LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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	7.457	771	777	784	rVB	253150	374719	15.43%	1.549%
2	10.222	1240	1247	1251	rBV	355840	588507	24.24%	2.432%
3	10.269	1251	1255	1262	rVB	275313	422823	17.41%	1.748%
4	11.892	1524	1531	1537	rVB2	95625	144253	5.94%	0.596%
5	12.116	1559	1569	1576	rBV	117284	176328	7.26%	0.729%
6	12.933	1701	1708	1713	rBV	72934	104806	4.32%	0.433%
7	13.127	1735	1741	1749	rBV	48739	76627	3.16%	0.317%
8	13.263	1757	1764	1766	rBV2	73274	116864	4.81%	0.483%
9	13.427	1784	1792	1797	rBV2	111597	196889	8.11%	0.814%
10	13.474	1797	1800	1805	rVV	33711	45296	1.87%	0.187%
11	13.663	1826	1832	1836	rBV2	57360	82987	3.42%	0.343%
12	13.827	1856	1860	1868	rVB2	47401	69762	2.87%	0.288%
13	14.110	1900	1908	1914	rBV2	599453	919664	37.88%	3.801%
14	14.174	1914	1919	1928	rVB	493545	707828	29.15%	2.925%
15	14.321	1940	1944	1948	rBV4	17135	32872	1.35%	0.136%
16	14.421	1956	1961	1967	rBV3	29535	42346	1.74%	0.175%
17	14.510	1967	1976	1983	rVV	503547	717115	29.54%	2.964%
18	14.592	1984	1990	1995	rVB3	23684	31304	1.29%	0.129%
19	14.739	2006	2015	2020	rBV2	22038	37391	1.54%	0.155%
20	14.792	2020	2024	2028	rVB3	27487	36189	1.49%	0.150%
21	14.910	2037	2044	2047	rBV4	18762	36581	1.51%	0.151%
22	15.110	2073	2078	2082	rBV3	25605	37086	1.53%	0.153%
23	15.163	2082	2087	2093	rBV	730767	995376	41.00%	4.114%
24	15.262	2099	2104	2106	rBV3	21181	31408	1.29%	0.130%
25	15.292	2106	2109	2112	rVV	39529	53688	2.21%	0.222%
26	15.327	2112	2115	2120	rVV2	75613	100292	4.13%	0.415%
27	15.415	2126	2130	2134	rVV2	38119	56548	2.33%	0.234%
28	15.462	2134	2138	2146	rVB	108867	145205	5.98%	0.600%
29	15.610	2158	2163	2171	rVB	111280	204338	8.42%	0.845%
30	15.698	2171	2178	2184	rVB5	19133	35497	1.46%	0.147%
31	15.839	2198	2202	2207	rVB5	21251	31232	1.29%	0.129%
32	15.962	2217	2223	2230	rBV5	21574	37373	1.54%	0.154%
33	16.174	2248	2259	2264	rBV3	67958	157853	6.50%	0.652%
34	16.221	2264	2267	2272	rVB3	32177	40679	1.68%	0.168%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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

35	16.321	2279	2284	2290	rVB4	32696	51058	2.10%	0.211%
36	16.404	2295	2298	2301	rVV2	22756	29373	1.21%	0.121%
37	16.445	2301	2305	2308	rVB4	29808	36448	1.50%	0.151%
38	16.604	2325	2332	2339	rBV4	34724	86602	3.57%	0.358%
39	16.680	2341	2345	2351	rVB	122996	161829	6.67%	0.669%
40	16.862	2370	2376	2380	rBV2	806980	1190289	49.02%	4.919%
41	16.909	2380	2384	2390	rVV	1749708	2427989	100.00%	10.035%
42	16.998	2390	2399	2404	rVV	1184008	1580609	65.10%	6.533%
43	17.056	2404	2409	2415	rVB3	26740	43333	1.78%	0.179%
44	17.268	2440	2445	2450	rBV	359811	502423	20.69%	2.076%
45	17.392	2462	2466	2471	rBV2	27652	34786	1.43%	0.144%
46	17.739	2515	2525	2529	rBV	141082	196811	8.11%	0.813%
47	17.786	2529	2533	2540	rVB	177579	244223	10.06%	1.009%
48	17.868	2540	2547	2552	rBV	107554	152828	6.29%	0.632%
49	17.933	2552	2558	2562	rVV2	227396	392601	16.17%	1.623%
50	17.968	2562	2564	2572	rVV	82784	106178	4.37%	0.439%
51	18.045	2573	2577	2581	rVV	22600	30464	1.25%	0.126%
52	18.092	2581	2585	2589	rVB	24097	33433	1.38%	0.138%
53	18.251	2607	2612	2617	rBV	106106	131853	5.43%	0.545%
54	18.498	2646	2654	2659	rBV3	22950	37292	1.54%	0.154%
55	18.545	2659	2662	2666	rVB3	19806	26650	1.10%	0.110%
56	18.586	2666	2669	2674	rVB4	19591	26178	1.08%	0.108%
57	18.668	2676	2683	2689	rBV2	47654	88959	3.66%	0.368%
58	18.733	2689	2694	2698	rBV3	29324	54668	2.25%	0.226%
59	18.939	2723	2729	2736	rBV	1247435	1681315	69.25%	6.949%
60	19.003	2736	2740	2744	rVV3	83607	113113	4.66%	0.467%
61	19.039	2744	2746	2750	rVV5	23146	33459	1.38%	0.138%
62	19.180	2764	2770	2774	rVB3	28958	41337	1.70%	0.171%
63	19.298	2781	2790	2795	rBV2	800328	1416109	58.32%	5.853%
64	19.374	2800	2803	2811	rVB2	45294	73911	3.04%	0.305%
65	19.486	2818	2822	2827	rBV	63997	73571	3.03%	0.304%
66	19.545	2829	2832	2839	rVB6	17029	26602	1.10%	0.110%
67	19.633	2841	2847	2853	rBV4	50139	124592	5.13%	0.515%
68	19.686	2853	2856	2860	rVB2	26174	28924	1.19%	0.120%
69	19.768	2866	2870	2872	rBV3	36828	53366	2.20%	0.221%
70	19.803	2872	2876	2881	rVB	203033	269549	11.10%	1.114%
71	19.909	2888	2894	2897	rBV	210632	280706	11.56%	1.160%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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

72	19.962	2897	2903	2907	rVV3	82862	139332	5.74%	0.576%
73	20.003	2907	2910	2914	rVV2	30940	37843	1.56%	0.156%
74	20.103	2923	2927	2931	rBV	31907	41821	1.72%	0.173%
75	20.145	2931	2934	2941	rVV3	32727	50854	2.09%	0.210%
76	20.333	2959	2966	2969	rBV5	18134	31070	1.28%	0.128%
77	20.403	2973	2978	2980	rBV4	22079	30127	1.24%	0.125%
78	20.515	2993	2997	3002	rBV5	32839	60194	2.48%	0.249%
79	20.574	3004	3007	3010	rVV5	21575	32242	1.33%	0.133%
80	20.721	3027	3032	3036	rBV	73201	109182	4.50%	0.451%
81	20.762	3036	3039	3042	rVV2	59332	74995	3.09%	0.310%
82	20.809	3042	3047	3055	rVB3	41098	95076	3.92%	0.393%
83	20.962	3068	3073	3077	rBV2	26878	42980	1.77%	0.178%
84	21.080	3085	3093	3096	rBV2	1288285	2054985	84.64%	8.493%
85	21.115	3096	3099	3106	rVB	336547	423283	17.43%	1.749%
86	21.233	3115	3119	3123	rBV3	63706	85055	3.50%	0.352%
87	21.344	3134	3138	3141	rBV	79603	95060	3.92%	0.393%
88	21.392	3142	3146	3151	rVB2	46750	81533	3.36%	0.337%
89	21.615	3182	3184	3187	rVB2	56124	54369	2.24%	0.225%
90	21.668	3190	3193	3198	rVB3	36226	47951	1.97%	0.198%
91	21.803	3213	3216	3219	rBV4	27806	34934	1.44%	0.144%
92	21.839	3219	3222	3228	rVB5	45134	57935	2.39%	0.239%
93	22.586	3344	3349	3354	rBV2	139834	325795	13.42%	1.346%
94	23.033	3421	3425	3430	rVB	65497	100799	4.15%	0.417%
95	23.127	3436	3441	3449	rVB	114399	216192	8.90%	0.894%
96	23.215	3450	3456	3463	rBV	627710	1100995	45.35%	4.550%

