LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

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-BM092915.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.358	38	46	51	rBV	88047	197995	5.82%	0.585%
2	3.405	51	54	56	rVV	19989	26965	0.79%	0.080%
3	3.446	56	61	69	rVB	560082	865559	25.46%	2.557%
4	4.369	212	218	226	rBV	23684	37715	1.11%	0.111%
5	7.810	797	803	813	rVB	52121	90340	2.66%	0.267%
6	7.981	826	832	839	rBV	46179	77051	2.27%	0.228%
7	8.204	864	870	878	rBV	60366	99306	2.92%	0.293%
8	8.687	945	952	960	rVB	222221	374257	11.01%	1.106%
9	9.387	1066	1071	1082	rBV	60151	102023	3.00%	0.301%
10	9.881	1148	1155	1164	rBV	52816	89120	2.62%	0.263%
11	10.610	1273	1279	1286	rBV	38920	64245	1.89%	0.190%
12	11.157	1365	1372	1378	rBV	67277	110732	3.26%	0.327%
13	11.222	1378	1383	1392	rVB	17322	30796	0.91%	0.091%
14	11.545	1430	1438	1444	rBV	312703	556480	16.37%	1.644%
15	11.675	1453	1460	1473	rBV2	44347	100013	2.94%	0.296%
16	14.663	1962	1968	1972	rVV	135440	192762	5.67%	0.570%
17	14.704	1972	1975	1981	rVB	87598	118951	3.50%	0.351%
18	14.986	2017	2023	2037	rVB	161735	256625	7.55%	0.758%
19	15.280	2067	2073	2079	rBV2	441130	678928	19.97%	2.006%
20	15.345	2079	2084	2090	rVB	67564	97282	2.86%	0.287%
21	15.463	2100	2104	2116	rBV	24545	44657	1.31%	0.132%
22	15.668	2132	2139	2145	rBV	31176	46673	1.37%	0.138%
23	16.257	2233	2239	2244	rBV	209389	309950	9.12%	0.916%
24	16.310	2244	2248	2256	rVB	82714	118153	3.47%	0.349%
25	16.380	2256	2260	2265	rBV3	15893	23816	0.70%	0.070%
26	16.592	2293	2296	2301	rVB	15252	18841	0.55%	0.056%
27	16.733	2316	2320	2328	rBV	14328	27985	0.82%	0.083%
28	16.880	2340	2345	2353	rVB	7304	13934	0.41%	0.041%
29	17.174	2389	2395	2400	rBV3	20153	31810	0.94%	0.094%
30	17.292	2404	2415	2420	rVB2	14571	27120	0.80%	0.080%
31	17.551	2455	2459	2469	rVV4	8492	19150	0.56%	0.057%
32	17.657	2469	2477	2482	rVV	42235	67720	1.99%	0.200%
33	17.710	2482	2486	2490	rVV2	11952	21382	0.63%	0.063%
34	17.815	2497	2504	2513	rVB	58390	82833	2.44%	0.245%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

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-BM092915.M
Title : SVOA CALIBRATION

35	17.992	2528	2534	2538	rBV	497553	800275	23.54%	2.365%
36	18.039	2538	2542	2547	rVV	1260613	1792138	52.71%	5.295%
37	18.092	2547	2551	2554	rVV	232608	338491	9.95%	1.000%
38	18.127	2554	2557	2563	rVV	173092	239701	7.05%	0.708%
39	18.186	2563	2567	2575	rVB	22459	34393	1.01%	0.102%
40	18.386	2594	2601	2608	rBV	119884	195384	5.75%	0.577%
41	18.486	2614	2618	2622	rBV	17740	26262	0.77%	0.078%
42	18.568	2627	2632	2636	rVV2	12931	18129	0.53%	0.054%
43	18.845	2673	2679	2683	rBV	96718	135956	4.00%	0.402%
44	18.892	2683	2687	2695	rVB	135763	192785	5.67%	0.570%
45	18.974	2695	2701	2705	rBV	30389	44357	1.30%	0.131%
46	19.045	2705	2713	2724	rVB2	194212	399496	11.75%	1.180%
47	19.180	2732	2736	2740	rVB2	10968	13729	0.40%	0.041%
48	19.315	2754	2759	2764	rBV	105946	146183	4.30%	0.432%
49	19.380	2764	2770	2776	rVV	186176	262921	7.73%	0.777%
50	19.556	2793	2800	2805	rBV3	28888	44980	1.32%	0.133%
51	19.609	2805	2809	2812	rBV	19485	23822	0.70%	0.070%
52	19.645	2812	2815	2822	rVB	17776	22393	0.66%	0.066%
53	19.721	2823	2828	2833	rBV	42493	67781	1.99%	0.200%
54	19.774	2833	2837	2840	rBV4	19815	39783	1.17%	0.118%
55	19.880	2848	2855	2862	rBV2	64169	113465	3.34%	0.335%
56	19.998	2865	2875	2880	rVV	2459657	3400220	100.00%	10.046%
57	20.086	2884	2890	2895	rVB3	30609	60373	1.78%	0.178%
58	20.139	2895	2899	2902	rBV2	18501	28157	0.83%	0.083%
59	20.180	2902	2906	2909	rVV2	29620	44831	1.32%	0.132%
60	20.239	2909	2916	2922	rVB2	73668	133004	3.91%	0.393%
61	20.321	2922	2930	2932	rBV3	487989	946034	27.82%	2.795%
62	20.351	2932	2935	2941	rVV	1812360	2541255	74.74%	7.508%
63	20.403	2941	2944	2949	rVB2	72185	101416	2.98%	0.300%
64	20.515	2958	2963	2967	rVB	98937	127197	3.74%	0.376%
65	20.586	2971	2975	2979	rVB	41713	58679	1.73%	0.173%
66	20.651	2981	2986	2993	rVV2	99503	210923	6.20%	0.623%
67	20.715	2993	2997	3001	rVV	40671	58576	1.72%	0.173%
68	20.821	3002	3015	3021	rVB2	254639	492923	14.50%	1.456%
69	20.915	3026	3031	3035	rBV2	187930	276245	8.12%	0.816%
70	20.951	3035	3037	3039	rVV2	56301	71390	2.10%	0.211%
71	20.980	3039	3042	3045	rVV	112543	151225	4.45%	0.447%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

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-BM092915.M
Title : SVOA CALIBRATION

