LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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	2.810	15	21	24	rVV	78515	119555	3.20%	0.236%
2	2.881	29	33	52	rVB	2138012	2621897	70.07%	5.171%
3	5.663	501	506	517	rBV	70276	116597	3.12%	0.230%
4	6.834	698	705	719	rBB	187658	295603	7.90%	0.583%
5	7.004	728	734	740	rBV	130410	190956	5.10%	0.377%
6	7.192	756	766	773	rVB	182250	293693	7.85%	0.579%
7	7.322	783	788	795	rVV2	46585	81268	2.17%	0.160%
8	7.663	837	846	854	rBV	334338	538116	14.38%	1.061%
9	8.198	932	937	944	rBV	36088	63859	1.71%	0.126%
10	8.369	961	966	974	rVB	221439	345487	9.23%	0.681%
11	8.828	1037	1044	1050	rBV	160466	259766	6.94%	0.512%
12	9.545	1160	1166	1174	rVV	142613	234582	6.27%	0.463%
13	10.075	1251	1256	1263	rVV	220048	370027	9.89%	0.730%
14	10.457	1311	1321	1325	rBV	430966	723416	19.33%	1.427%
15	10.504	1325	1329	1336	rVB	206076	345481	9.23%	0.681%
16	10.598	1338	1345	1354	rBV	124414	216159	5.78%	0.426%
17	12.127	1596	1605	1612	rBV	104904	167368	4.47%	0.330%
18	12.345	1637	1642	1650	rVB	66086	106929	2.86%	0.211%
19	13.145	1768	1778	1783	rBV2	34630	65299	1.75%	0.129%
20	13.492	1828	1837	1844	rVV5	27363	72803	1.95%	0.144%
21	13.639	1856	1862	1867	rBV2	57451	97788	2.61%	0.193%
22	13.733	1873	1878	1882	rVV	325775	447110	11.95%	0.882%
23	13.774	1882	1885	1893	rVB2	151731	240593	6.43%	0.474%
24	14.016	1920	1926	1928	rBV	376797	585739	15.65%	1.155%
25	14.045	1928	1931	1943	rVB	434675	627629	16.77%	1.238%
26	14.321	1966	1978	1985	rBV2	547972	891100	23.82%	1.757%
27	14.527	2006	2013	2021	rBV	145743	234369	6.26%	0.462%
28	14.721	2042	2046	2055	rVB	62736	95476	2.55%	0.188%
29	14.927	2075	2081	2088	rBV3	42259	107670	2.88%	0.212%
30	15.192	2124	2126	2133	rVB2	44768	64498	1.72%	0.127%
31	15.315	2142	2147	2152	rVV	486708	682734	18.25%	1.346%
32	15.374	2152	2157	2165	rVV4	53727	110510	2.95%	0.218%
33	15.445	2165	2169	2174	rVV	112390	146798	3.92%	0.290%
34	15.574	2187	2191	2199	rVB4	52951	105859	2.83%	0.209%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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	16.051	2265	2272	2278	rBV5	130054	267140	7.14%	0.527%
36	16.727	2383	2387	2394	rVV	76440	125035	3.34%	0.247%
37	16.827	2400	2404	2407	rVV	56480	80020	2.14%	0.158%
38	16.880	2409	2413	2423	rVB3	69069	144588	3.86%	0.285%
39	17.068	2440	2445	2449	rBV2	599147	909268	24.30%	1.793%
40	17.109	2449	2452	2457	rVV	629035	904513	24.17%	1.784%
41	17.168	2457	2462	2465	rVV2	461388	690135	18.44%	1.361%
42	17.204	2465	2468	2472	rVV	261483	337361	9.02%	0.665%
43	17.251	2472	2476	2484	rVV5	33417	79907	2.14%	0.158%
44	17.586	2531	2533	2539	rVB	57510	72263	1.93%	0.143%
45	17.651	2540	2544	2550	rVB2	56410	85220	2.28%	0.168%
46	17.951	2589	2595	2599	rVV2	194204	416532	11.13%	0.821%
47	17.992	2599	2602	2608	rVV	214244	320371	8.56%	0.632%
48	18.074	2611	2616	2621	rVV	71363	107287	2.87%	0.212%
49	18.133	2621	2626	2631	rVV2	239125	473888	12.66%	0.935%
50	18.174	2631	2633	2640	rVB	144785	190802	5.10%	0.376%
51	18.256	2643	2647	2650	rBV4	60494	82214	2.20%	0.162%
52	18.451	2675	2680	2683	rVV	117717	160600	4.29%	0.317%
53	18.492	2683	2687	2692	rVB3	124673	184510	4.93%	0.364%
54	18.692	2719	2721	2726	rVV3	71071	112777	3.01%	0.222%
55	18.745	2728	2730	2733	rVV	62070	73512	1.96%	0.145%
56	18.786	2734	2737	2741	rVB	58018	71347	1.91%	0.141%
57	18.868	2746	2751	2757	rVV3	233093	479828	12.82%	0.946%
58	18.927	2758	2761	2765	rVV3	81992	148832	3.98%	0.294%
59	18.962	2765	2767	2770	rVB	78272	79000	2.11%	0.156%
60	19.009	2771	2775	2781	rBV	253617	398627	10.65%	0.786%
61	19.133	2791	2796	2802	rVB	1465861	1968262	52.60%	3.882%
62	19.198	2804	2807	2810	rVV2	59517	77980	2.08%	0.154%
63	19.239	2811	2814	2818	rVV3	55051	89196	2.38%	0.176%
64	19.286	2818	2822	2826	rVB	192724	247446	6.61%	0.488%
65	19.339	2827	2831	2834	rBV2	52927	71654	1.91%	0.141%
66	19.403	2840	2842	2846	rVB2	84311	104470	2.79%	0.206%
67	19.474	2848	2854	2855	rBV2	601450	805605	21.53%	1.589%
68	19.503	2855	2859	2866	rVV	2222348	2942996	78.65%	5.804%
69	19.574	2866	2871	2877	rVB2	133275	217263	5.81%	0.428%
70	19.733	2895	2898	2904	rVB4	95171	145491	3.89%	0.287%
71	19.827	2909	2914	2923	rBV2	201366	508044	13.58%	1.002%

LSC Area Percent Report

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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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	19.962	2932	2937	2939	rBV3	188270	329748	8.81%	0.650%
73	20.092	2957	2959	2963	rVB2	70106	72455	1.94%	0.143%
74	20.156	2965	2970	2974	rVB	292286	393307	10.51%	0.776%
75	20.297	2990	2994	2997	rBV	270389	356071	9.52%	0.702%
76	20.339	2998	3001	3005	rVB	210052	254795	6.81%	0.502%
77	20.745	3066	3070	3077	rVB	272258	376402	10.06%	0.742%
78	20.909	3092	3098	3102	rBV2	169841	342956	9.17%	0.676%
79	20.950	3102	3105	3107	rVV	225041	293791	7.85%	0.579%
80	20.986	3107	3111	3116	rVV	316487	596607	15.94%	1.177%
81	21.044	3117	3121	3127	rVB2	226644	345108	9.22%	0.681%
82	21.256	3152	3157	3162	rBV2	1514432	3059697	81.77%	6.034%
83	21.303	3162	3165	3172	rVB	1181499	1434146	38.33%	2.828%
84	21.468	3190	3193	3197	rBV	194357	250170	6.69%	0.493%
85	21.621	3217	3219	3223	rVB3	95657	111786	2.99%	0.220%
86	21.756	3239	3242	3245	rBV	99888	118353	3.16%	0.233%
87	21.809	3245	3251	3255	rVV	322691	586714	15.68%	1.157%
88	21.862	3257	3260	3266	rVB2	203175	316839	8.47%	0.625%
89	22.009	3282	3285	3288	rBV	128719	164065	4.38%	0.324%
90	22.568	3376	3380	3392	rVB4	144823	386434	10.33%	0.762%
91	22.833	3419	3425	3437	rVB2	1292223	3741748	100.00%	7.379%
92	22.997	3448	3453	3461	rVB	356175	609103	16.28%	1.201%
93	23.309	3500	3506	3511	rBV	925692	1764639	47.16%	3.480%
94	23.362	3511	3515	3518	rVV2	372448	673455	18.00%	1.328%
95	23.403	3518	3522	3528	rVB	1069127	1853188	49.53%	3.655%
96	23.503	3533	3539	3543	rVV	500473	997581	26.66%	1.967%
97	23.550	3543	3547	3554	rVB2	301537	621212	16.60%	1.225%
98	25.515	3877	3881	3889	rVB3	194698	449720	12.02%	0.887%
99	25.762	3913	3923	3932	rVB2	808266	2388759	63.84%	4.711%
100	26.456	4032	4041	4055	rVB	623240	1977011	52.84%	3.899%

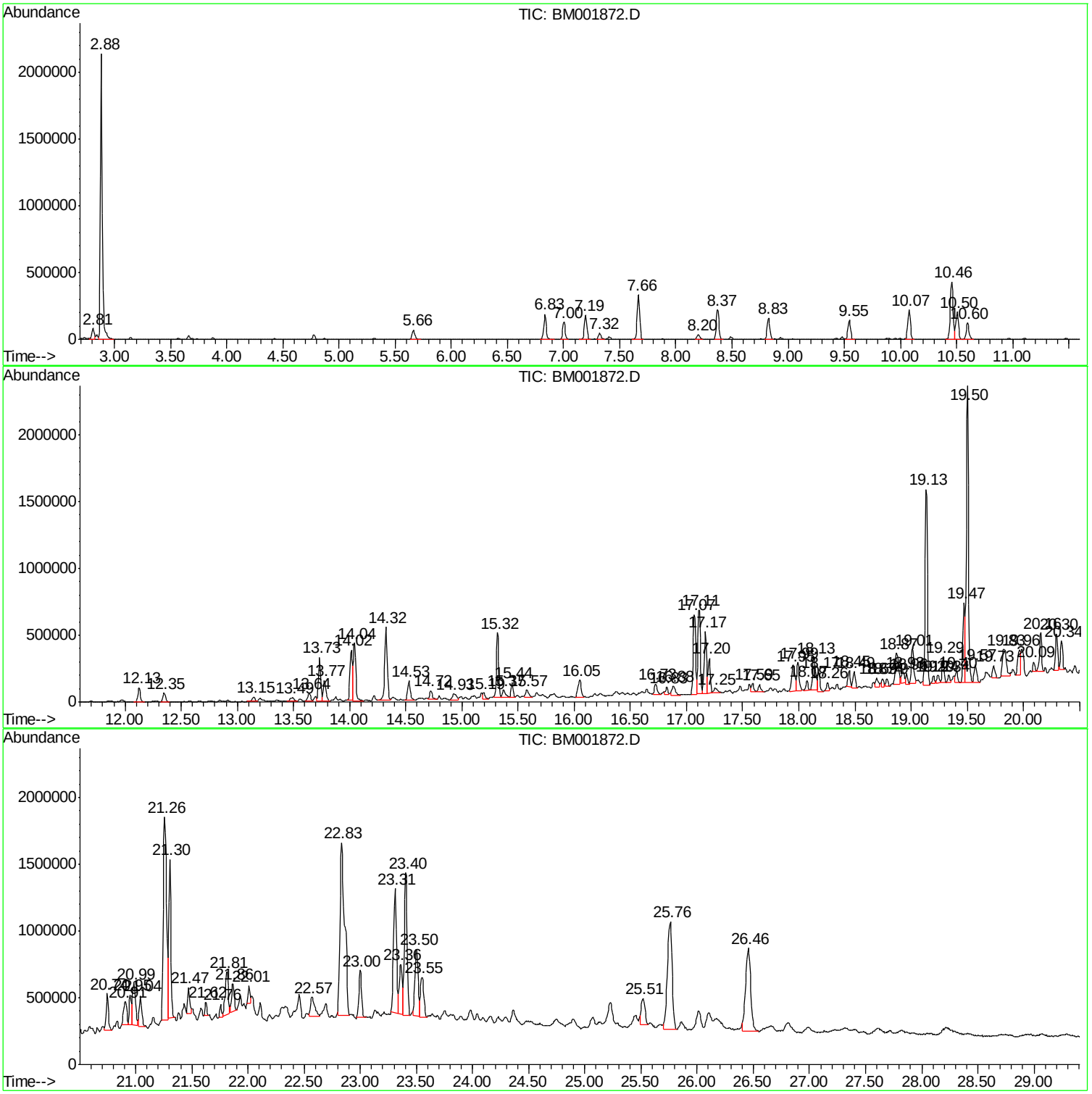
Sum of corrected areas: 50706578

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
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Instrument : BNA_M
ClientSampleId : G93K3

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

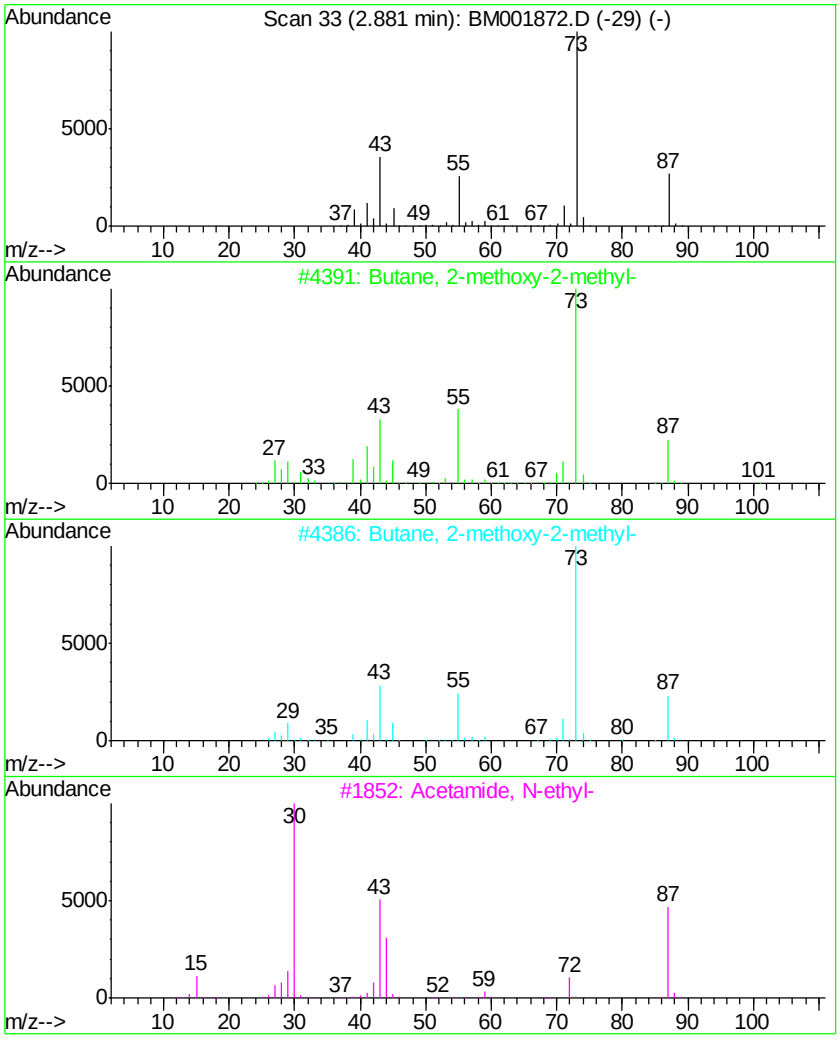
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

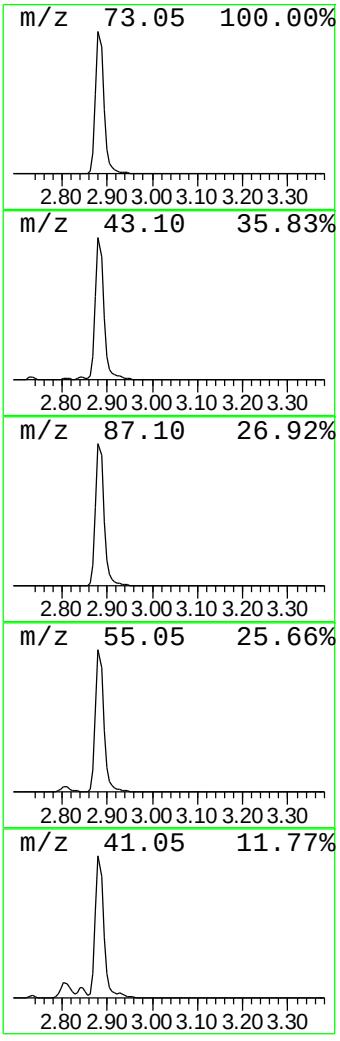
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	97.45 ng/ul	2621900	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	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 : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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

