LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
Data File : BM010436.D
Acq On : 07 Jun 2017 16:39
Operator : SJ/MA
Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

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-BM052717.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	7.093	675	681	692	rBV	752715	1321917	1.11%	0.163%
2	7.445	733	741	751	rVB	877393	1431014	1.20%	0.176%
3	7.904	811	819	828	rBV	1065694	1742166	1.46%	0.214%
4	8.634	935	943	949	rBV	981215	1639871	1.38%	0.202%
5	9.092	1013	1021	1029	rBV	798608	1333004	1.12%	0.164%
6	9.804	1131	1142	1150	rBV	771743	1265082	1.06%	0.156%
7	10.339	1226	1233	1243	rBV	1301321	2160434	1.81%	0.266%
8	10.710	1287	1296	1302	rBV	1373095	2337805	1.96%	0.288%
9	10.880	1317	1325	1335	rBV	689713	1319672	1.11%	0.162%
10	13.957	1842	1848	1853	rBV	2582701	3361260	2.82%	0.414%
11	14.245	1891	1897	1908	rBV	2468311	3844055	3.22%	0.473%
12	14.545	1942	1948	1954	rVV2	2159788	3278316	2.75%	0.403%
13	14.610	1954	1959	1964	rVB	1228625	1718042	1.44%	0.211%
14	14.792	1984	1990	1996	rBV	808226	1315994	1.10%	0.162%
15	15.533	2108	2116	2121	rBV	3563195	5094213	4.27%	0.627%
16	15.592	2121	2126	2133	rVB	1432898	1974114	1.66%	0.243%
17	17.110	2379	2384	2395	rVB	1012262	1521489	1.28%	0.187%
18	17.292	2410	2415	2418	rBV	3022521	4561438	3.83%	0.561%
19	17.345	2418	2424	2428	rVV	26306177	36031828	30.22%	4.434%
20	17.392	2428	2432	2436	rVV	4891284	7208278	6.04%	0.887%
21	17.427	2436	2438	2444	rVV	2084445	2370505	1.99%	0.292%
22	17.492	2444	2449	2455	rVB	899123	1241518	1.04%	0.153%
23	17.715	2476	2487	2497	rVB	2963664	4905687	4.11%	0.604%
24	18.151	2555	2561	2567	rBV2	2208809	4338828	3.64%	0.534%
25	18.209	2567	2571	2579	rVB	2258865	3259780	2.73%	0.401%
26	18.362	2590	2597	2601	rBV3	4093947	6865433	5.76%	0.845%
27	18.656	2643	2647	2652	rBV	1807839	2510170	2.11%	0.309%
28	18.721	2652	2658	2663	rVB	6781294	8847675	7.42%	1.089%
29	19.233	2738	2745	2750	rBV	1540149	2362083	1.98%	0.291%
30	19.362	2757	2767	2771	rBV2	75553591	119246855	100.00%	14.674%
31	19.409	2773	2775	2779	rVB	1579397	1910115	1.60%	0.235%
32	19.592	2801	2806	2815	rVB2	1901206	3668741	3.08%	0.451%
33	19.686	2815	2822	2824	rBV3	14540025	25336243	21.25%	3.118%
34	19.721	2824	2828	2833	rVV2	58278168	84300408	70.69%	10.374%

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Operator : SJ/MA
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

35	19.774	2833	2837	2842	rVB2	1734596	2365585	1.98%	0.291%
36	19.880	2851	2855	2860	rVB	2836205	3598043	3.02%	0.443%
37	19.956	2860	2868	2873	rBV	1836499	2808647	2.36%	0.346%
38	20.021	2873	2879	2886	rBV3	2512504	5235289	4.39%	0.644%
39	20.098	2888	2892	2897	rBV2	1307674	2075969	1.74%	0.255%
40	20.162	2897	2903	2904	rVV4	2205316	3632932	3.05%	0.447%
41	20.198	2905	2909	2913	rVB	6957258	9062348	7.60%	1.115%
42	20.298	2921	2926	2929	rBV	5909113	7689649	6.45%	0.946%
43	20.350	2929	2935	2939	rVV2	2800869	5571274	4.67%	0.686%
44	20.386	2939	2941	2945	rVV	1526183	1770868	1.49%	0.218%
45	20.492	2955	2959	2963	rBV	1717802	2541446	2.13%	0.313%
46	20.539	2964	2967	2974	rVB	1856926	2655824	2.23%	0.327%
47	20.945	3031	3036	3041	rVB	3545269	4891829	4.10%	0.602%
48	21.109	3059	3064	3067	rBV2	6554577	9383539	7.87%	1.155%
49	21.145	3067	3070	3073	rVV	4569789	5245559	4.40%	0.646%
50	21.186	3073	3077	3082	rVV2	5297688	8576533	7.19%	1.055%
51	21.239	3082	3086	3091	rVB2	3900961	6001332	5.03%	0.739%
52	21.327	3097	3101	3102	rBV	1315821	1703271	1.43%	0.210%
53	21.345	3102	3104	3109	rVB	1739576	1979153	1.66%	0.244%
54	21.450	3113	3122	3127	rBV2	29674111	58263415	48.86%	7.170%
55	21.503	3127	3131	3135	rVB	40872880	50034931	41.96%	6.157%
56	21.621	3146	3151	3156	rBV	5595707	7761179	6.51%	0.955%
57	21.674	3157	3160	3164	rVV2	2659891	3607740	3.03%	0.444%
58	21.739	3168	3171	3174	rBV	1264802	1604858	1.35%	0.197%
59	21.797	3174	3181	3184	rVV2	2067368	4318805	3.62%	0.531%
60	21.974	3206	3211	3214	rBV2	1935792	3605586	3.02%	0.444%
61	22.021	3216	3219	3223	rVV	2846784	3892688	3.26%	0.479%
62	22.092	3225	3231	3235	rVB2	2173981	4591669	3.85%	0.565%
63	22.186	3244	3247	3250	rVB4	1036097	1220357	1.02%	0.150%
64	22.227	3251	3254	3258	rBV2	2090122	3402724	2.85%	0.419%
65	22.327	3267	3271	3280	rVB4	1715542	2968414	2.49%	0.365%
66	22.527	3302	3305	3310	rBV4	1111989	2058534	1.73%	0.253%
67	22.591	3311	3316	3322	rVB	15437992	20178549	16.92%	2.483%
68	22.962	3376	3379	3384	rBV2	1563887	2171510	1.82%	0.267%
69	23.109	3395	3404	3408	rBV	25867487	63569510	53.31%	7.823%
70	23.274	3428	3432	3438	rVB	2444378	3861196	3.24%	0.475%
71	23.615	3483	3490	3494	rBV	13565927	26155157	21.93%	3.219%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BDC48

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Title : SVOA CALIBRATION

72	23.662	3495	3498	3501	rVV2	4018192	6678613	5.60%	0.822%
73	23.715	3501	3507	3514	rVB	18713933	34827596	29.21%	4.286%
74	23.815	3519	3524	3527	rVV	3125846	5763783	4.83%	0.709%
75	23.862	3528	3532	3541	rVB	4663653	9612512	8.06%	1.183%
76	26.221	3923	3933	3942	rVB	9941770	28237110	23.68%	3.475%
77	26.974	4053	4061	4076	rVB	6498564	21830084	18.31%	2.686%

Sum of corrected areas: 812629643

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
Data File : BM010436.D
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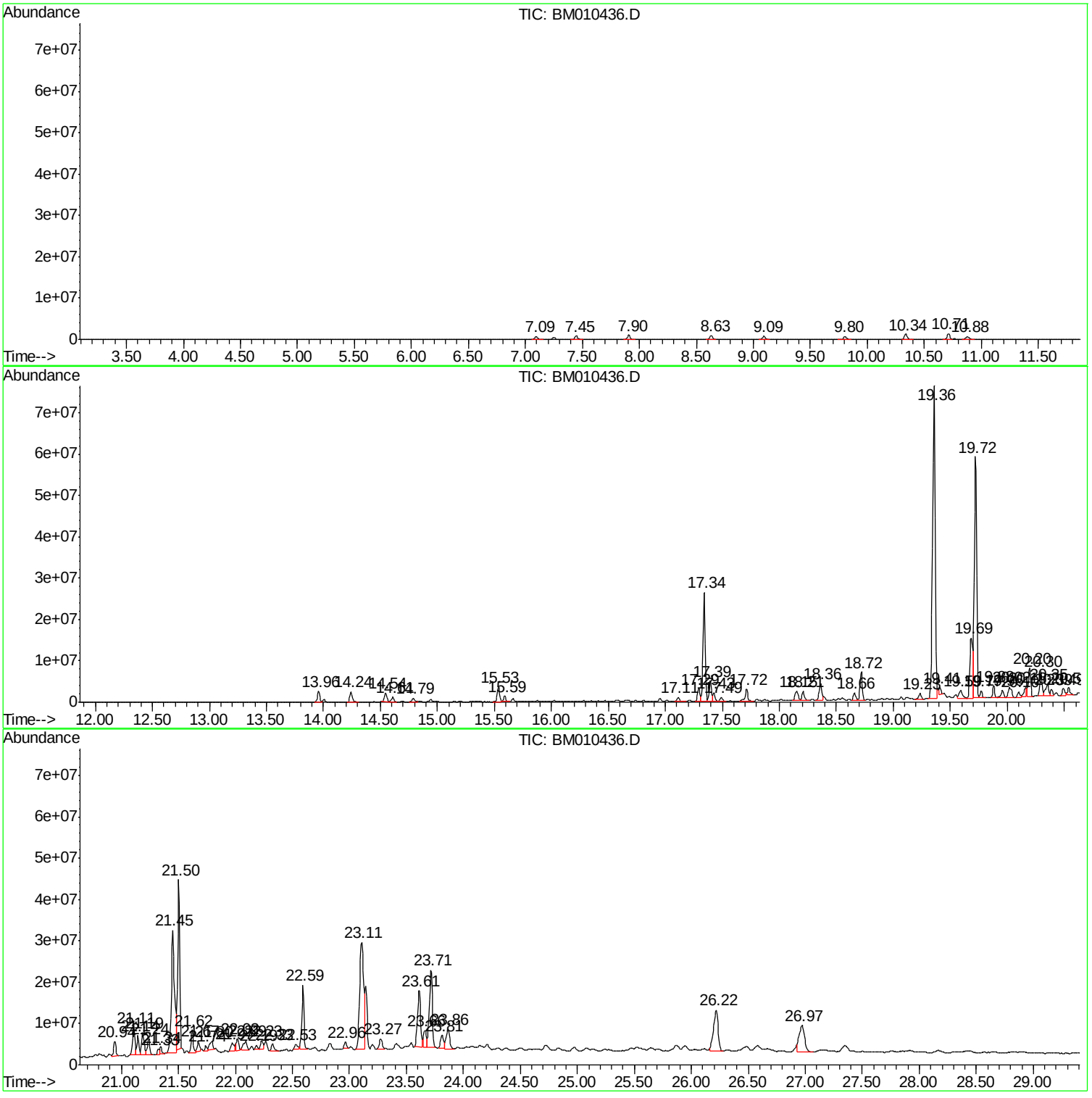
Operator : SJ/MA
Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
Data File : BM010436.D
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Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

