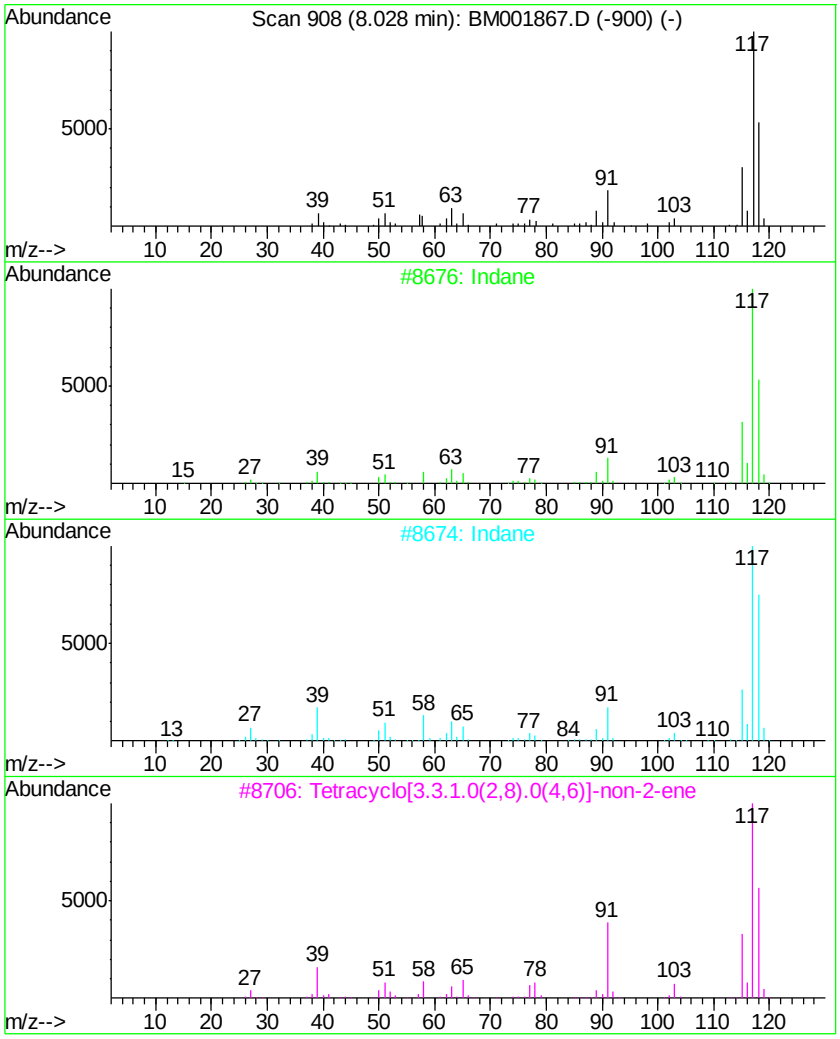
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

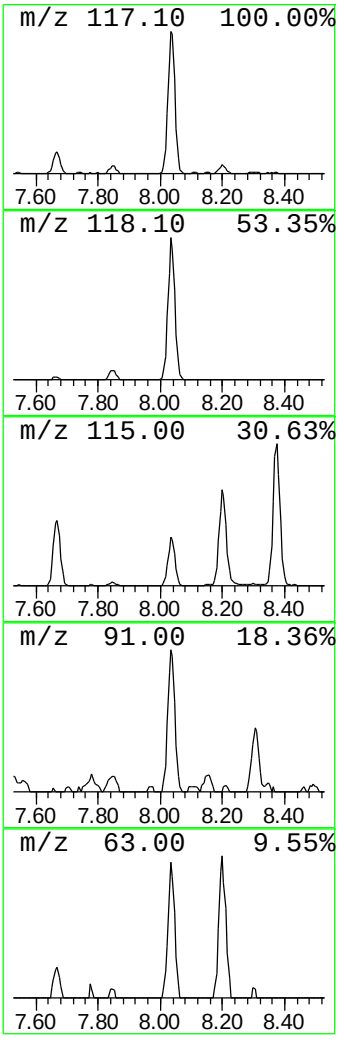
****

Peak Number 2 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	15.66 ng/ul	303036	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	91
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	68
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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

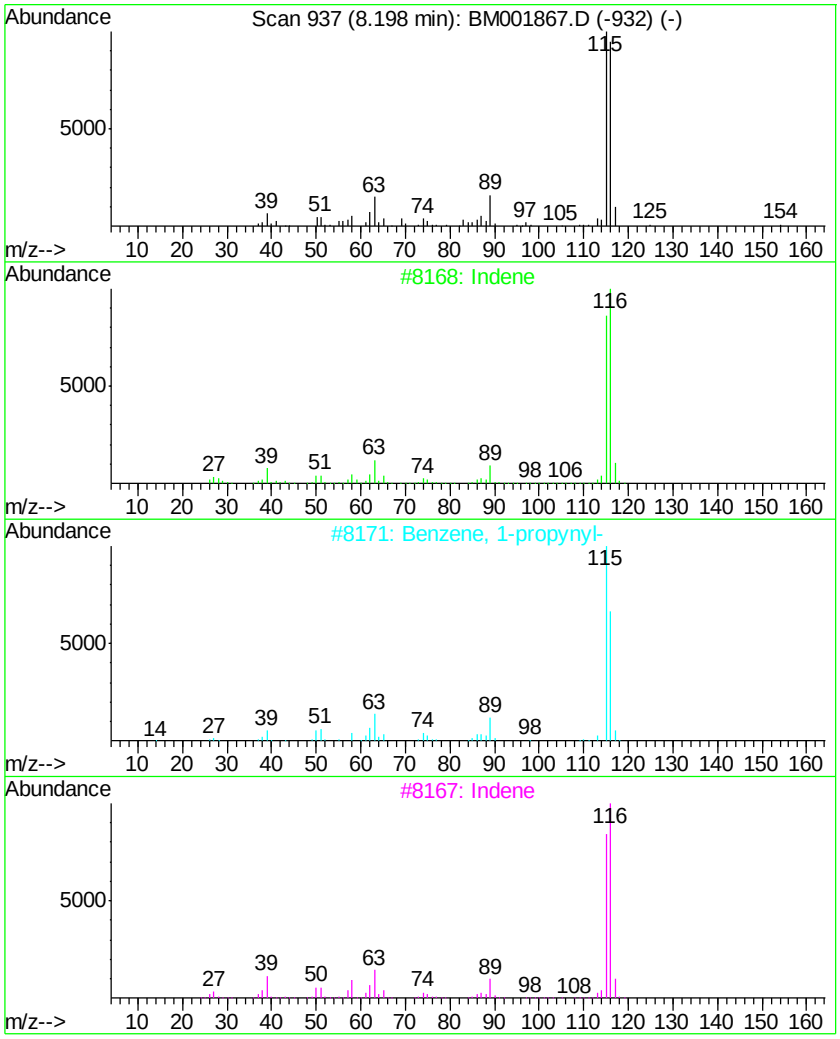
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

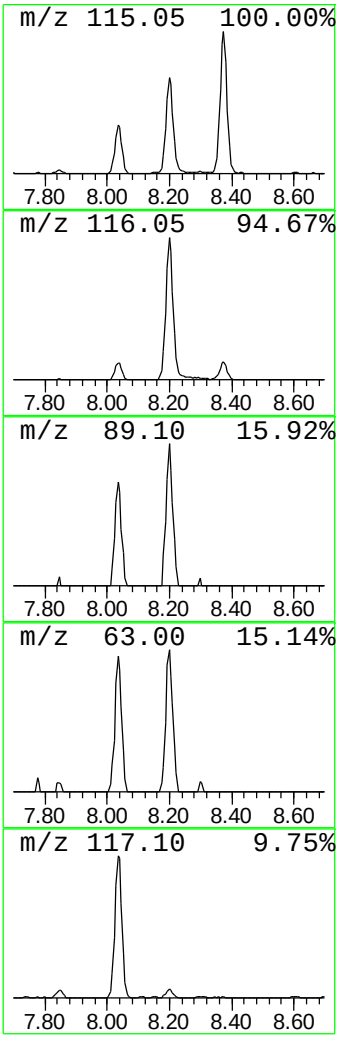
****

Peak Number 3 Indene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	12.39 ng/ul	239654	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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

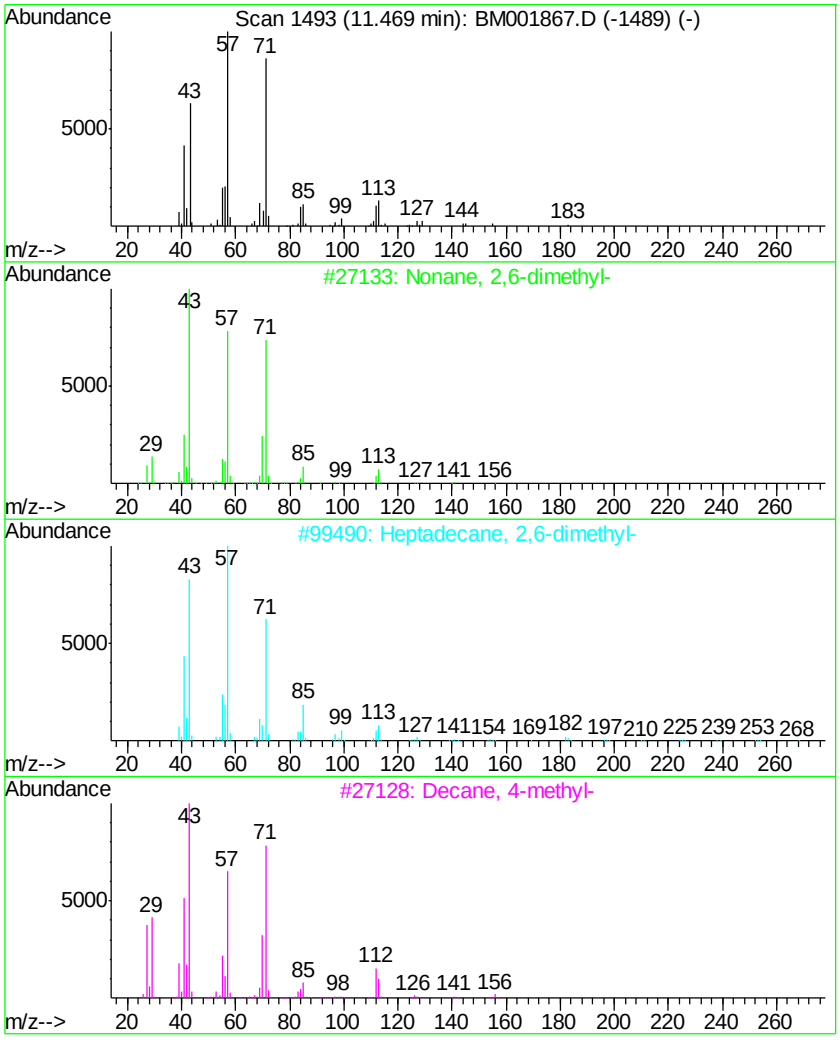
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

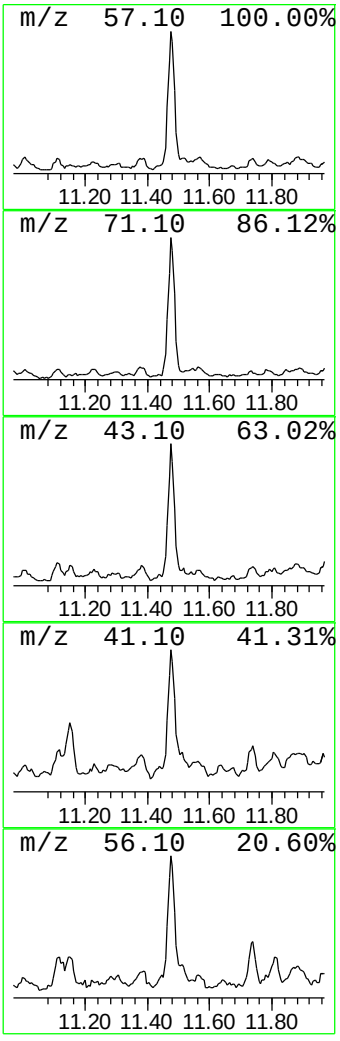
****

Peak Number 4 Nonane, 2,6-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	7.86 ng/ul	279434	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3	Decane, 4-methyl-	156	C11H24	002847-72-5	72
4	1-Decene, 4-methyl-	154	C11H22	013151-29-6	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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

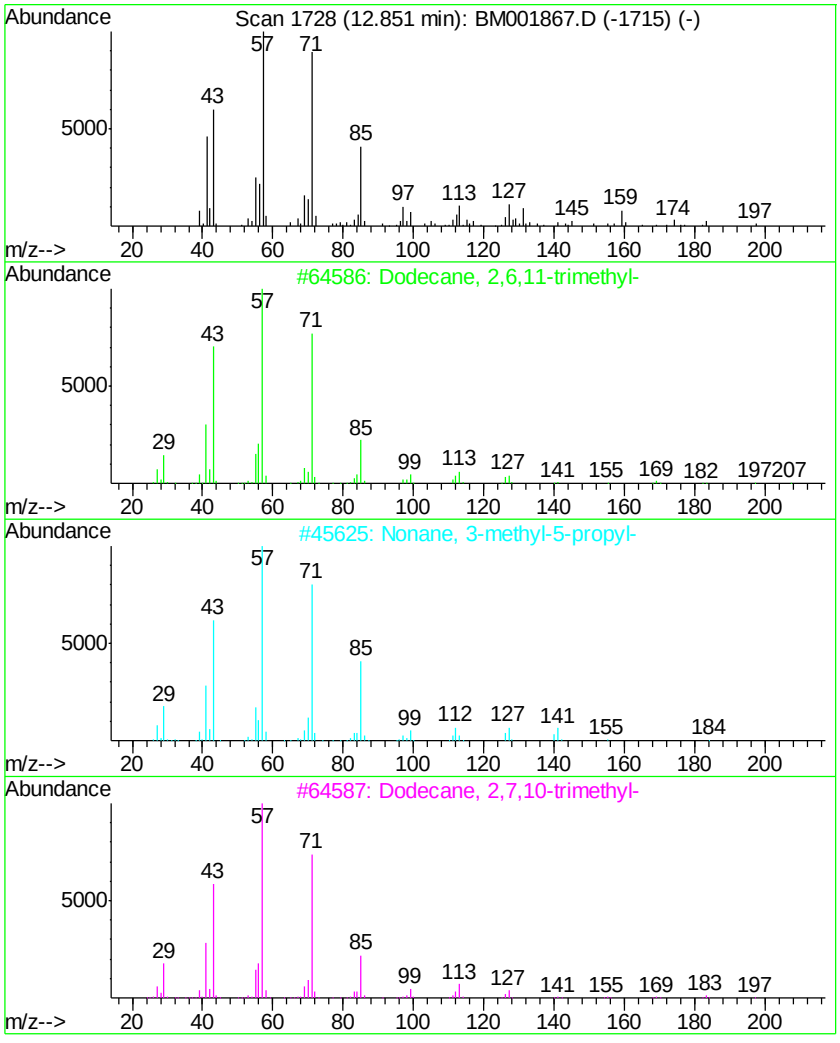
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

