LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

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-BM113017.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	6.851	630	640	649	rBV	1146484	1933062	4.67%	0.519%
2	7.016	661	668	678	rBV	821391	1250485	3.02%	0.336%
3	7.210	693	701	709	rVB	1156993	1851453	4.47%	0.497%
4	7.669	773	779	787	rBV	787084	1270788	3.07%	0.341%
5	8.204	861	870	882	rBV	391132	715455	1.73%	0.192%
6	8.381	893	900	909	rBV2	1512896	2418937	5.84%	0.649%
7	8.828	969	976	988	rVB	1143531	1860566	4.50%	0.499%
8	9.540	1090	1097	1105	rBV	981911	1662559	4.02%	0.446%
9	10.075	1181	1188	1207	rVB	1518115	2617168	6.32%	0.702%
10	10.451	1244	1252	1256	rBV	1165012	1940015	4.69%	0.521%
11	10.498	1256	1260	1268	rVB	583782	958244	2.32%	0.257%
12	10.592	1268	1276	1286	rBV	1183905	2121542	5.13%	0.569%
13	12.116	1528	1535	1543	rVB	303902	513006	1.24%	0.138%
14	13.733	1804	1810	1814	rBV	2500178	3470105	8.38%	0.931%
15	13.775	1814	1817	1823	rVB	527523	744792	1.80%	0.200%
16	14.004	1845	1856	1859	rBV	2952253	4664745	11.27%	1.252%
17	14.033	1859	1861	1876	rVB	1837722	2608054	6.30%	0.700%
18	14.316	1901	1909	1916	rBV3	1629205	2821284	6.82%	0.757%
19	14.380	1916	1920	1926	rVB	1202811	1769363	4.28%	0.475%
20	14.539	1938	1947	1955	rBV	1040357	1813456	4.38%	0.487%
21	14.716	1972	1977	1982	rBV	728616	999645	2.42%	0.268%
22	15.310	2072	2078	2084	rBV	3542995	5123382	12.38%	1.375%
23	15.369	2084	2088	2096	rVB	701789	976342	2.36%	0.262%
24	15.445	2096	2101	2106	rBV	1036324	1490022	3.60%	0.400%
25	15.680	2133	2141	2151	rBV2	1425085	2271239	5.49%	0.609%
26	15.810	2155	2163	2170	rVB2	207924	480099	1.16%	0.129%
27	16.045	2197	2203	2210	rBV3	496073	919167	2.22%	0.247%
28	16.721	2313	2318	2327	rBV	2366654	3413822	8.25%	0.916%
29	16.886	2341	2346	2355	rVB	471652	762826	1.84%	0.205%
30	17.068	2372	2377	2380	rBV2	1980112	3002593	7.26%	0.806%
31	17.110	2380	2384	2389	rVV	6281127	8609855	20.80%	2.310%
32	17.168	2389	2394	2397	rVV	3761923	5922288	14.31%	1.589%
33	17.204	2397	2400	2405	rVV	3898348	5079006	12.27%	1.363%
34	17.474	2442	2446	2454	rVB	848512	1199848	2.90%	0.322%

LSC Area Percent Report

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Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

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-BM113017.M
Title : SVOA CALIBRATION

35	17.568	2459	2462	2471	rVB4	270460	528388	1.28%	0.142%
36	17.986	2528	2533	2540	rVB2	660996	1369462	3.31%	0.367%
37	18.068	2543	2547	2553	rVB	546674	726509	1.76%	0.195%
38	18.139	2553	2559	2563	rBV2	867910	1573092	3.80%	0.422%
39	18.339	2588	2593	2598	rBV	1194593	1831399	4.43%	0.491%
40	18.492	2615	2619	2624	rVB2	705554	928829	2.24%	0.249%
41	18.892	2684	2687	2692	rVB2	382941	543010	1.31%	0.146%
42	19.010	2703	2707	2712	rBV	1314633	1742013	4.21%	0.467%
43	19.133	2722	2728	2734	rVB	11904148	16711473	40.38%	4.484%
44	19.280	2750	2753	2758	rVB	632365	789214	1.91%	0.212%
45	19.357	2763	2766	2772	rVB2	466344	785685	1.90%	0.211%
46	19.468	2780	2785	2787	rBV2	5356140	7975651	19.27%	2.140%
47	19.504	2787	2791	2798	rVV	14619838	20092985	48.55%	5.391%
48	19.568	2798	2802	2808	rVB3	574253	1054602	2.55%	0.283%
49	19.674	2816	2820	2826	rBV2	577570	959007	2.32%	0.257%
50	19.745	2826	2832	2839	rVB	2475553	3782187	9.14%	1.015%
51	19.827	2840	2846	2852	rBV4	1453773	3430723	8.29%	0.921%
52	19.974	2863	2871	2878	rVB3	2357339	6238683	15.07%	1.674%
53	20.092	2887	2891	2894	rBV2	761553	954332	2.31%	0.256%
54	20.145	2894	2900	2904	rBV3	1747837	3222867	7.79%	0.865%
55	20.186	2904	2907	2911	rVB	727606	970168	2.34%	0.260%
56	20.292	2921	2925	2929	rBV	2565372	3441010	8.31%	0.923%
57	20.339	2929	2933	2936	rVB2	1113206	1591499	3.85%	0.427%
58	20.562	2965	2971	2972	rBV5	431018	852062	2.06%	0.229%
59	20.651	2984	2986	2990	rVB4	670639	726475	1.76%	0.195%
60	20.704	2991	2995	2998	rBV2	525187	726585	1.76%	0.195%
61	20.745	2998	3002	3008	rVV2	1818775	2642963	6.39%	0.709%
62	20.909	3026	3030	3033	rBV3	1156837	1616941	3.91%	0.434%
63	20.945	3033	3036	3039	rVV	2096147	2451130	5.92%	0.658%
64	20.986	3039	3043	3049	rVV2	4080491	5996988	14.49%	1.609%
65	21.045	3050	3053	3056	rVB	772262	876690	2.12%	0.235%
66	21.256	3080	3089	3092	rBV2	9661681	18077601	43.68%	4.851%
67	21.286	3092	3094	3095	rVV	6570101	6690089	16.17%	1.795%
68	21.309	3095	3098	3107	rVB	11346920	15527382	37.52%	4.166%
69	21.421	3114	3117	3123	rVB4	887990	1778963	4.30%	0.477%
70	21.568	3138	3142	3148	rVV	2213569	3180655	7.69%	0.853%
71	21.627	3148	3152	3159	rVB3	1217570	1695564	4.10%	0.455%

