LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010662.D
Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM-EPA-BM062017.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	7.463	771	778	786	rBB	230215	349055	11.50%	1.354%
2	10.222	1241	1247	1253	rBV	316931	520232	17.14%	2.018%
3	12.122	1565	1570	1576	rVB2	49730	69478	2.29%	0.269%
4	12.939	1704	1709	1715	rVB	40079	58537	1.93%	0.227%
5	13.281	1765	1767	1773	rVB3	20399	32397	1.07%	0.126%
6	13.433	1787	1793	1797	rBV3	38964	64331	2.12%	0.250%
7	13.481	1797	1801	1806	rVV2	25300	35080	1.16%	0.136%
8	13.533	1806	1810	1814	rVB	24558	34004	1.12%	0.132%
9	13.581	1814	1818	1823	rBV2	28505	34983	1.15%	0.136%
10	13.798	1851	1855	1858	rBV2	26219	33572	1.11%	0.130%
11	14.116	1900	1909	1914	rBV2	500773	803301	26.47%	3.116%
12	14.175	1914	1919	1924	rBV	222975	306431	10.10%	1.189%
13	14.322	1940	1944	1954	rBB3	15719	31190	1.03%	0.121%
14	14.516	1969	1977	1985	rBB	240375	337470	11.12%	1.309%
15	15.110	2074	2078	2083	rVB5	47837	69808	2.30%	0.271%
16	15.169	2083	2088	2093	rBV	406861	546357	18.00%	2.119%
17	15.333	2112	2116	2121	rVB2	61545	81306	2.68%	0.315%
18	15.416	2127	2130	2135	rVV2	28491	31762	1.05%	0.123%
19	15.469	2135	2139	2148	rVB	101765	145609	4.80%	0.565%
20	15.616	2155	2164	2172	rVB	103808	210030	6.92%	0.815%
21	15.704	2172	2179	2185	rBV3	21507	36447	1.20%	0.141%
22	15.839	2198	2202	2214	rVB4	34224	61351	2.02%	0.238%
23	15.969	2219	2224	2231	rBV6	27080	44965	1.48%	0.174%
24	16.180	2248	2260	2264	rBV2	82315	178654	5.89%	0.693%
25	16.222	2264	2267	2272	rVB3	38858	51440	1.69%	0.200%
26	16.327	2280	2285	2290	rVB4	34506	53921	1.78%	0.209%
27	16.410	2296	2299	2302	rVV2	38789	47821	1.58%	0.185%
28	16.451	2302	2306	2309	rVB3	42755	56996	1.88%	0.221%
29	16.604	2326	2332	2339	rBV3	59139	118043	3.89%	0.458%
30	16.686	2339	2346	2351	rVB	126221	180537	5.95%	0.700%
31	16.869	2371	2377	2380	rBV	730171	1046762	34.49%	4.060%
32	16.910	2380	2384	2390	rVV	1560126	2159704	71.16%	8.377%
33	16.969	2390	2394	2395	rVV2	51621	66227	2.18%	0.257%
34	16.998	2395	2399	2405	rVB	629140	867406	28.58%	3.365%

LSC Area Percent Report

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Acq On : 22 Jun 2017 16:33
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Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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 >
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	17.063	2405	2410	2415	rBV4	26601	45445	1.50%	0.176%
36	17.280	2441	2447	2449	rBV	34290	49850	1.64%	0.193%
37	17.398	2462	2467	2471	rBV	43908	51687	1.70%	0.200%
38	17.592	2495	2500	2505	rVB3	22123	36880	1.22%	0.143%
39	17.745	2516	2526	2530	rBV	232026	326601	10.76%	1.267%
40	17.792	2530	2534	2542	rVB	286712	388031	12.78%	1.505%
41	17.874	2542	2548	2553	rBV	193885	275692	9.08%	1.069%
42	17.939	2553	2559	2563	rVV2	345201	593233	19.55%	2.301%
43	17.974	2563	2565	2574	rVB2	130403	155654	5.13%	0.604%
44	18.257	2608	2613	2618	rBV	185039	243948	8.04%	0.946%
45	18.504	2648	2655	2659	rBV3	39029	57741	1.90%	0.224%
46	18.551	2659	2663	2667	rVV3	41270	58853	1.94%	0.228%
47	18.592	2667	2670	2673	rVB3	34959	37972	1.25%	0.147%
48	18.674	2679	2684	2690	rBV2	74232	143408	4.72%	0.556%
49	18.739	2690	2695	2698	rVV3	51062	85231	2.81%	0.331%
50	18.768	2698	2700	2704	rVB3	35002	35091	1.16%	0.136%
51	18.810	2704	2707	2710	rBV3	24531	34163	1.13%	0.133%
52	18.939	2723	2729	2735	rBV	2308556	3035207	100.00%	11.773%
53	19.015	2738	2742	2745	rVV	34296	43340	1.43%	0.168%
54	19.180	2766	2770	2775	rVV	59269	85008	2.80%	0.330%
55	19.304	2781	2791	2796	rBV2	1396133	2551461	84.06%	9.897%
56	19.380	2800	2804	2811	rVB2	85776	132932	4.38%	0.516%
57	19.486	2817	2822	2829	rBV	120001	160606	5.29%	0.623%
58	19.645	2839	2849	2854	rBV4	92798	243090	8.01%	0.943%
59	19.768	2866	2870	2872	rBV3	62562	93415	3.08%	0.362%
60	19.810	2872	2877	2883	rVB	395299	527252	17.37%	2.045%
61	19.910	2889	2894	2898	rBV	469916	581248	19.15%	2.255%
62	19.962	2898	2903	2908	rVV2	126114	211880	6.98%	0.822%
63	20.010	2908	2911	2915	rVV2	36548	47700	1.57%	0.185%
64	20.051	2915	2918	2923	rVB2	43228	54023	1.78%	0.210%
65	20.104	2923	2927	2931	rBV2	48813	64930	2.14%	0.252%
66	20.157	2931	2936	2940	rBV3	46923	85535	2.82%	0.332%
67	20.433	2981	2983	2988	rVB4	26785	33269	1.10%	0.129%
68	20.521	2993	2998	3003	rBV3	52715	92294	3.04%	0.358%
69	20.568	3003	3006	3010	rVB5	26925	37546	1.24%	0.146%
70	20.727	3028	3033	3036	rBV	139860	162683	5.36%	0.631%
71	20.762	3036	3039	3043	rVV	90422	114091	3.76%	0.443%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

72	20.798	3043	3045	3051	rVB2	52849	75106	2.47%	0.291%
73	20.962	3070	3073	3082	rVB2	36000	65770	2.17%	0.255%
74	21.080	3085	3093	3097	rVV2	1416313	2534681	83.51%	9.832%
75	21.115	3097	3099	3108	rVB	628105	769459	25.35%	2.985%
76	21.233	3115	3119	3123	rBV	102263	126471	4.17%	0.491%
77	21.345	3133	3138	3141	rBV	103317	133025	4.38%	0.516%
78	21.392	3141	3146	3150	rVB3	46647	76308	2.51%	0.296%
79	21.615	3179	3184	3189	rVV	68410	125382	4.13%	0.486%
80	21.668	3190	3193	3198	rVB2	47186	59507	1.96%	0.231%
81	21.768	3207	3210	3213	rVB3	31572	41736	1.38%	0.162%
82	21.809	3213	3217	3219	rVV2	38077	47166	1.55%	0.183%
83	21.839	3219	3222	3227	rVB3	50332	72289	2.38%	0.280%
84	22.586	3344	3349	3354	rBV	164129	376233	12.40%	1.459%
85	22.751	3373	3377	3381	rVB2	25747	40788	1.34%	0.158%
86	23.039	3422	3426	3430	rVB	66663	98610	3.25%	0.382%
87	23.127	3437	3441	3450	rVB	110822	194520	6.41%	0.755%
88	23.221	3450	3457	3463	rBV	673260	1201804	39.60%	4.662%

