LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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	6.646	631	639	646	rBV	114183	176983	6.33%	0.550%
2	6.810	661	667	673	rBV	80997	120872	4.33%	0.375%
3	6.998	692	699	705	rVB	110835	170039	6.08%	0.528%
4	7.457	771	777	784	rVB	268413	405605	14.51%	1.260%
5	7.828	835	840	844	rVB	28142	39654	1.42%	0.123%
6	7.987	862	867	873	rVB	28405	41534	1.49%	0.129%
7	8.163	890	897	904	rVB	151576	221551	7.93%	0.688%
8	8.598	966	971	983	rVB	116469	185581	6.64%	0.576%
9	9.316	1087	1093	1099	rBB2	104041	166307	5.95%	0.517%
10	9.845	1175	1183	1190	rBV	170094	268656	9.61%	0.835%
11	10.222	1240	1247	1250	rBV	393006	631594	22.60%	1.962%
12	10.275	1250	1256	1263	rVV	1471580	2428918	86.91%	7.545%
13	10.363	1263	1271	1283	rVB2	90037	211010	7.55%	0.655%
14	11.892	1524	1531	1539	rBB	503504	781266	27.96%	2.427%
15	12.116	1563	1569	1576	rVB	234587	360295	12.89%	1.119%
16	12.933	1703	1708	1714	rBV	130564	178915	6.40%	0.556%
17	13.133	1736	1742	1750	rVB	47851	82793	2.96%	0.257%
18	13.263	1758	1764	1765	rBV2	77187	102114	3.65%	0.317%
19	13.427	1783	1792	1797	rBV2	119294	206539	7.39%	0.642%
20	13.480	1797	1801	1805	rVV2	76419	113013	4.04%	0.351%
21	13.527	1805	1809	1814	rVV	339532	462506	16.55%	1.437%
22	13.575	1814	1817	1822	rVB	61774	80244	2.87%	0.249%
23	13.663	1827	1832	1836	rBV	55890	77088	2.76%	0.239%
24	13.798	1849	1855	1859	rBV	317269	488021	17.46%	1.516%
25	14.110	1900	1908	1914	rBV3	630220	1020623	36.52%	3.170%
26	14.174	1914	1919	1927	rVB	526478	760838	27.22%	2.363%
27	14.322	1938	1944	1949	rBV	162660	239520	8.57%	0.744%
28	14.427	1956	1962	1968	rVB2	28734	44501	1.59%	0.138%
29	14.510	1968	1976	1985	rBV	429952	657079	23.51%	2.041%
30	14.592	1985	1990	1995	rBV	31429	42955	1.54%	0.133%
31	14.739	2007	2015	2019	rBV5	22587	39110	1.40%	0.121%
32	14.792	2019	2024	2028	rVB2	32068	39687	1.42%	0.123%
33	15.110	2073	2078	2083	rBV	457686	634949	22.72%	1.972%
34	15.163	2083	2087	2093	rVV	626502	857437	30.68%	2.664%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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	15.233	2093	2099	2106	rVV3	134294	214044	7.66%	0.665%
36	15.292	2106	2109	2112	rVV2	37925	53053	1.90%	0.165%
37	15.327	2112	2115	2120	rVB2	80855	110184	3.94%	0.342%
38	15.416	2126	2130	2133	rVB	38356	46851	1.68%	0.146%
39	15.463	2133	2138	2144	rVB	102013	142467	5.10%	0.443%
40	15.610	2153	2163	2171	rVV	118287	230795	8.26%	0.717%
41	15.698	2171	2178	2184	rVB2	22019	36806	1.32%	0.114%
42	15.963	2218	2223	2231	rVB3	55223	78409	2.81%	0.244%
43	16.174	2248	2259	2264	rBV2	85912	181278	6.49%	0.563%
44	16.221	2264	2267	2272	rVB2	36953	44614	1.60%	0.139%
45	16.321	2279	2284	2290	rVB3	35650	64572	2.31%	0.201%
46	16.404	2295	2298	2301	rVV3	30797	38883	1.39%	0.121%
47	16.445	2301	2305	2308	rVB2	39725	50677	1.81%	0.157%
48	16.604	2326	2332	2338	rVV6	48819	117726	4.21%	0.366%
49	16.680	2341	2345	2355	rVB	147472	220206	7.88%	0.684%
50	16.863	2369	2376	2380	rBV2	865109	1300223	46.53%	4.039%
51	16.910	2380	2384	2389	rVV	2119278	2794652	100.00%	8.681%
52	16.963	2389	2393	2396	rVV	553106	739321	26.45%	2.297%
53	16.998	2396	2399	2404	rVB	304407	399107	14.28%	1.240%
54	17.057	2404	2409	2415	rBV4	27507	43140	1.54%	0.134%
55	17.268	2441	2445	2450	rBV	147766	201739	7.22%	0.627%
56	17.739	2520	2525	2529	rBV	159417	208536	7.46%	0.648%
57	17.786	2529	2533	2541	rVB	276405	368036	13.17%	1.143%
58	17.868	2541	2547	2552	rBV	87965	129806	4.64%	0.403%
59	17.933	2552	2558	2562	rVV2	243893	400543	14.33%	1.244%
60	17.968	2562	2564	2571	rVB	79464	102907	3.68%	0.320%
61	18.251	2607	2612	2618	rVB	116421	148635	5.32%	0.462%
62	18.551	2658	2663	2666	rBV2	28900	39823	1.42%	0.124%
63	18.668	2677	2683	2688	rBV	63118	114110	4.08%	0.354%
64	18.739	2689	2695	2698	rBV4	37729	66999	2.40%	0.208%
65	18.809	2703	2707	2717	rVB6	20488	49060	1.76%	0.152%
66	18.939	2723	2729	2734	rBV	1261636	1658101	59.33%	5.151%
67	19.086	2750	2754	2758	rVB5	37613	45622	1.63%	0.142%
68	19.180	2766	2770	2776	rVB2	31369	46650	1.67%	0.145%
69	19.274	2781	2786	2788	rVV	916048	1228840	43.97%	3.817%
70	19.304	2788	2791	2800	rVV	783978	1084272	38.80%	3.368%
71	19.374	2800	2803	2812	rVB3	50652	89236	3.19%	0.277%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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	19.486	2818	2822	2828	rVB2	56027	69486	2.49%	0.216%
73	19.639	2841	2848	2853	rBV4	55014	142746	5.11%	0.443%
74	19.768	2866	2870	2871	rBV2	39612	47451	1.70%	0.147%
75	19.804	2872	2876	2881	rVB	212147	299246	10.71%	0.930%
76	19.909	2889	2894	2898	rBV	229791	292838	10.48%	0.910%
77	19.962	2898	2903	2907	rVV3	83302	134985	4.83%	0.419%
78	20.004	2907	2910	2914	rVV4	32540	43632	1.56%	0.136%
79	20.104	2923	2927	2931	rBV	35783	46770	1.67%	0.145%
80	20.145	2931	2934	2939	rVB4	34359	48522	1.74%	0.151%
81	20.339	2960	2967	2970	rBV3	37149	55669	1.99%	0.173%
82	20.403	2975	2978	2981	rVV3	29639	42358	1.52%	0.132%
83	20.433	2981	2983	2988	rVB4	25922	39512	1.41%	0.123%
84	20.521	2994	2998	3003	rBV3	30524	62186	2.23%	0.193%
85	20.721	3029	3032	3036	rBV	68385	82375	2.95%	0.256%
86	20.762	3036	3039	3042	rVV	54388	64704	2.32%	0.201%
87	20.815	3042	3048	3056	rVB4	114311	170854	6.11%	0.531%
88	20.968	3067	3074	3076	rBV5	25639	44168	1.58%	0.137%
89	21.080	3085	3093	3097	rBV2	1402657	2193665	78.50%	6.814%
90	21.115	3097	3099	3106	rVB	253783	276957	9.91%	0.860%
91	21.233	3115	3119	3122	rBV2	54411	67747	2.42%	0.210%
92	21.392	3142	3146	3152	rVB3	36252	59163	2.12%	0.184%
93	21.615	3181	3184	3189	rVB	47591	63664	2.28%	0.198%
94	22.580	3344	3348	3360	rVB2	122877	357300	12.79%	1.110%
95	22.745	3373	3376	3379	rBV4	25118	37406	1.34%	0.116%
96	23.039	3421	3426	3428	rBV3	54773	86259	3.09%	0.268%
97	23.080	3428	3433	3438	rVV2	398509	711338	25.45%	2.210%
98	23.121	3438	3440	3447	rVB2	96672	182422	6.53%	0.567%
99	23.221	3450	3457	3463	rBV	630697	1163205	41.62%	3.613%
100	23.750	3543	3547	3552	rVB5	50137	77550	2.77%	0.241%