LSC Area Percent Report

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Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

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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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

72	21.756	3170	3174	3177	rBV2	975774	1602321	3.87%	0.430%
73	21.809	3181	3183	3187	rVV	2128454	2642006	6.38%	0.709%
74	21.862	3189	3192	3198	rVB2	1261043	2170397	5.24%	0.582%
75	21.927	3200	3203	3207	rVB2	730956	919213	2.22%	0.247%
76	22.009	3212	3217	3219	rBV	1245732	1872965	4.53%	0.503%
77	22.103	3229	3233	3242	rVB3	1028038	1869400	4.52%	0.502%
78	22.298	3261	3266	3271	rBV3	1057949	1830269	4.42%	0.491%
79	22.586	3308	3315	3325	rVB4	1953346	4890784	11.82%	1.312%
80	22.709	3332	3336	3341	rVB	891008	1284837	3.10%	0.345%
81	22.850	3350	3360	3364	rBV	16935688	41385575	100.00%	11.105%
82	22.939	3371	3375	3380	rVB2	823483	1421792	3.44%	0.382%
83	23.003	3380	3386	3391	rBV	2582887	4197293	10.14%	1.126%
84	23.133	3403	3408	3416	rBV2	983393	2531309	6.12%	0.679%
85	23.315	3432	3439	3444	rBV	8317691	15653099	37.82%	4.200%
86	23.362	3444	3447	3450	rVV2	1758622	2760710	6.67%	0.741%
87	23.415	3450	3456	3461	rVB	8978550	16181344	39.10%	4.342%
88	23.497	3466	3470	3473	rVV	915501	1591268	3.84%	0.427%
89	23.550	3473	3479	3487	rVB	3765570	7610355	18.39%	2.042%
90	25.056	3728	3735	3741	rBV5	585738	1631136	3.94%	0.438%
91	25.239	3757	3766	3778	rVB3	1477051	5242018	12.67%	1.407%
92	25.503	3804	3811	3825	rVB4	968214	2977276	7.19%	0.799%
93	25.750	3842	3853	3863	rVB3	5058534	15521752	37.51%	4.165%
94	26.009	3888	3897	3905	rBV4	1067828	3519081	8.50%	0.944%
95	26.433	3958	3969	3985	rVB	2492628	8034934	19.41%	2.156%