Sum of corrected areas: 25781052

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Instrument :
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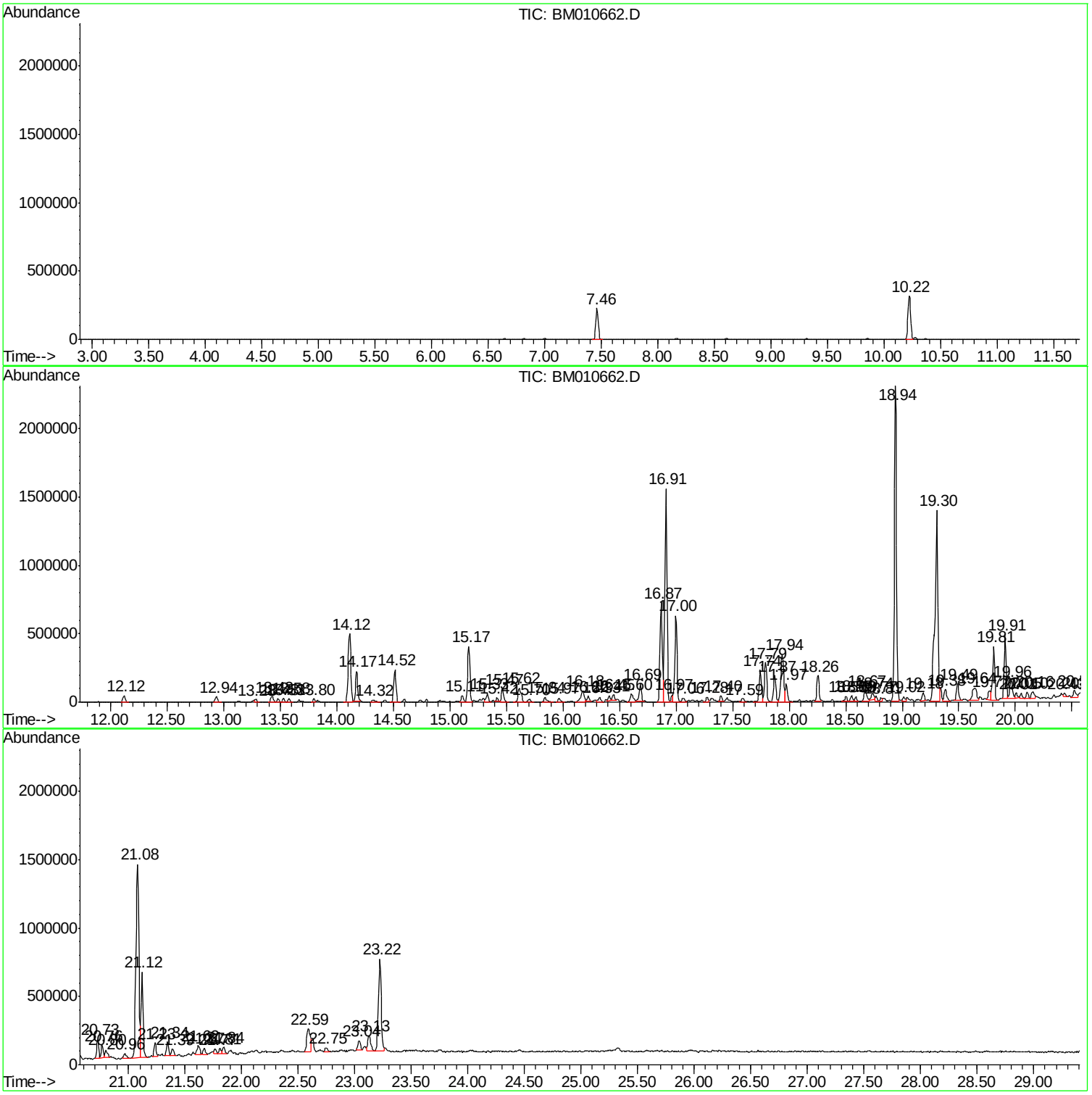
ClientSampleId :
F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010662.D
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Operator : SJ/JU
Sample : I3521-11DL 30X
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Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

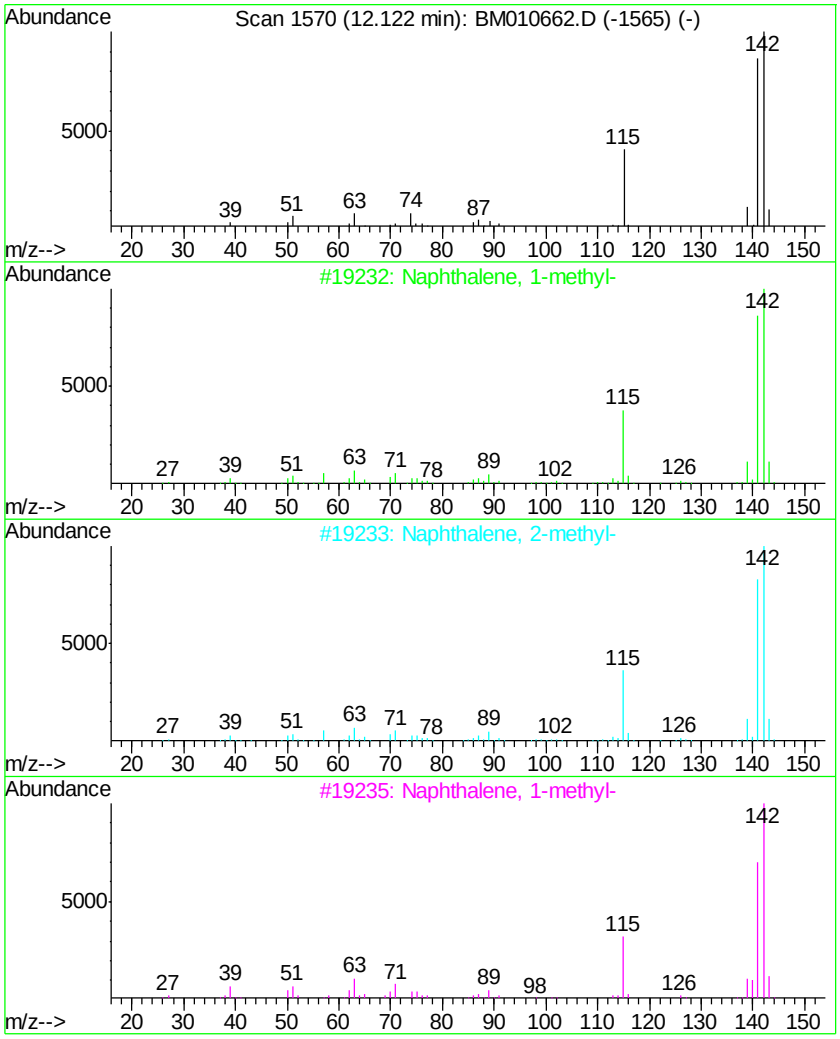
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

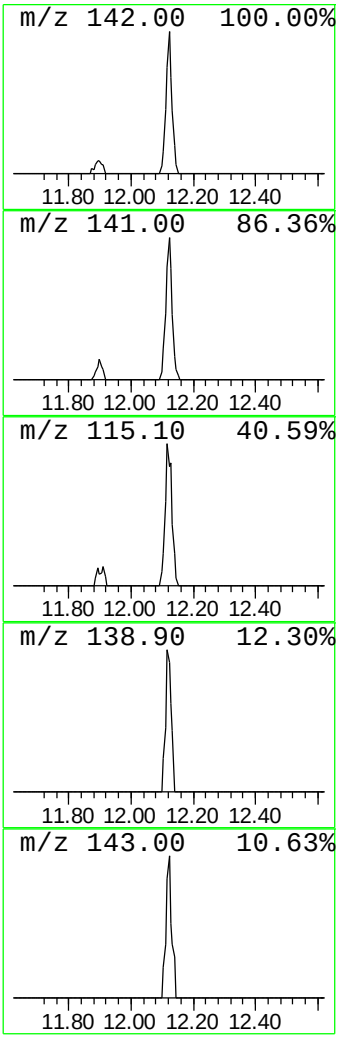
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.67 ng/ul	69478	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

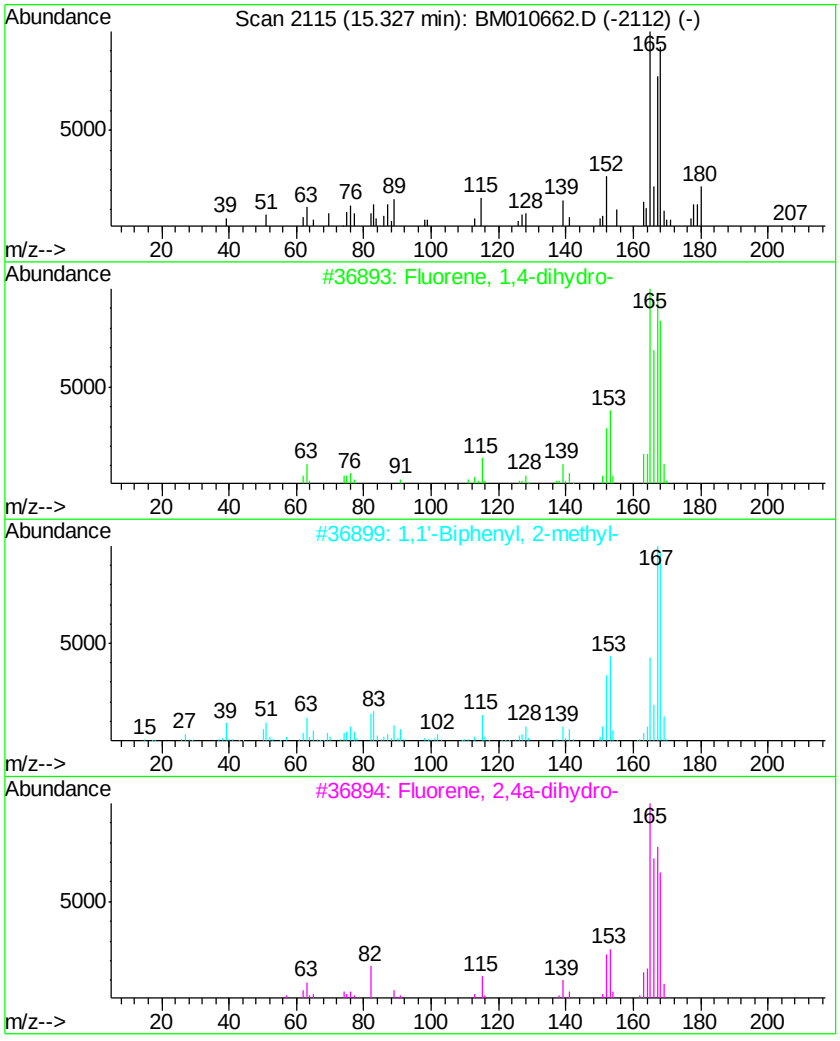
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