72	21.009	3045	3047	3050	rVV2	57051	62032	1.82%	0.183%
73	21.045	3050	3053	3058	rVB3	34060	51820	1.52%	0.153%
74	21.115	3061	3065	3069	rBV	62925	99475	2.93%	0.294%
75	21.162	3070	3073	3083	rVB	71958	112054	3.30%	0.331%
76	21.239	3083	3086	3089	rBV5	22312	34870	1.03%	0.103%
77	21.503	3128	3131	3134	rBV4	26409	41486	1.22%	0.123%
78	21.550	3135	3139	3144	rVV	136489	195233	5.74%	0.577%
79	21.715	3159	3167	3170	rBV2	218138	407508	11.98%	1.204%
80	21.750	3170	3173	3177	rVB	149614	182734	5.37%	0.540%
81	21.797	3177	3181	3185	rBV2	208761	315764	9.29%	0.933%
82	21.845	3185	3189	3195	rVB2	160324	255210	7.51%	0.754%
83	21.903	3195	3199	3202	rBV	73039	94964	2.79%	0.281%
84	22.068	3217	3227	3233	rBV3	1101335	2773510	81.57%	8.195%
85	22.121	3233	3236	3245	rVB	951006	1342416	39.48%	3.966%
86	22.250	3254	3258	3264	rBV	160944	239489	7.04%	0.708%
87	22.309	3265	3268	3274	rBV2	59483	105939	3.12%	0.313%
88	22.421	3283	3287	3293	rBV	145556	225904	6.64%	0.667%
89	22.686	3329	3332	3337	rVB	98772	133775	3.93%	0.395%
90	23.015	3384	3388	3394	rVB	73926	120928	3.56%	0.357%
91	23.574	3479	3483	3494	rVB2	66608	140394	4.13%	0.415%
92	23.874	3526	3534	3539	rBV	793000	2068832	60.84%	6.113%
93	24.068	3562	3567	3574	rBV	107720	202387	5.95%	0.598%
94	24.439	3623	3630	3635	rBV	449243	918364	27.01%	2.713%
95	24.497	3636	3640	3643	rVV	171902	316349	9.30%	0.935%
96	24.556	3644	3650	3659	rVV	594022	1290854	37.96%	3.814%
97	24.668	3662	3669	3674	rVV	415489	948825	27.90%	2.803%
98	24.721	3674	3678	3686	rVB	176650	391172	11.50%	1.156%
99	27.385	4120	4131	4141	rVB2	339433	1158238	34.06%	3.422%
100	28.232	4265	4275	4295	rVB	235941	938681	27.61%	2.773%

Sum of corrected areas: 33845248

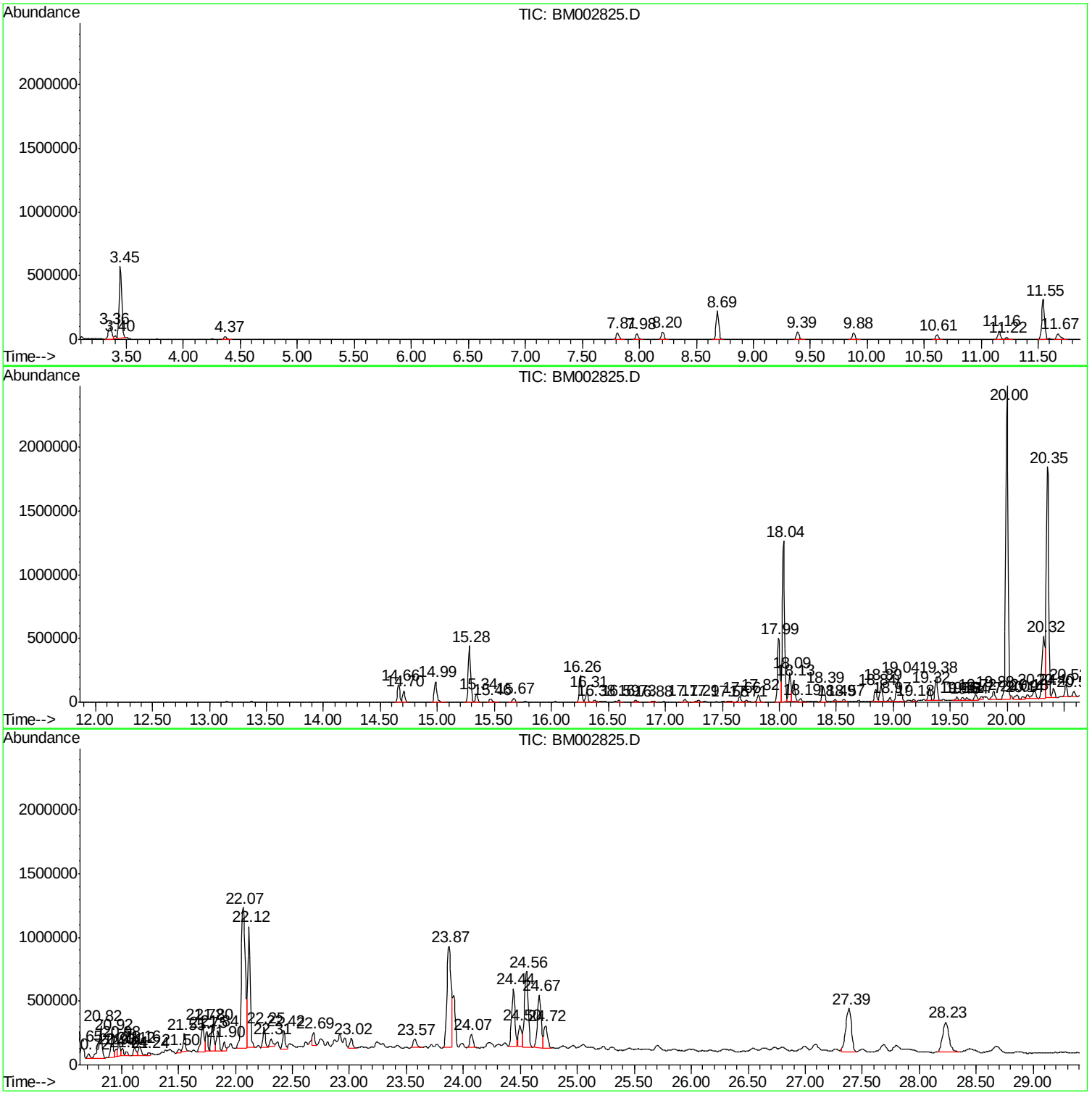
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

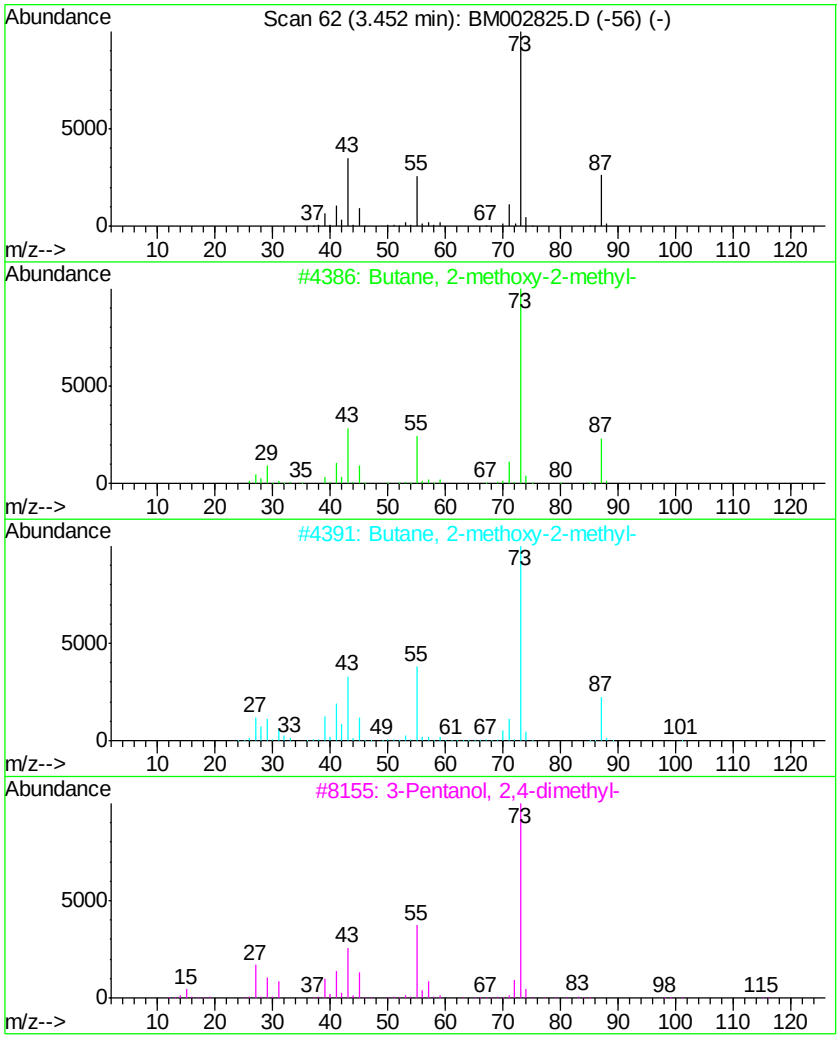
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