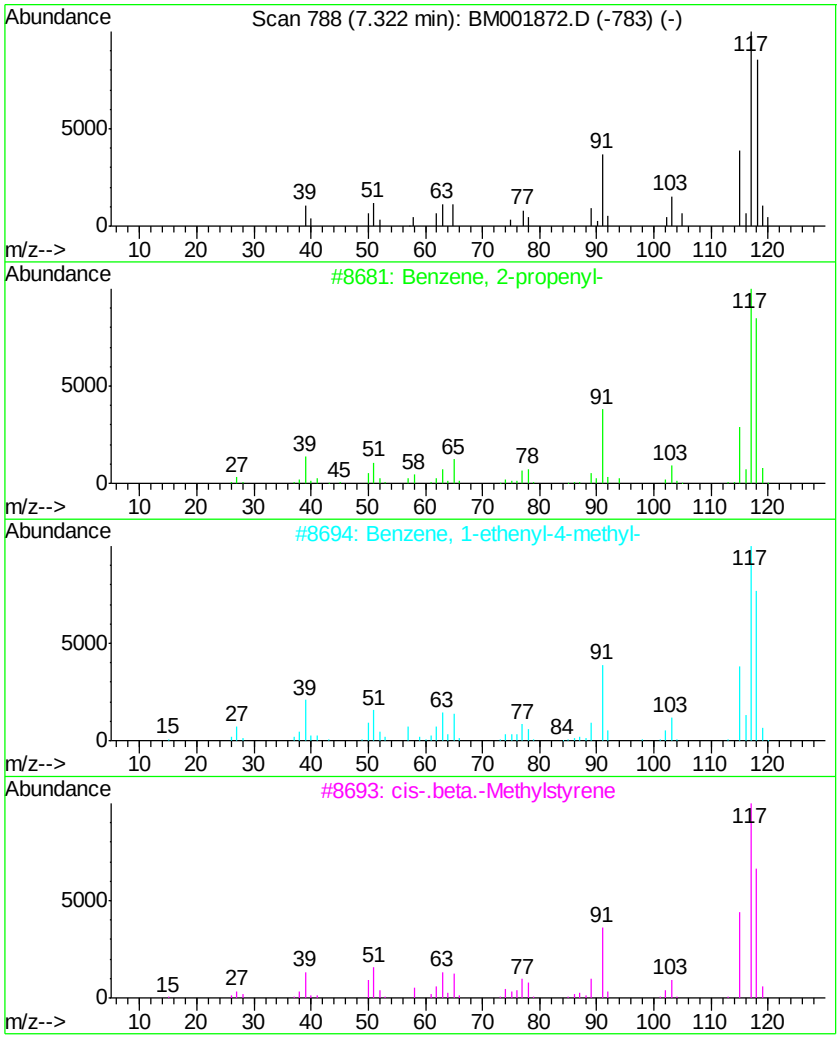
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

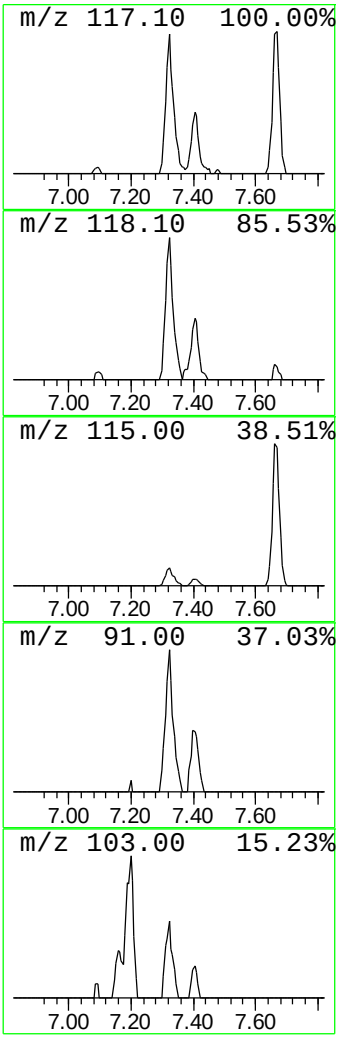
****

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	3.02 ng/ul	81268	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	90
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	81





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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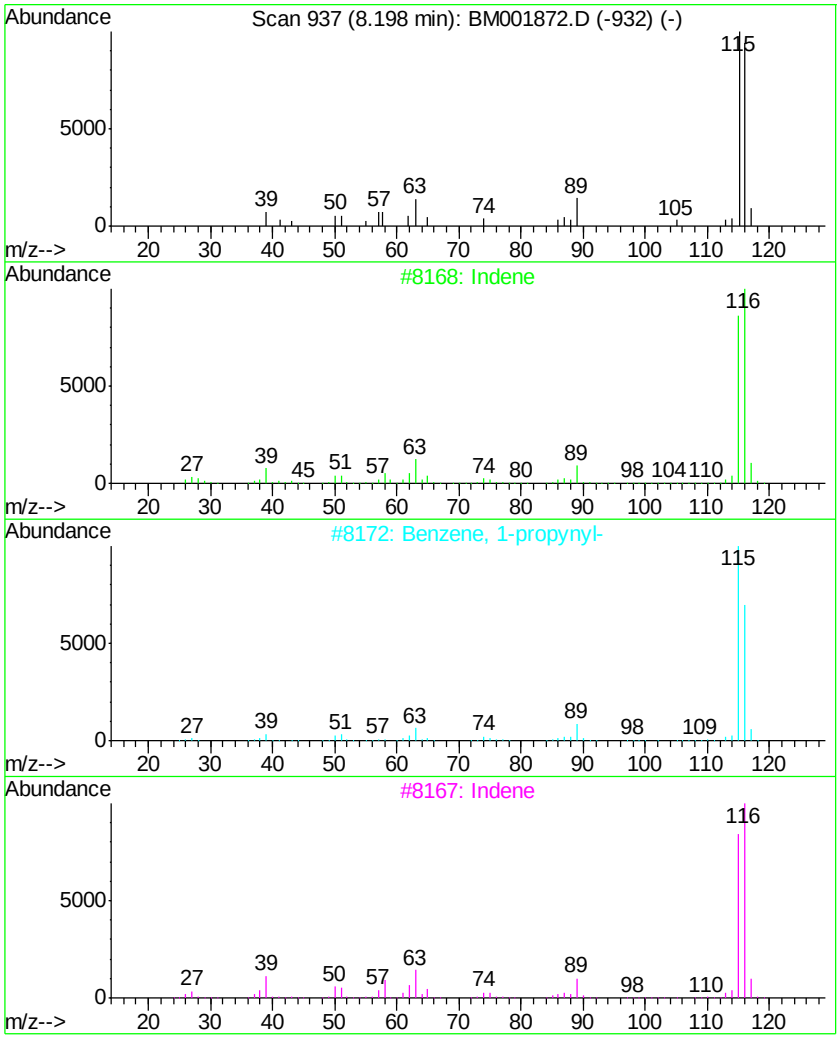
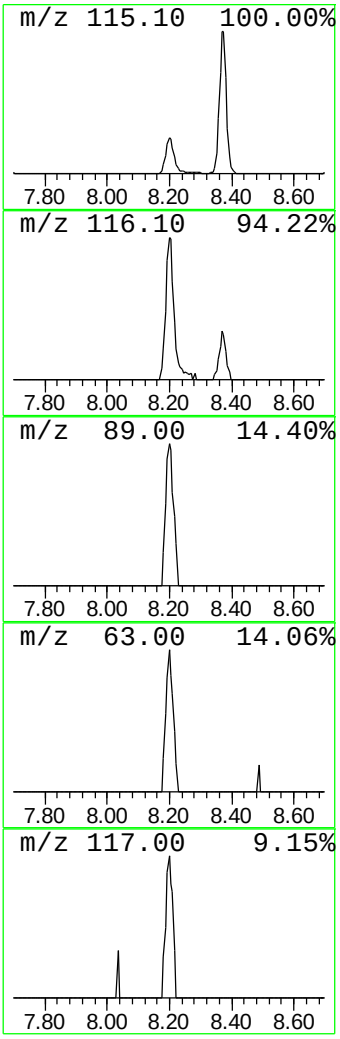
Peak Number 5 Indene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.37 ng/ul	63859	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Indene	116	C9H8	000095-13-6	91
4	Indene	116	C9H8	000095-13-6	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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

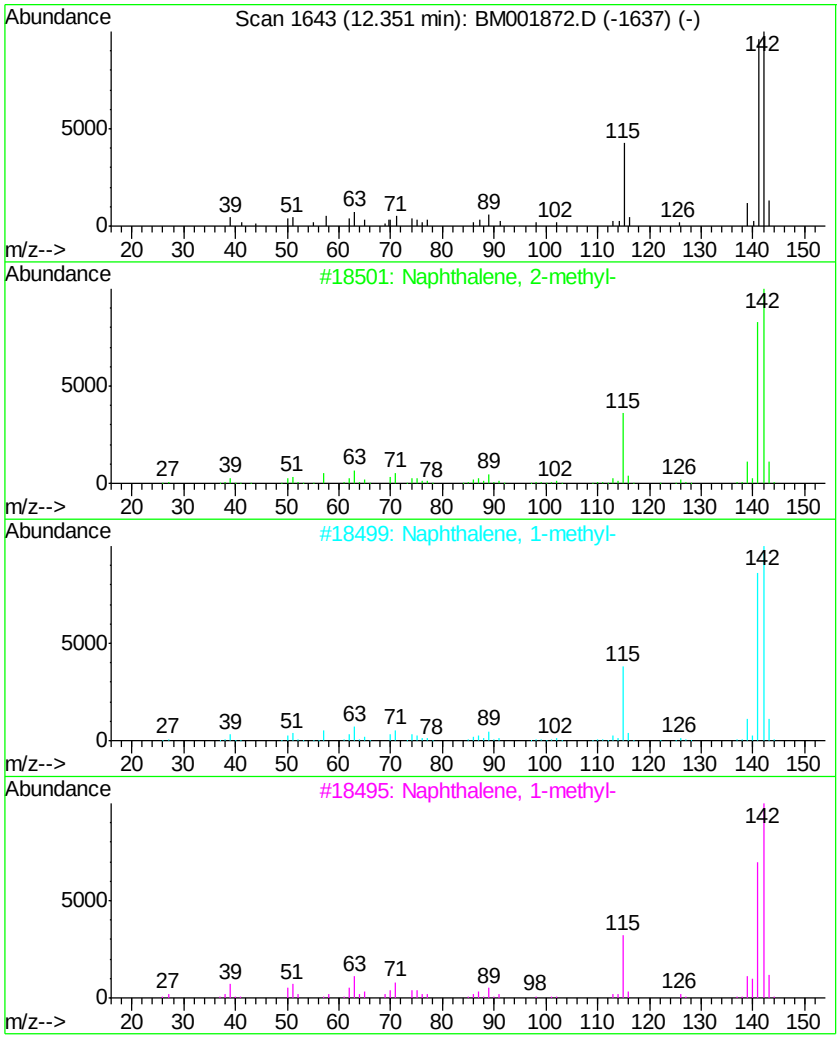
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

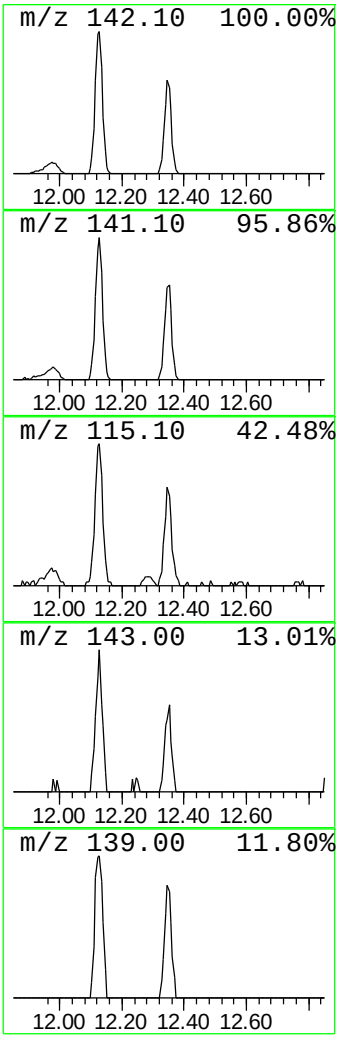
****

Peak Number 6 Naphthalene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.96 ng/ul	106929	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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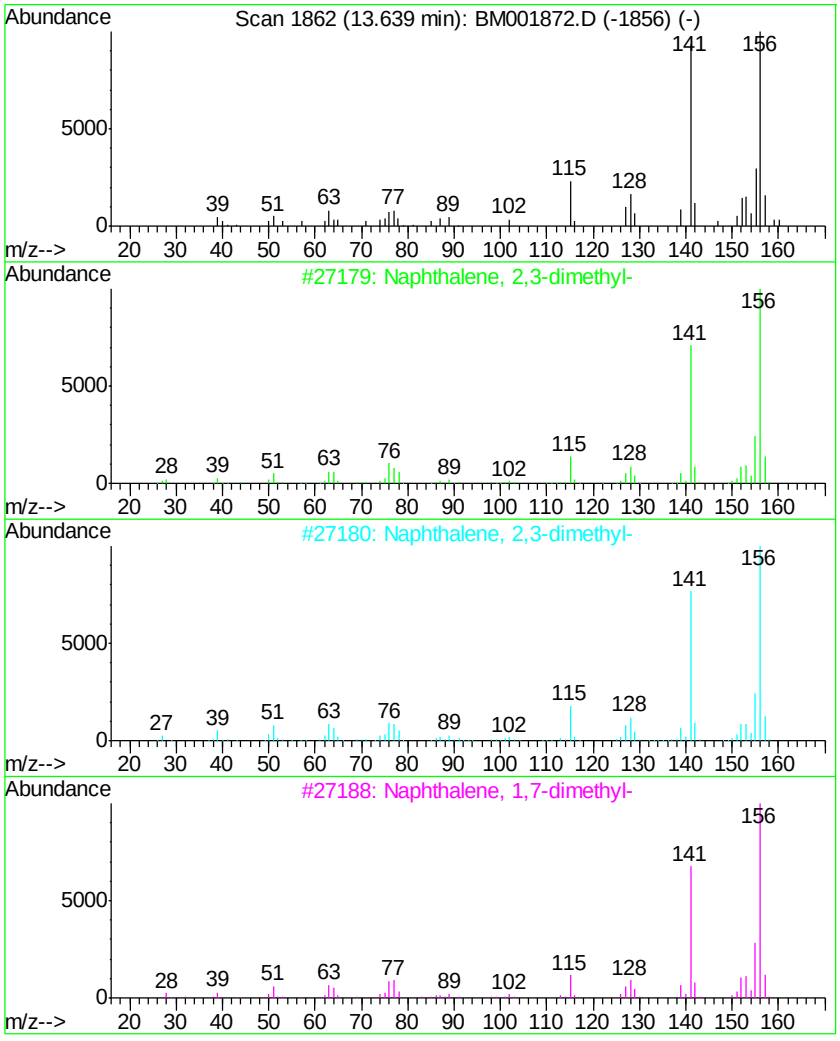
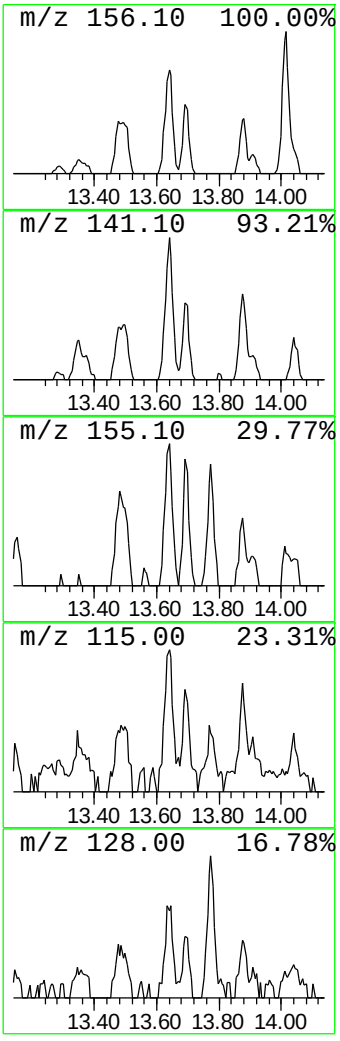
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.19 ng/ul	97788	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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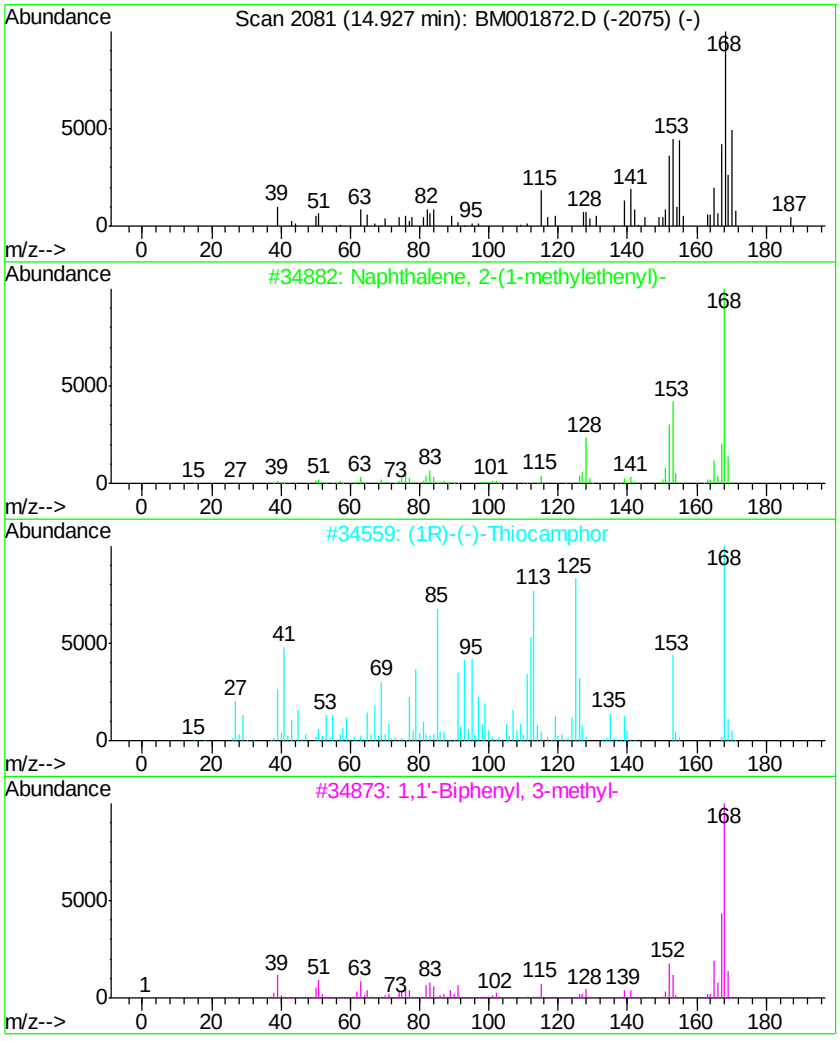
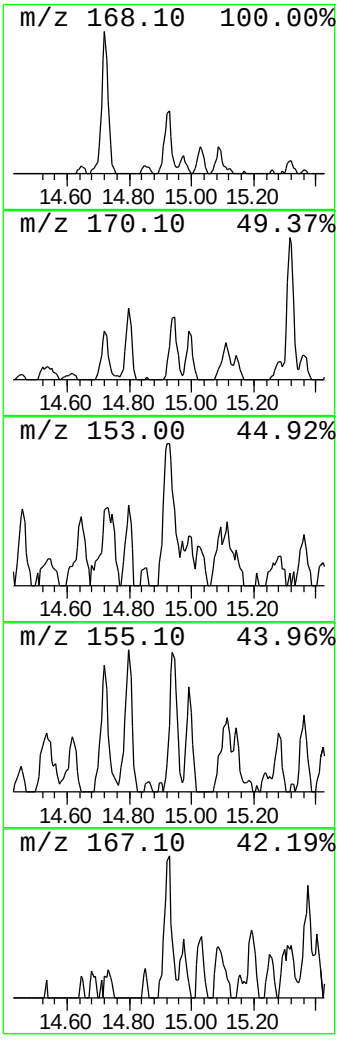
Peak Number 8 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.42 ng/ul	107670	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
2	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	38
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	35
5	Diphenylmethane	168	C13H12	000101-81-5	25





