LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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	6.175	552	559	566	rBV	160331	240119	1.53%	0.240%
2	7.463	771	778	784	rBV	307212	470206	3.00%	0.471%
3	7.828	834	840	848	rBV	263663	391846	2.50%	0.392%
4	7.987	856	867	874	rBV	280119	434666	2.77%	0.435%
5	9.633	1138	1147	1158	rBV4	119303	297194	1.90%	0.297%
6	10.228	1238	1248	1251	rBV	419983	740620	4.72%	0.741%
7	10.286	1251	1258	1265	rVV	9207528	15679974	100.00%	15.695%
8	10.392	1265	1276	1288	rVV	395829	788256	5.03%	0.789%
9	11.904	1523	1533	1540	rBV	3293132	5262840	33.56%	5.268%
10	12.122	1558	1570	1581	rVB	1481874	2387386	15.23%	2.390%
11	12.933	1701	1708	1715	rBV	701600	1038994	6.63%	1.040%
12	13.133	1736	1742	1752	rVB	248803	428948	2.74%	0.429%
13	13.269	1755	1765	1766	rBV	380604	549251	3.50%	0.550%
14	13.427	1783	1792	1797	rBV	568156	958920	6.12%	0.960%
15	13.480	1797	1801	1806	rVV	379028	567939	3.62%	0.568%
16	13.533	1806	1810	1818	rVB	156903	232013	1.48%	0.232%
17	13.668	1827	1833	1836	rBV	228909	337578	2.15%	0.338%
18	13.798	1849	1855	1858	rBV	168238	268072	1.71%	0.268%
19	13.833	1858	1861	1867	rVB3	206987	282094	1.80%	0.282%
20	14.116	1899	1909	1914	rBV4	744119	1464936	9.34%	1.466%
21	14.180	1914	1920	1928	rVV	2706033	3885378	24.78%	3.889%
22	14.245	1928	1931	1939	rVB	121279	168077	1.07%	0.168%
23	14.321	1939	1944	1954	rBV3	123580	252576	1.61%	0.253%
24	14.427	1954	1962	1967	rVB3	118052	197027	1.26%	0.197%
25	14.515	1967	1977	1985	rVB	2190863	3206455	20.45%	3.210%
26	14.598	1985	1991	1996	rBV	124150	170639	1.09%	0.171%
27	14.739	2007	2015	2020	rBV3	86227	157992	1.01%	0.158%
28	15.110	2074	2078	2083	rVB2	227837	347239	2.21%	0.348%
29	15.174	2083	2089	2094	rBV	2844343	3927014	25.04%	3.931%
30	15.262	2098	2104	2107	rVV4	95015	188311	1.20%	0.188%
31	15.292	2107	2109	2112	rVV	144498	182588	1.16%	0.183%
32	15.333	2112	2116	2121	rVB	303966	418680	2.67%	0.419%
33	15.421	2127	2131	2134	rVB	137261	170348	1.09%	0.171%
34	15.468	2134	2139	2150	rVB	422580	602045	3.84%	0.603%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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	15.615	2154	2164	2172	rVB	437993	915415	5.84%	0.916%
36	15.839	2198	2202	2214	rVB3	79756	158792	1.01%	0.159%
37	15.968	2217	2224	2231	rBV4	112531	189994	1.21%	0.190%
38	16.174	2248	2259	2264	rBV2	290394	619080	3.95%	0.620%
39	16.327	2279	2285	2290	rVB3	125545	219719	1.40%	0.220%
40	16.604	2326	2332	2338	rBV2	150679	288862	1.84%	0.289%
41	16.686	2338	2346	2356	rVB	594317	932067	5.94%	0.933%
42	16.868	2367	2377	2380	rBV	930526	1446691	9.23%	1.448%
43	16.921	2380	2386	2391	rVV	9461942	12938870	82.52%	12.951%
44	16.968	2391	2394	2396	rVV2	294520	383823	2.45%	0.384%
45	17.004	2396	2400	2406	rVB	1300387	1723315	10.99%	1.725%
46	17.274	2441	2446	2450	rBV	583707	792548	5.05%	0.793%
47	17.445	2470	2475	2484	rVB4	64906	166772	1.06%	0.167%
48	17.745	2521	2526	2530	rBV	551888	737931	4.71%	0.739%
49	17.792	2530	2534	2542	rVB	828771	1093467	6.97%	1.095%
50	17.874	2542	2548	2553	rBV	328489	476226	3.04%	0.477%
51	17.939	2553	2559	2563	rBV2	1014091	1656351	10.56%	1.658%
52	17.974	2563	2565	2573	rVB	289740	333876	2.13%	0.334%
53	18.251	2608	2612	2617	rVB	403014	542653	3.46%	0.543%
54	18.674	2678	2684	2690	rBV2	181863	363522	2.32%	0.364%
55	18.739	2690	2695	2698	rBV2	118170	175266	1.12%	0.175%
56	18.945	2724	2730	2736	rBV	5640453	7296948	46.54%	7.304%
57	19.186	2766	2771	2776	rBV2	165753	222431	1.42%	0.223%
58	19.280	2781	2787	2788	rVV	1185217	1481276	9.45%	1.483%
59	19.309	2788	2792	2796	rVV	3291392	4676063	29.82%	4.681%
60	19.380	2800	2804	2812	rVB3	200158	336453	2.15%	0.337%
61	19.492	2816	2823	2828	rBV	223388	318474	2.03%	0.319%
62	19.639	2840	2848	2853	rBV2	203981	534971	3.41%	0.535%
63	19.774	2866	2871	2873	rVV2	157631	272292	1.74%	0.273%
64	19.809	2873	2877	2882	rVB	736032	955944	6.10%	0.957%
65	19.909	2889	2894	2898	rBV	835967	1009019	6.44%	1.010%
66	19.962	2898	2903	2908	rVV3	274306	451296	2.88%	0.452%
67	20.156	2931	2936	2945	rVB3	114761	240336	1.53%	0.241%
68	20.521	2993	2998	3003	rBV2	110065	190348	1.21%	0.191%
69	20.727	3029	3033	3036	rBV	203186	242842	1.55%	0.243%
70	20.768	3036	3040	3043	rVV	193248	244530	1.56%	0.245%
71	20.797	3043	3045	3051	rVB2	111569	163134	1.04%	0.163%

LSC Area Percent Report

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Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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	rVV3	1849592	3636679	23.19%	3.640%
73	21.121	3097	3100	3107	rVB	843665	1084521	6.92%	1.086%
74	21.233	3116	3119	3123	rBV	214824	256524	1.64%	0.257%
75	21.392	3141	3146	3151	rBV2	131443	224053	1.43%	0.224%
76	21.621	3179	3185	3189	rBV	142363	225790	1.44%	0.226%
77	21.839	3219	3222	3228	rVB2	130491	171450	1.09%	0.172%
78	22.586	3343	3349	3354	rBV	330547	743772	4.74%	0.744%
79	23.033	3421	3425	3429	rBV	130687	211477	1.35%	0.212%
80	23.086	3430	3434	3437	rVV	153668	226053	1.44%	0.226%
81	23.127	3437	3441	3449	rVB	237367	451800	2.88%	0.452%
82	23.221	3450	3457	3463	rBV	657990	1184947	7.56%	1.186%

Sum of corrected areas: 99904884

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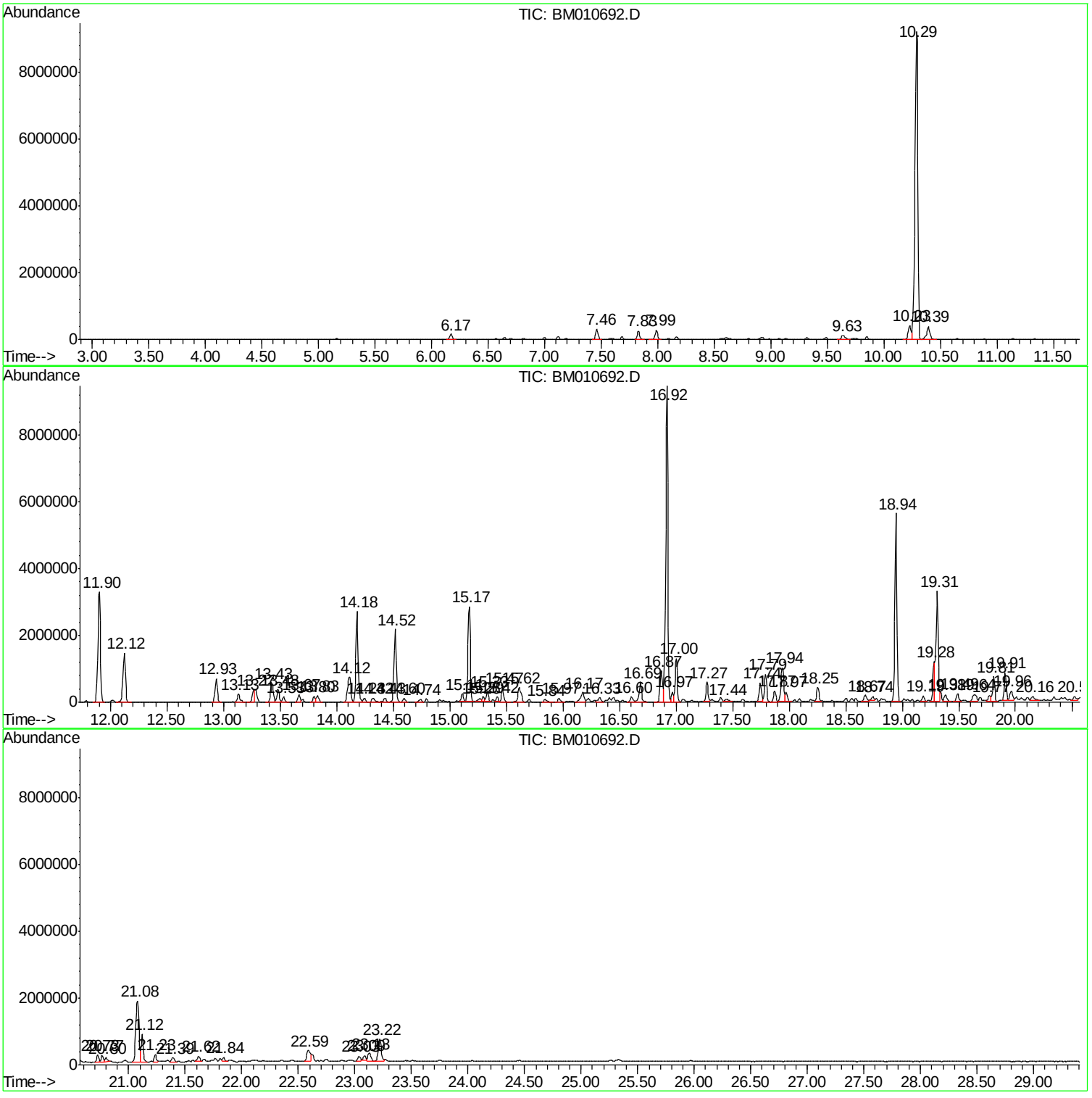
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D77ME

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 : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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

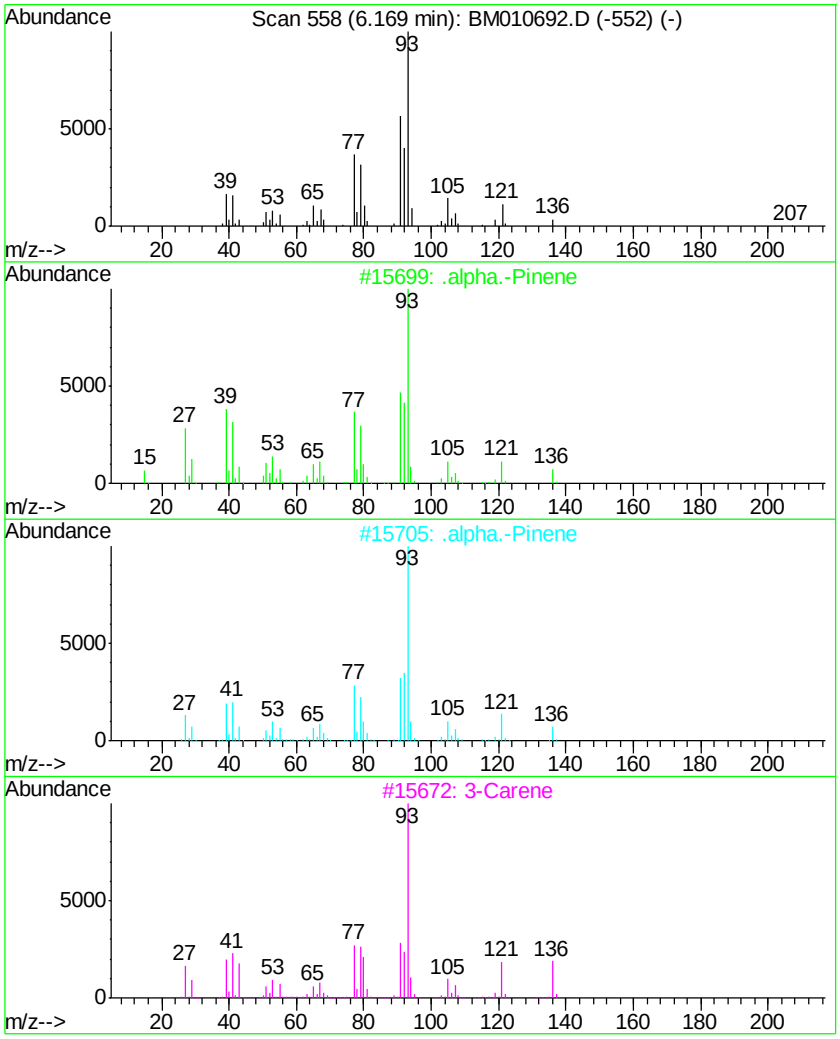
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