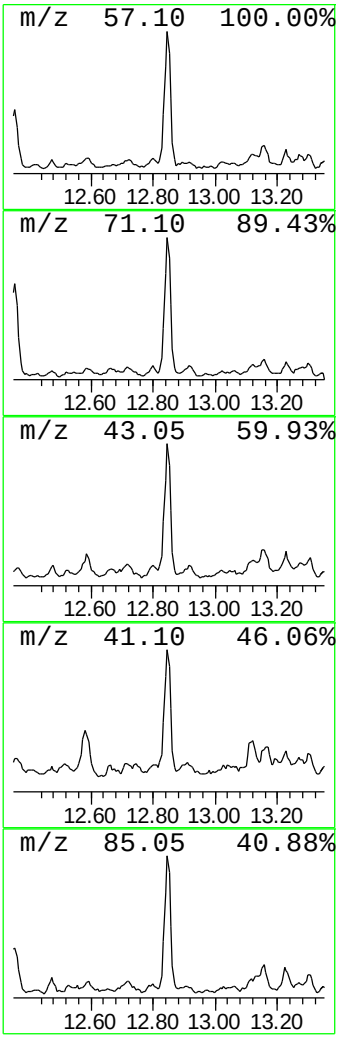
****

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	13.95 ng/ul	511468	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	47





Library Search Compound Report

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Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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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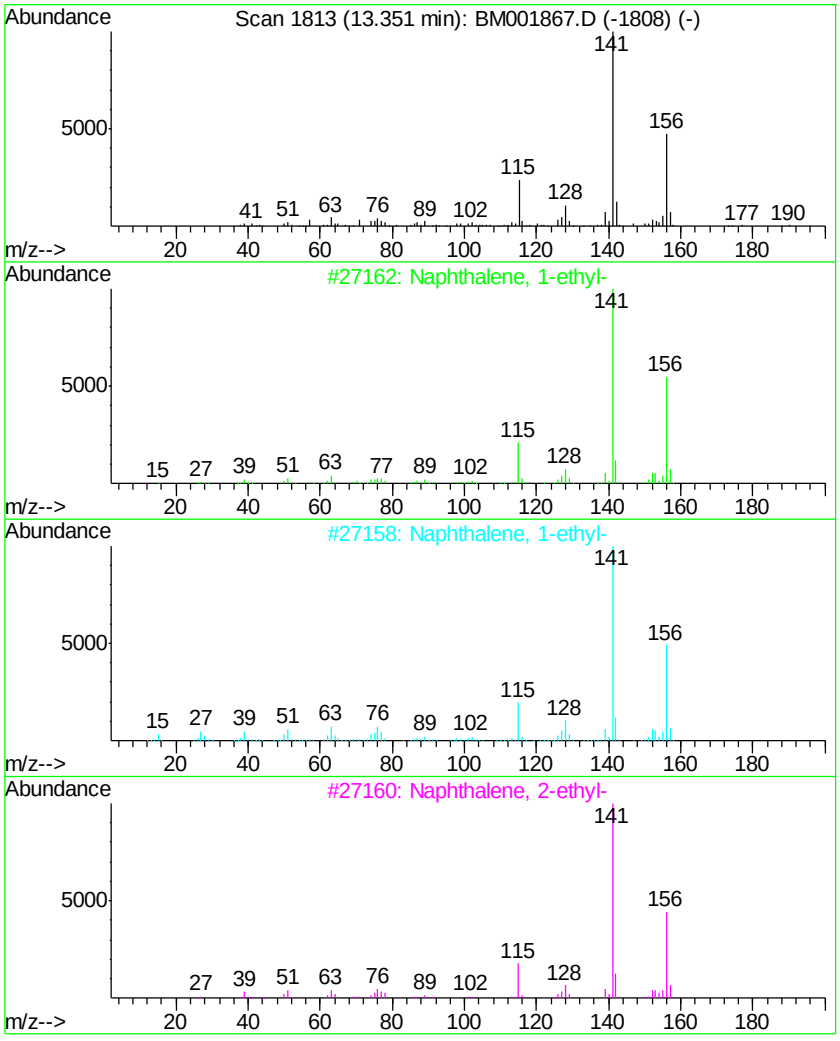
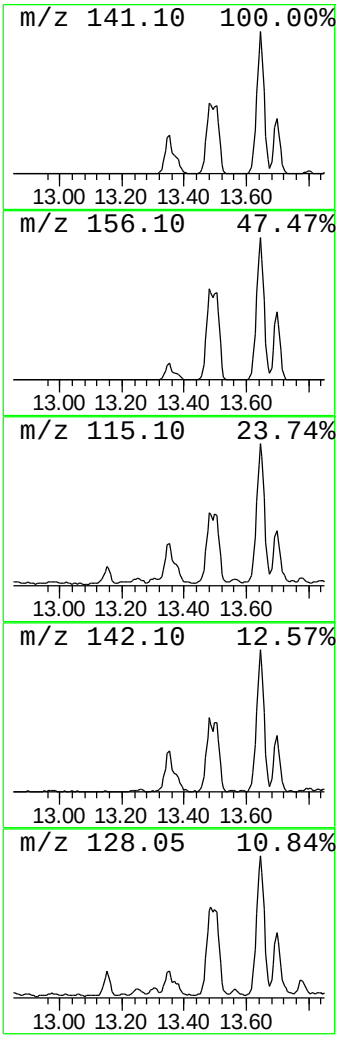
Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	7.23 ng/ul	265248	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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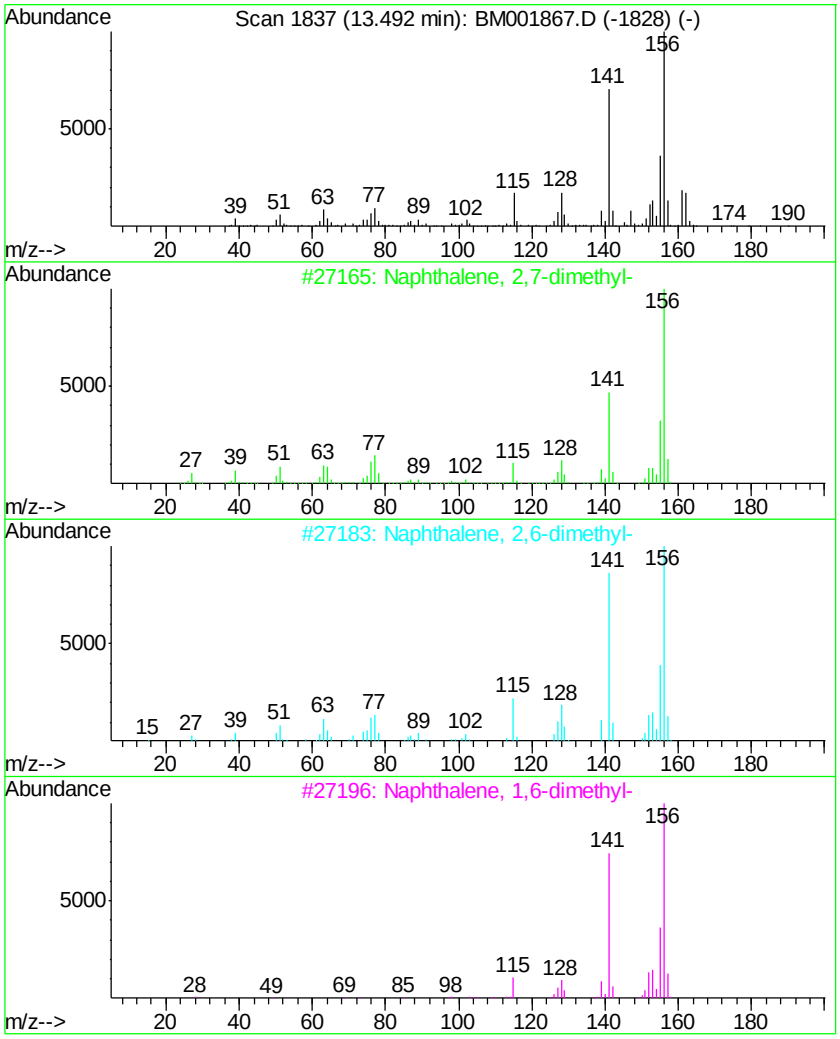
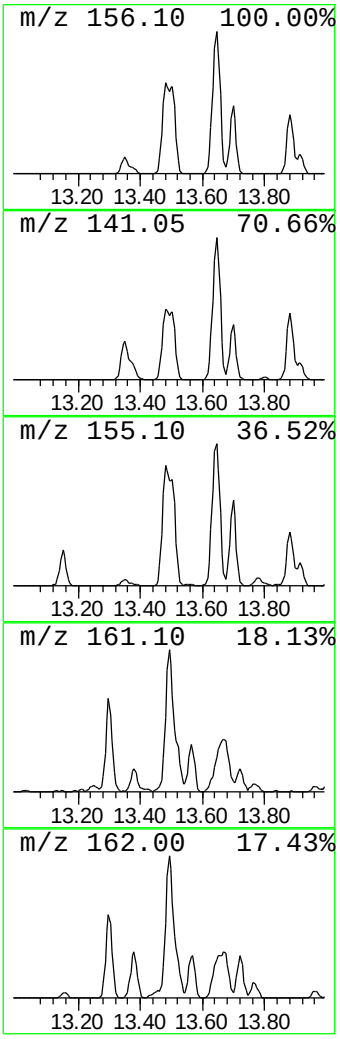
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	37.53 ng/ul	1376340	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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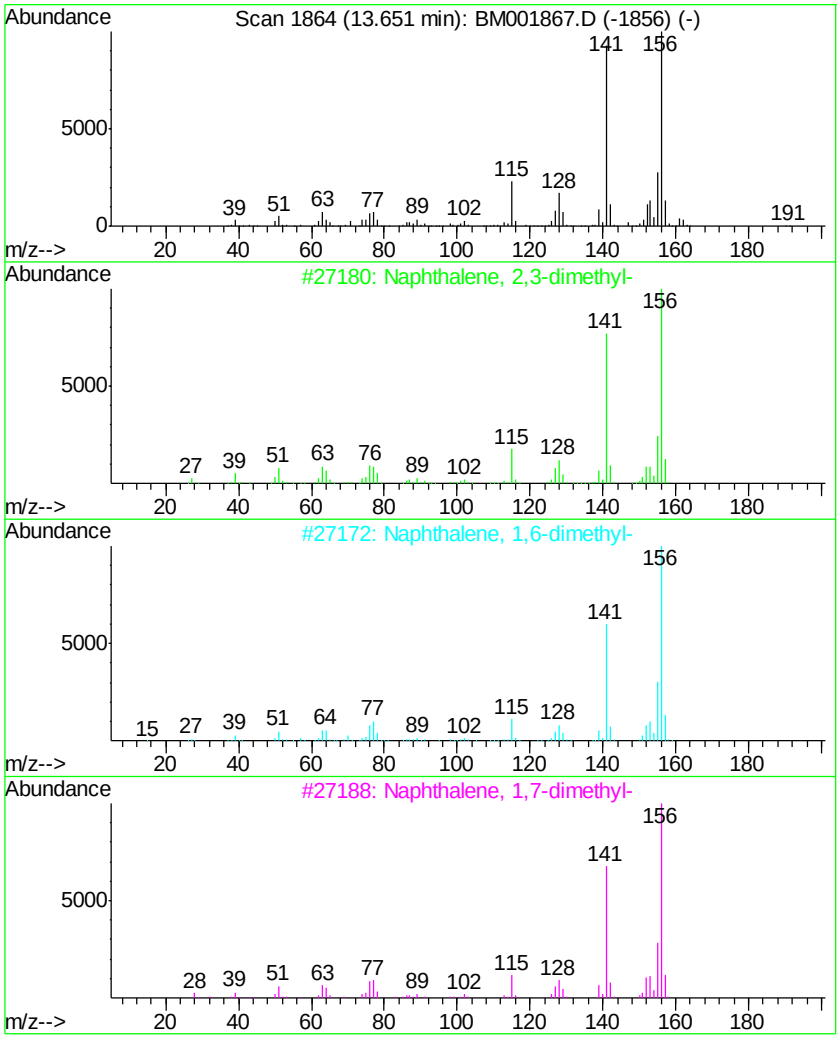
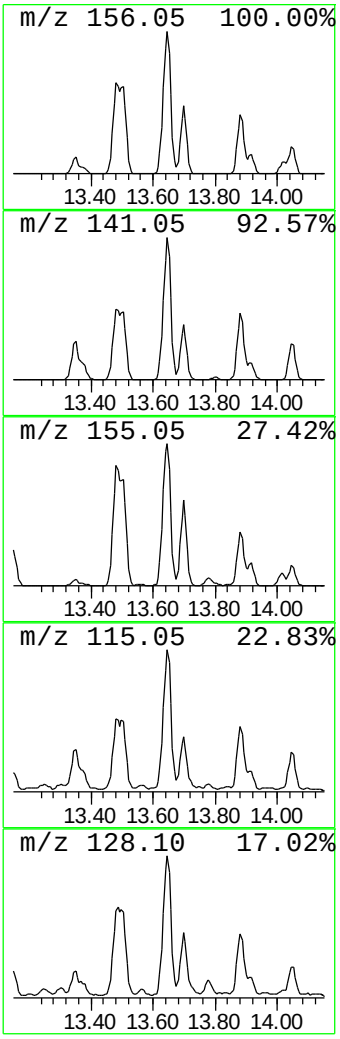
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	61.75 ng/ul	2264500	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