Sum of corrected areas: 24195759

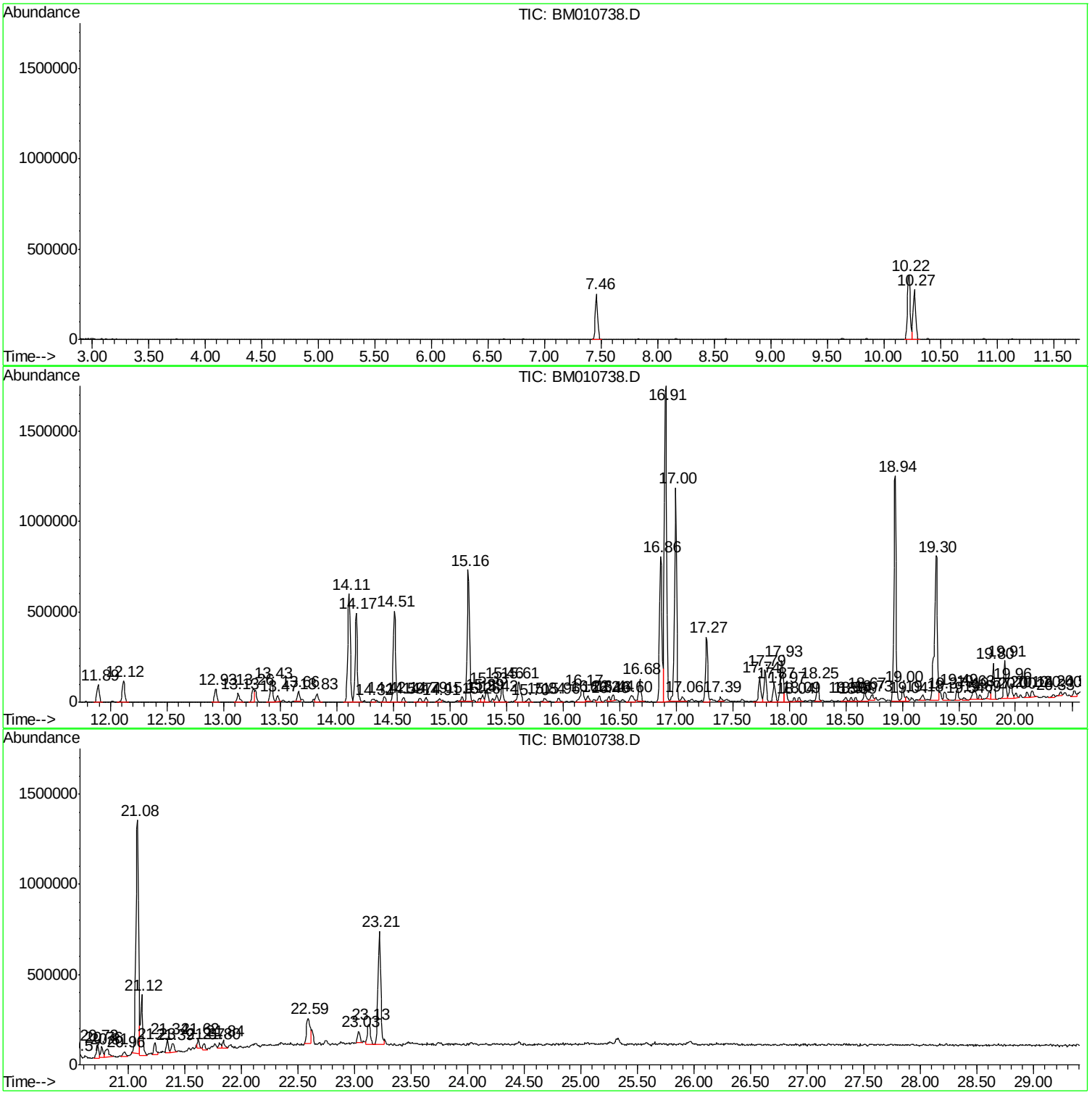
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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

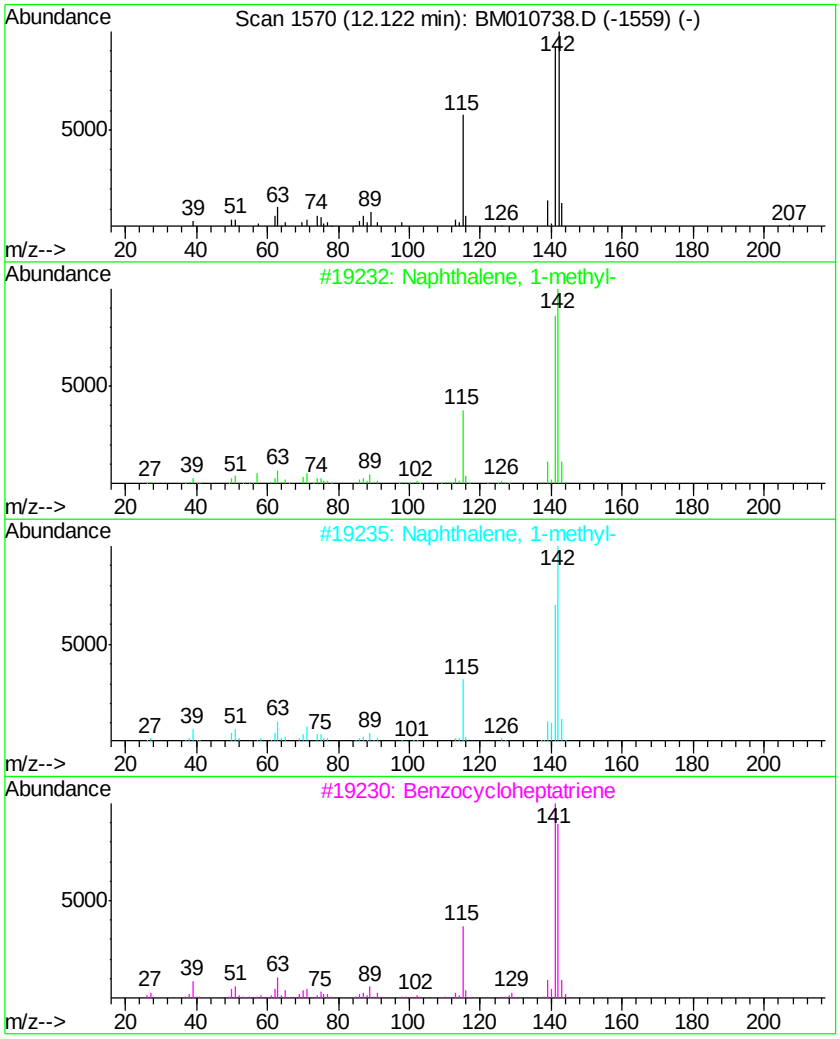
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