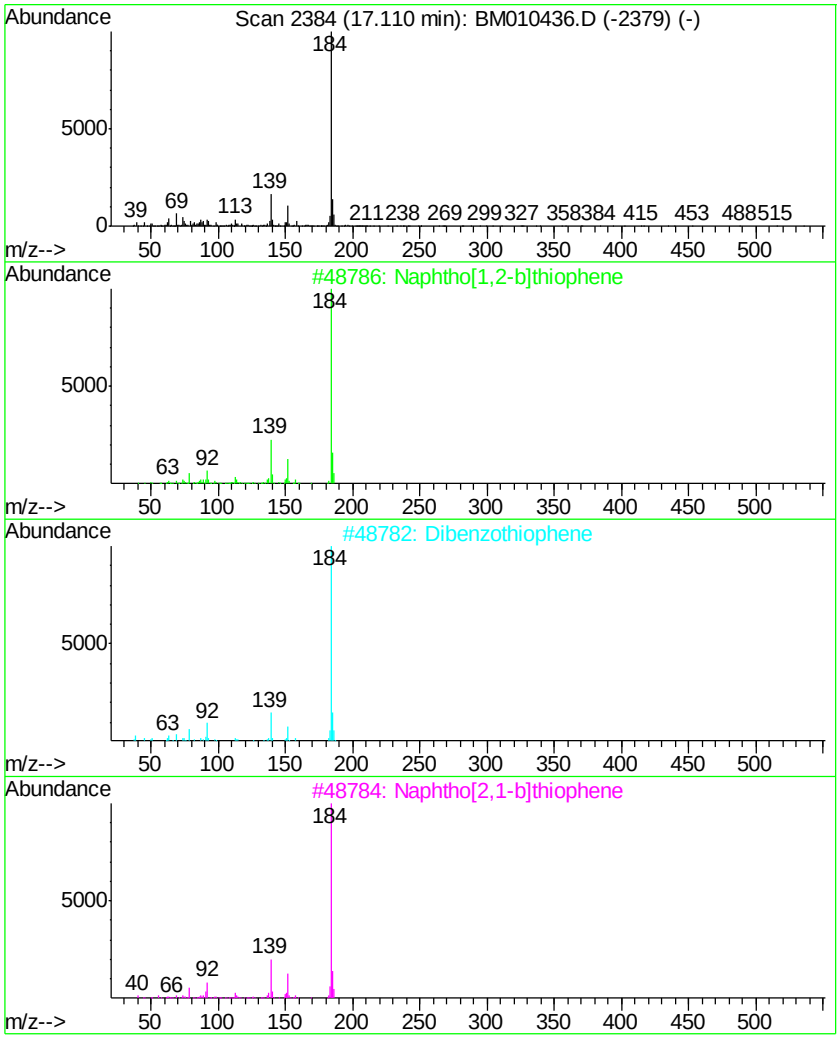
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

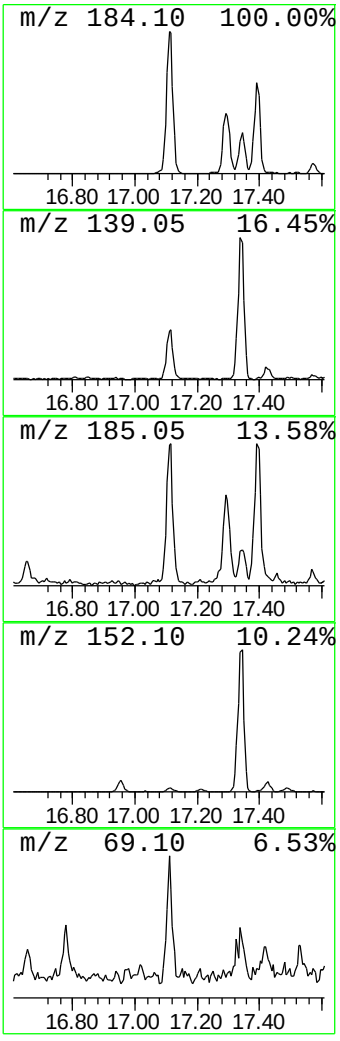
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	6.67 ng/ul	1521490	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Library Search Compound Report

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Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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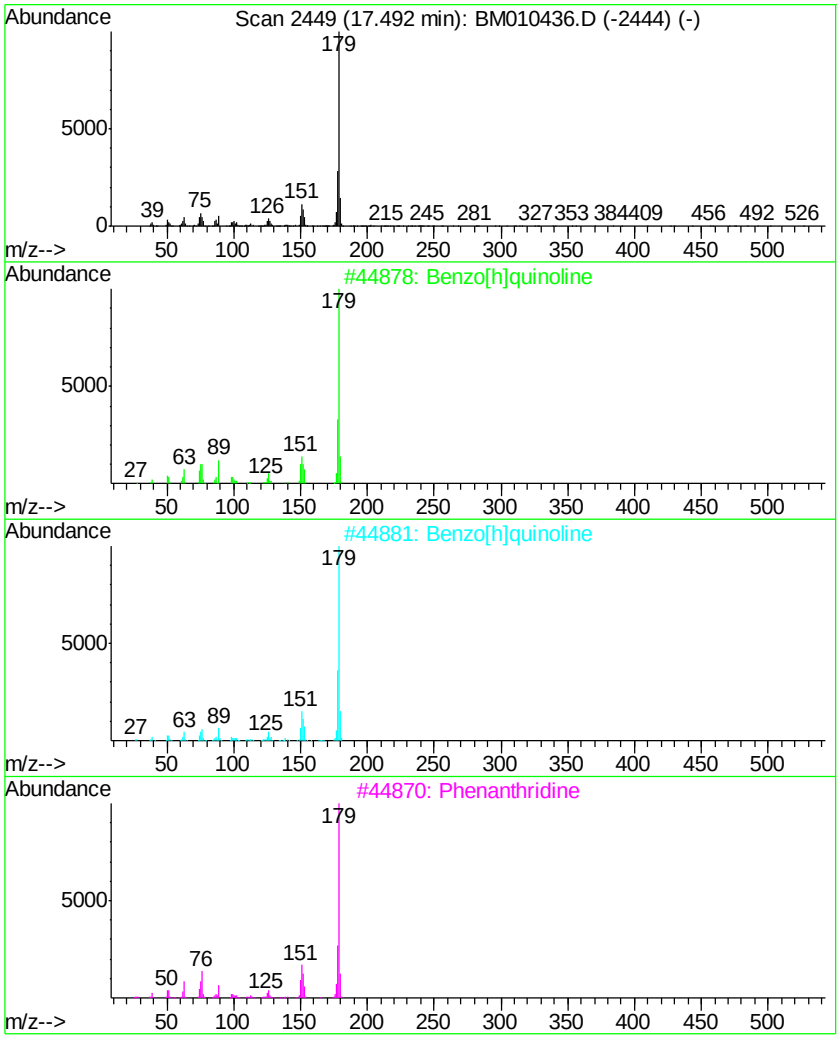
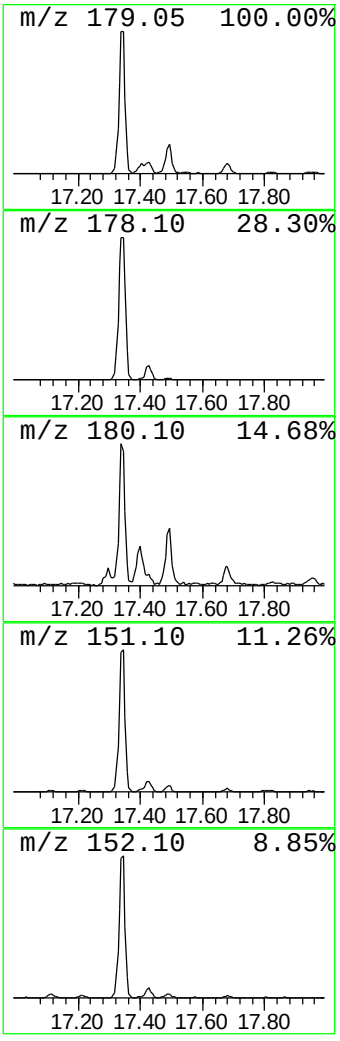
Peak Number 2 Benzo[h]quinoline Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	5.44 ng/ul	1241520	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
3	Phenanthridine	179	C13H9N	000229-87-8	91
4	Acridine	179	C13H9N	000260-94-6	91
5	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	91