Sum of corrected areas: 372679223

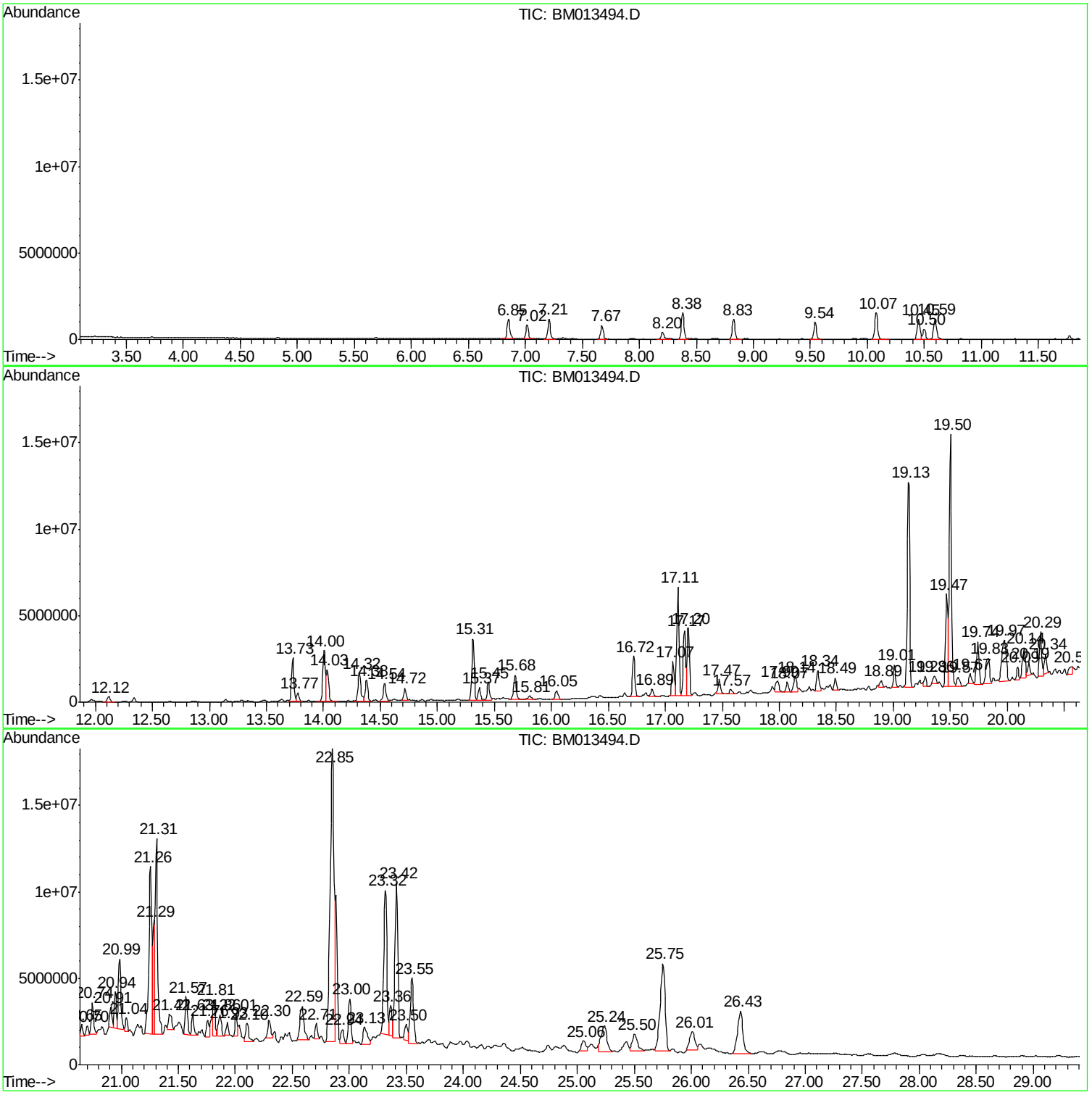
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

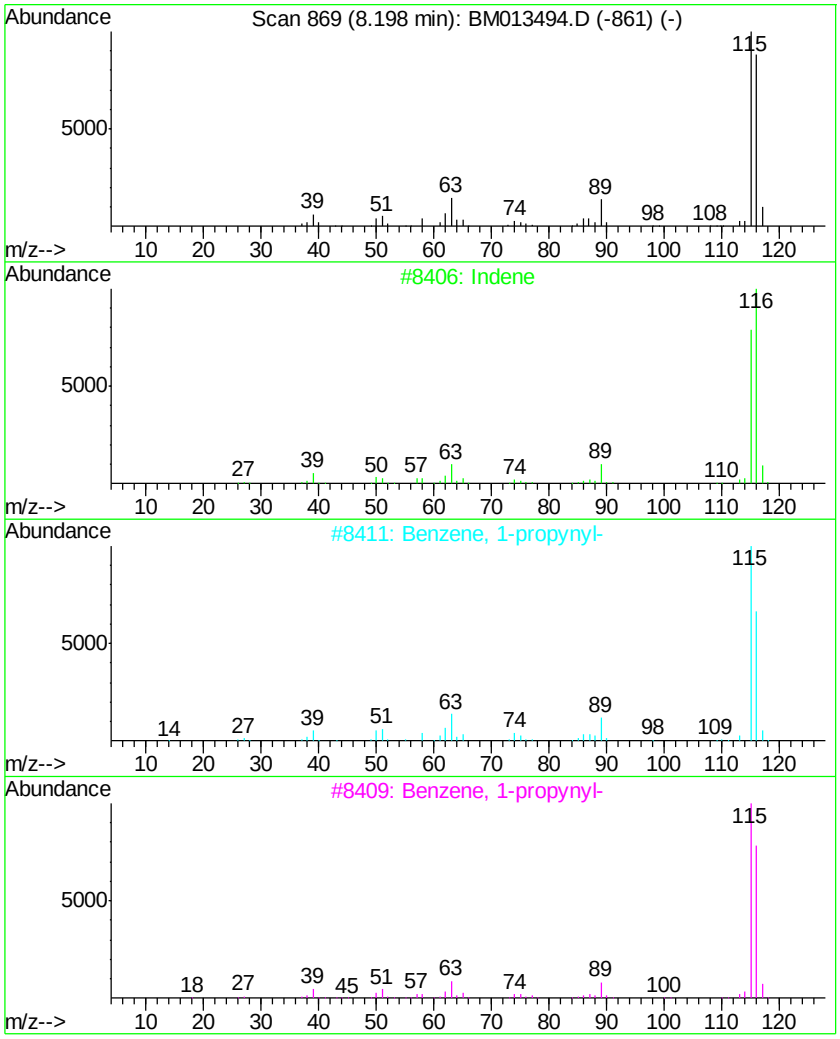
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

