LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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	783	rBV	291432	435066	9.92%	1.170%
2	7.828	834	840	845	rVB	52280	75272	1.72%	0.202%
3	7.987	861	867	873	rVB	71401	108434	2.47%	0.292%
4	8.163	892	897	904	rVB2	32432	49288	1.12%	0.133%
5	9.634	1141	1147	1157	rVB5	24620	59569	1.36%	0.160%
6	9.845	1177	1183	1189	rBB3	35452	54105	1.23%	0.146%
7	10.222	1239	1247	1250	rBV	401570	668135	15.24%	1.797%
8	10.275	1250	1256	1263	rVV	2532725	3984344	90.88%	10.717%
9	10.387	1265	1275	1283	rBV2	103787	217136	4.95%	0.584%
10	11.892	1523	1531	1538	rBV	910644	1405265	32.05%	3.780%
11	12.116	1557	1569	1576	rBV	416805	659533	15.04%	1.774%
12	12.933	1698	1708	1714	rBB	215300	309964	7.07%	0.834%
13	13.128	1736	1741	1752	rBB	69652	114689	2.62%	0.308%
14	13.263	1756	1764	1766	rBV3	110779	177444	4.05%	0.477%
15	13.422	1785	1791	1797	rBV	162637	280910	6.41%	0.756%
16	13.480	1797	1801	1805	rVV	116047	154481	3.52%	0.416%
17	13.527	1805	1809	1814	rVB	80580	109259	2.49%	0.294%
18	13.663	1826	1832	1836	rBV2	71761	103809	2.37%	0.279%
19	13.792	1849	1854	1857	rBV	80706	120627	2.75%	0.324%
20	13.827	1857	1860	1867	rVB2	68734	96667	2.21%	0.260%
21	14.110	1899	1908	1914	rBV3	688770	1108844	25.29%	2.982%
22	14.175	1914	1919	1927	rVV	841709	1207705	27.55%	3.248%
23	14.245	1927	1931	1935	rVB	38337	50715	1.16%	0.136%
24	14.322	1938	1944	1949	rBV5	42023	70553	1.61%	0.190%
25	14.427	1953	1962	1966	rVB2	34987	57852	1.32%	0.156%
26	14.510	1970	1976	1985	rVB	714447	1042790	23.79%	2.805%
27	14.739	2006	2015	2019	rBV5	27311	43981	1.00%	0.118%
28	15.110	2073	2078	2082	rBV2	137721	185442	4.23%	0.499%
29	15.169	2082	2088	2093	rVB	972961	1335084	30.45%	3.591%
30	15.327	2111	2115	2120	rVB2	102438	139486	3.18%	0.375%
31	15.416	2127	2130	2134	rVB	51178	58297	1.33%	0.157%
32	15.463	2134	2138	2148	rVB	138514	198705	4.53%	0.534%
33	15.610	2158	2163	2172	rVB	152214	298810	6.82%	0.804%
34	15.839	2194	2202	2209	rBV4	31012	49369	1.13%	0.133%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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	16.174	2248	2259	2264	rBV2	97975	204362	4.66%	0.550%
36	16.221	2264	2267	2272	rVB2	36740	48600	1.11%	0.131%
37	16.321	2279	2284	2290	rVB4	45393	74868	1.71%	0.201%
38	16.445	2301	2305	2308	rVB3	39037	44924	1.02%	0.121%
39	16.604	2325	2332	2337	rBV2	51769	93855	2.14%	0.252%
40	16.680	2337	2345	2350	rVV	205381	294006	6.71%	0.791%
41	16.863	2370	2376	2380	rBV	904735	1391436	31.74%	3.743%
42	16.910	2380	2384	2389	rVV	3341981	4383946	100.00%	11.792%
43	16.963	2389	2393	2395	rVV	152614	202862	4.63%	0.546%
44	16.998	2395	2399	2405	rVB	462338	617205	14.08%	1.660%
45	17.268	2441	2445	2450	rBV	226897	309405	7.06%	0.832%
46	17.739	2520	2525	2529	rBV	199841	270759	6.18%	0.728%
47	17.786	2529	2533	2541	rVB	295324	403298	9.20%	1.085%
48	17.868	2541	2547	2552	rBV	114610	164746	3.76%	0.443%
49	17.933	2552	2558	2562	rBV2	382084	606417	13.83%	1.631%
50	17.968	2562	2564	2571	rVB	105588	129233	2.95%	0.348%
51	18.251	2606	2612	2616	rBV	161318	206558	4.71%	0.556%
52	18.668	2678	2683	2688	rBV3	66458	125910	2.87%	0.339%
53	18.733	2688	2694	2698	rBV4	46578	71807	1.64%	0.193%
54	18.939	2722	2729	2736	rBV	2097072	2701737	61.63%	7.267%
55	19.180	2765	2770	2777	rBV	57819	94782	2.16%	0.255%
56	19.274	2781	2786	2787	rVV	548302	655642	14.96%	1.764%
57	19.304	2787	2791	2800	rVV	1227730	1850214	42.20%	4.977%
58	19.374	2800	2803	2811	rVB2	72103	112239	2.56%	0.302%
59	19.486	2818	2822	2829	rVB	88105	114505	2.61%	0.308%
60	19.633	2838	2847	2853	rBV3	79859	208743	4.76%	0.561%
61	19.686	2853	2856	2860	rVB	43935	53792	1.23%	0.145%
62	19.768	2865	2870	2872	rVV4	57260	101070	2.31%	0.272%
63	19.804	2872	2876	2882	rVB	263261	361997	8.26%	0.974%
64	19.909	2888	2894	2898	rBV	292586	382566	8.73%	1.029%
65	19.962	2898	2903	2907	rVV2	105913	169819	3.87%	0.457%
66	20.104	2923	2927	2930	rBV2	37065	47525	1.08%	0.128%
67	20.151	2930	2935	2939	rBV3	39663	64012	1.46%	0.172%
68	20.521	2993	2998	3002	rBV6	39450	74796	1.71%	0.201%
69	20.721	3028	3032	3036	rBV	80262	109558	2.50%	0.295%
70	20.762	3036	3039	3042	rVV	73514	87010	1.98%	0.234%
71	20.798	3042	3045	3051	rVB2	48922	75169	1.71%	0.202%

LSC Area Percent Report

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Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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	21.080	3085	3093	3097	rBV2	1502138	2528609	57.68%	6.801%
73	21.115	3097	3099	3107	rVB	358357	384694	8.78%	1.035%
74	21.227	3115	3118	3124	rBV	85436	110498	2.52%	0.297%
75	21.392	3141	3146	3151	rBV3	49272	89259	2.04%	0.240%
76	21.621	3181	3185	3189	rVB2	50163	75331	1.72%	0.203%
77	22.586	3344	3349	3361	rVB	123747	365618	8.34%	0.983%
78	23.033	3421	3425	3428	rBV	51318	69104	1.58%	0.186%
79	23.080	3429	3433	3436	rVV2	96089	145549	3.32%	0.391%
80	23.127	3437	3441	3449	rVB2	92350	198133	4.52%	0.533%
81	23.215	3449	3456	3463	rBV	714609	1270649	28.98%	3.418%

Sum of corrected areas: 37178447

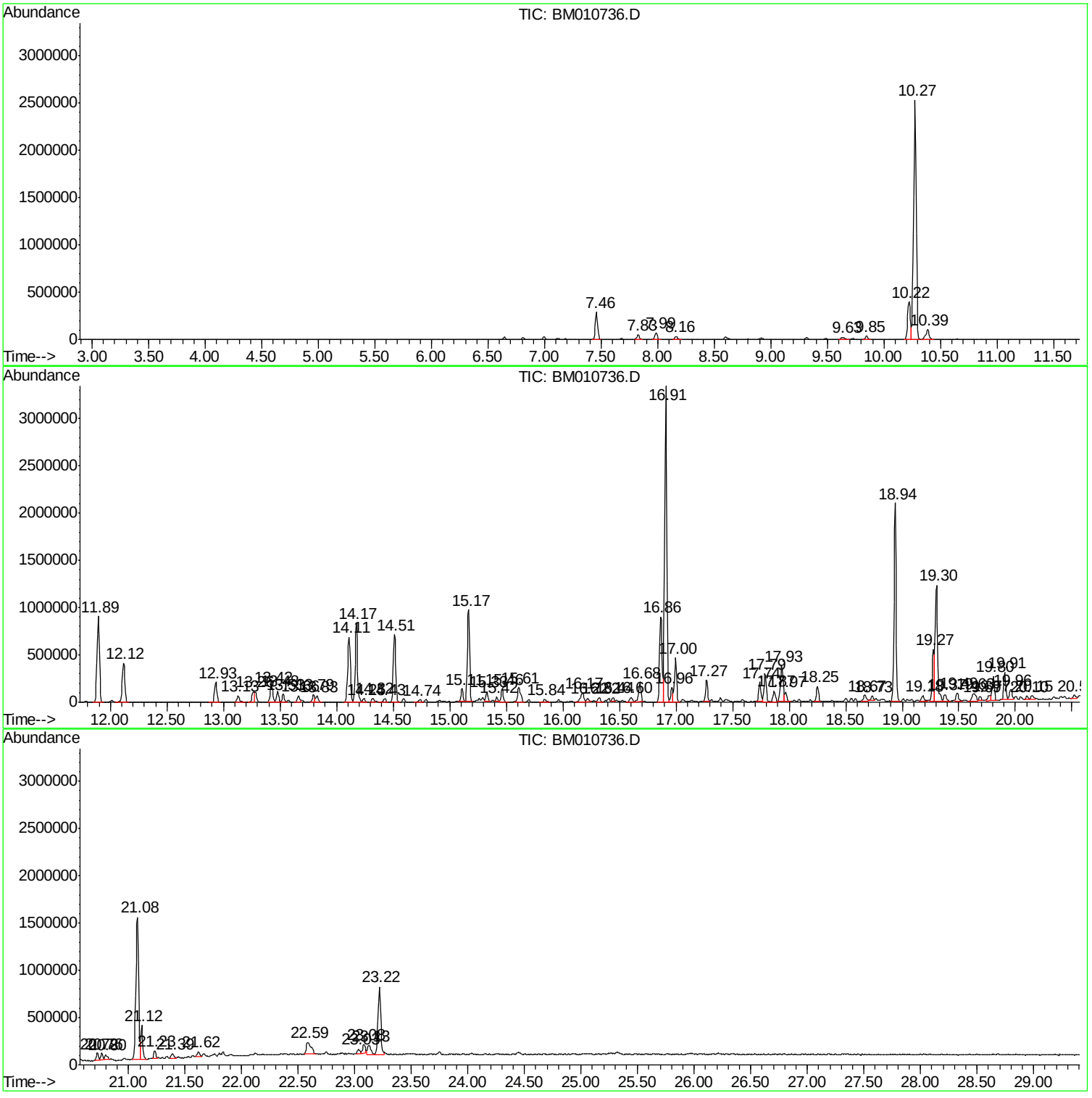
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B25ME