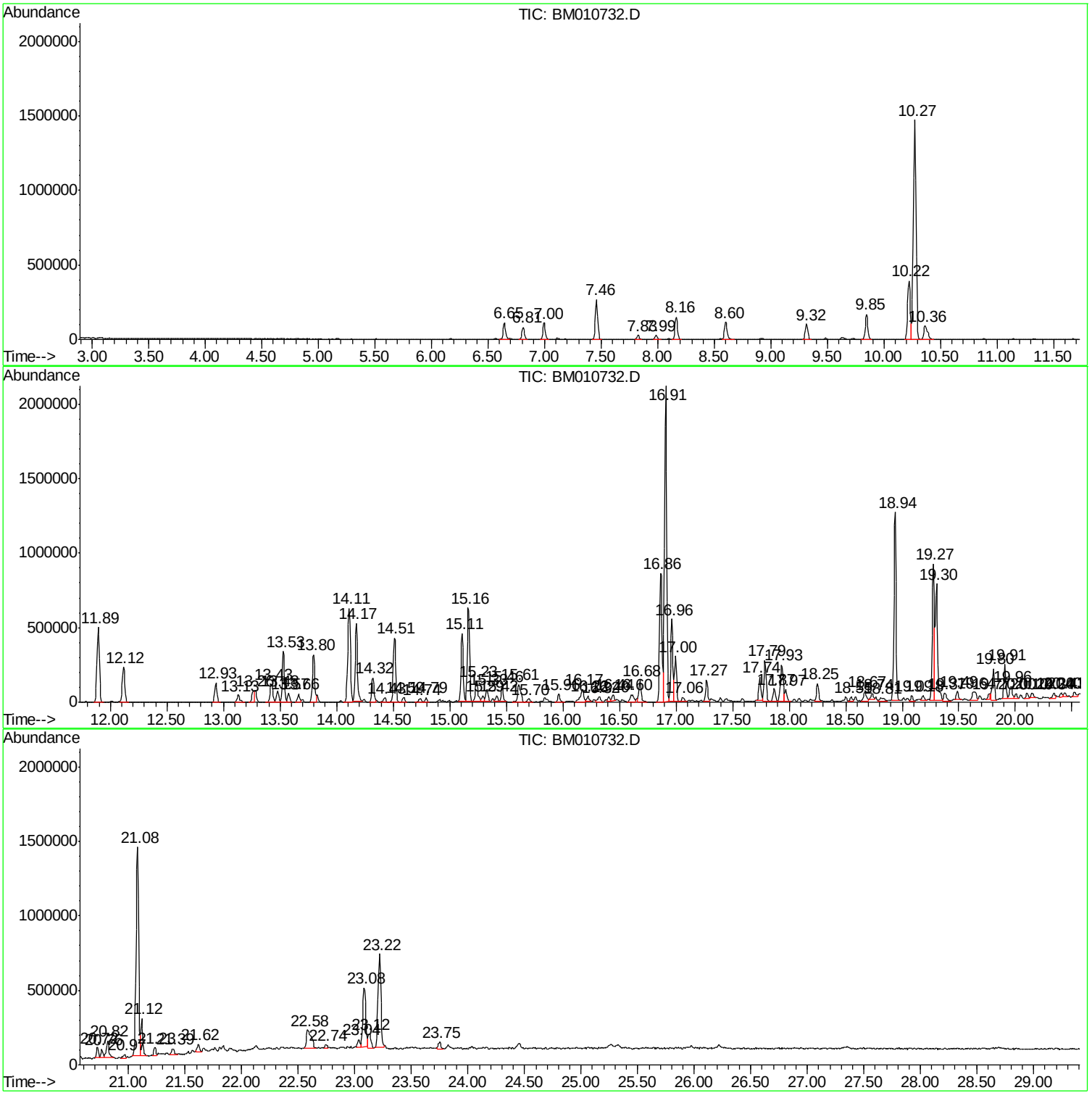
Sum of corrected areas: 32191898

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5E24ME

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\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
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Instrument : BNA_M
ClientSampleId : F5E24ME