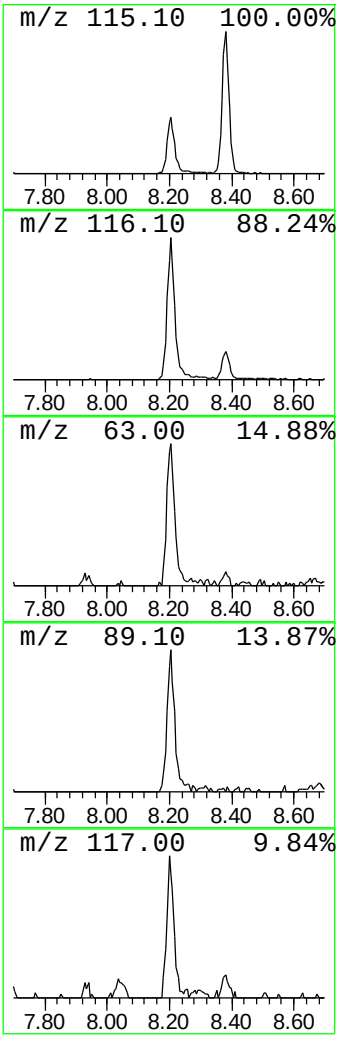
****

Peak Number 1 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	11.26 ng/ul	715455	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Indene	116	C9H8	000095-13-6	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
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Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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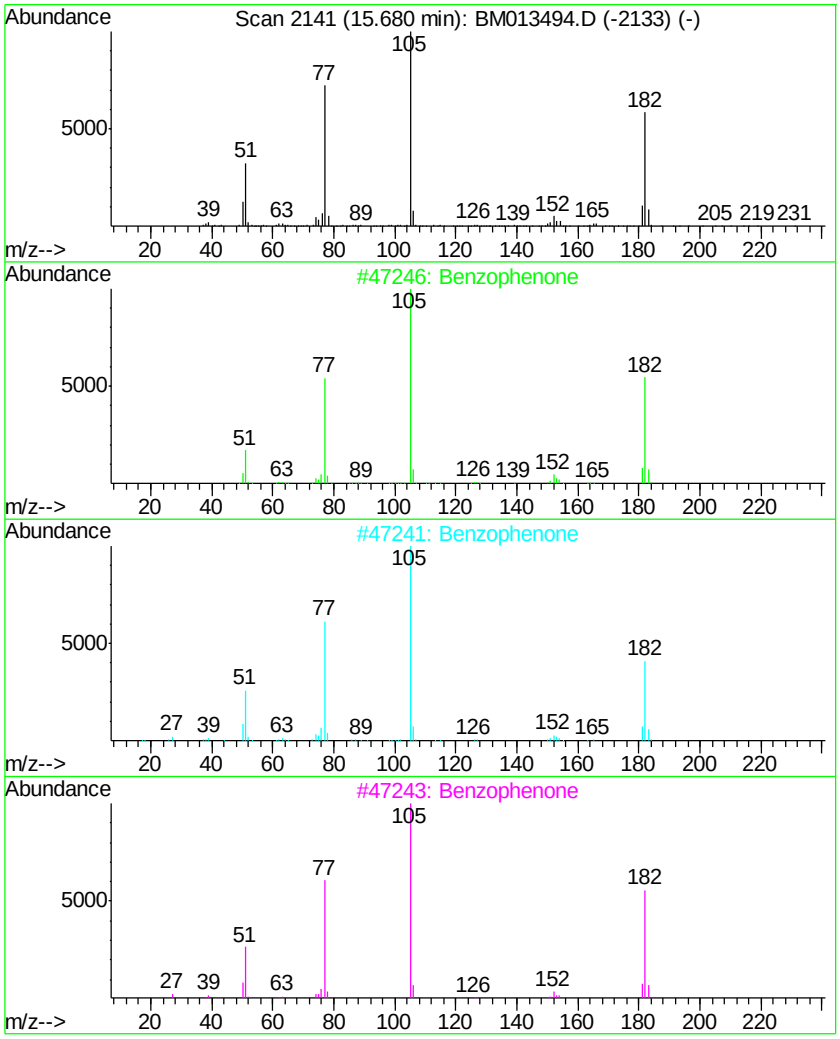
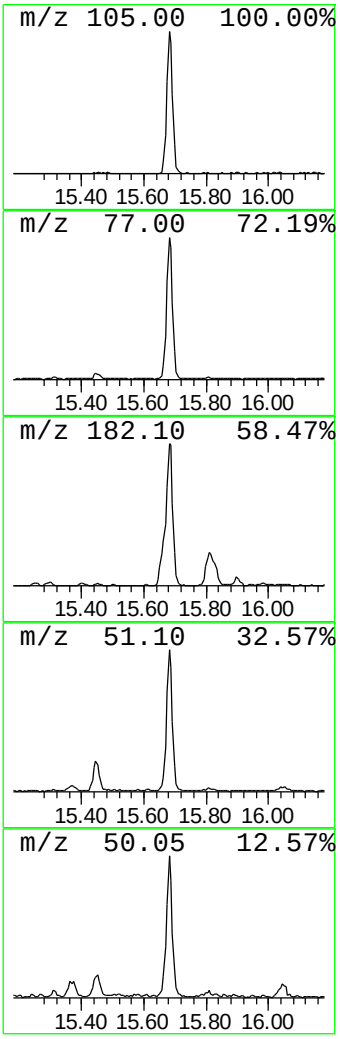
Peak Number 2 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	16.10 ng/ul	2271240	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
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Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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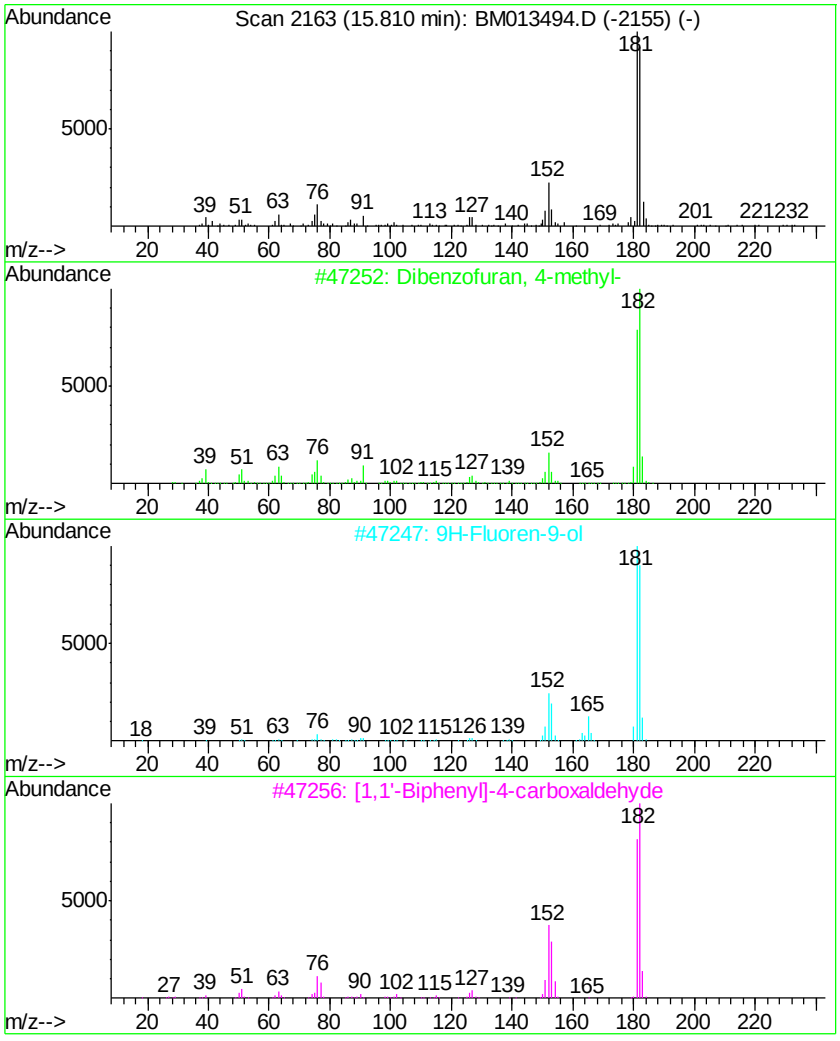
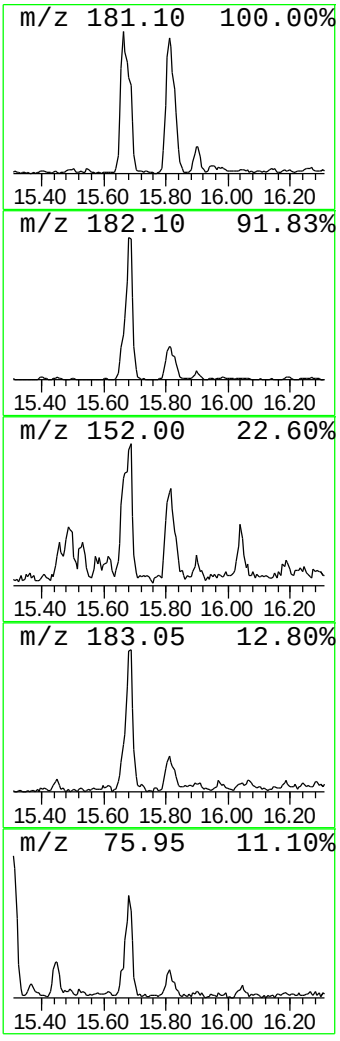
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.20 ng/ul	480099	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
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Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