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Sample : I3446-05
Misc :
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Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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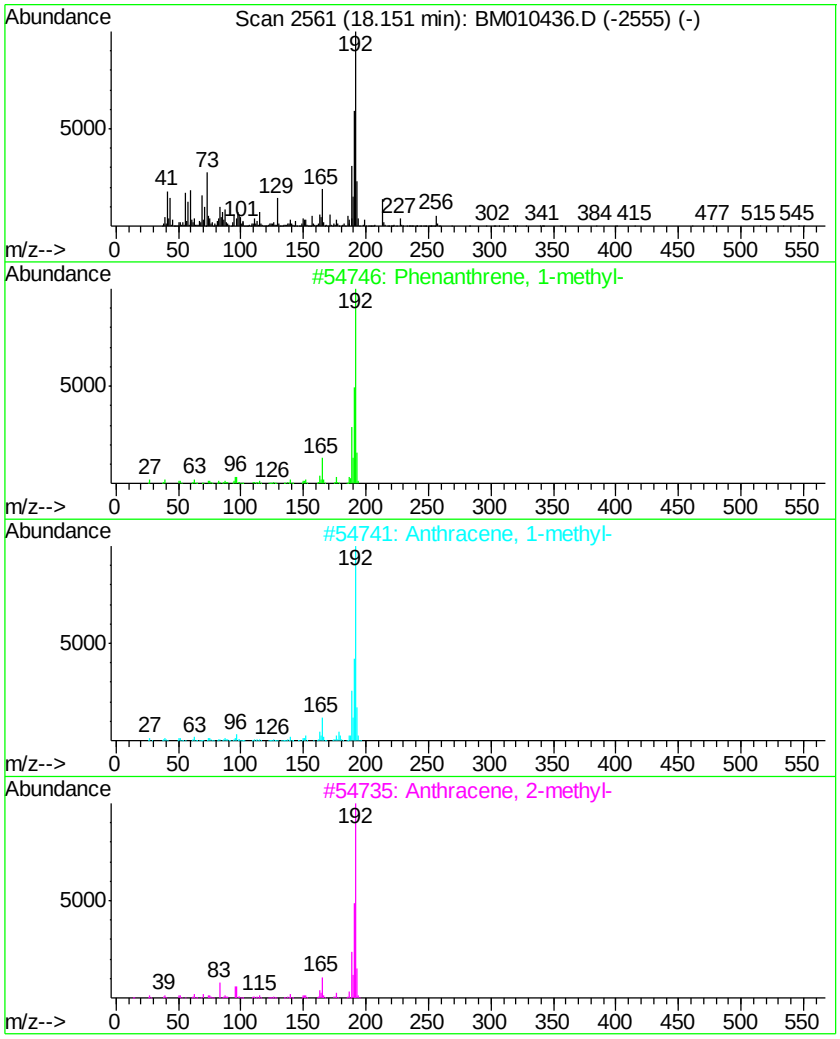
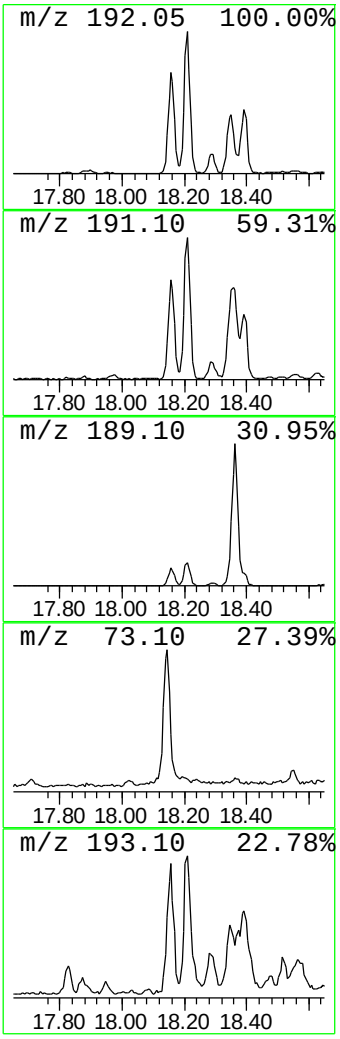
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	19.02 ng/ul	4338830	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





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ClientSampleId : BDC48

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Quant Title : SVOA CALIBRATION

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

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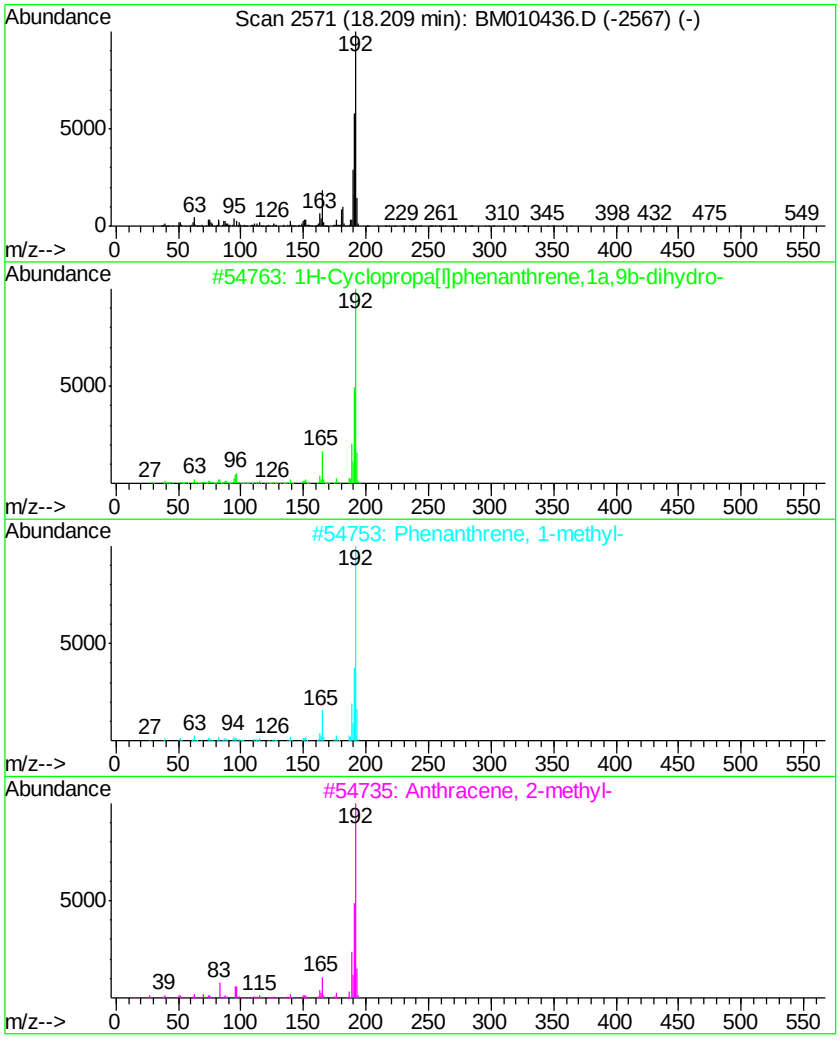
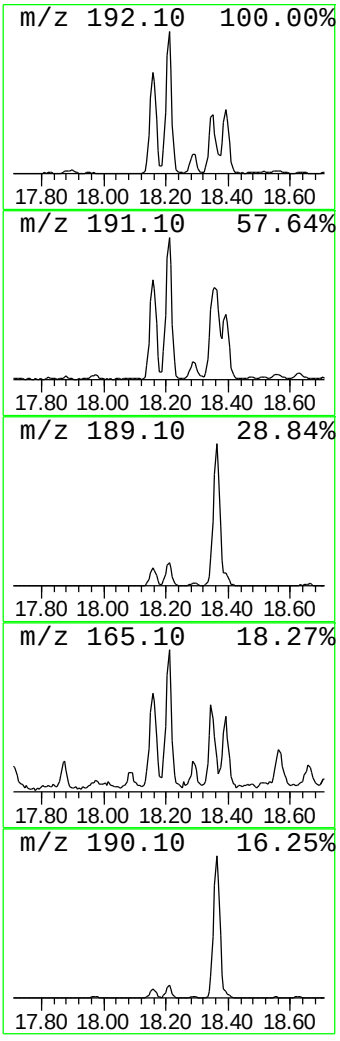
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	14.29 ng/ul	3259780	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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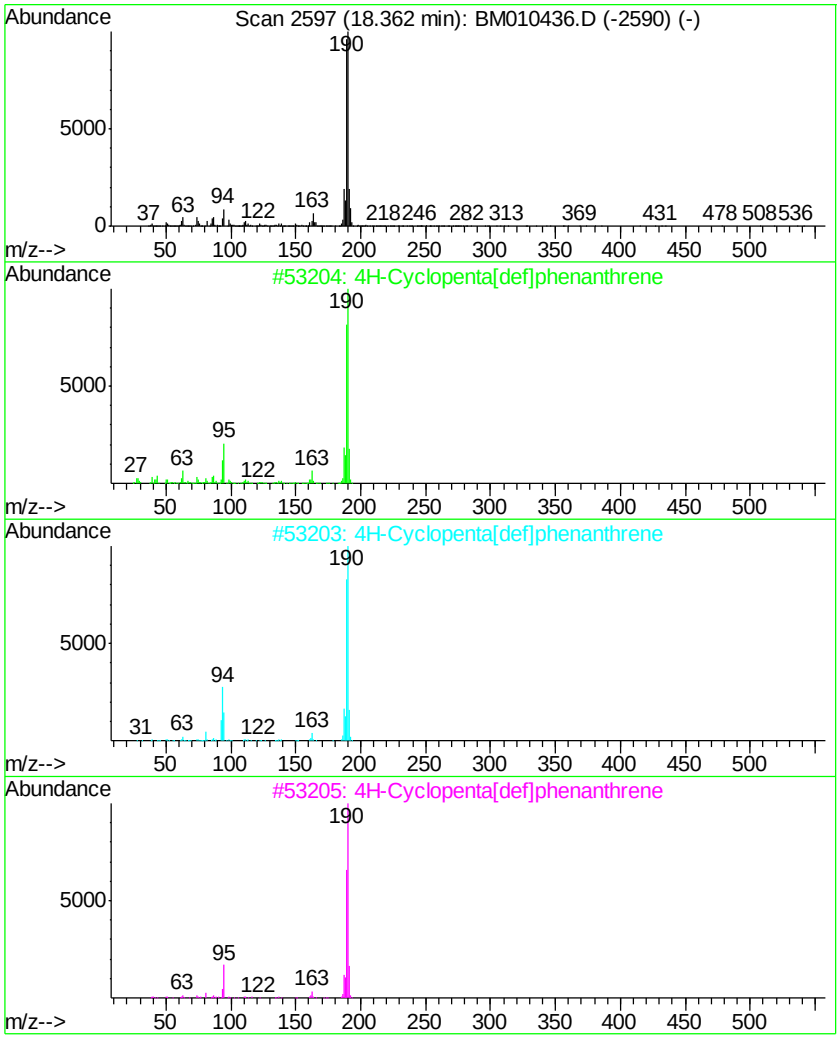
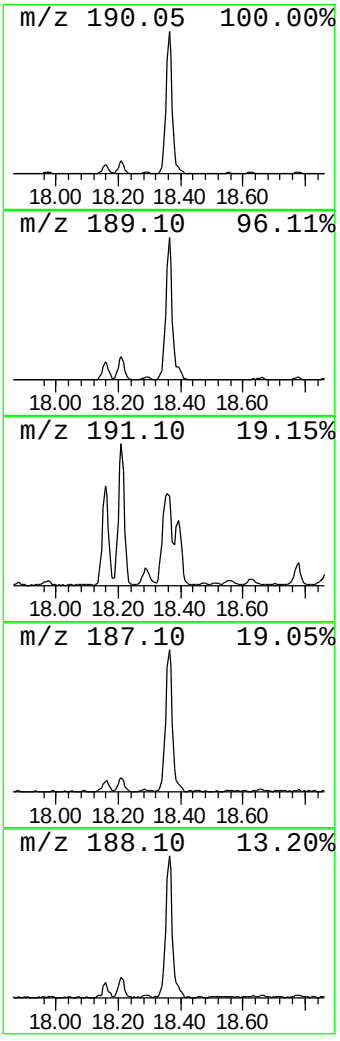
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	30.10 ng/ul	6865430	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