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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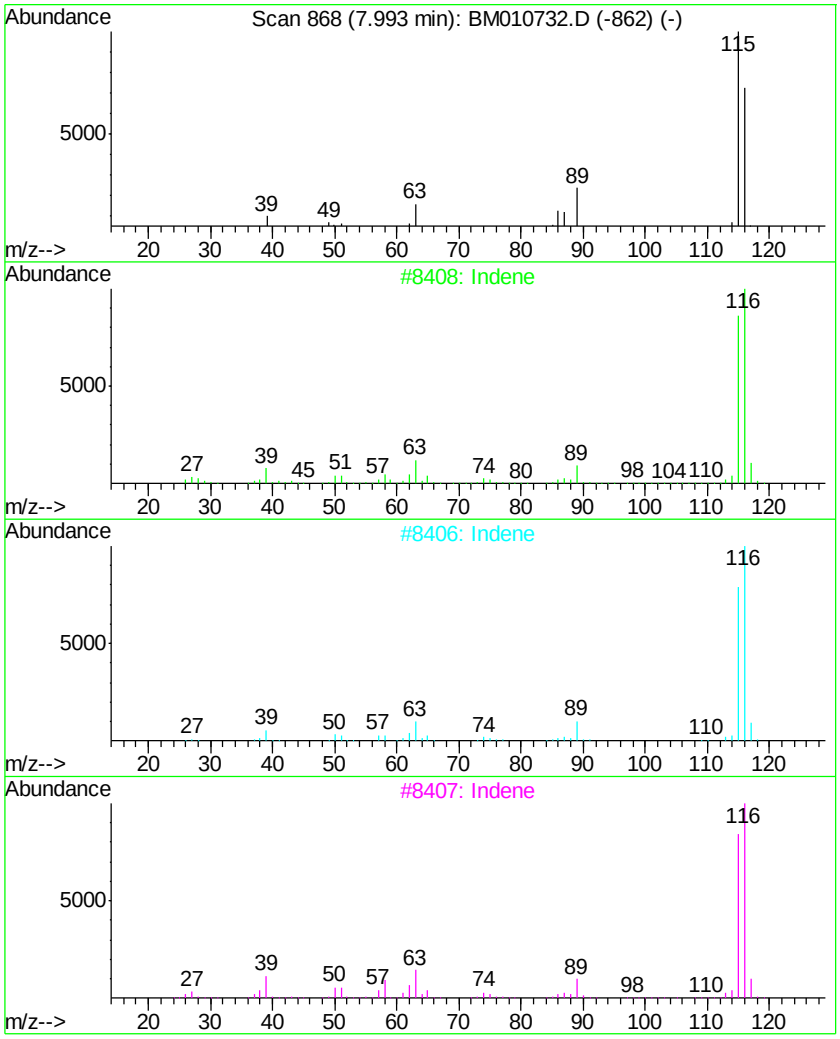
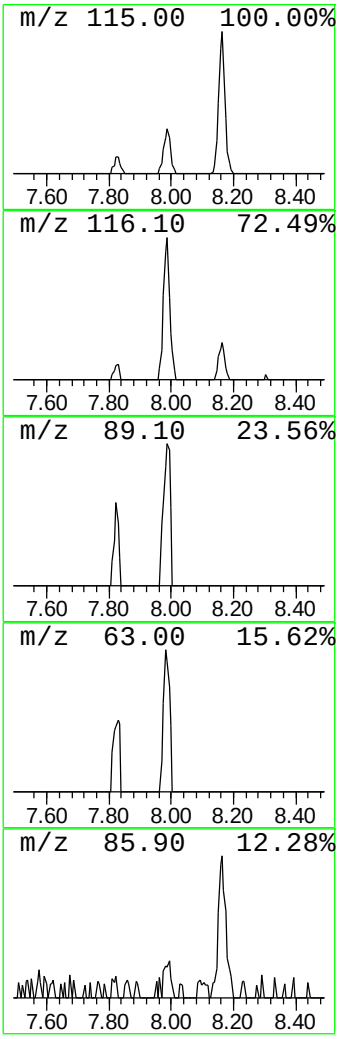
Peak Number 1 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	2.05 ng/ul	41534	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Indene	116	C9H8	000095-13-6	91
3	Indene	116	C9H8	000095-13-6	90
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	72
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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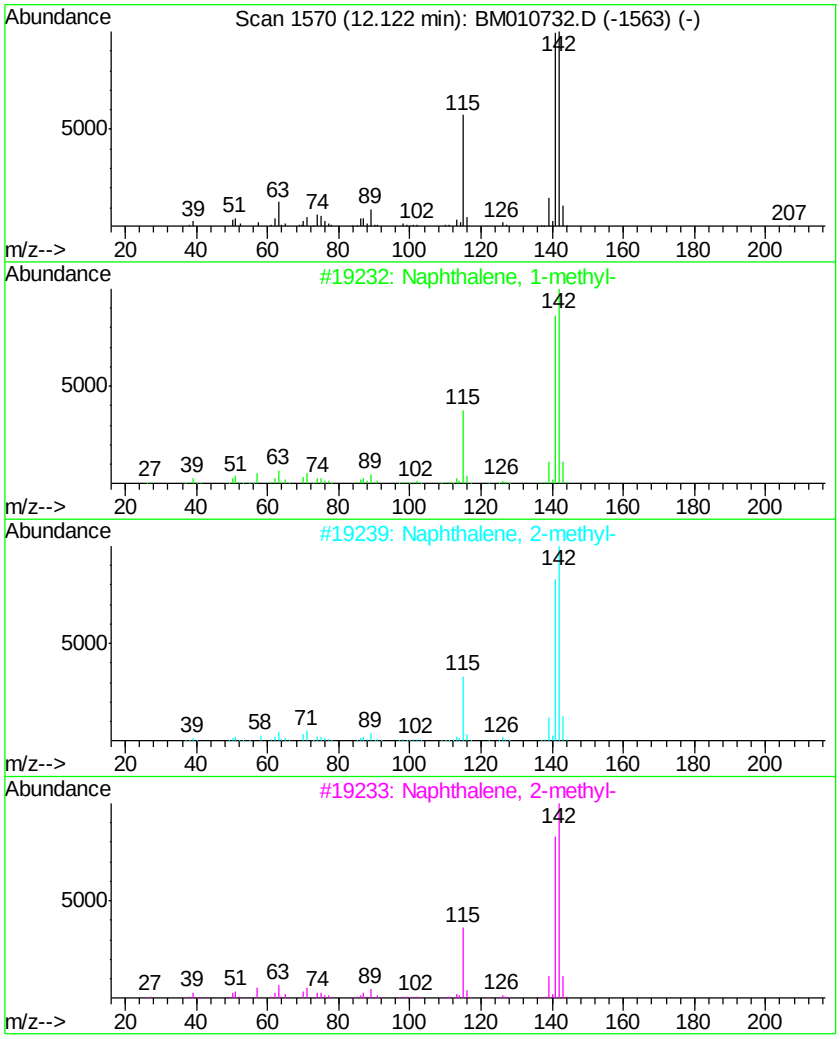
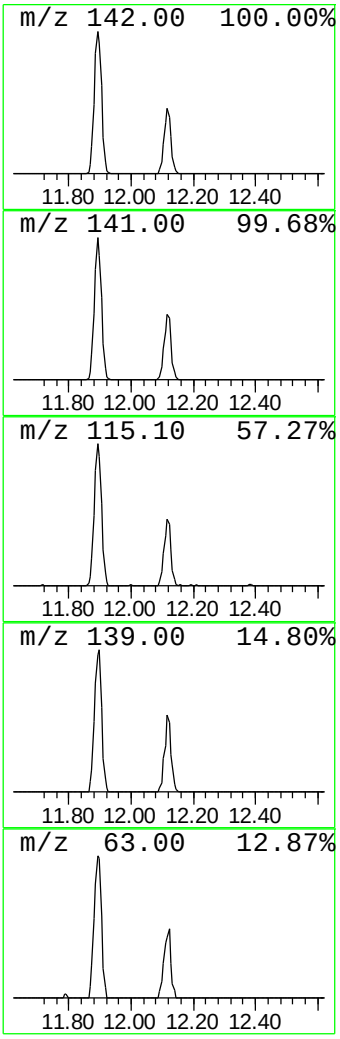
Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	11.41 ng/ul	360295	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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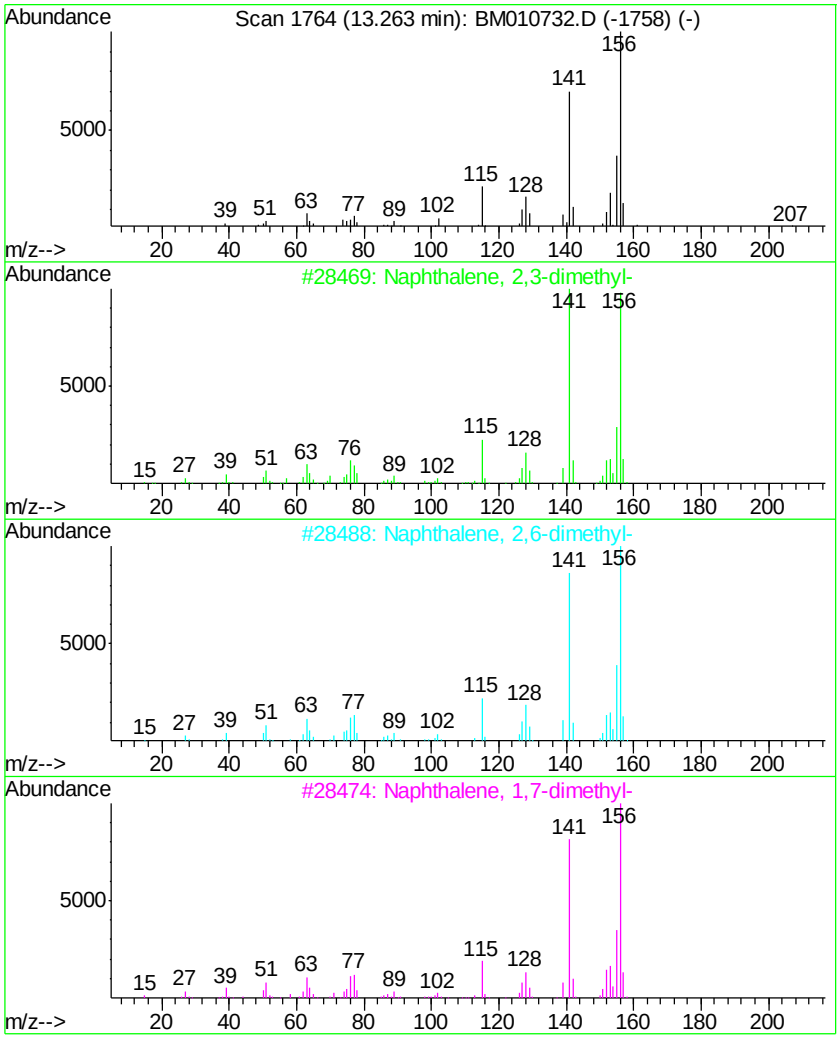
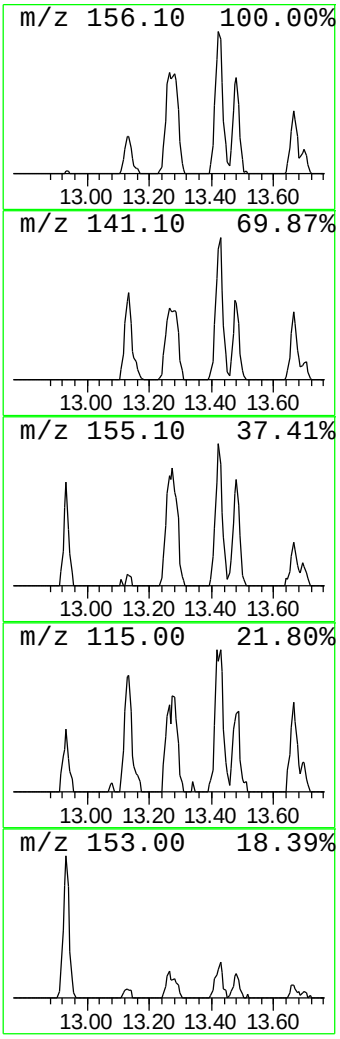
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.00 ng/ul	102114	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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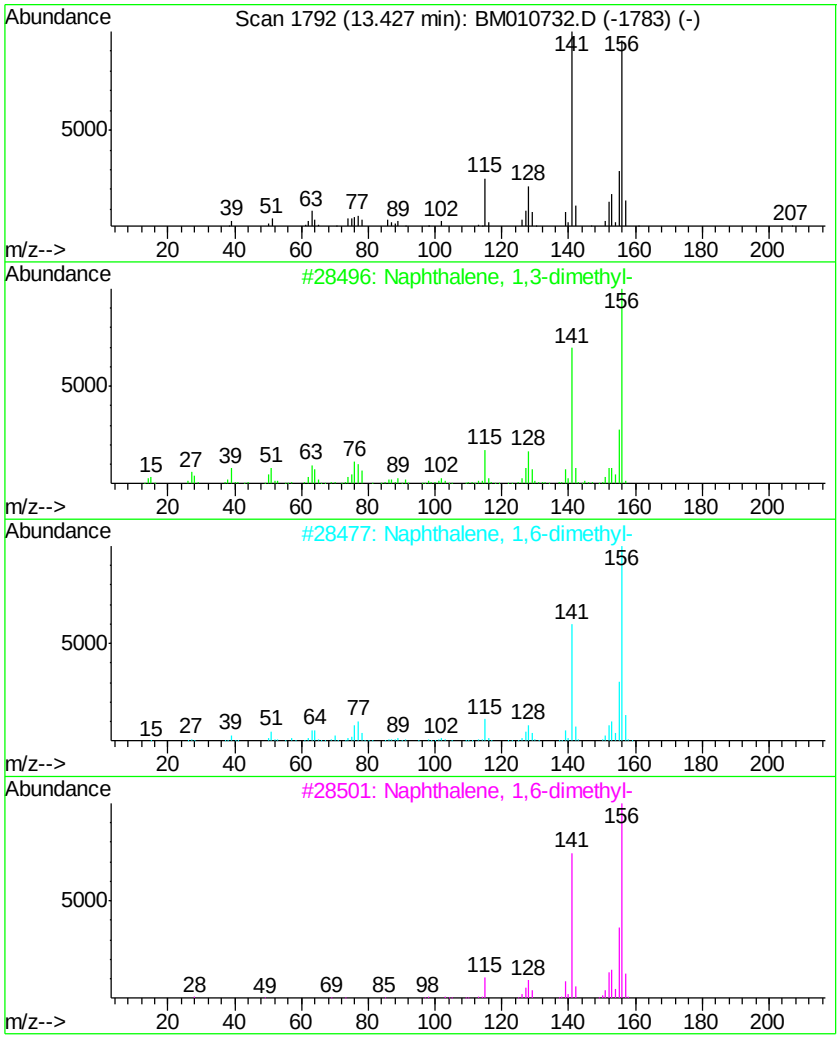
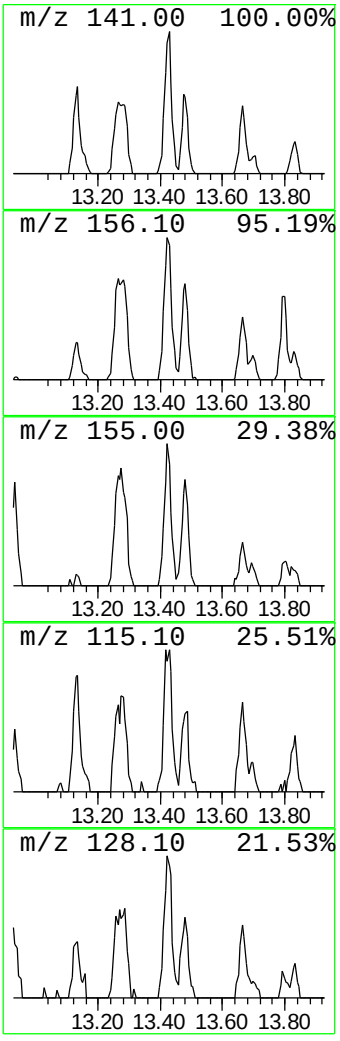
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	4.05 ng/ul	206539	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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