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Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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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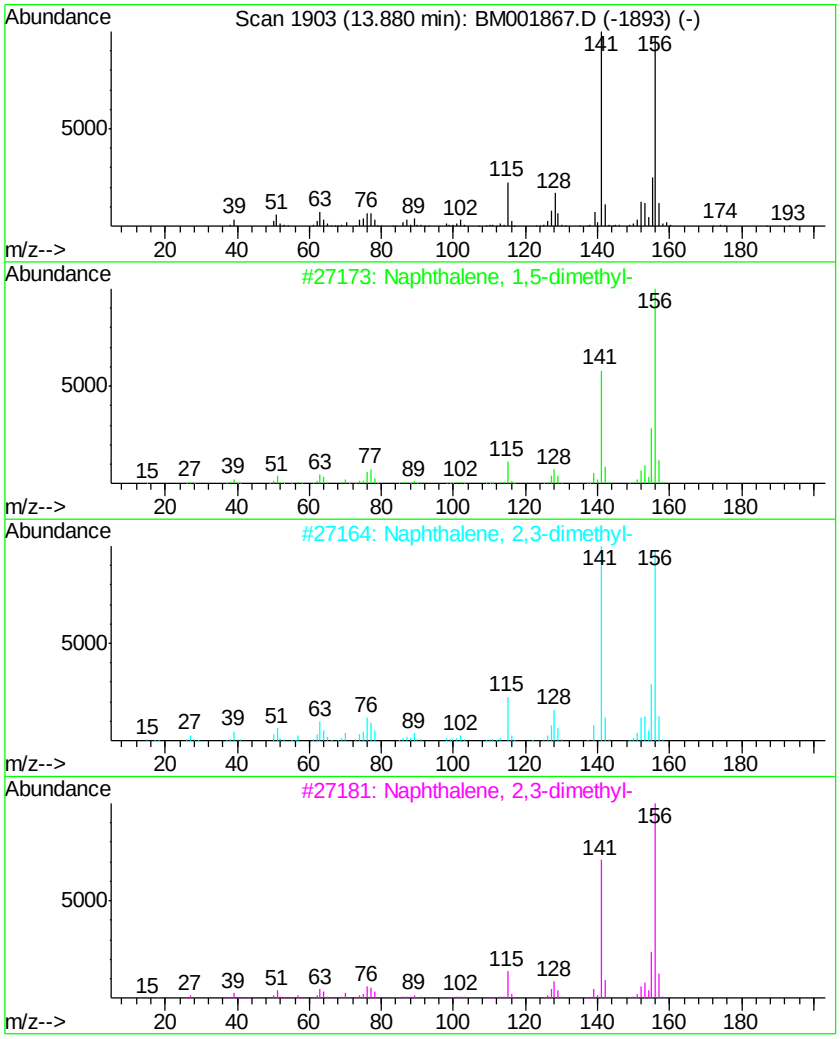
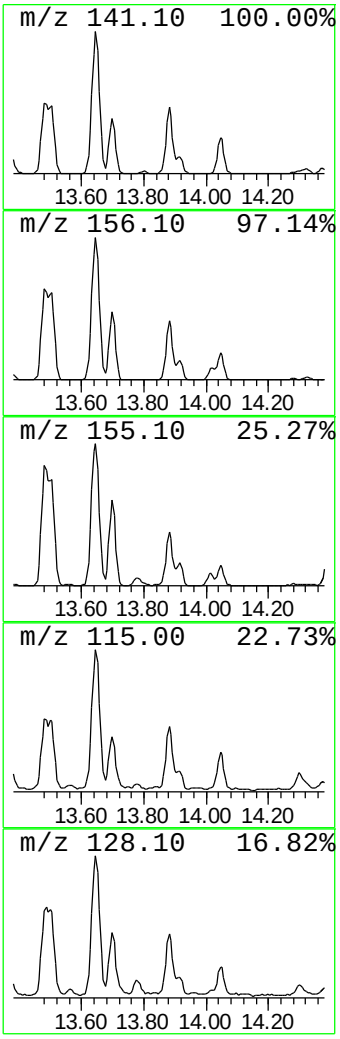
Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	25.42 ng/ul	932069	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 07 Jul 2015 14:38
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Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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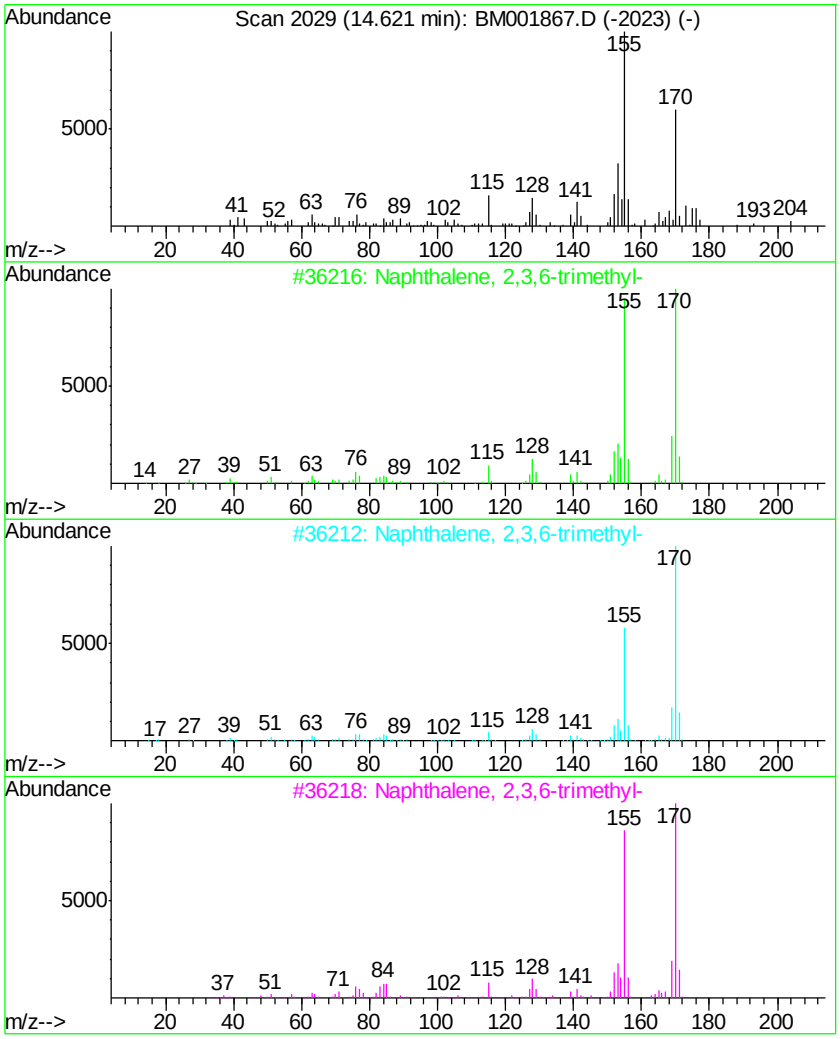
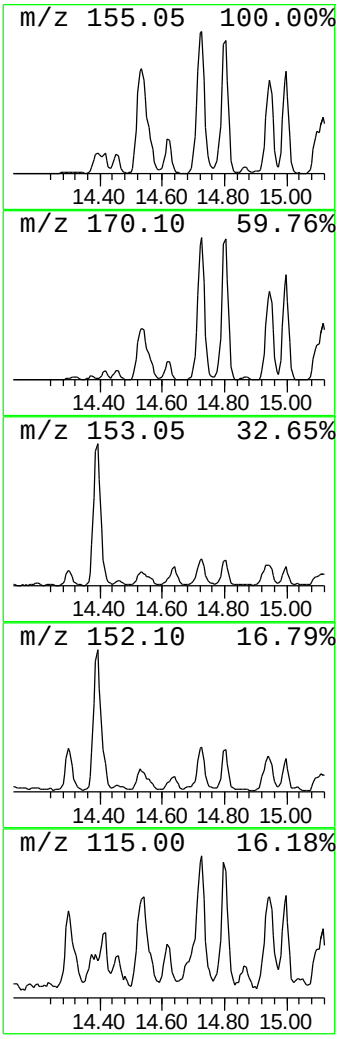
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	7.69 ng/ul	282108	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89





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Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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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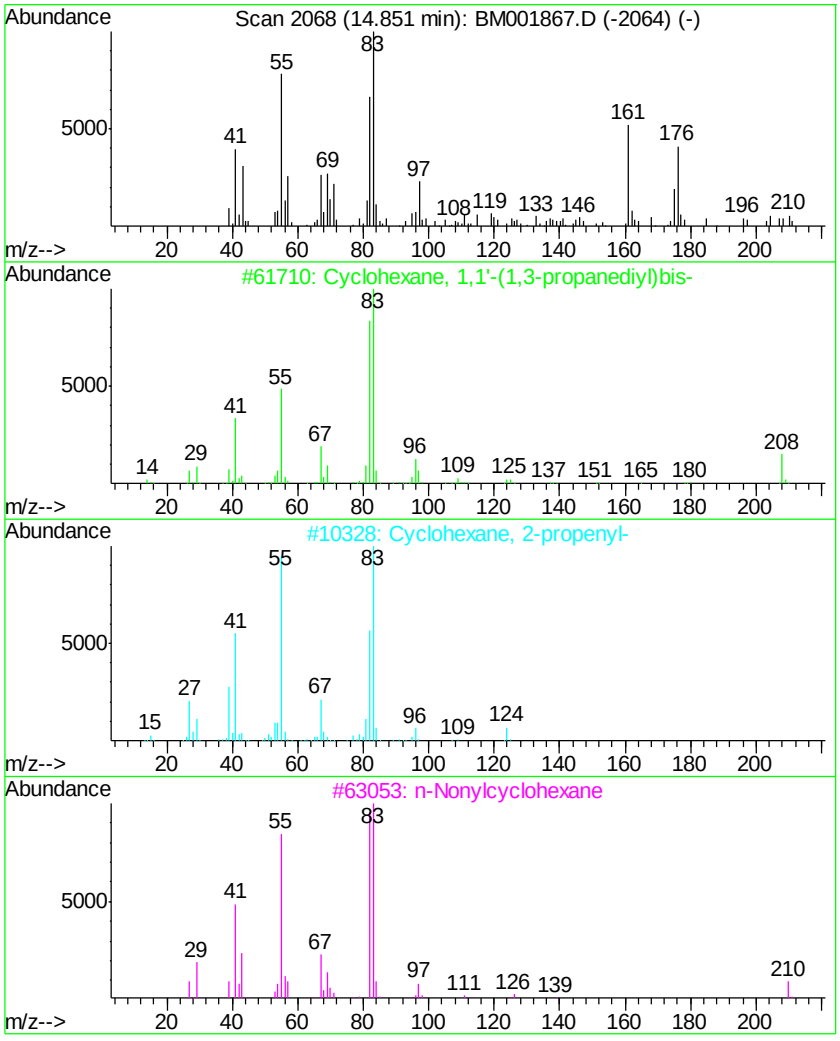
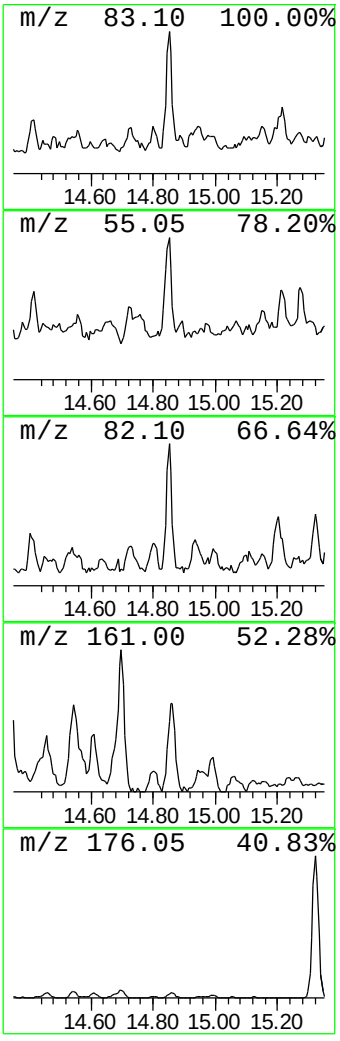
Peak Number 13 Cyclohexane, 1,1'-(1,3-prop... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	8.24 ng/ul	302199	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	50
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45
3	n-Nonylcyclohexane	210	C15H30	002883-02-5	43
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	43
5	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	43