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Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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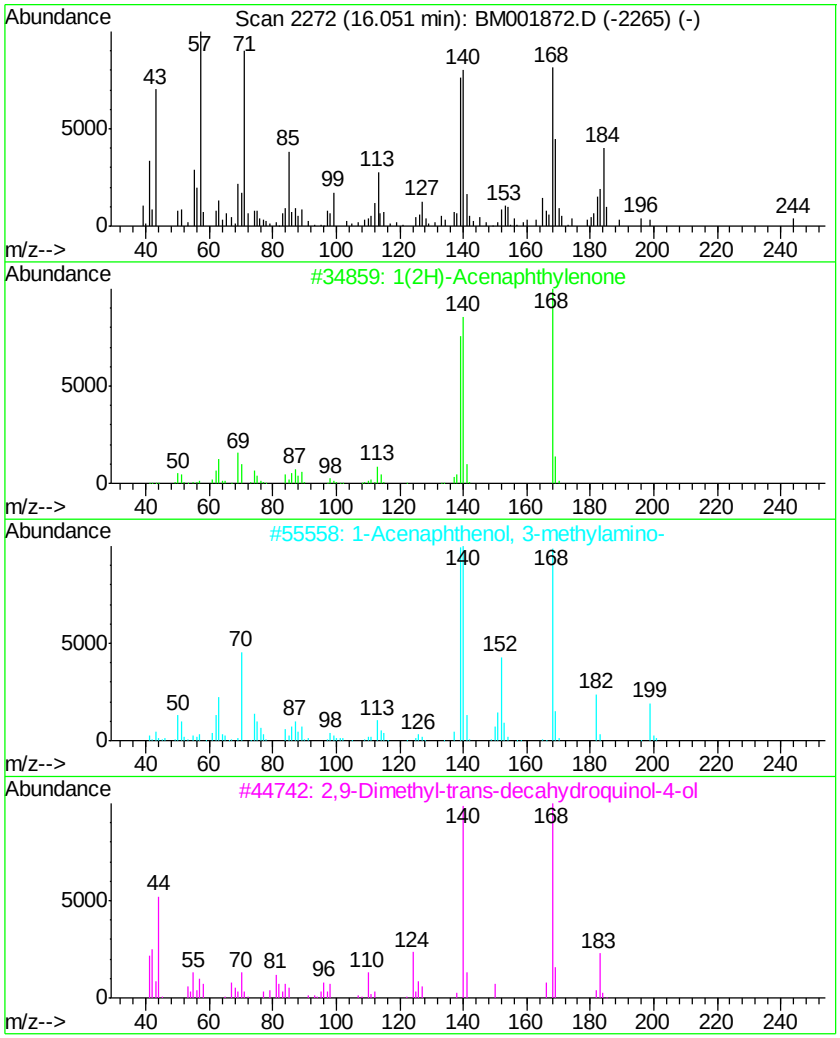
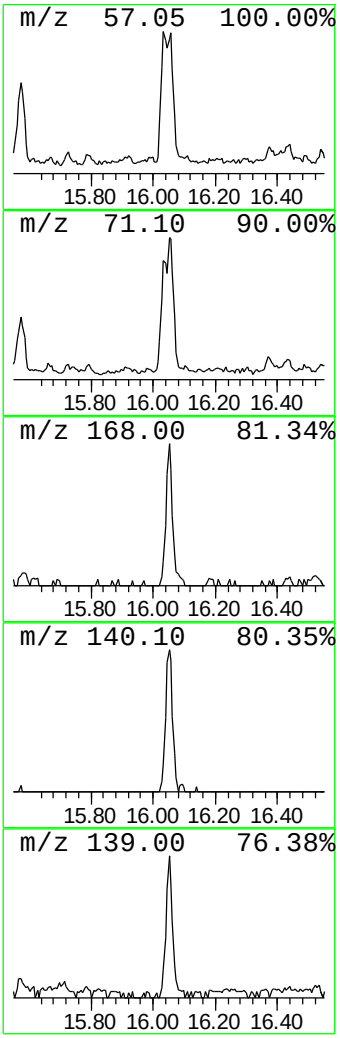
Peak Number 10 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	5.88 ng/ul	267140	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	43
3	2,9-Dimethyl-trans-decahydroquin...	183	C11H21NO	064292-47-3	30
4	Tridecane	184	C13H28	000629-50-5	25
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	25





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Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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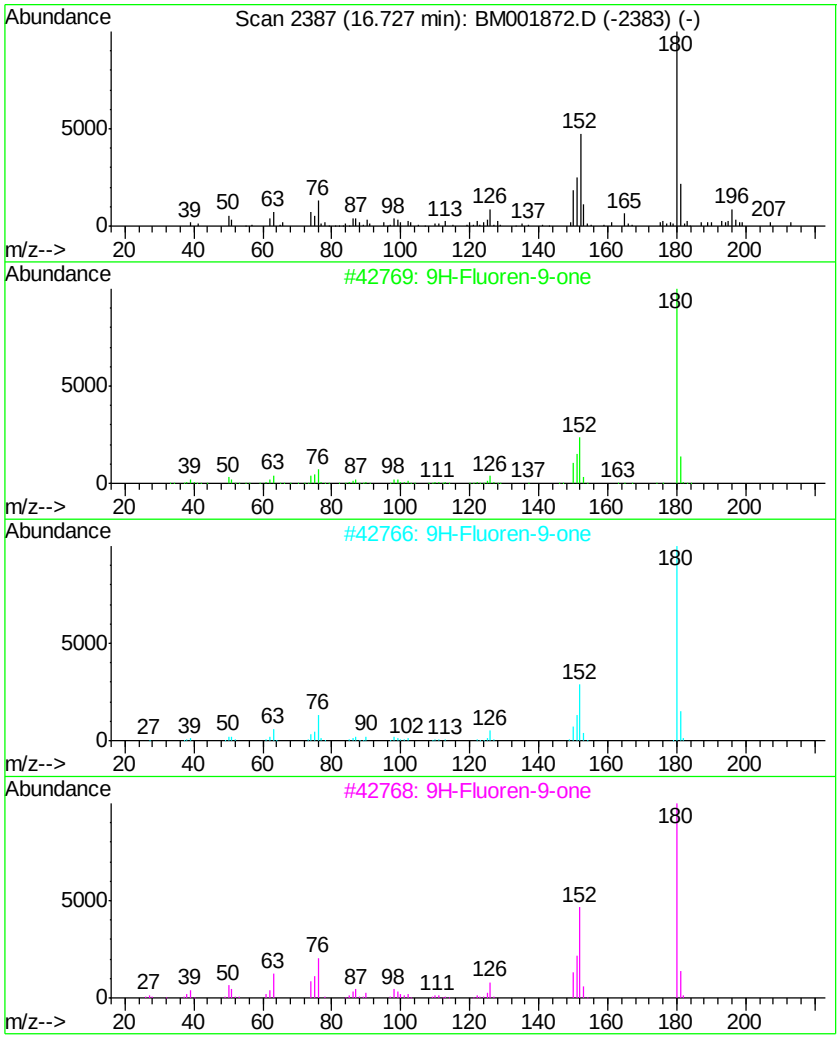
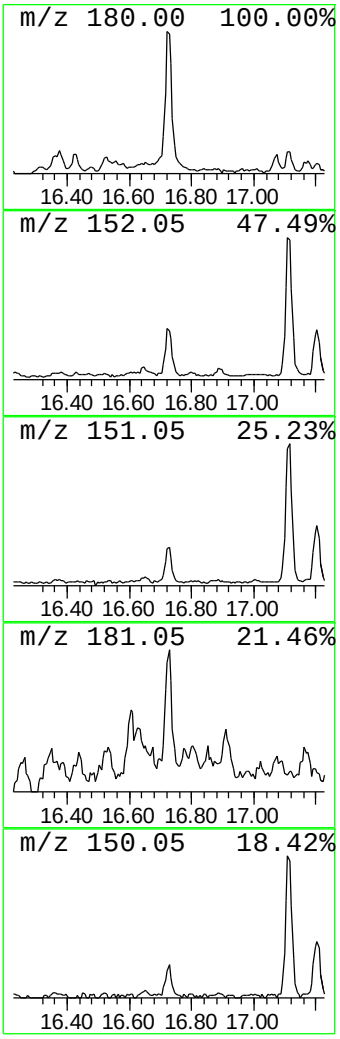
Peak Number 11 9H-Fluoren-9-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.75 ng/ul	125035	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72





Library Search Compound Report

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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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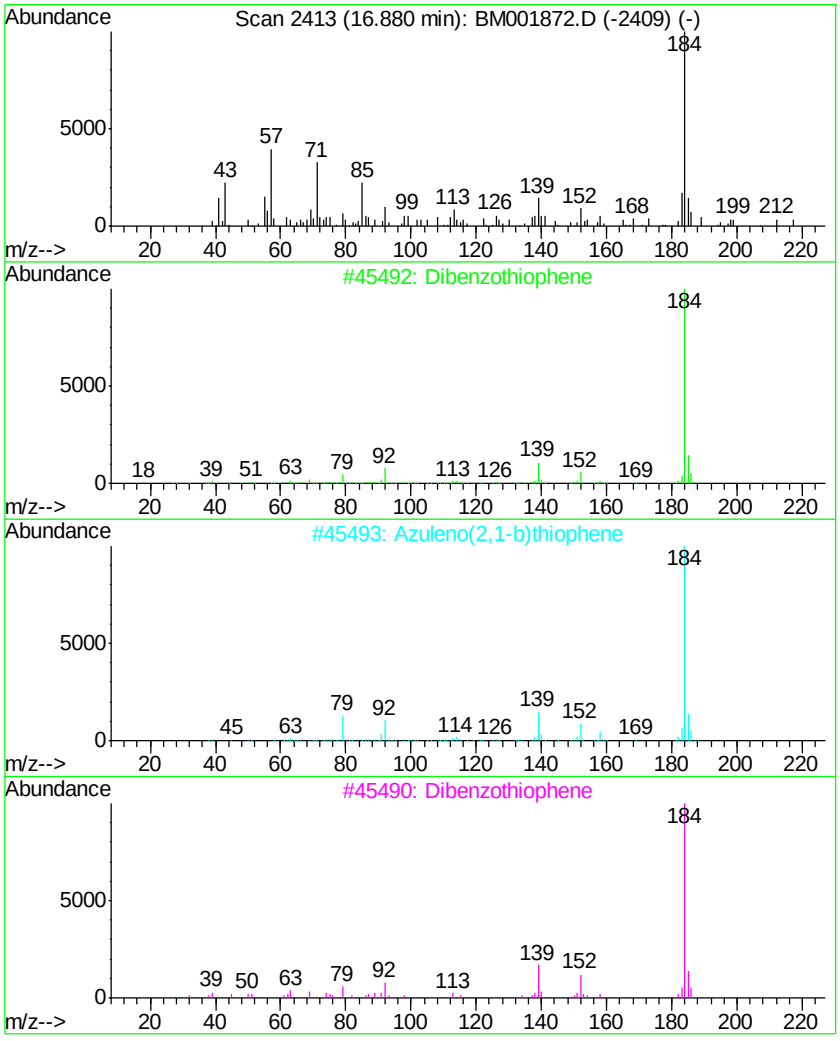
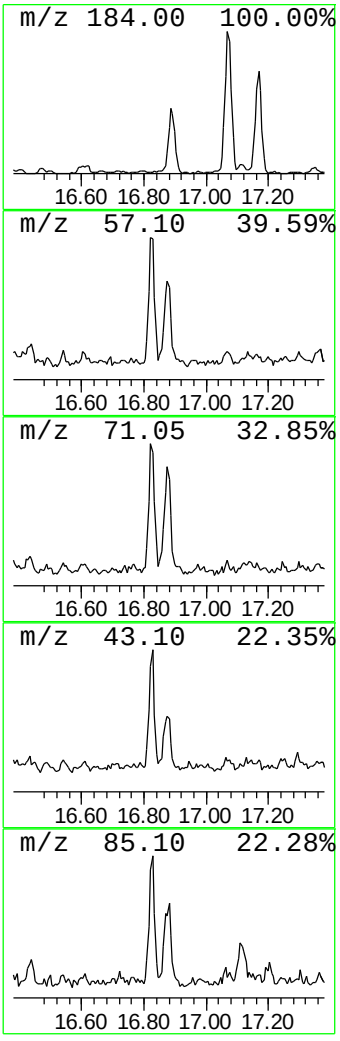
Peak Number 12 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.18 ng/ul	144588	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	70
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70
3	Dibenzothiophene	184	C12H8S	000132-65-0	62
4	Dibenzothiophene	184	C12H8S	000132-65-0	62
5	Dibenzothiophene	184	C12H8S	000132-65-0	62