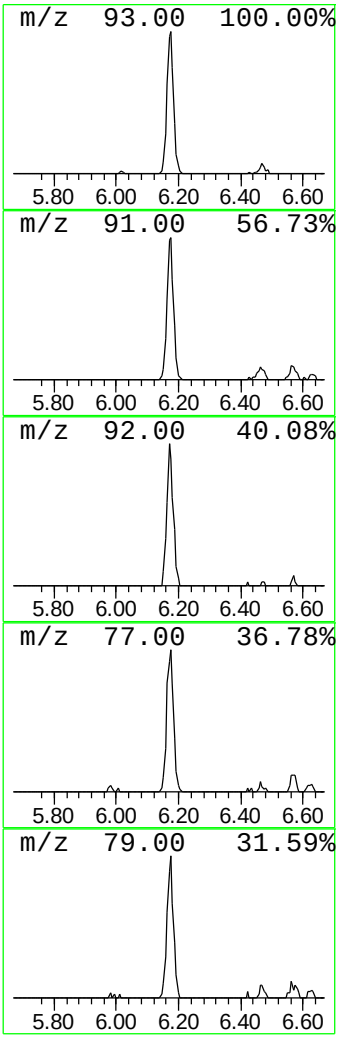
****

Peak Number 1 .alpha.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	10.21 ng/ul	240119	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	3-Carene	136	C10H16	013466-78-9	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5	3-Carene	136	C10H16	013466-78-9	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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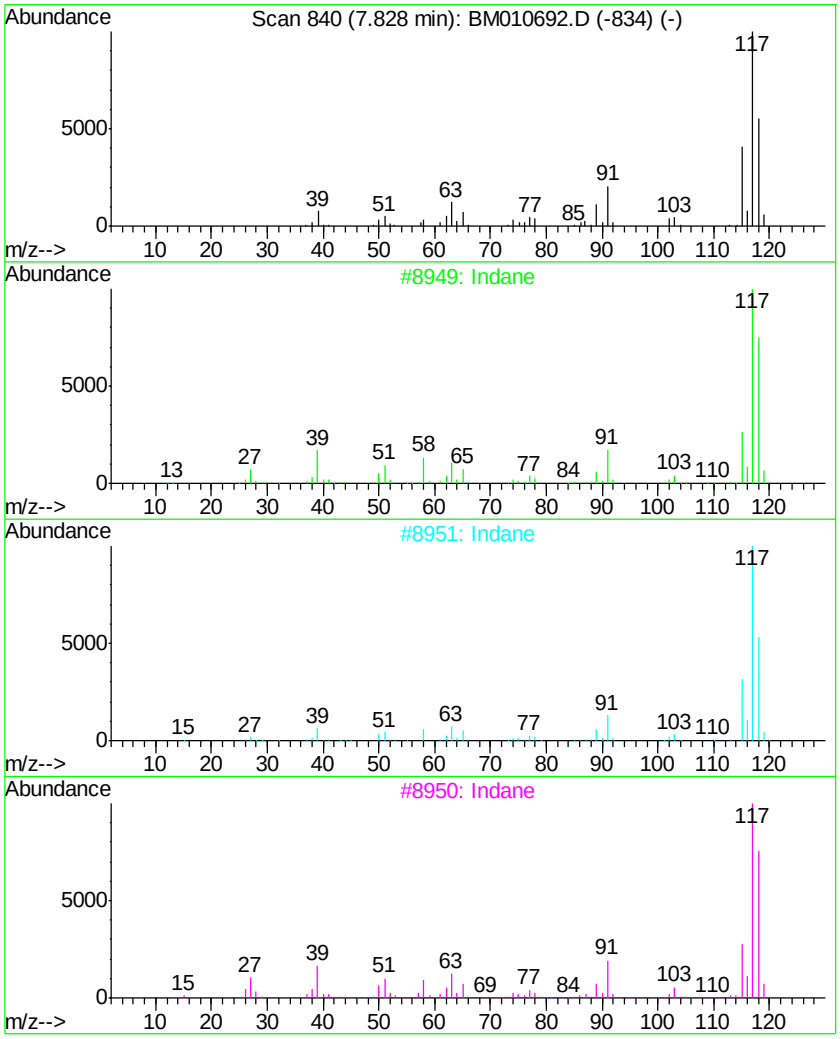
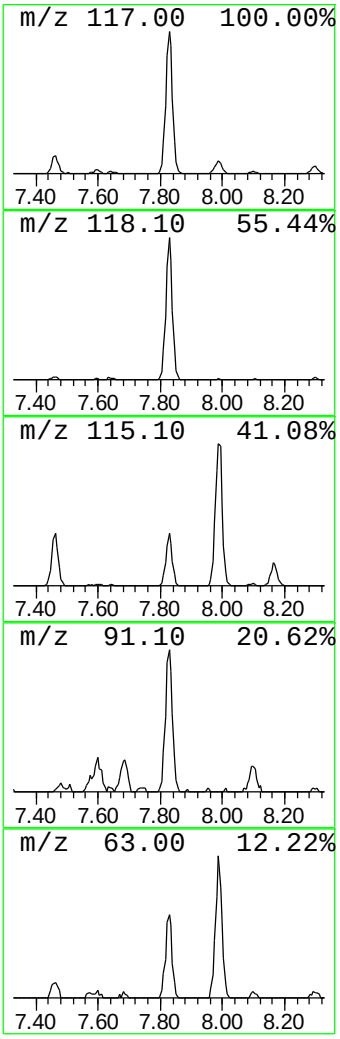
Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	16.67 ng/ul	391846	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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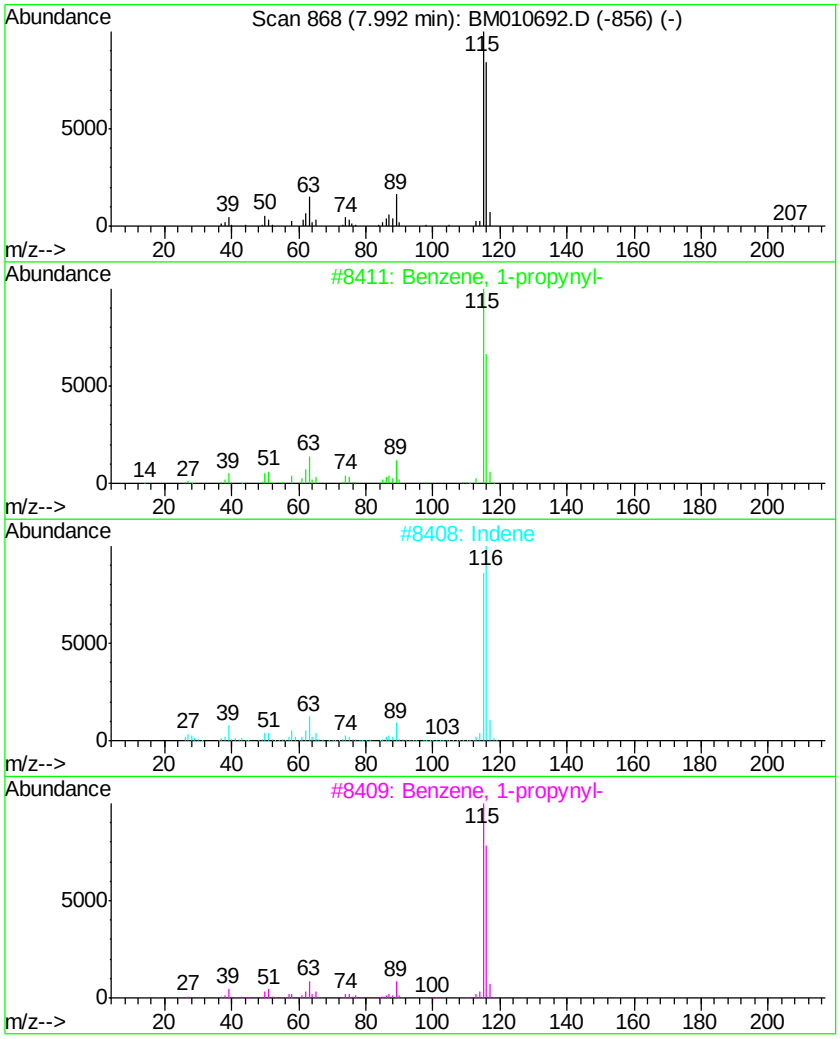
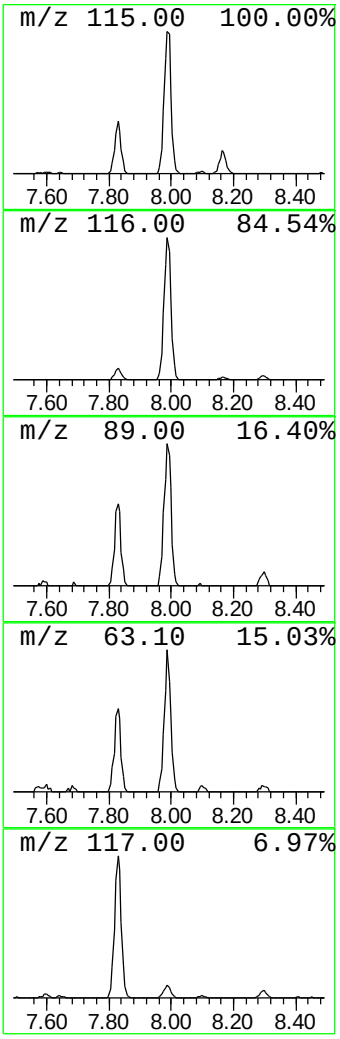
Peak Number 3 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	18.49 ng/ul	434666	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	97
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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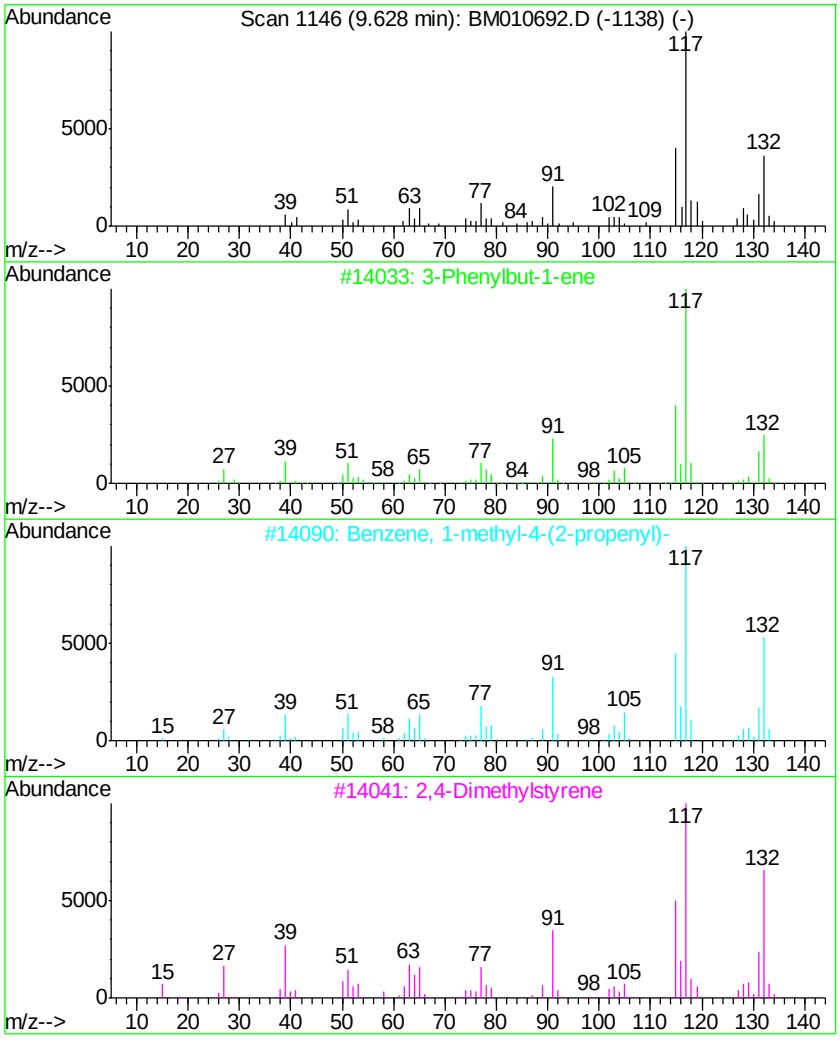
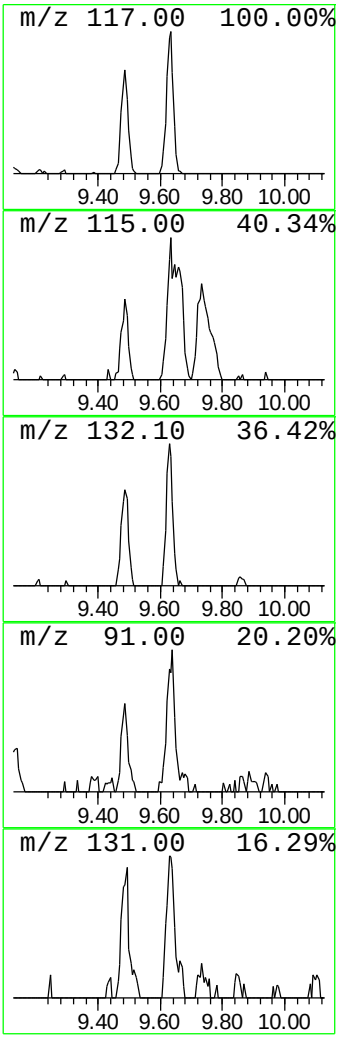
Peak Number 4 3-Phenylbut-1-ene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	8.03 ng/ul	297194	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	81
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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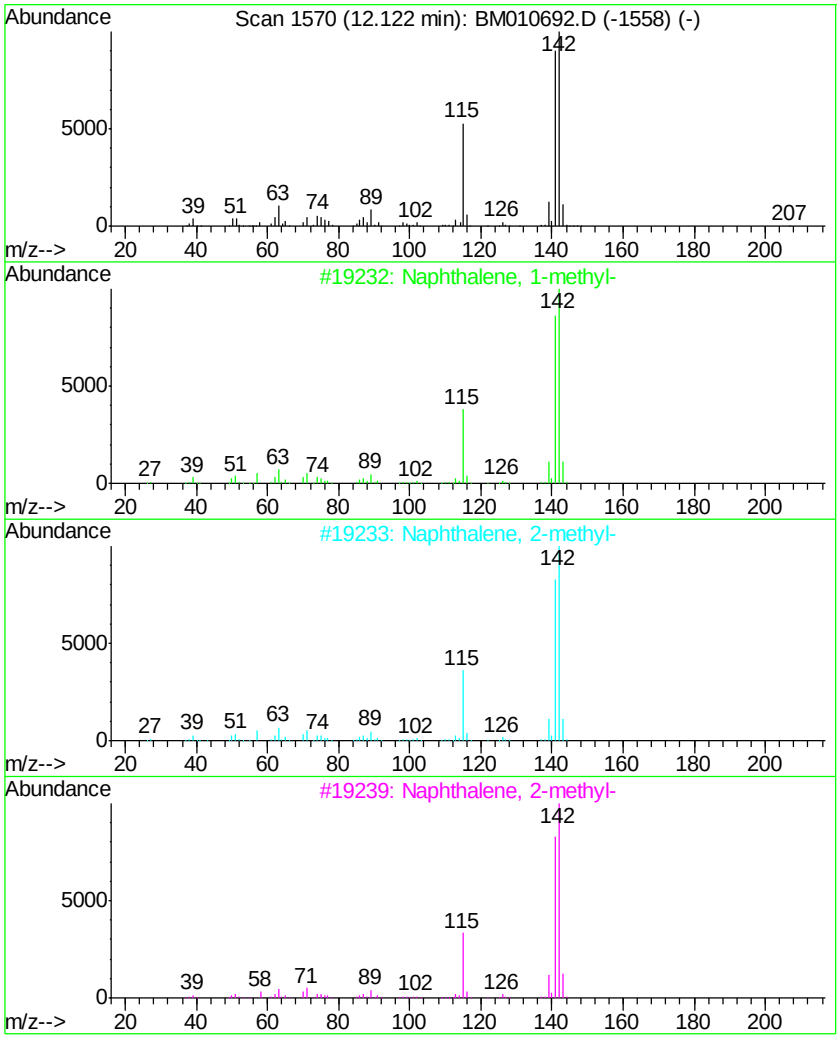
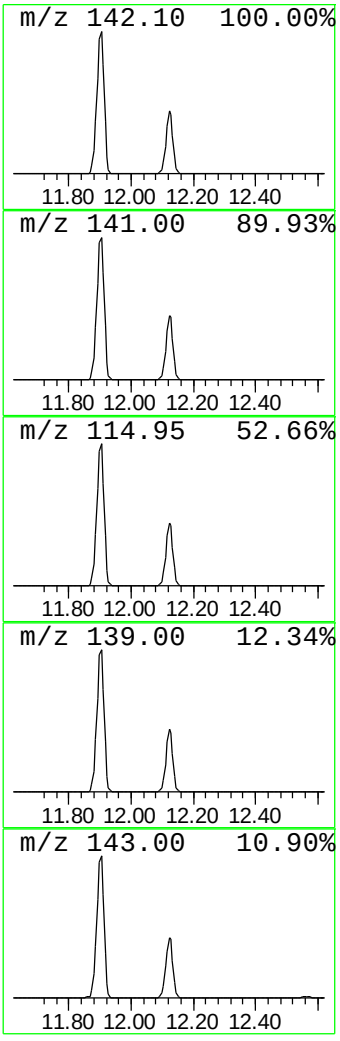
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	64.47 ng/ul	2387390	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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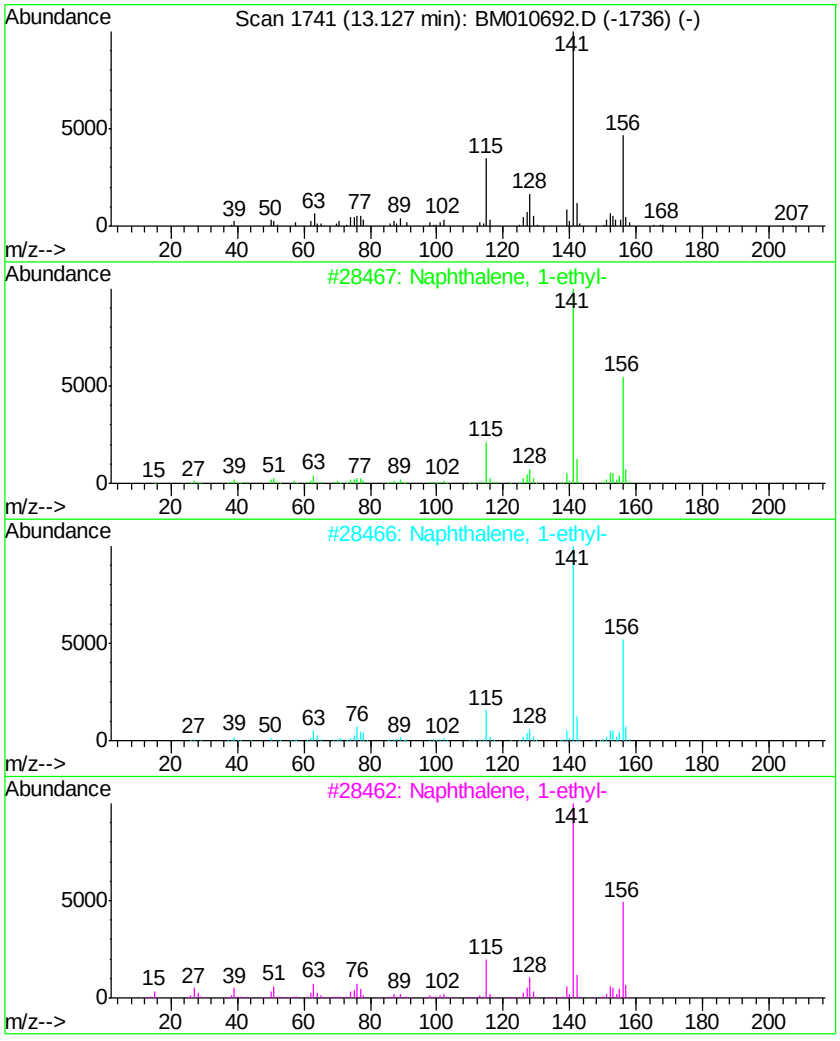
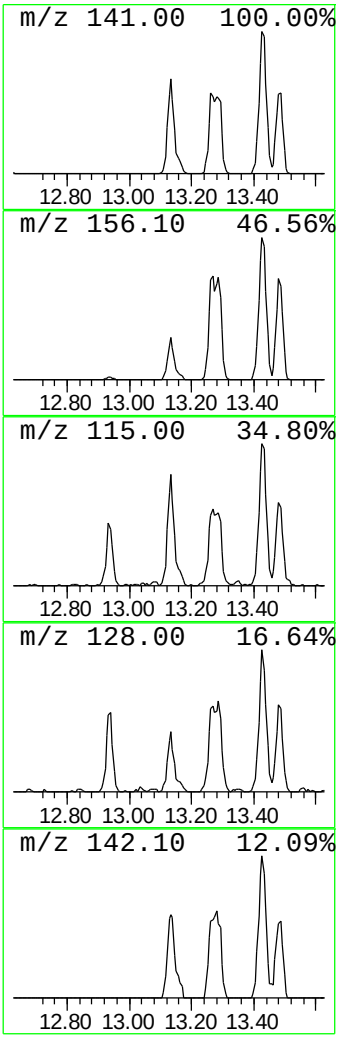
Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.86 ng/ul	428948	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87