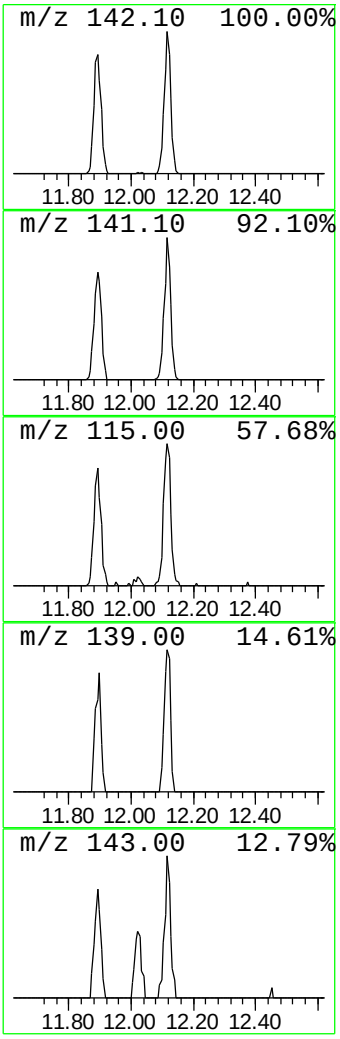
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.99 ng/ul	176328	Naphthalene-d8	10.22

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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

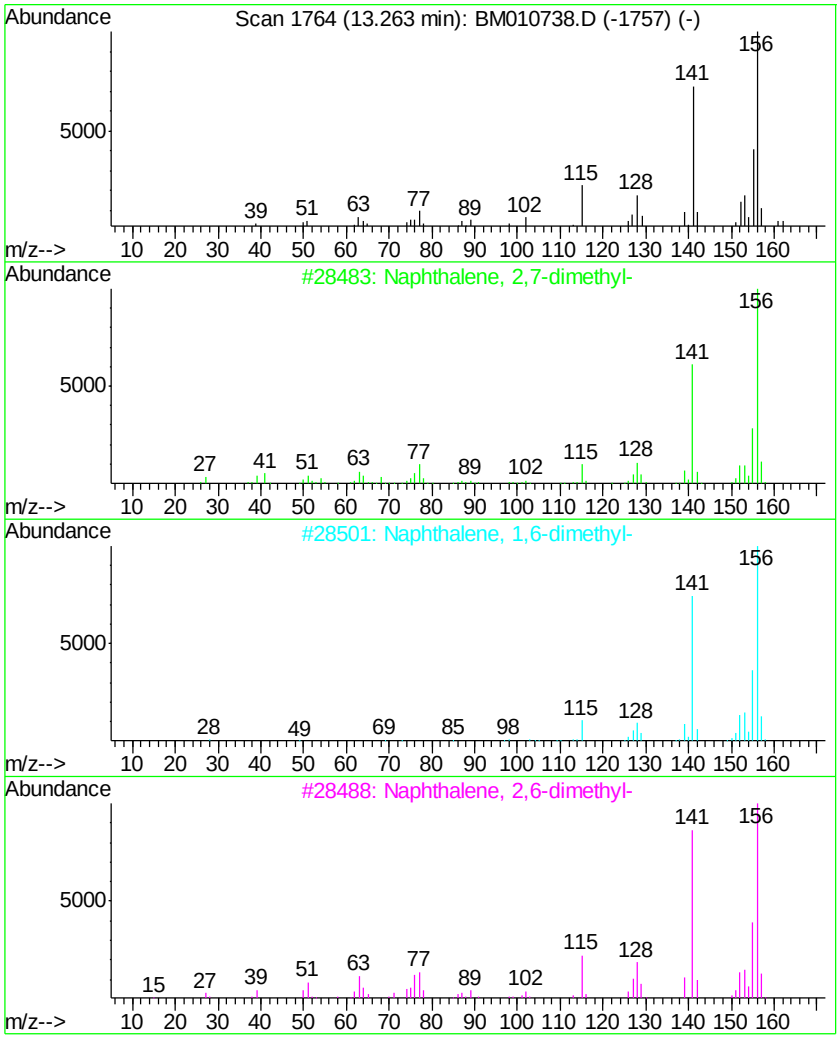
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

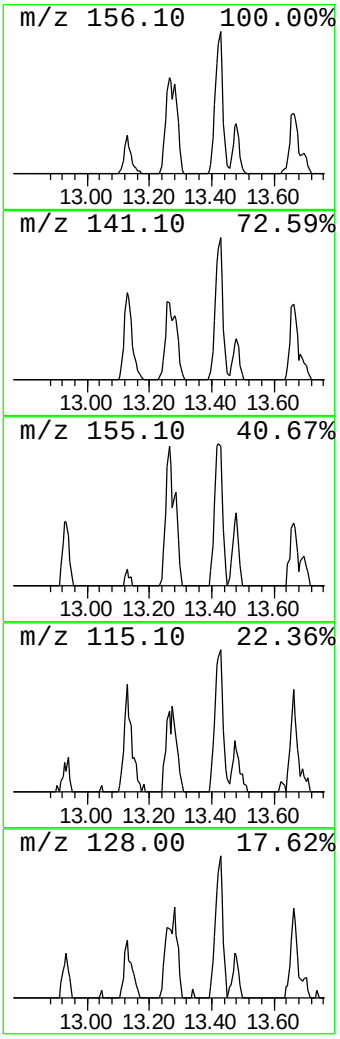
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.54 ng/ul	116864	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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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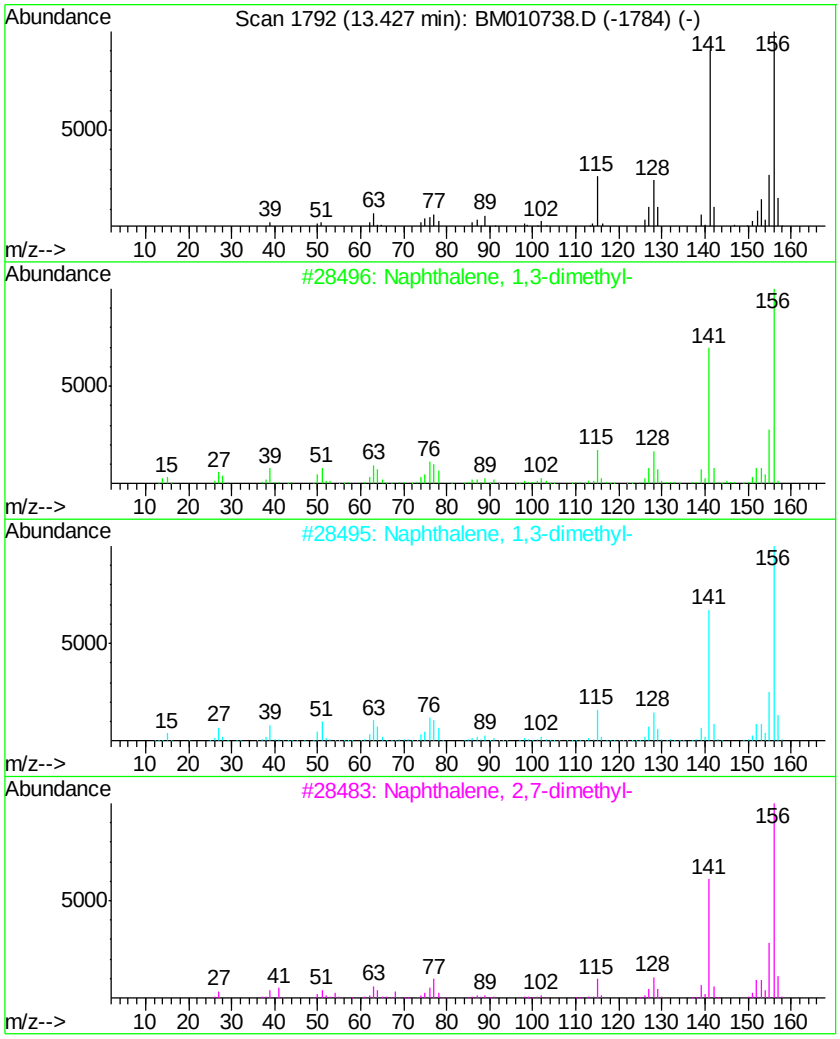
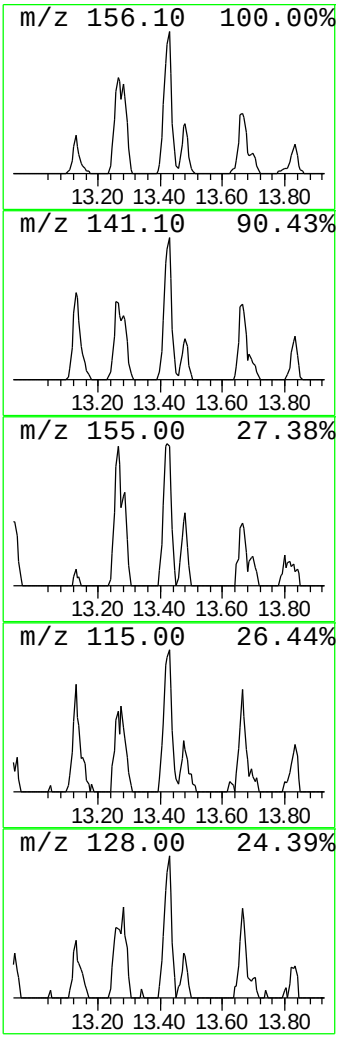
Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	4.28 ng/ul	196889	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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