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Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	9.16 ng/ul	416532	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
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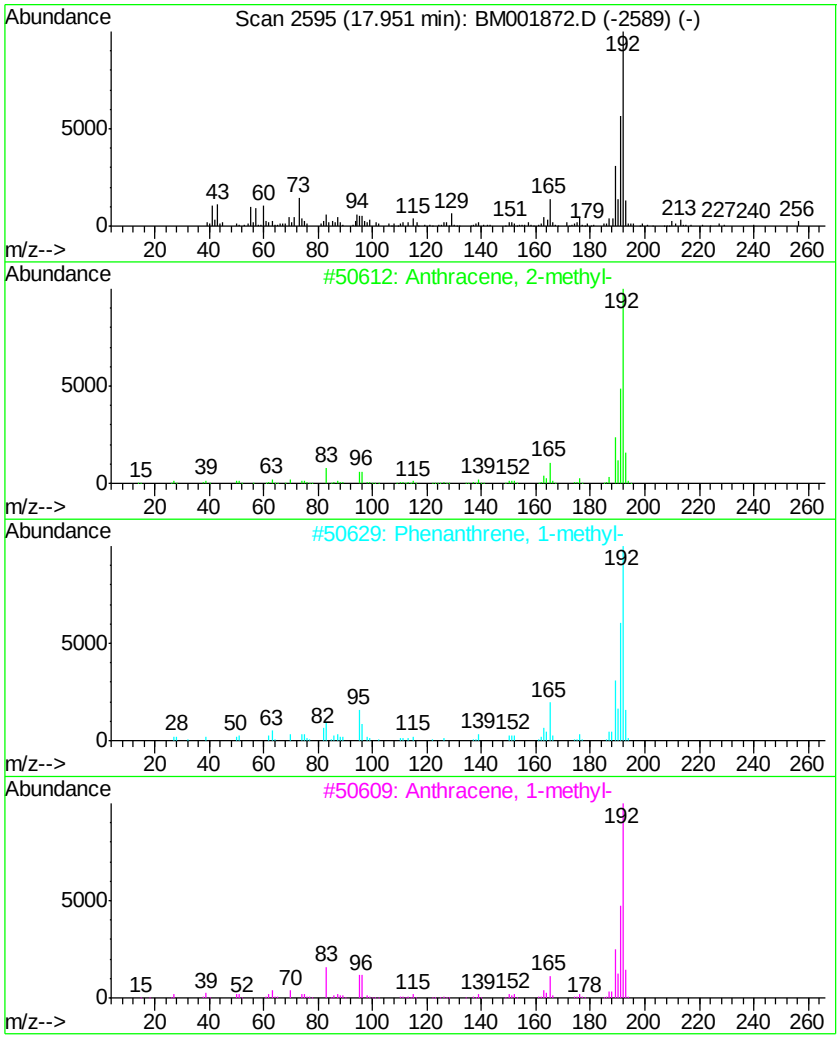
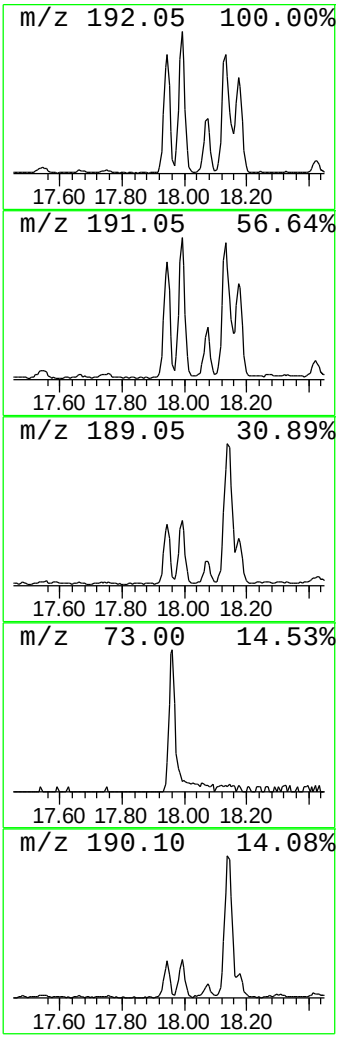
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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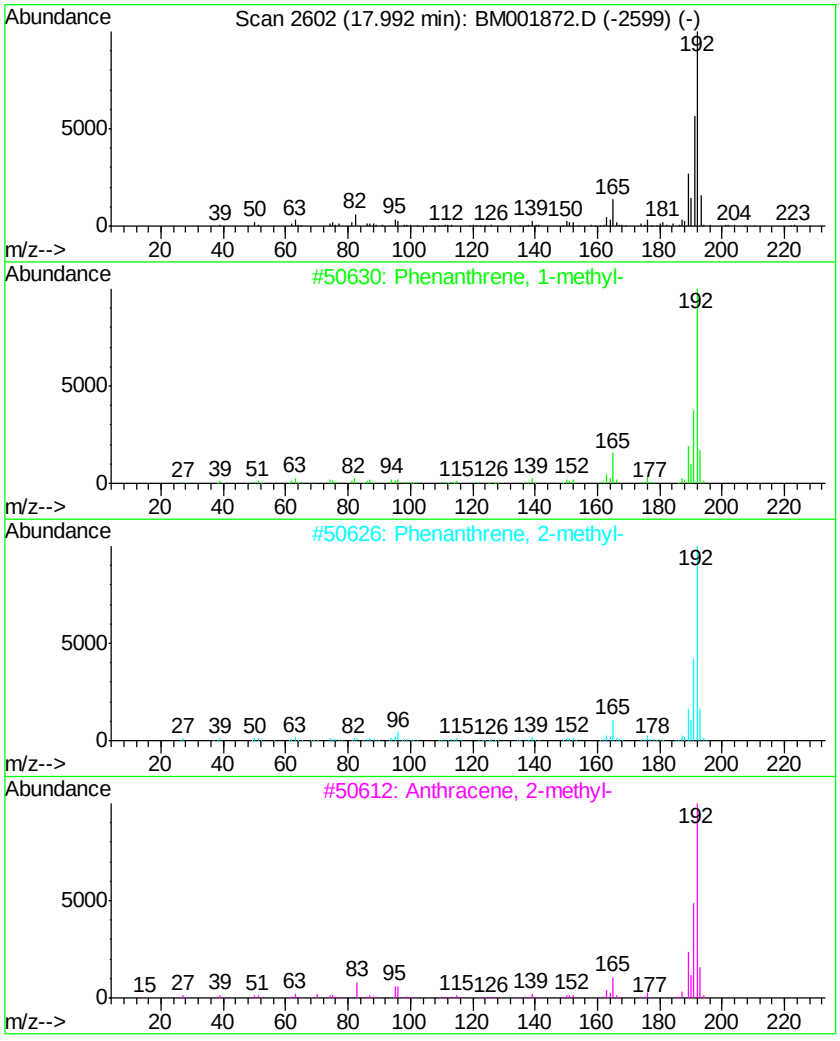
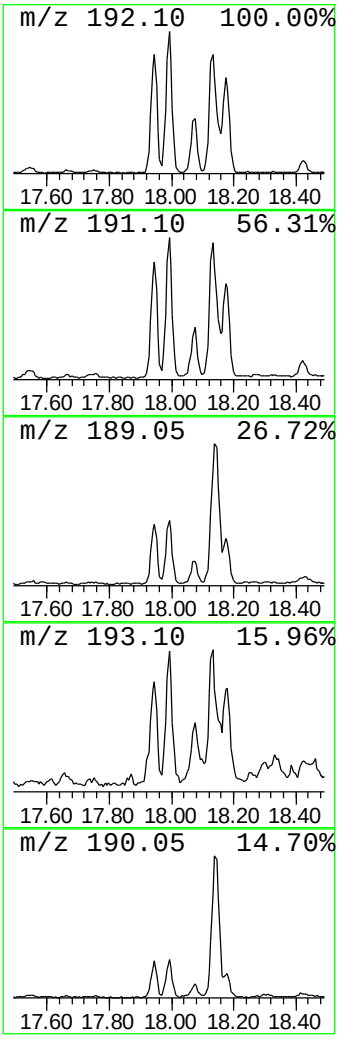
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	7.05 ng/ul	320371	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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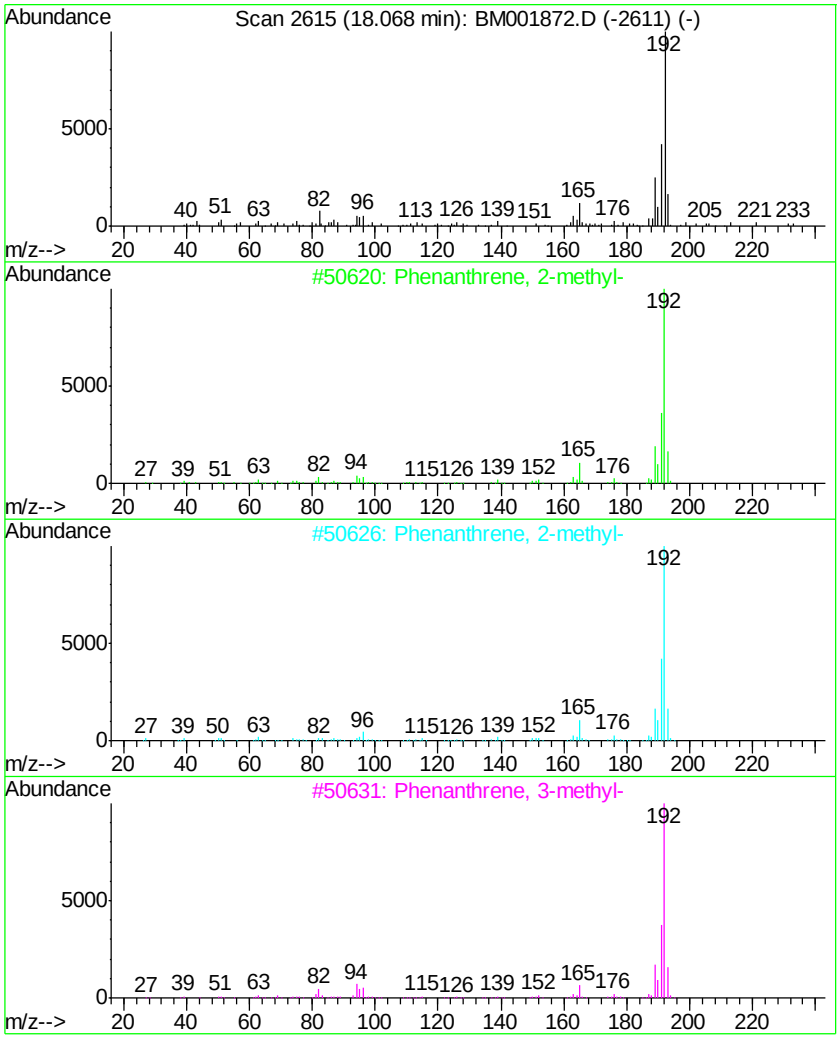
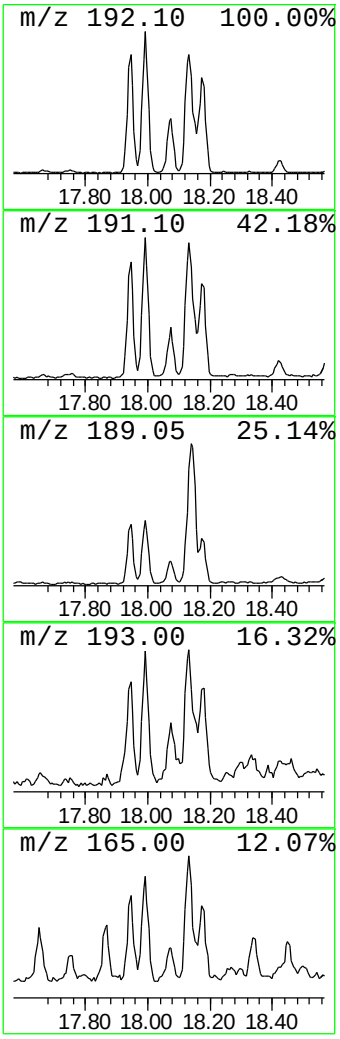
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.36 ng/ul	107287	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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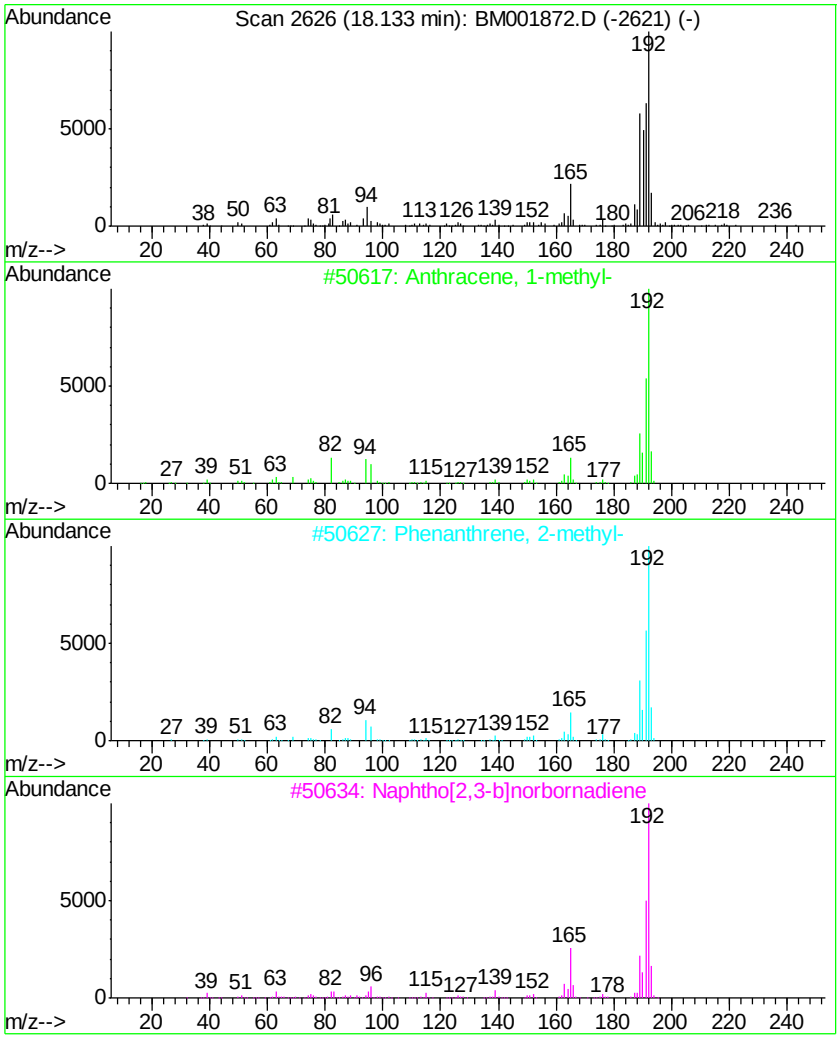
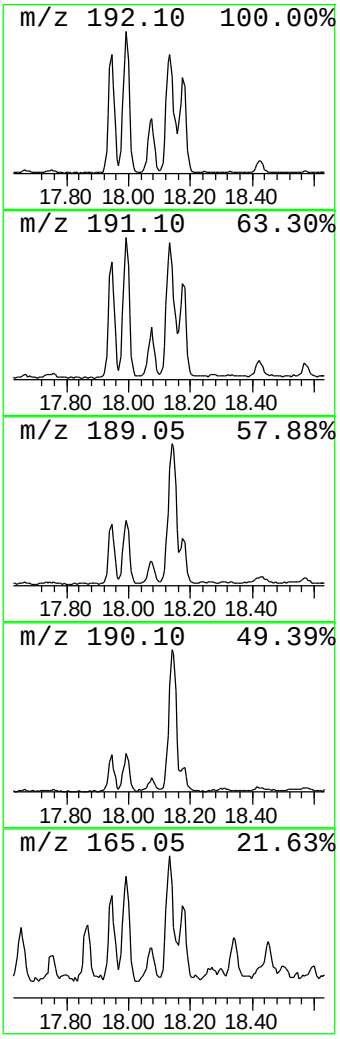
Peak Number 16 Naphtho[2,3-b]norbornadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	10.42 ng/ul	473888	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





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Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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Quant Title : SVOA CALIBRATION