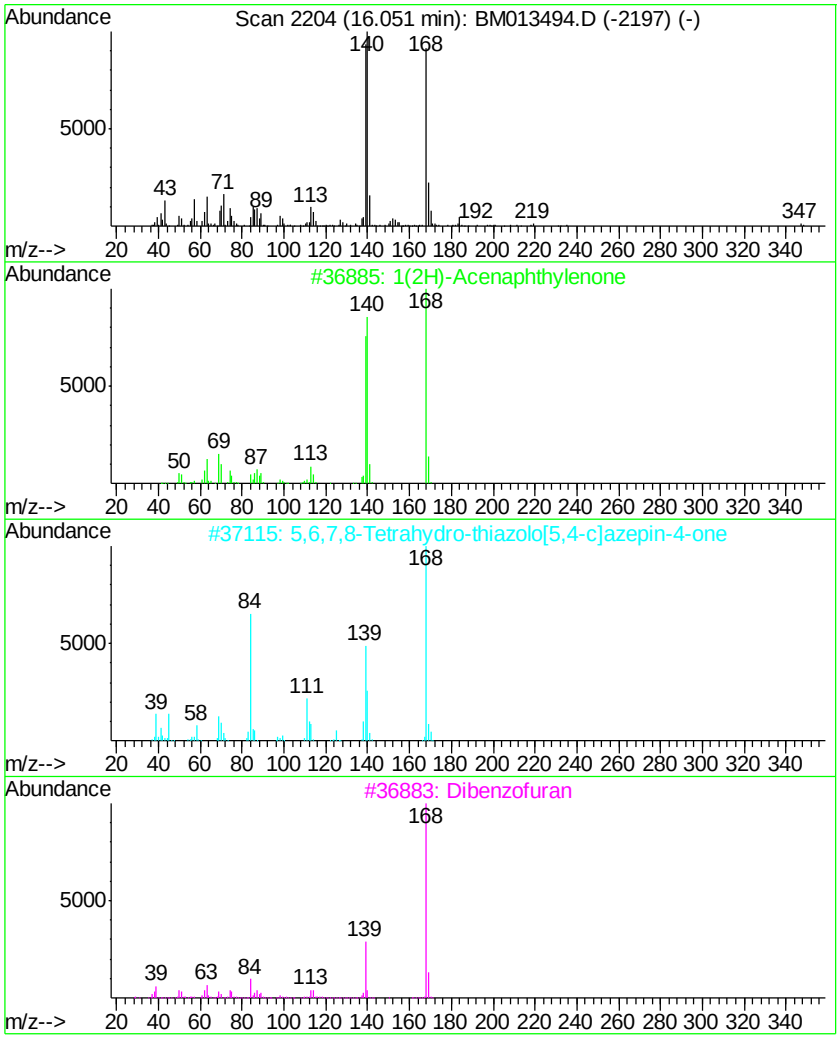
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