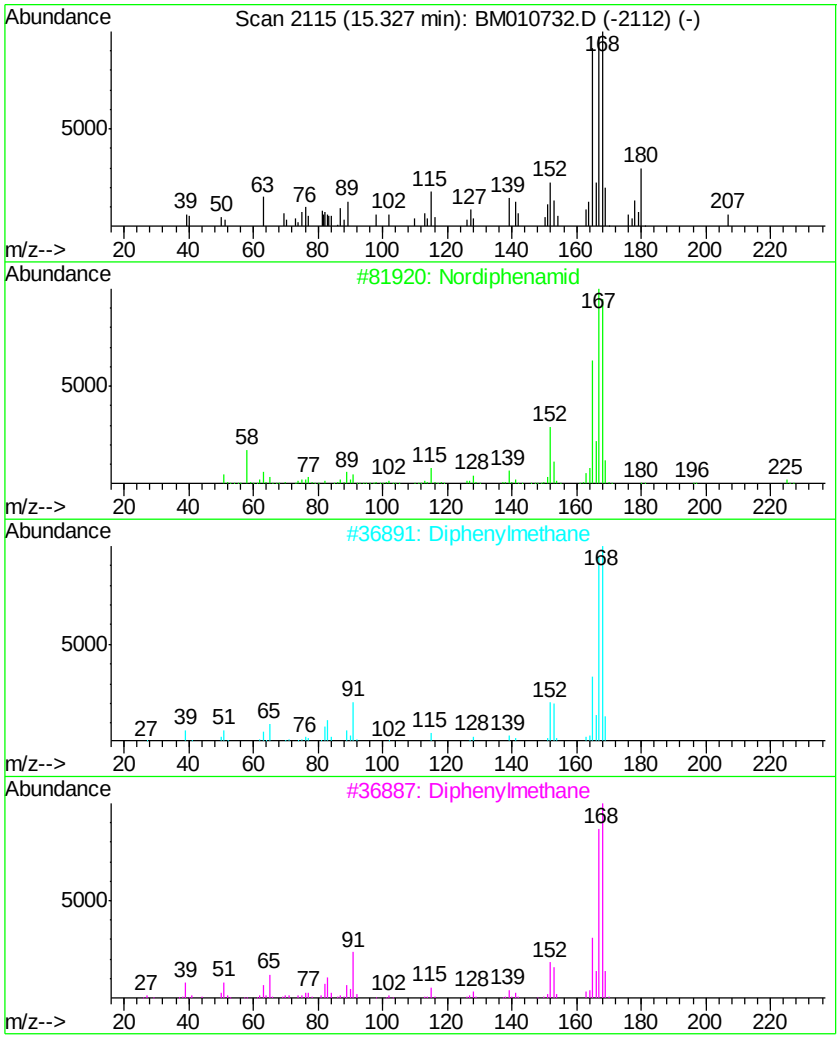
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

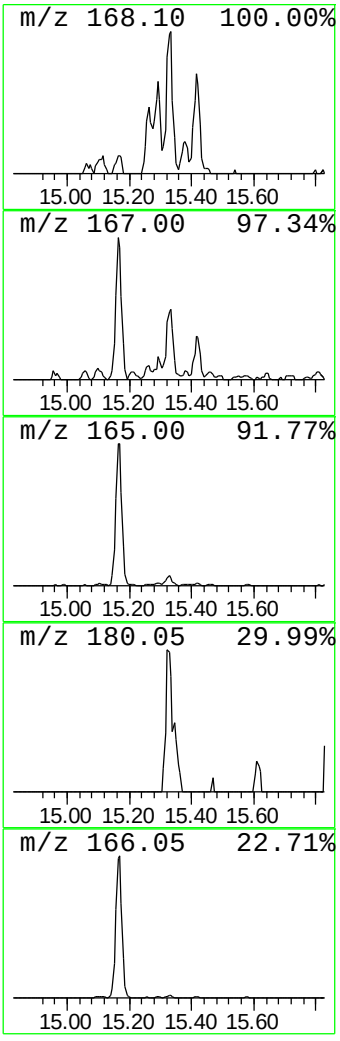
****

Peak Number 5 Nordiphenamid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.16 ng/ul	110184	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	59
2	Diphenylmethane	168	C13H12	000101-81-5	49
3	Diphenylmethane	168	C13H12	000101-81-5	49
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
5	Diphenylmethane	168	C13H12	000101-81-5	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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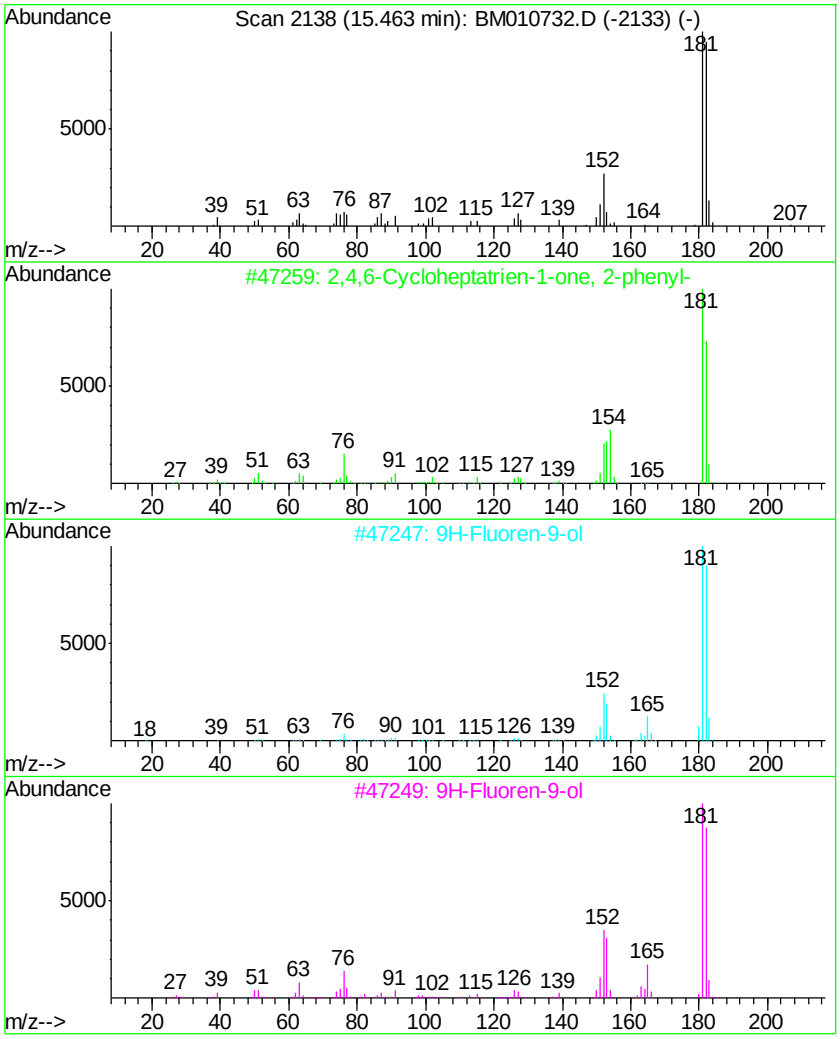
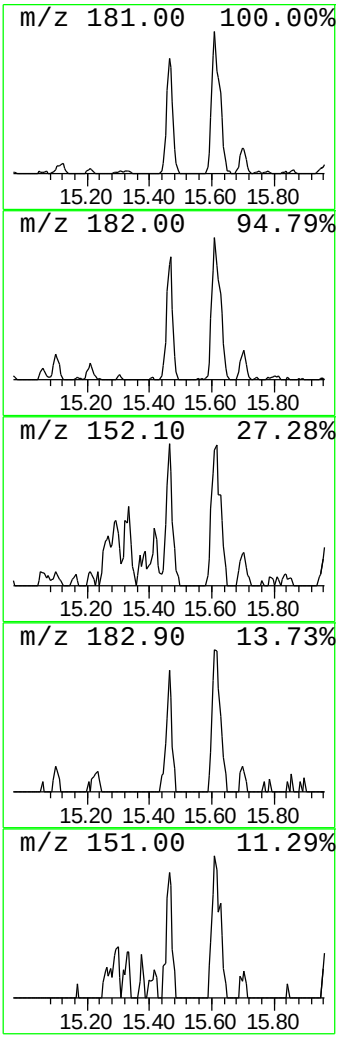
Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.79 ng/ul	142467	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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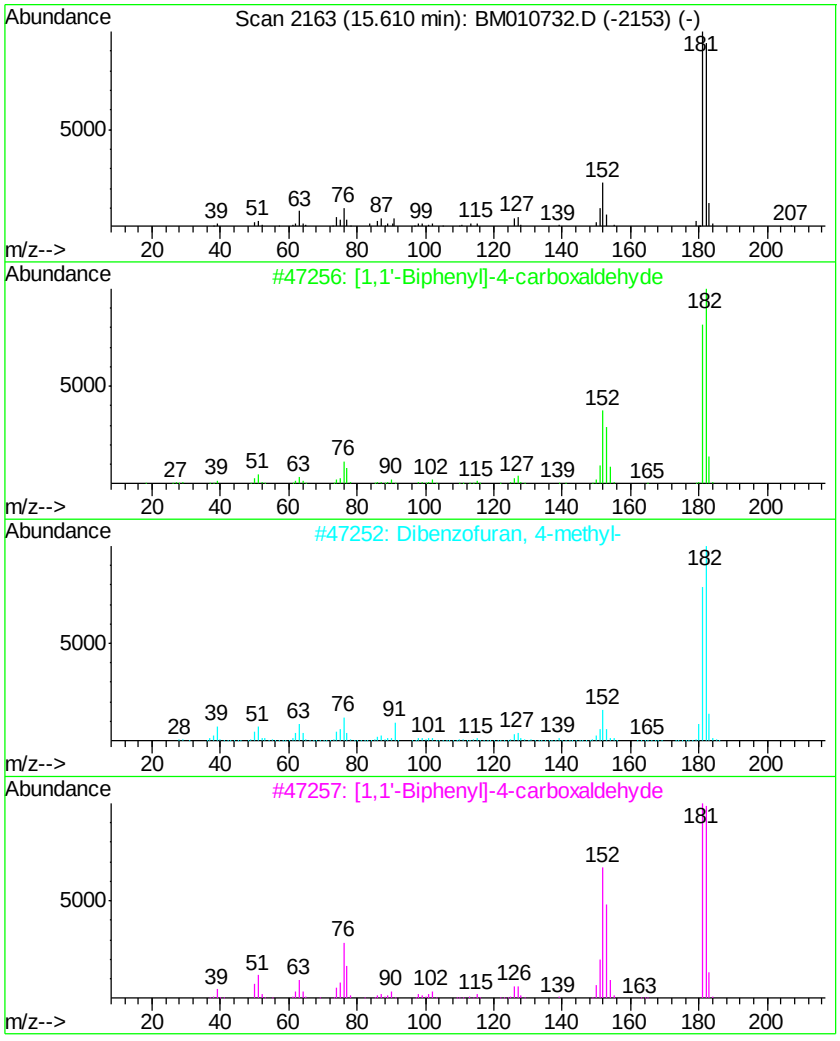
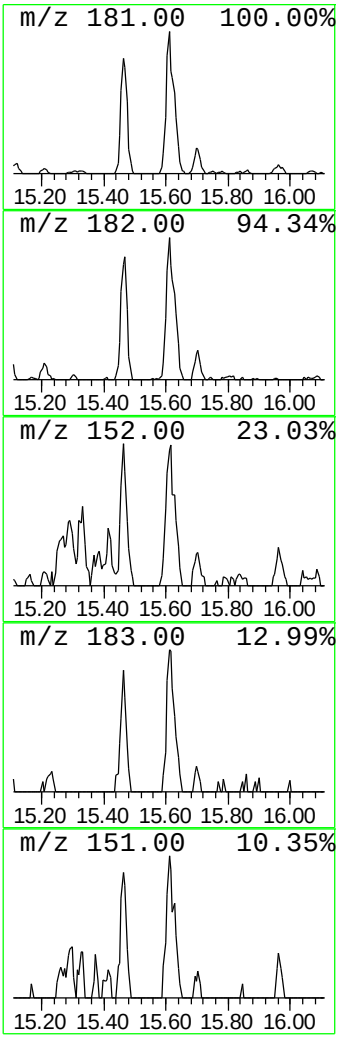
Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.55 ng/ul	230795	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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