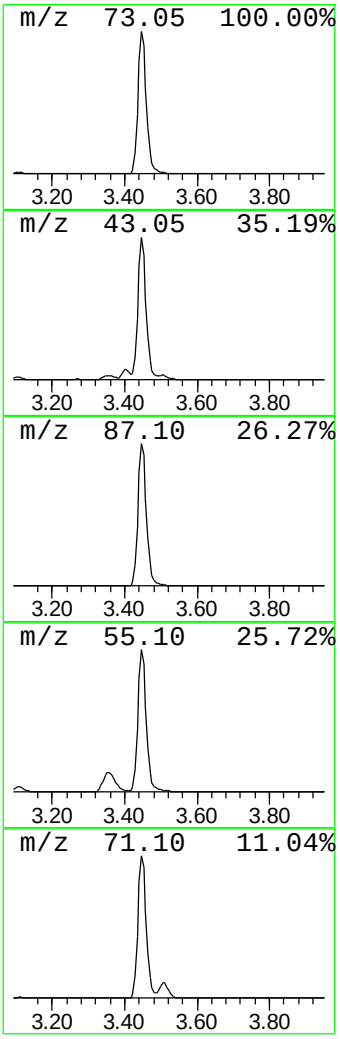
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	46.25 ng/ul	865559	1,4-Dichlorobenzene-d4	8.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

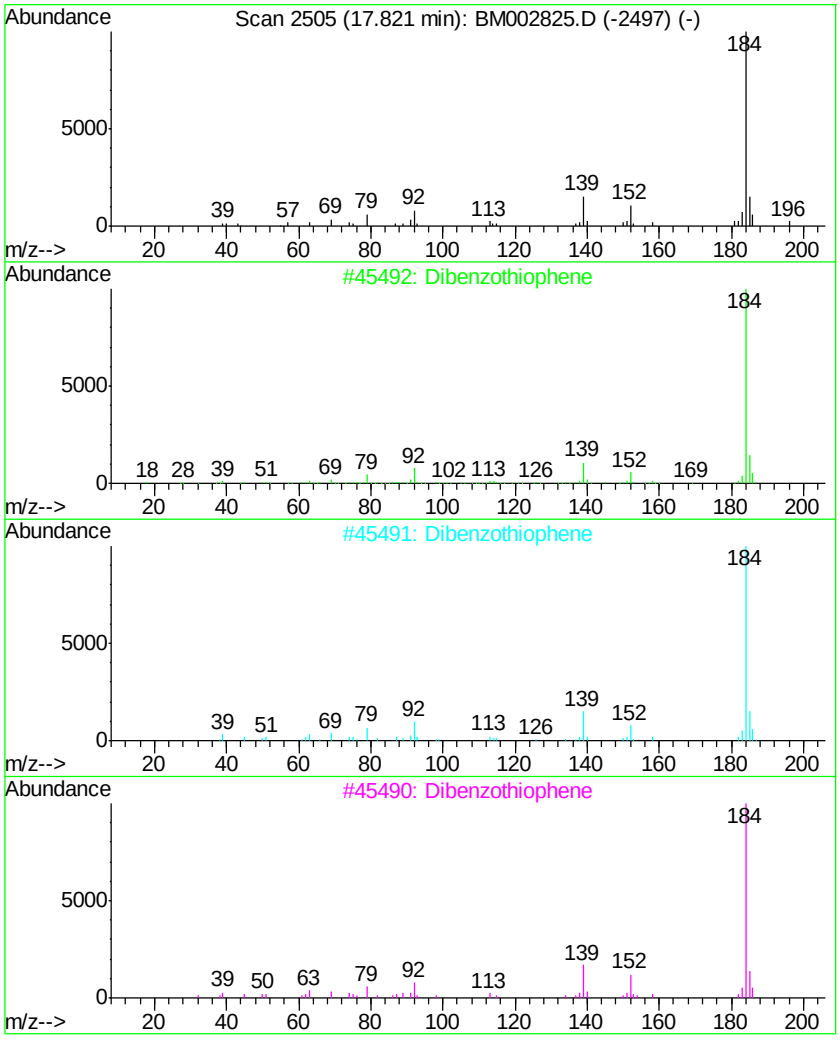
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

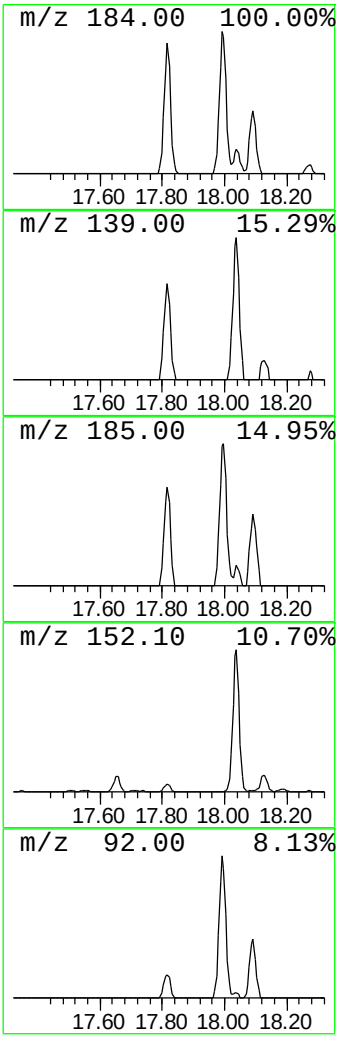
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.07 ng/ul	82833	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