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Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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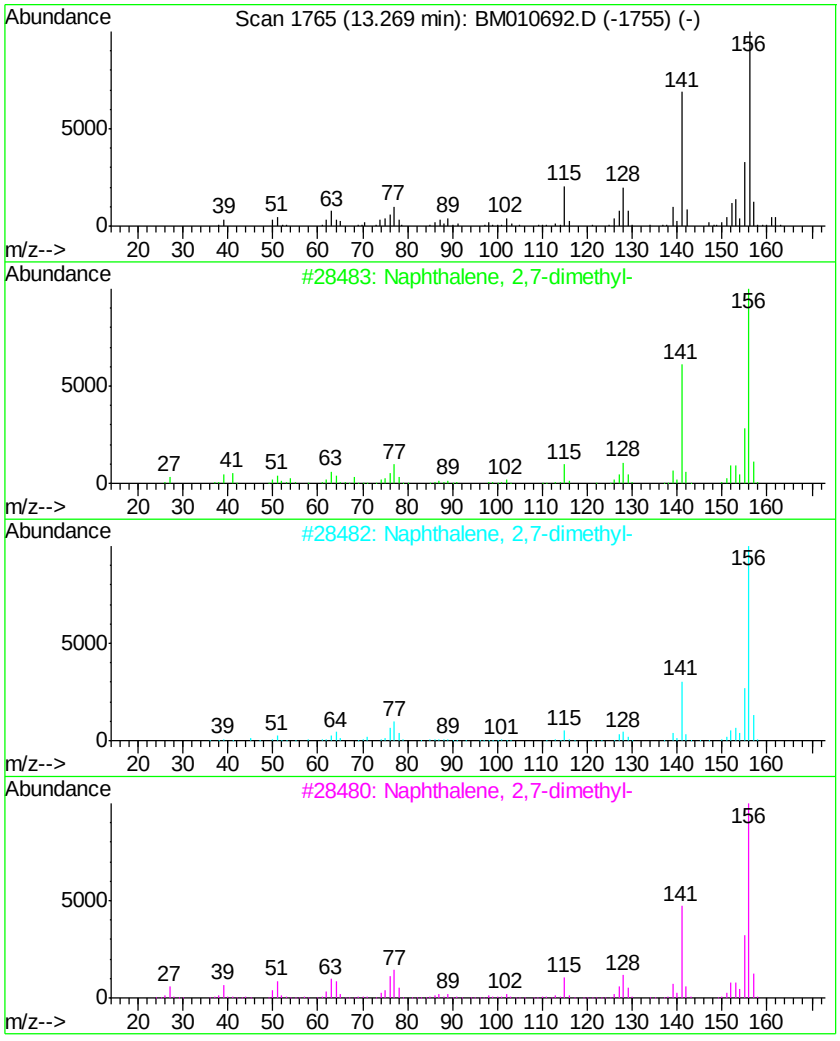
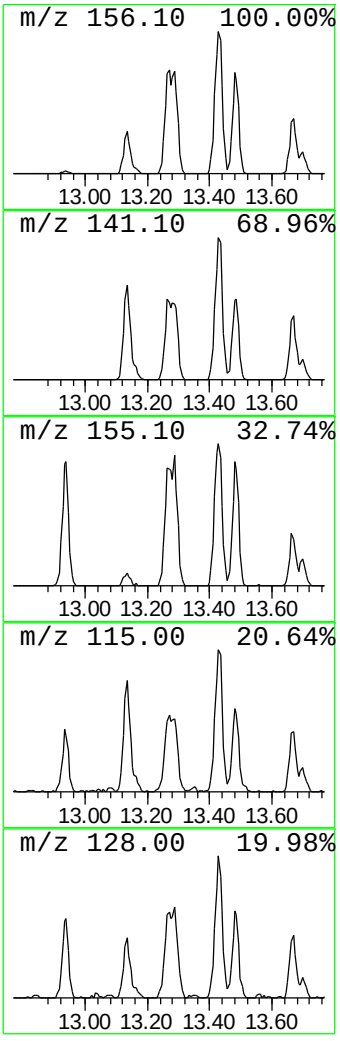
Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.50 ng/ul	549251	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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Sample : I3599-09ME 5X
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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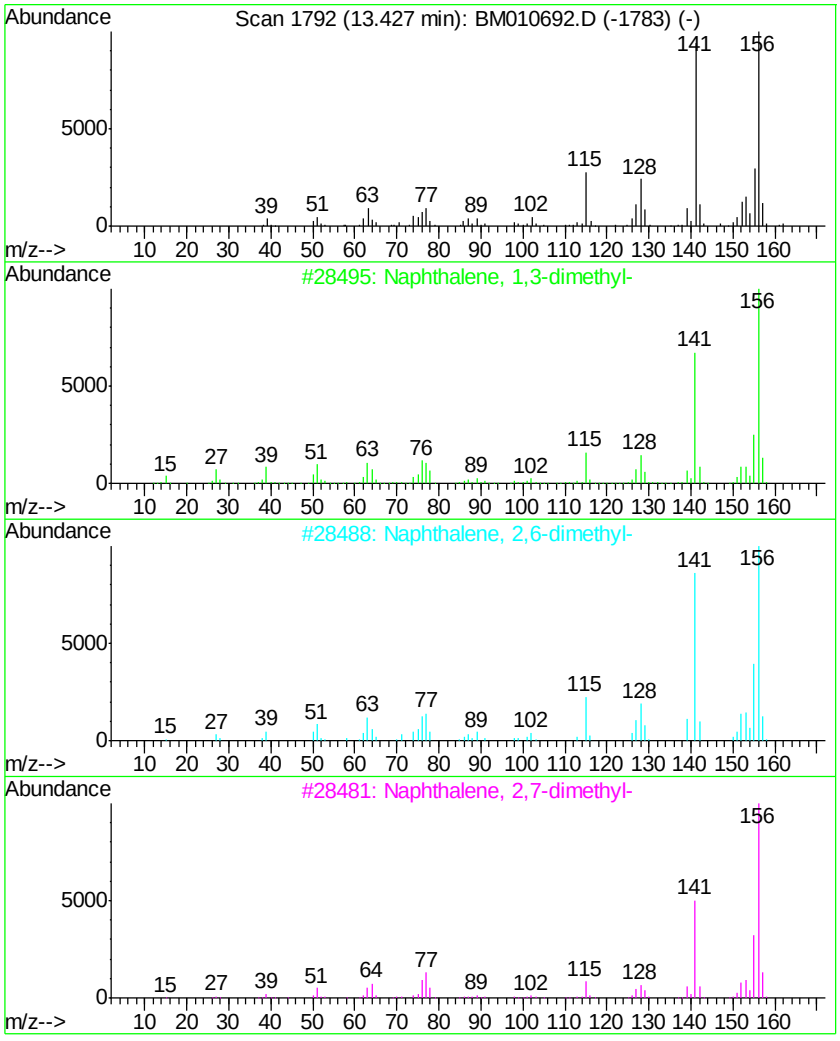
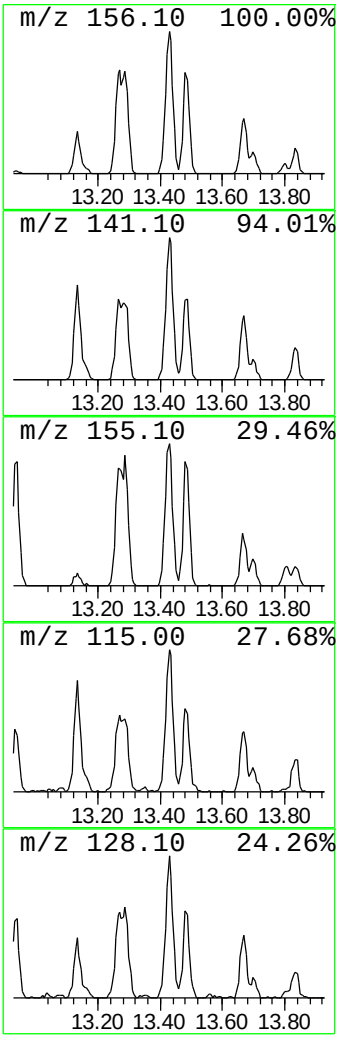
Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	13.09 ng/ul	958920	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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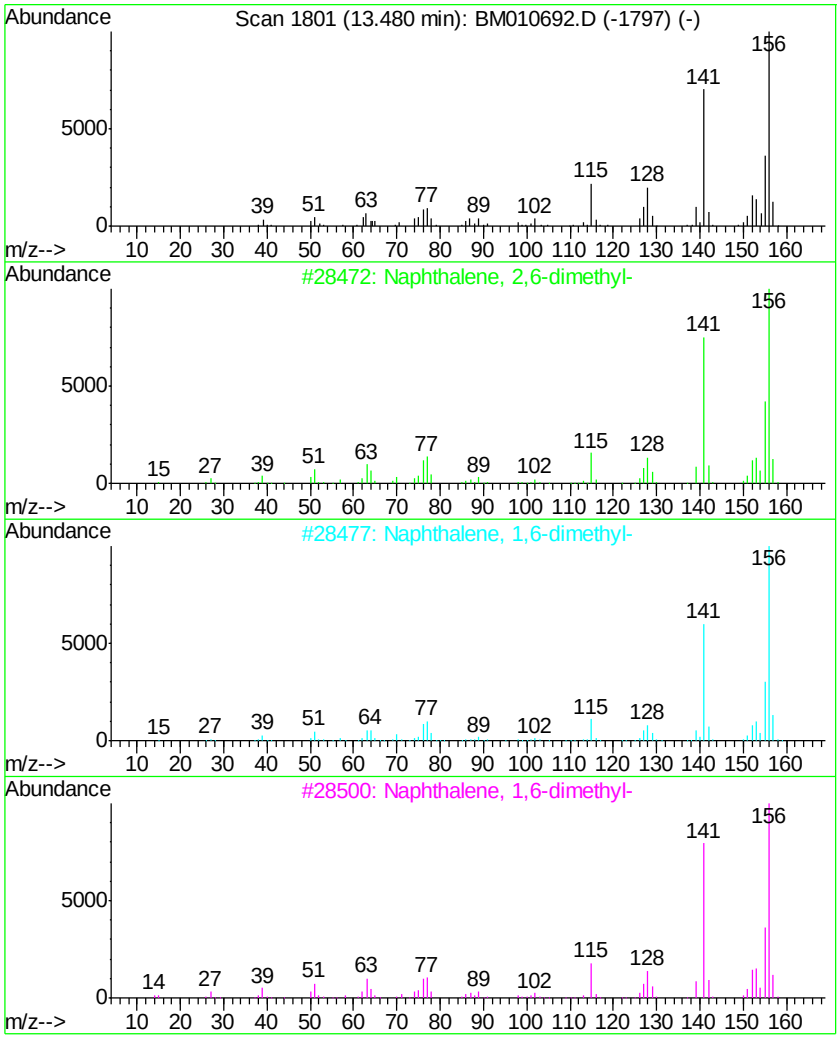
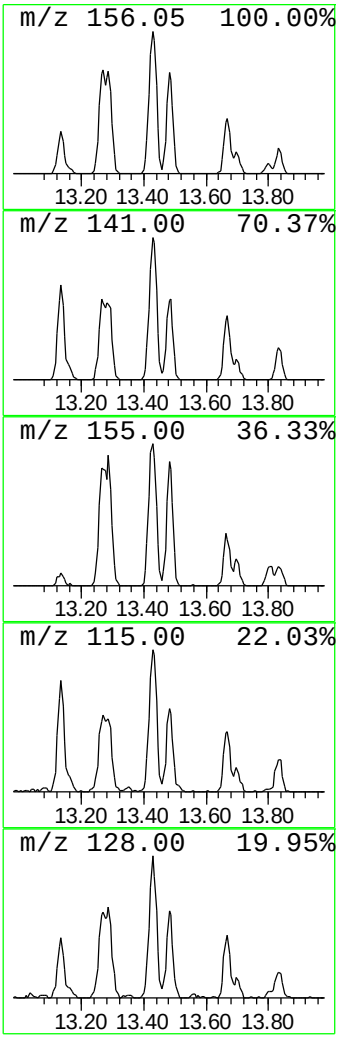
Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	7.75 ng/ul	567939	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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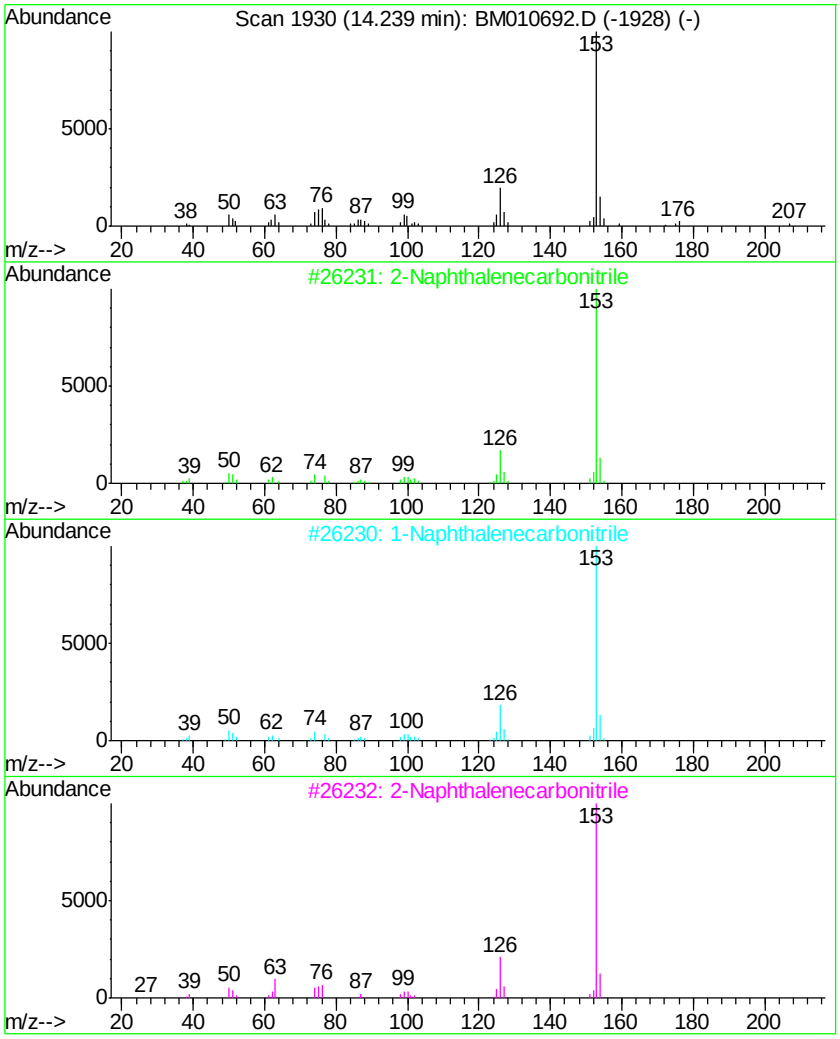
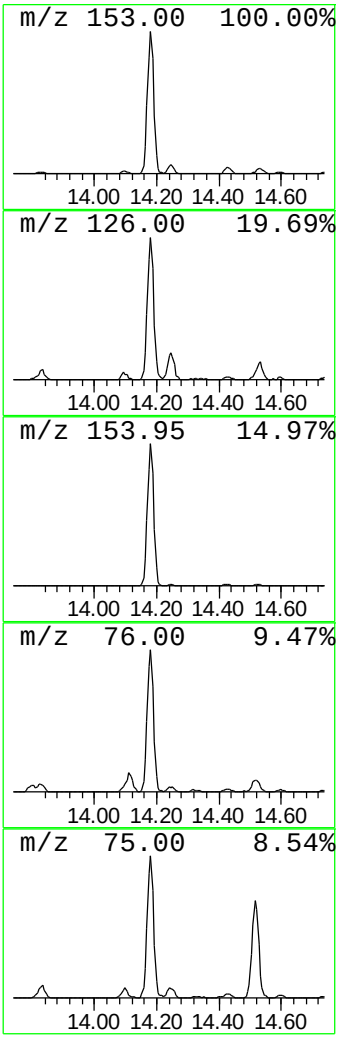
Peak Number 11 2-Naphthalenecarbonitrile Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.29 ng/ul	168077	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	87
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	87
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	80