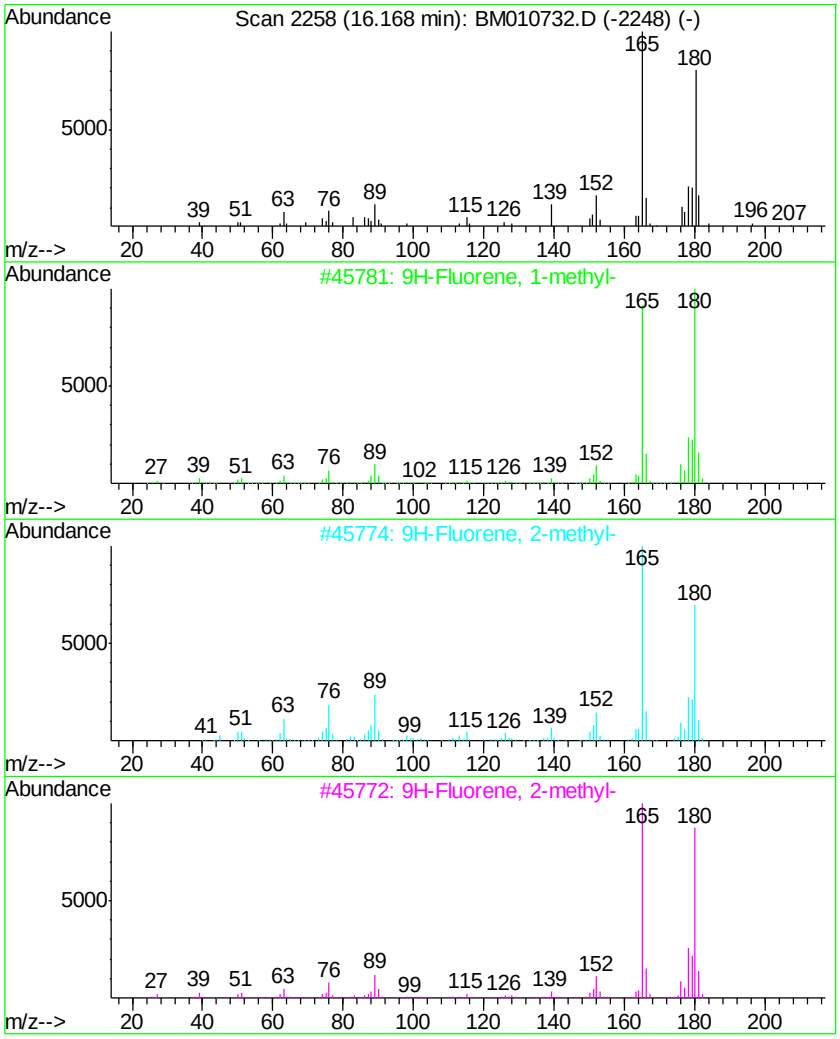
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

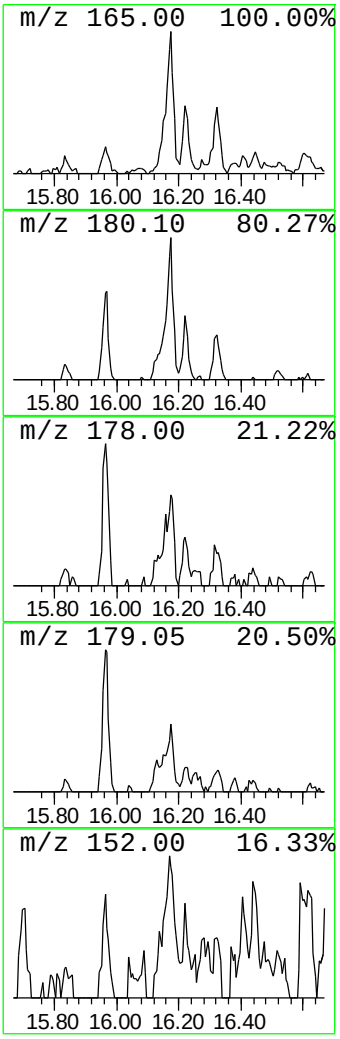
****

Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.79 ng/ul	181278	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95