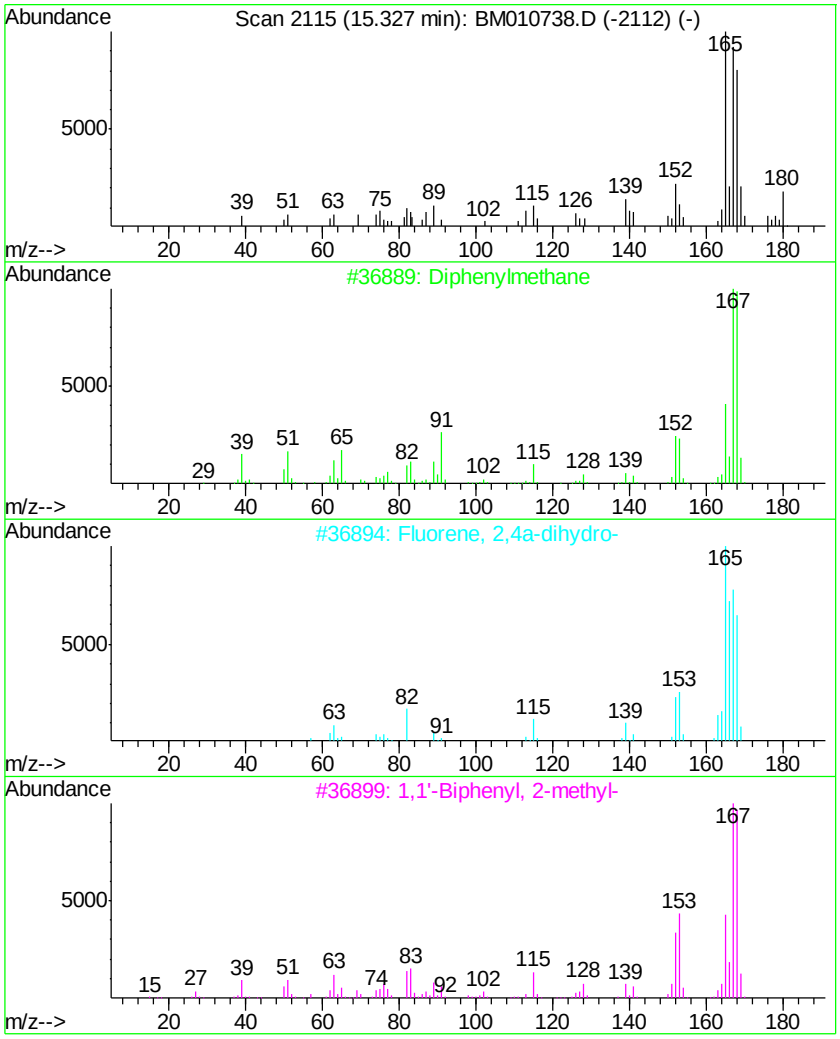
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

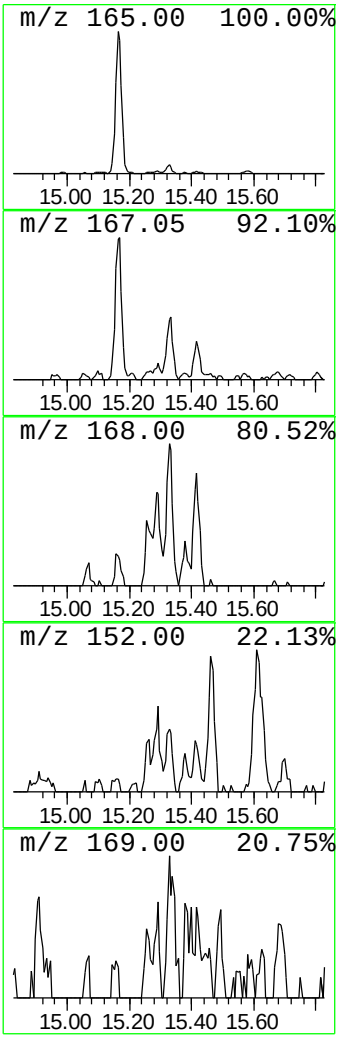
****

Peak Number 4 Diphenylmethane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.18 ng/ul	100292	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	53
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	46
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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

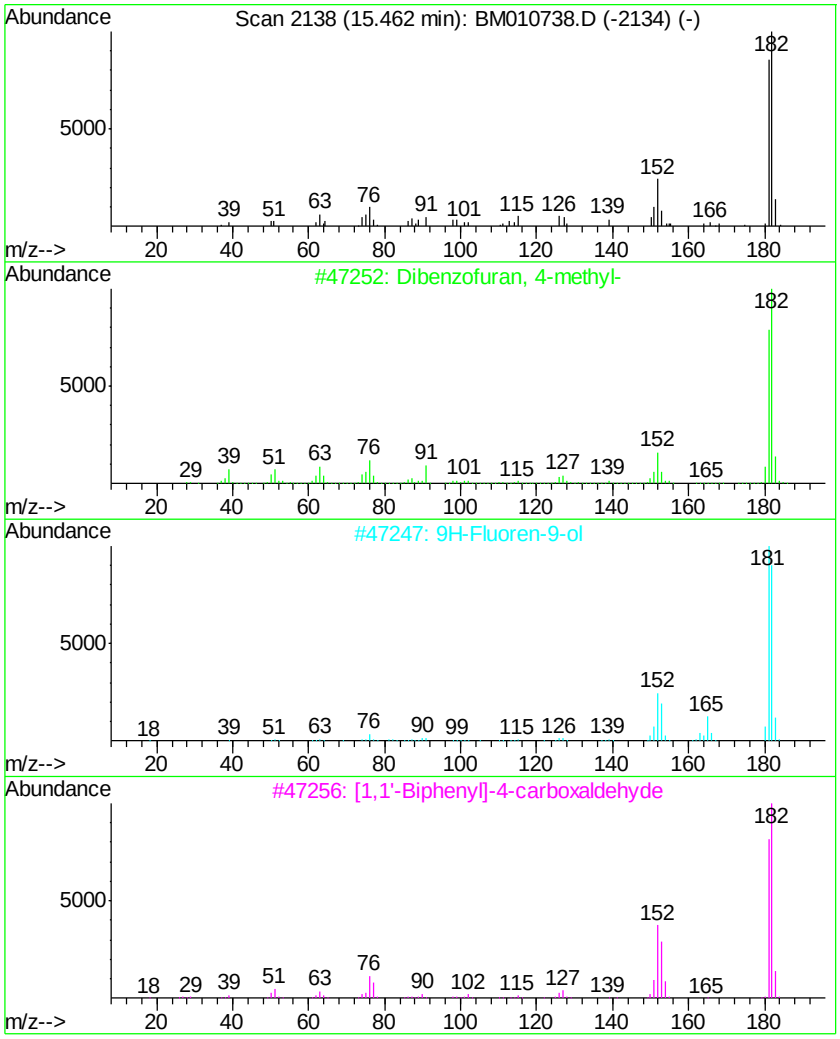
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