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Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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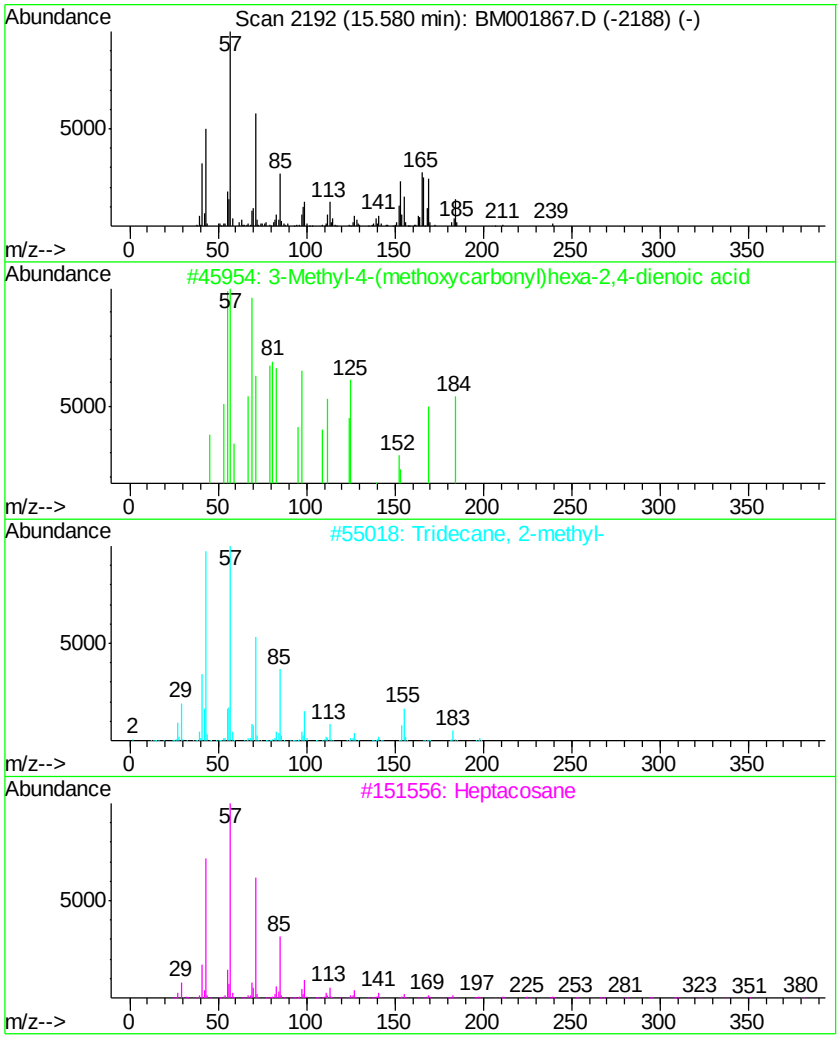
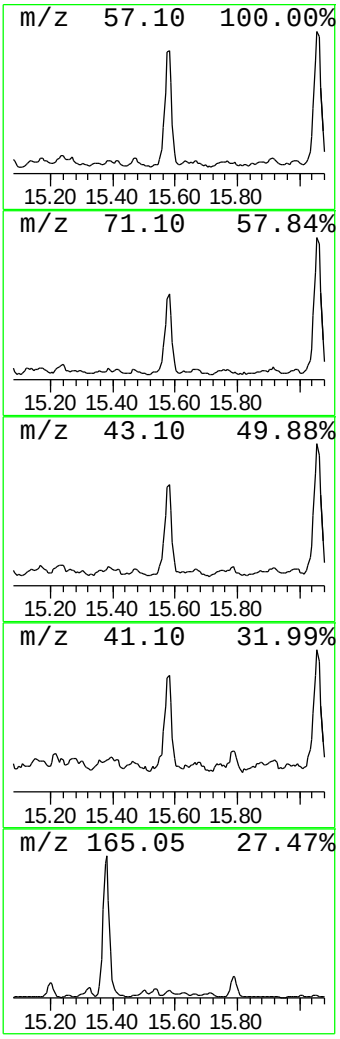
Peak Number 17 3-Methyl-4-(methoxycarbonyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	15.98 ng/ul	585977	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	83
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	25
3	Heptacosane	380	C27H56	000593-49-7	22
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	22
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	22





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Quant Title : SVOA CALIBRATION

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

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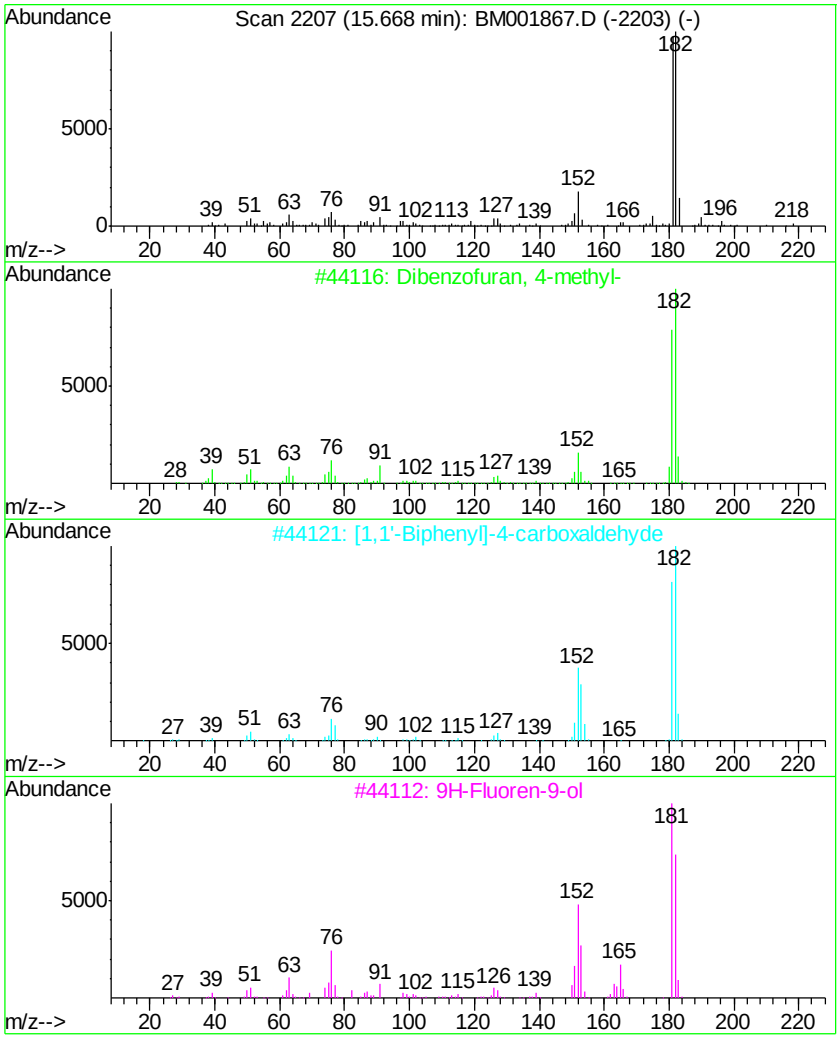
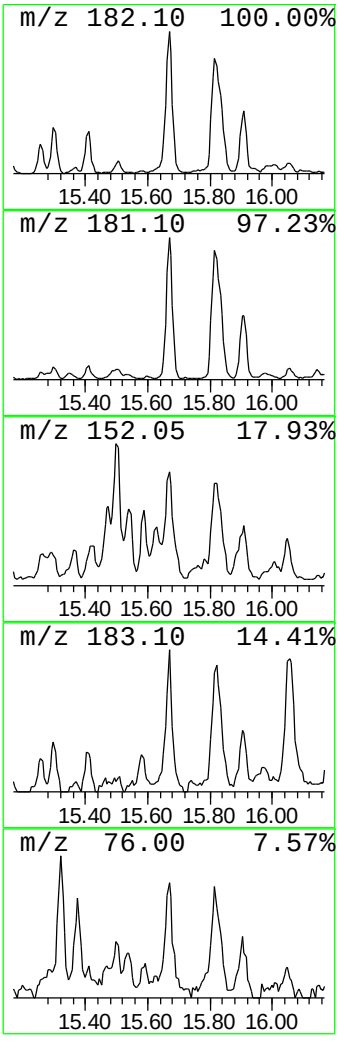
Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	13.16 ng/ul	482562	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Quant Title : SVOA CALIBRATION

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

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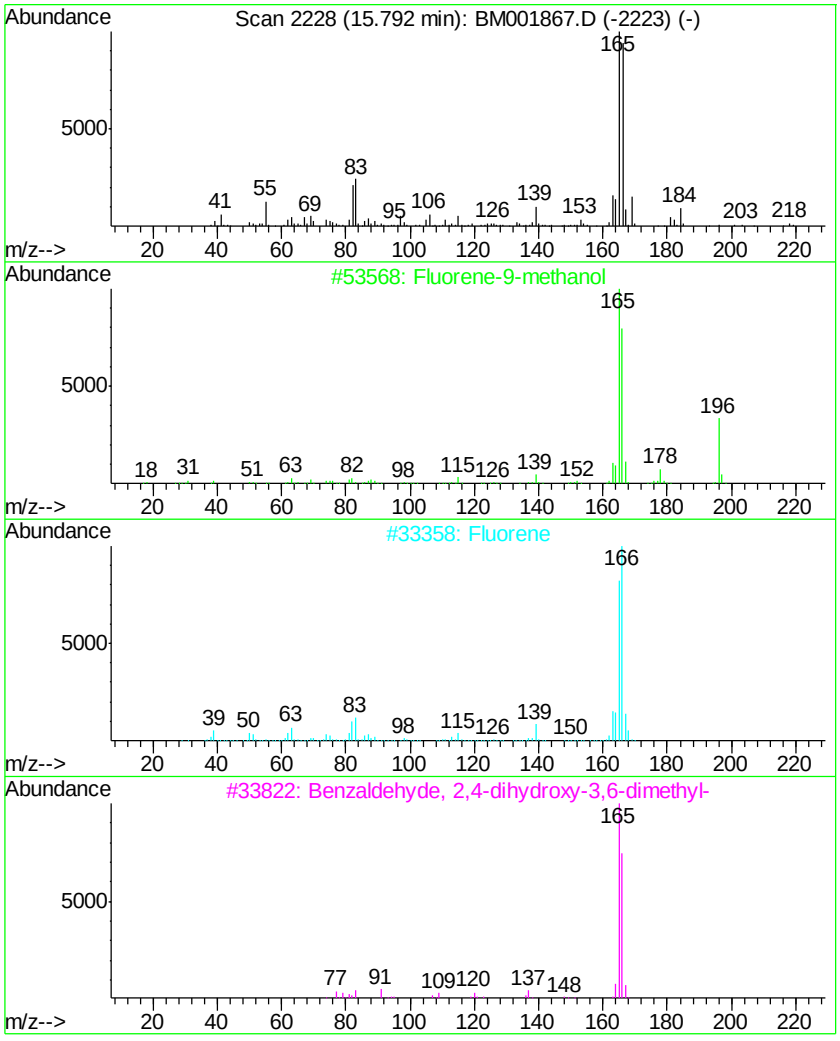
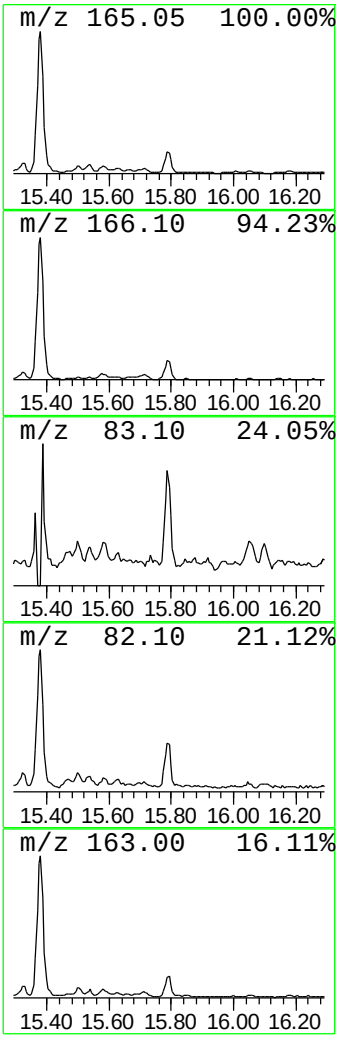
Peak Number 19 Fluorene-9-methanol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	8.50 ng/ul	366855	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene-9-methanol	196	C14H12O	024324-17-2	76
2	Fluorene	166	C13H10	000086-73-7	64
3	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	58
4	Fluorene	166	C13H10	000086-73-7	58
5	Fluorene	166	C13H10	000086-73-7	52





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Quant Title : SVOA CALIBRATION

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

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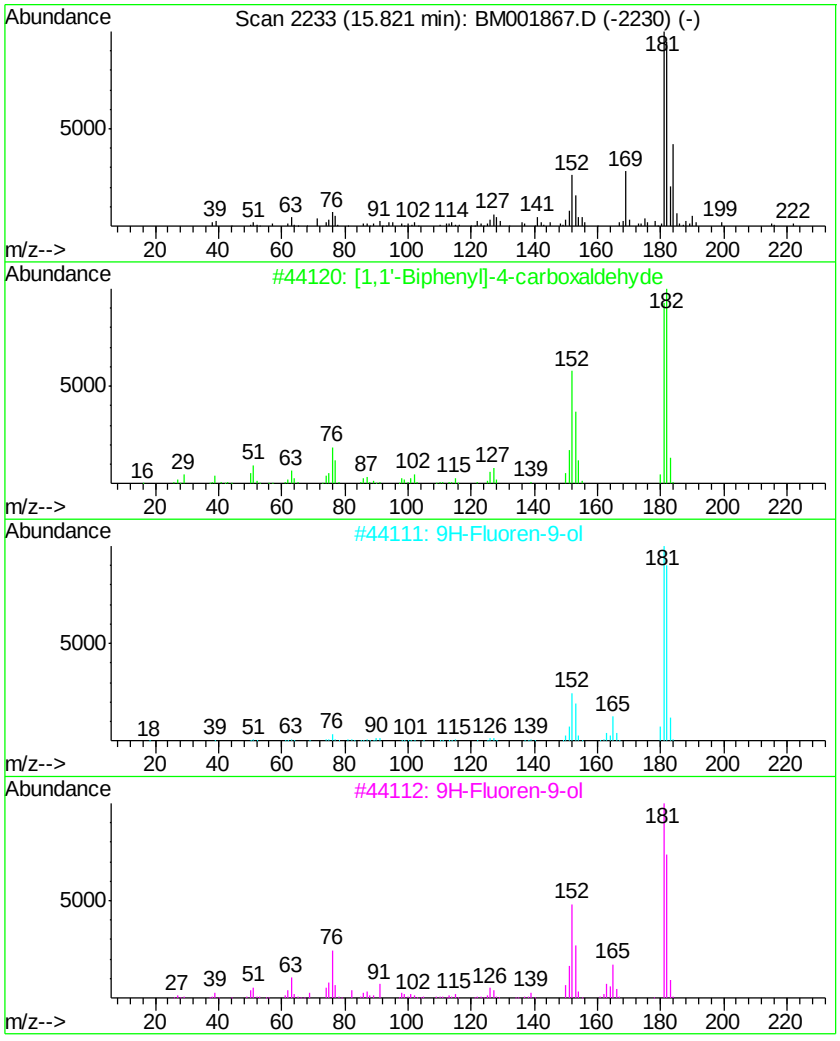
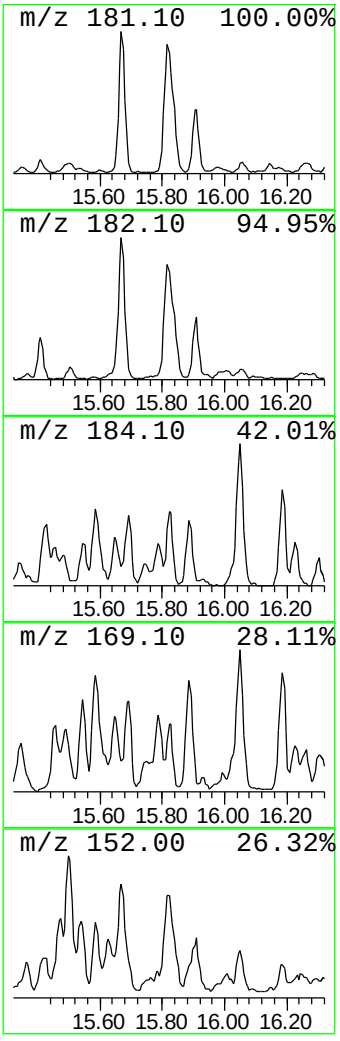
Peak Number 20 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	8.84 ng/ul	381411	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58
5	2-(4-Chlorophenyl)-1,3,2-dioxabo...	182	C8H8BClO2	069519-09-1	52