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

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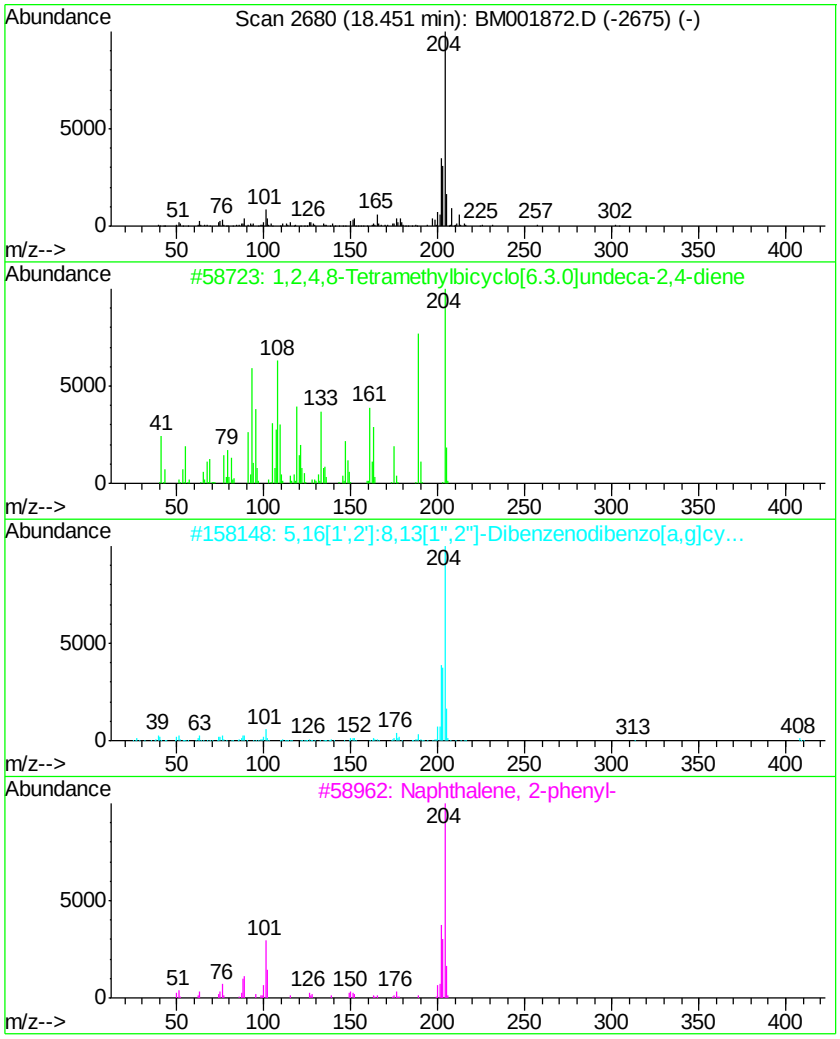
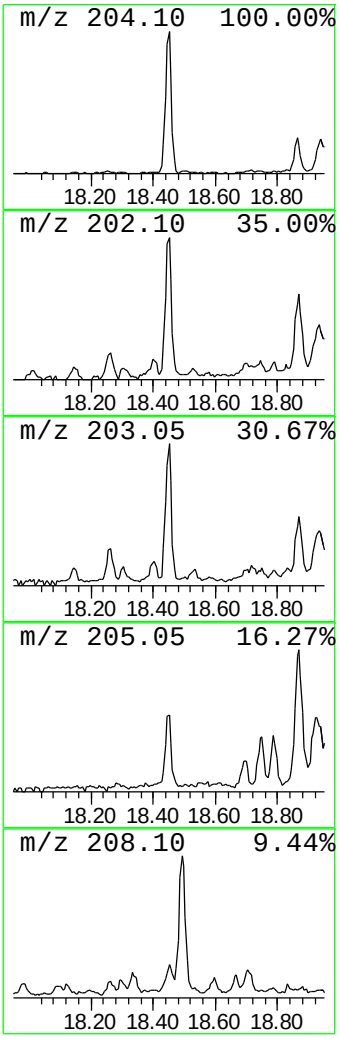
Peak Number 18 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.53 ng/ul	160600	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	70





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Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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Quant Title : SVOA CALIBRATION

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

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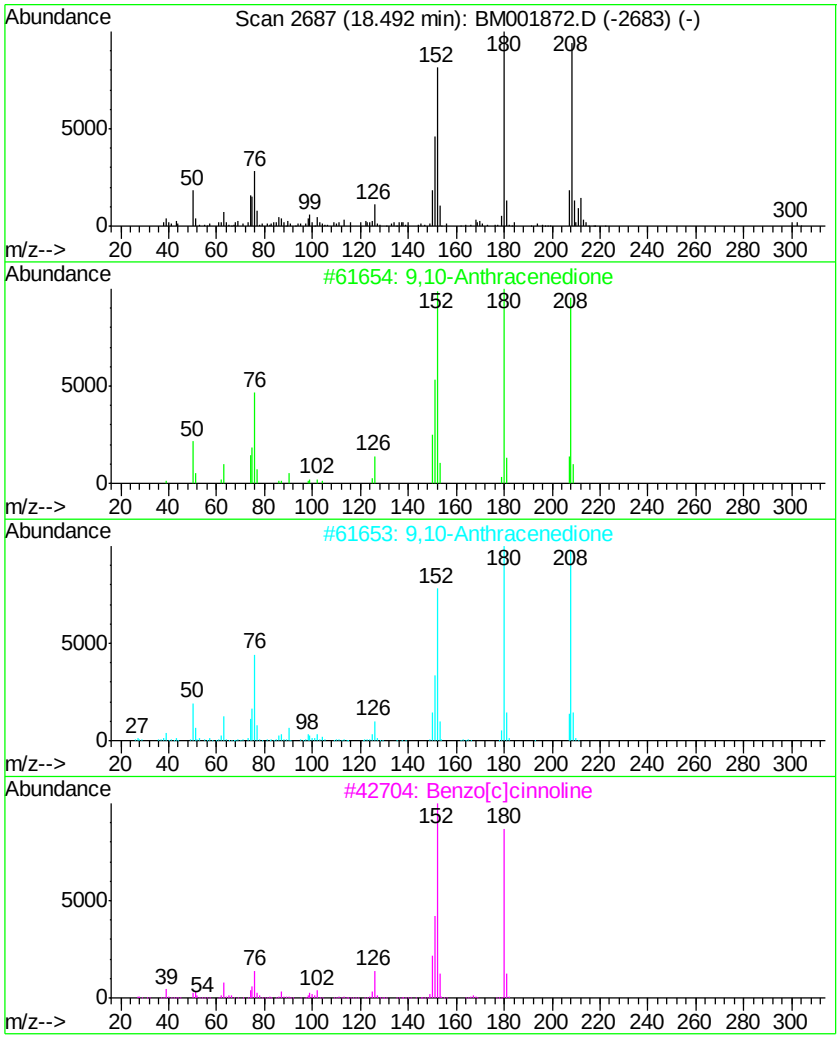
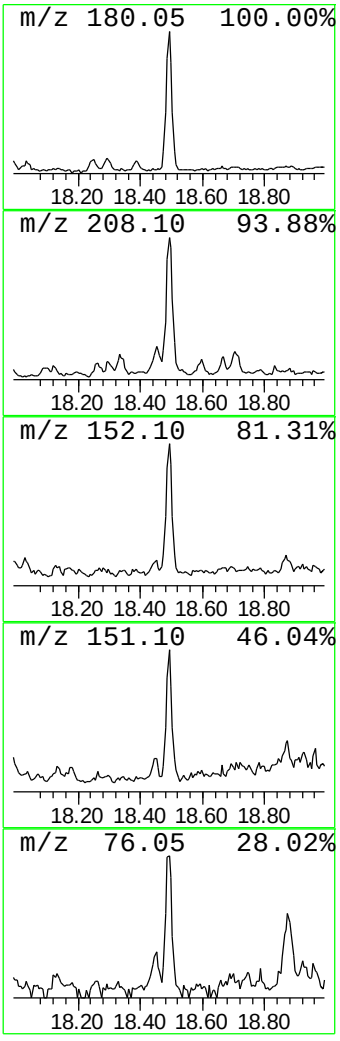
Peak Number 19 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.06 ng/ul	184510	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





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Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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Quant Title : SVOA CALIBRATION

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

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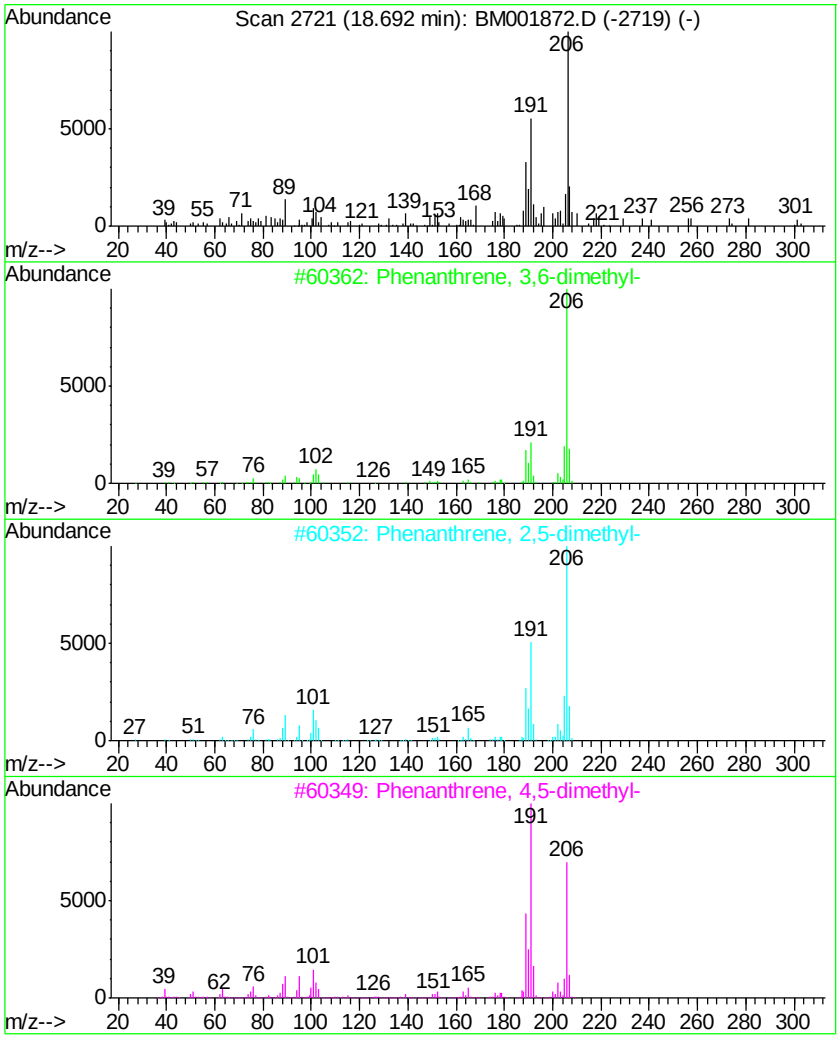
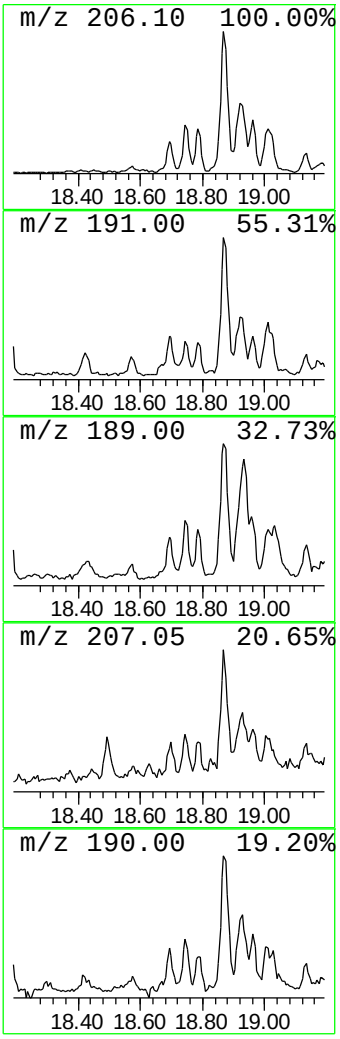
Peak Number 20 Phenanthrene, 3,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.48 ng/ul	112777	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	76
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	76





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Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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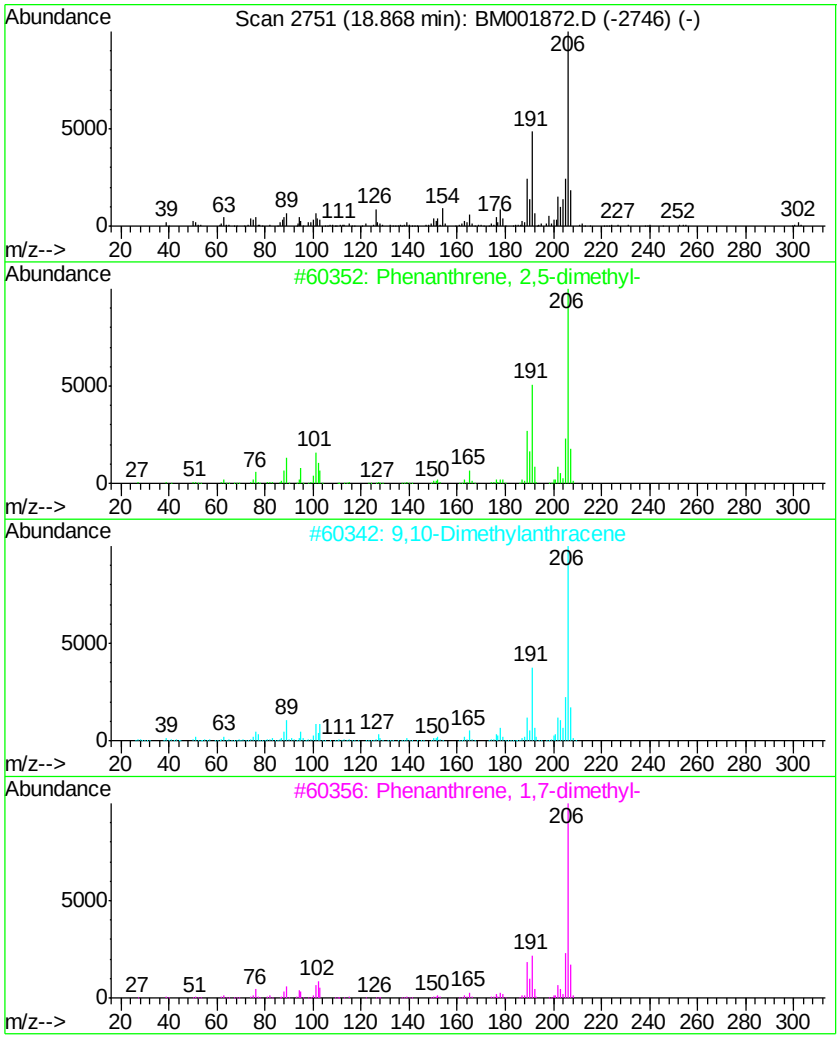
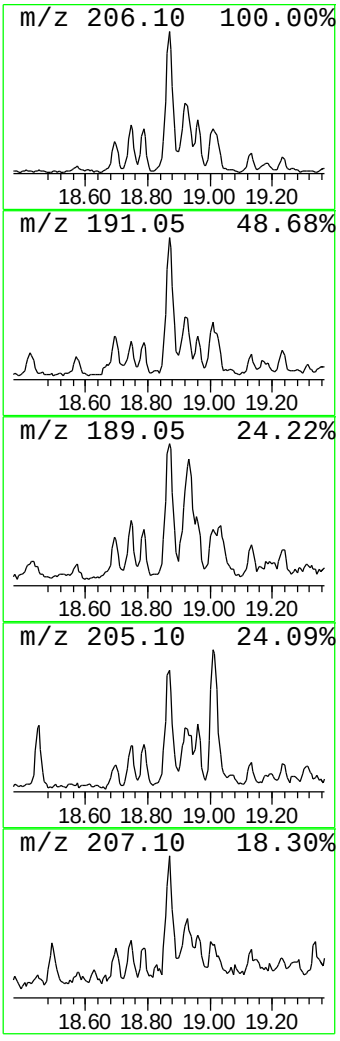
Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	10.55 ng/ul	479828	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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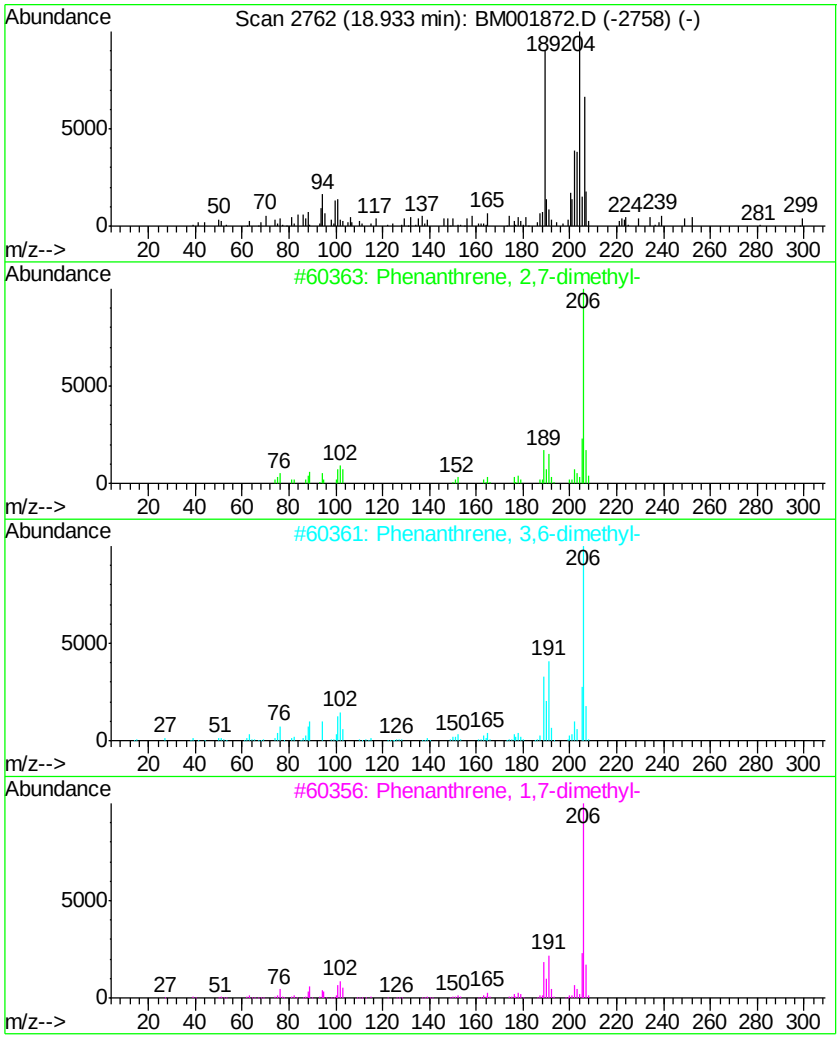
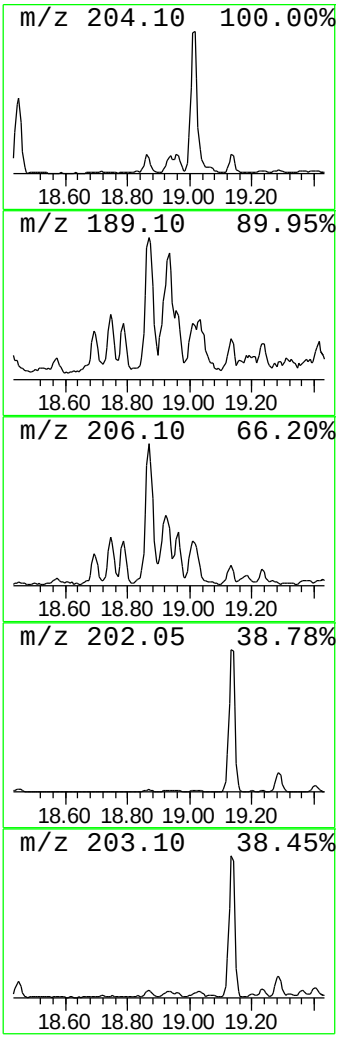
Peak Number 22 Phenanthrene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.27 ng/ul	148832	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	53
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46