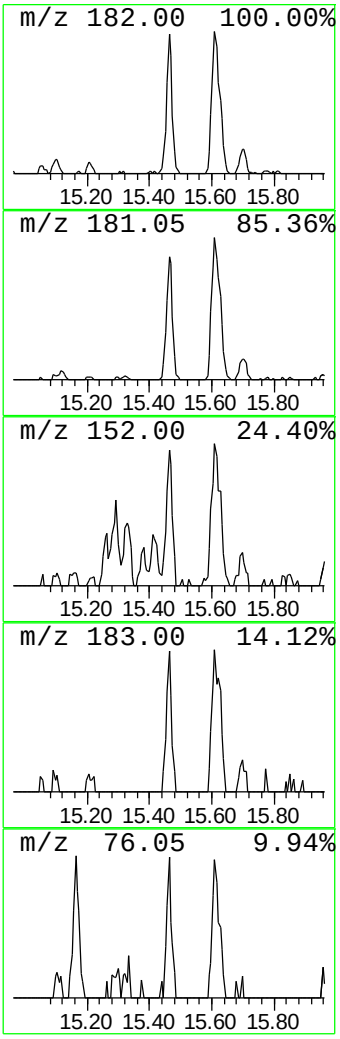
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.16 ng/ul	145205	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	72
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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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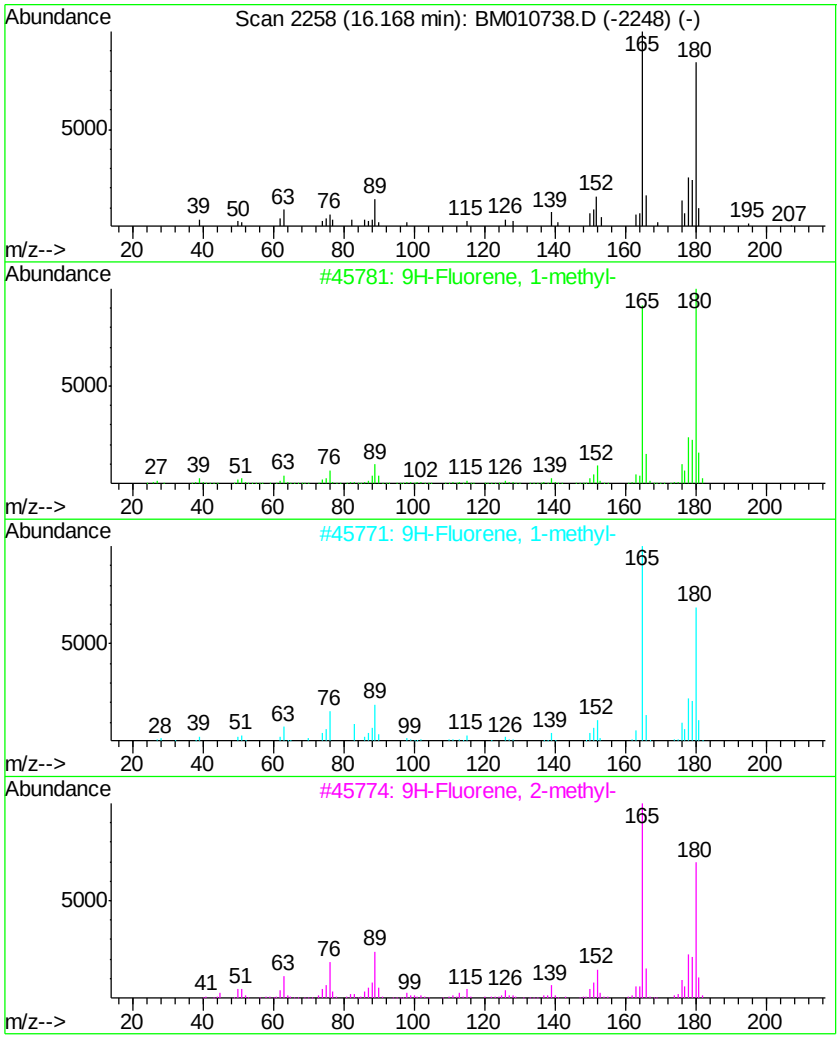
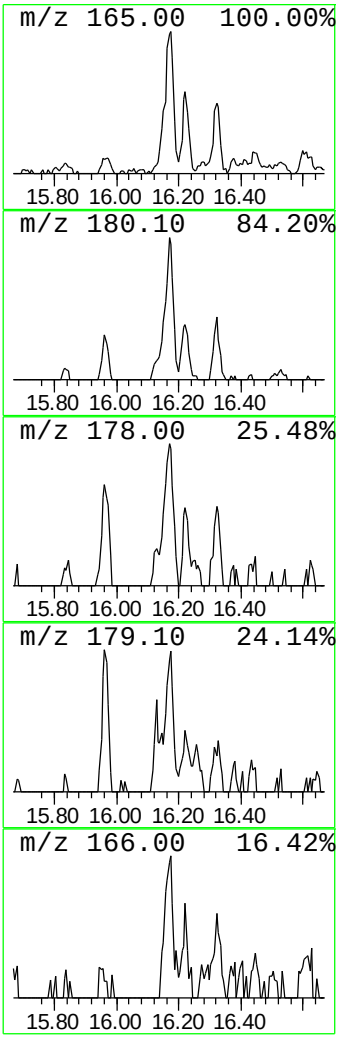
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.65 ng/ul	157853	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