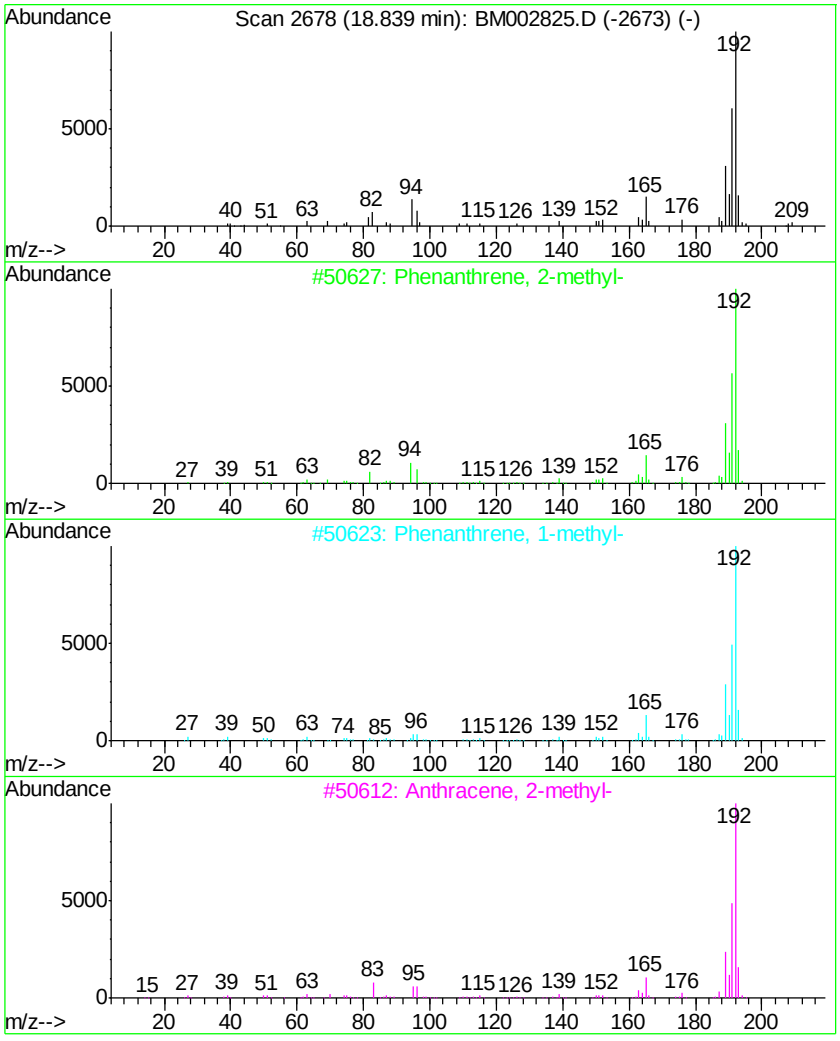
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

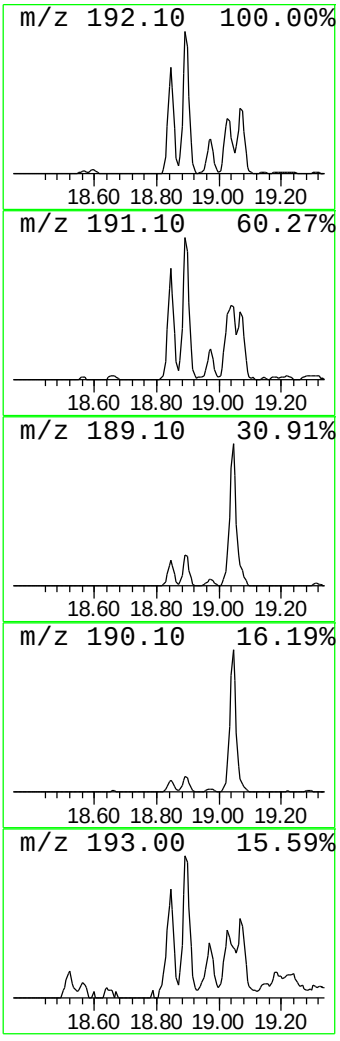
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	3.40 ng/ul	135956	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

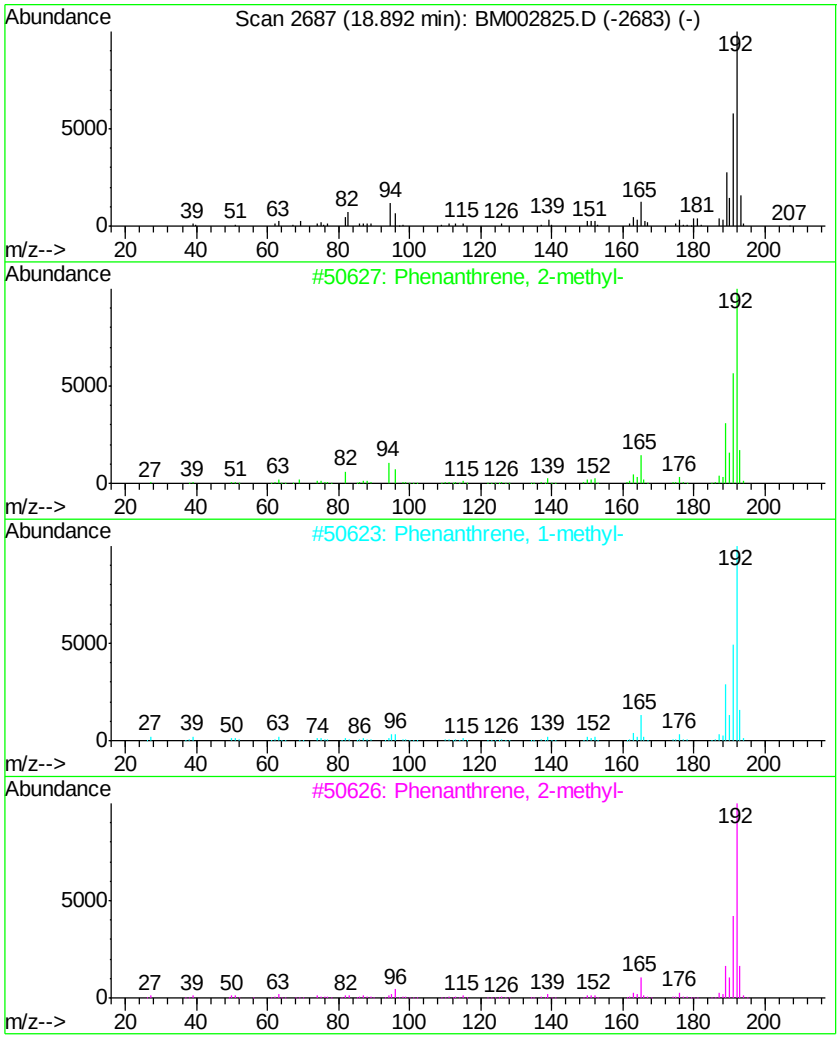
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

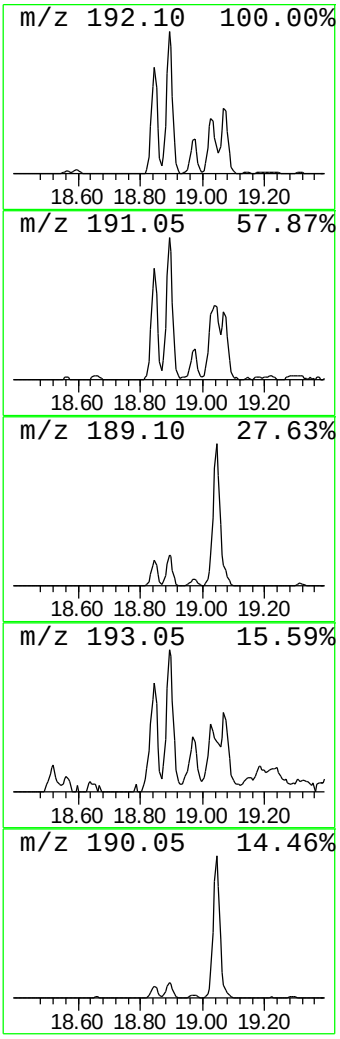
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	4.82 ng/ul	192785	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