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Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

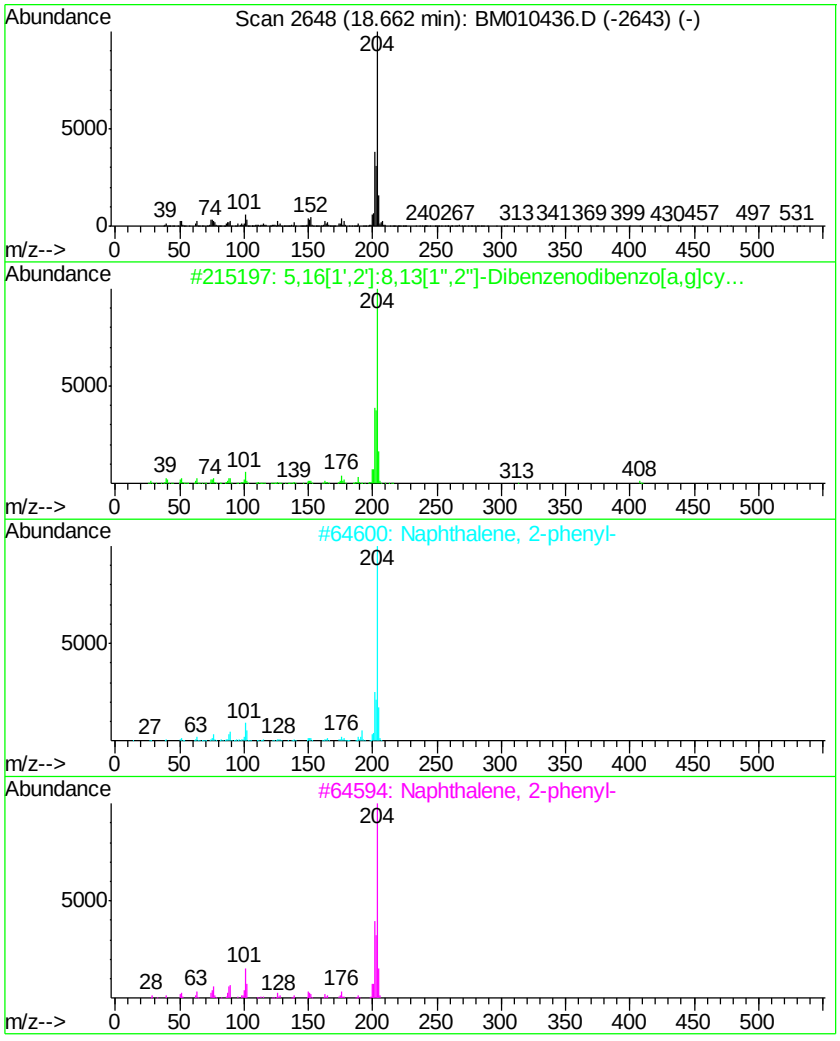
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

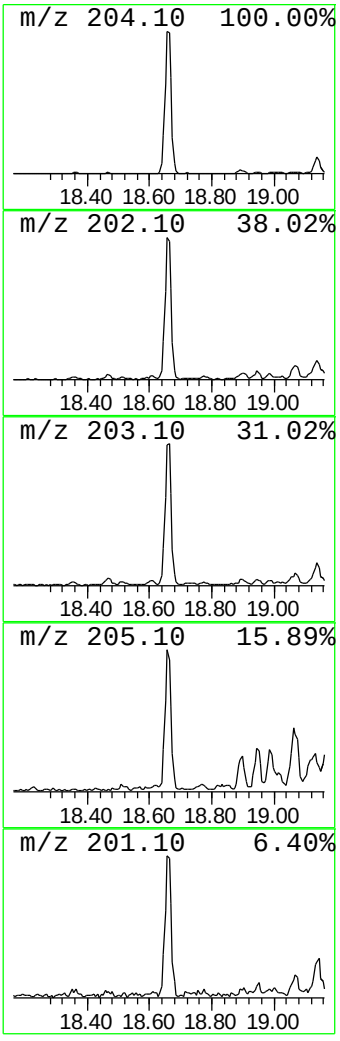
****

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	11.01 ng/ul	2510170	Phenanthrene-d10	17.29

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	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
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Acq On : 07 Jun 2017 16:39
Operator : SJ/MA
Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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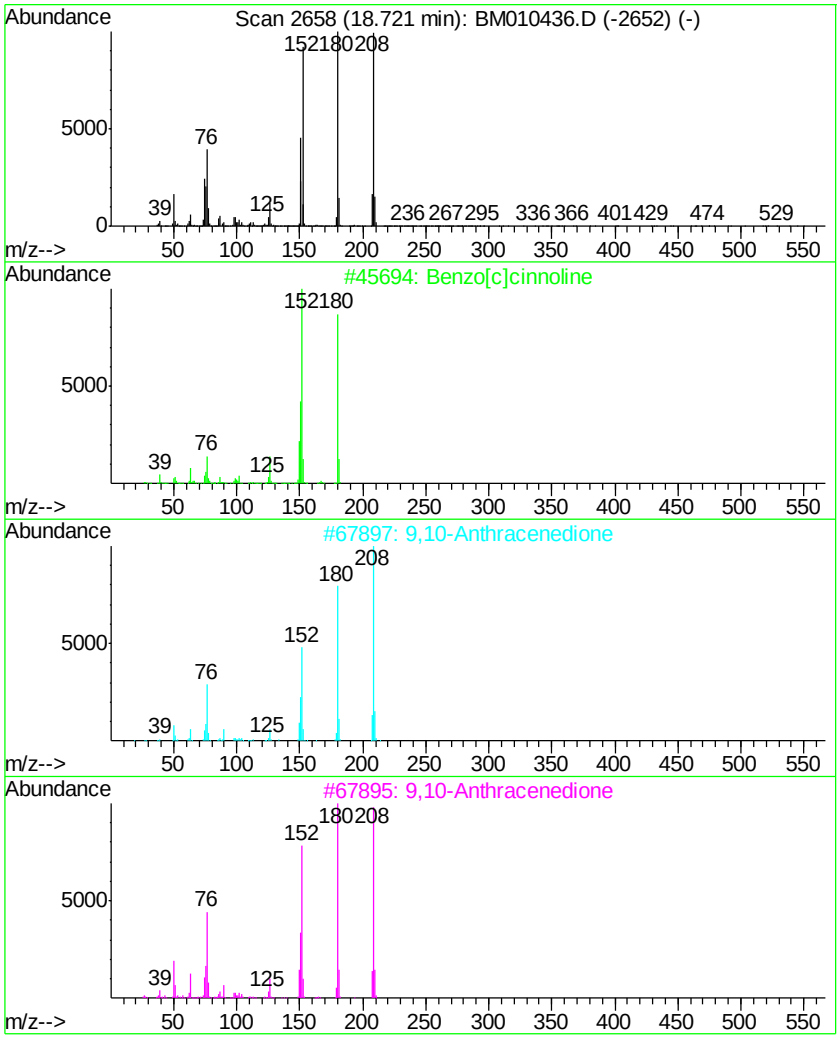
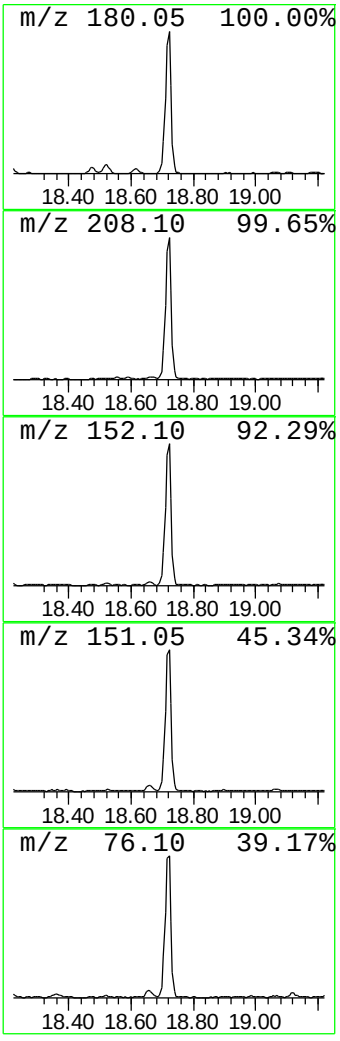
Peak Number 7 Benzo[c]cinnoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	38.79 ng/ul	8847680	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78