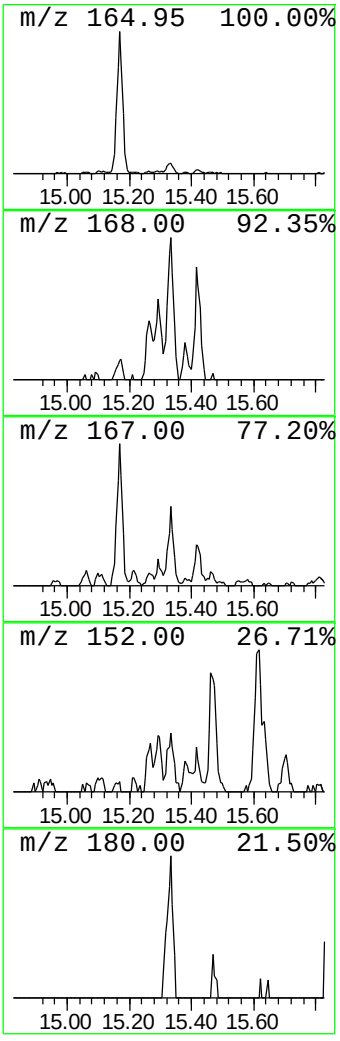
****

Peak Number 2 Fluorene, 1,4-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.02 ng/ul	81306	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	60
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
4	Diphenylmethane	168	C13H12	000101-81-5	49
5	Diphenylmethane	168	C13H12	000101-81-5	49





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Instrument : BNA_M
ClientSampleId : F5C59DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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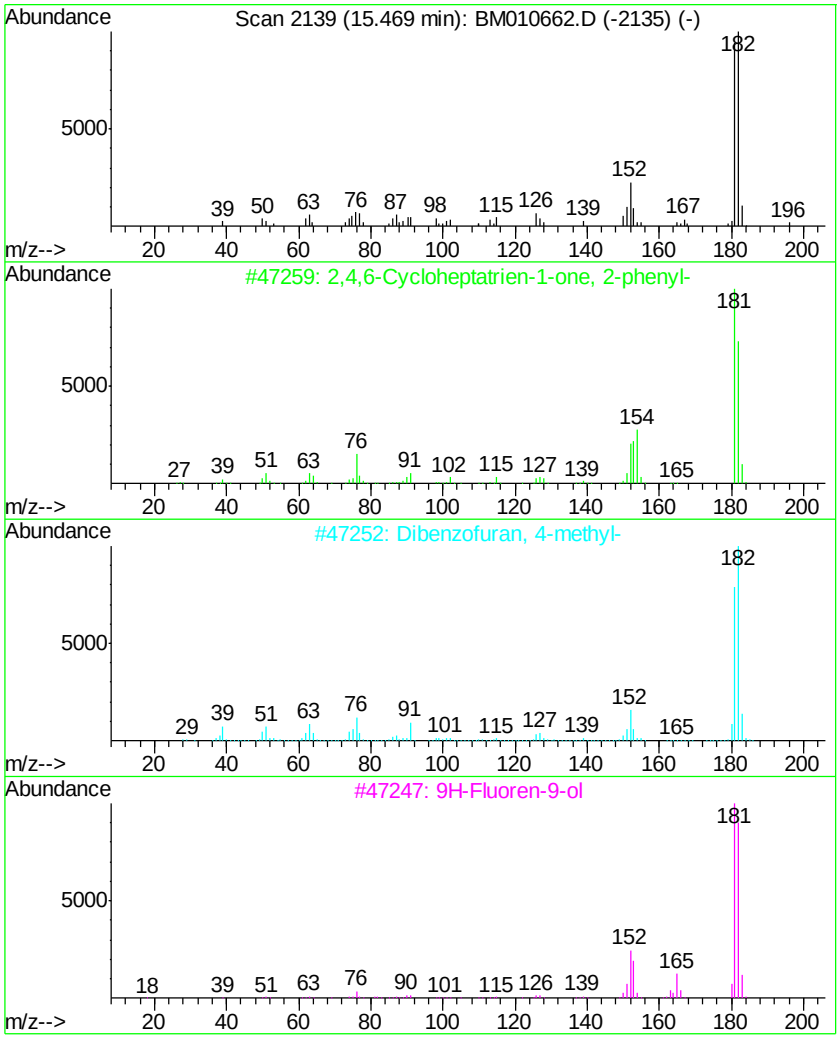
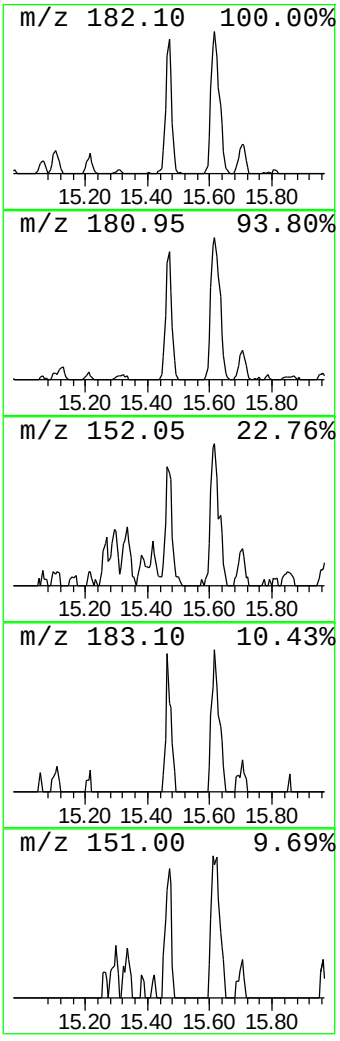
****

Peak Number 3 2,4,6-Cycloheptatrien-1-one... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	3.63 ng/ul	145609	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





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Quant Title : SVOA CALIBRATION

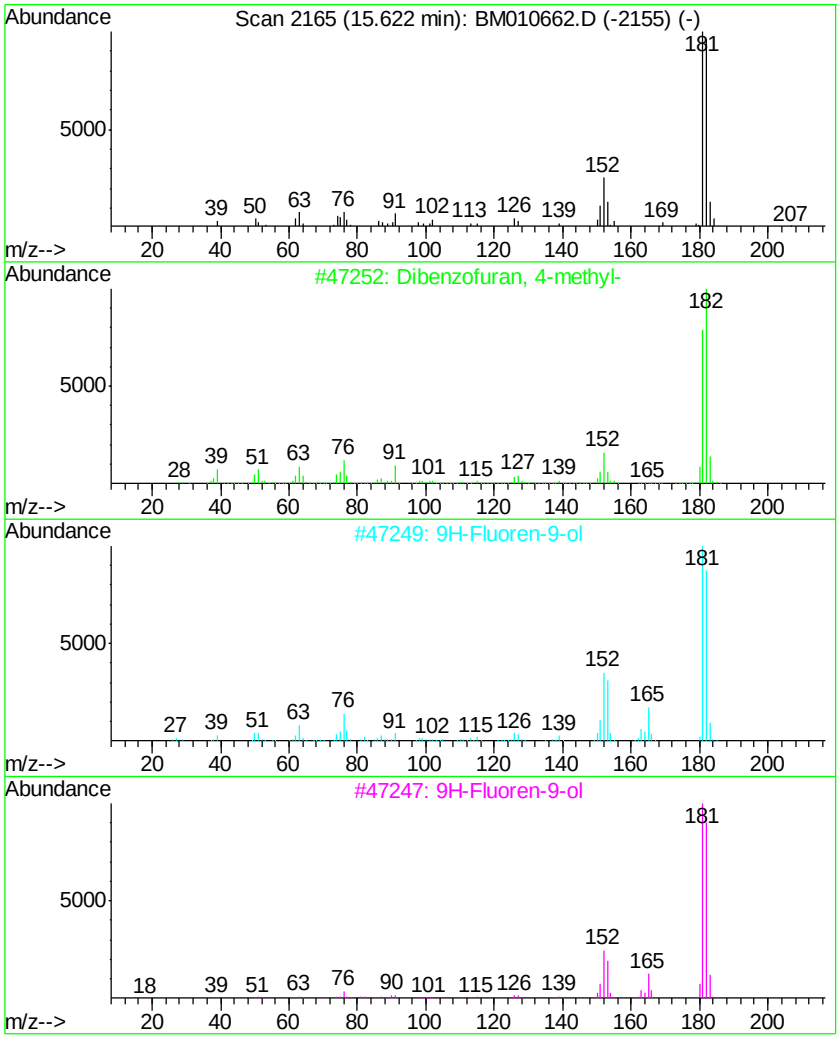
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

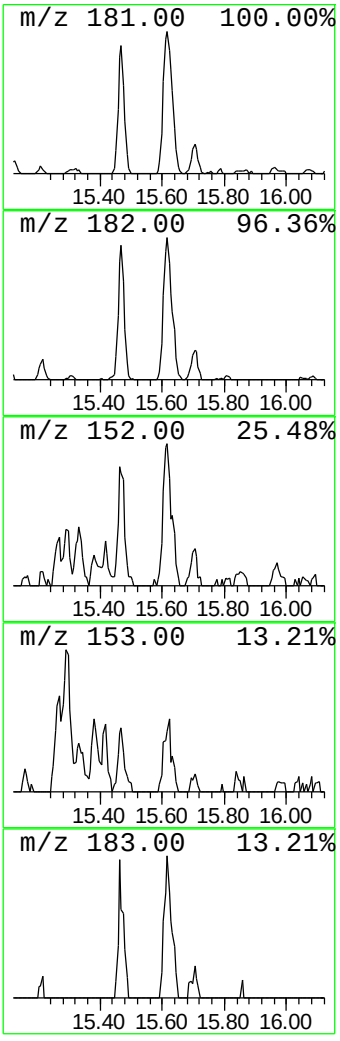
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.01 ng/ul	210030	Phenanthrene-d10	16.87