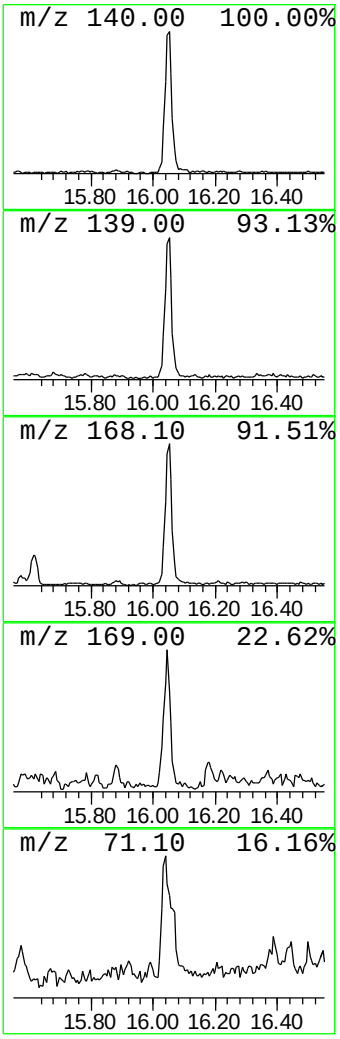
****

Peak Number 4 1(2H)-Acenaphthylenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	6.12 ng/ul	919167	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	91
2	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	53
3	Dibenzofuran	168	C12H8O	000132-64-9	47
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
5	Alanylalanylalanine, N,N',N''-tr...	439	C22H37N3O6	1000329-34-6	43





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Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

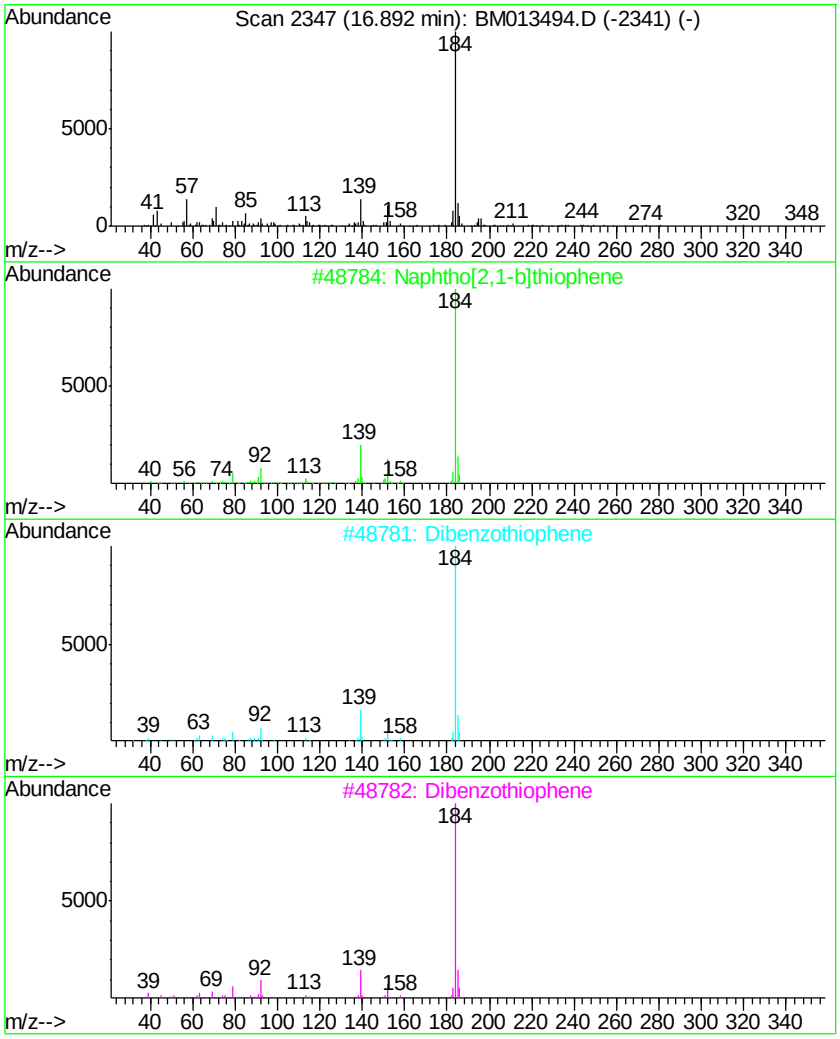
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