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 : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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

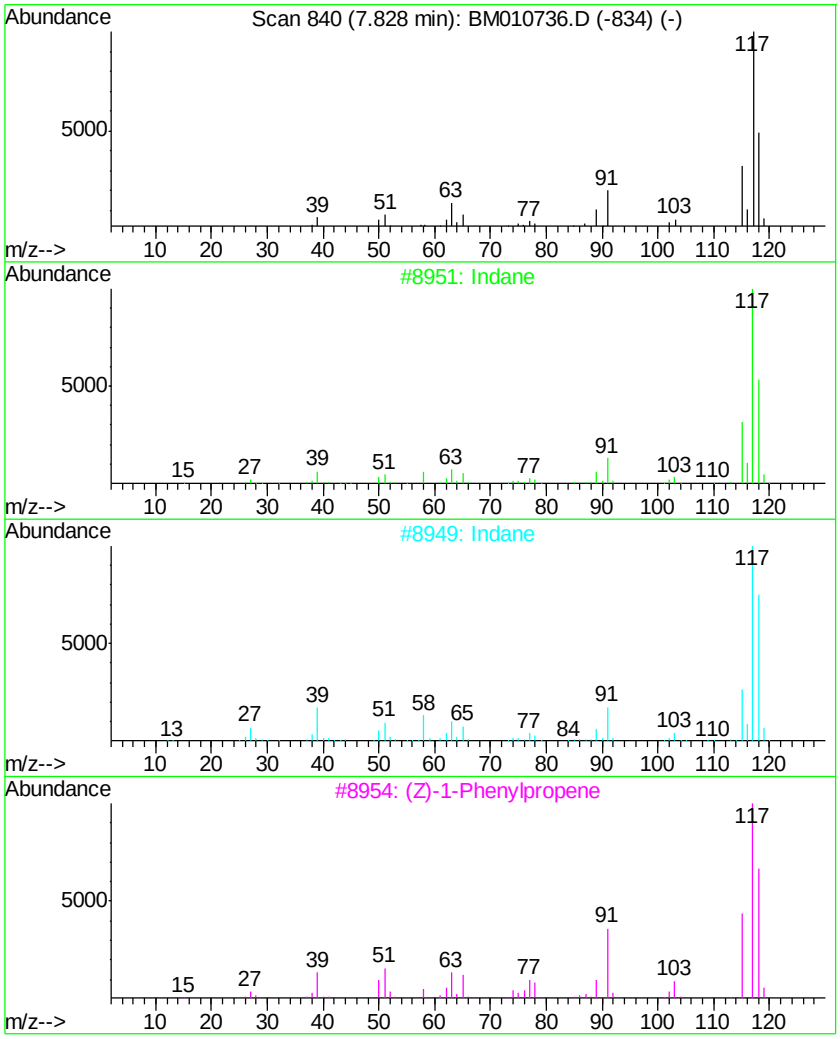
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

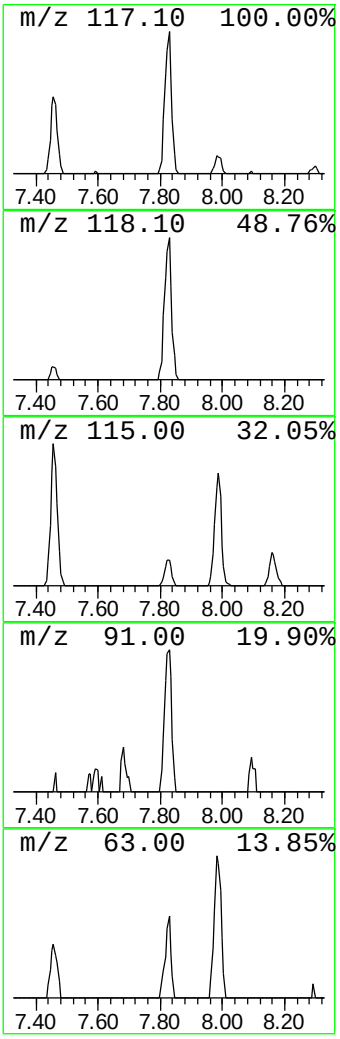
****

Peak Number 1 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	3.46 ng/ul	75272	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	83
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72
5	Indane	118	C9H10	000496-11-7	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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

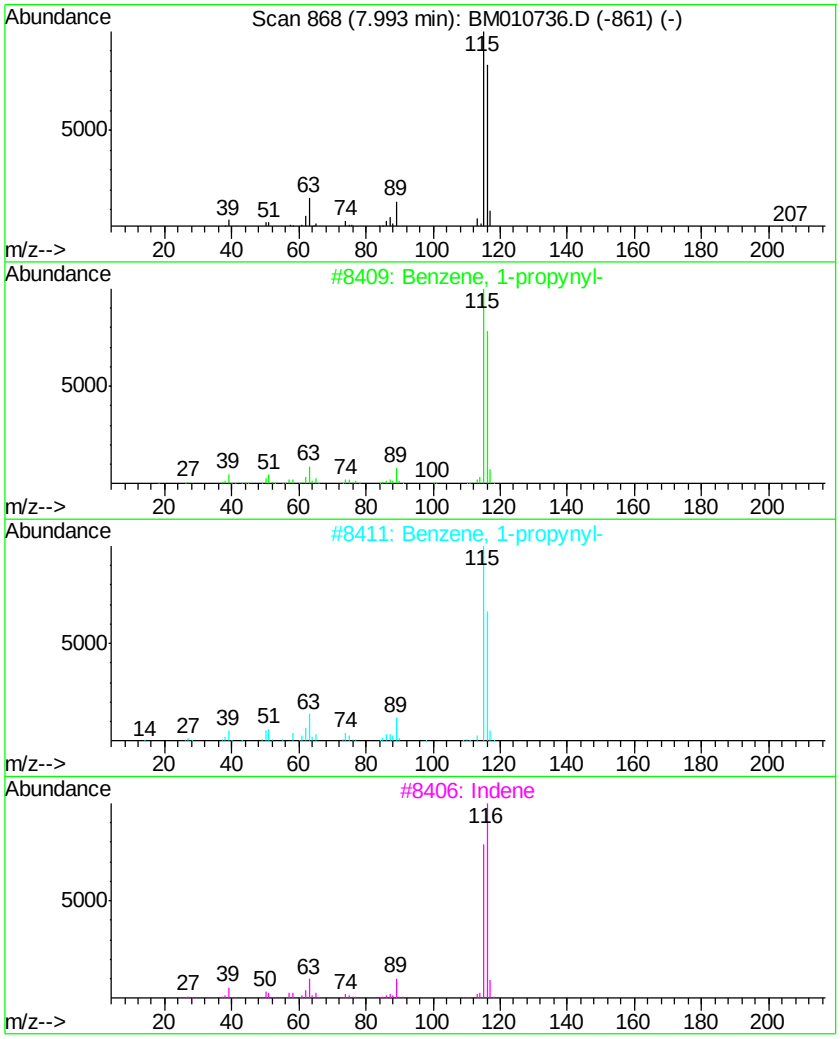
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