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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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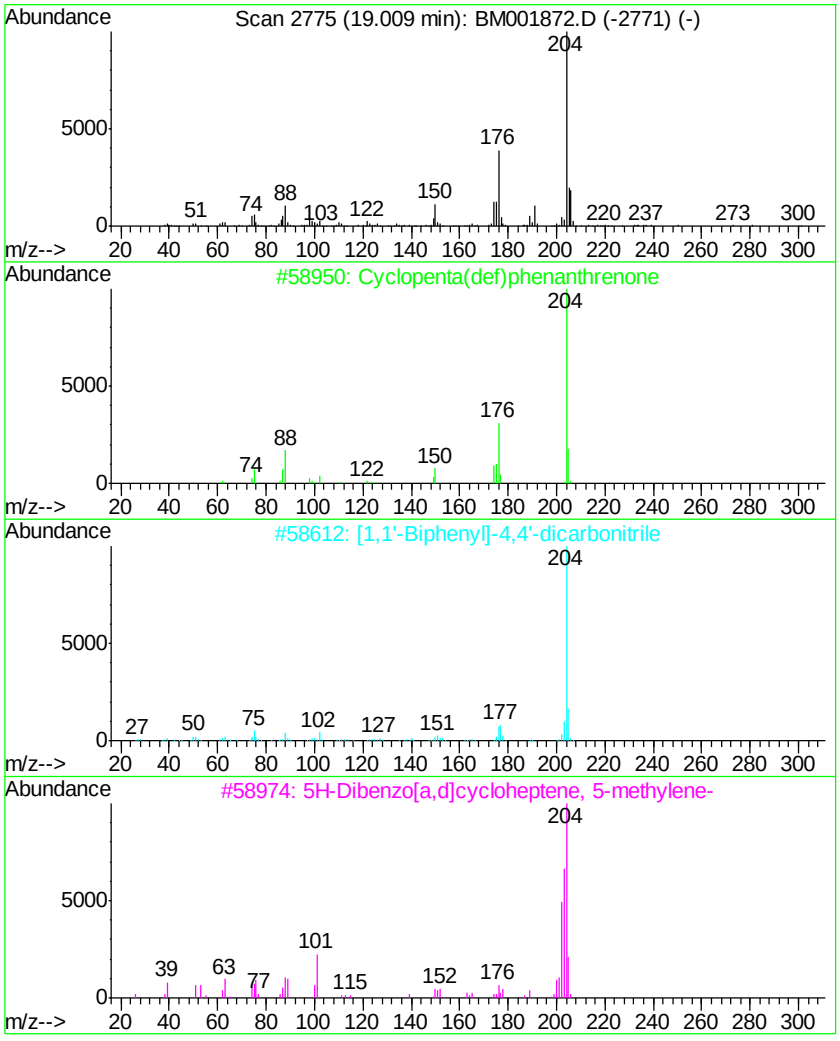
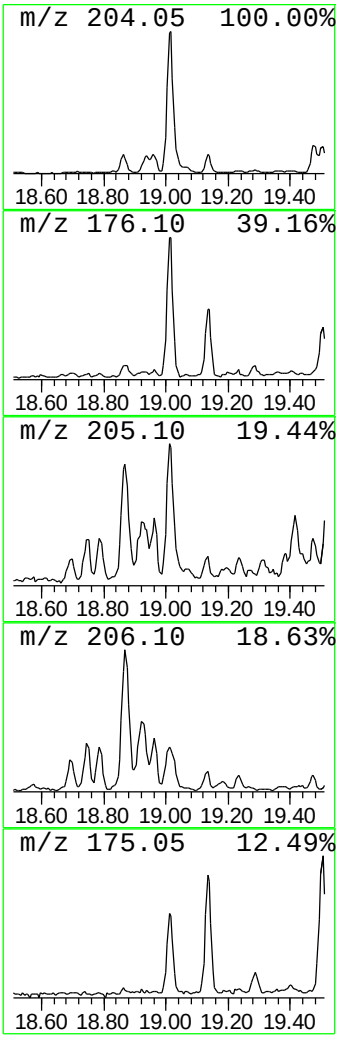
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	8.77 ng/ul	398627	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43





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Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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

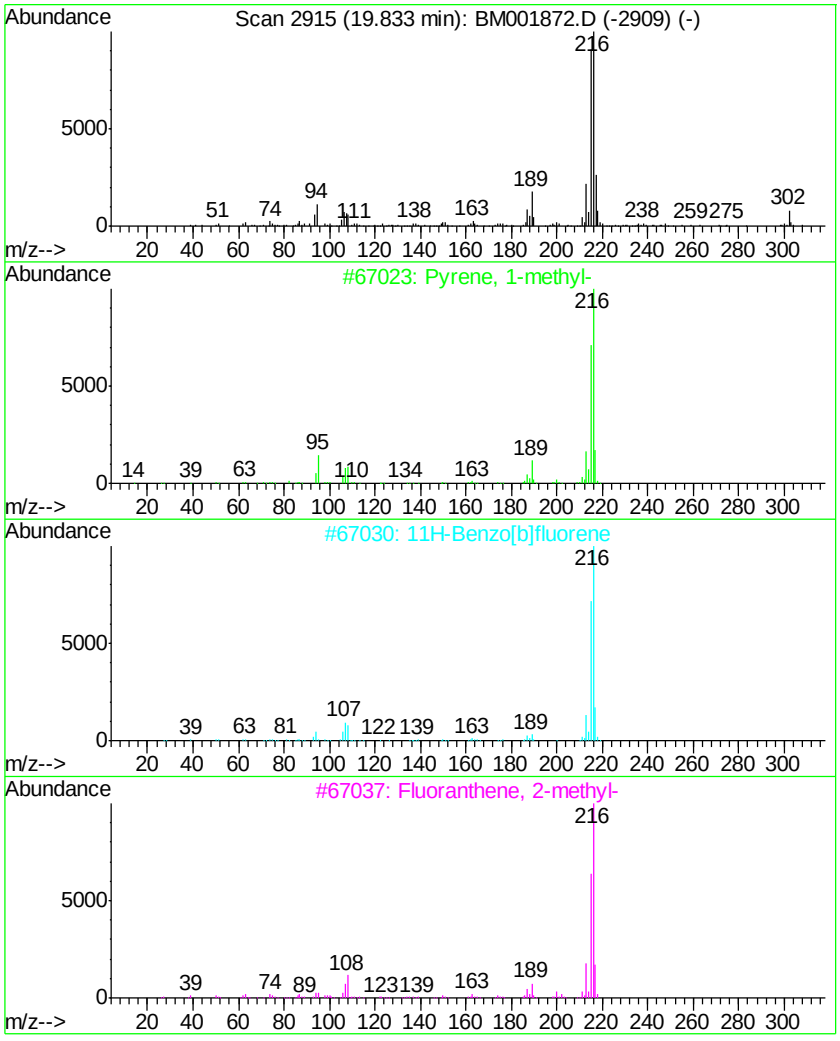
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

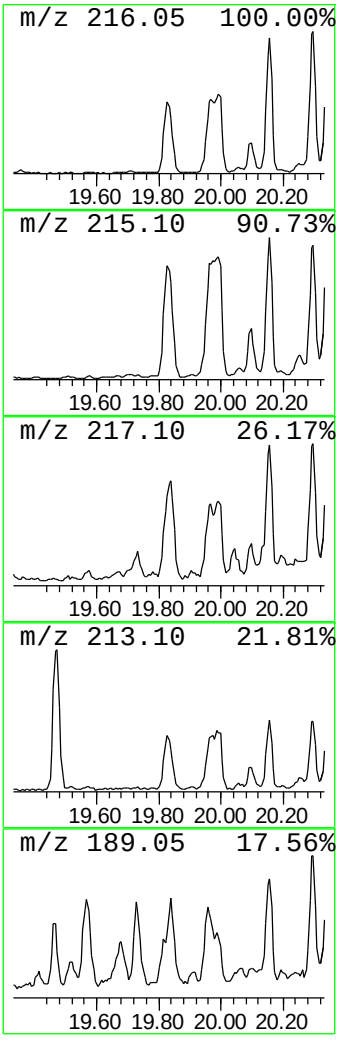
****

Peak Number 24 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	3.32 ng/ul	508044	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Library Search Compound Report

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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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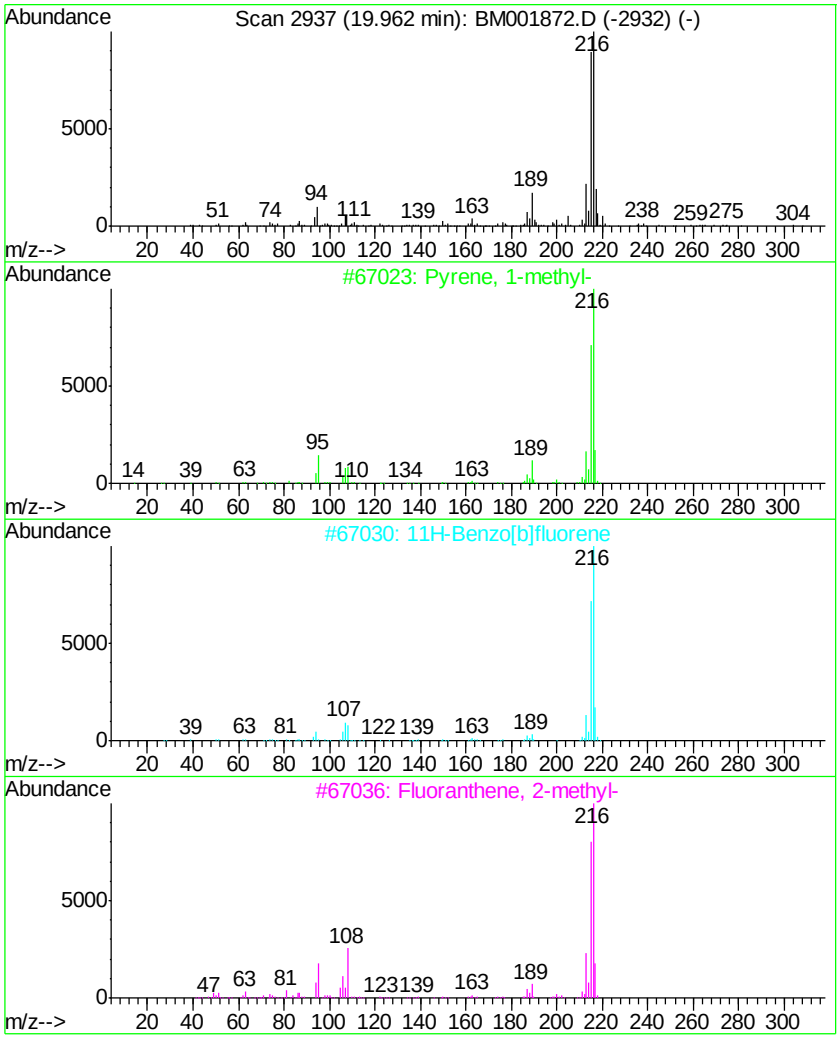
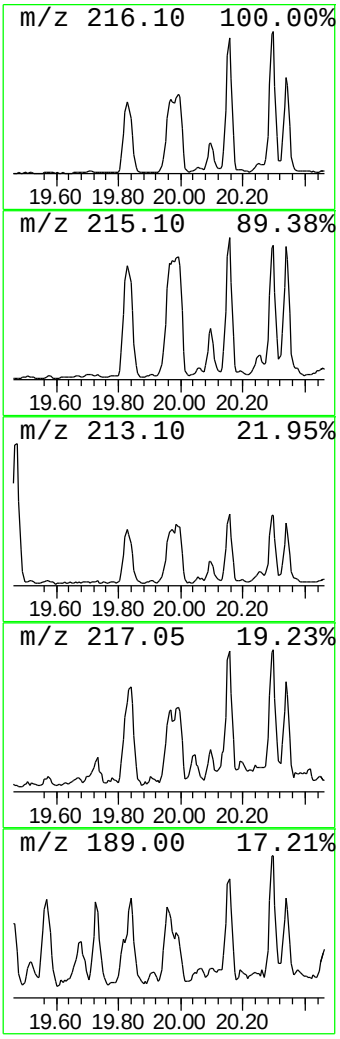
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.16 ng/ul	329748	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Library Search Compound Report

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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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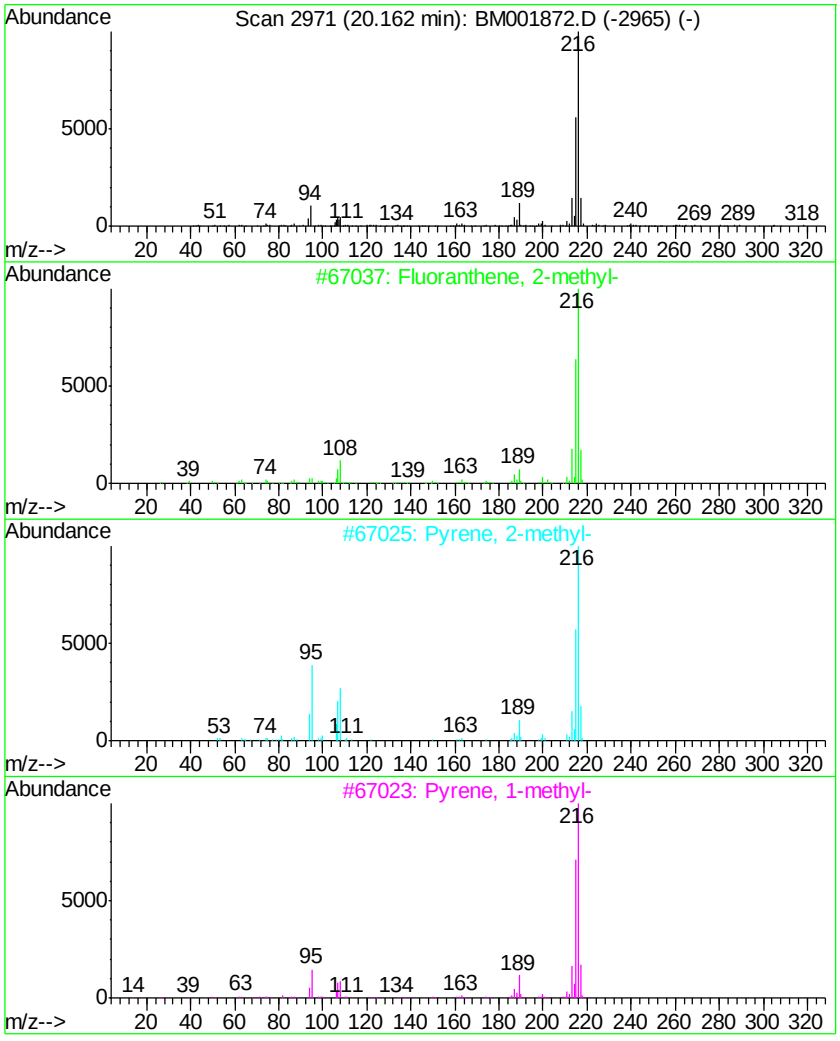
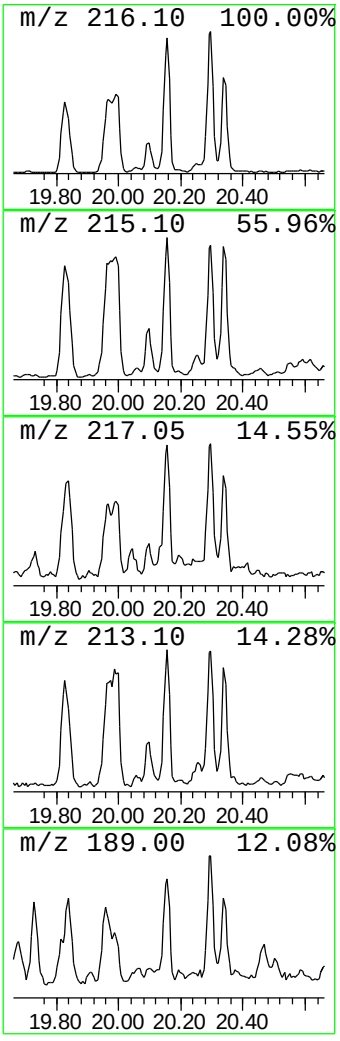
Peak Number 26 Fluoranthene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.57 ng/ul	393307	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93