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Acq On : 07 Jun 2017 16:39
Operator : SJ/MA
Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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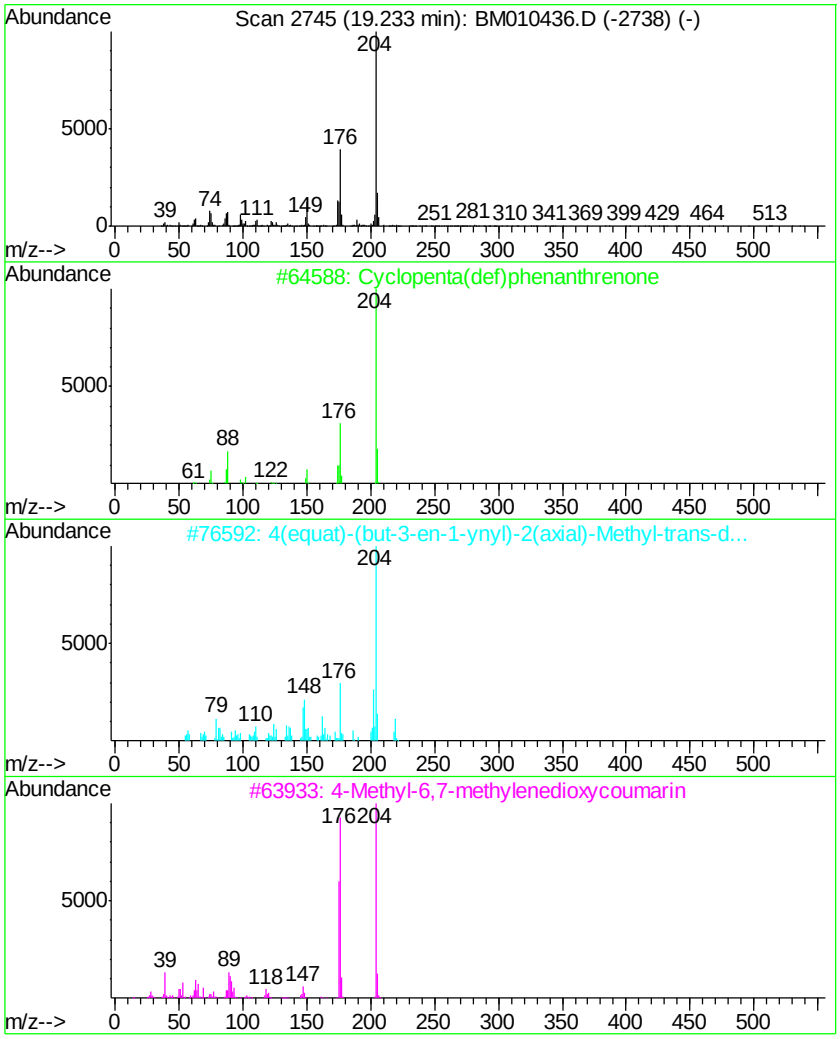
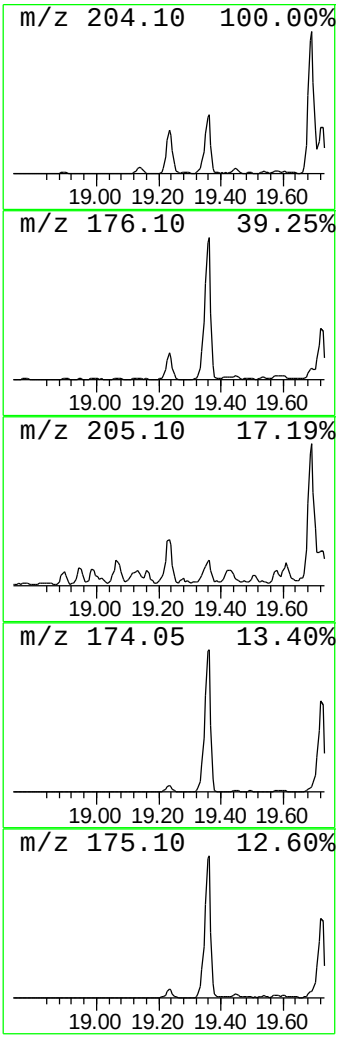
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	10.36 ng/ul	2362080	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	59
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	45
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	45
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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Acq On : 07 Jun 2017 16:39
Operator : SJ/MA
Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

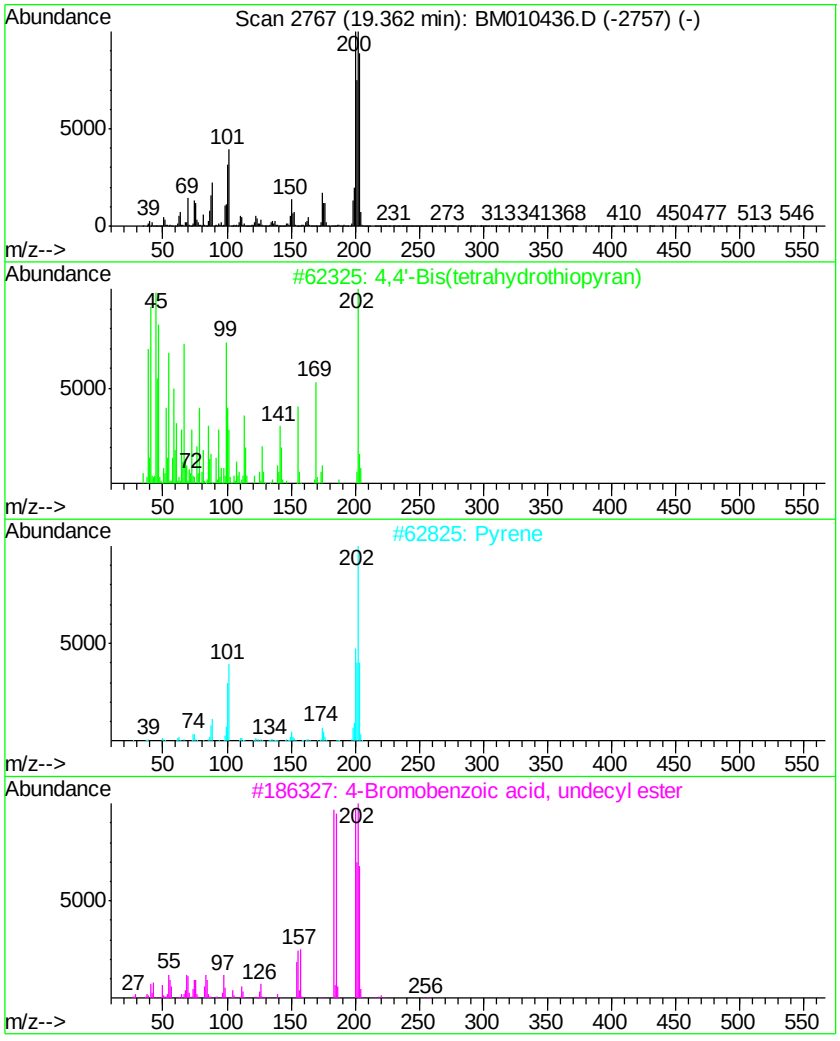
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

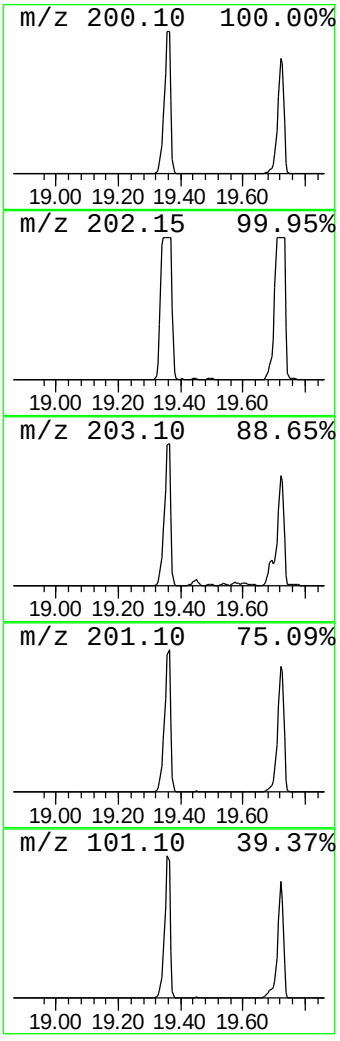
****

Peak Number 9 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	522.85 ng/ul	119247000	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2	Pyrene	202	C16H10	000129-00-0	46
3	4-Bromobenzoic acid, undecyl ester	354	C18H27BrO2	1000282-84-5	42
4	4-Bromobenzoic acid, 6-chlorohex...	318	C13H16BrClO2	1000330-91-1	38
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	38





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Sample : I3446-05
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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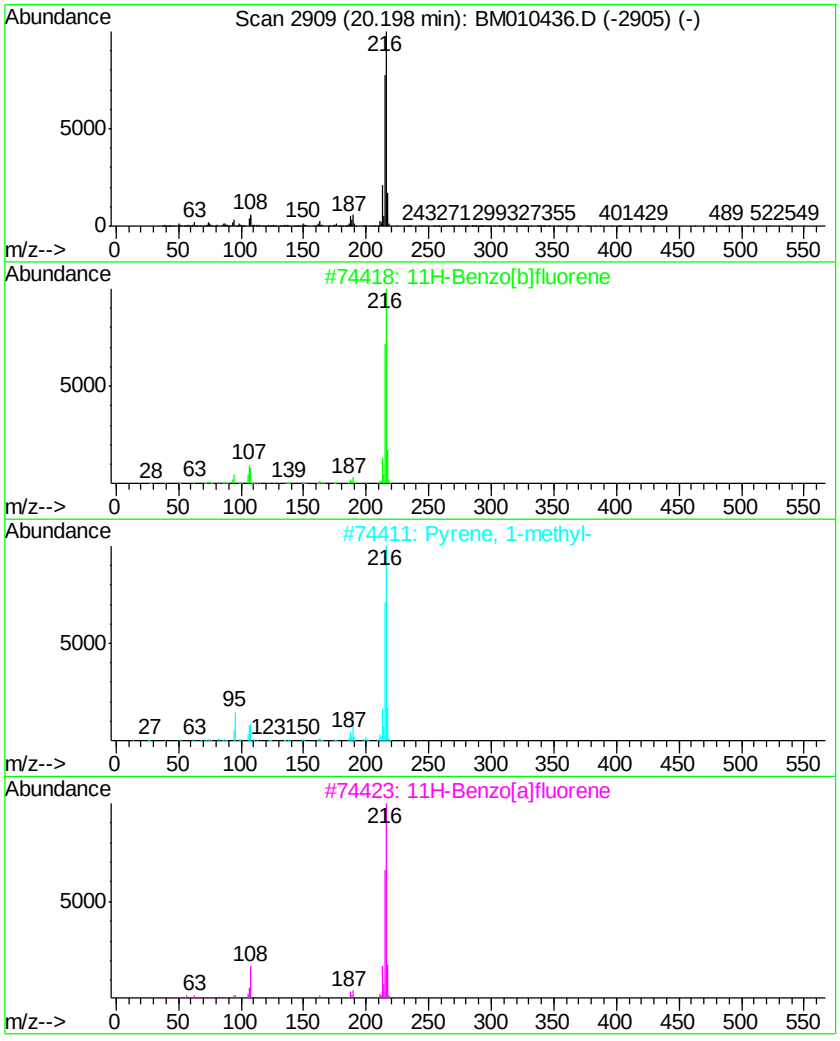
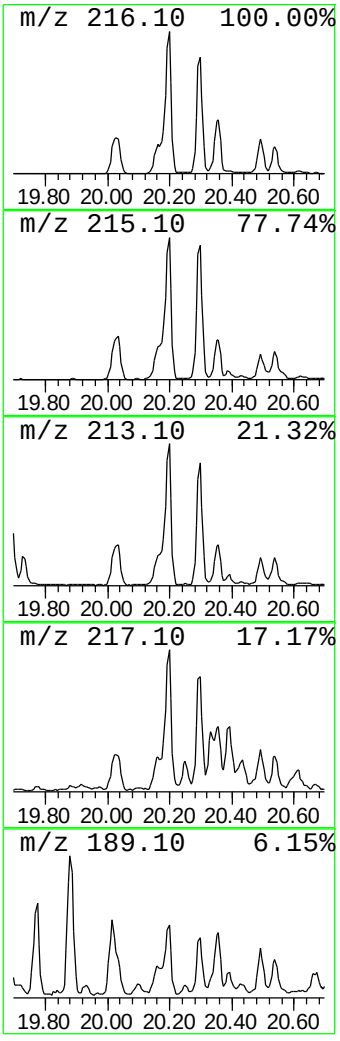
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	3.11 ng/ul	9062350	Chrysene-d12	21.46