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Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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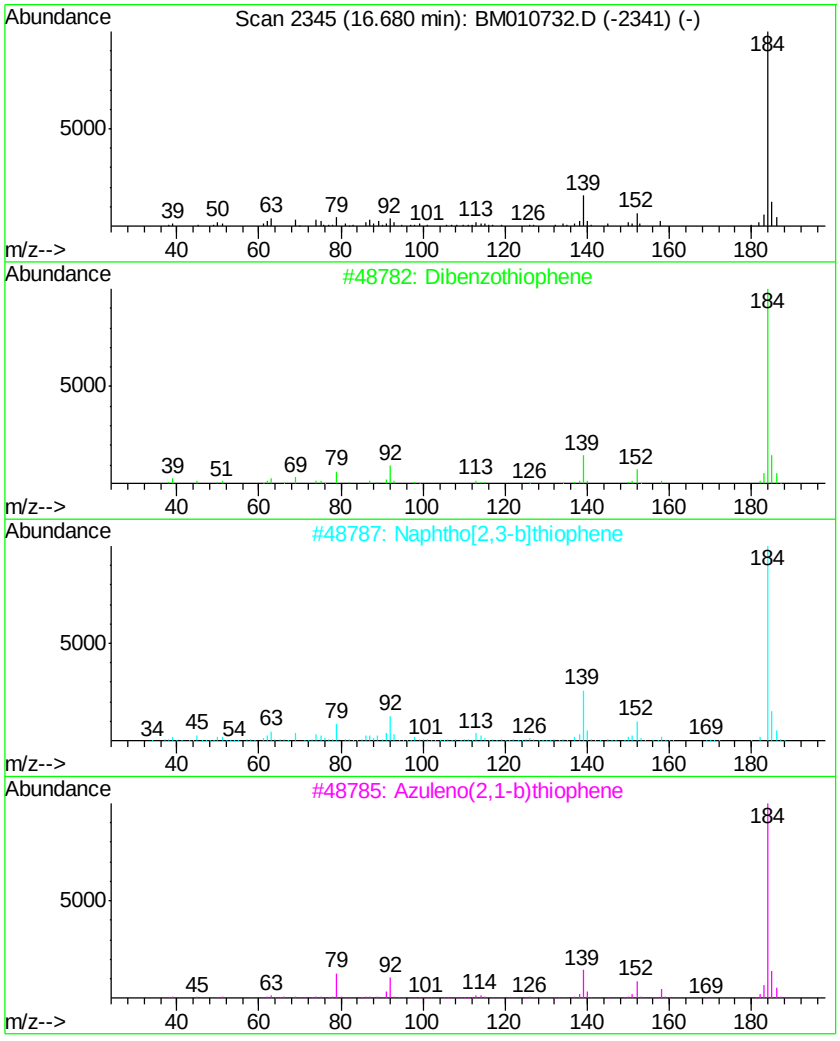
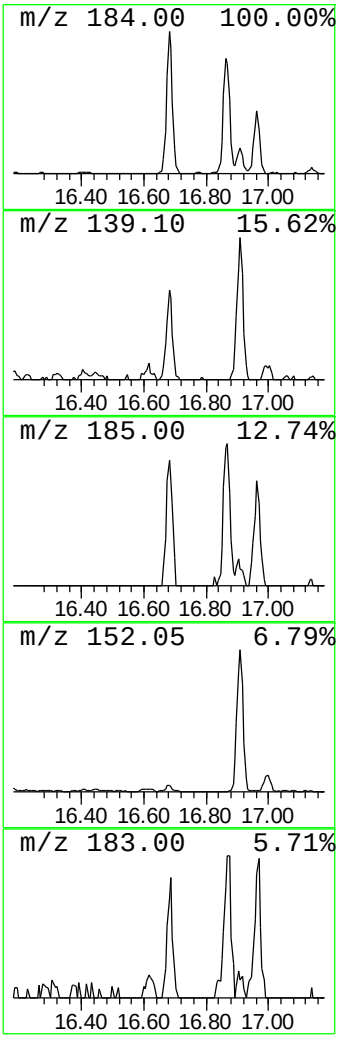
Peak Number 9 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	3.39 ng/ul	220206	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





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Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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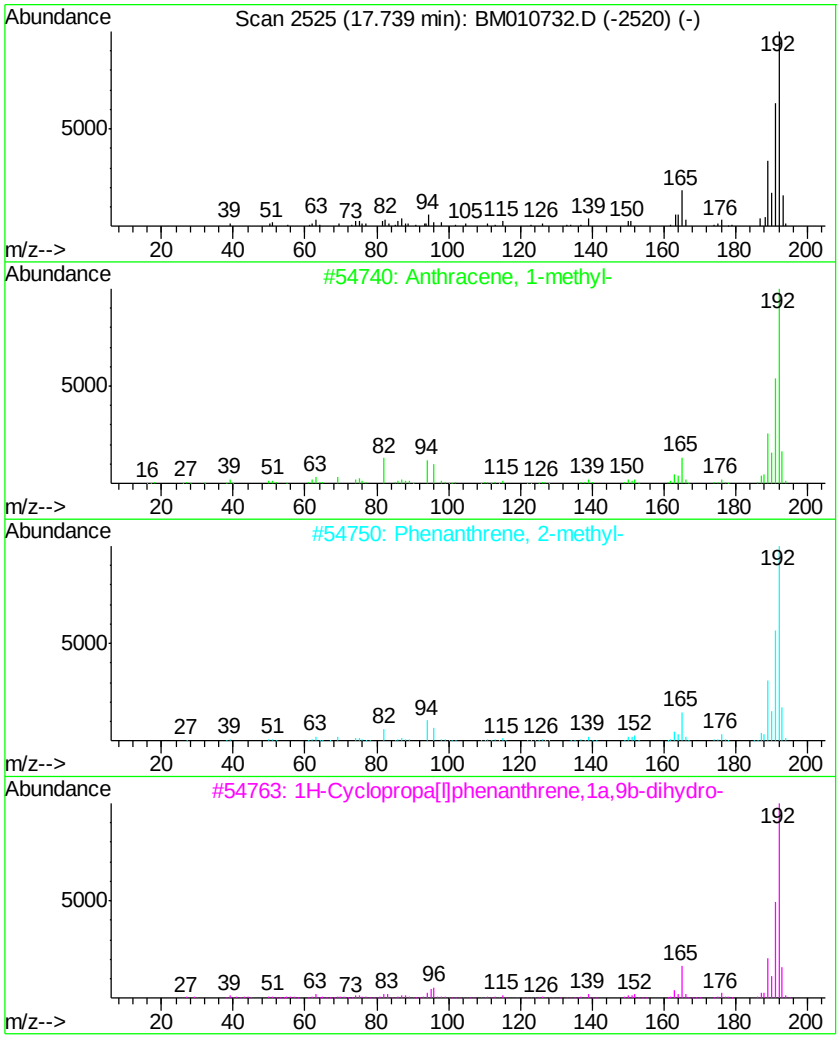
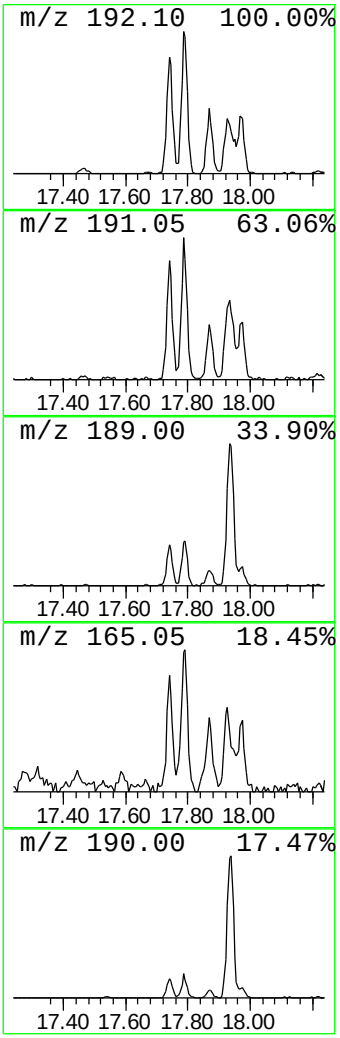
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	3.21 ng/ul	208536	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93