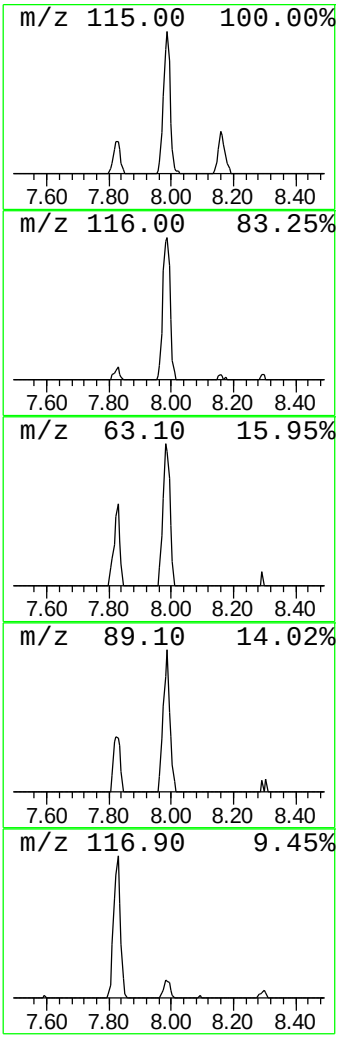
****

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	4.98 ng/ul	108434	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	Indene	116	C9H8	000095-13-6	93
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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

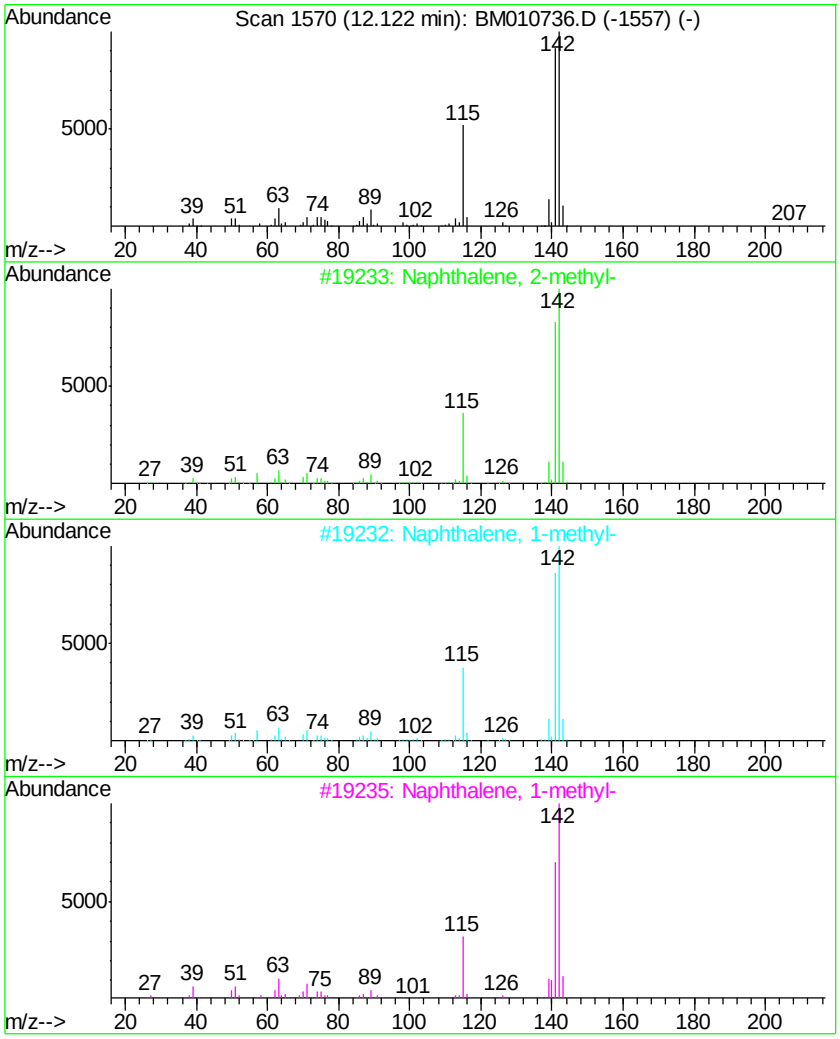
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