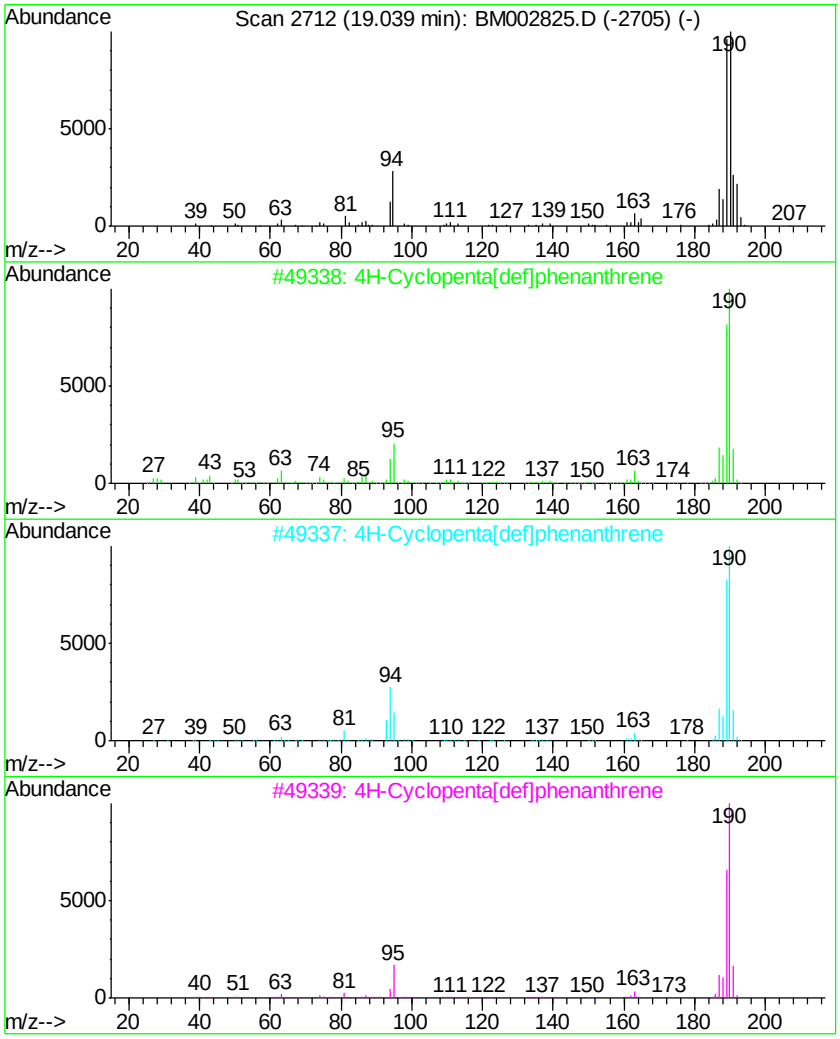
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

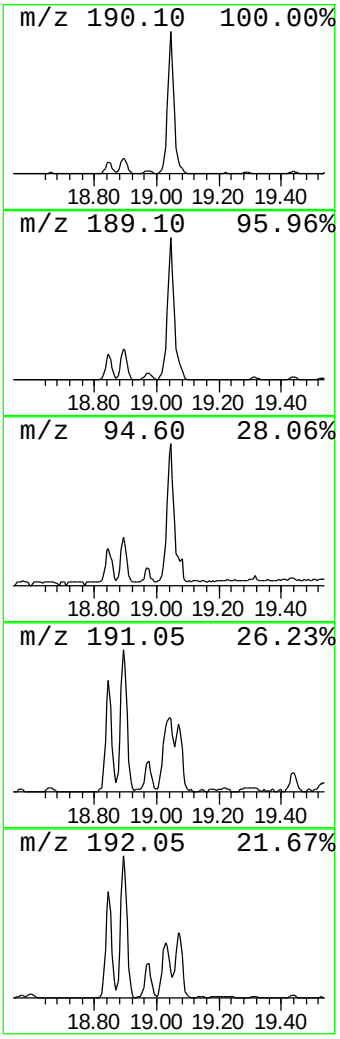
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	9.98 ng/ul	399496	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

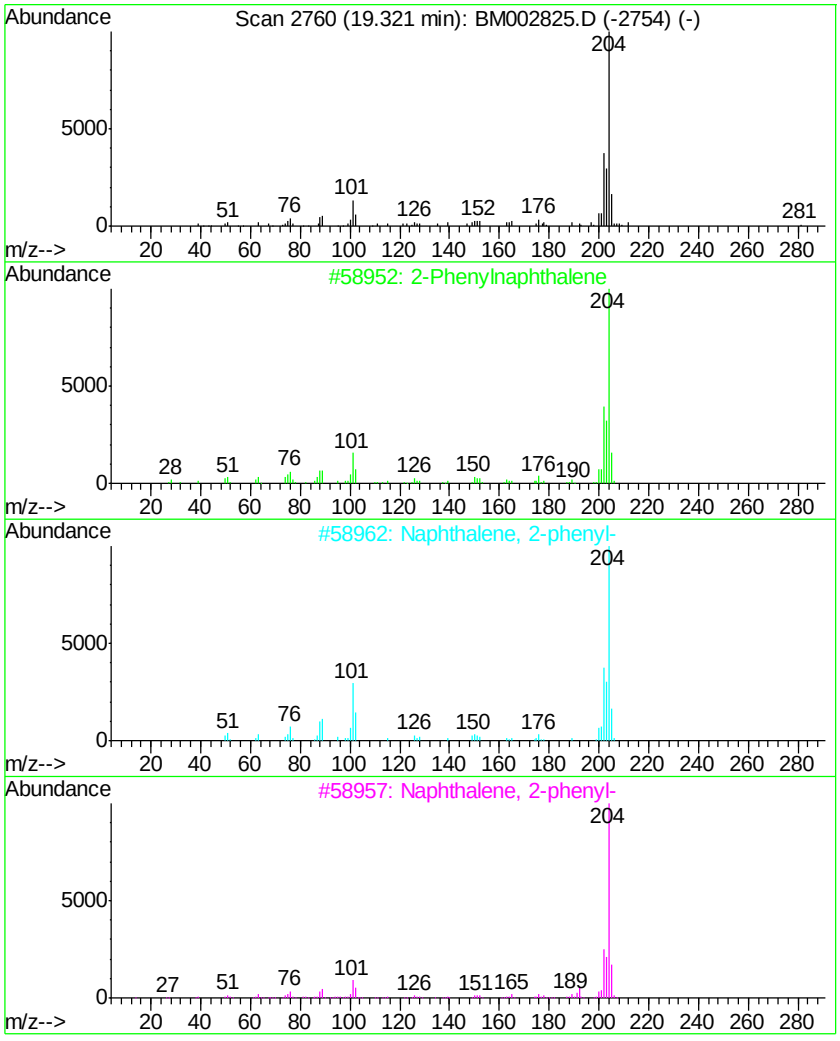
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

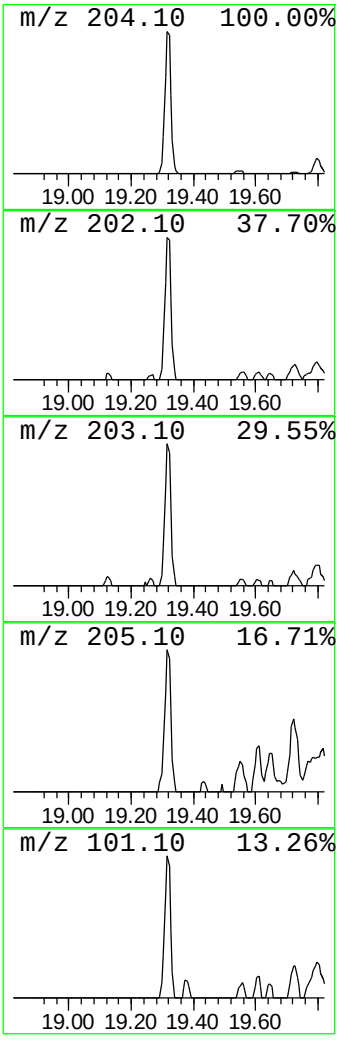
****

Peak Number 8 2-Phenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	3.65 ng/ul	146183	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90