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Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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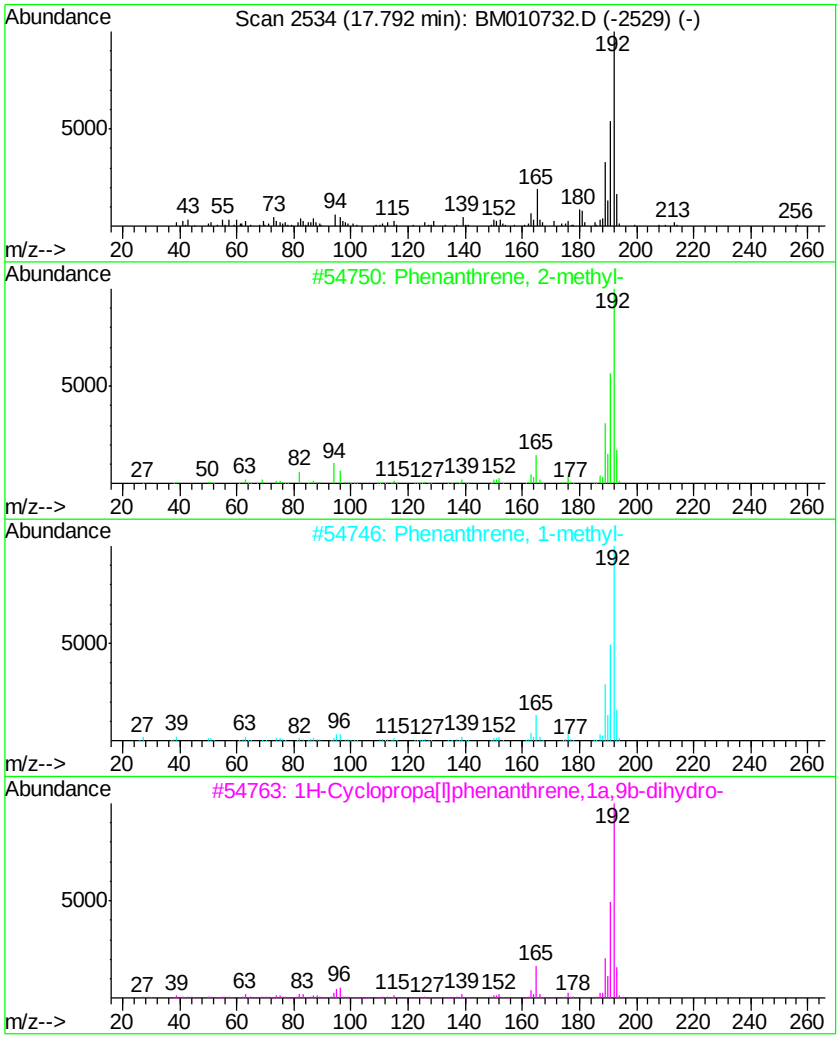
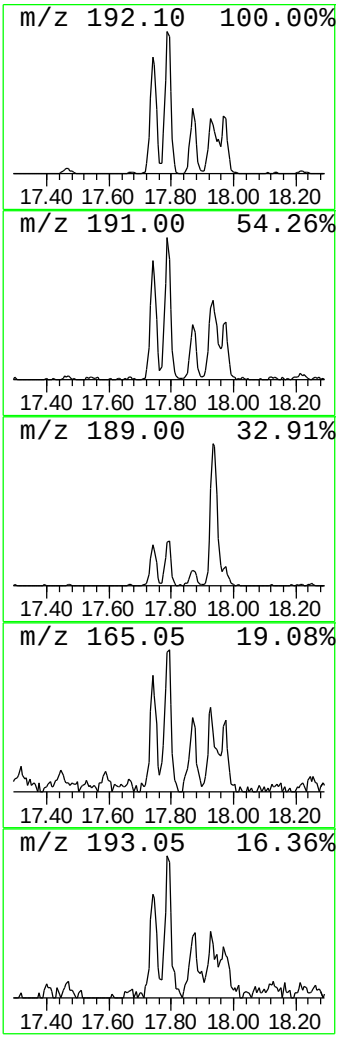
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	5.66 ng/ul	368036	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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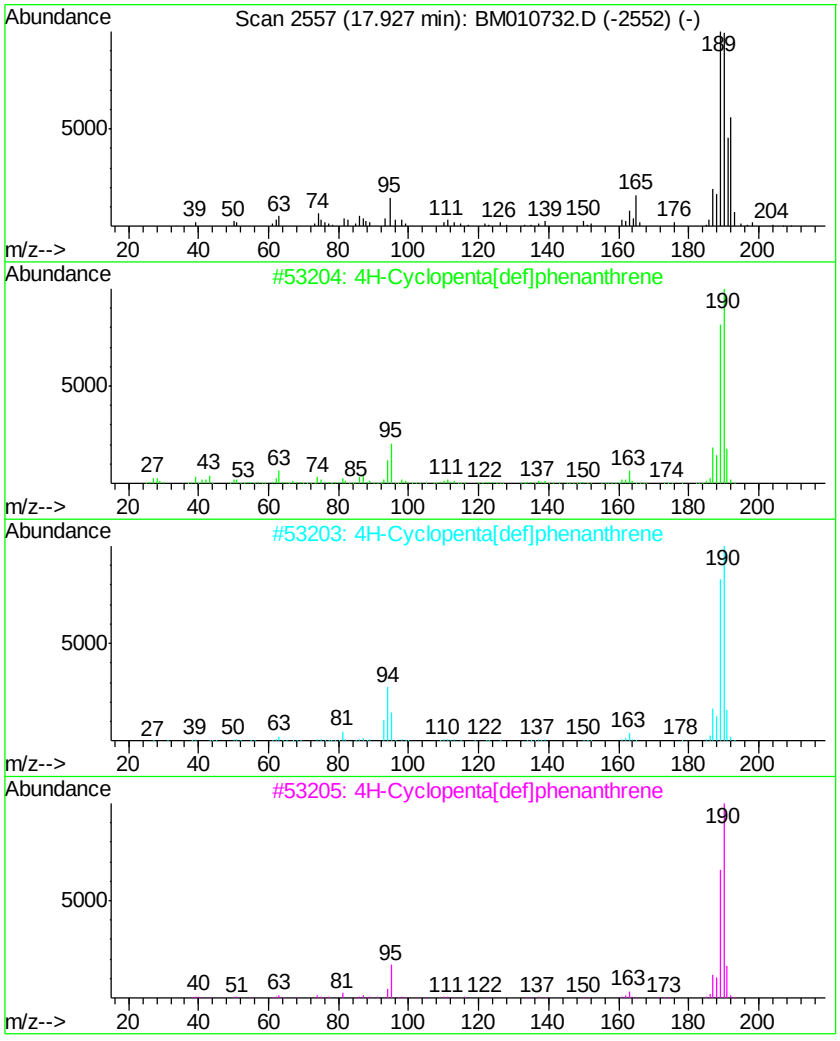
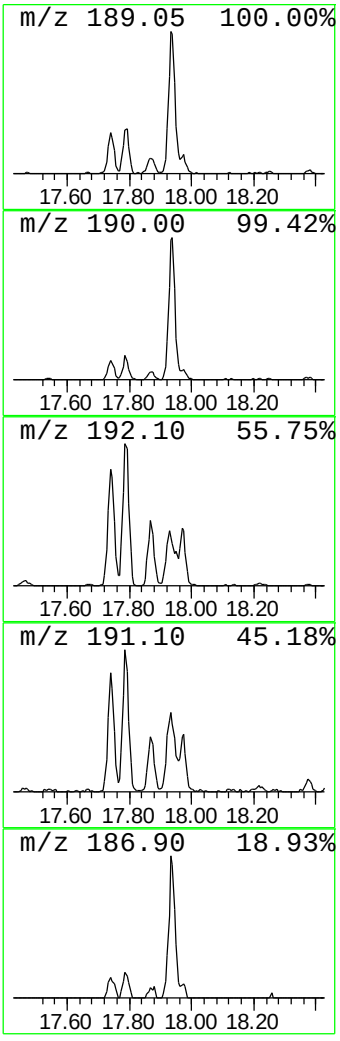
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	6.16 ng/ul	400543	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
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	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32





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Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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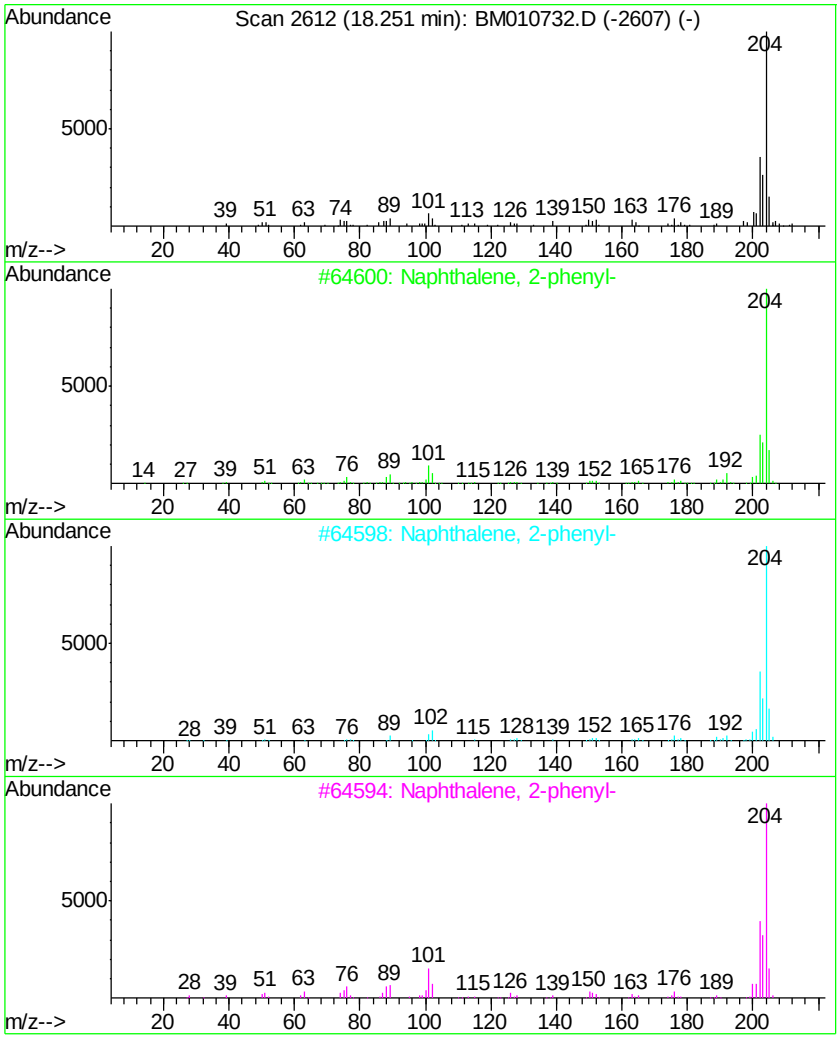
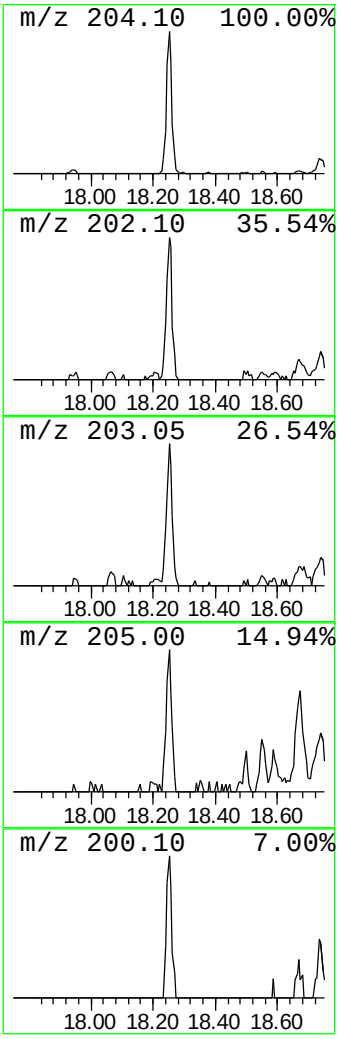
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.29 ng/ul	148635	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74