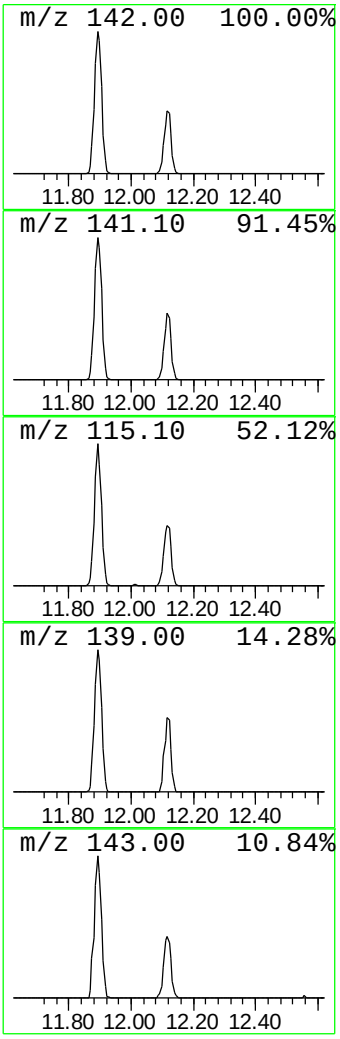
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	19.74 ng/ul	659533	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Acq On : 24 Jun 2017 18:51
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Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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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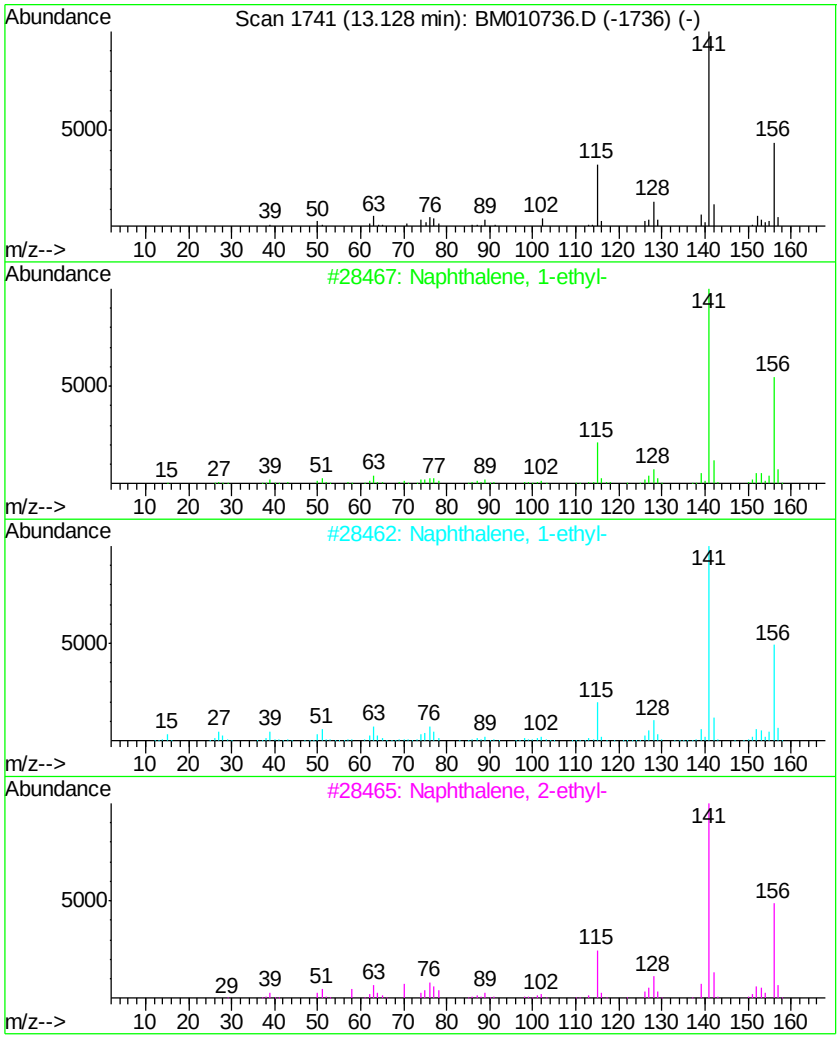
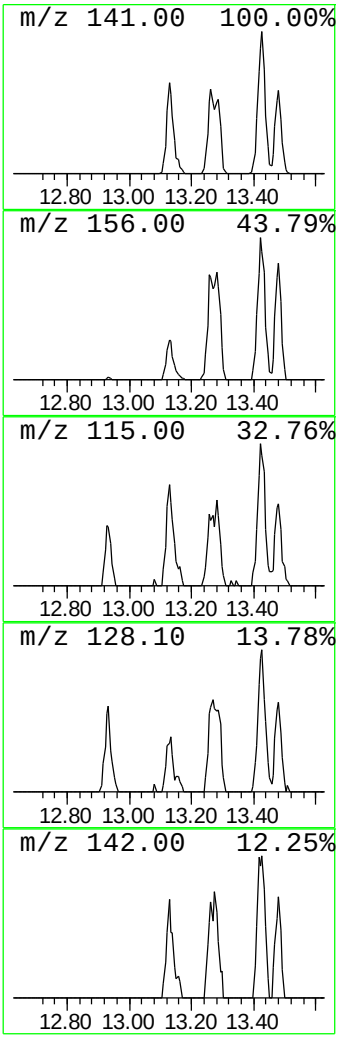
Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.07 ng/ul	114689	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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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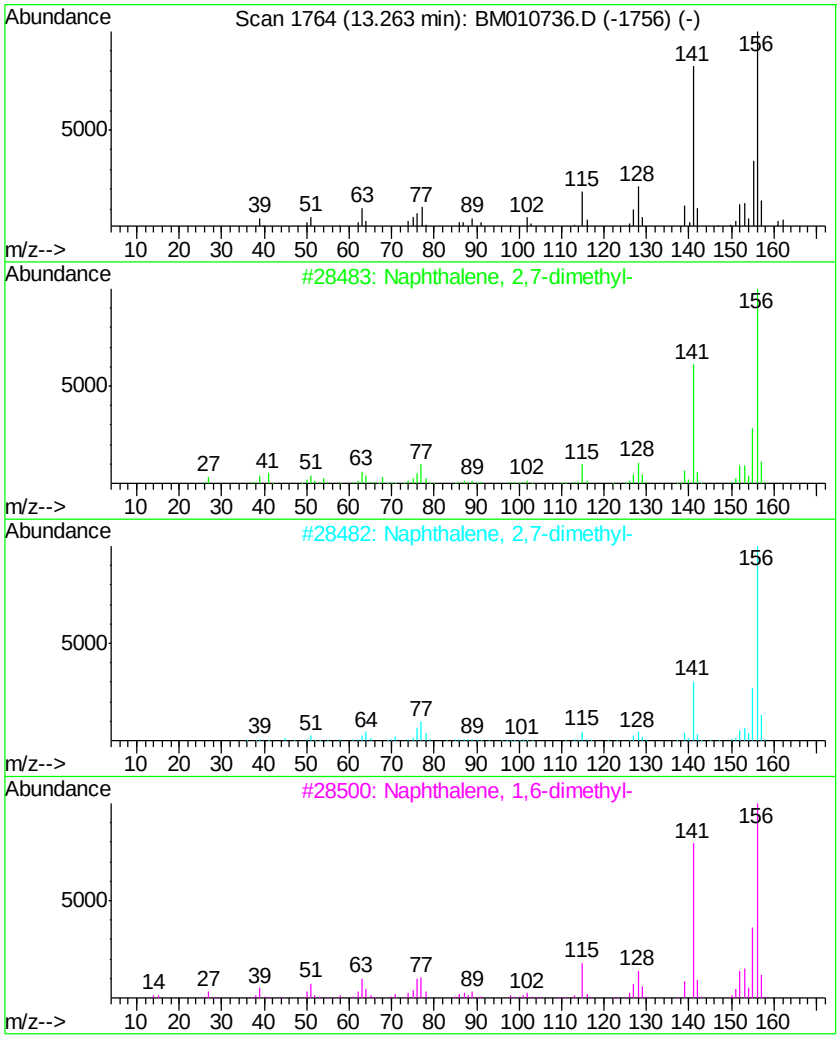
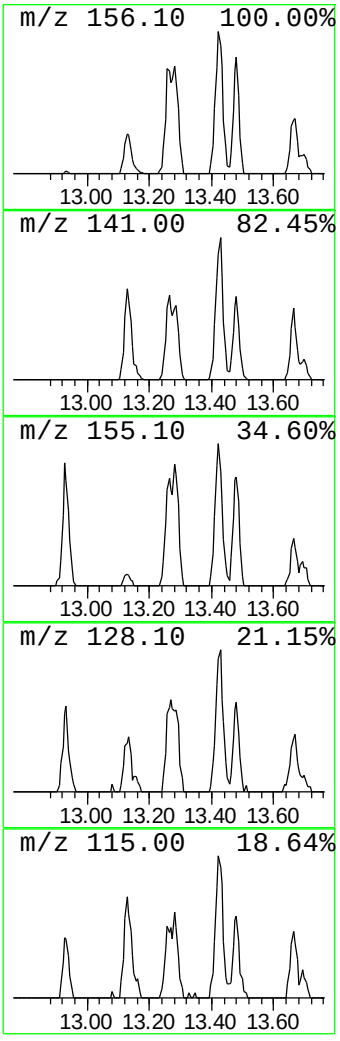
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.20 ng/ul	177444	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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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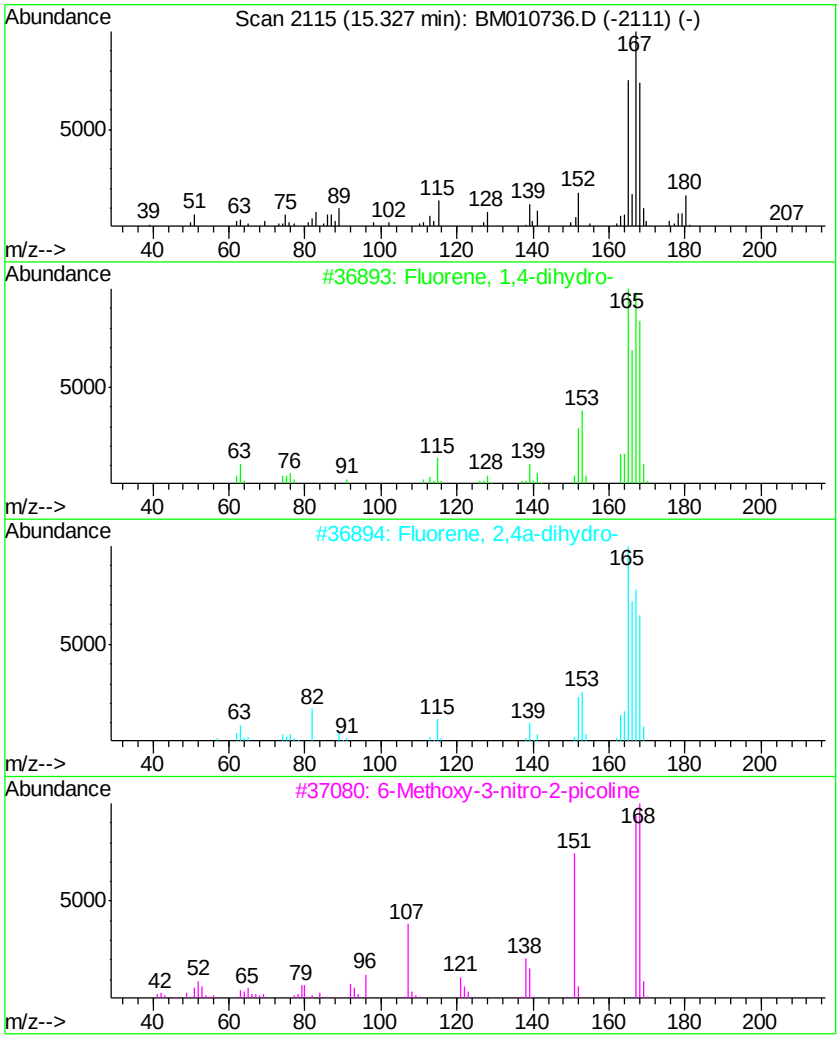
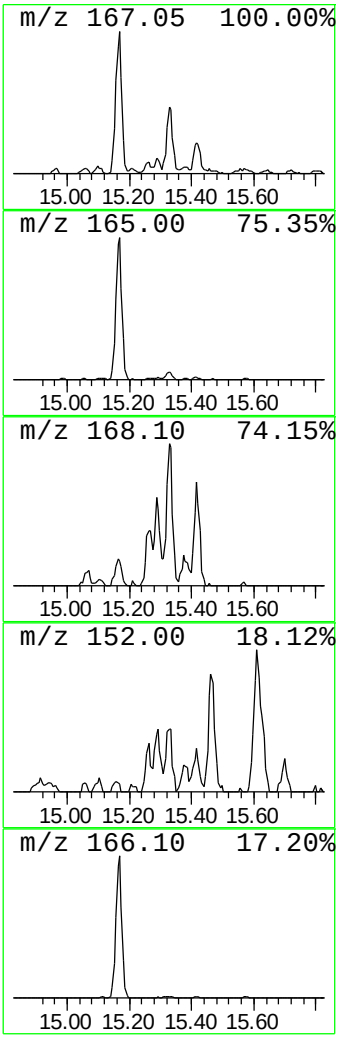
Peak Number 7 Fluorene, 1,4-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.52 ng/ul	139486	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	78
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	53
3	6-Methoxy-3-nitro-2-picoline	168	C7H8N2O3	005467-69-6	47
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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