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Quant Title : SVOA CALIBRATION

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

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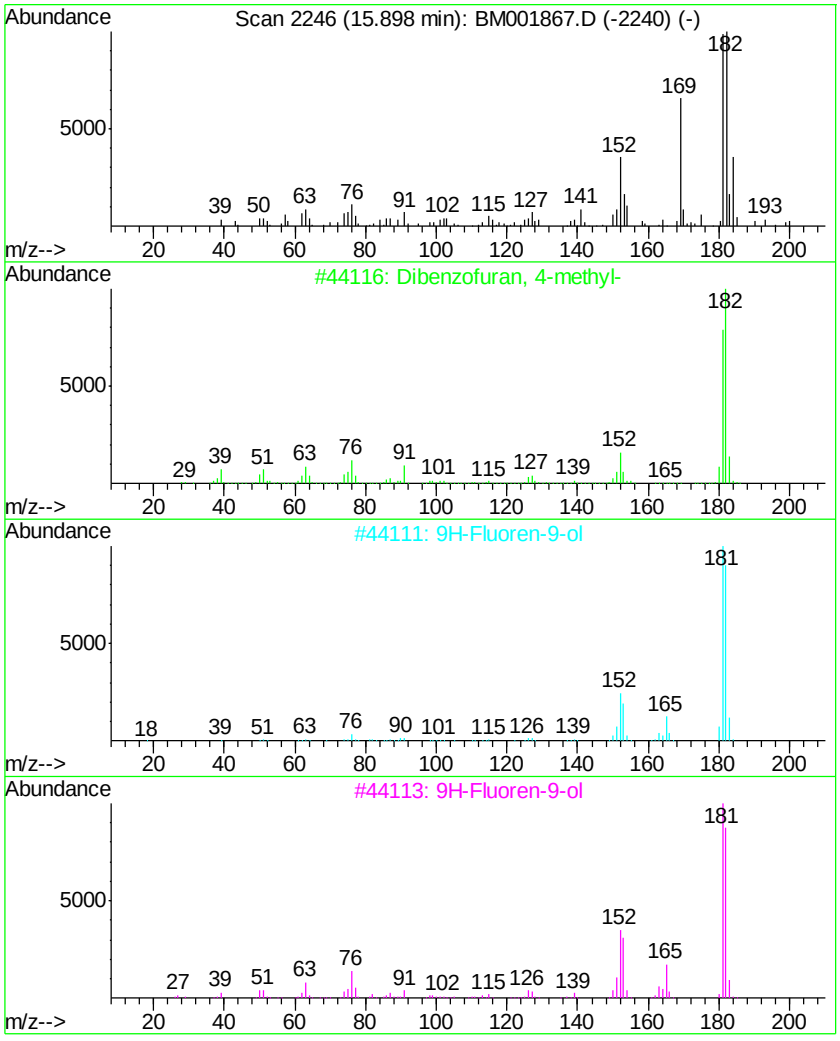
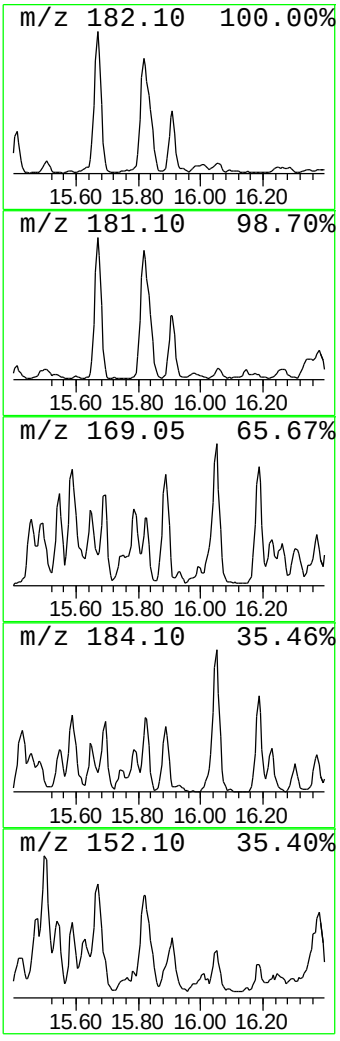
Peak Number 21 9H-Fluoren-9-ol Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	7.06 ng/ul	304918	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64





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Sample : G2860-21
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ALS Vial : 36 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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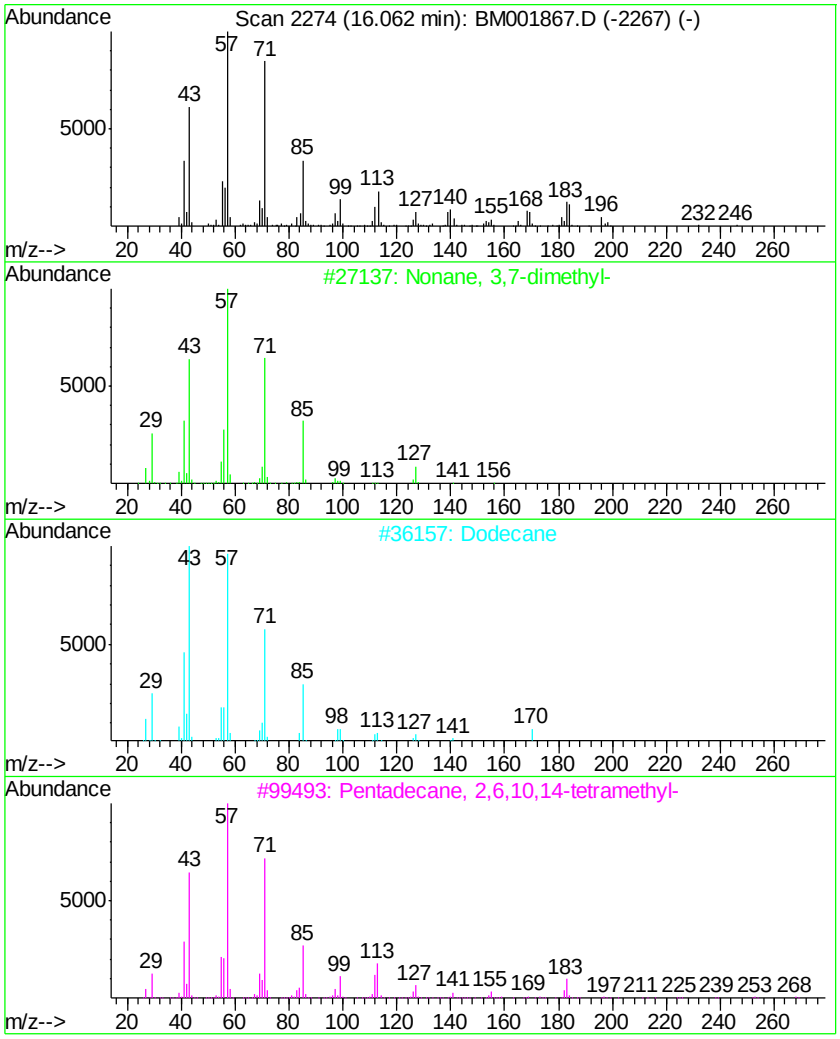
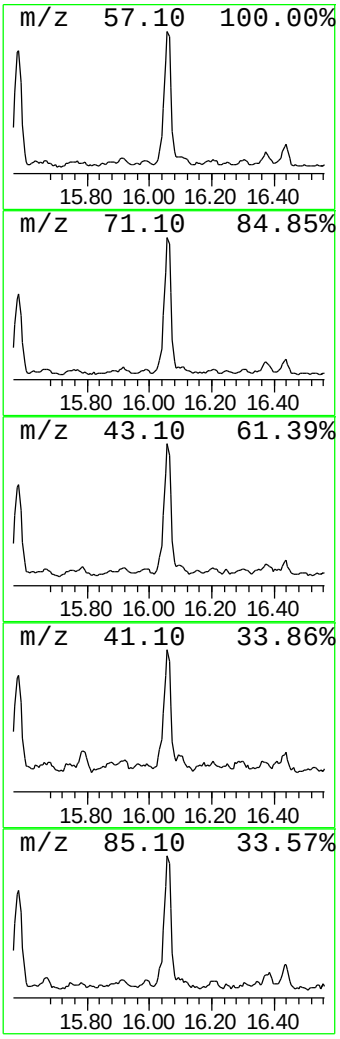
Peak Number 22 Nonane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	16.51 ng/ul	712576	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
2	Dodecane	170	C12H26	000112-40-3	60
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52





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Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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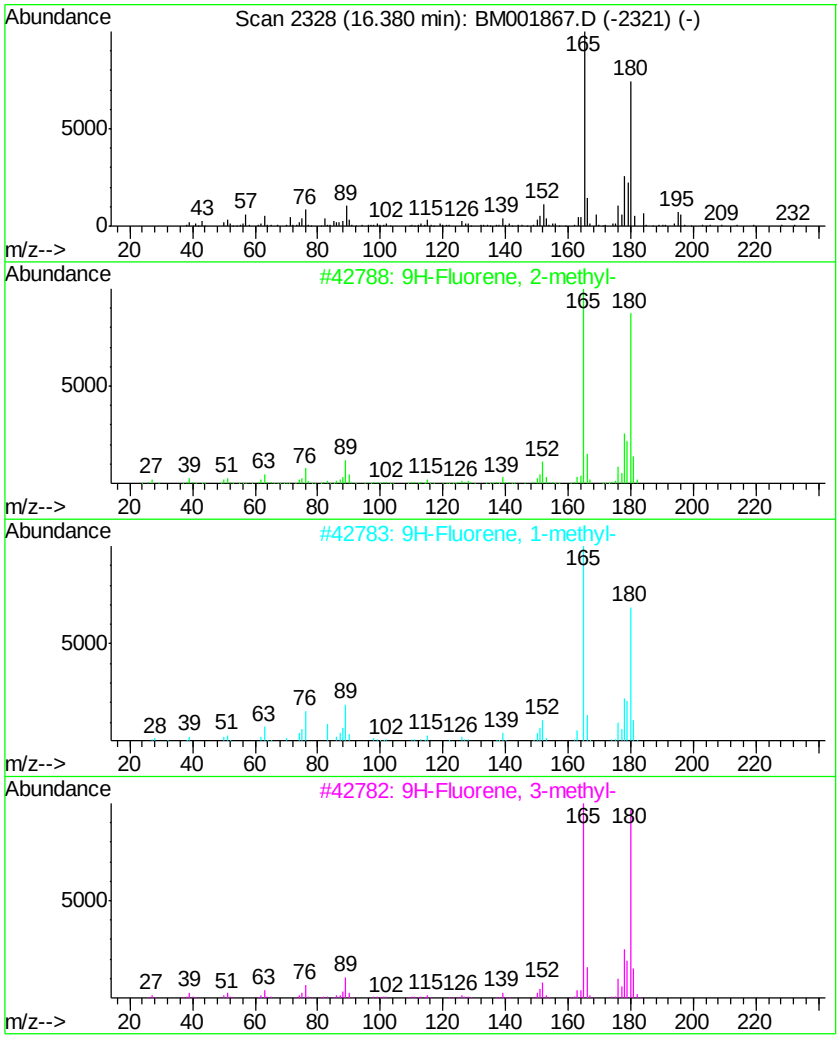
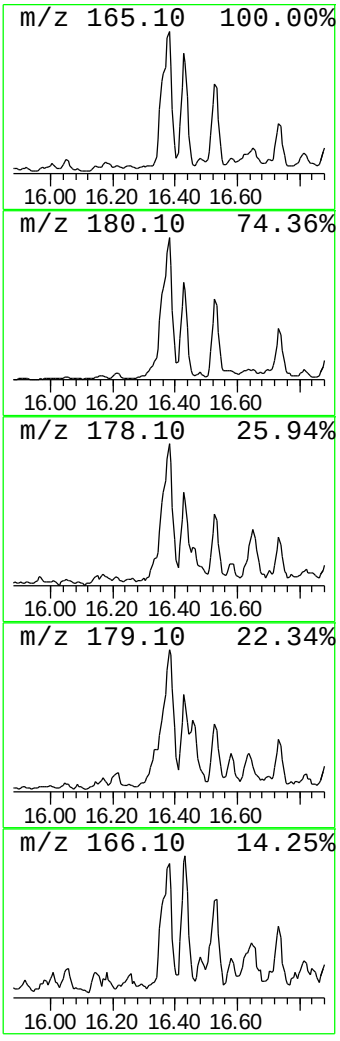
Peak Number 23 9H-Fluorene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	13.90 ng/ul	600206	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83