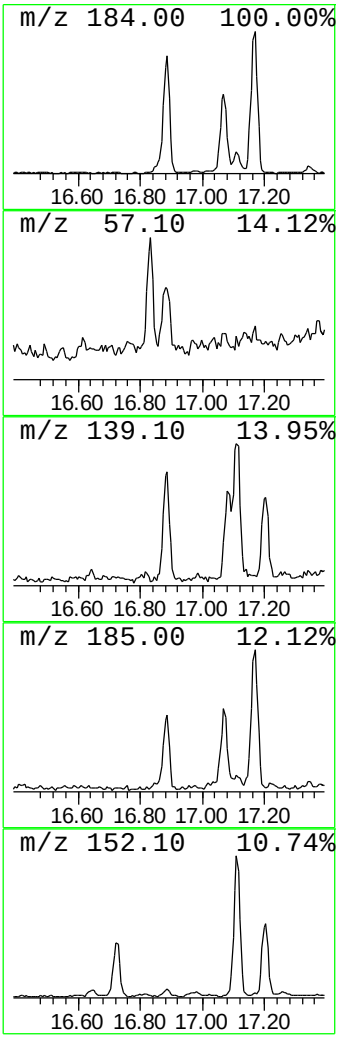
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	5.08 ng/ul	762826	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Misc :
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ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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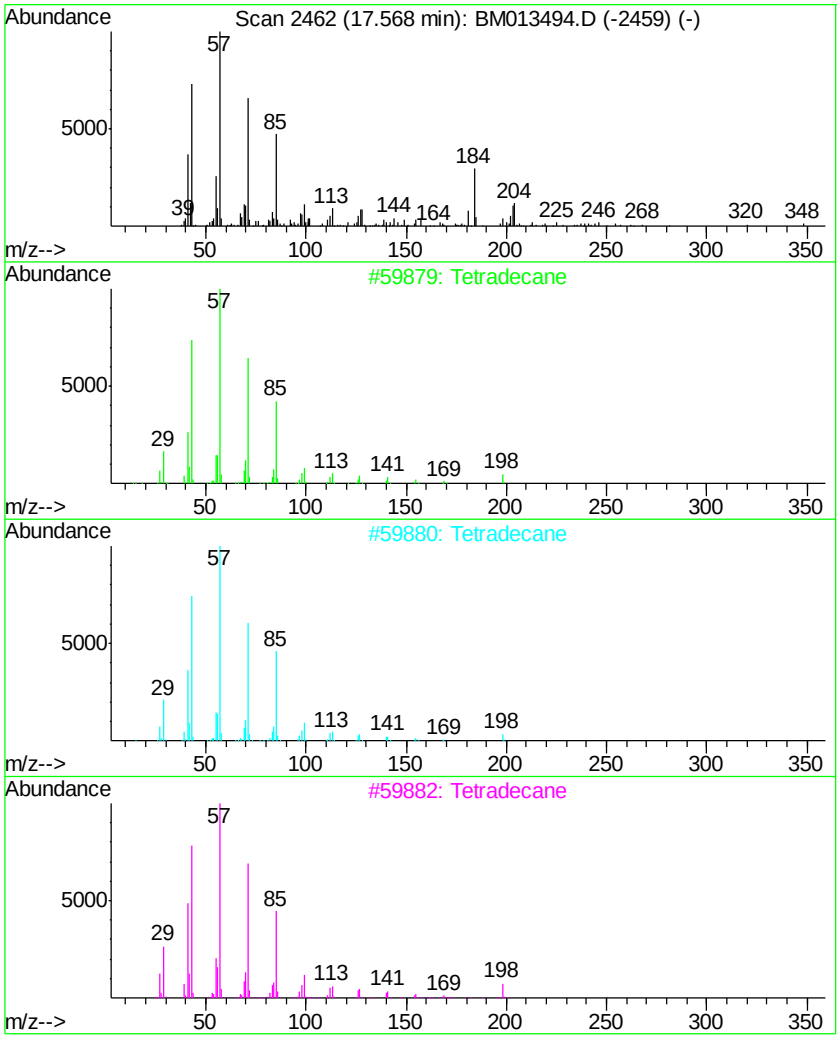
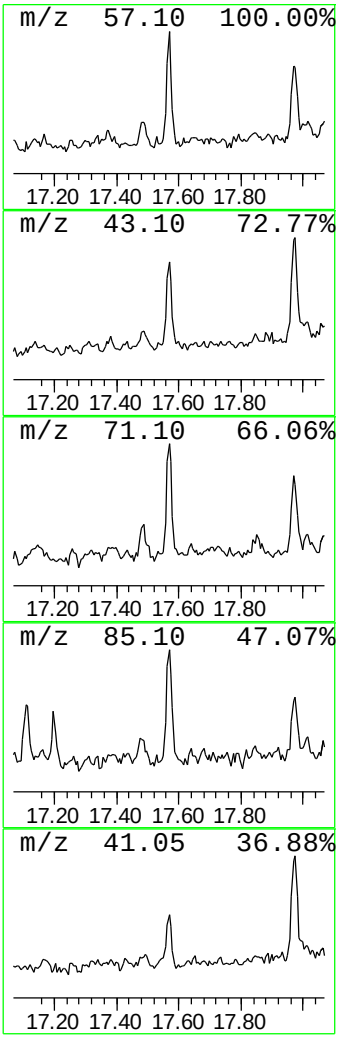
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	3.52 ng/ul	528388	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Tetradecane	198	C14H30	000629-59-4	89
3	Tetradecane	198	C14H30	000629-59-4	76
4	Nonadecane	268	C19H40	000629-92-5	70
5	Pentadecane	212	C15H32	000629-62-9	70