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	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

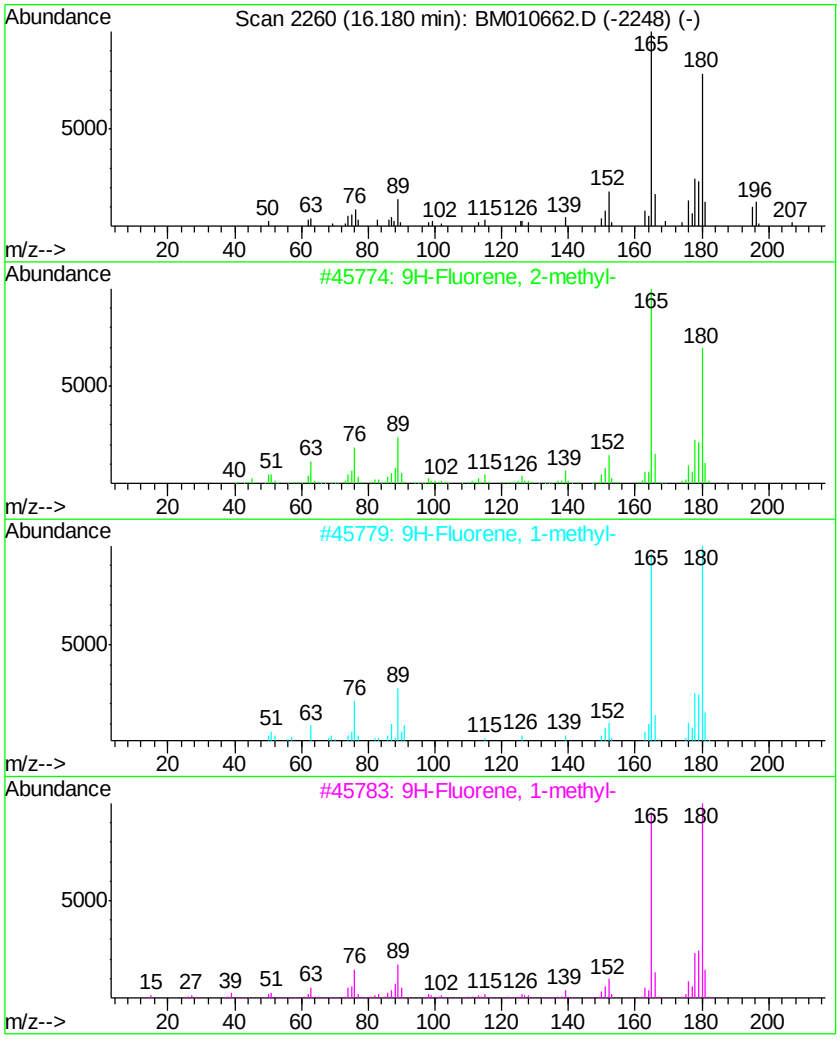
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

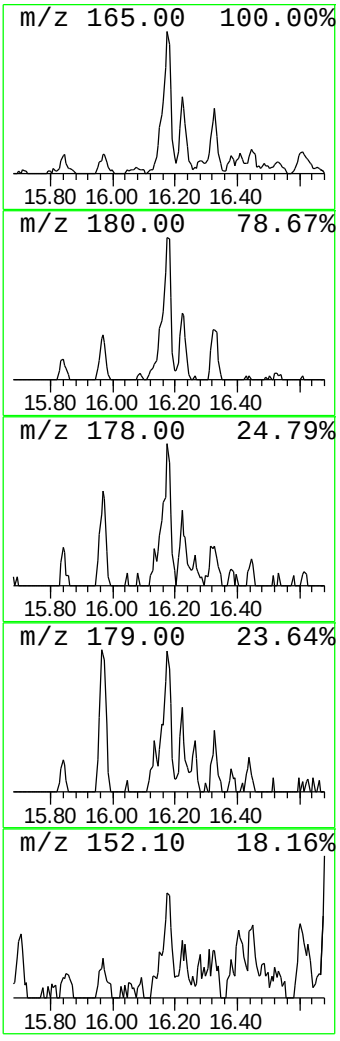
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.41 ng/ul	178654	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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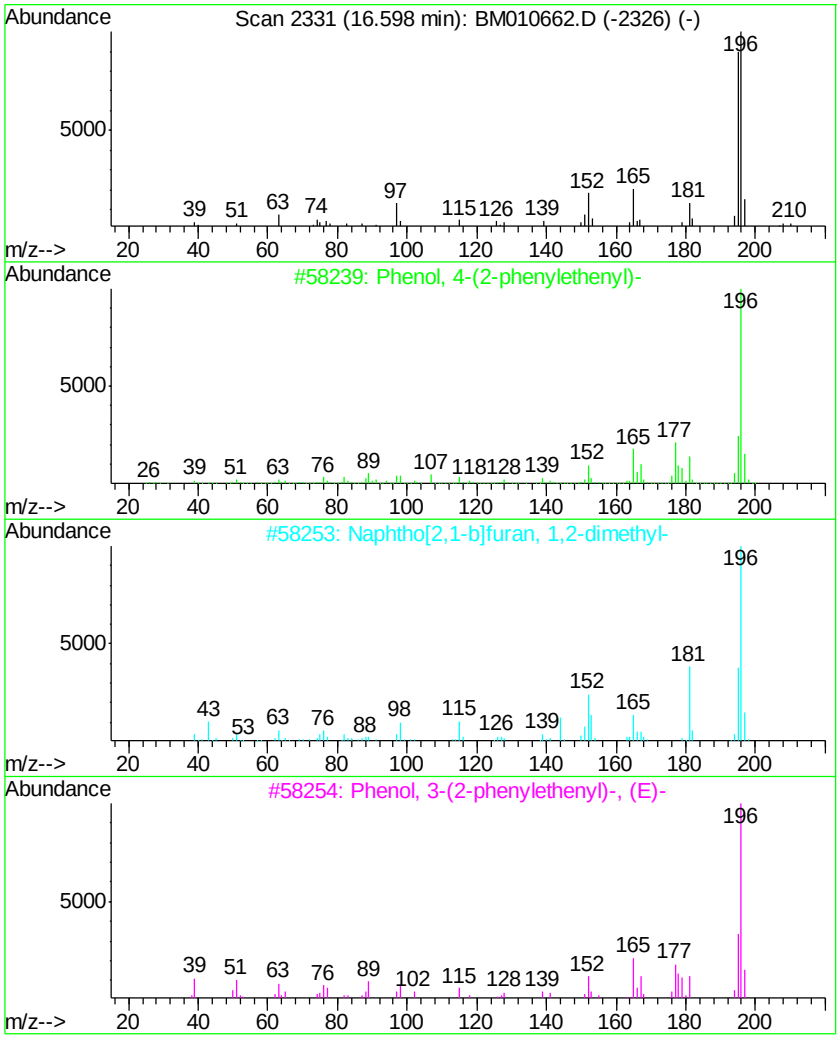
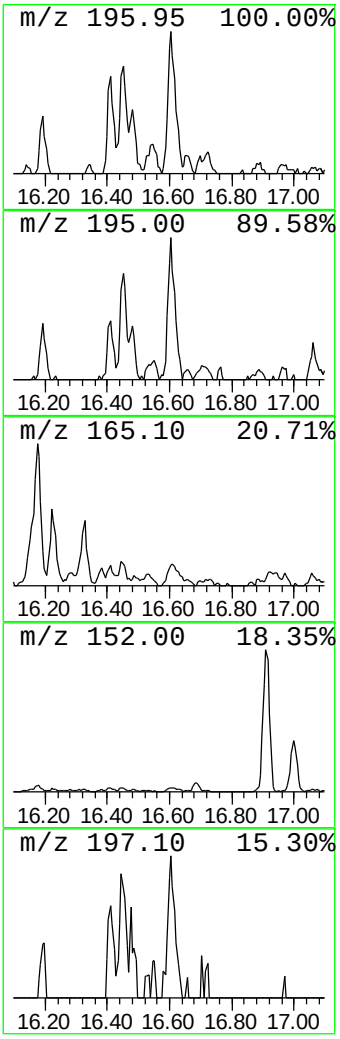
Peak Number 6 Phenol, 4-(2-phenylethenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.26 ng/ul	118043	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	47
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	47
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	43