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
Data File : BM010436.D
Acq On : 07 Jun 2017 16:39
Operator : SJ/MA
Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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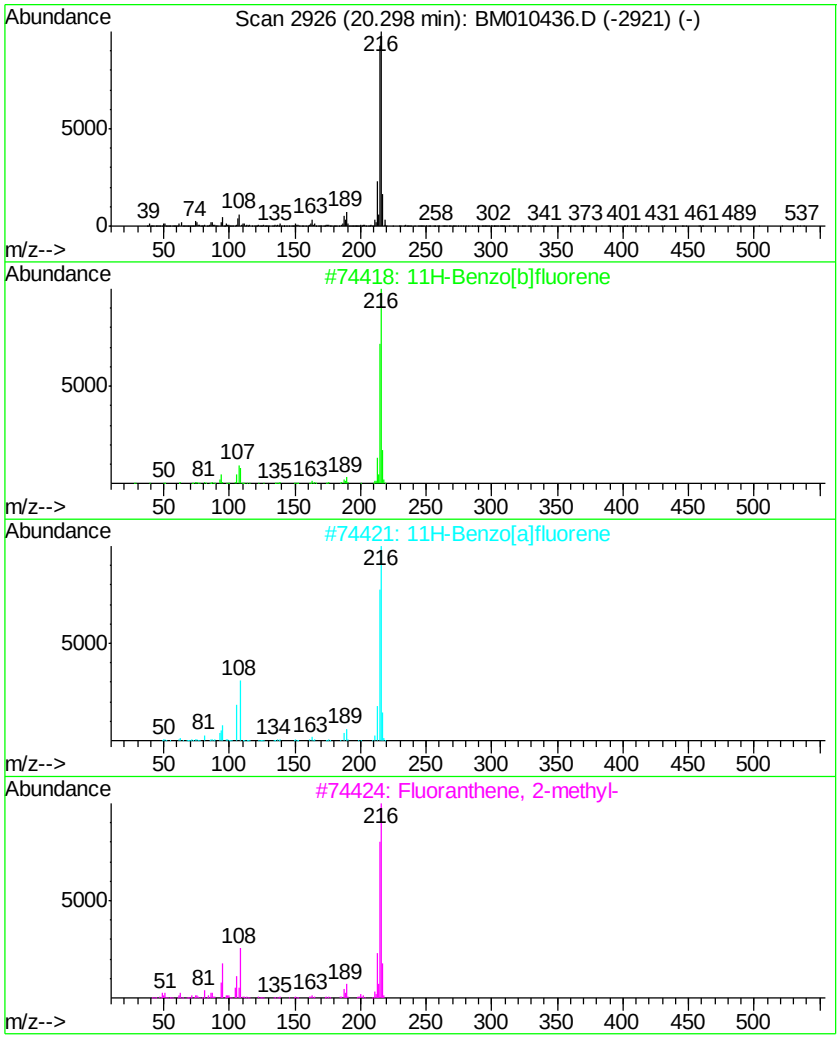
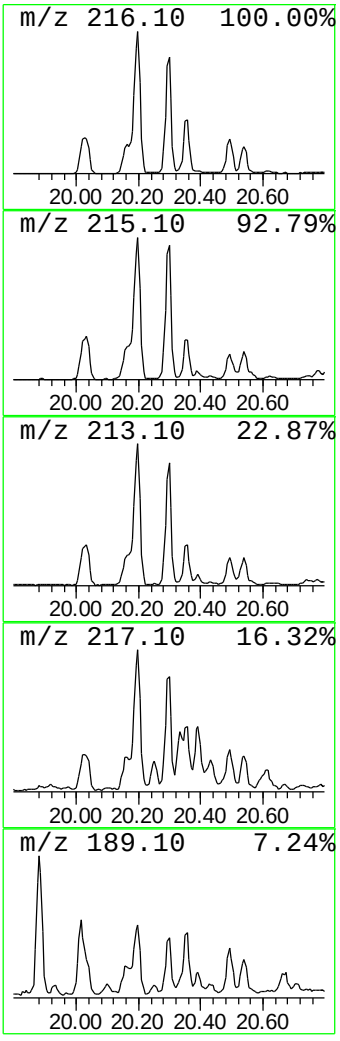
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.64 ng/ul	7689650	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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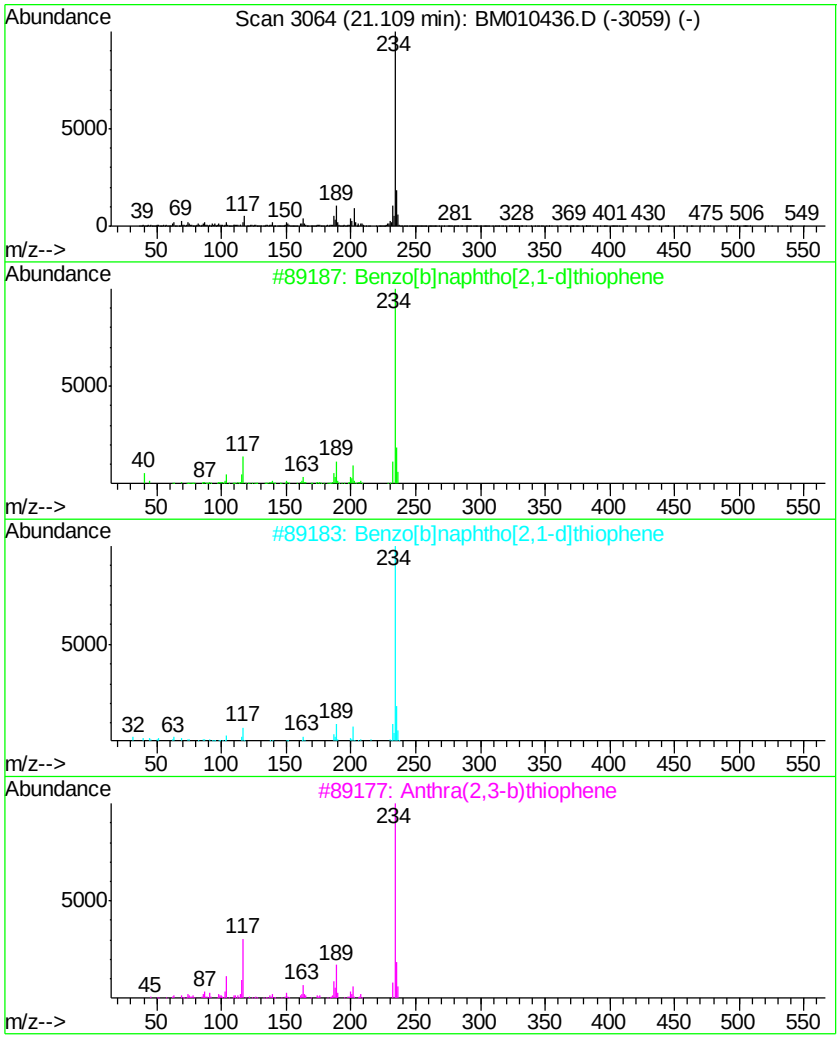
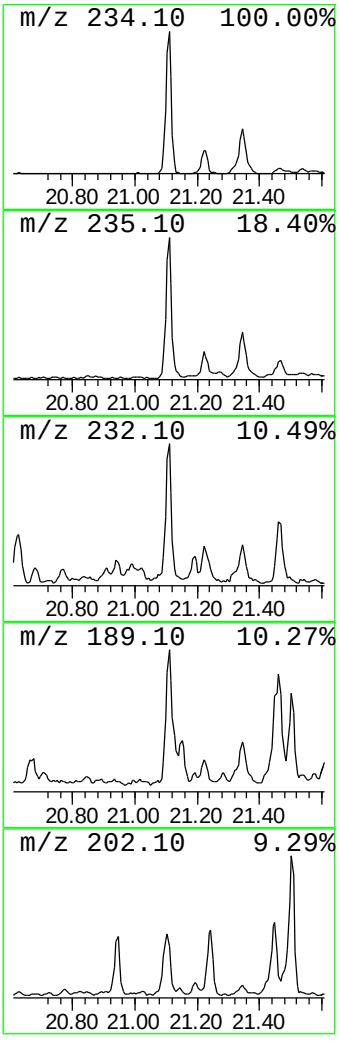
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	3.22 ng/ul	9383540	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	95
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94