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Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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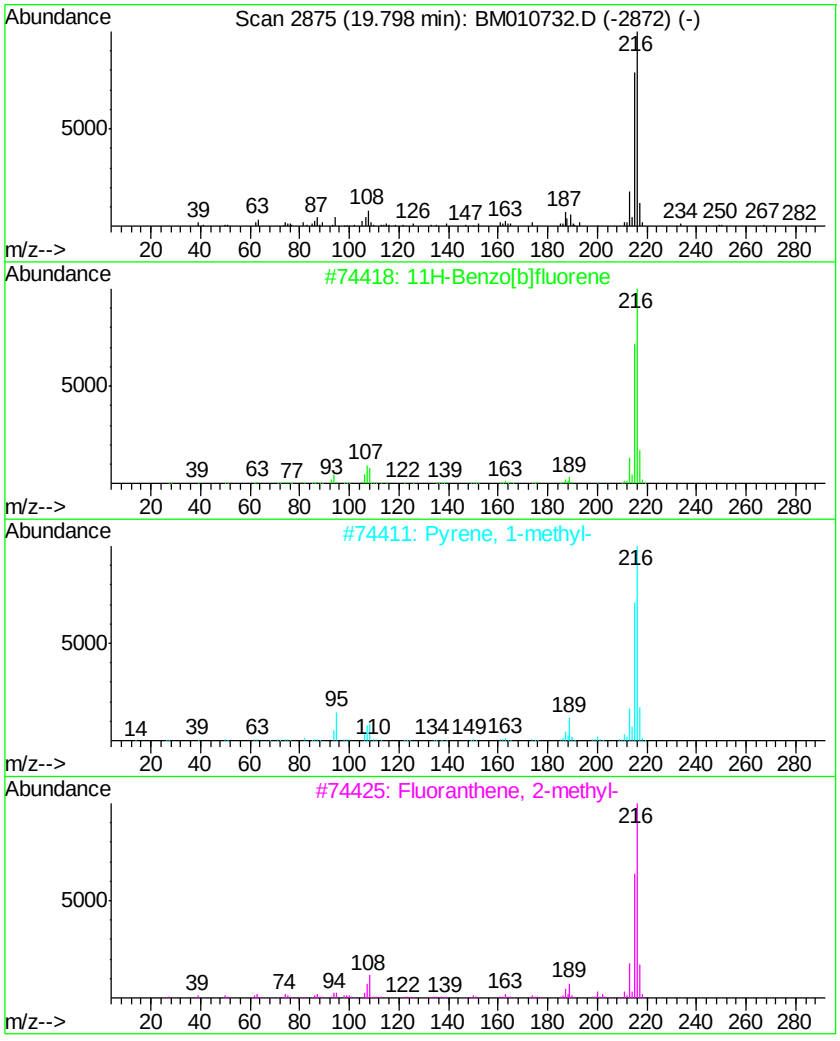
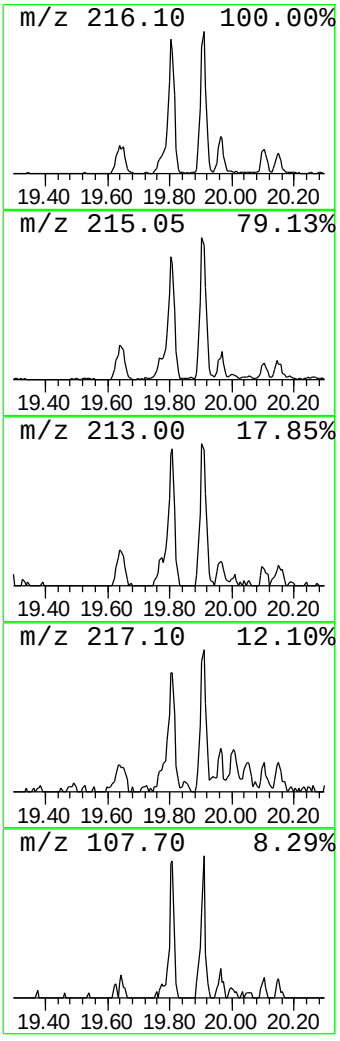
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.73 ng/ul	299246	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	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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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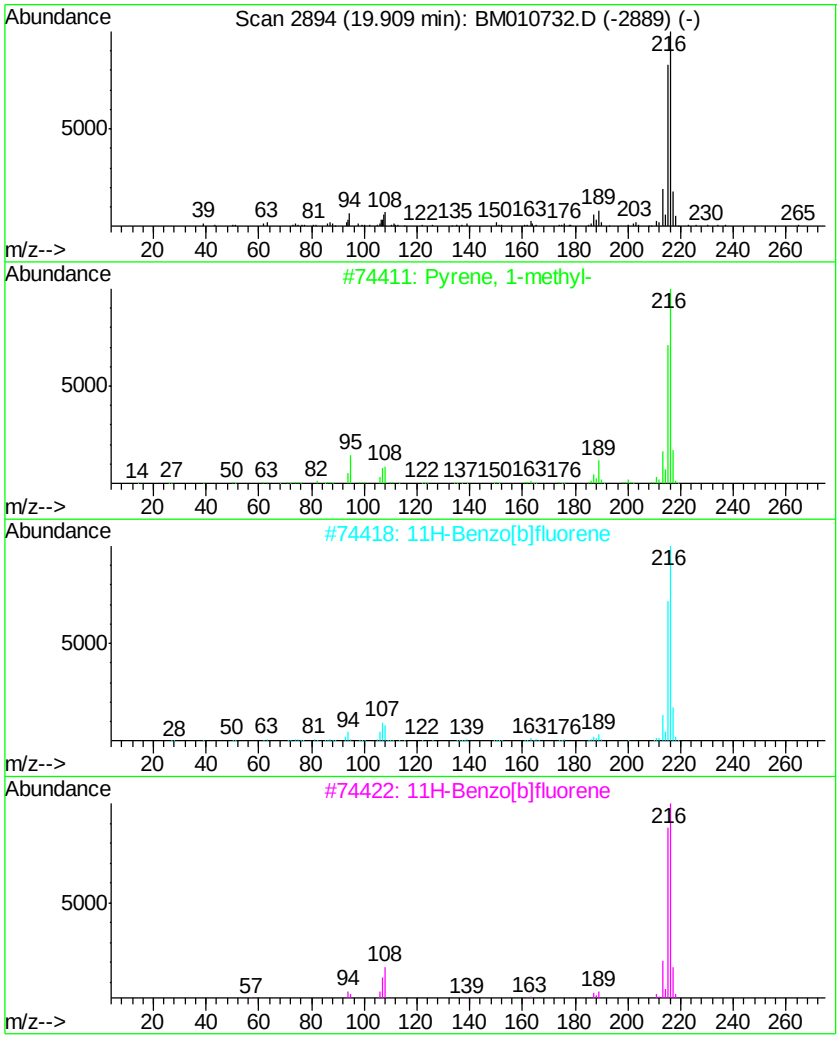
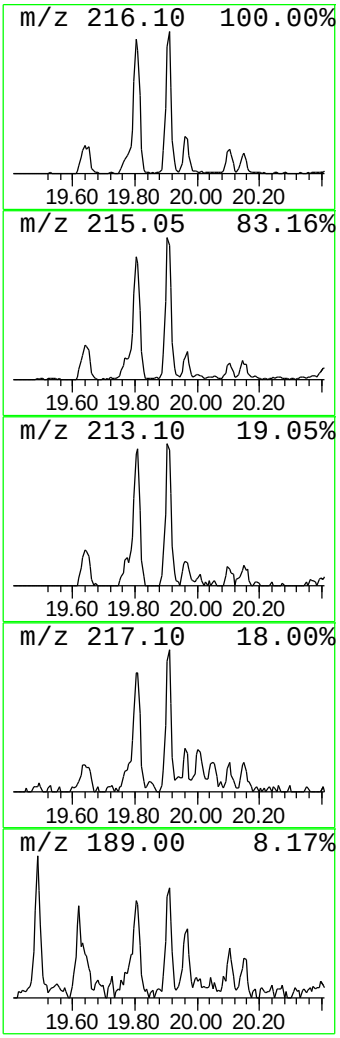
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.67 ng/ul	292838	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Tentatively Identified Compound (LSC) summary

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Data File : BM010732.D
Acq On : 24 Jun 2017 16:27
Operator : SJ/JU
Sample : I3627-13ME
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E24ME

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
Indene	7.99	2.0	ng/ul	41534	1	7.46	405605	20.0
Naphthalene, 1-me...	12.12	11.4	ng/ul	360295	2	10.22	631594	20.0
Naphthalene, 2,3-...	13.26	2.0	ng/ul	102114	3	14.11	1020620	20.0
Naphthalene, 1,3-...	13.43	4.0	ng/ul	206539	3	14.11	1020620	20.0
Nordiphenamid	15.33	2.2	ng/ul	110184	3	14.11	1020620	20.0
2,4,6-Cycloheptat...	15.46	2.8	ng/ul	142467	3	14.11	1020620	20.0
[1,1'-Biphenyl]-4...	15.61	3.5	ng/ul	230795	4	16.87	1300220	20.0
9H-Fluorene, 1-me...	16.17	2.8	ng/ul	181278	4	16.87	1300220	20.0
Dibenzothiophene	16.68	3.4	ng/ul	220206	4	16.87	1300220	20.0
Anthracene, 1-met...	17.74	3.2	ng/ul	208536	4	16.87	1300220	20.0
Phenanthrene, 2-m...	17.79	5.7	ng/ul	368036	4	16.87	1300220	20.0
4H-Cyclopenta[def...	17.93	6.2	ng/ul	400543	4	16.87	1300220	20.0
Naphthalene, 2-ph...	18.25	2.3	ng/ul	148635	4	16.87	1300220	20.0
11H-Benzo[b]fluorene	19.80	2.7	ng/ul	299246	5	21.08	2193670	20.0
Pyrene, 1-methyl-	19.91	2.7	ng/ul	292838	5	21.08	2193670	20.0