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Data File : BM010662.D
Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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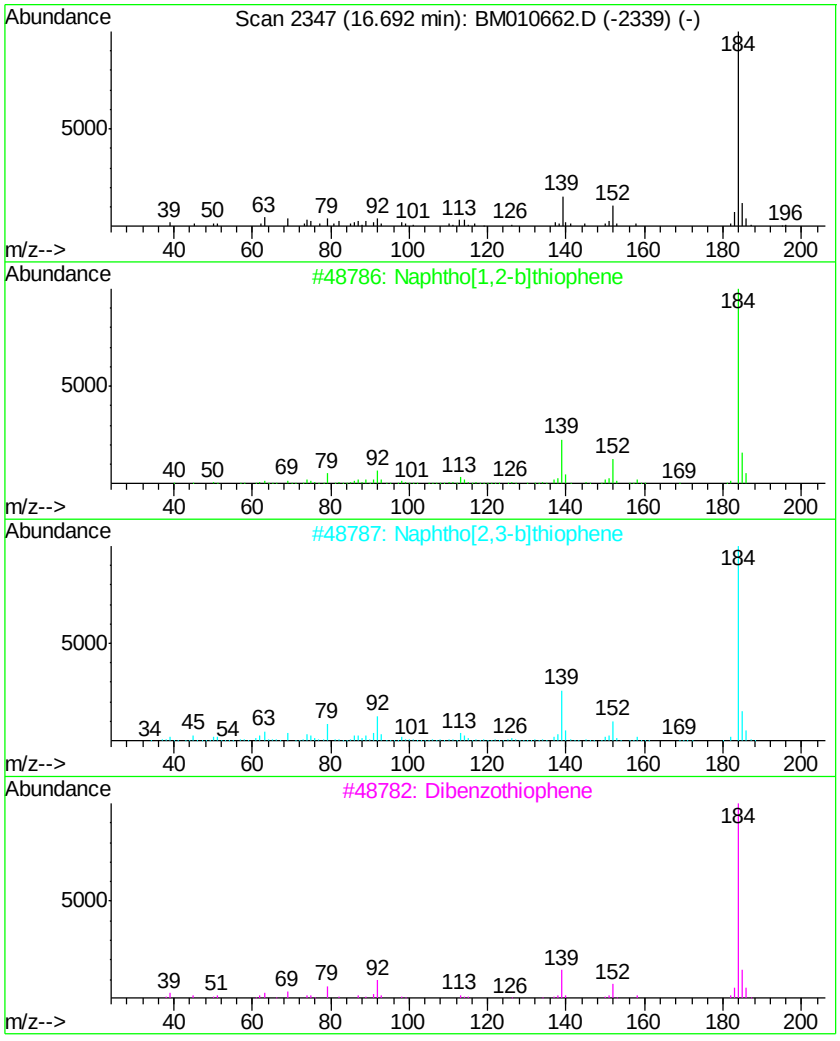
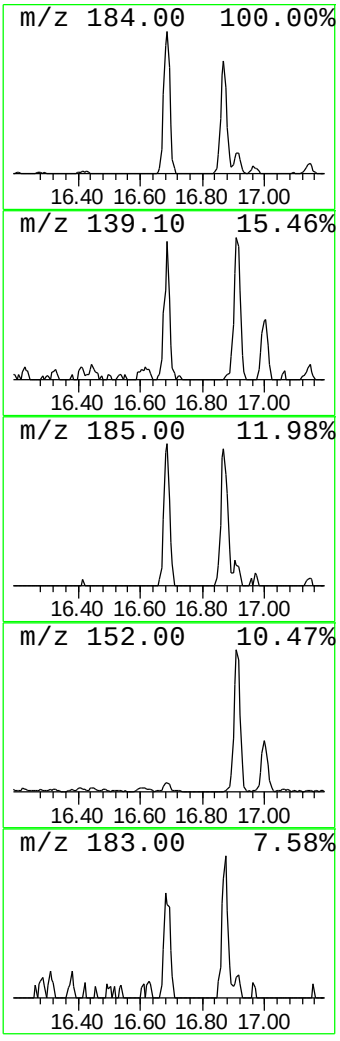
Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.45 ng/ul	180537	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





Library Search Compound Report

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Data File : BM010662.D
Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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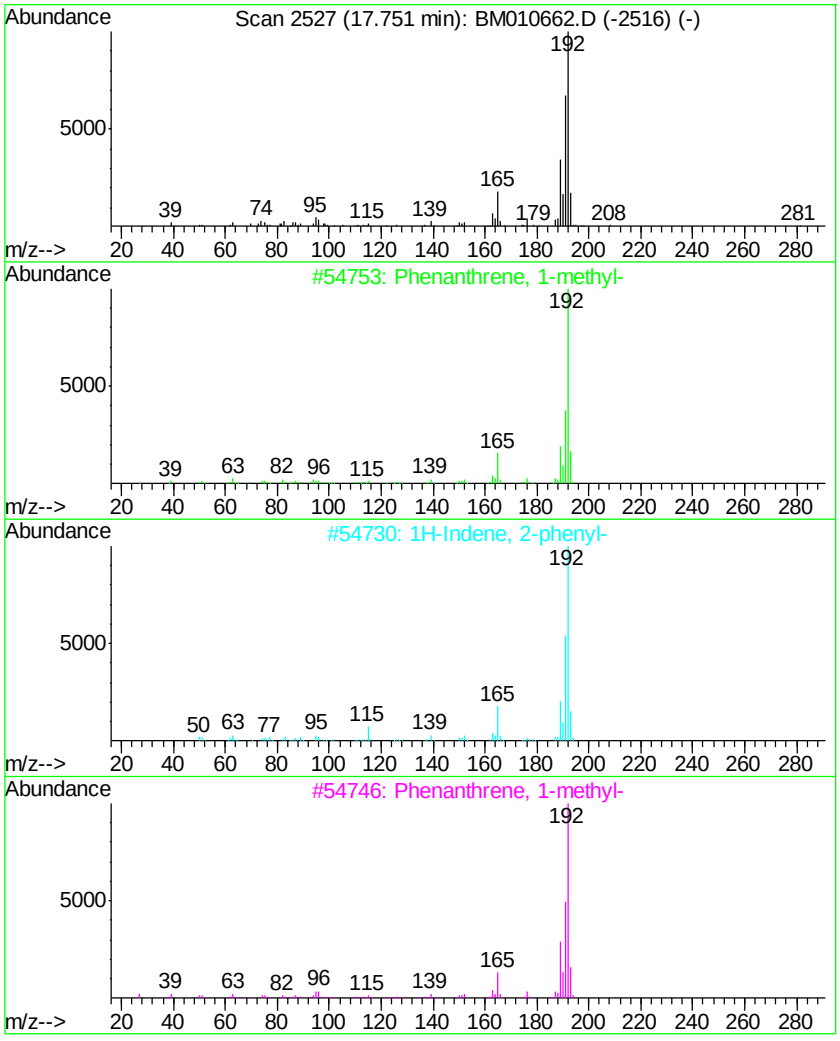
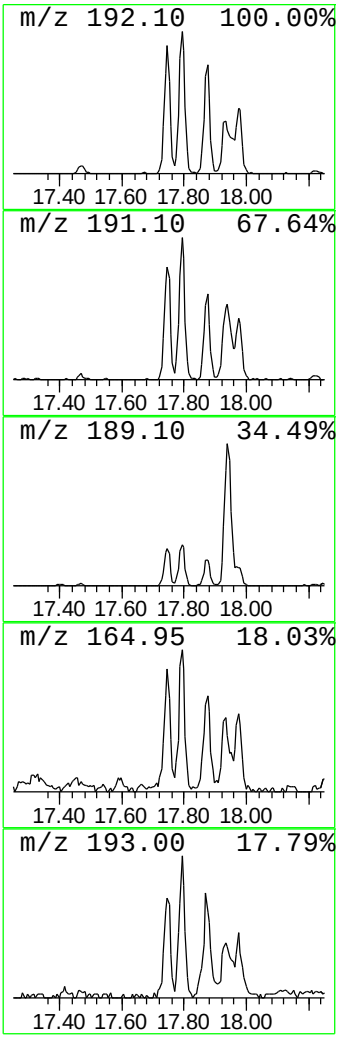
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	6.24 ng/ul	326601	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Acq On : 22 Jun 2017 16:33
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Misc :
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Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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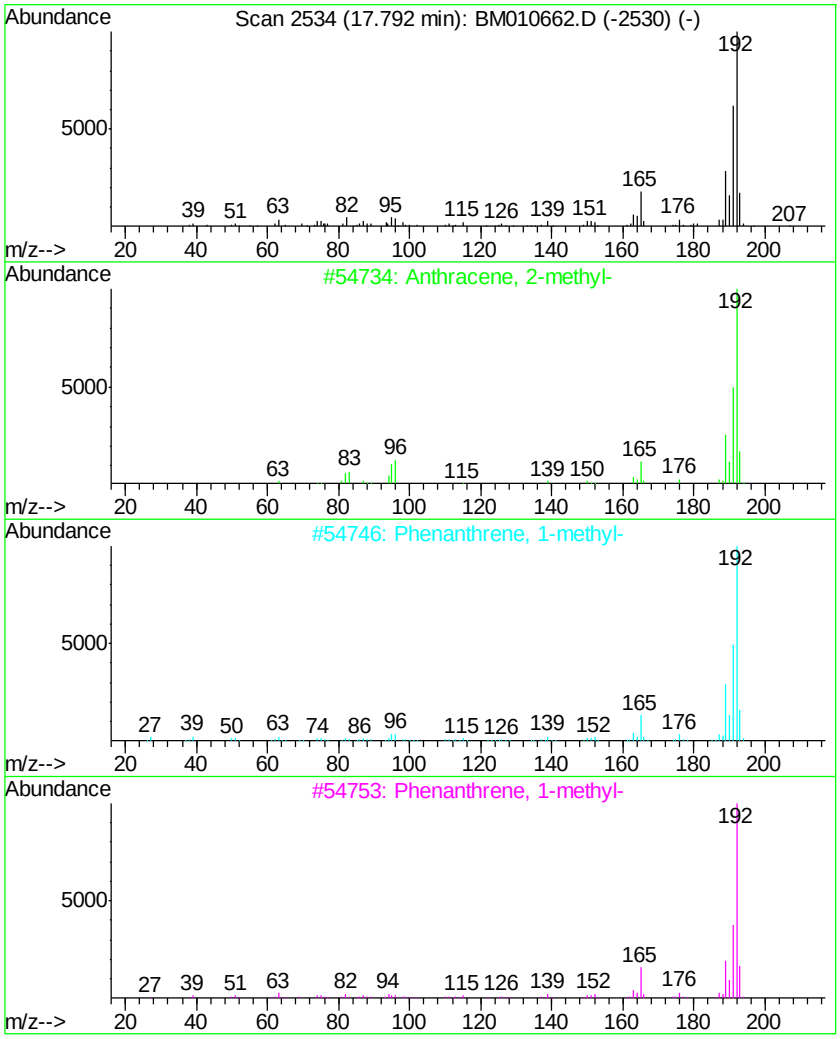
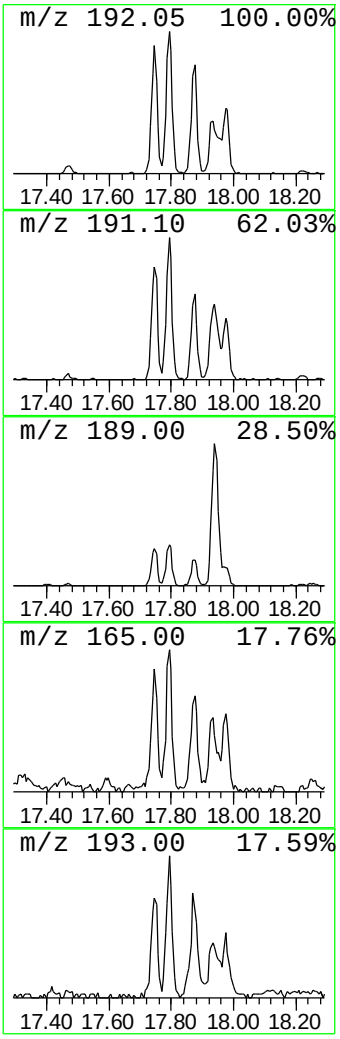
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	7.41 ng/ul	388031	Phenanthrene-d10	16.87