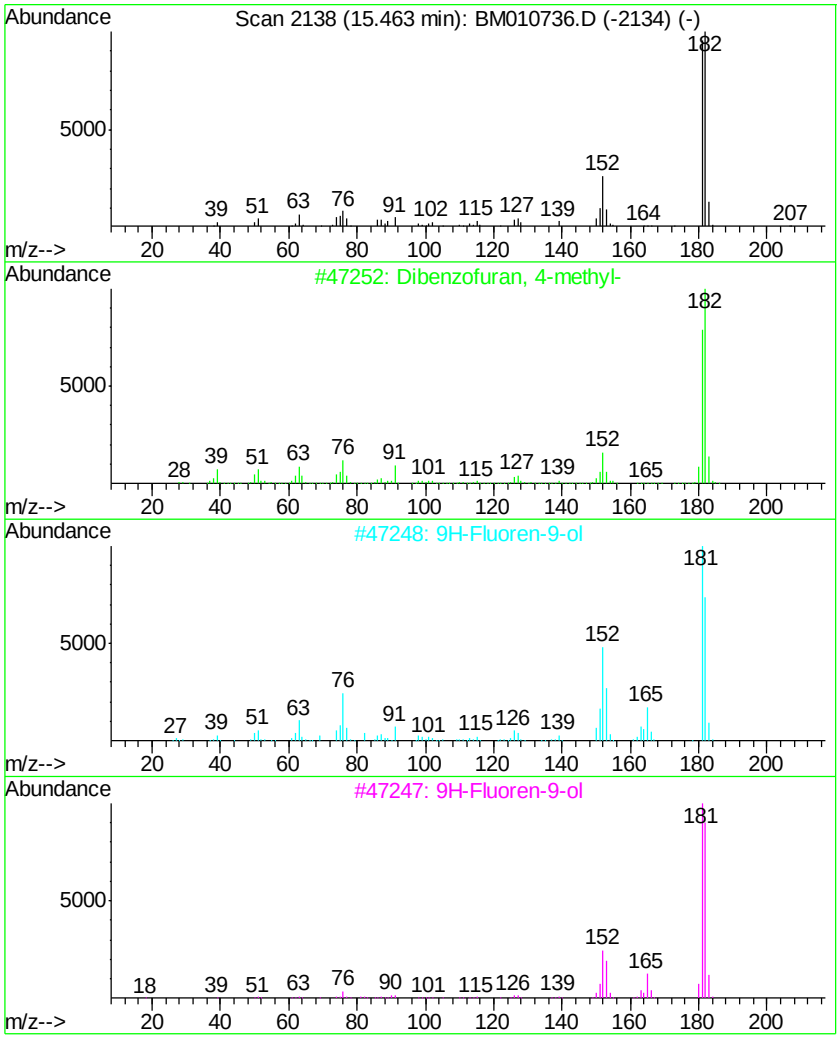
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

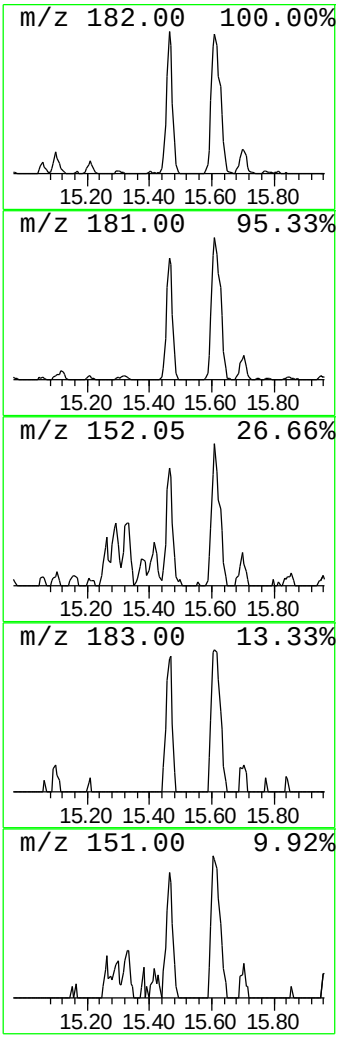
****

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.58 ng/ul	198705	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	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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

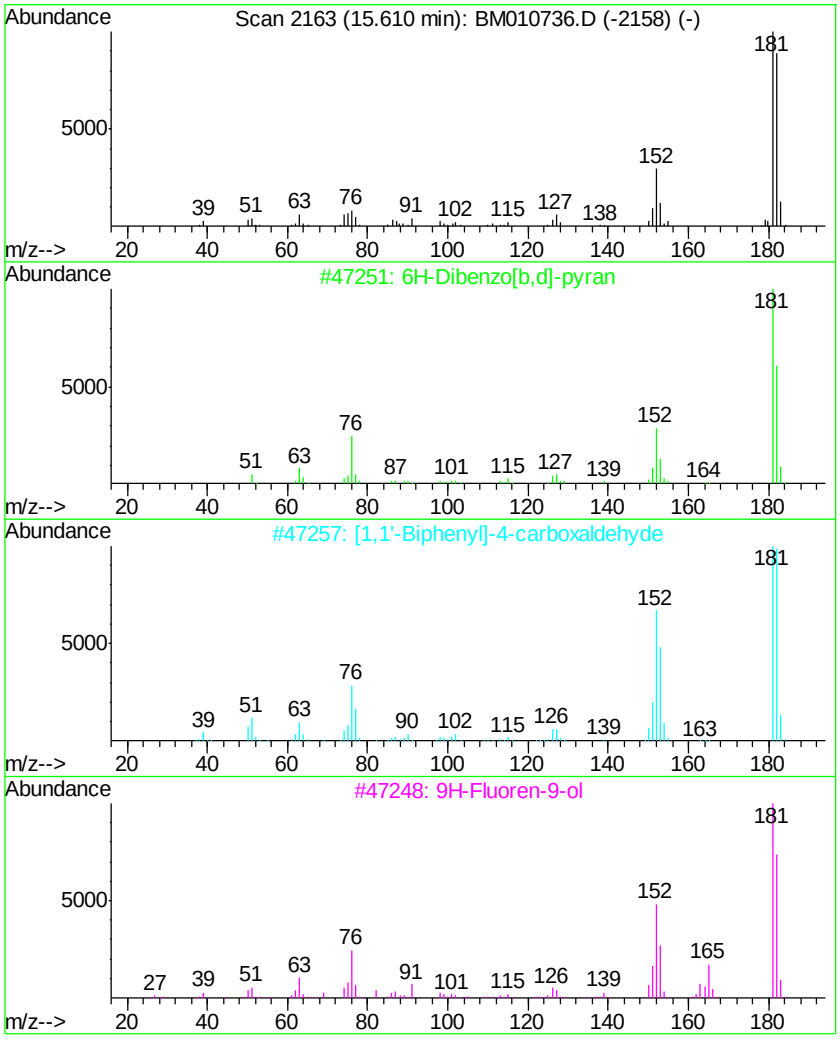
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

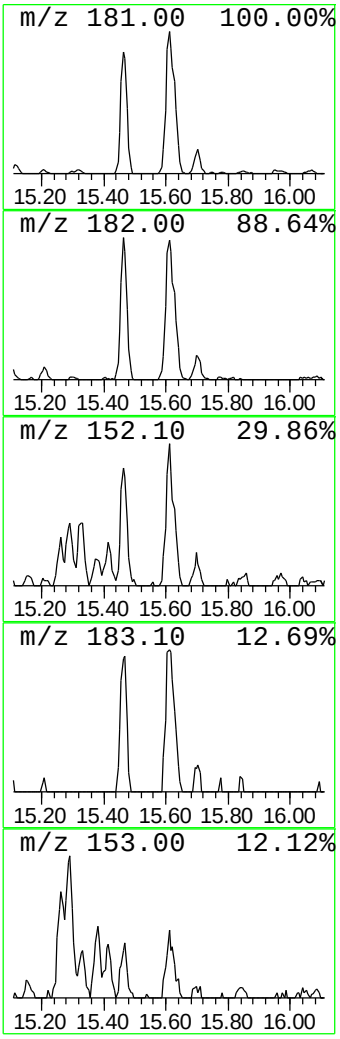
****

Peak Number 9 6H-Dibenzo[b,d]-pyran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	4.29 ng/ul	298810	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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

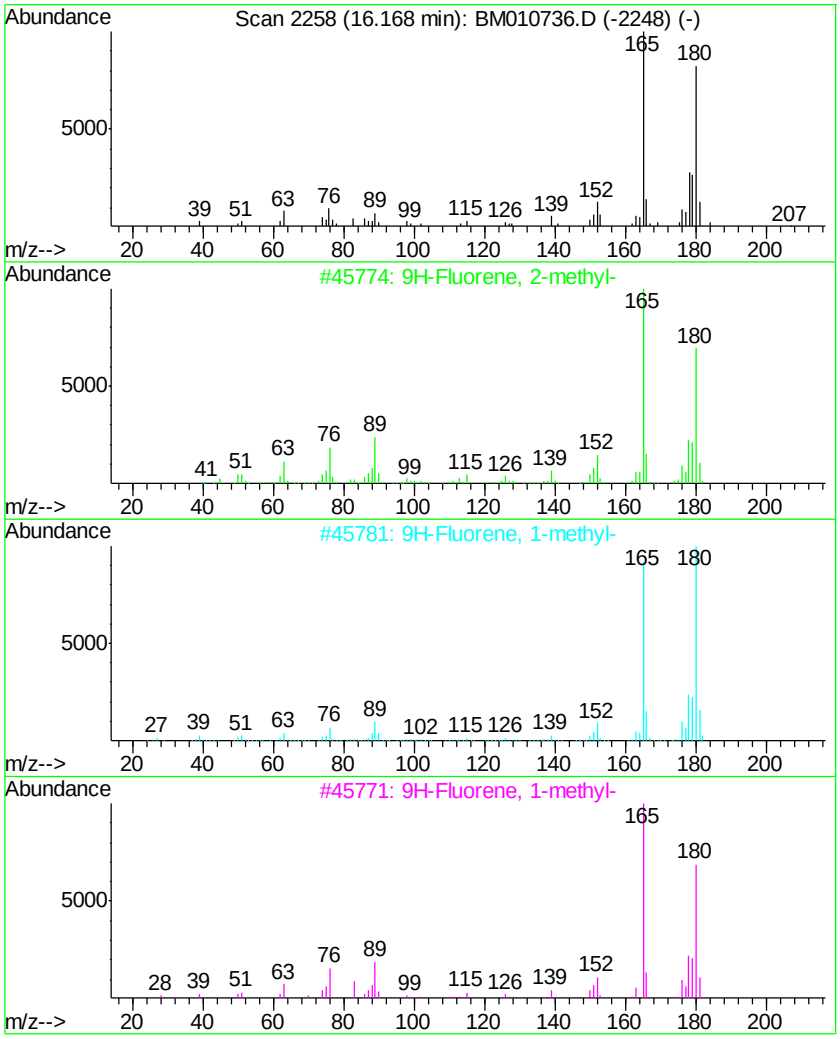
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