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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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 28 11H-Benzo[a]fluoren-11-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.46 ng/ul	376402	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
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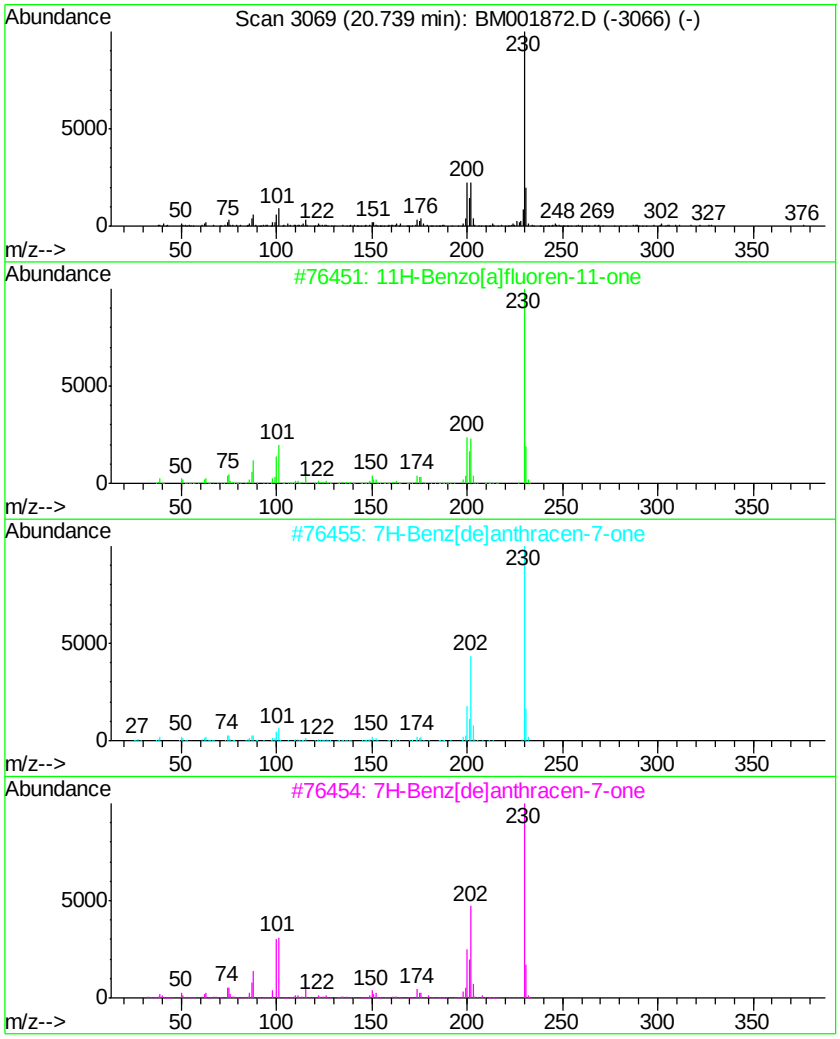

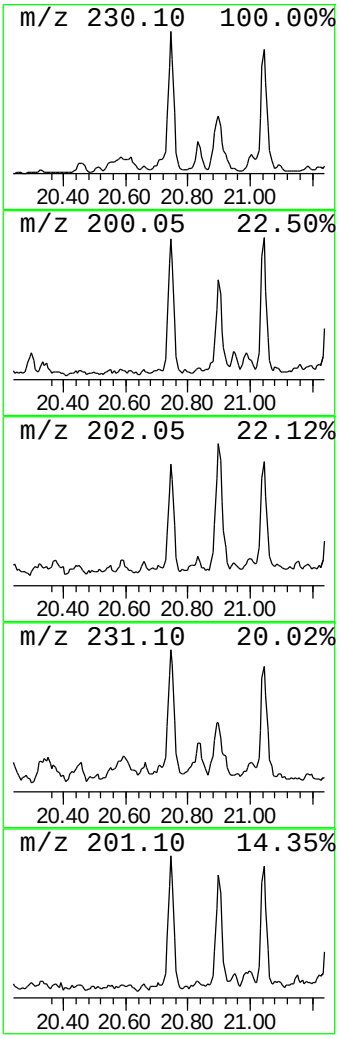

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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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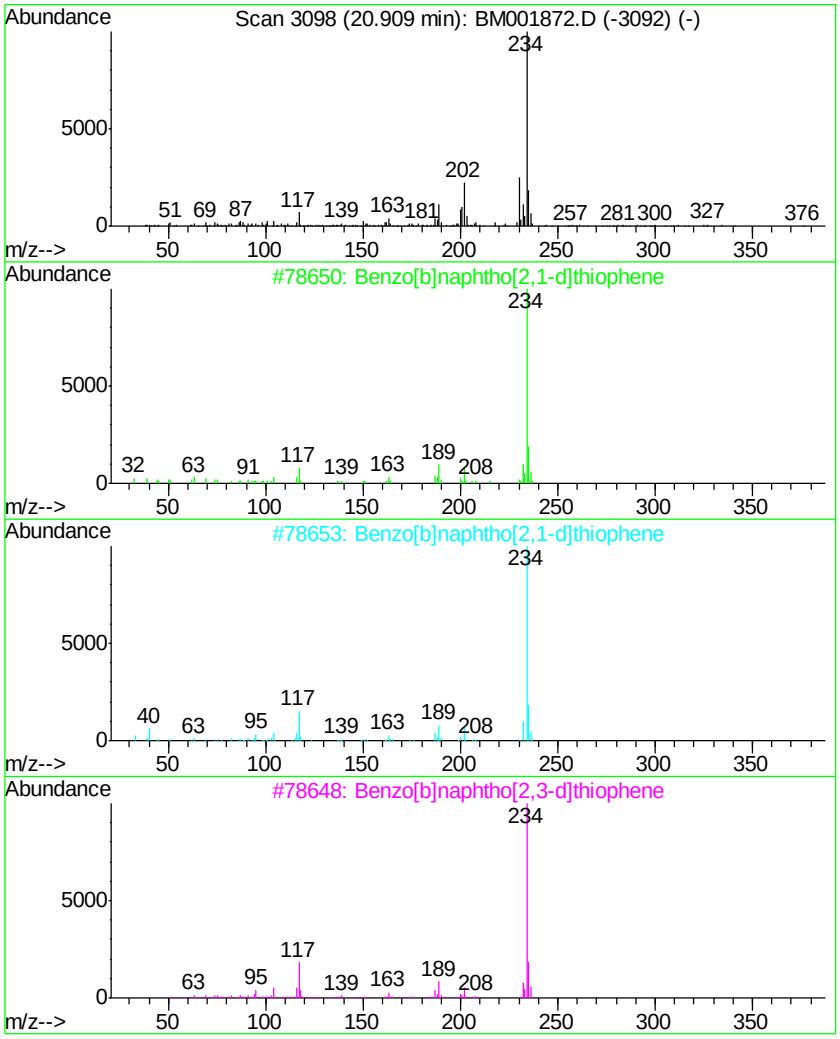
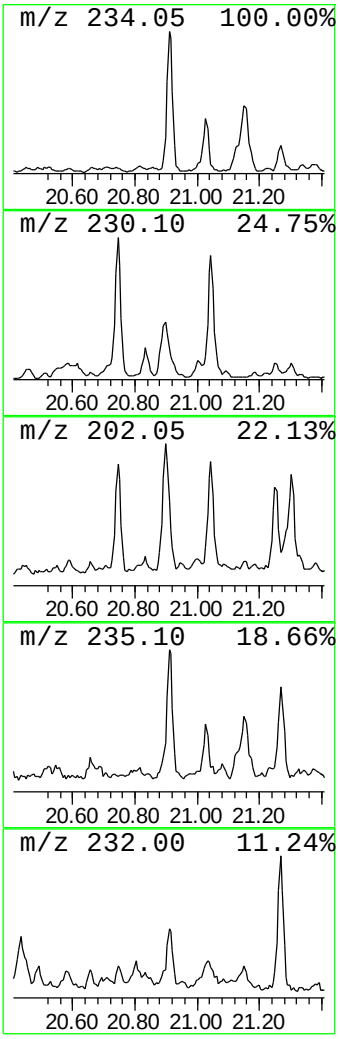
Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.24 ng/ul	342956	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58





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Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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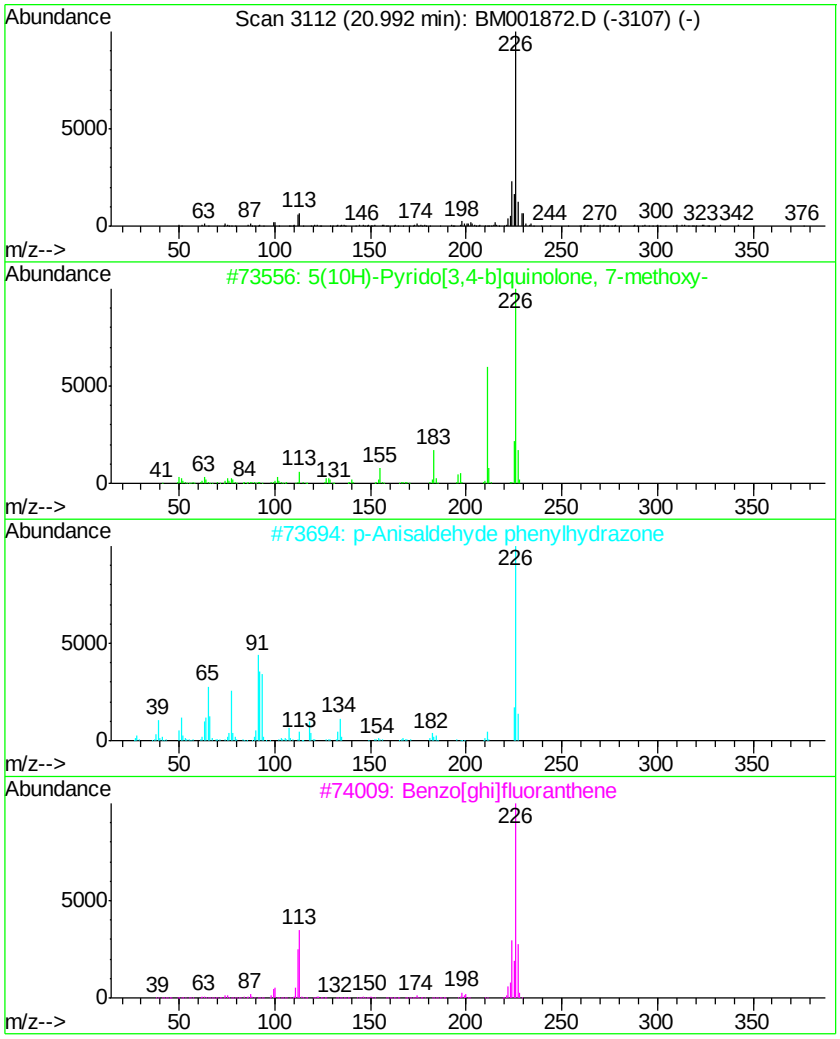
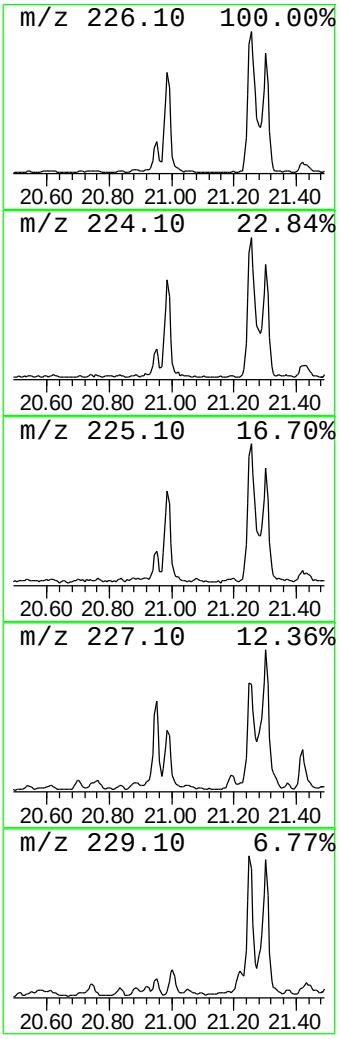
Peak Number 30 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.90 ng/ul	596607	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	42
2	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	40
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
4	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	36