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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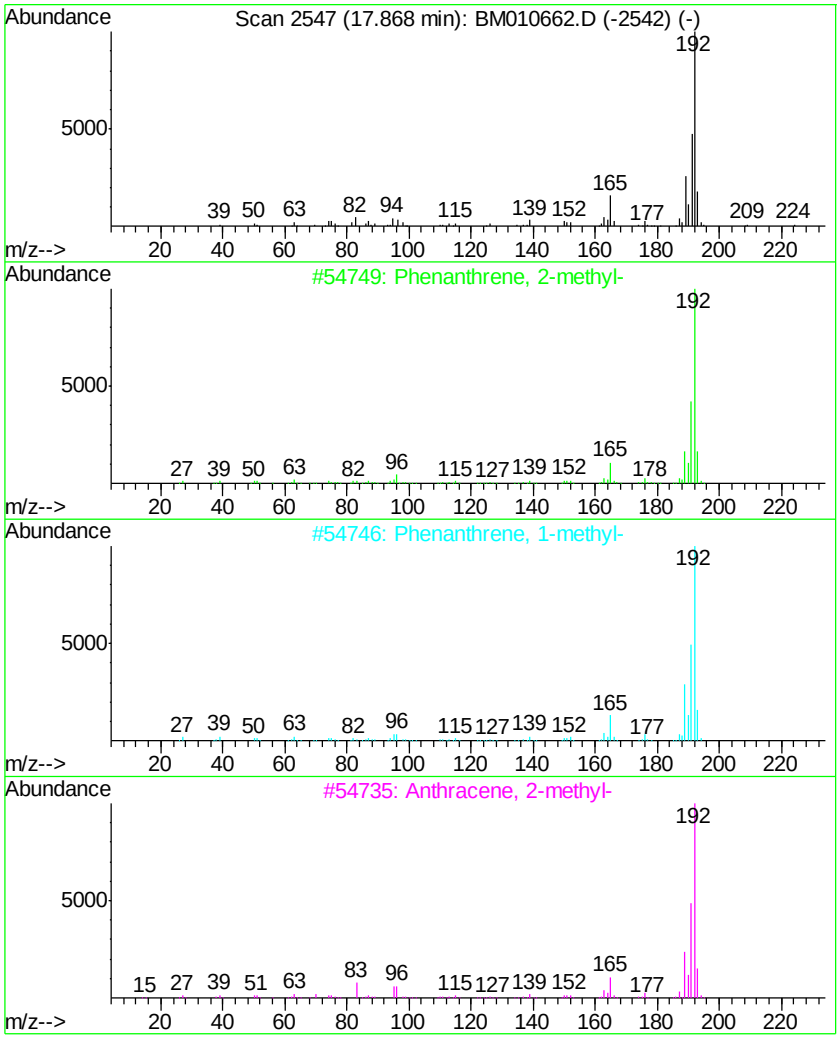
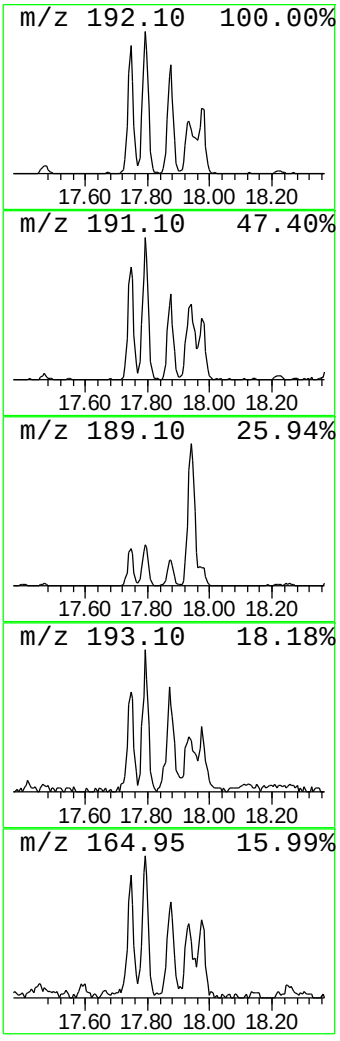
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.27 ng/ul	275692	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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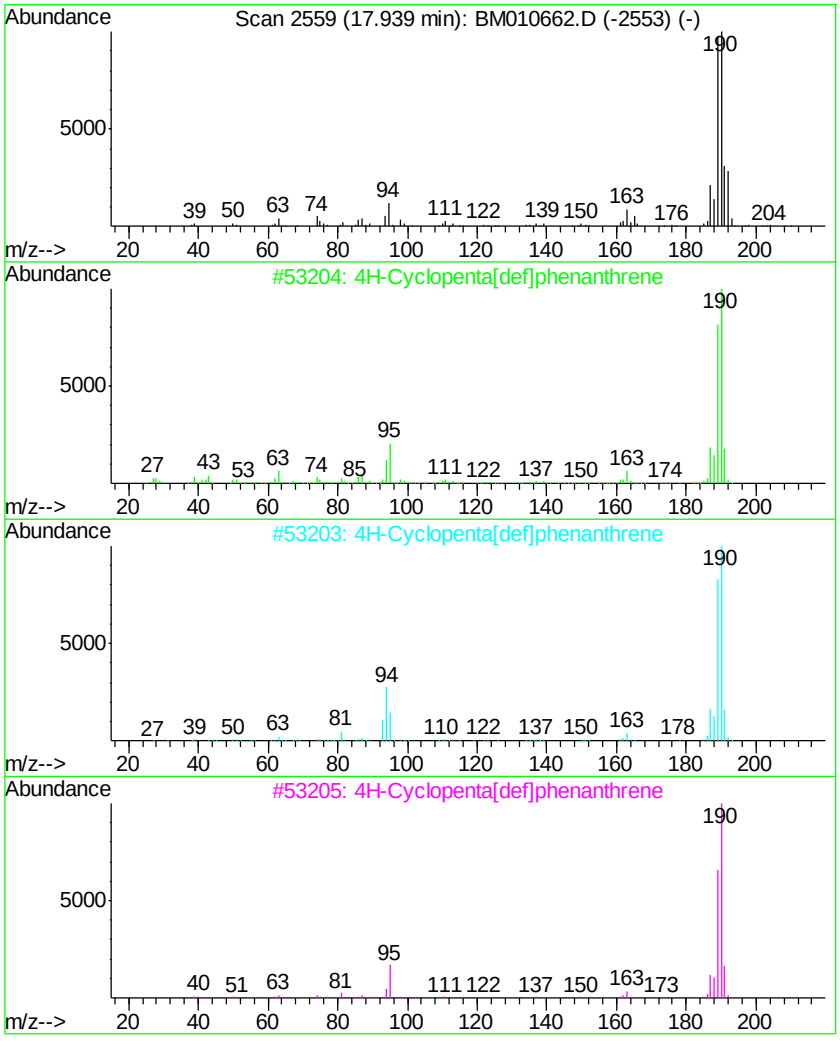
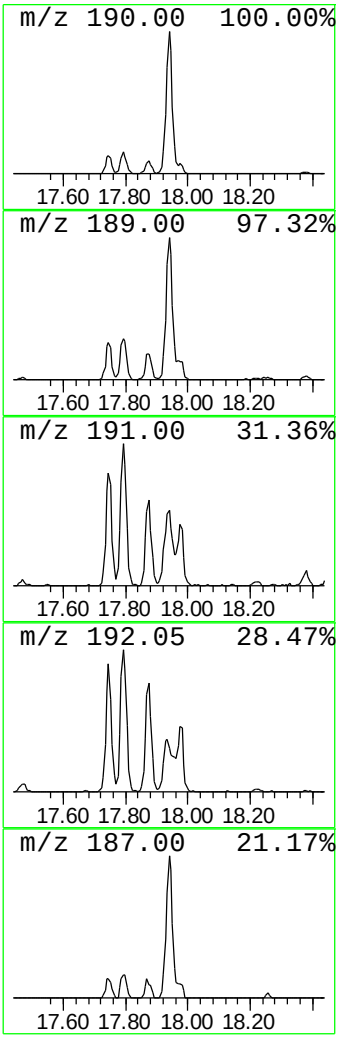
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	11.33 ng/ul	593233	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010662.D
Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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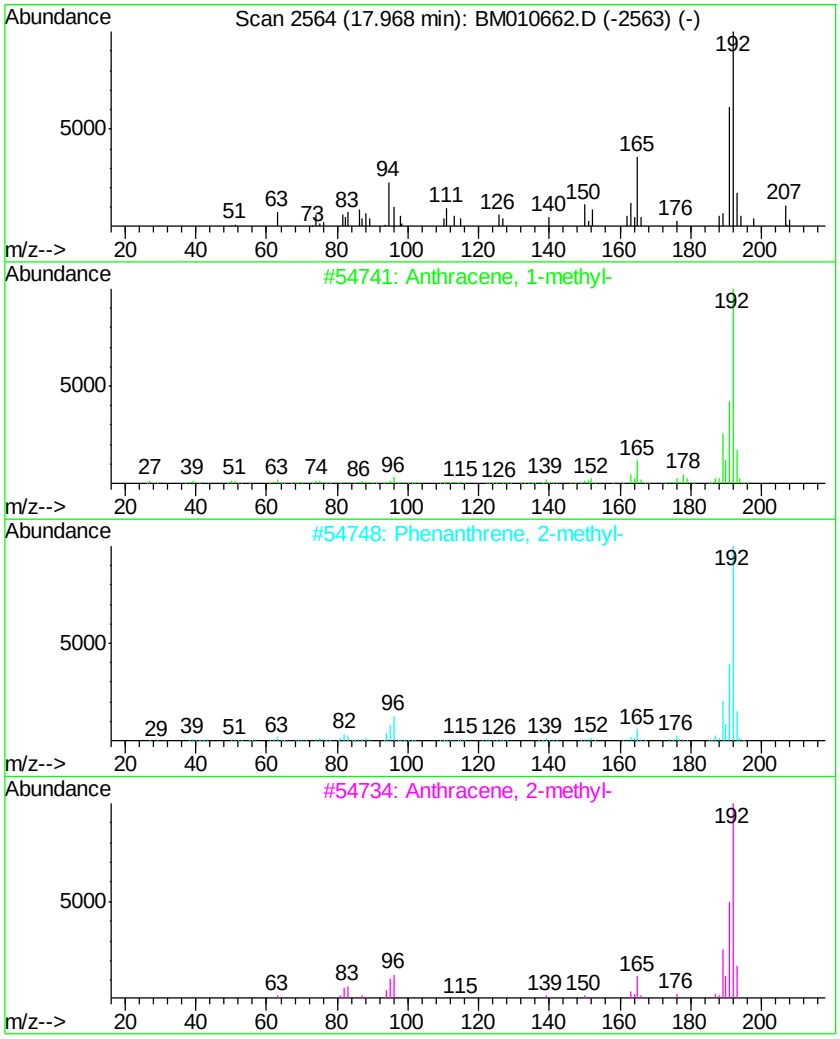
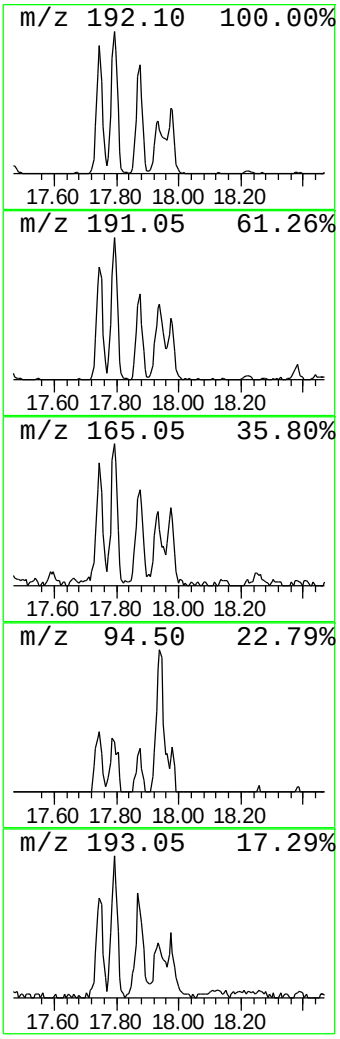
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.97 ng/ul	155654	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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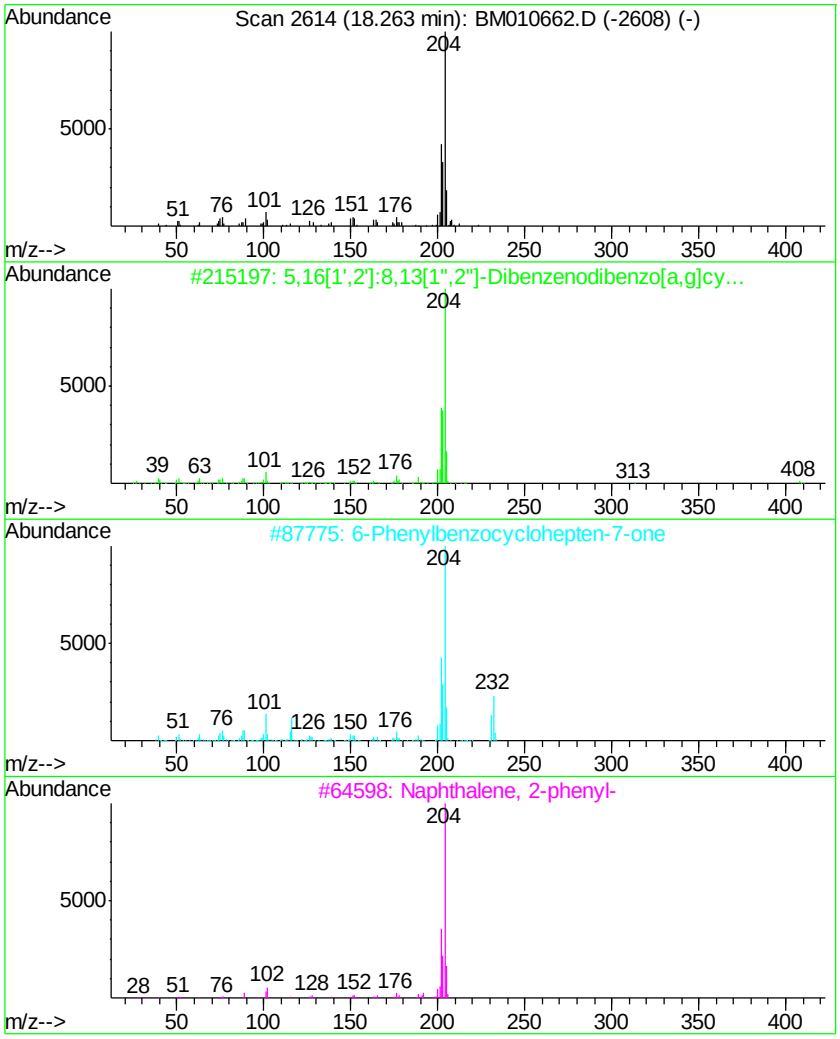