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Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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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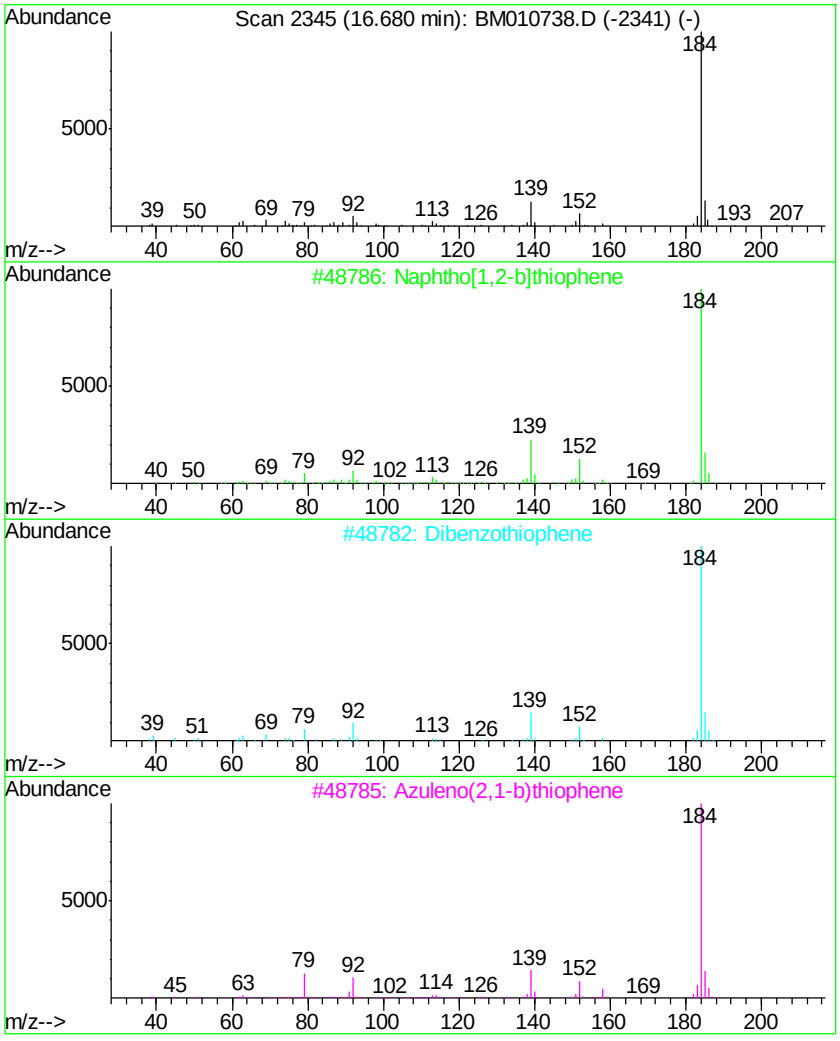
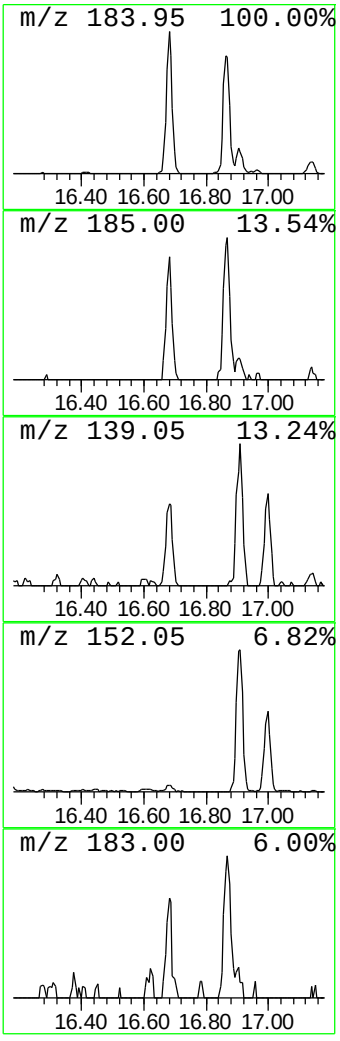
Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.72 ng/ul	161829	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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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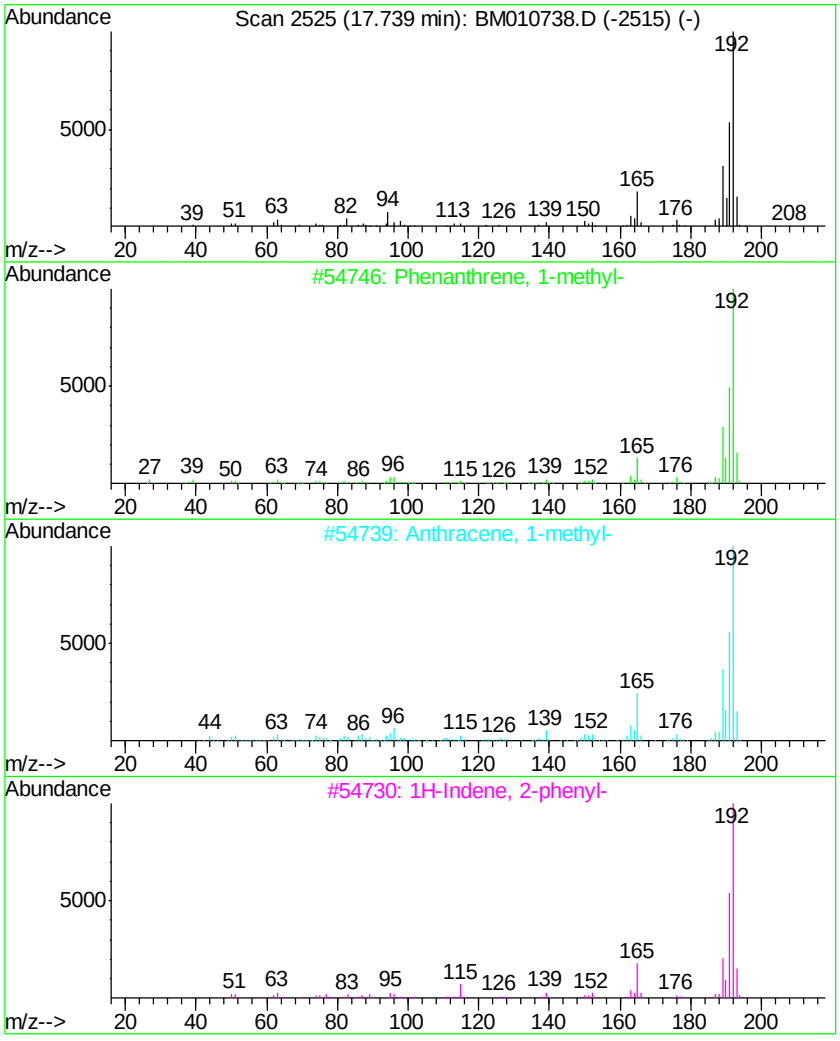
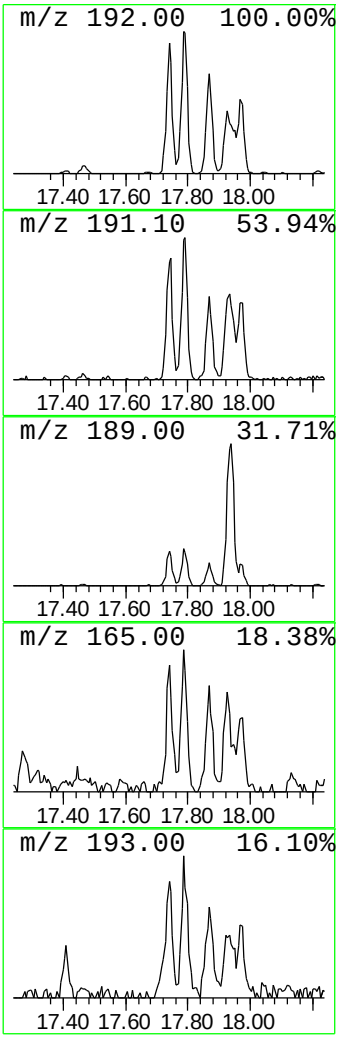
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	3.31 ng/ul	196811	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010738.D
Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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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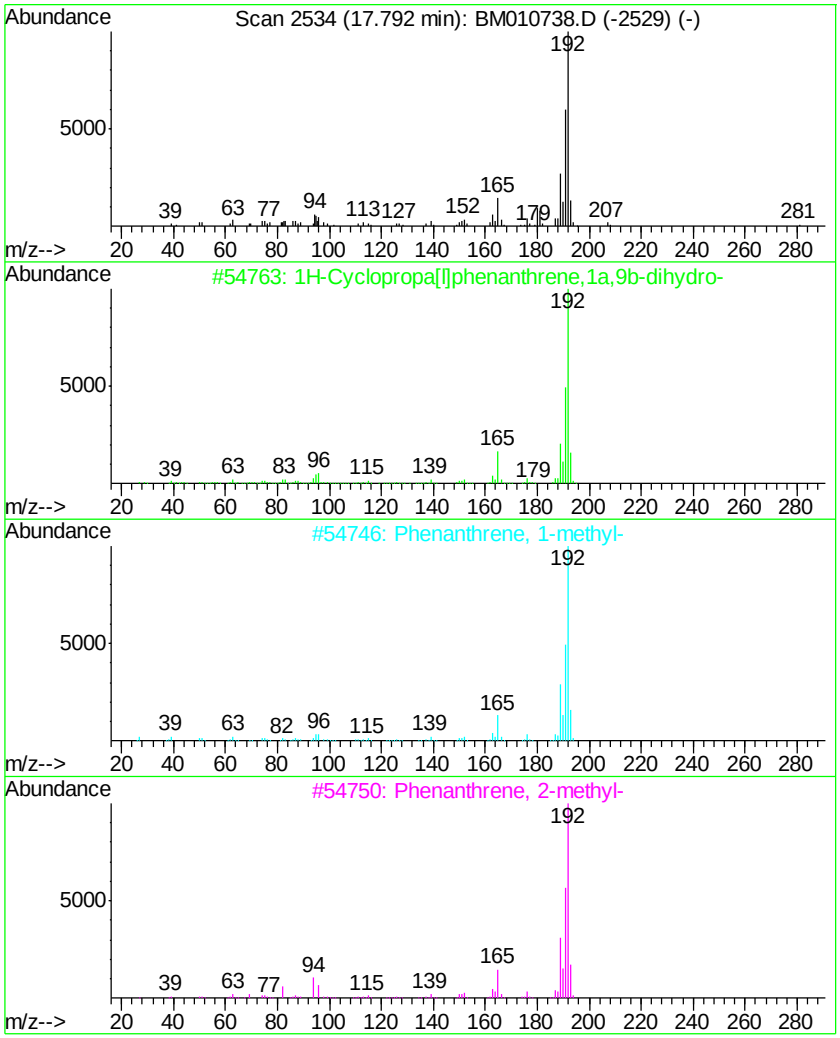
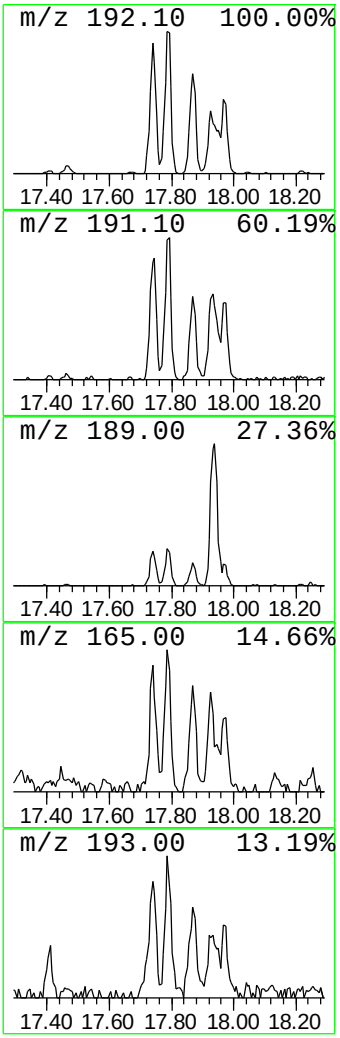
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.10 ng/ul	244223	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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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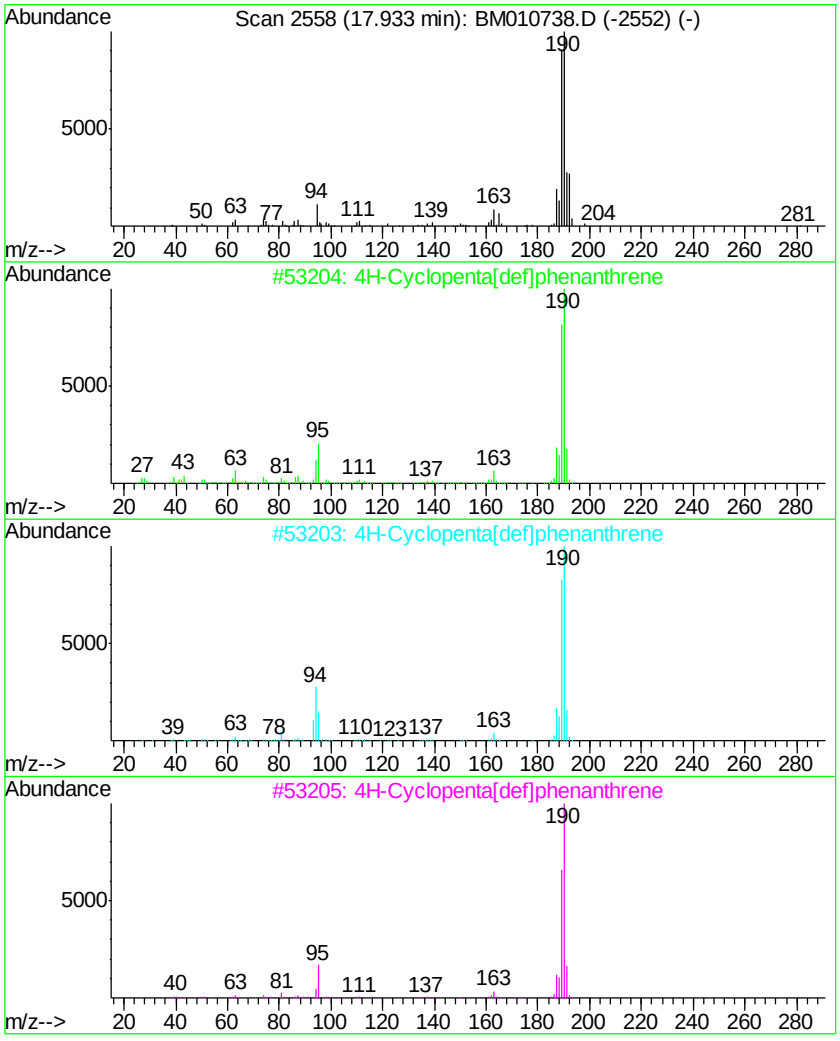
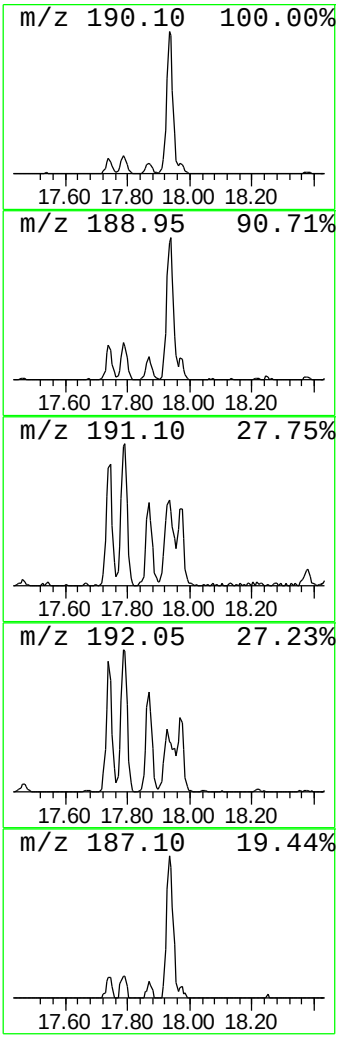
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	6.60 ng/ul	392601	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5	5,8-Quinoxalinediol, 2,3-dimethyl-	190	C10H10N2O2	007698-00-2	16