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Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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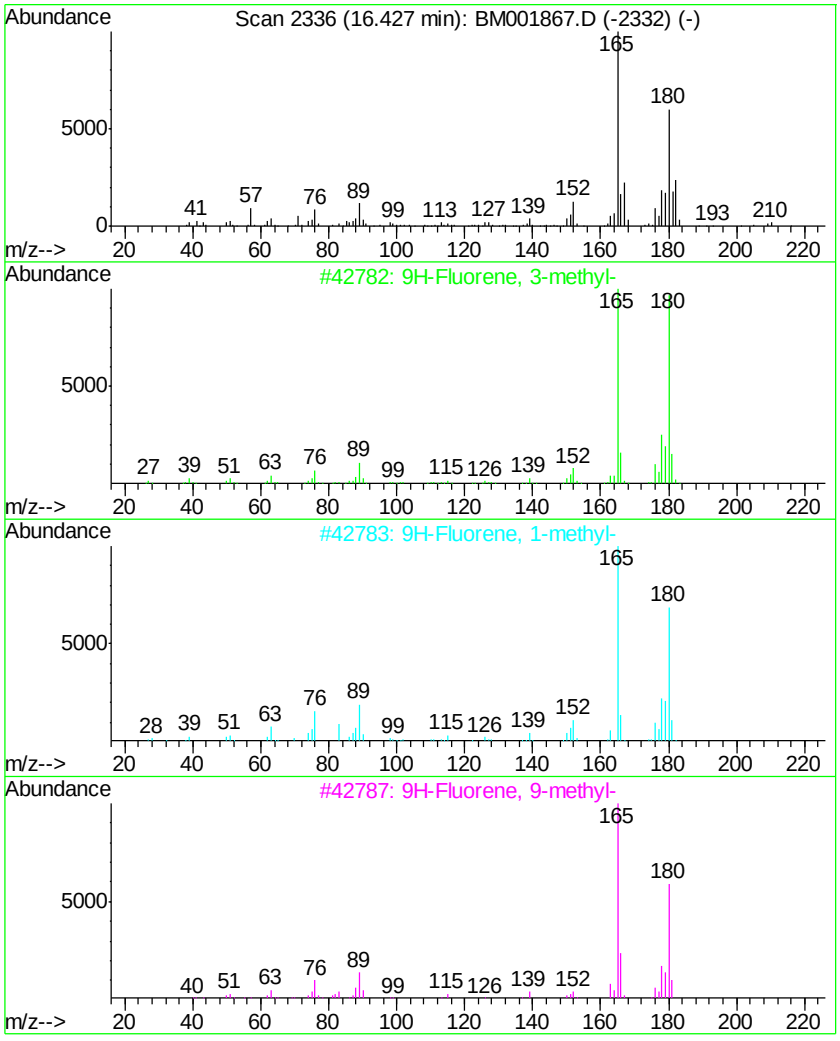
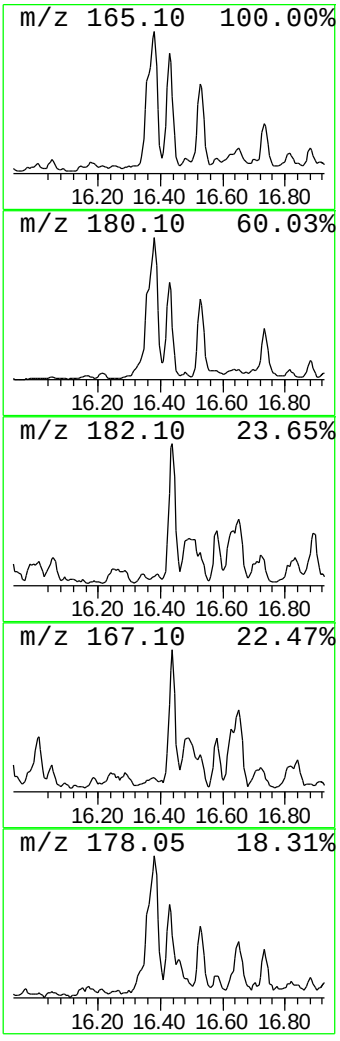
Peak Number 24 9H-Fluorene, 3-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	9.12 ng/ul	393593	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60





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ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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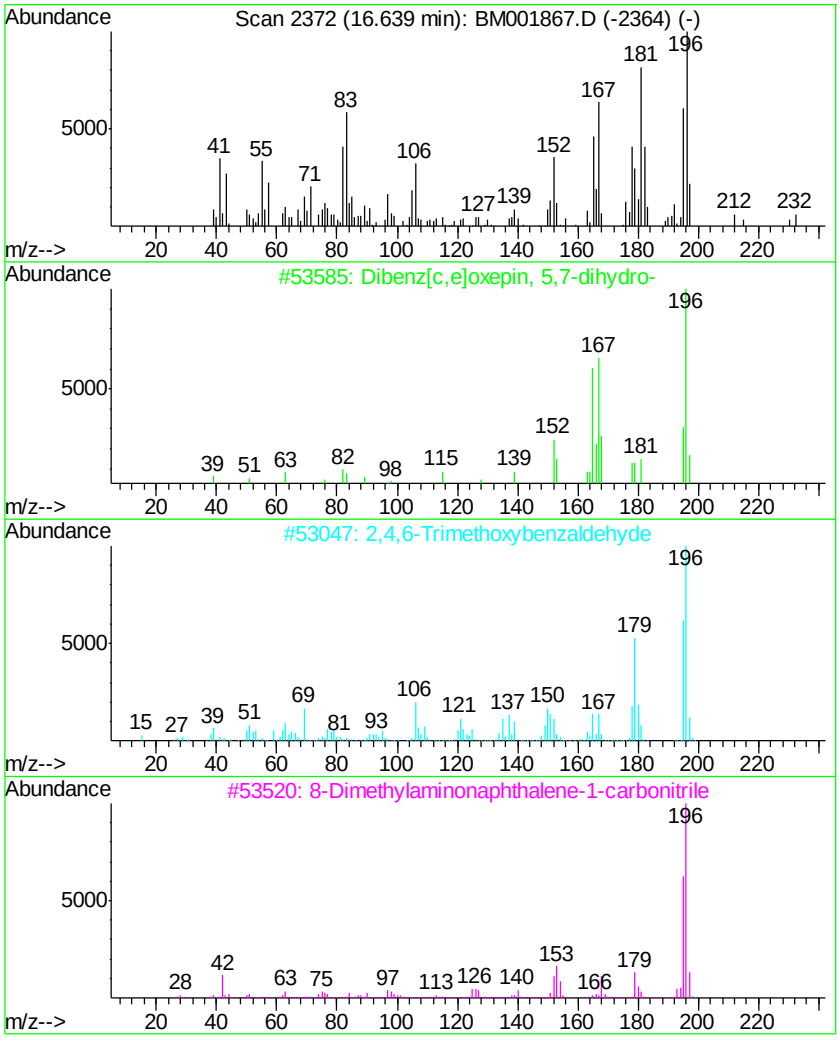
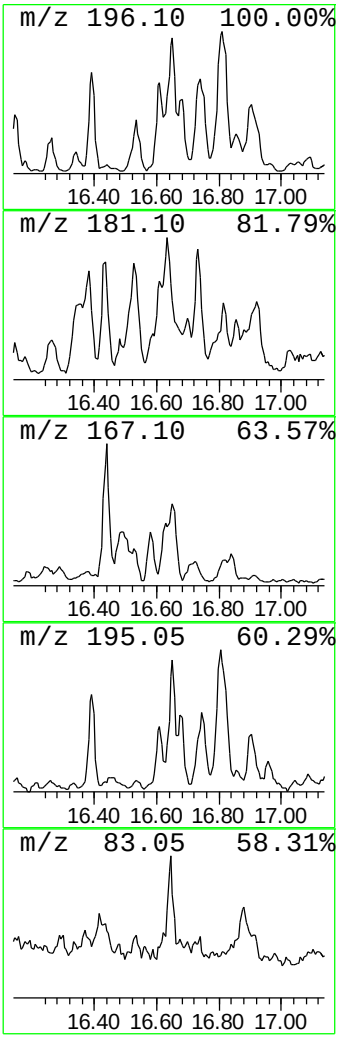
Peak Number 26 Dibenz[c,e]oxepin, 5,7-dihy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	11.15 ng/ul	481405	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	50
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	43
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	35
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	35
5	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	30





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Sample : G2860-21
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Instrument : BNA_M
ClientSampleId : G93K6

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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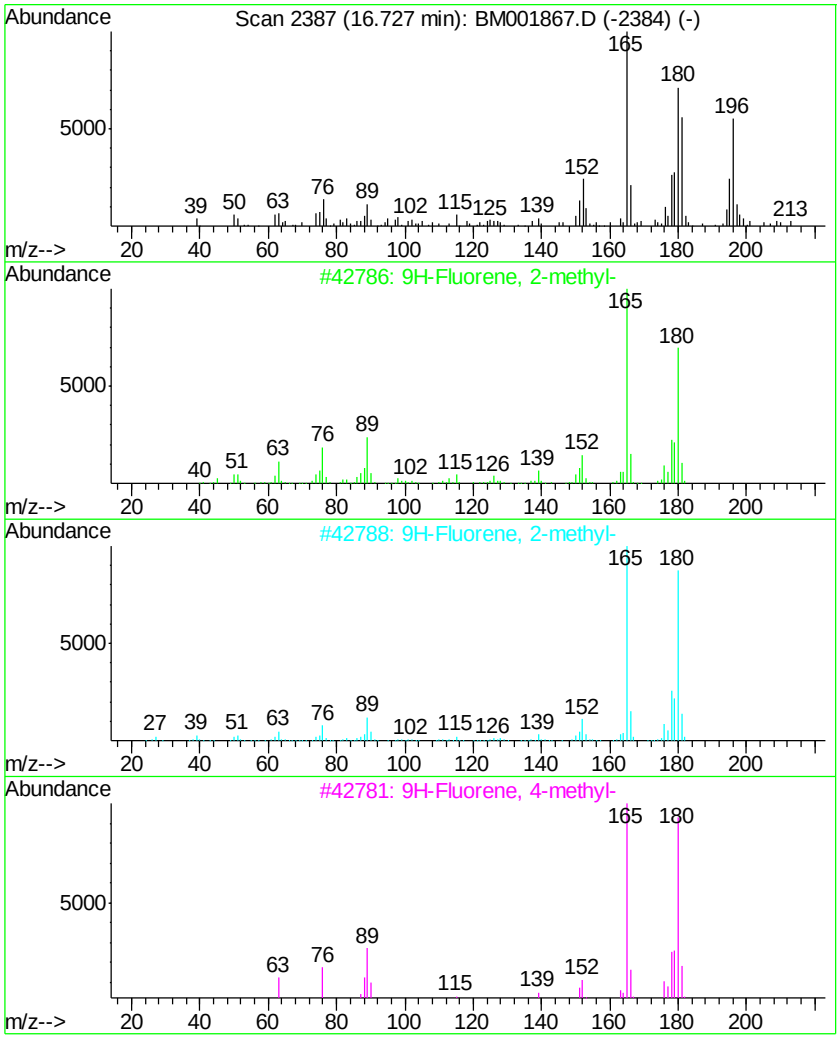
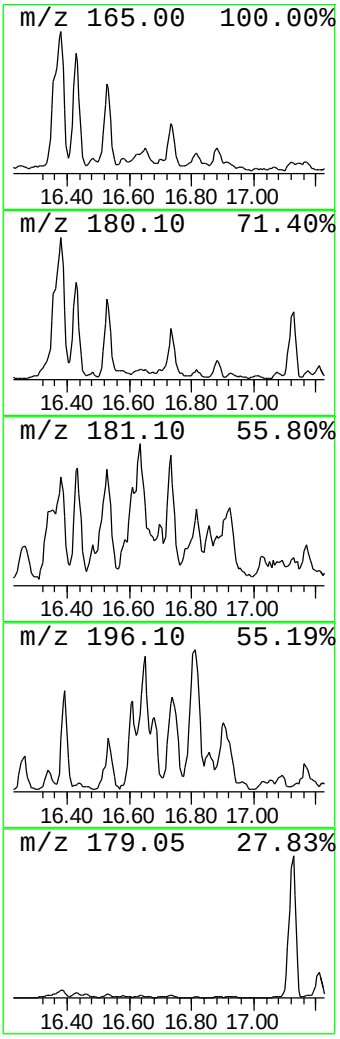
Peak Number 27 9H-Fluorene, 4-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	5.60 ng/ul	241852	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	60
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	53





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Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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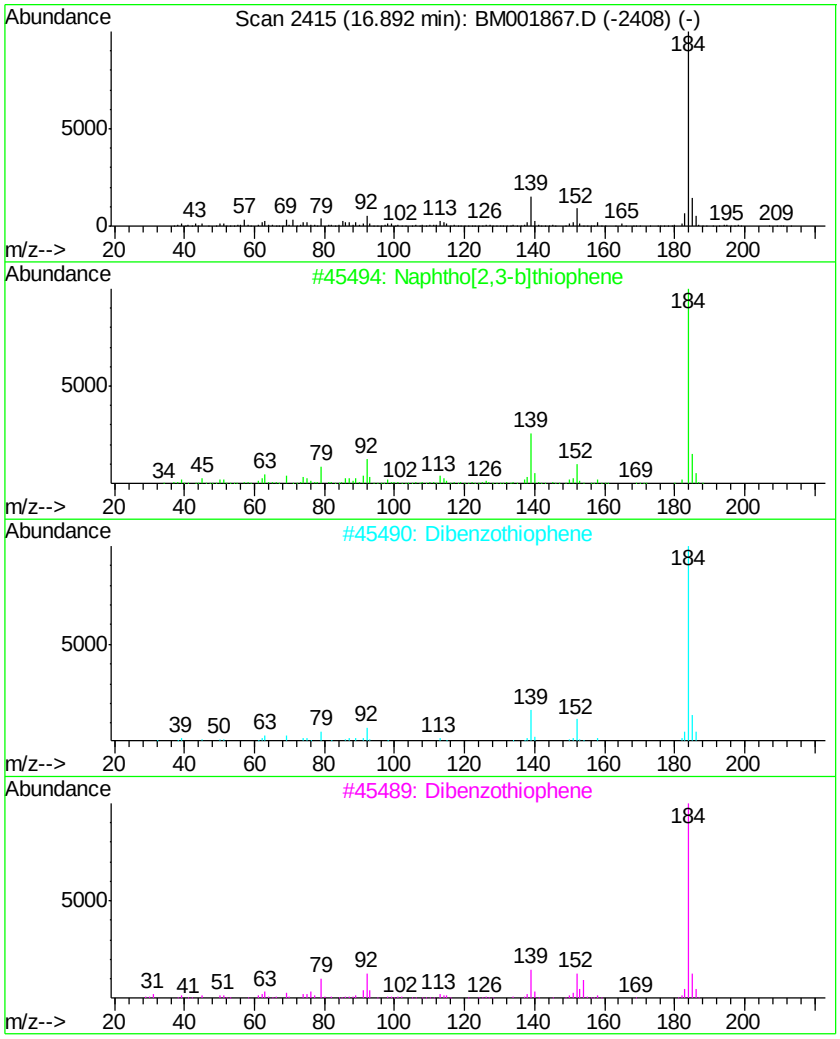
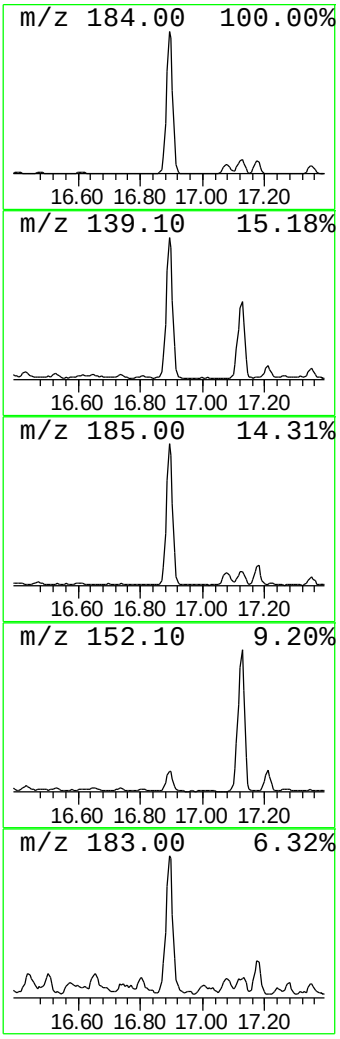
Peak Number 28 Naphtho[2,3-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	44.90 ng/ul	1938320	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