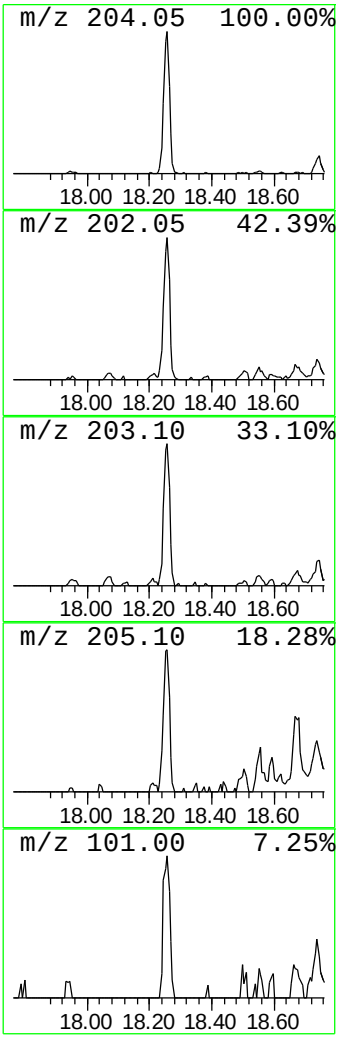
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	4.66 ng/ul	243948	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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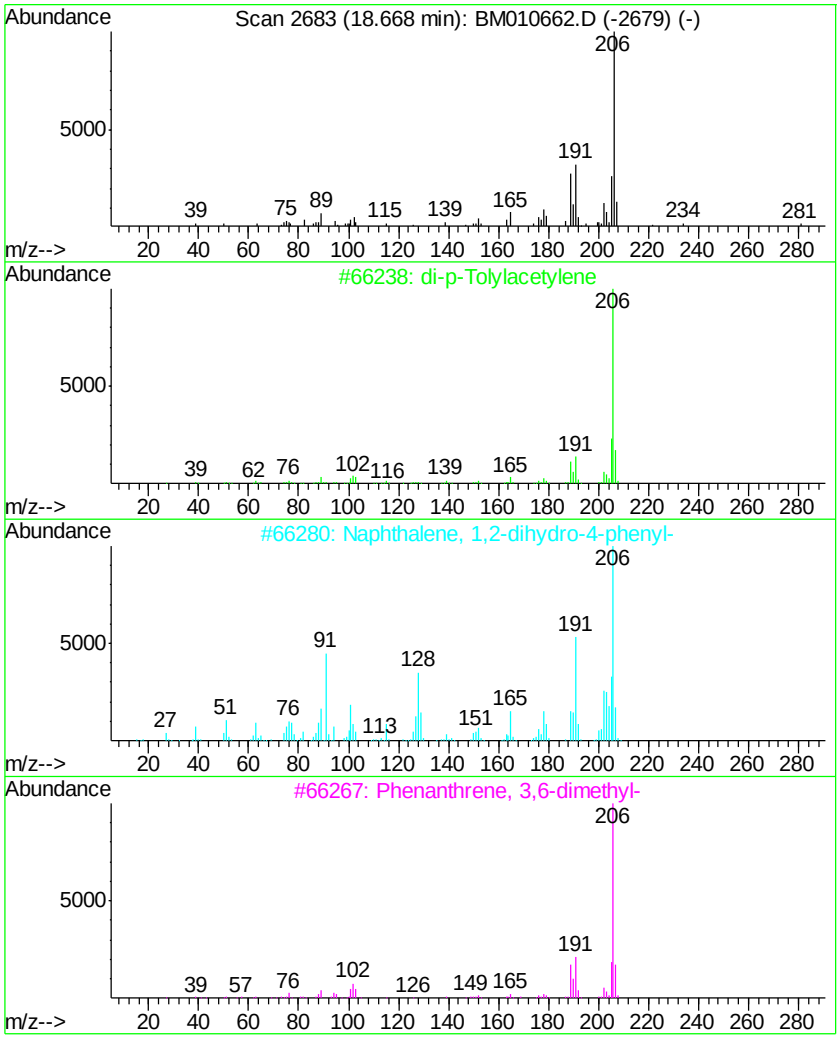
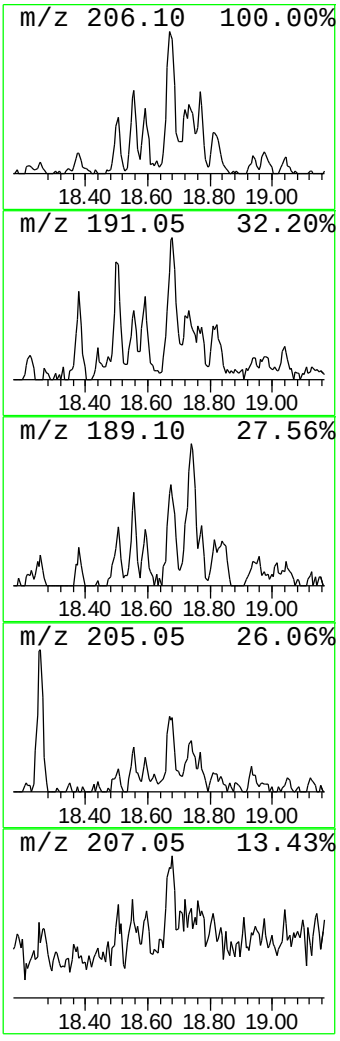
Peak Number 14 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.74 ng/ul	143408	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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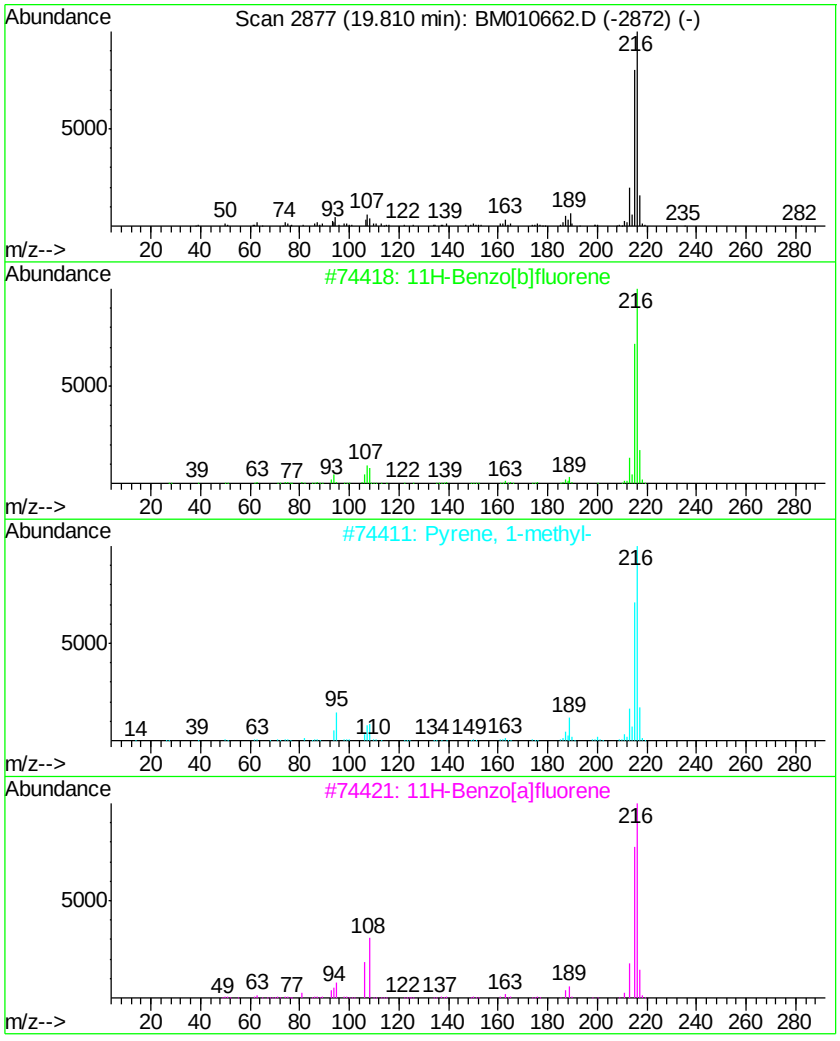
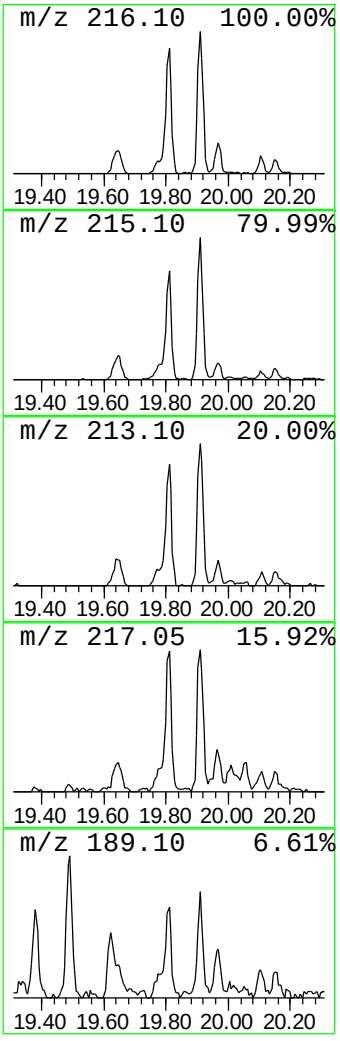
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	4.16 ng/ul	527252	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010662.D
Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-me...	12.12	2.7	ng/ul	69478	2	10.22	520232	20.0