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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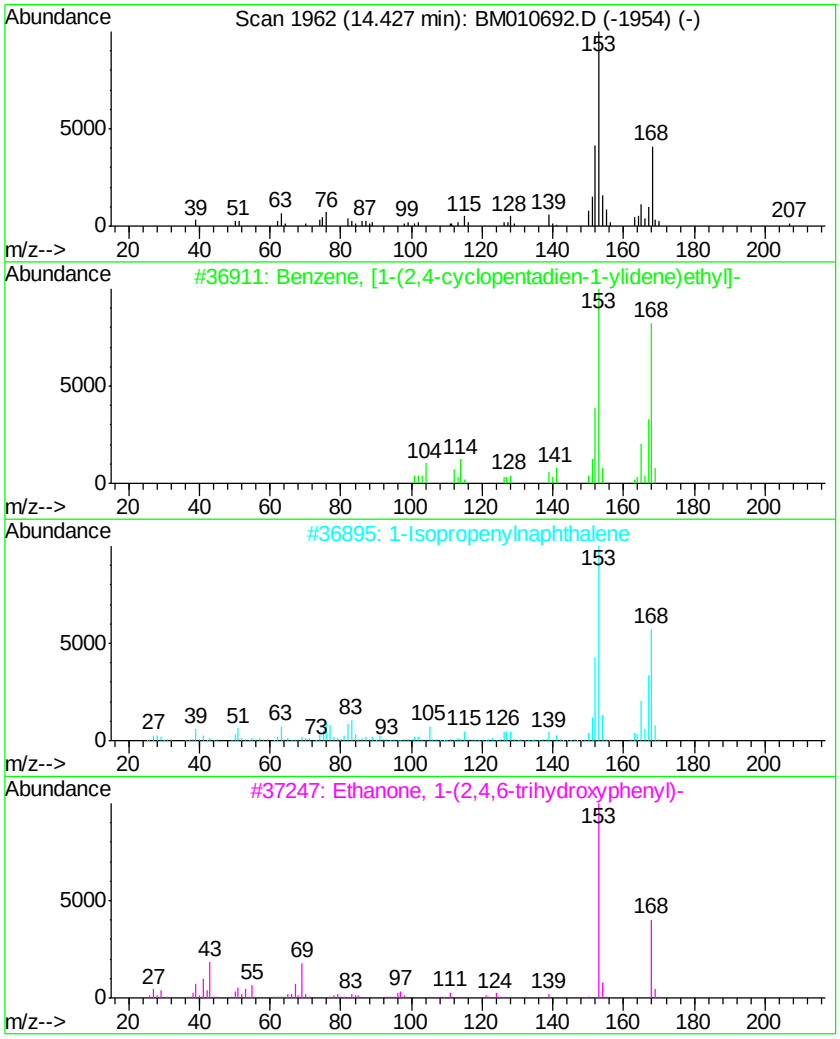
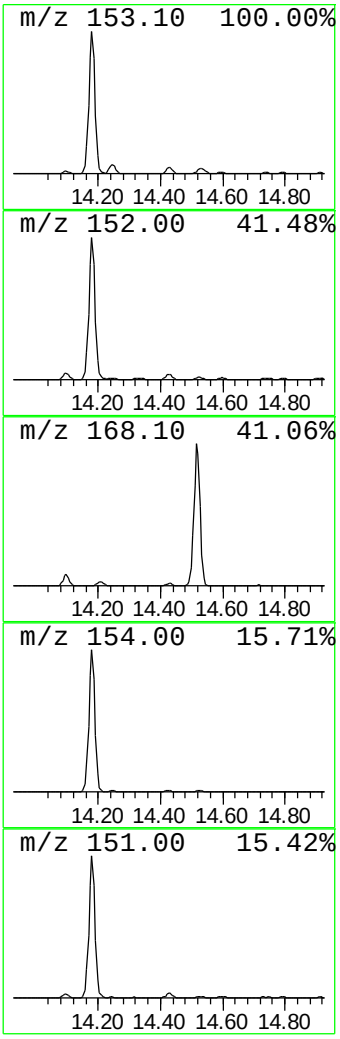
Peak Number 12 Benzene, [1-(2,4-cyclopenta... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.69 ng/ul	197027	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	40





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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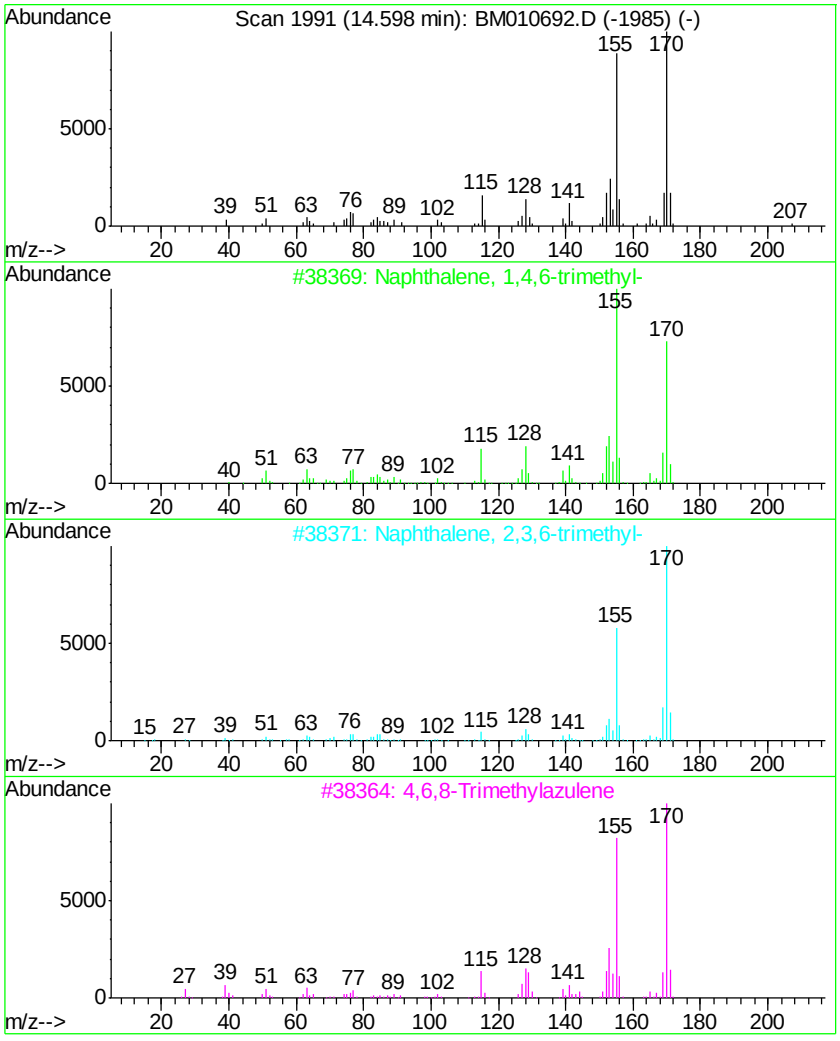
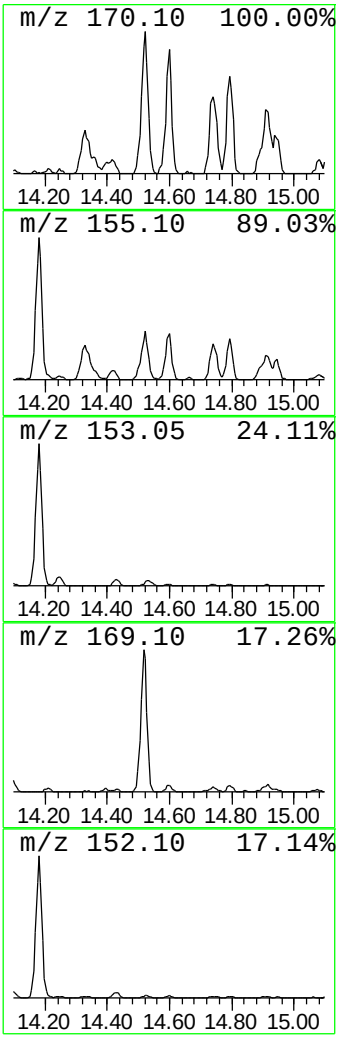
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.33 ng/ul	170639	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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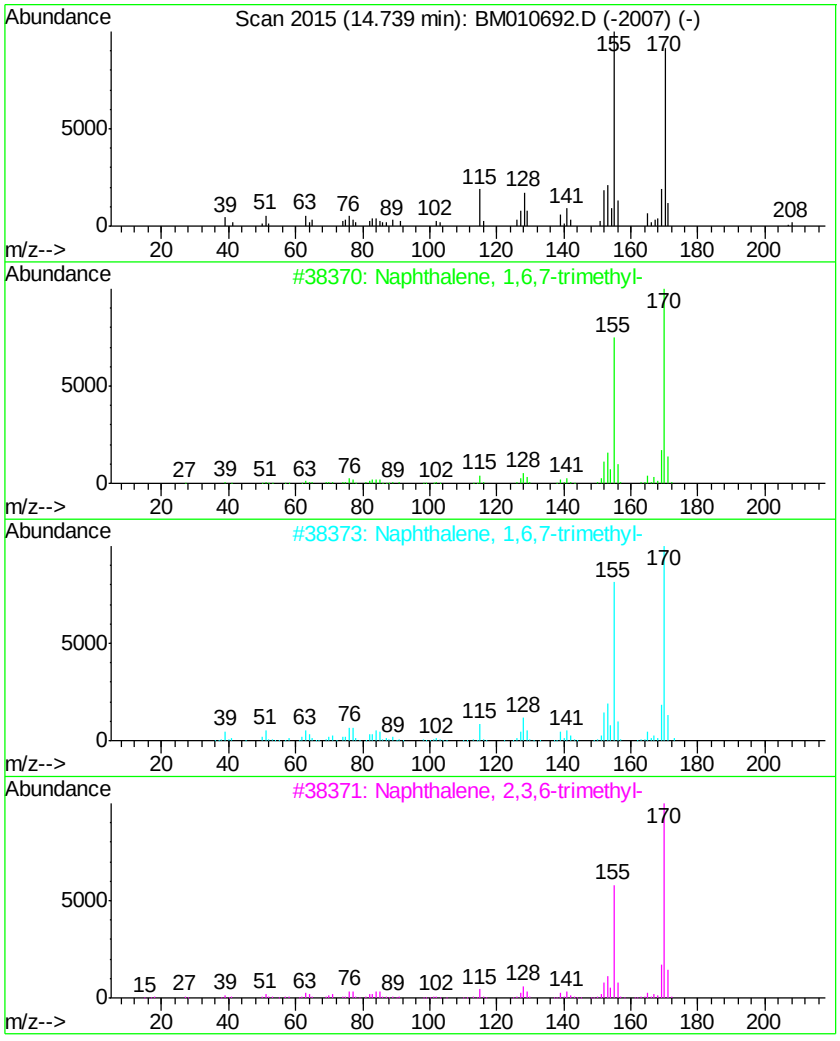
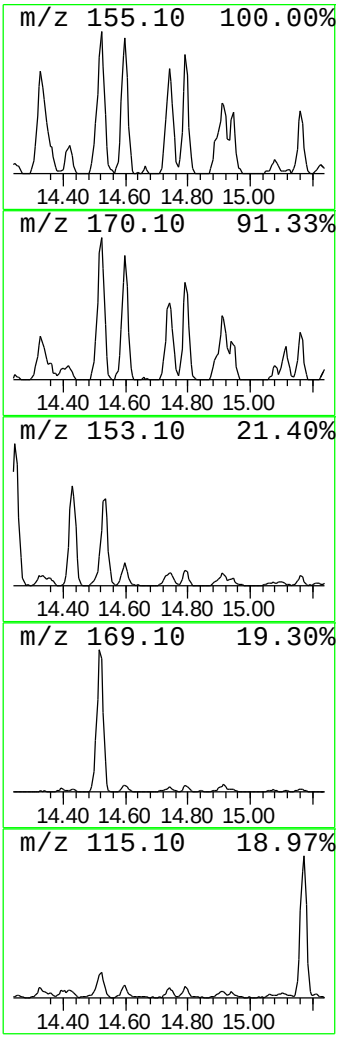
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.16 ng/ul	157992	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95