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Acq On : 24 Jun 2017 20:03
Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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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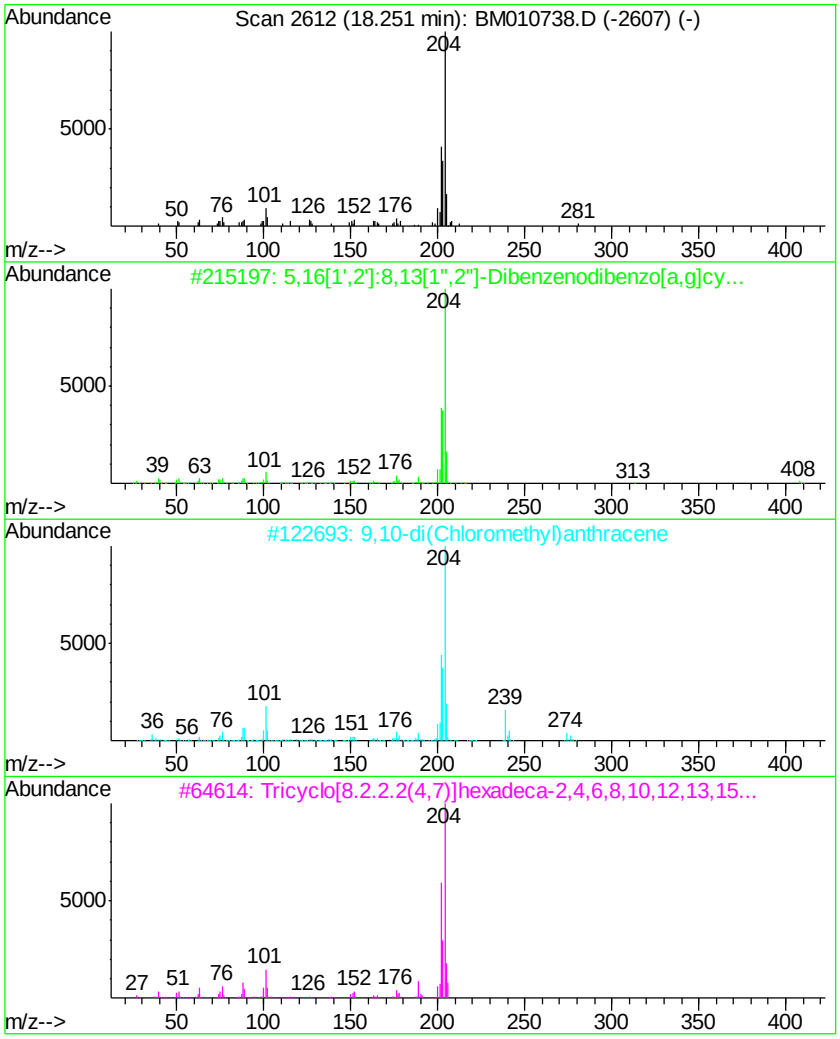
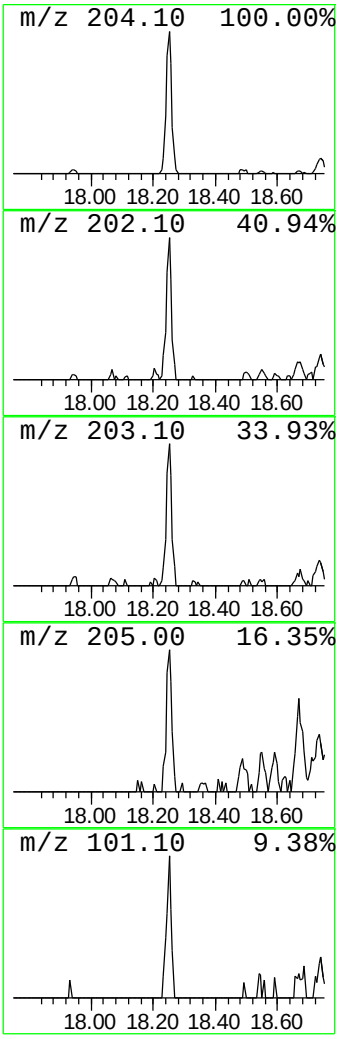
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.22 ng/ul	131853	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Sample : I3653-07DL 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C50DL