Fluorene, 1,4-dih...	15.33	2.0	ng/ul	81306	3	14.12	803301	20.0
2,4,6-Cycloheptat...	15.47	3.6	ng/ul	145609	3	14.12	803301	20.0
Dibenzofuran, 4-m...	15.62	4.0	ng/ul	210030	4	16.87	1046760	20.0
9H-Fluorene, 2-me...	16.18	3.4	ng/ul	178654	4	16.87	1046760	20.0
Phenol, 4-(2-phen...	16.60	2.3	ng/ul	118043	4	16.87	1046760	20.0
Naphtho[1,2-b]thi...	16.69	3.5	ng/ul	180537	4	16.87	1046760	20.0
Phenanthrene, 1-m...	17.75	6.2	ng/ul	326601	4	16.87	1046760	20.0
Anthracene, 2-met...	17.79	7.4	ng/ul	388031	4	16.87	1046760	20.0
Phenanthrene, 2-m...	17.87	5.3	ng/ul	275692	4	16.87	1046760	20.0
4H-Cyclopenta[def...	17.94	11.3	ng/ul	593233	4	16.87	1046760	20.0
Anthracene, 1-met...	17.97	3.0	ng/ul	155654	4	16.87	1046760	20.0
5,16[1',2']:8,13[...	18.26	4.7	ng/ul	243948	4	16.87	1046760	20.0
di-p-Tolylacetylene	18.67	2.7	ng/ul	143408	4	16.87	1046760	20.0
11H-Benzo[b]fluorene	19.81	4.2	ng/ul	527252	5	21.08	2534680	20.0