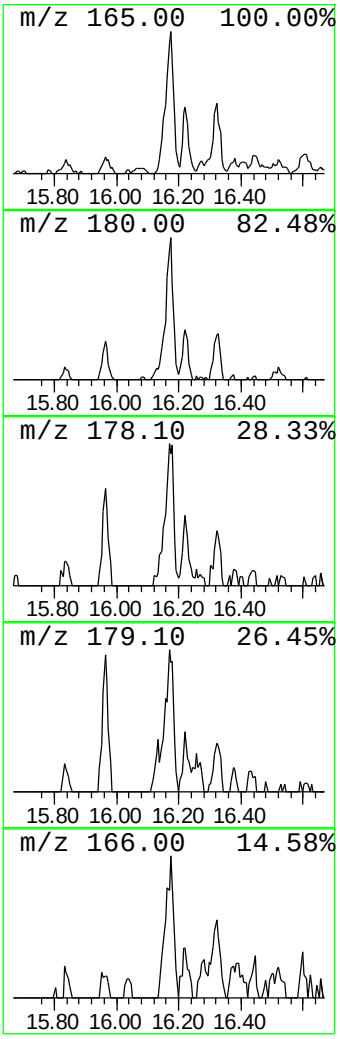
****

Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.94 ng/ul	204362	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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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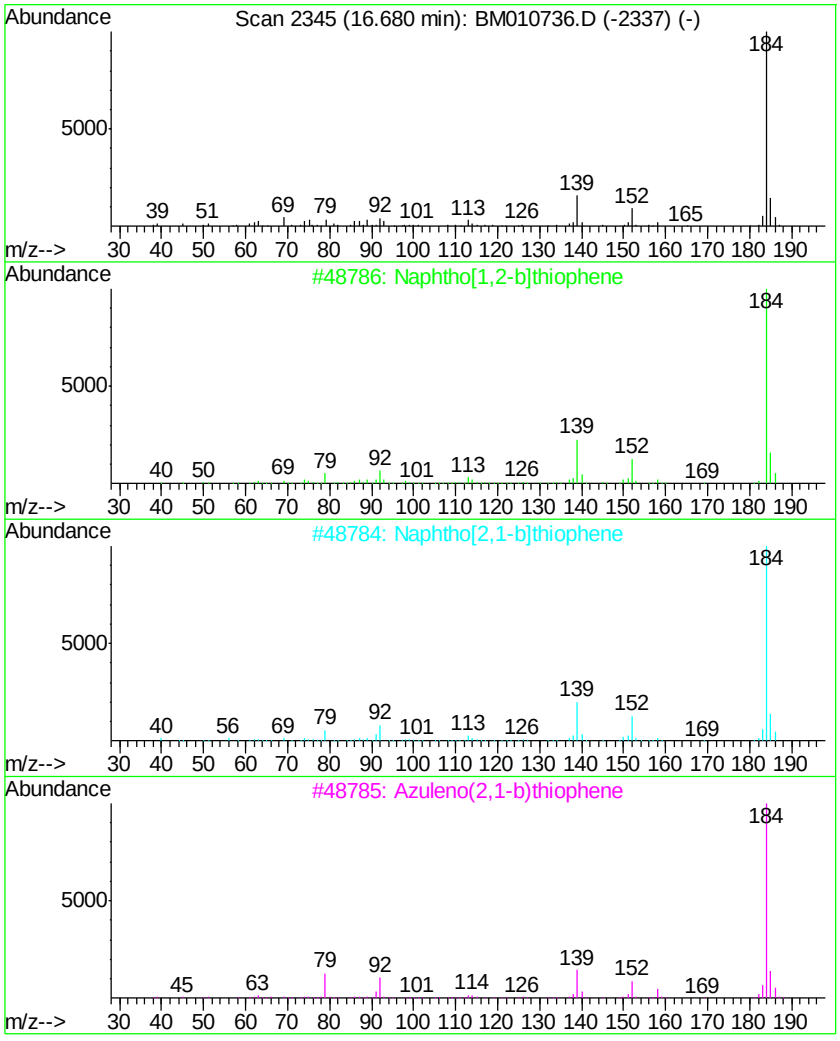
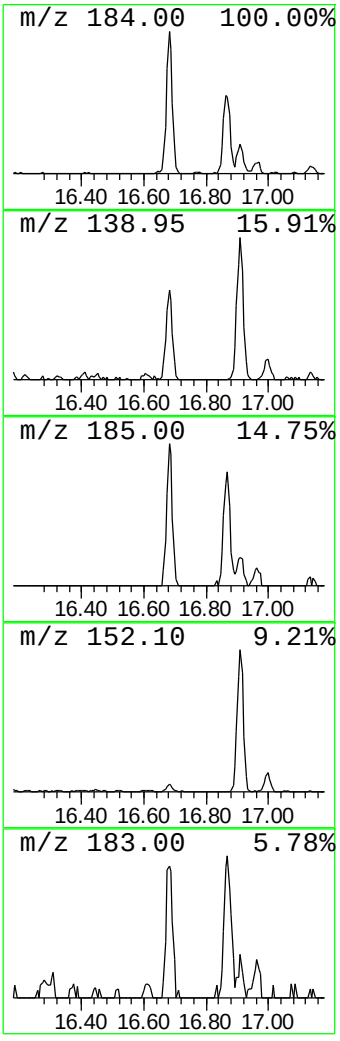
Peak Number 11 Naphtho[1,2-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	4.23 ng/ul	294006	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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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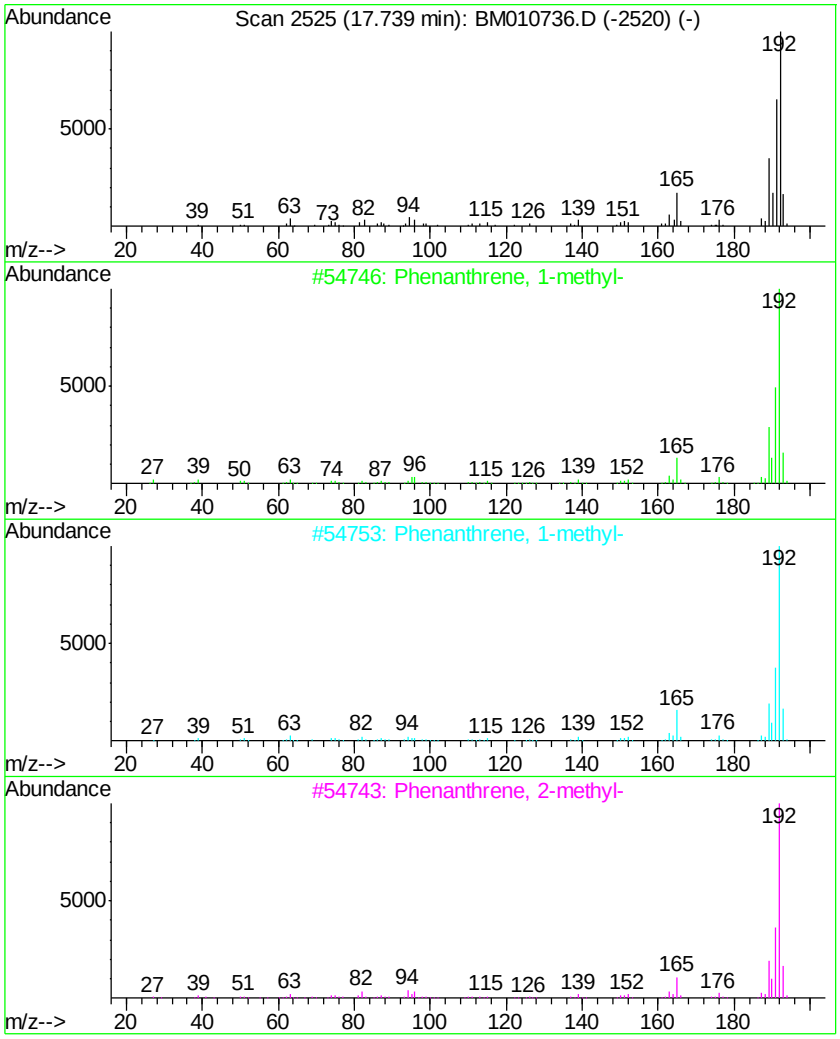
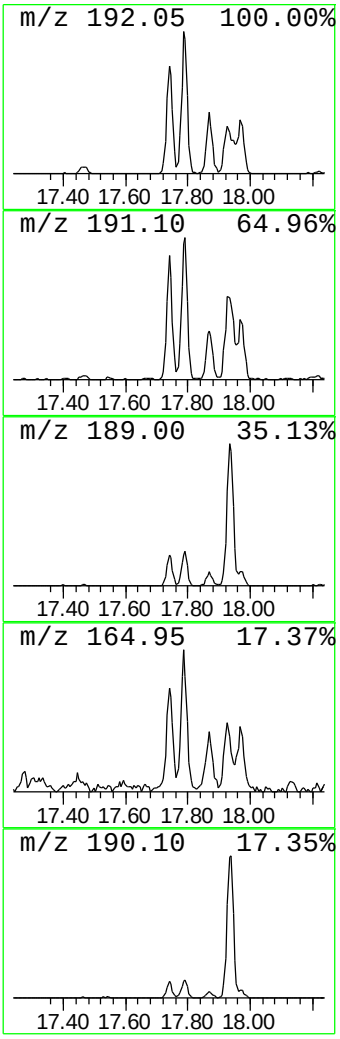
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	3.89 ng/ul	270759	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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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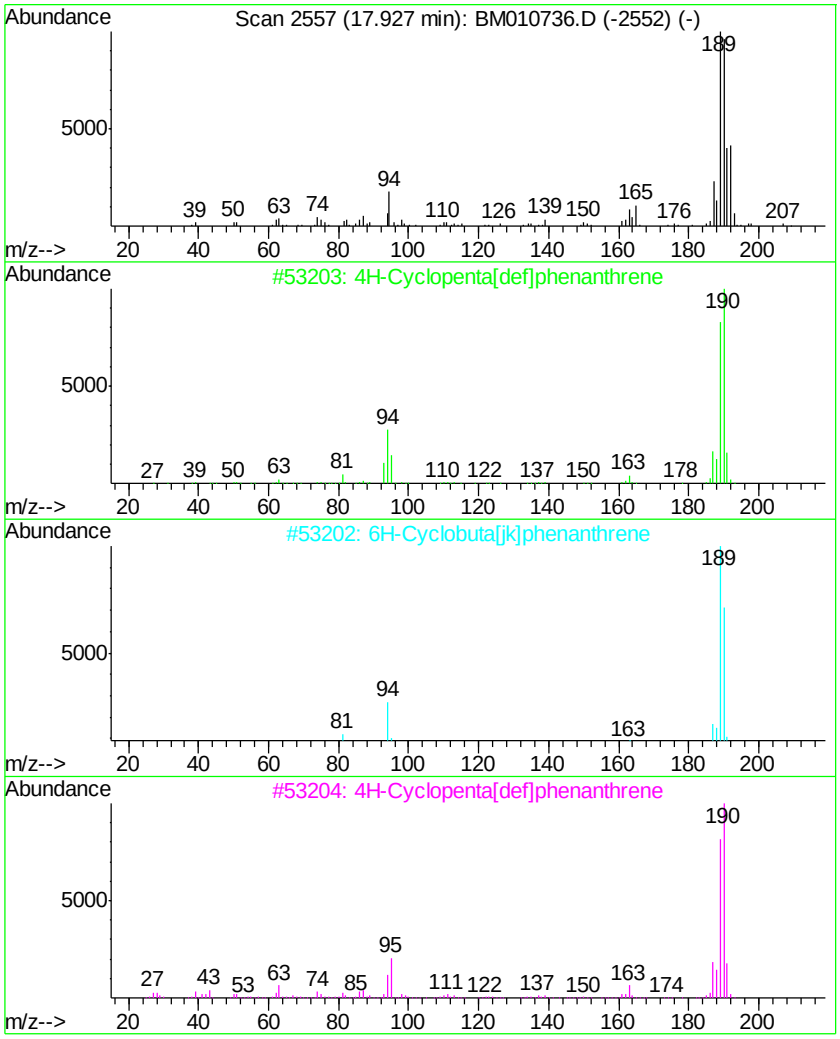
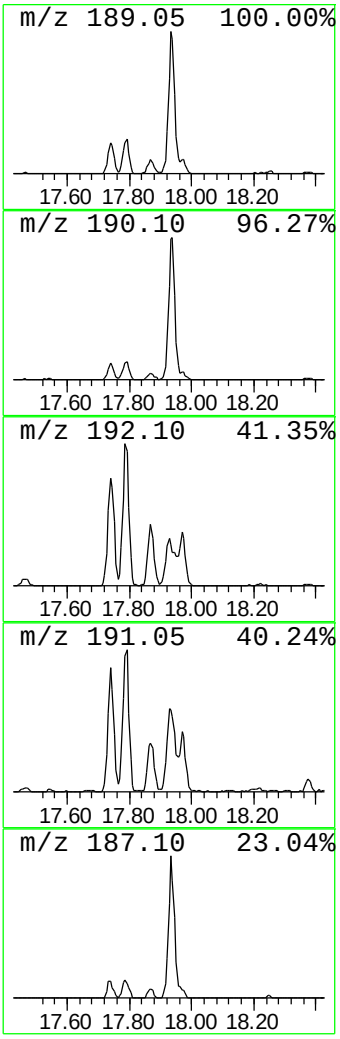
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	8.72 ng/ul	606417	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