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Misc :
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Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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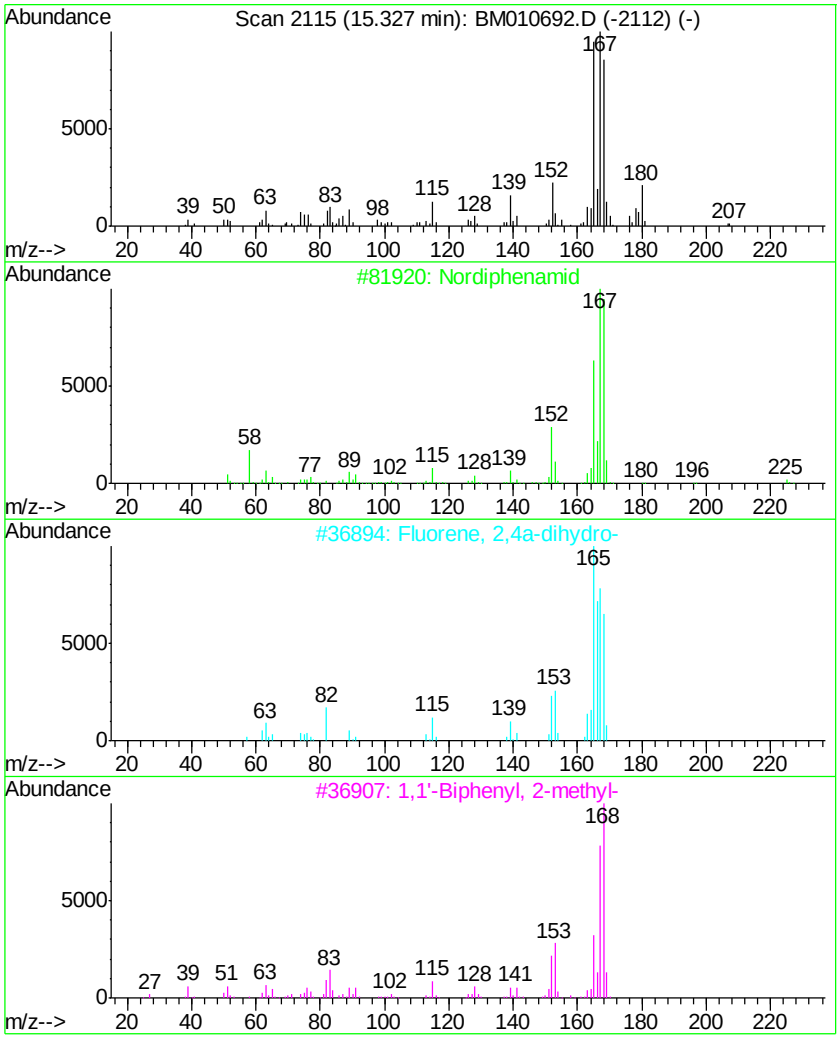
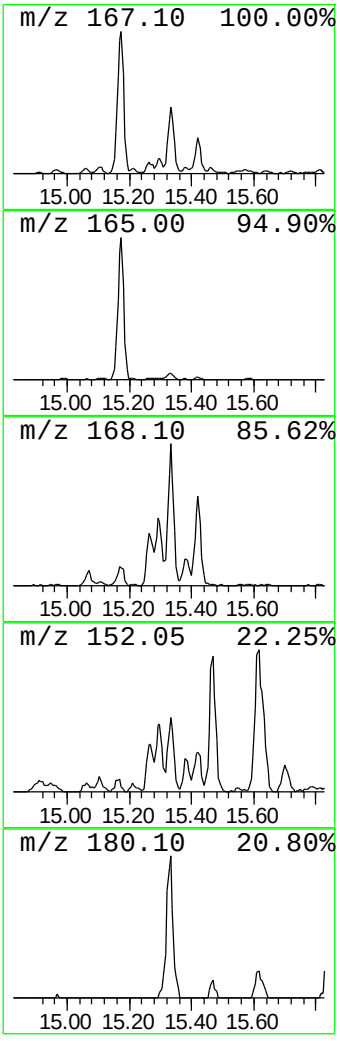
Peak Number 16 Nordiphenamid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	5.72 ng/ul	418680	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	86
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	83
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
4	Diphenylmethane	168	C13H12	000101-81-5	68
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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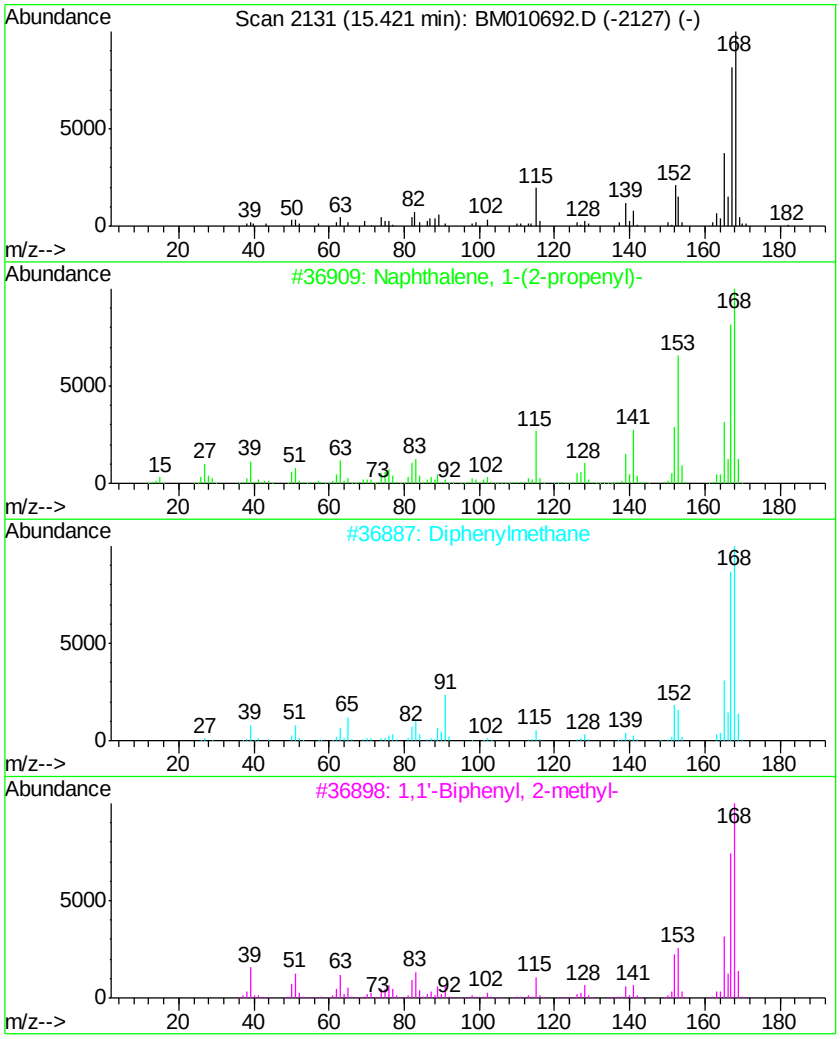
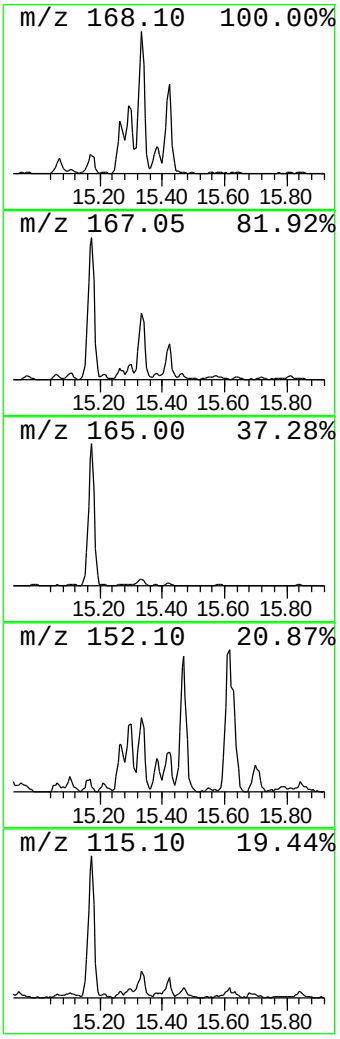
Peak Number 17 Naphthalene, 1-(2-propenyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.33 ng/ul	170348	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	87
2	Diphenylmethane	168	C13H12	000101-81-5	81
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	72
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68





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Misc :
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Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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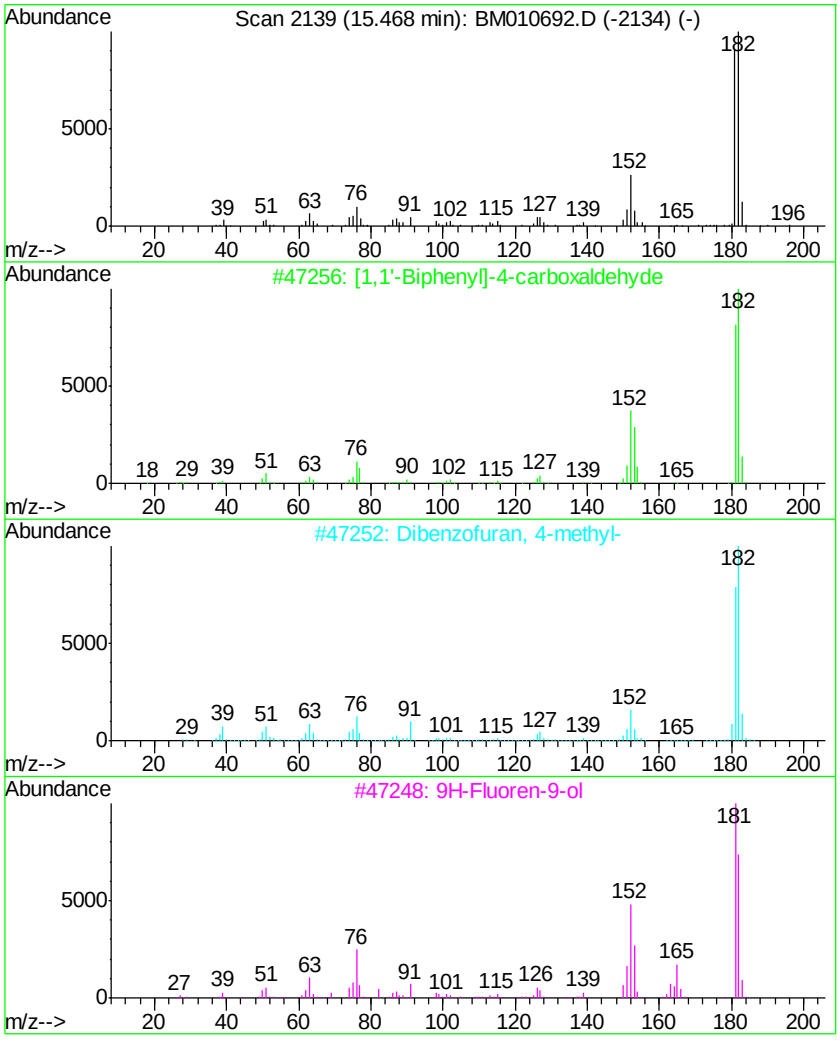
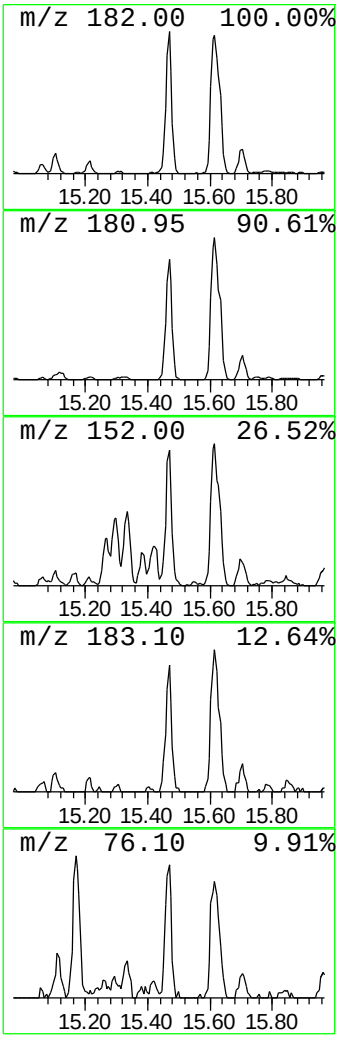
Peak Number 18 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	8.22 ng/ul	602045	Acenaphthene-d10	14.12

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	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





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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

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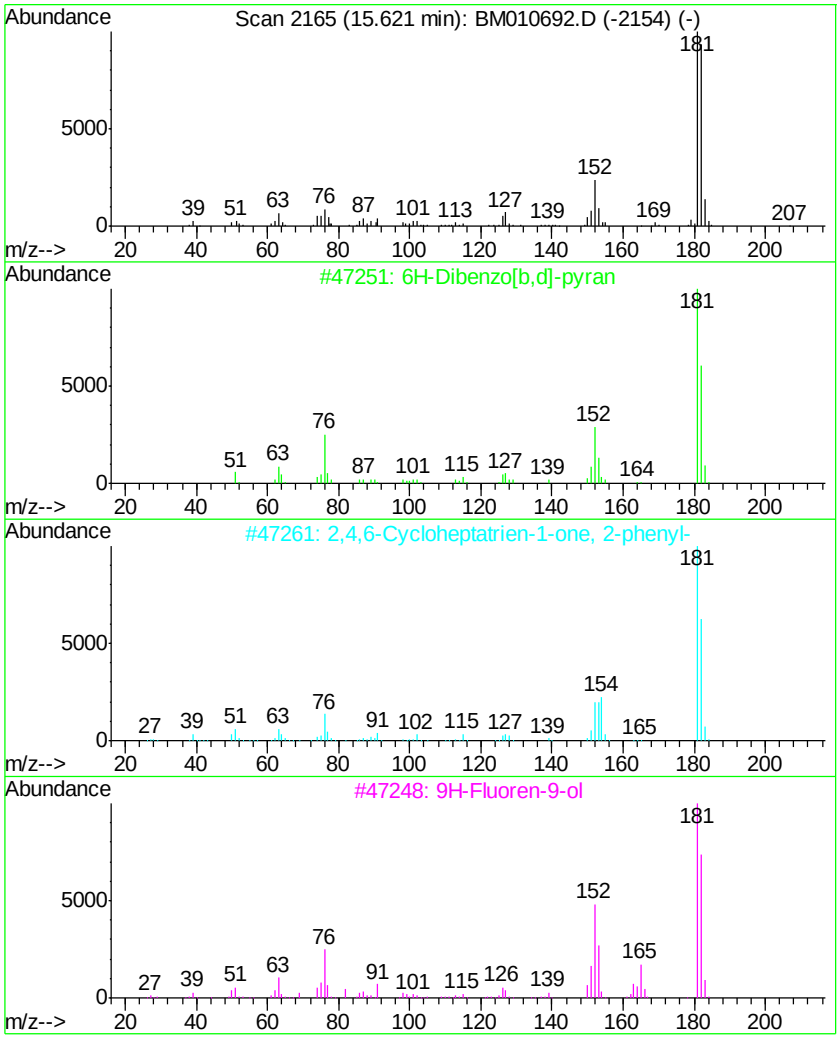
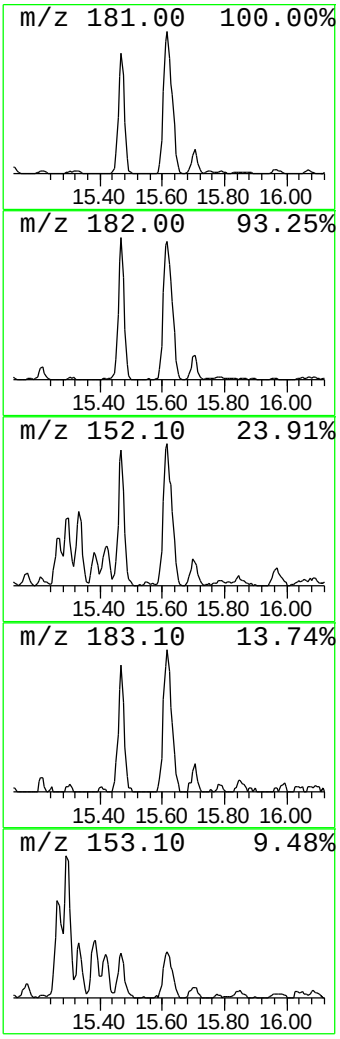
Peak Number 19 6H-Dibenzo[b,d]-pyran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	12.66 ng/ul	915415	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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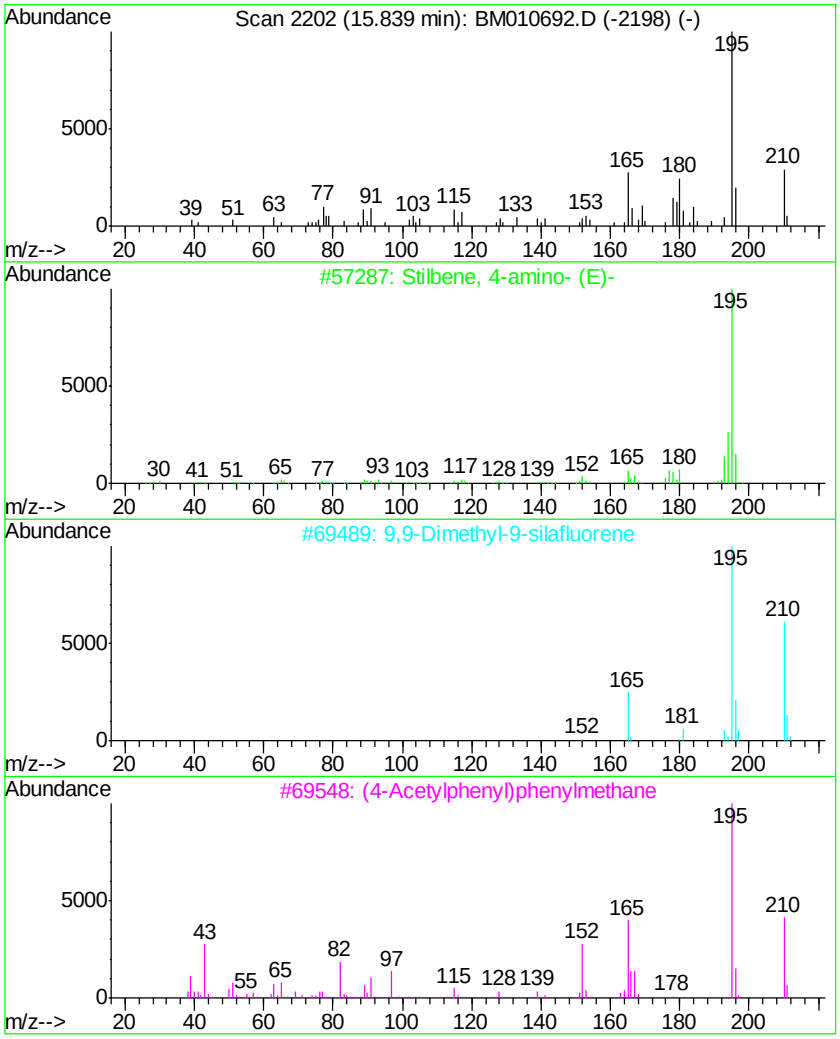
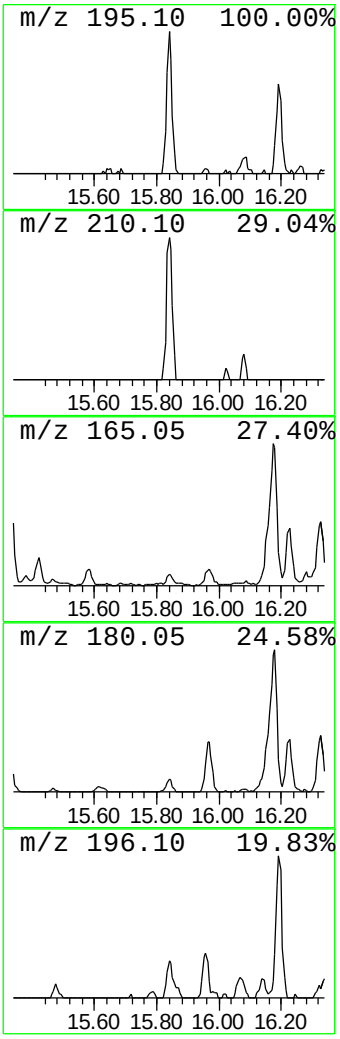
Peak Number 20 Stilbene, 4-amino- (E)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.20 ng/ul	158792	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	58
2	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	53
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	52
4	Benzene, 1,1'-[1-(ethylthio)prop...	256	C17H20S	053699-80-2	50
5	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	49