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Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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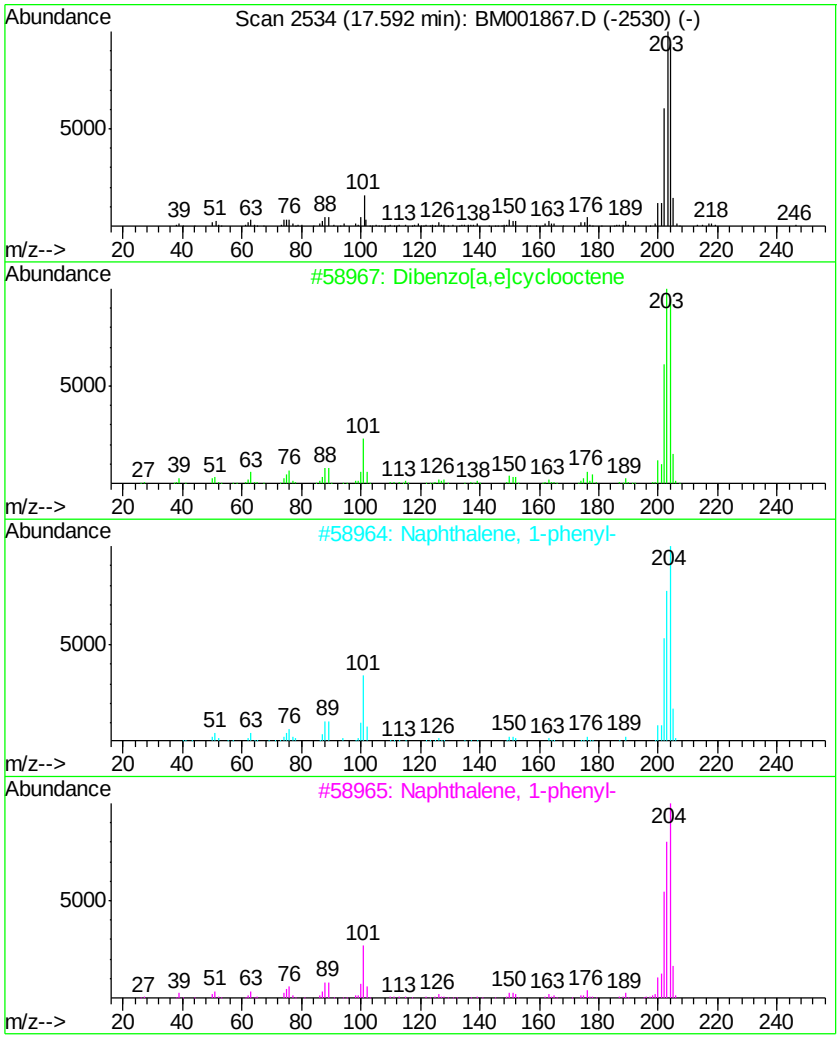
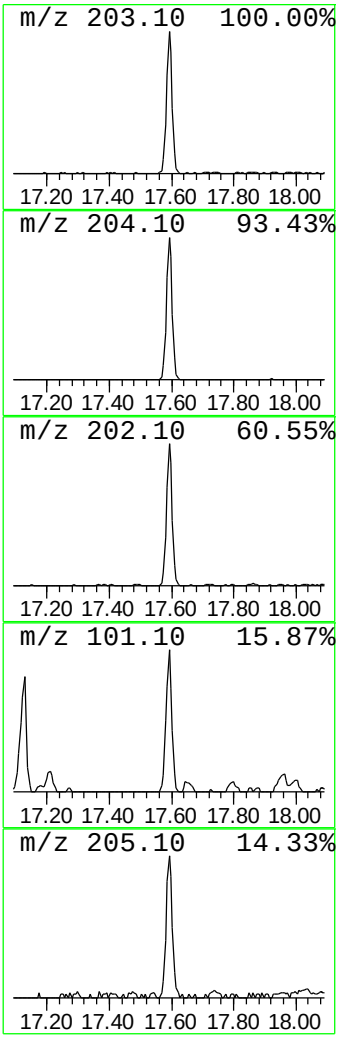
Peak Number 29 Dibenzo[a,e]cyclooctene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	9.62 ng/ul	415238	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	96
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





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Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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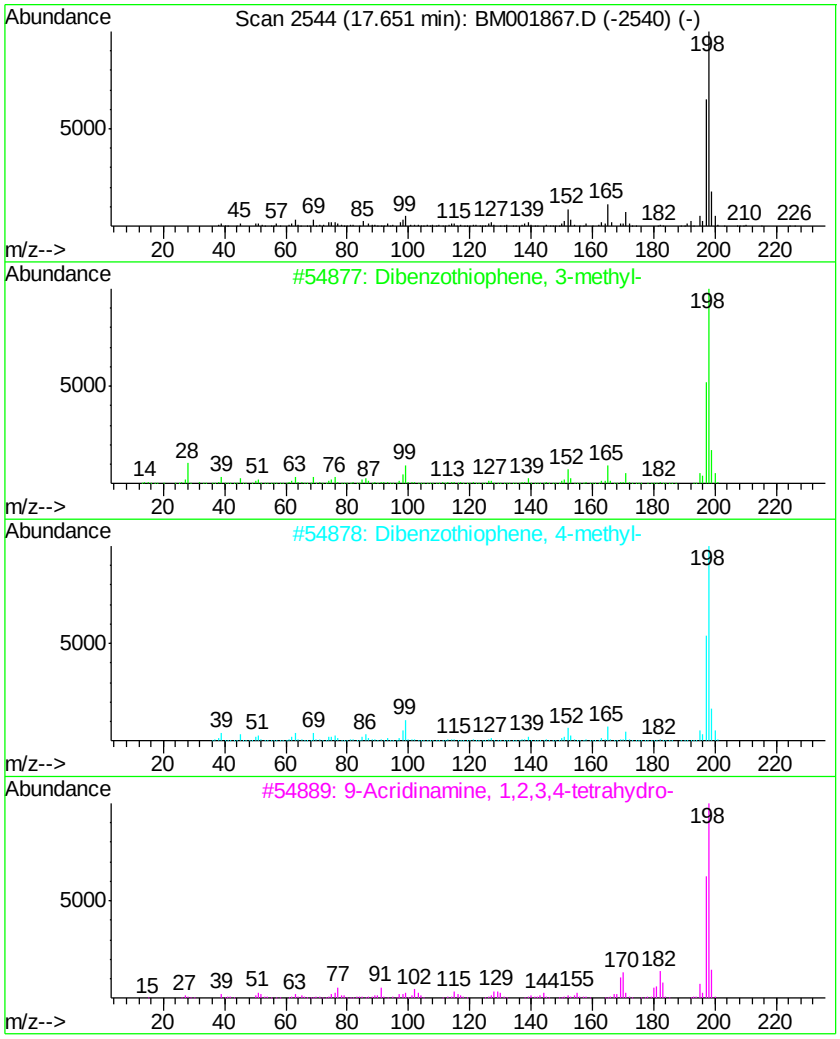
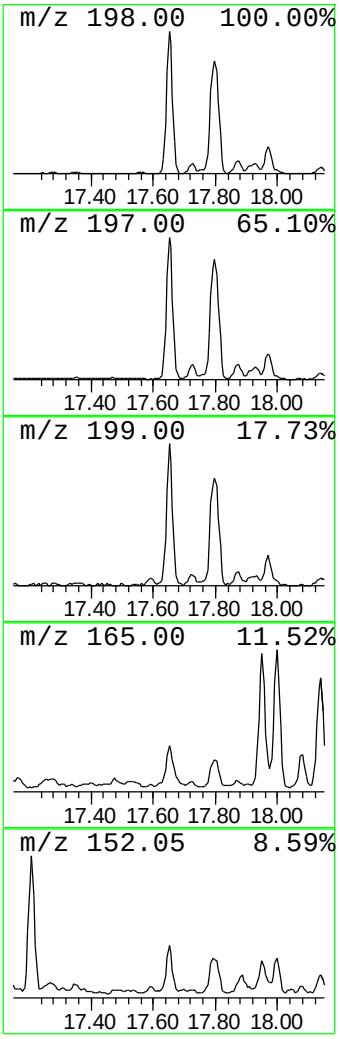
Peak Number 30 Dibenzothiophene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	18.36 ng/ul	792368	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72





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Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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Quant Title : SVOA CALIBRATION

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

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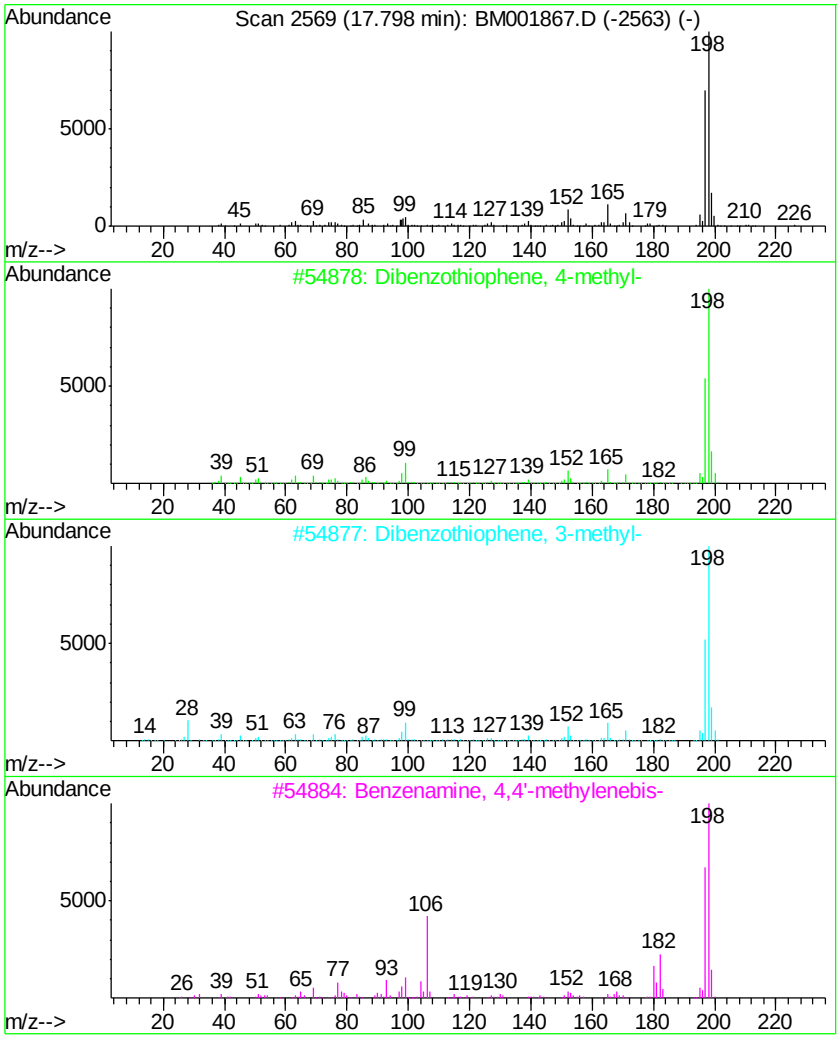
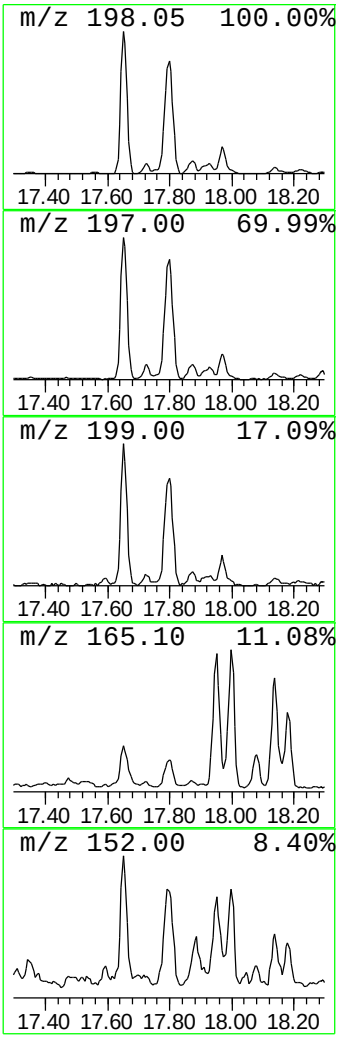
Peak Number 31 Dibenzothiophene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	16.75 ng/ul	722913	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	97
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