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Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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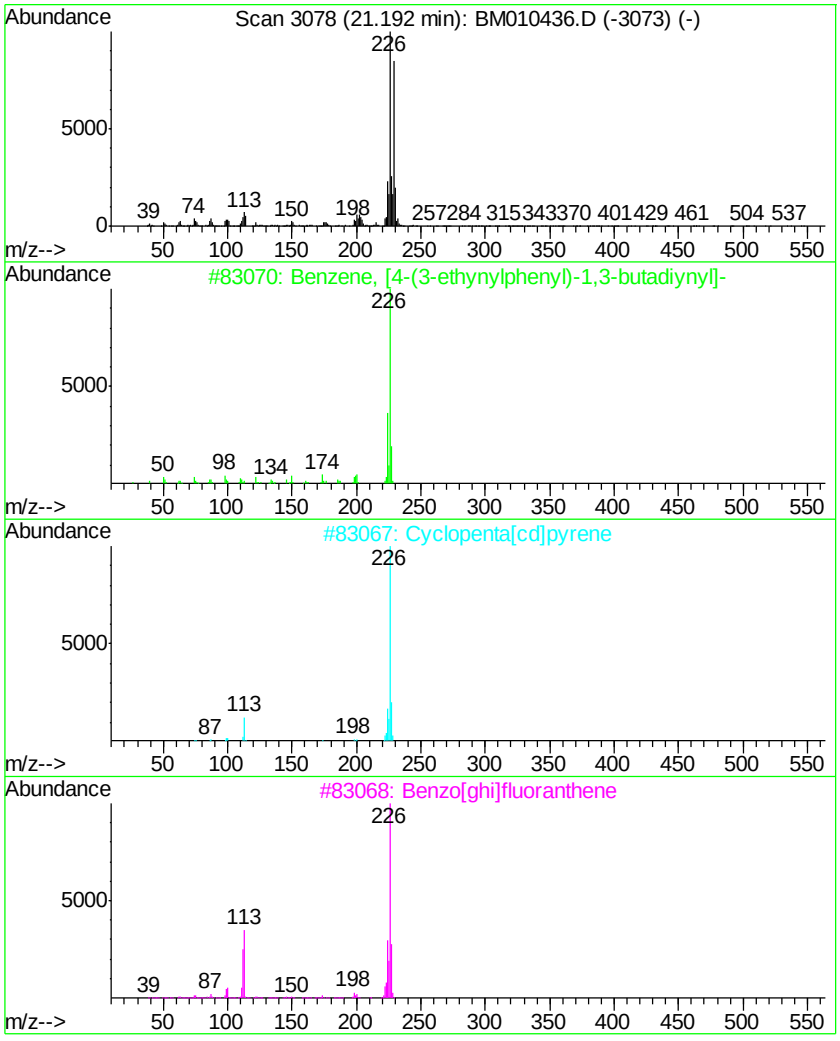
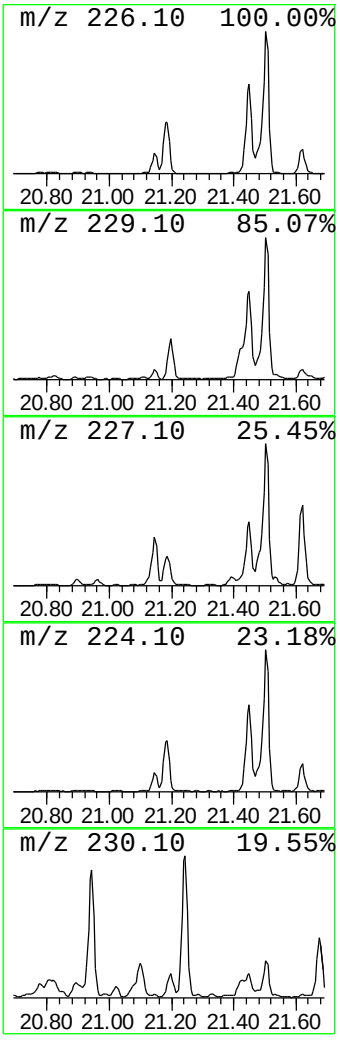
Peak Number 13 Benzene, [4-(3-ethynylpheny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	2.94 ng/ul	8576530	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	64
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	53
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
5	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	43





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Sample : I3446-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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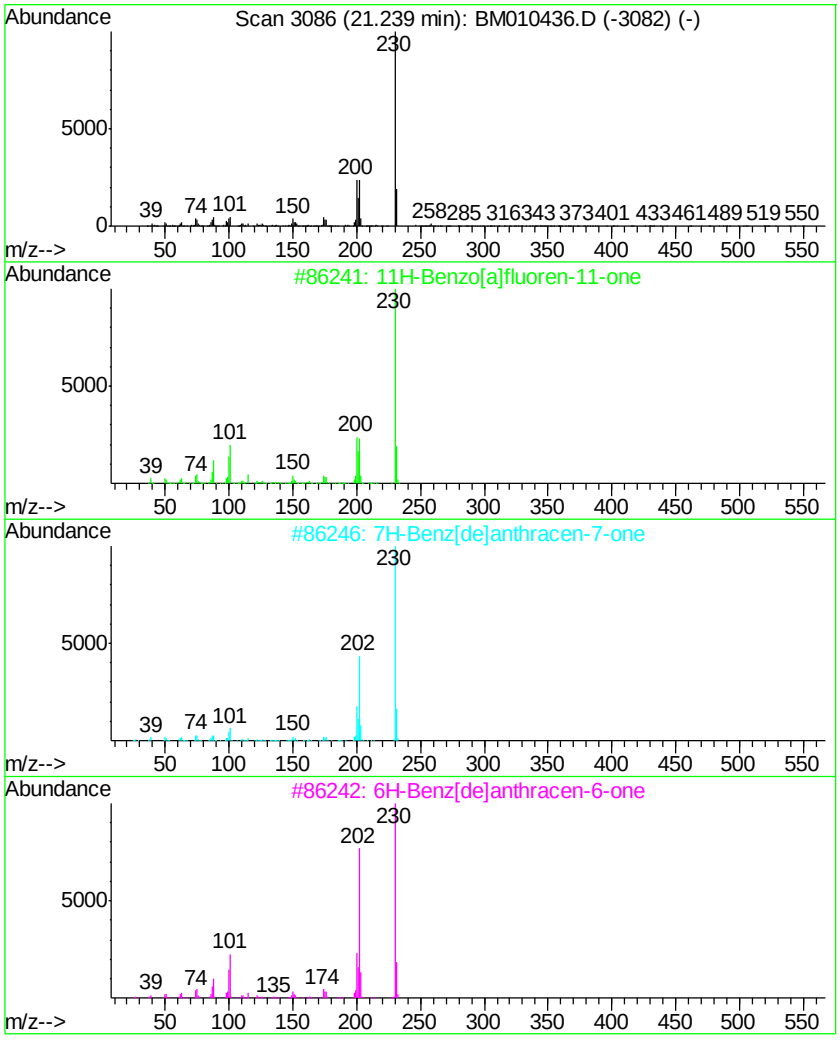
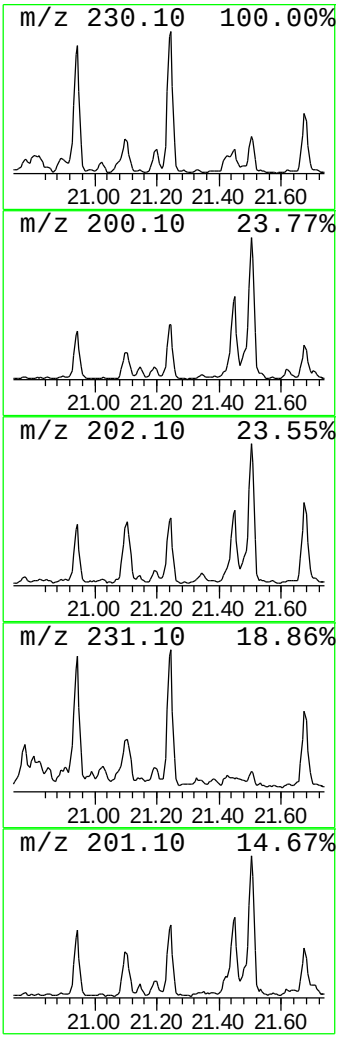
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	2.06 ng/ul	6001330	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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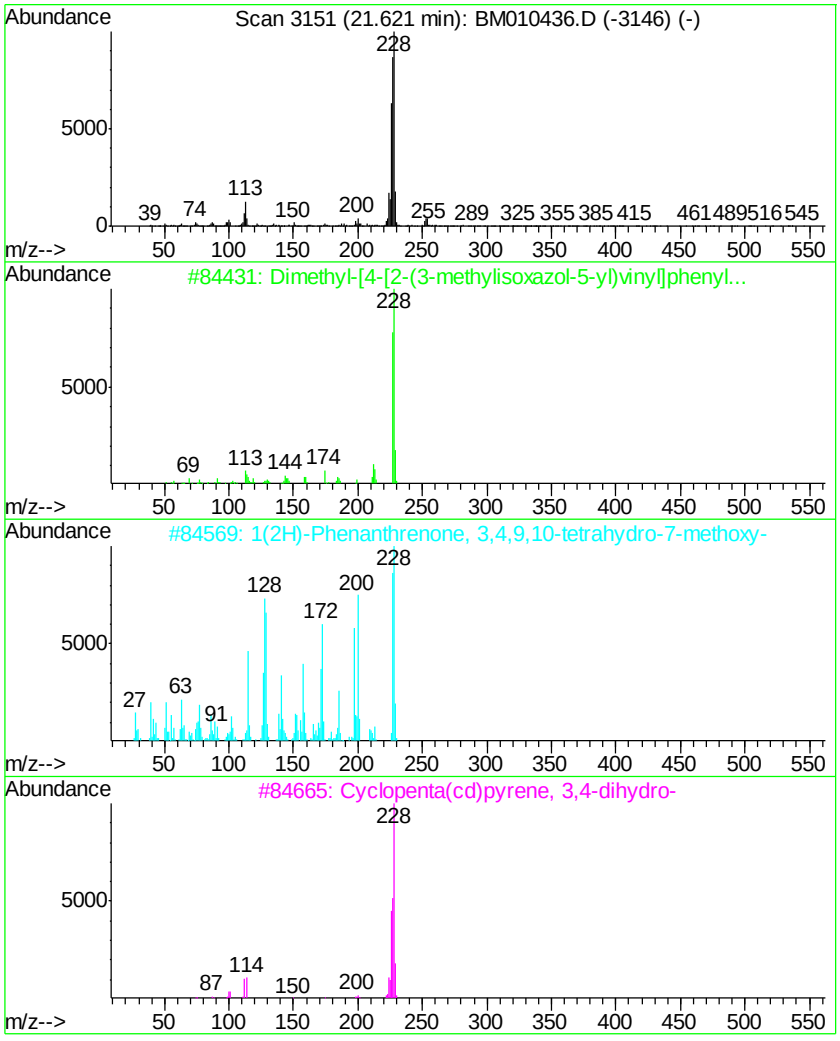
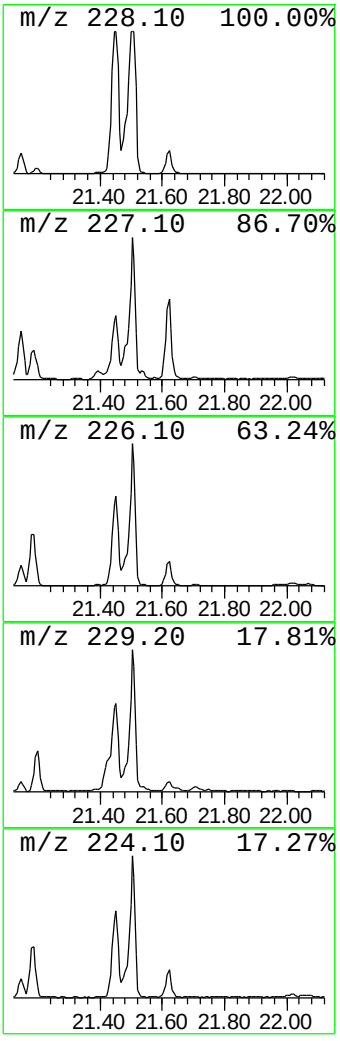
Peak Number 15 Dimethyl-[4-[2-(3-methyliso... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.66 ng/ul	7761180	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5	Benz[a]anthracene	228	C18H12	000056-55-3	42





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Misc :
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Instrument : BNA_M
ClientSampleId : BDC48