Library Search Compound Report

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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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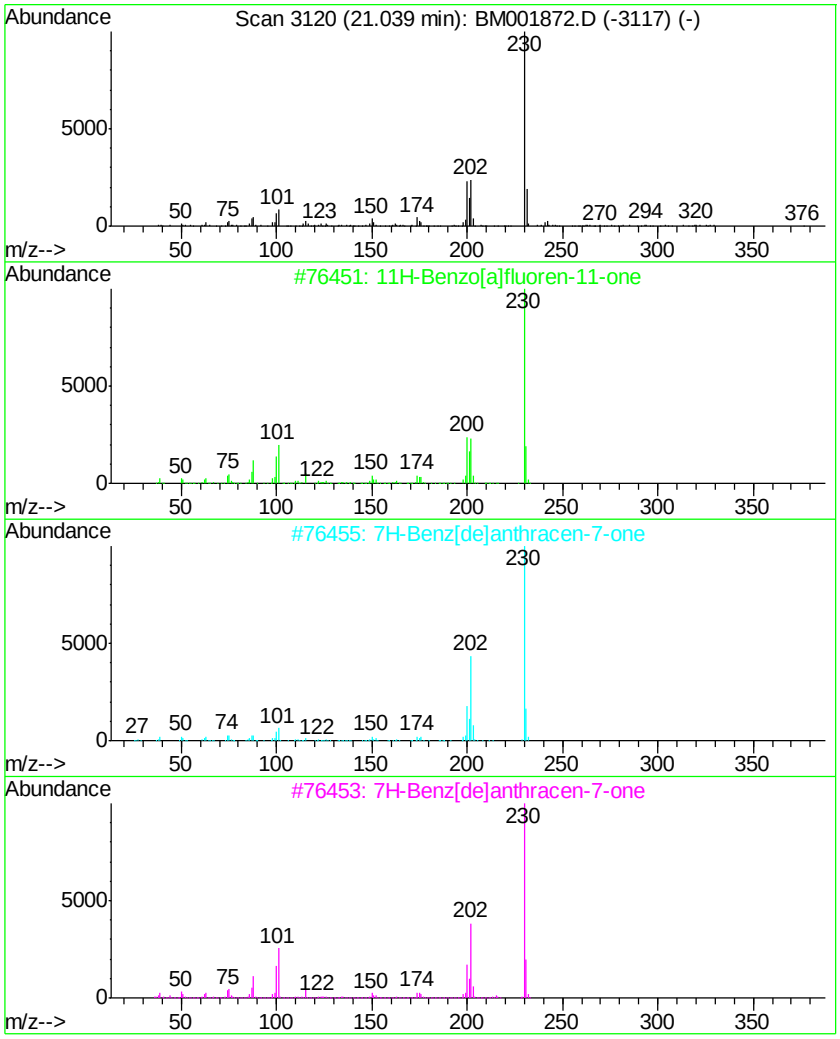
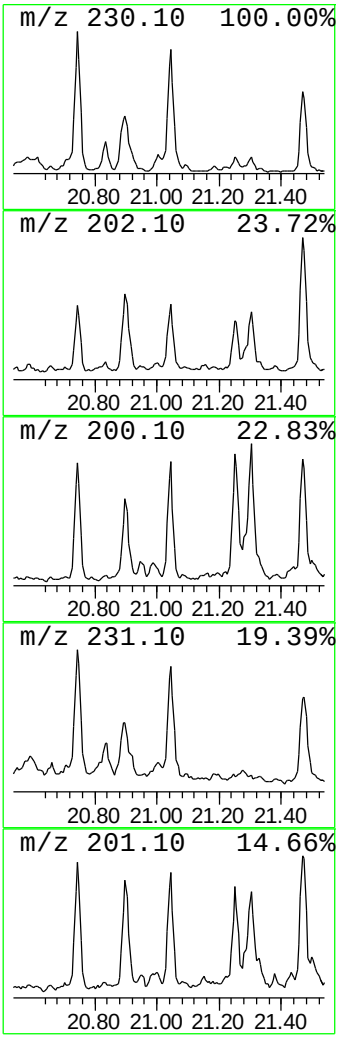
Peak Number 31 7H-Benz[de]anthracen-7-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.26 ng/ul	345108	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Acq On : 07 Jul 2015 20:21
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Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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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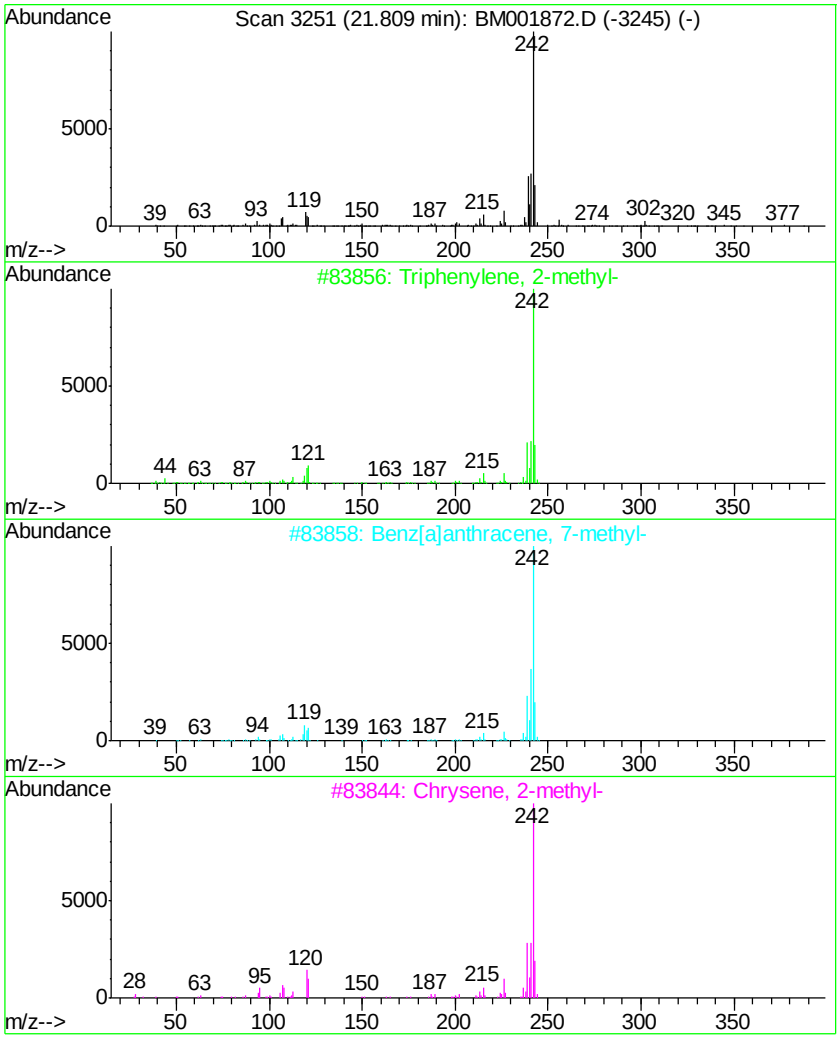
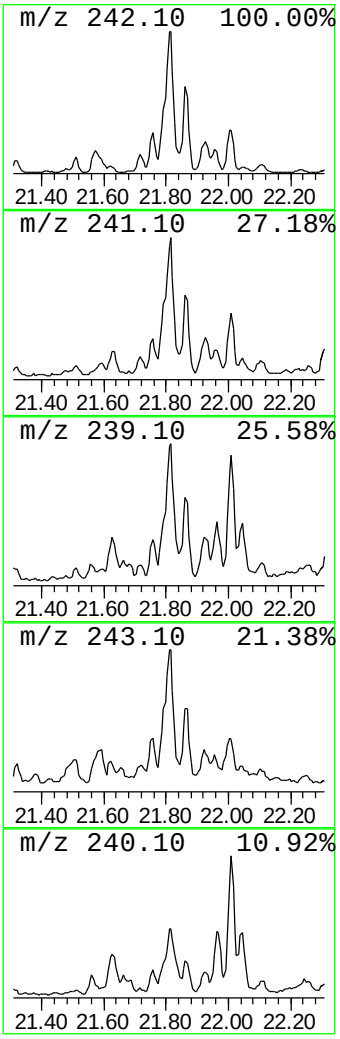
Peak Number 32 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	3.84 ng/ul	586714	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3	Chrysene, 2-methyl-	242	C19H14	003351-32-4	90
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89





Library Search Compound Report

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Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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Quant Title : SVOA CALIBRATION

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

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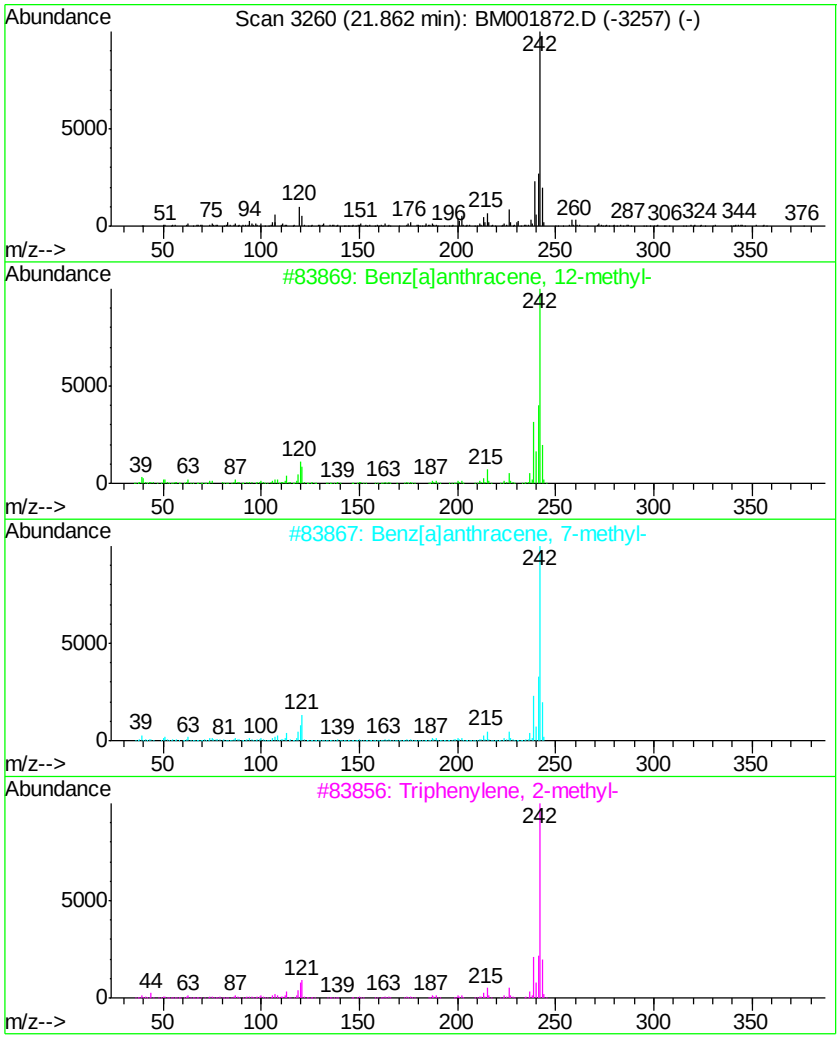
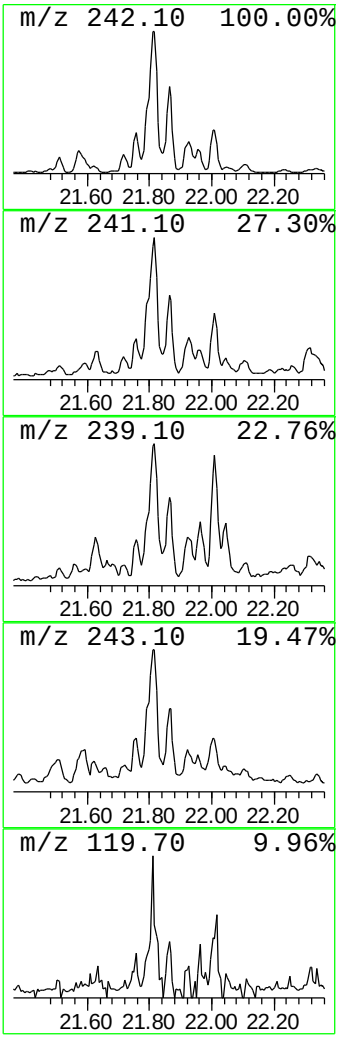
Peak Number 33 Benz[a]anthracene, 12-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.07 ng/ul	316839	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	90
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89





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Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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

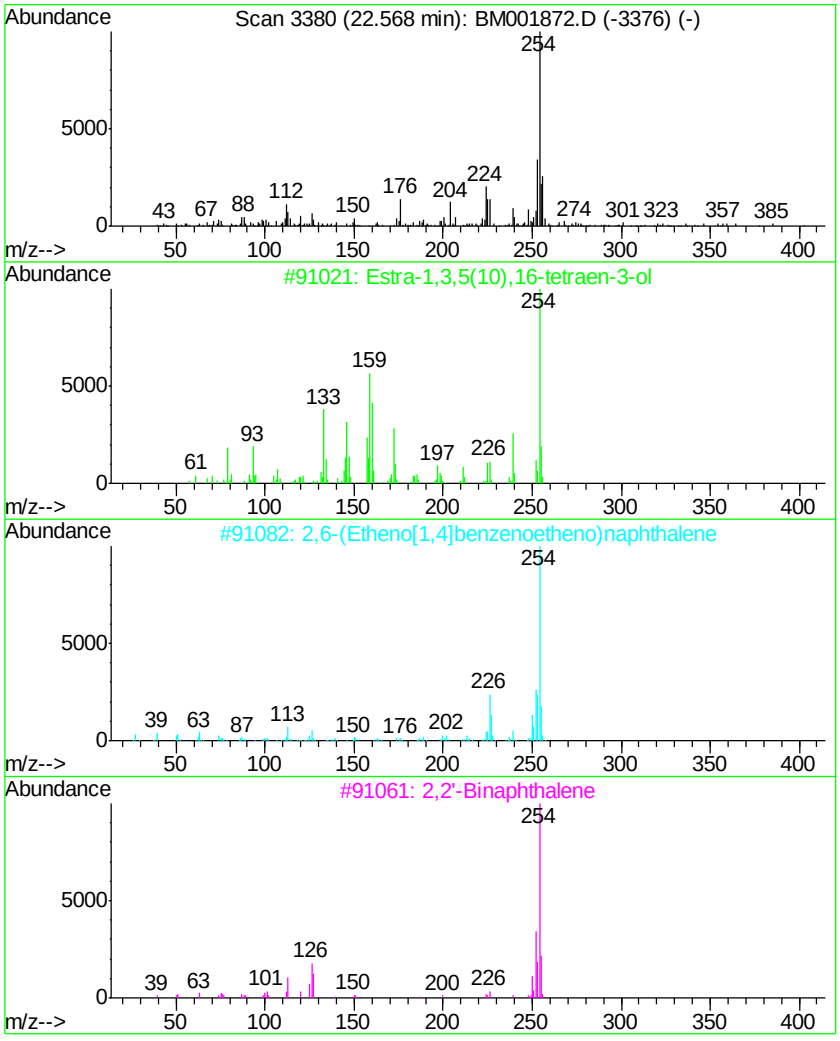
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

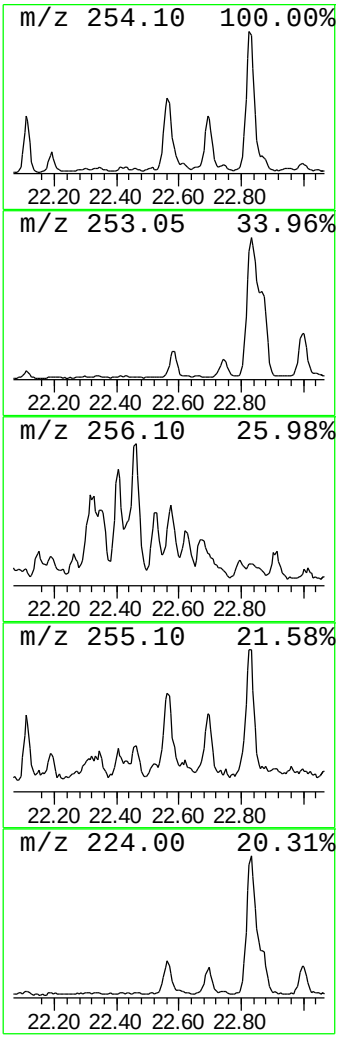
****

Peak Number 34 Estra-1,3,5(10),16-tetraen-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	7.75 ng/ul	386434	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estra-1,3,5(10),16-tetraen-3-ol	254	C18H22O	001150-90-9	60
2	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	53
3	2,2'-Binaphthalene	254	C20H14	000612-78-2	53
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	49
5	6-Methyl-1-pyridin-2-ylmethylene...	254	C14H10N2O3	1000274-64-8	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

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	97.5	ng/ul	2621900	1	7.66	538116	20.0
Benzene, 2-propenyl-	7.32	3.0	ng/ul	81268	1	7.66	538116	20.0
Indene	8.20	2.4	ng/ul	63859	1	7.66	538116	20.0
Naphthalene, 2-me...	12.35	3.0	ng/ul	106929	2	10.46	723416	20.0
Naphthalene, 2,3-...	13.64	2.2	ng/ul	97788	3	14.32	891100	20.0
unknown-01	14.93	2.4	ng/ul	107670	3	14.32	891100	20.0
1(2H)-Acenaphthyl...	16.05	5.9	ng/ul	267140	4	17.07	909268	20.0
9H-Fluoren-9-one	16.73	2.8	ng/ul	125035	4	17.07	909268	20.0
Dibenzothiophene	16.88	3.2	ng/ul	144588	4	17.07	909268	20.0
Anthracene, 2-met...	17.95	9.2	ng/ul	416532	4	17.07	909268	20.0
Phenanthrene, 1-m...	17.99	7.0	ng/ul	320371	4	17.07	909268	20.0
Phenanthrene, 2-m...	18.07	2.4	ng/ul	107287	4	17.07	909268	20.0
Naphtho[2,3-b]nor...	18.13	10.4	ng/ul	473888	4	17.07	909268	20.0
5,16[1',2']:8,13[...	18.45	3.5	ng/ul	160600	4	17.07	909268	20.0
9,10-Anthracenedione	18.49	4.1	ng/ul	184510	4	17.07	909268	20.0
Phenanthrene, 3,6...	18.69	2.5	ng/ul	112777	4	17.07	909268	20.0
Phenanthrene, 2,5...	18.87	10.6	ng/ul	479828	4	17.07	909268	20.0
Phenanthrene, 2,7...	18.93	3.3	ng/ul	148832	4	17.07	909268	20.0
Cyclopenta(def)ph...	19.01	8.8	ng/ul	398627	4	17.07	909268	20.0
Pyrene, 1-methyl-	19.83	3.3	ng/ul	508044	5	21.27	3059700	20.0
11H-Benzo[b]fluorene	19.96	2.2	ng/ul	329748	5	21.27	3059700	20.0
Fluoranthene, 2-m...	20.16	2.6	ng/ul	393307	5	21.27	3059700	20.0
11H-Benzo[a]fluor...	20.74	2.5	ng/ul	376402	5	21.27	3059700	20.0
Benzo[b]naphtho[2...	20.91	2.2	ng/ul	342956	5	21.27	3059700	20.0
unknown-02	20.99	3.9	ng/ul	596607	5	21.27	3059700	20.0
7H-Benz[de]anthra...	21.04	2.3	ng/ul	345108	5	21.27	3059700	20.0
Triphenylene, 2-m...	21.81	3.8	ng/ul	586714	5	21.27	3059700	20.0
Benz[a]anthracene...	21.86	2.1	ng/ul	316839	5	21.27	3059700	20.0
Estra-1,3,5(10),1...	22.57	7.8	ng/ul	386434	6	23.50	997581	20.0