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Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

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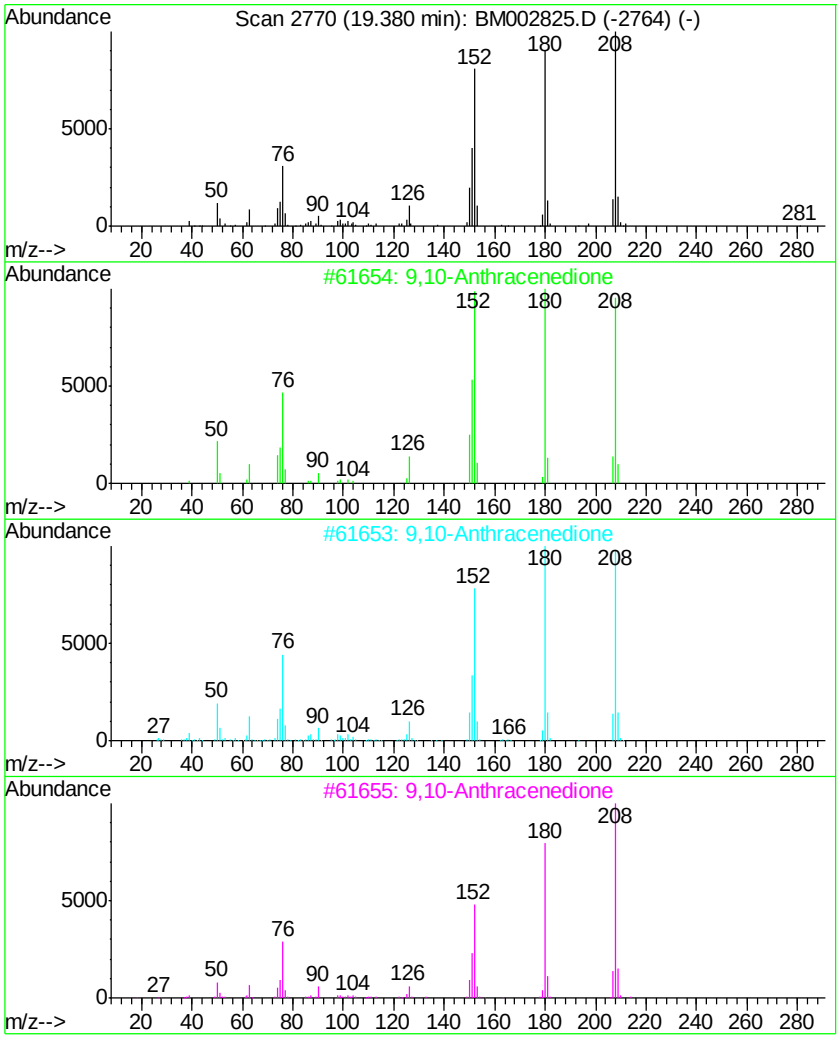
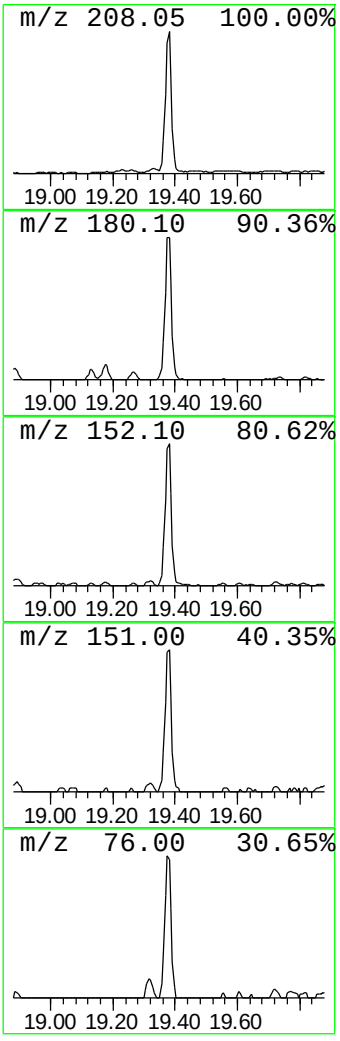
Peak Number 9 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	6.57 ng/ul	262921	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

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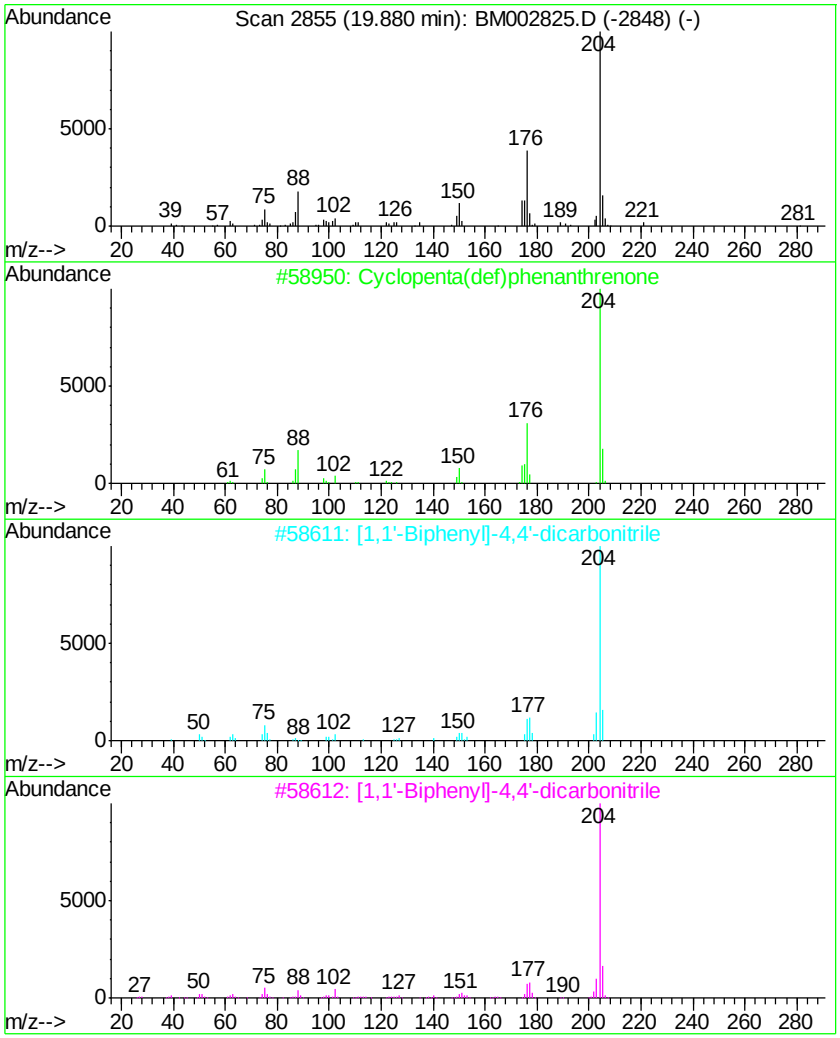
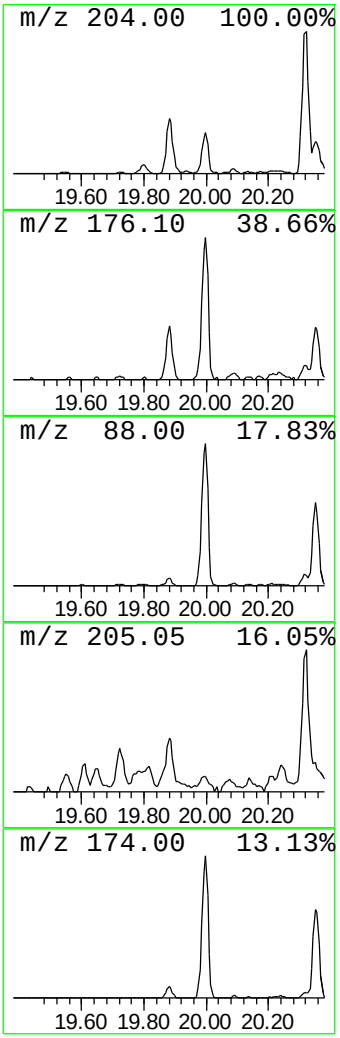
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.84 ng/ul	113465	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42