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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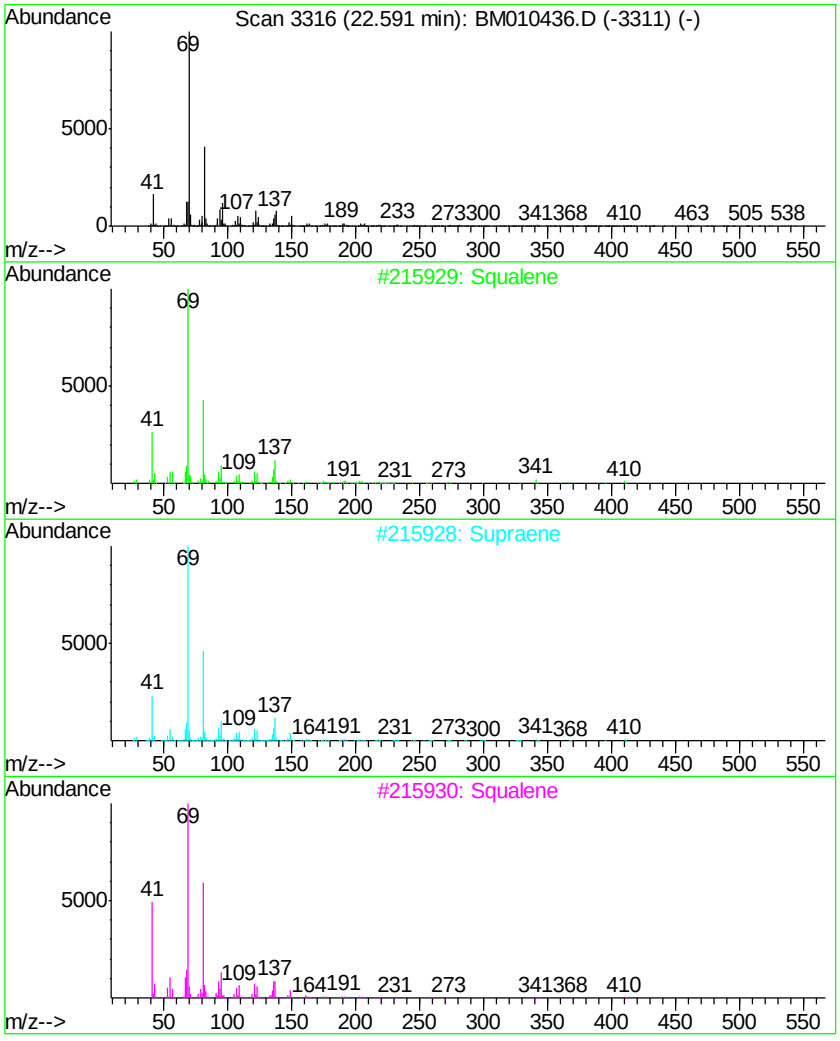
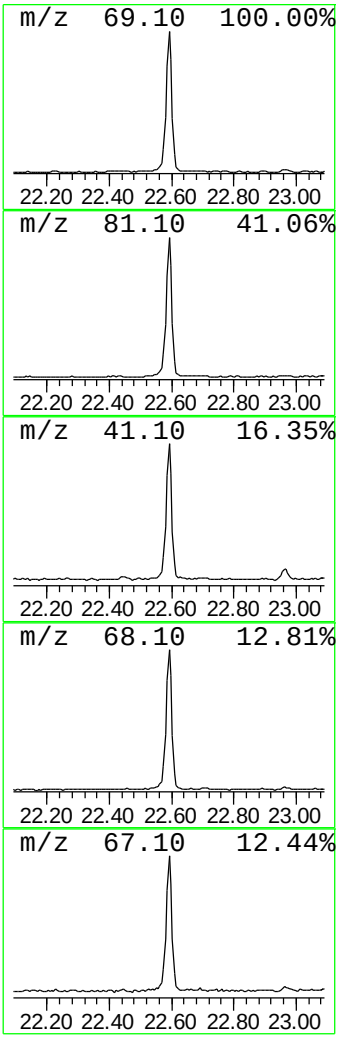
Peak Number 16 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	6.93 ng/ul	20178500	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	97
2	Supraene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	000111-02-4	91
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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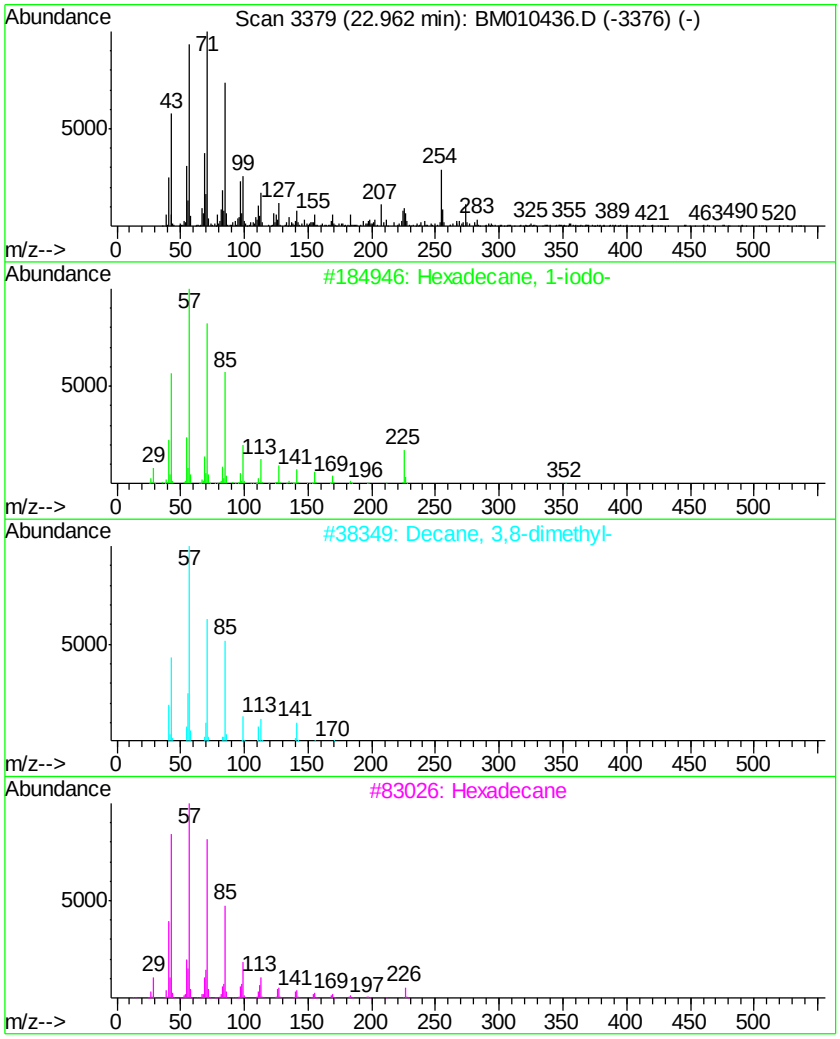
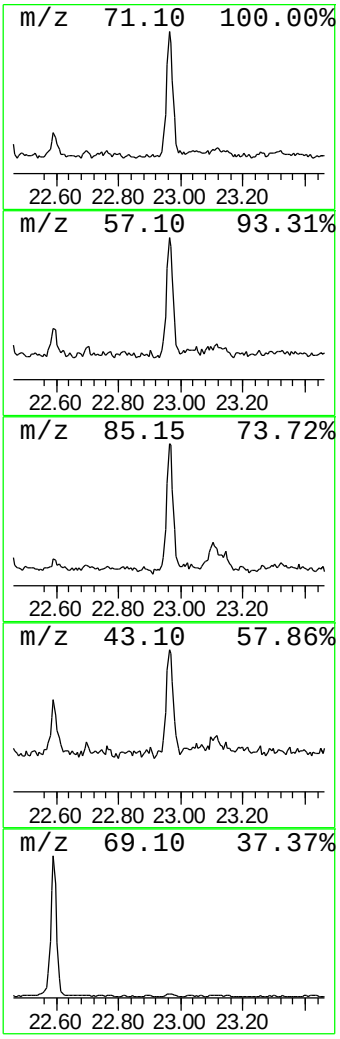
Peak Number 17 Hexadecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	7.54 ng/ul	2171510	Perylene-d12	23.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	89
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
3	Hexadecane	226	C16H34	000544-76-3	76
4	Triacontane	422	C30H62	000638-68-6	74
5	Tetratetracontane	619	C44H90	007098-22-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
Data File : BM010436.D
Acq On : 07 Jun 2017 16:39
Operator : SJ/MA
Sample : I3446-05
Misc :
ALS Vial : 12 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphtho[1,2-b]thi...	17.11	6.7	ng/ul	1521490	4	17.29	4561440	20.0
Benzo[h]quinoline	17.49	5.4	ng/ul	1241520	4	17.29	4561440	20.0
Phenanthrene, 1-m...	18.15	19.0	ng/ul	4338830	4	17.29	4561440	20.0
1H-Cyclopropa[l]p...	18.21	14.3	ng/ul	3259780	4	17.29	4561440	20.0
4H-Cyclopenta[def...	18.36	30.1	ng/ul	6865430	4	17.29	4561440	20.0
5,16[1',2']:8,13[...	18.66	11.0	ng/ul	2510170	4	17.29	4561440	20.0
Benzo[c]cinnoline	18.72	38.8	ng/ul	8847680	4	17.29	4561440	20.0
Cyclopenta(def)ph...	19.23	10.4	ng/ul	2362080	4	17.29	4561440	20.0
4,4'-Bis(tetrahyd...	19.36	522.9	ng/ul	119247000	4	17.29	4561440	20.0
11H-Benzo[b]fluorene	20.20	3.1	ng/ul	9062350	5	21.46	58263400	20.0
Pyrene, 1-methyl-	20.30	2.6	ng/ul	7689650	5	21.46	58263400	20.0
Benzo[b]naphtho[2...	21.11	3.2	ng/ul	9383540	5	21.46	58263400	20.0
Benzene, [4-(3-et...	21.19	2.9	ng/ul	8576530	5	21.46	58263400	20.0
11H-Benzo[a]fluor...	21.24	2.1	ng/ul	6001330	5	21.46	58263400	20.0
Dimethyl-[4-[2-(3...	21.62	2.7	ng/ul	7761180	5	21.46	58263400	20.0
Squalene	22.59	6.9	ng/ul	20178500	5	21.46	58263400	20.0
Hexadecane, 1-iodo-	22.96	7.5	ng/ul	2171510	6	23.81	5763780	20.0