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Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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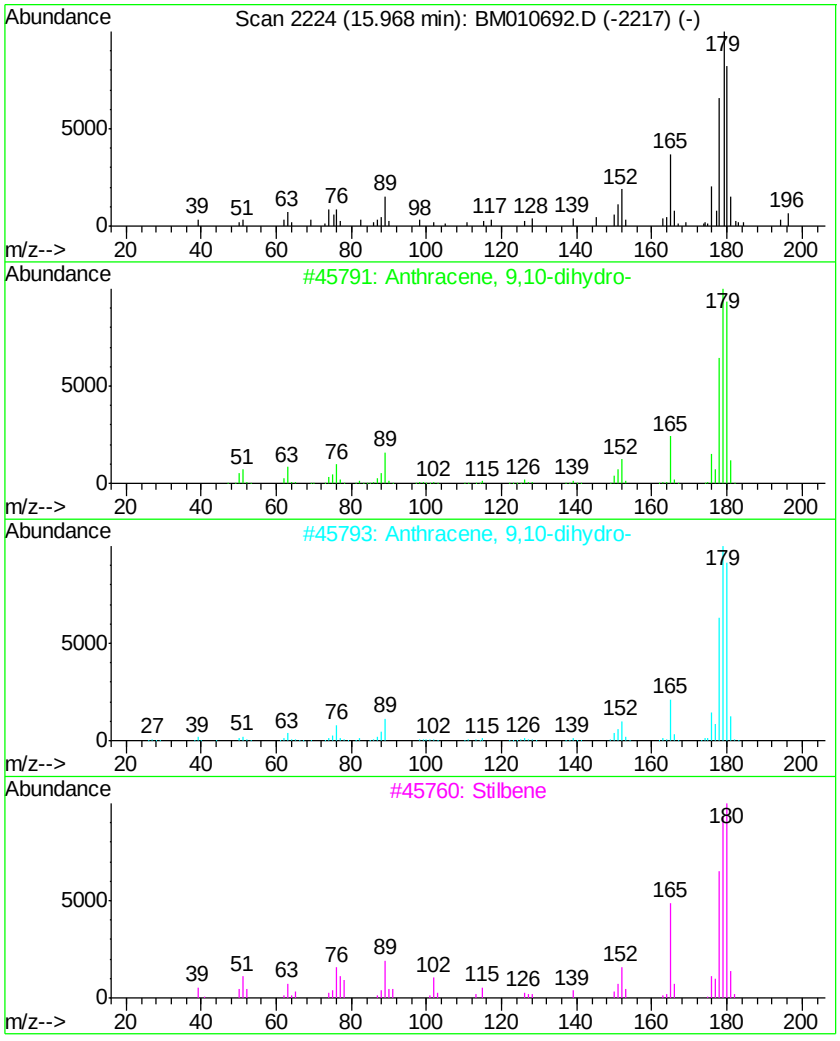
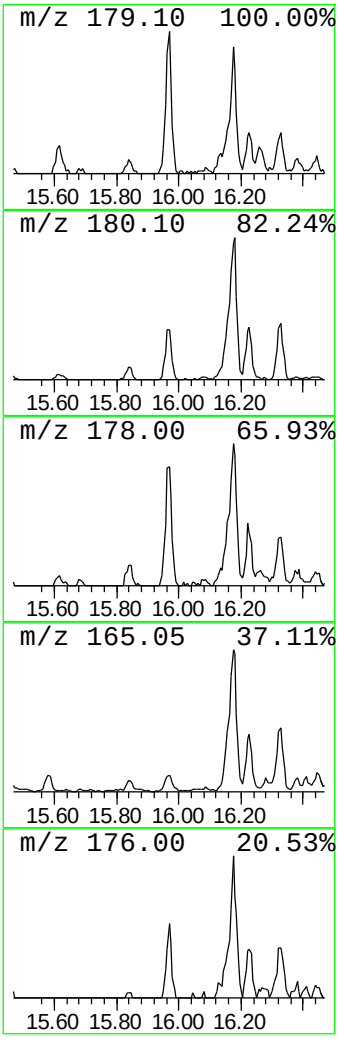
Peak Number 21 Anthracene, 9,10-dihydro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.63 ng/ul	189994	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
3	Stilbene	180	C14H12	000588-59-0	78
4	cis-Stilbene	180	C14H12	000645-49-8	76
5	cis-Stilbene	180	C14H12	000645-49-8	68





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Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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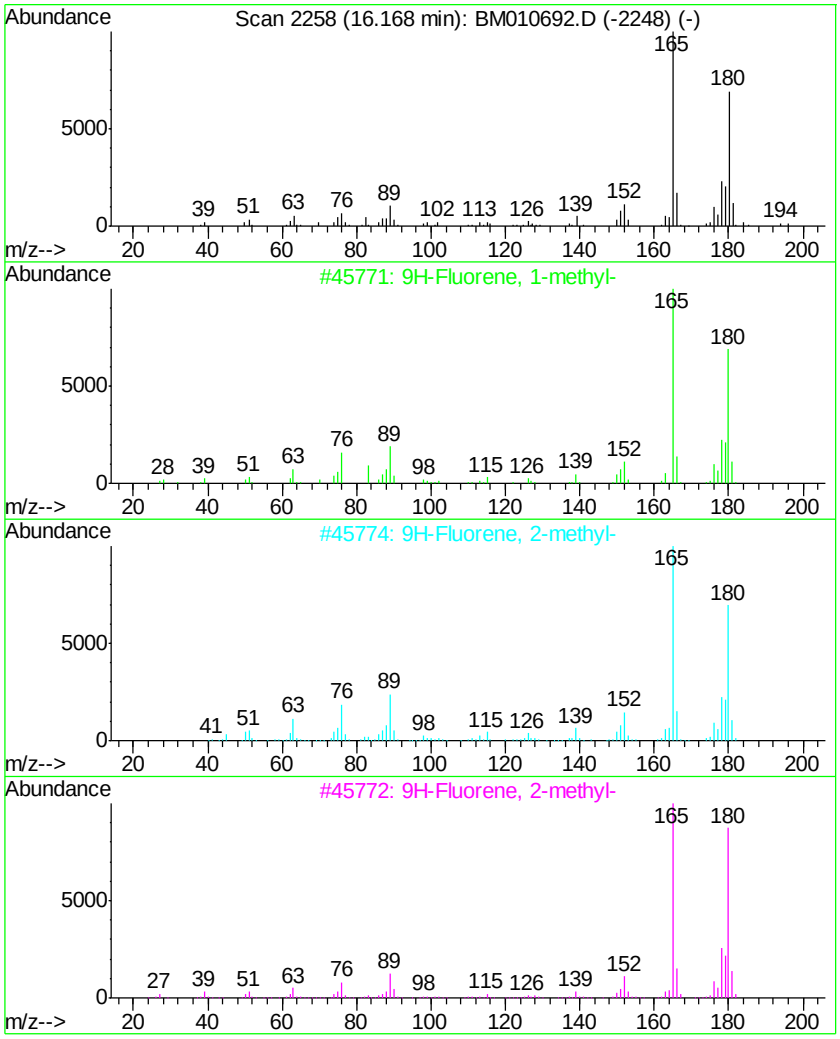
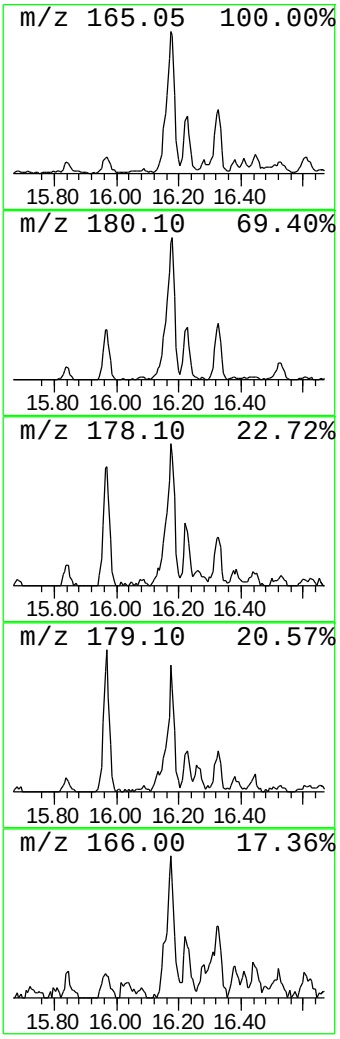
Peak Number 22 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	8.56 ng/ul	619080	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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Quant Title : SVOA CALIBRATION

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

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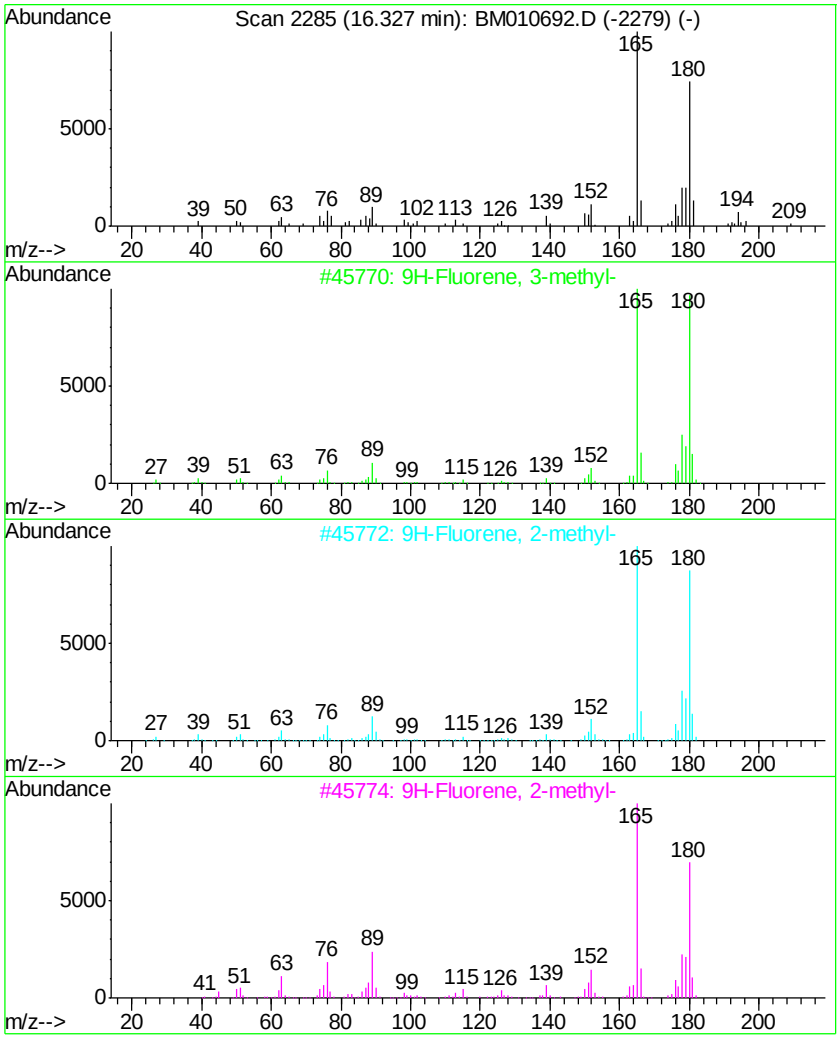
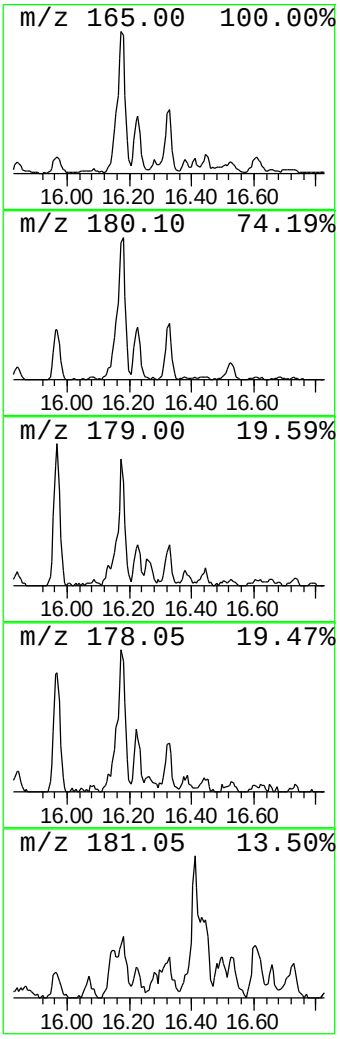
Peak Number 23 9H-Fluorene, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.04 ng/ul	219719	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91