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

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TIC Integration Parameters: LSCINT.P

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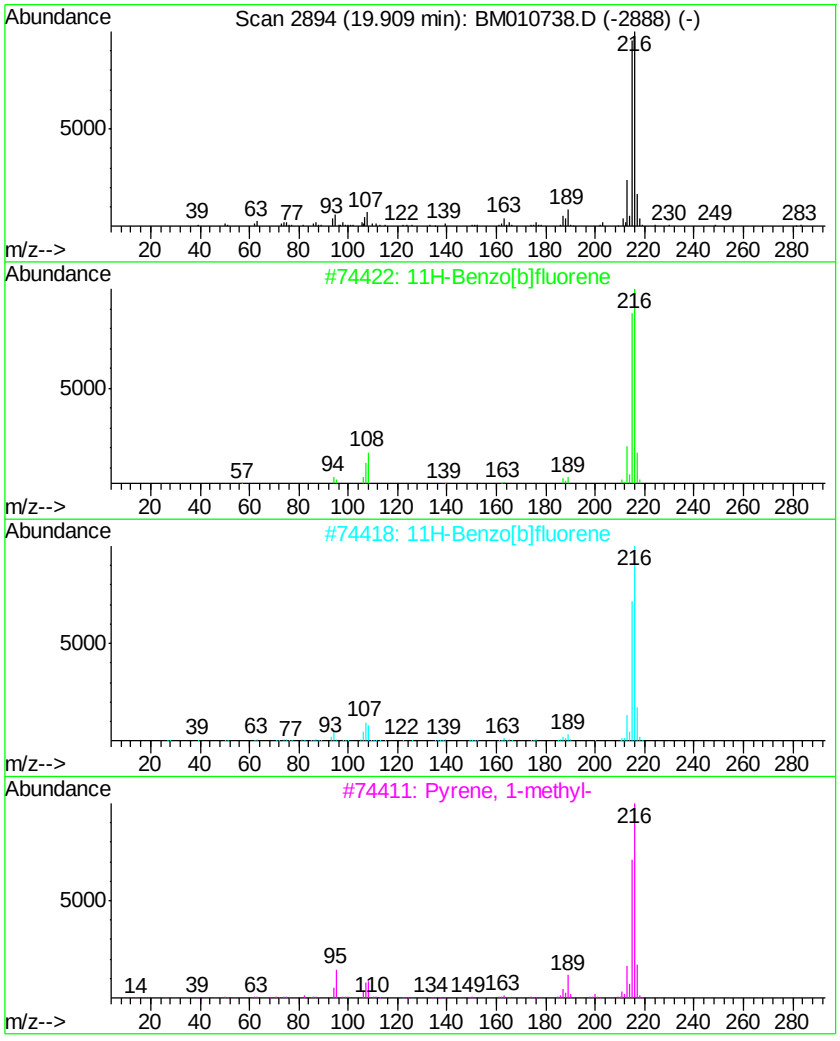
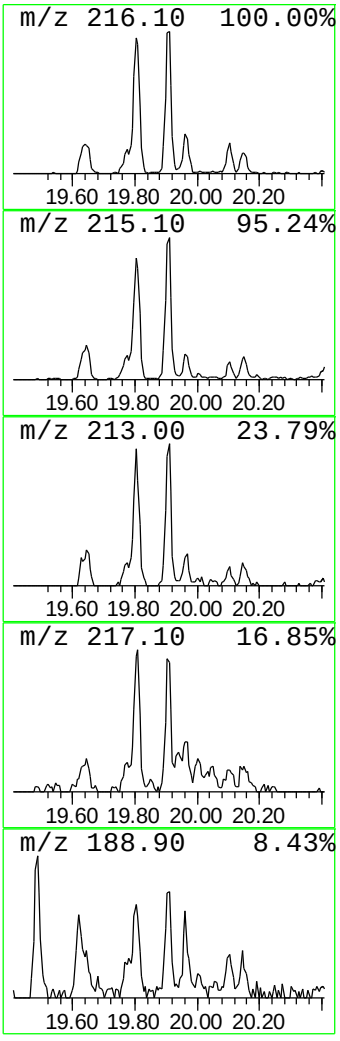
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.73 ng/ul	280706	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





Tentatively Identified Compound (LSC) summary

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Data File : BM010738.D
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Operator : SJ/JU
Sample : I3653-07DL 30X
Misc :
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Instrument : BNA_M
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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	6.0	ng/ul	176328	2	10.22	588507	20.0
Naphthalene, 2,7-...	13.26	2.5	ng/ul	116864	3	14.11	919664	20.0
Naphthalene, 1,3-...	13.43	4.3	ng/ul	196889	3	14.11	919664	20.0
Diphenylmethane	15.33	2.2	ng/ul	100292	3	14.11	919664	20.0
Dibenzofuran, 4-m...	15.46	3.2	ng/ul	145205	3	14.11	919664	20.0
9H-Fluorene, 1-me...	16.17	2.6	ng/ul	157853	4	16.86	1190290	20.0
Naphtho[1,2-b]thi...	16.68	2.7	ng/ul	161829	4	16.86	1190290	20.0
Phenanthrene, 1-m...	17.74	3.3	ng/ul	196811	4	16.86	1190290	20.0
1H-Cyclopropa[l]p...	17.79	4.1	ng/ul	244223	4	16.86	1190290	20.0
4H-Cyclopenta[def...	17.93	6.6	ng/ul	392601	4	16.86	1190290	20.0
5,16[1',2']:8,13[...	18.25	2.2	ng/ul	131853	4	16.86	1190290	20.0
11H-Benzo[b]fluorene	19.91	2.7	ng/ul	280706	5	21.08	2054990	20.0