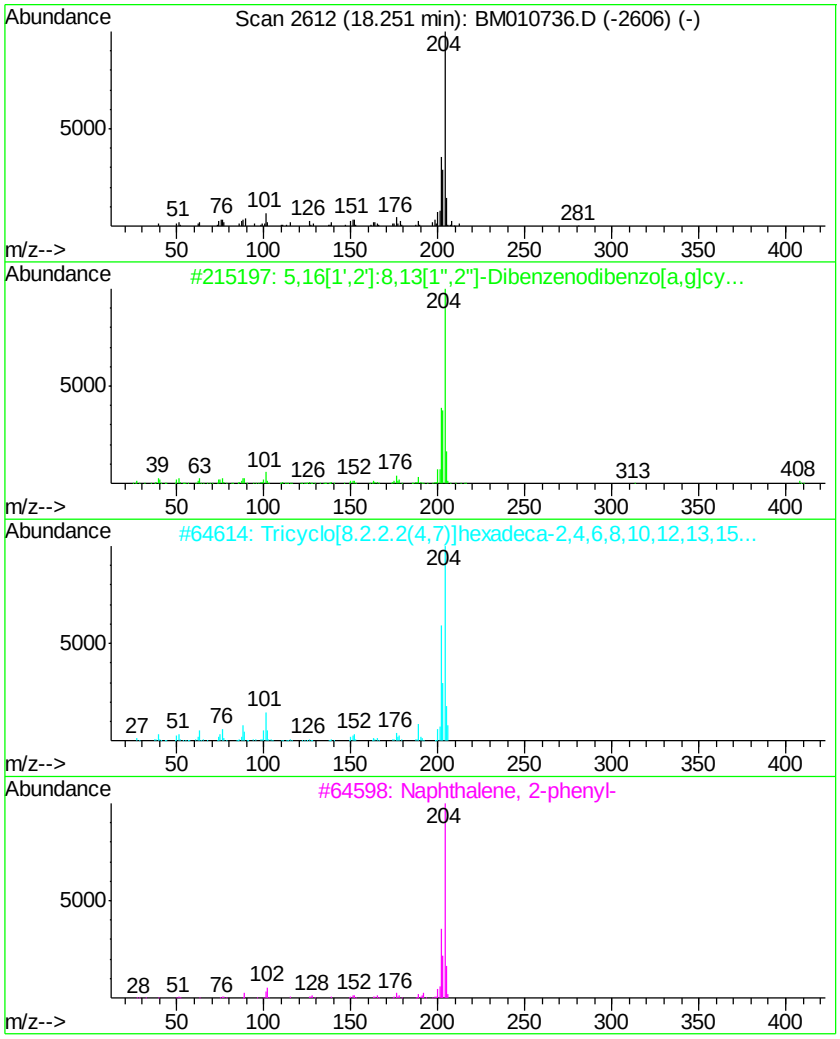
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