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Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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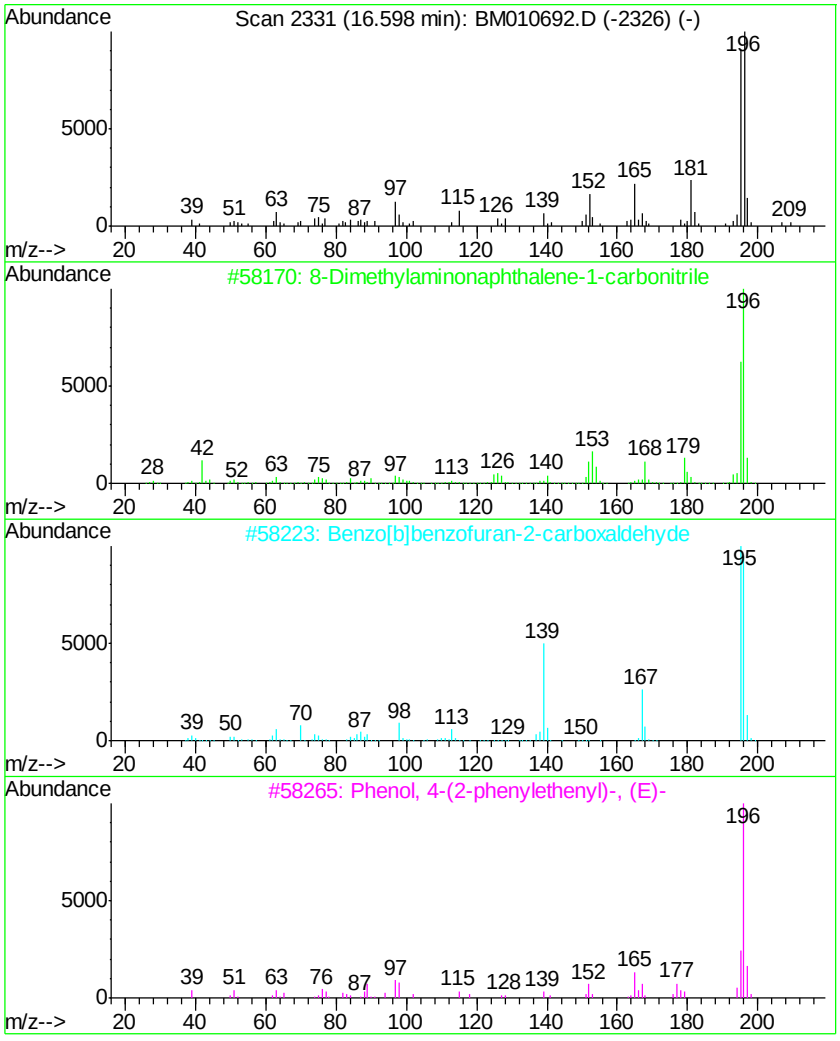
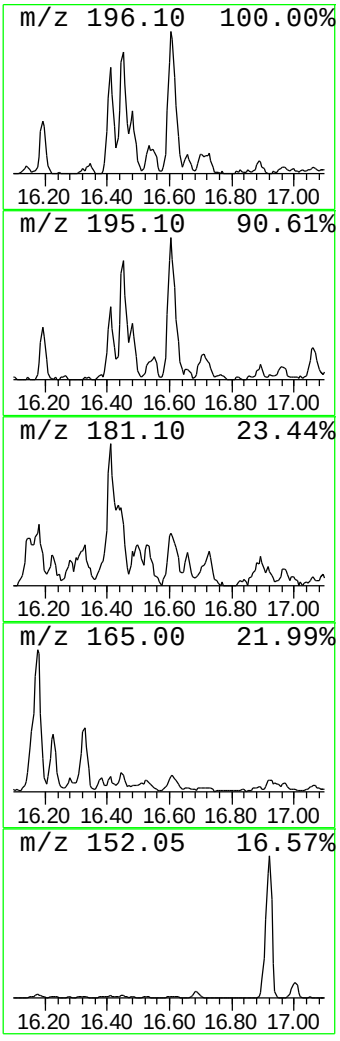
Peak Number 24 8-Dimethylaminonaphthalene-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	3.99 ng/ul	288862	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	62
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	60
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50





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Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
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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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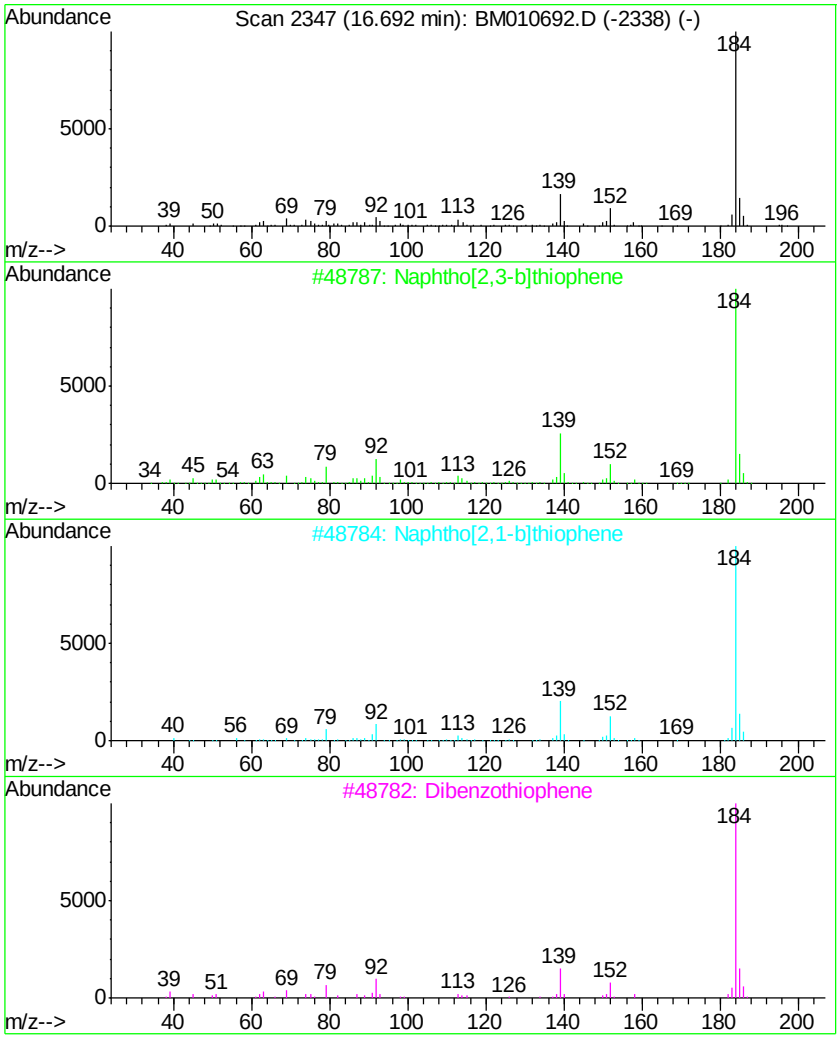
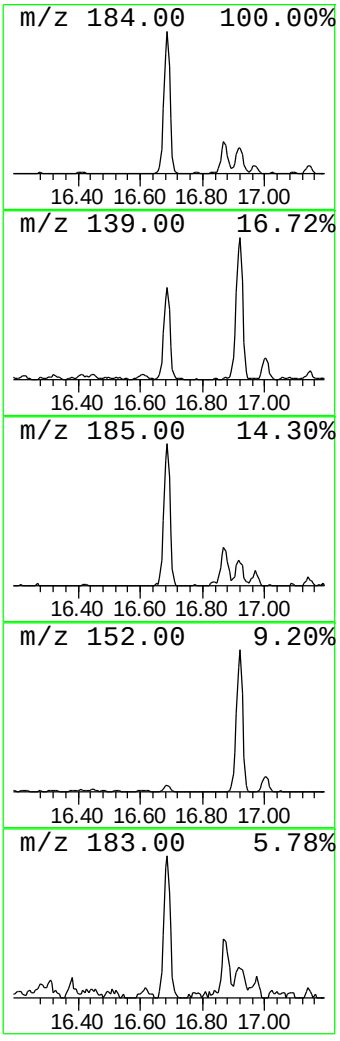
Peak Number 25 Naphtho[2,3-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	12.89 ng/ul	932067	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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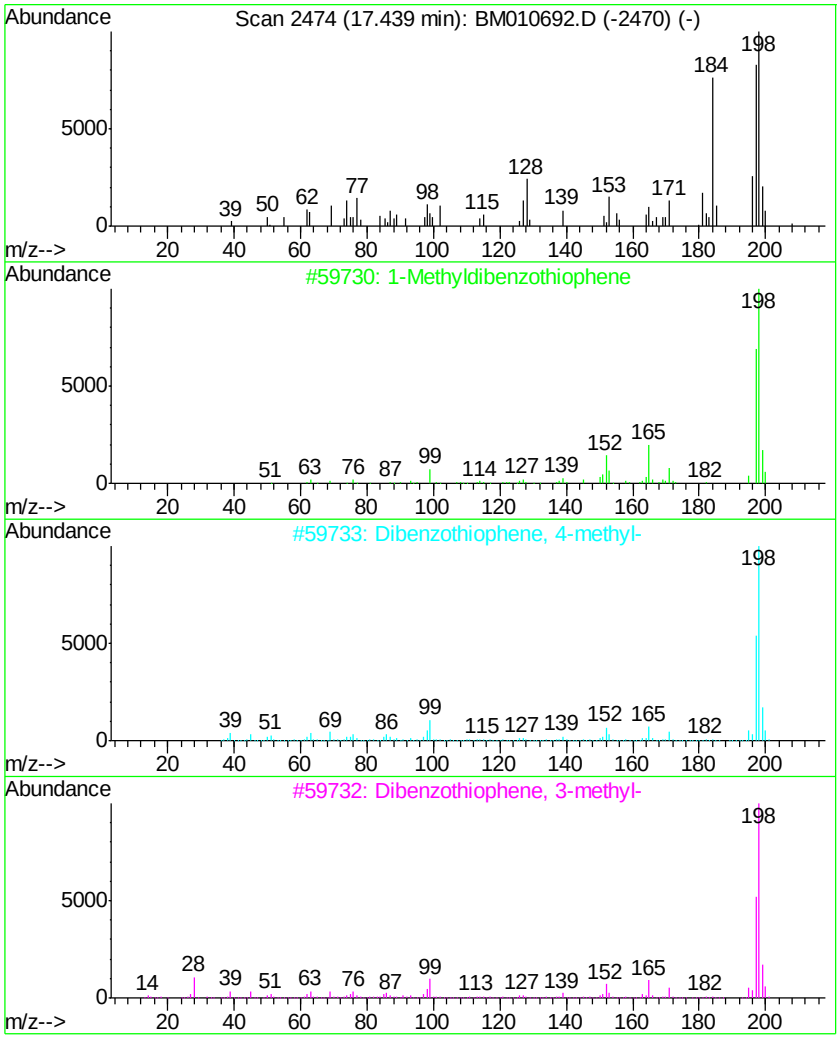
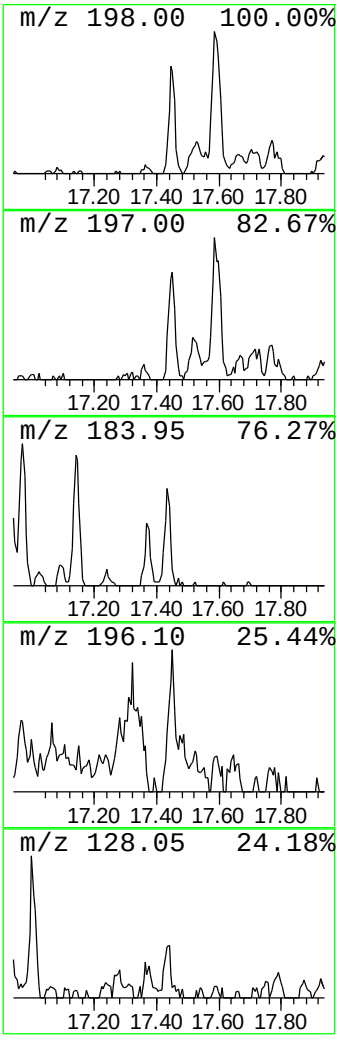
Peak Number 26 1-Methyldibenzothiophene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	2.31 ng/ul	166772	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	76
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	62
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	62
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	62