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Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

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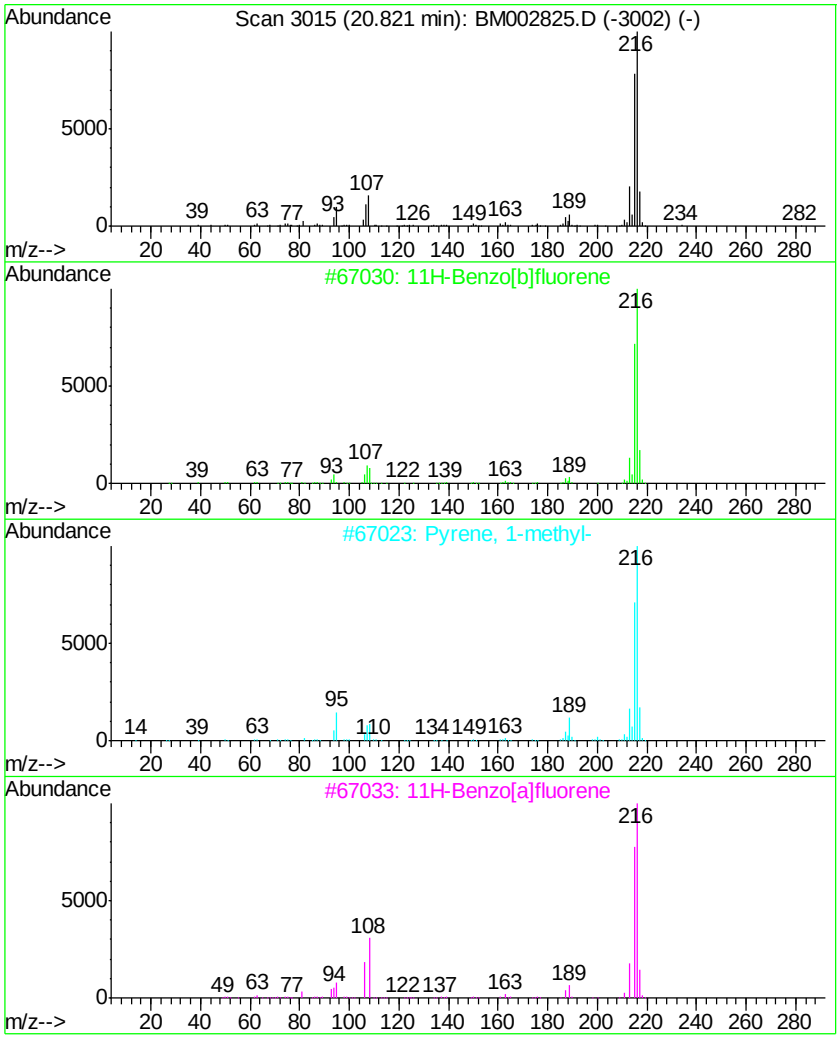
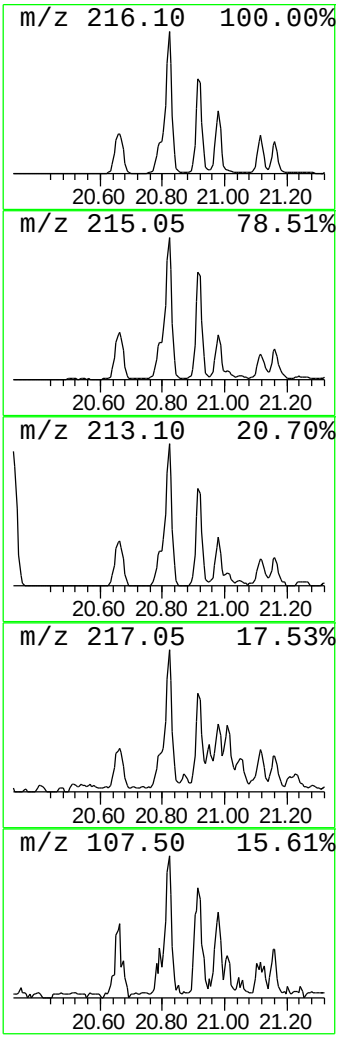
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.55 ng/ul	492923	Chrysene-d12	22.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

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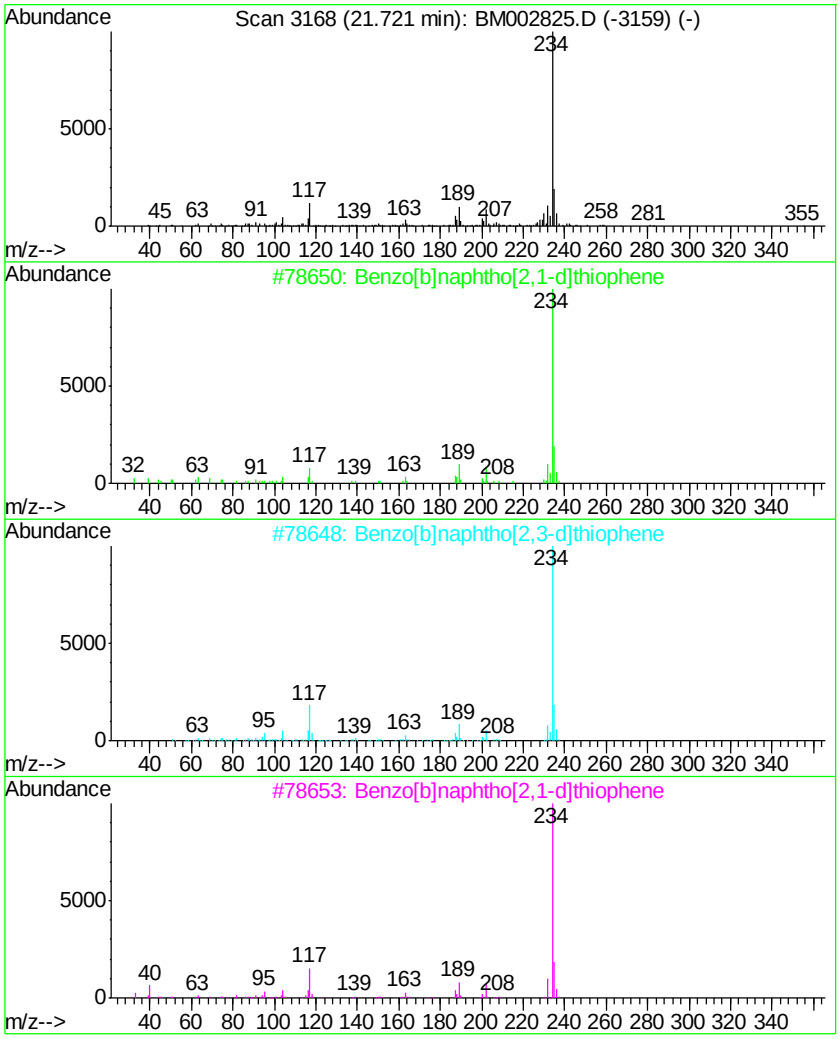
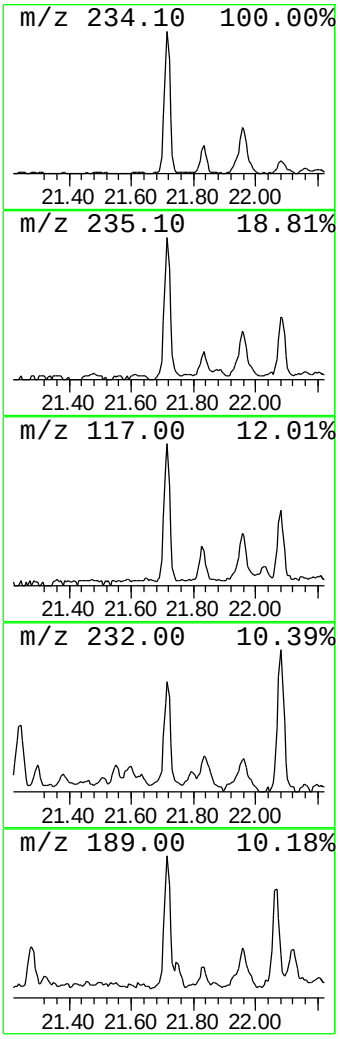
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.94 ng/ul	407508	Chrysene-d12	22.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