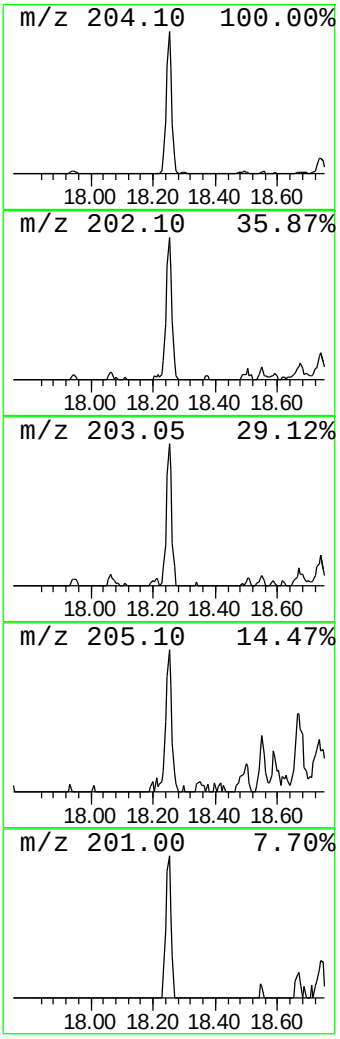
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.97 ng/ul	206558	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	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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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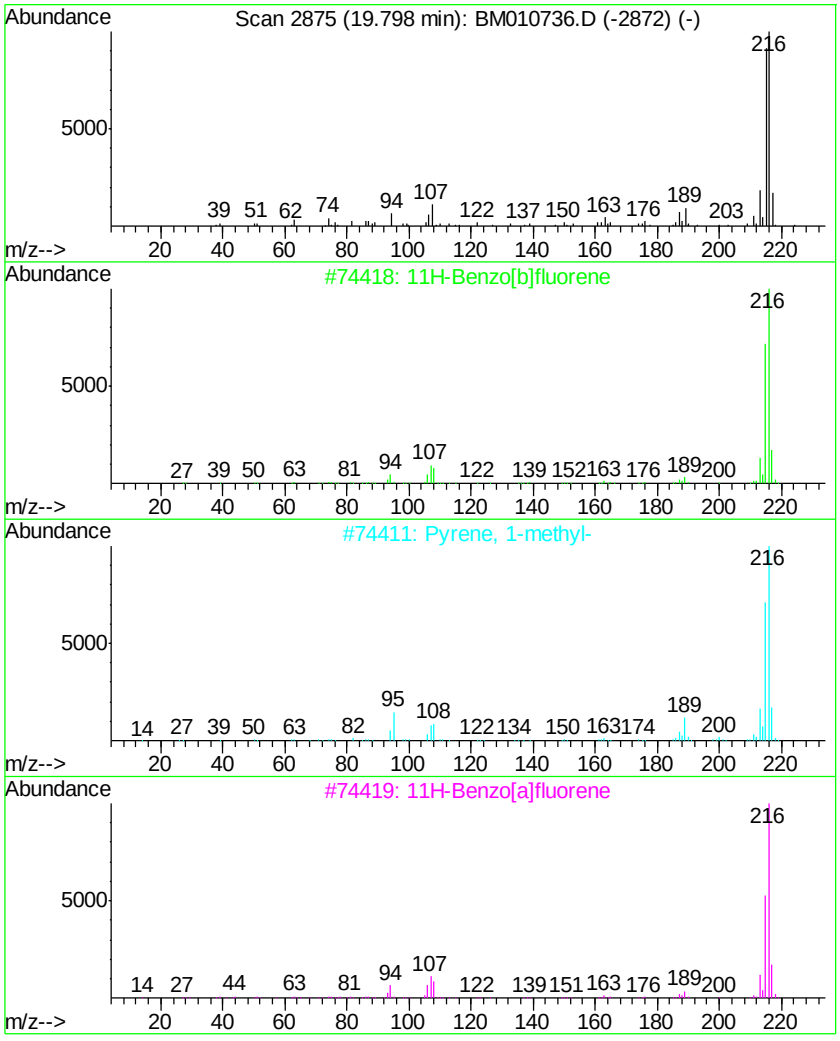
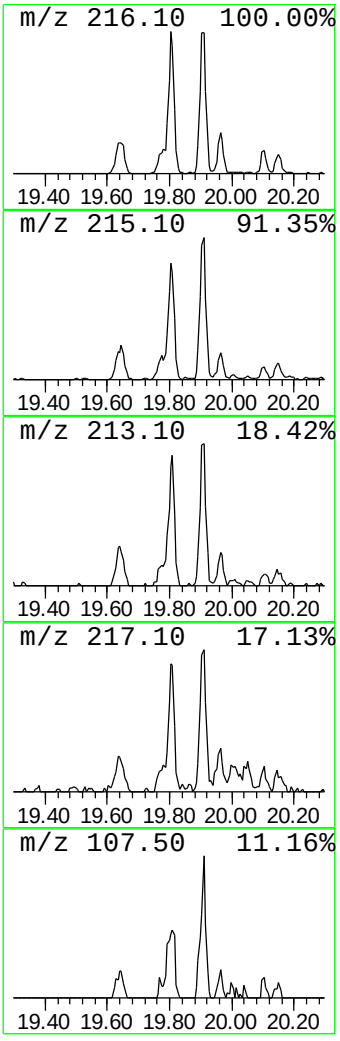
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.86 ng/ul	361997	Chrysene-d12	21.08

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	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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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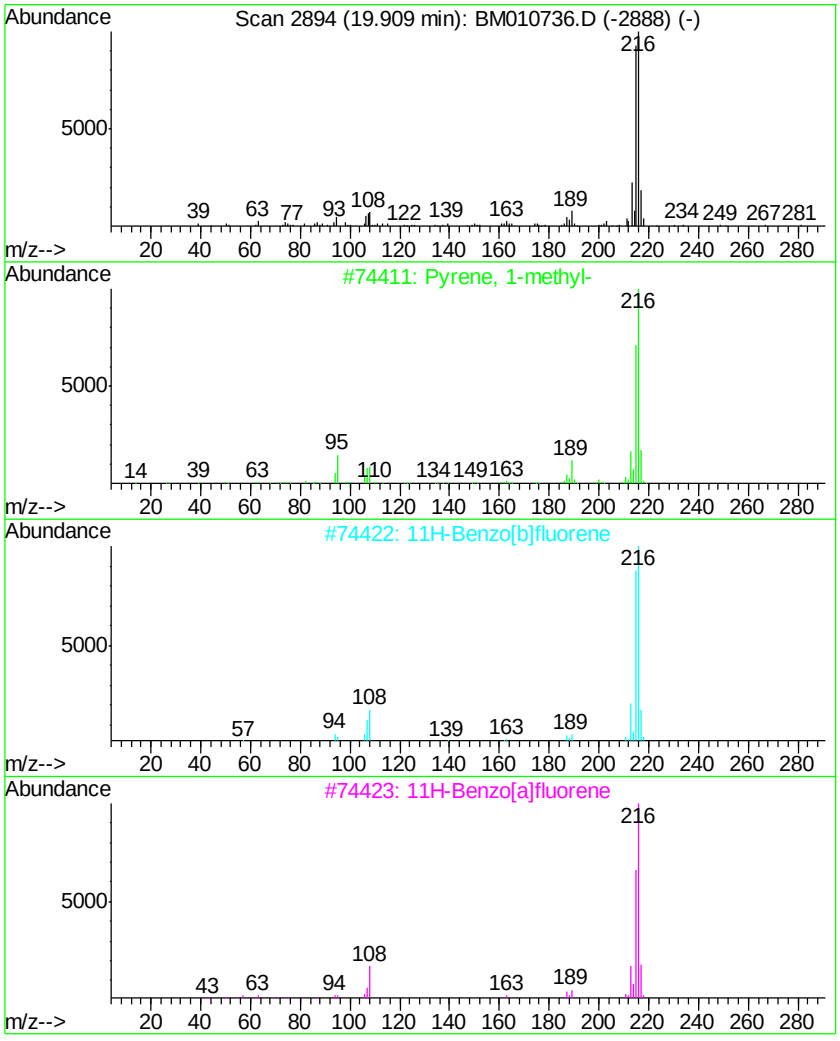
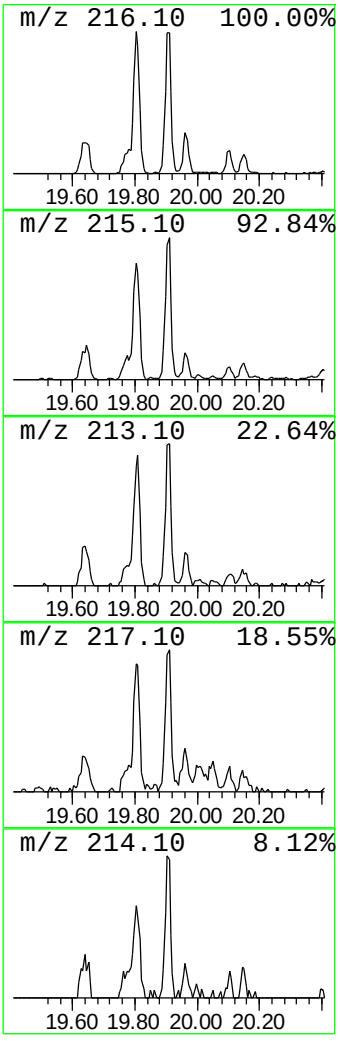
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	3.03 ng/ul	382566	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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

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
Indane	7.83	3.5	ng/ul	75272	1	7.46	435066	20.0
Benzene, 1-propynyl-	7.99	5.0	ng/ul	108434	1	7.46	435066	20.0
Naphthalene, 1-me...	12.12	19.7	ng/ul	659533	2	10.22	668135	20.0
Naphthalene, 1-et...	13.13	2.1	ng/ul	114689	3	14.11	1108840	20.0
Naphthalene, 2,7-...	13.26	3.2	ng/ul	177444	3	14.11	1108840	20.0
Fluorene, 1,4-dih...	15.33	2.5	ng/ul	139486	3	14.11	1108840	20.0
Dibenzofuran, 4-m...	15.46	3.6	ng/ul	198705	3	14.11	1108840	20.0
6H-Dibenzo[b,d]-p...	15.61	4.3	ng/ul	298810	4	16.86	1391440	20.0
9H-Fluorene, 2-me...	16.17	2.9	ng/ul	204362	4	16.86	1391440	20.0
Naphtho[1,2-b]thi...	16.68	4.2	ng/ul	294006	4	16.86	1391440	20.0
Phenanthrene, 1-m...	17.74	3.9	ng/ul	270759	4	16.86	1391440	20.0
4H-Cyclopenta[def...	17.93	8.7	ng/ul	606417	4	16.86	1391440	20.0
5,16[1',2']:8,13[...	18.25	3.0	ng/ul	206558	4	16.86	1391440	20.0
11H-Benzo[b]fluorene	19.80	2.9	ng/ul	361997	5	21.08	2528610	20.0
Pyrene, 1-methyl-	19.91	3.0	ng/ul	382566	5	21.08	2528610	20.0