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Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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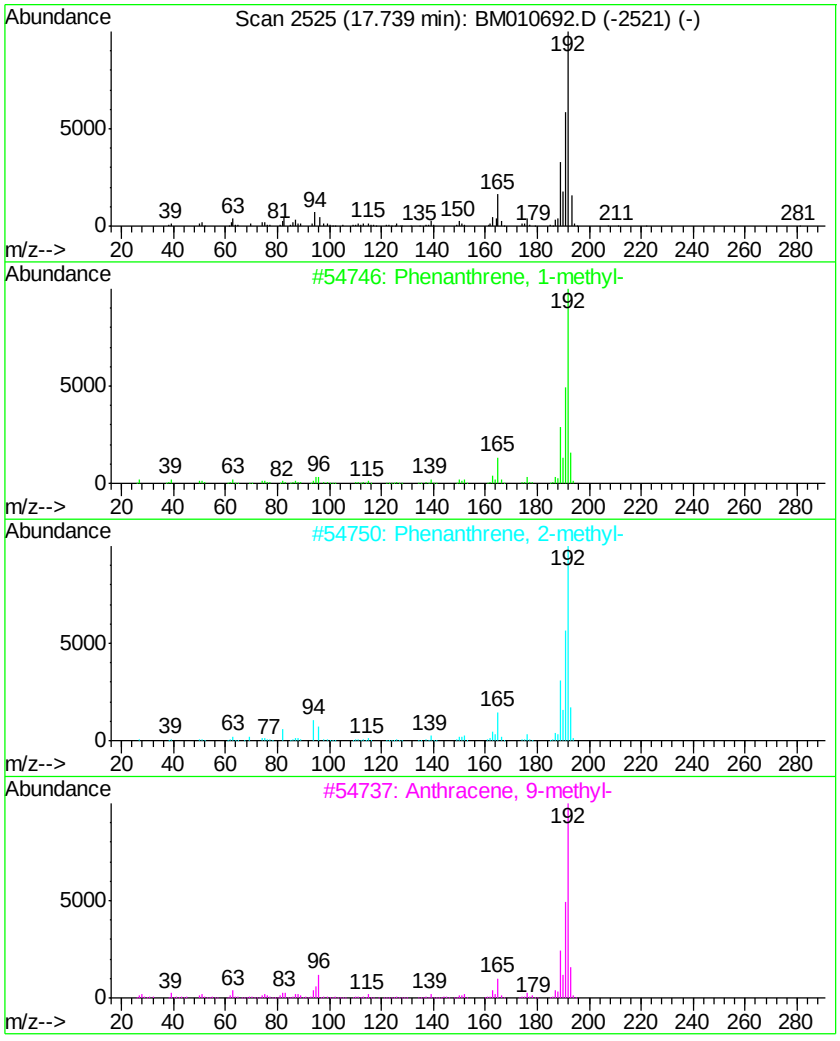
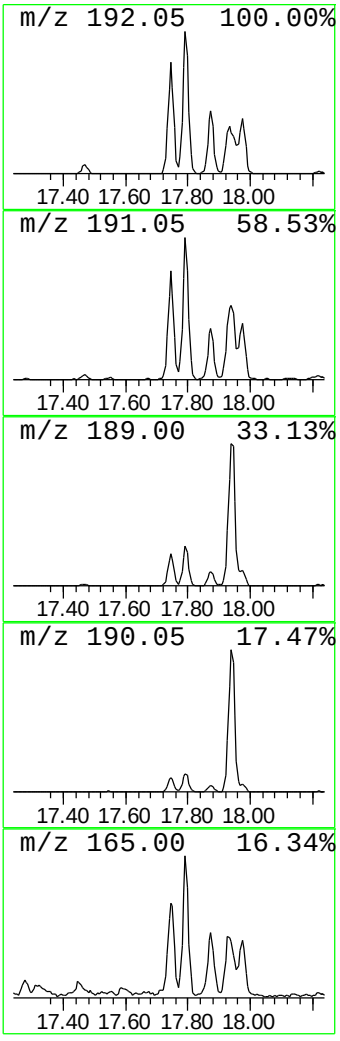
Peak Number 27 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	10.20 ng/ul	737931	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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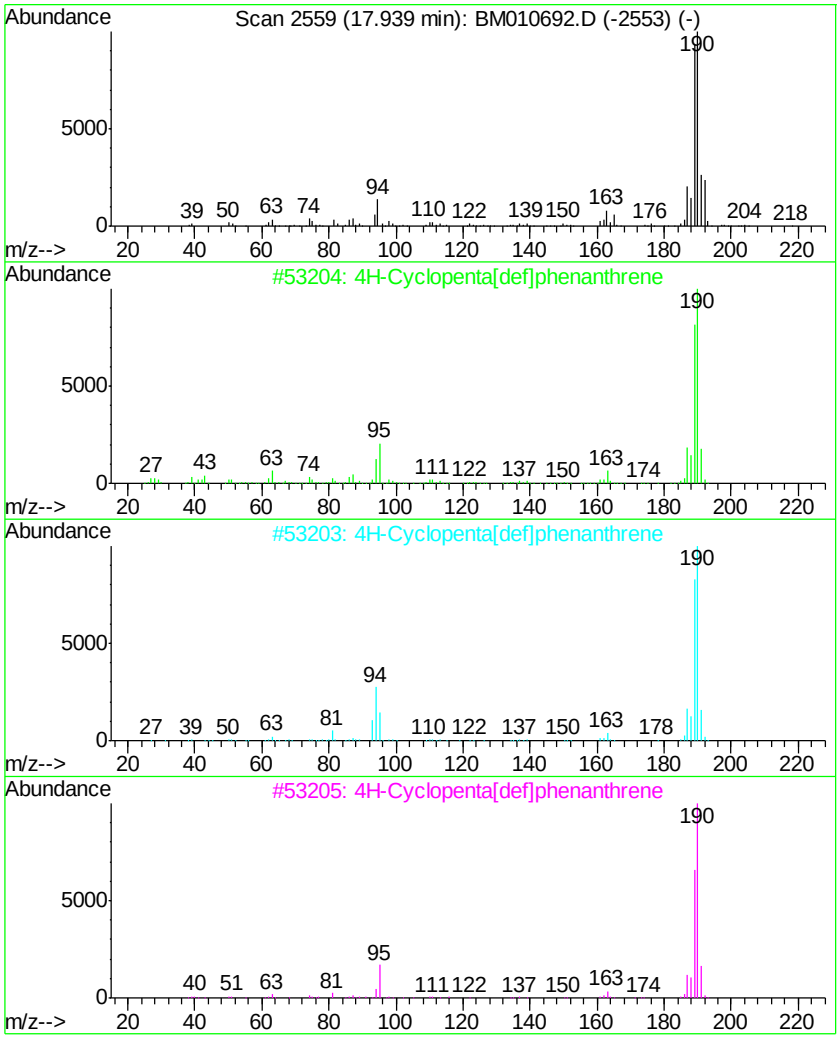
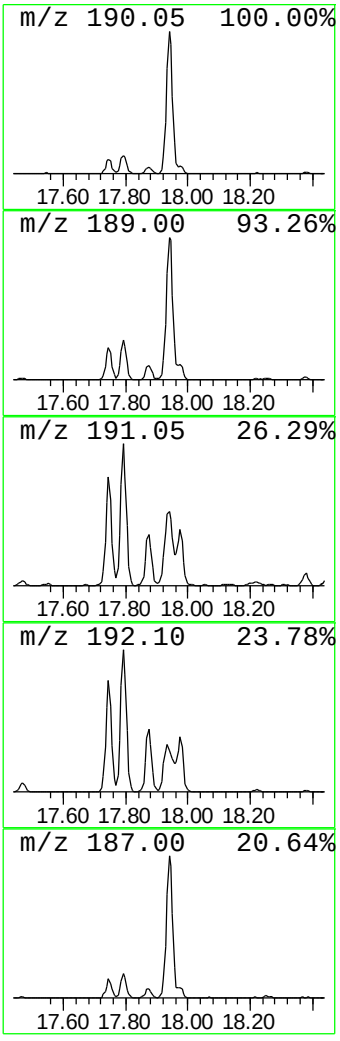
Peak Number 30 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	22.90 ng/ul	1656350	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	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	Methyl diselenide	190	C2H6Se2	007101-31-7	35
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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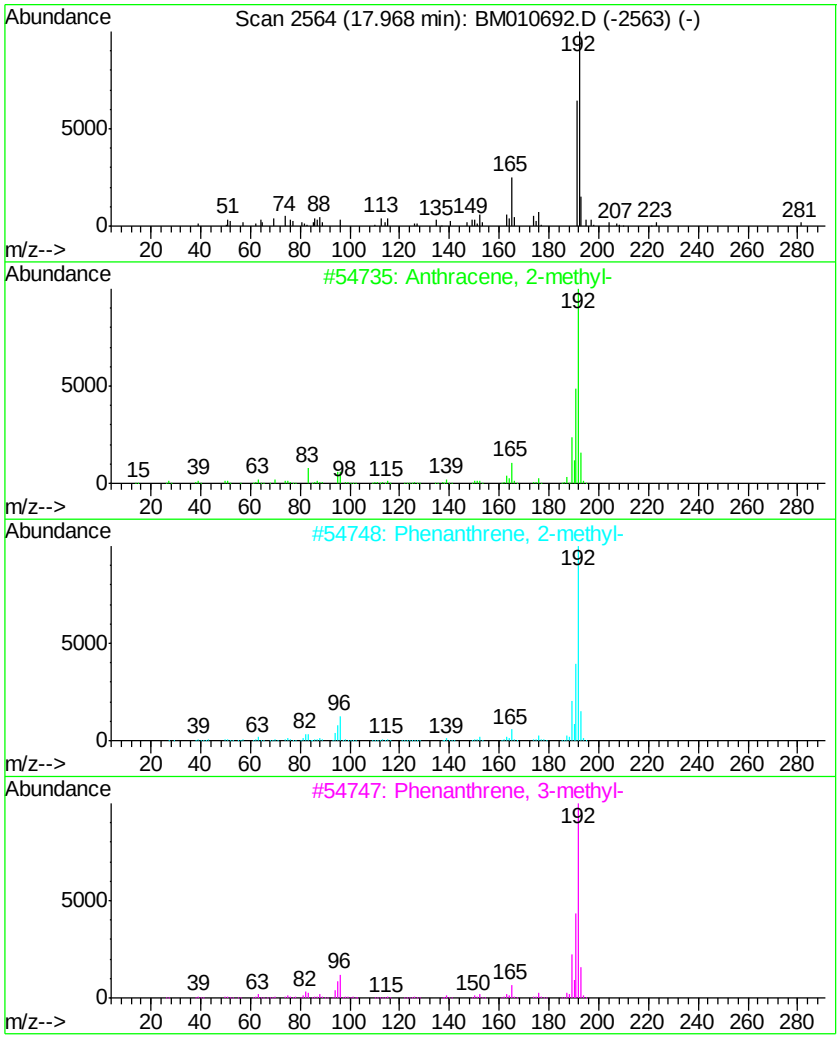
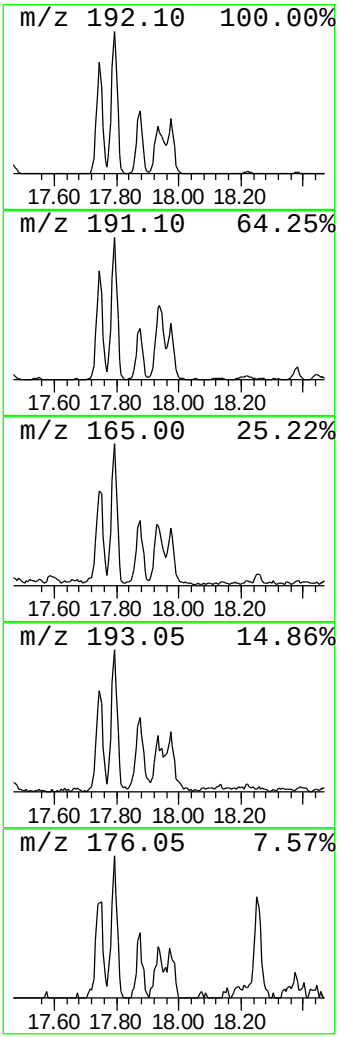
Peak Number 31 Anthracene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.62 ng/ul	333876	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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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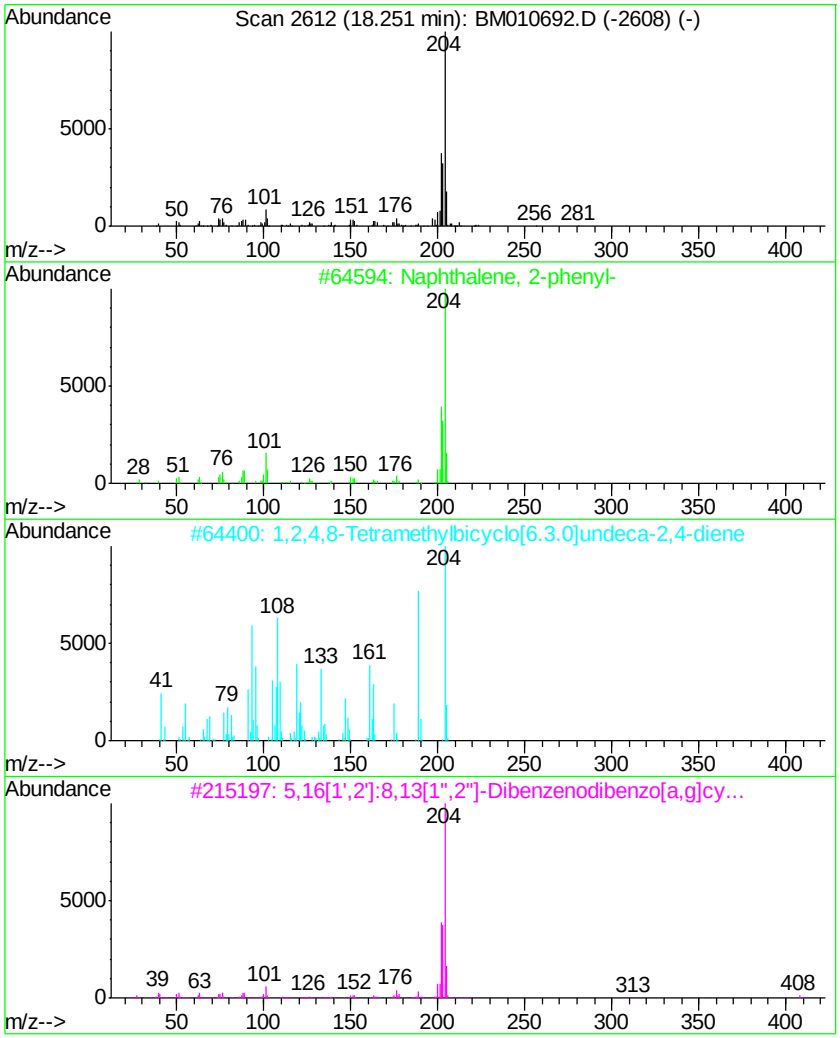
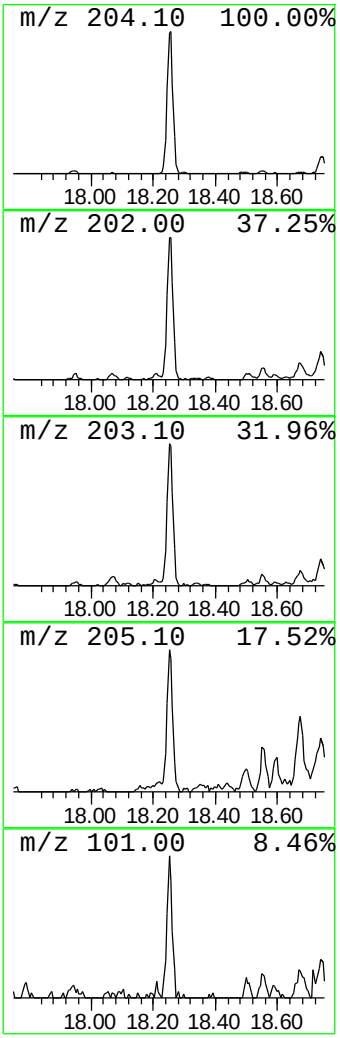
Peak Number 32 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	7.50 ng/ul	542653	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Tentatively Identified Compound (LSC) summary

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Data File : BM010692.D
Acq On : 23 Jun 2017 16:25
Operator : SJ/JU
Sample : I3599-09ME 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D77ME

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
.alpha.-Pinene	6.17	10.2	ng/ul	240119	1	7.46	470206	20.0
Indane	7.83	16.7	ng/ul	391846	1	7.46	470206	20.0
Benzene, 1-propynyl-	7.99	18.5	ng/ul	434666	1	7.46	470206	20.0
3-Phenylbut-1-ene	9.63	8.0	ng/ul	297194	2	10.23	740620	20.0
Naphthalene, 1-me...	12.12	64.5	ng/ul	2387390	2	10.23	740620	20.0
Naphthalene, 1-et...	13.13	5.9	ng/ul	428948	3	14.12	1464940	20.0
Naphthalene, 2,7-...	13.27	7.5	ng/ul	549251	3	14.12	1464940	20.0
Naphthalene, 1,3-...	13.43	13.1	ng/ul	958920	3	14.12	1464940	20.0
Naphthalene, 2,6-...	13.48	7.8	ng/ul	567939	3	14.12	1464940	20.0
2-Naphthalenecarb...	14.24	2.3	ng/ul	168077	3	14.12	1464940	20.0
Benzene, [1-(2,4-...	14.43	2.7	ng/ul	197027	3	14.12	1464940	20.0
Naphthalene, 1,4,...	14.60	2.3	ng/ul	170639	3	14.12	1464940	20.0
Naphthalene, 1,6,...	14.74	2.2	ng/ul	157992	3	14.12	1464940	20.0
Nordiphenamid	15.33	5.7	ng/ul	418680	3	14.12	1464940	20.0
Naphthalene, 1-(2...	15.42	2.3	ng/ul	170348	3	14.12	1464940	20.0
[1,1'-Biphenyl]-4...	15.47	8.2	ng/ul	602045	3	14.12	1464940	20.0
6H-Dibenzo[b,d]-p...	15.62	12.7	ng/ul	915415	4	16.87	1446690	20.0
Stilbene, 4-amino...	15.84	2.2	ng/ul	158792	4	16.87	1446690	20.0
Anthracene, 9,10-...	15.97	2.6	ng/ul	189994	4	16.87	1446690	20.0
9H-Fluorene, 1-me...	16.17	8.6	ng/ul	619080	4	16.87	1446690	20.0
9H-Fluorene, 3-me...	16.33	3.0	ng/ul	219719	4	16.87	1446690	20.0
8-Dimethylaminona...	16.60	4.0	ng/ul	288862	4	16.87	1446690	20.0
Naphtho[2,3-b]thi...	16.69	12.9	ng/ul	932067	4	16.87	1446690	20.0
1-Methyldibenzoth...	17.44	2.3	ng/ul	166772	4	16.87	1446690	20.0
Phenanthrene, 1-m...	17.74	10.2	ng/ul	737931	4	16.87	1446690	20.0
4H-Cyclopenta[def...	17.94	22.9	ng/ul	1656350	4	16.87	1446690	20.0
Anthracene, 2-met...	17.97	4.6	ng/ul	333876	4	16.87	1446690	20.0
Naphthalene, 2-ph...	18.25	7.5	ng/ul	542653	4	16.87	1446690	20.0