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Sample : G2860-21
Misc :
ALS Vial : 36 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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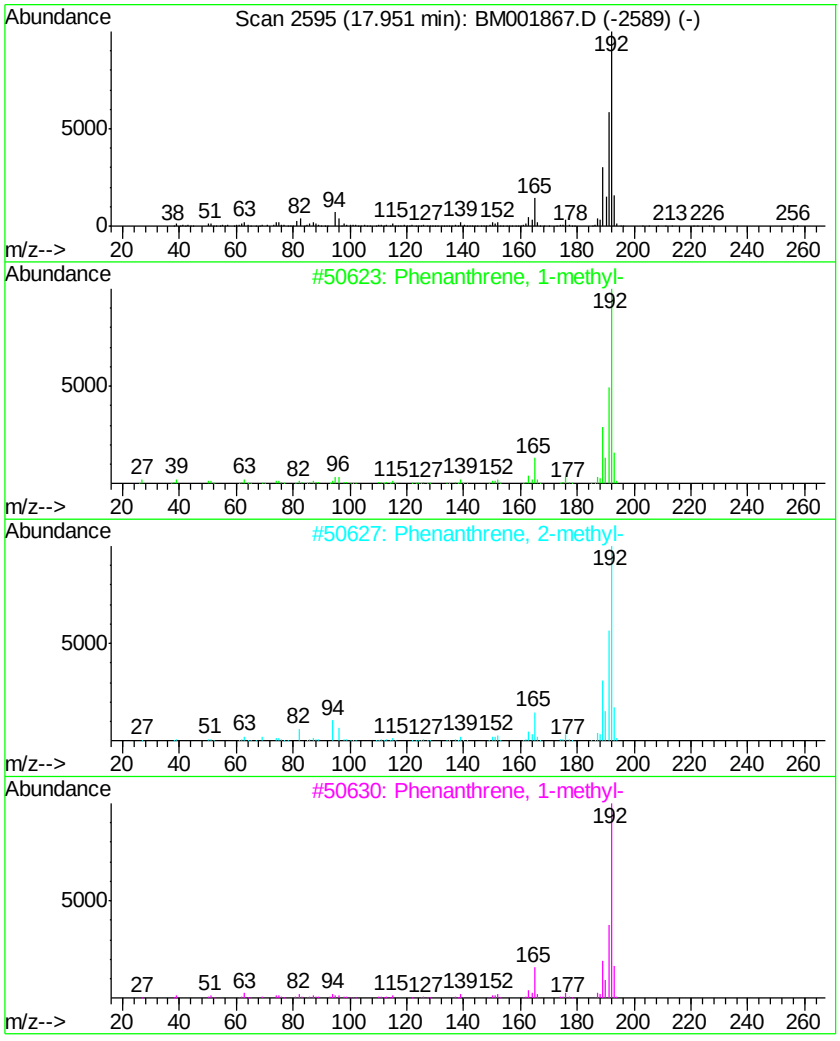
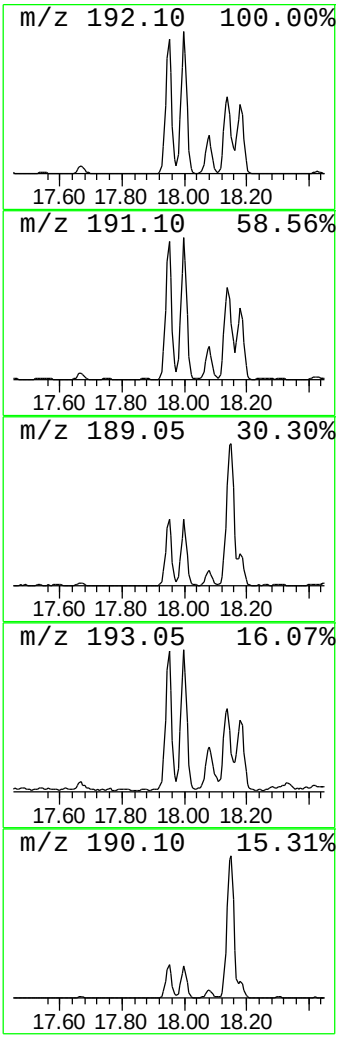
Peak Number 32 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	47.07 ng/ul	2032120	Phenanthrene-d10	17.08

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Library Search Compound Report

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Misc :
ALS Vial : 36 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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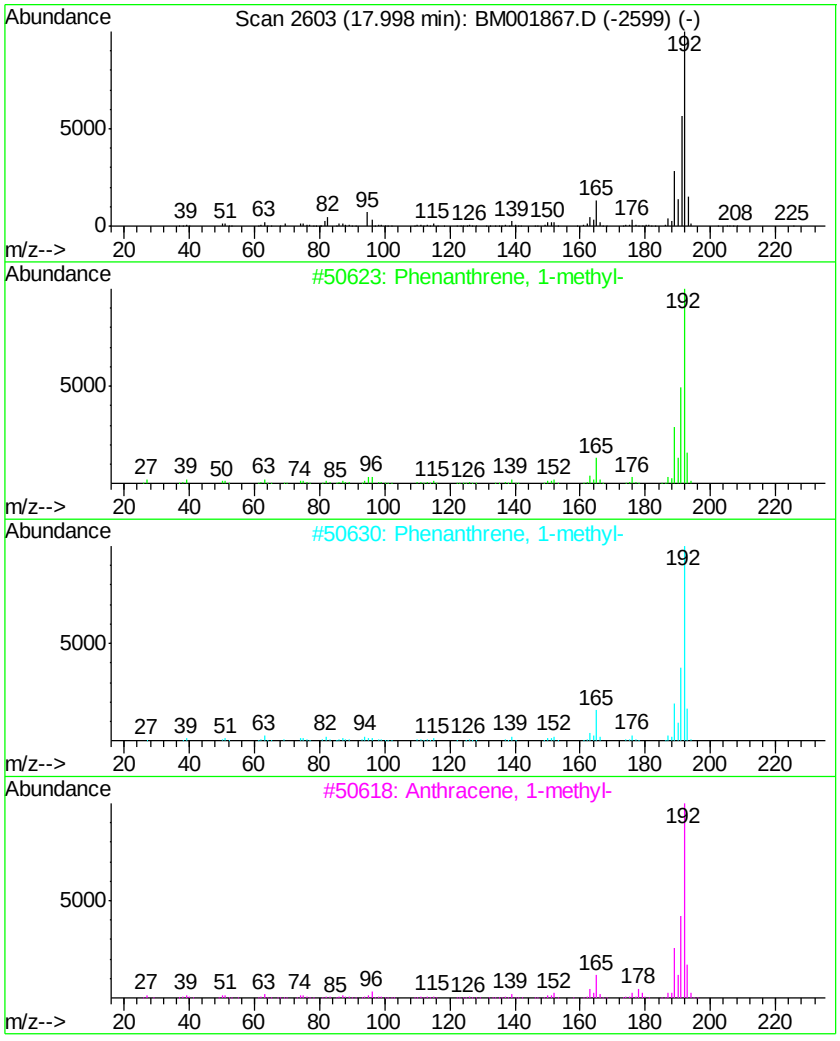
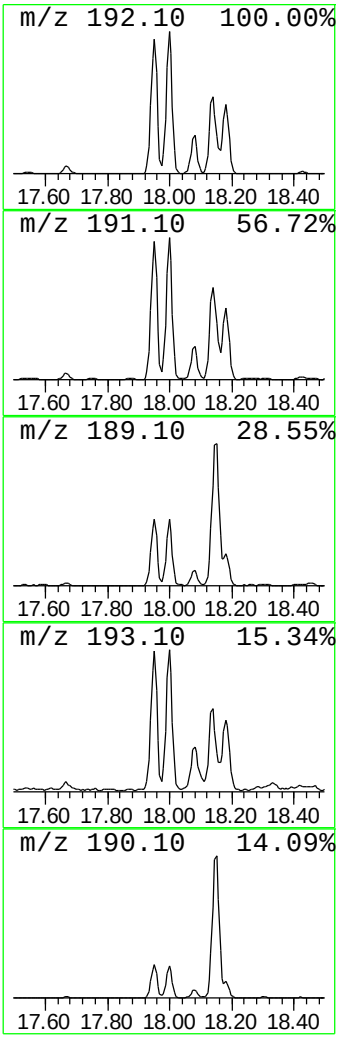
Peak Number 33 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	44.10 ng/ul	1903750	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Sample : G2860-21
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Quant Title : SVOA CALIBRATION

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

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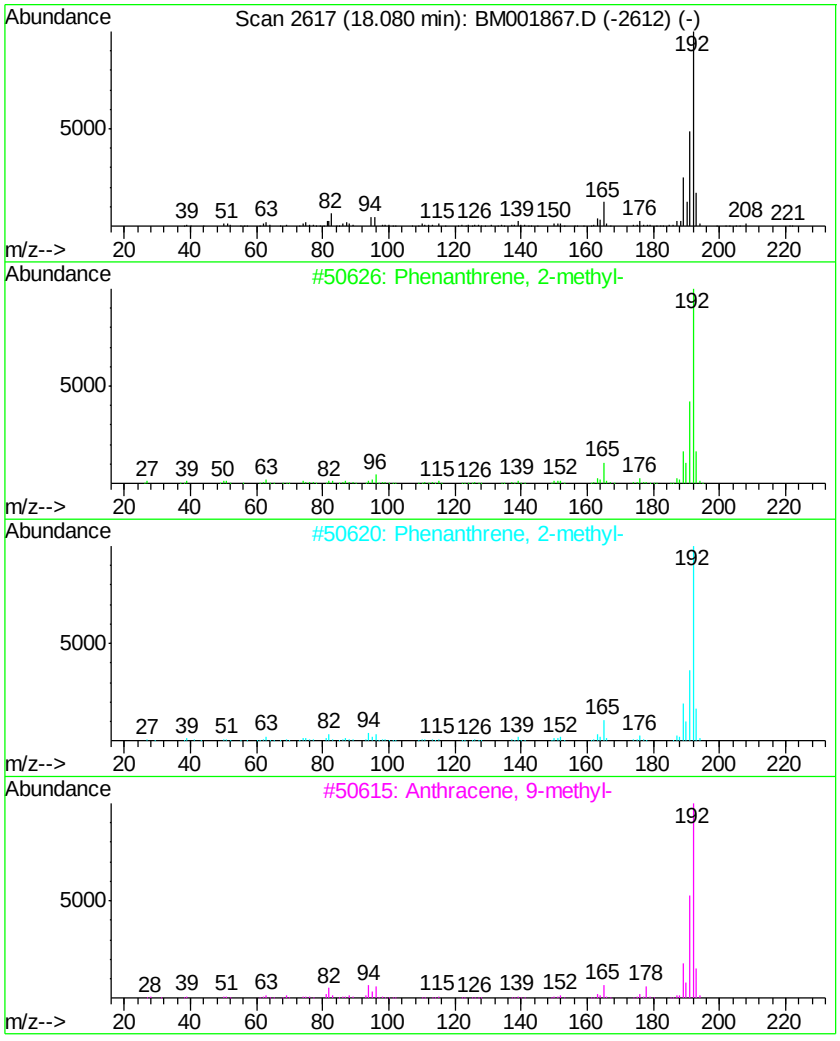
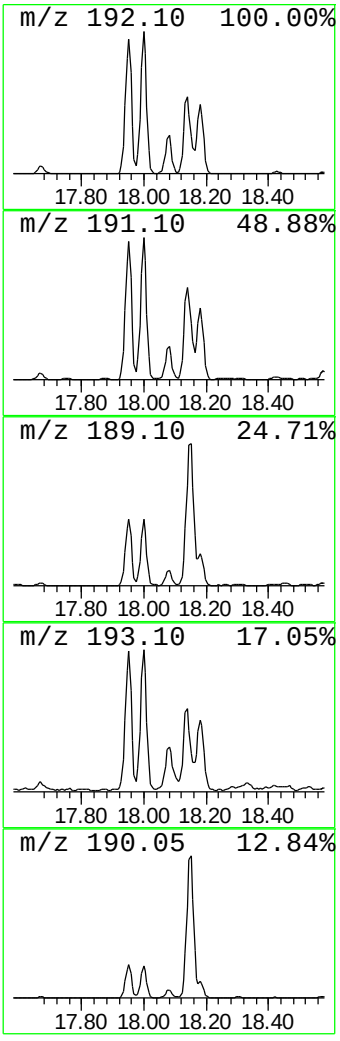
Peak Number 34 Phenanthrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	11.00 ng/ul	474870	Phenanthrene-d10	17.08

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	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001867.D
Acq On : 07 Jul 2015 14:38
Operator : TP/UM
Sample : G2860-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K6

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	111.1	ng/ul	2149490	1	7.67	386990	20.0
Indane	8.03	15.7	ng/ul	303036	1	7.67	386990	20.0
Indene	8.20	12.4	ng/ul	239654	1	7.67	386990	20.0
Nonane, 2,6-dimet...	11.47	7.9	ng/ul	279434	2	10.46	710811	20.0
Dodecane, 2,6,11-...	12.85	13.9	ng/ul	511468	3	14.33	733434	20.0
Naphthalene, 1-et...	13.35	7.2	ng/ul	265248	3	14.33	733434	20.0
Naphthalene, 2,7-...	13.49	37.5	ng/ul	1376340	3	14.33	733434	20.0
Naphthalene, 2,3-...	13.65	61.8	ng/ul	2264500	3	14.33	733434	20.0
Naphthalene, 1,5-...	13.88	25.4	ng/ul	932069	3	14.33	733434	20.0
Naphthalene, 2,3,...	14.62	7.7	ng/ul	282108	3	14.33	733434	20.0
Cyclohexane, 1,1'...	14.85	8.2	ng/ul	302199	3	14.33	733434	20.0
3-Methyl-4-(metho...	15.58	16.0	ng/ul	585977	3	14.33	733434	20.0
Dibenzofuran, 4-m...	15.67	13.2	ng/ul	482562	3	14.33	733434	20.0
Fluorene-9-methanol	15.79	8.5	ng/ul	366855	4	17.08	863378	20.0
[1,1'-Biphenyl]-4...	15.82	8.8	ng/ul	381411	4	17.08	863378	20.0
9H-Fluoren-9-ol	15.90	7.1	ng/ul	304918	4	17.08	863378	20.0
Nonane, 3,7-dimet...	16.06	16.5	ng/ul	712576	4	17.08	863378	20.0
9H-Fluorene, 2-me...	16.38	13.9	ng/ul	600206	4	17.08	863378	20.0
9H-Fluorene, 3-me...	16.43	9.1	ng/ul	393593	4	17.08	863378	20.0
Dibenz[c,e]oxepin...	16.64	11.2	ng/ul	481405	4	17.08	863378	20.0
9H-Fluorene, 4-me...	16.73	5.6	ng/ul	241852	4	17.08	863378	20.0
Naphtho[2,3-b]thi...	16.89	44.9	ng/ul	1938320	4	17.08	863378	20.0
Dibenzo[a,e]cyclo...	17.59	9.6	ng/ul	415238	4	17.08	863378	20.0
Dibenzothiophene,...	17.65	18.4	ng/ul	792368	4	17.08	863378	20.0
Dibenzothiophene,...	17.80	16.8	ng/ul	722913	4	17.08	863378	20.0
Phenanthrene, 1-m...	17.95	47.1	ng/ul	2032120	4	17.08	863378	20.0
Anthracene, 1-met...	18.00	44.1	ng/ul	1903750	4	17.08	863378	20.0
Phenanthrene, 2-m...	18.08	11.0	ng/ul	474870	4	17.08	863378	20.0