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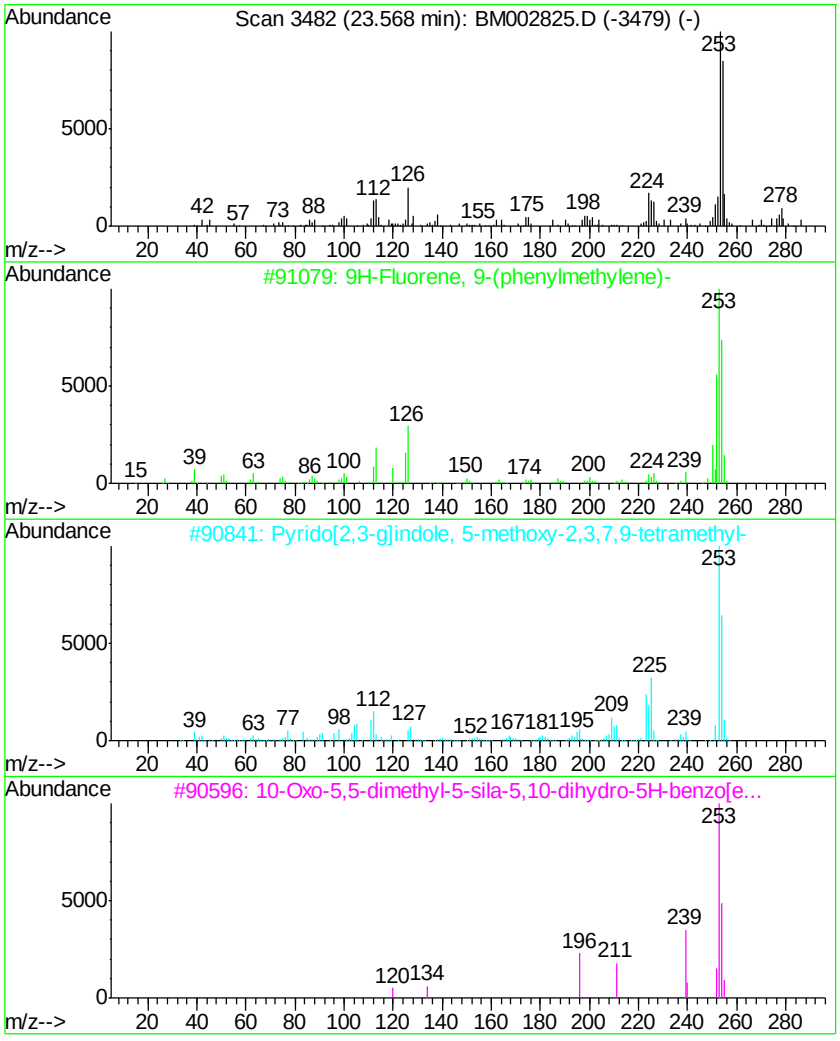
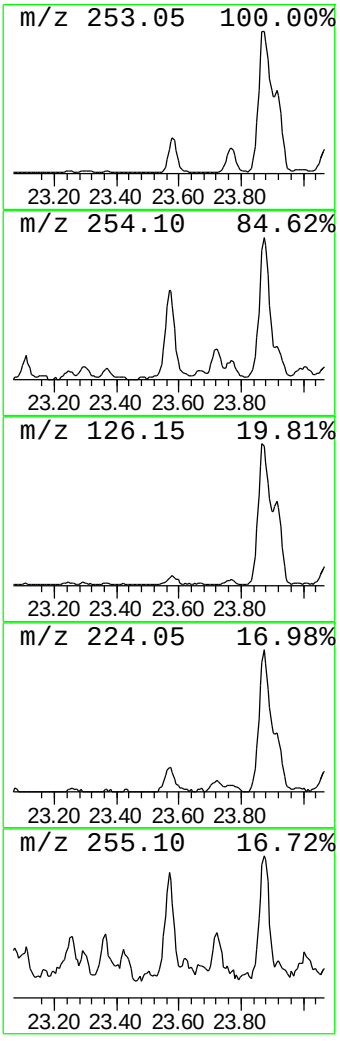
Peak Number 14 9H-Fluorene, 9-(phenylmethy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	2.96 ng/ul	140394	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
2	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	68
3	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	64
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	53
5	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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...	3.45	46.3	ng/ul	865559	1	8.69	374257	20.0
Dibenzothiophene	17.82	2.1	ng/ul	82833	4	17.99	800275	20.0
Phenanthrene, 2-m...	18.84	3.4	ng/ul	135956	4	17.99	800275	20.0
Phenanthrene, 1-m...	18.89	4.8	ng/ul	192785	4	17.99	800275	20.0
4H-Cyclopenta[def...	19.04	10.0	ng/ul	399496	4	17.99	800275	20.0
2-Phenylnaphthalene	19.32	3.6	ng/ul	146183	4	17.99	800275	20.0
9,10-Anthracenedione	19.38	6.6	ng/ul	262921	4	17.99	800275	20.0
Cyclopenta(def)ph...	19.88	2.8	ng/ul	113465	4	17.99	800275	20.0
11H-Benzo[b]fluorene	20.82	3.5	ng/ul	492923	5	22.08	2773510	20.0
Benzo[b]naphtho[2...	21.72	2.9	ng/ul	407508	5	22.08	2773510	20.0
9H-Fluorene, 9-(p...	23.57	3.0	ng/ul	140394	6	24.66	948825	20.0