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Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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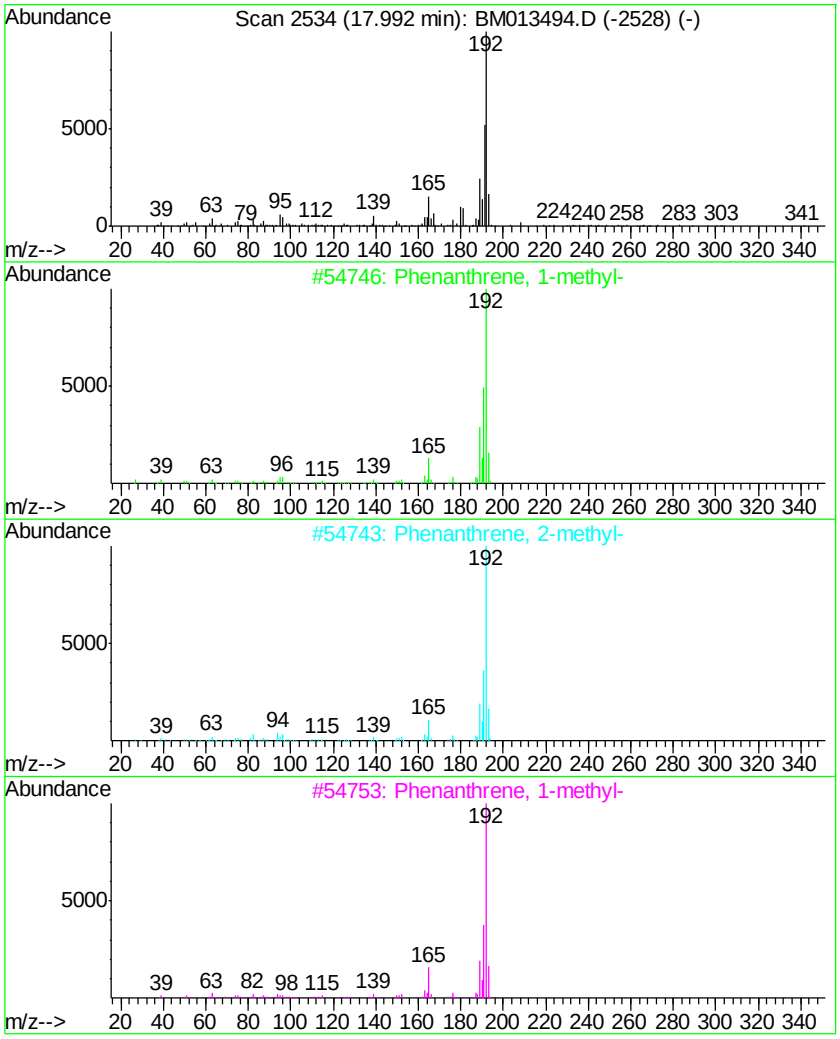
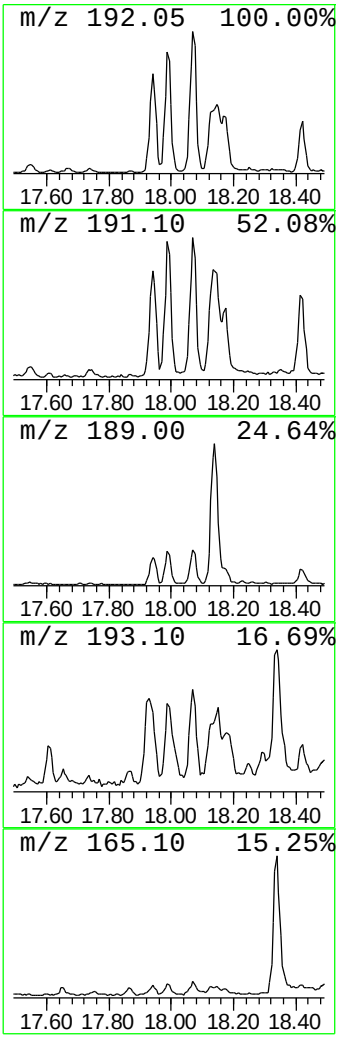
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	9.12 ng/ul	1369460	Phenanthrene-d10	17.07

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	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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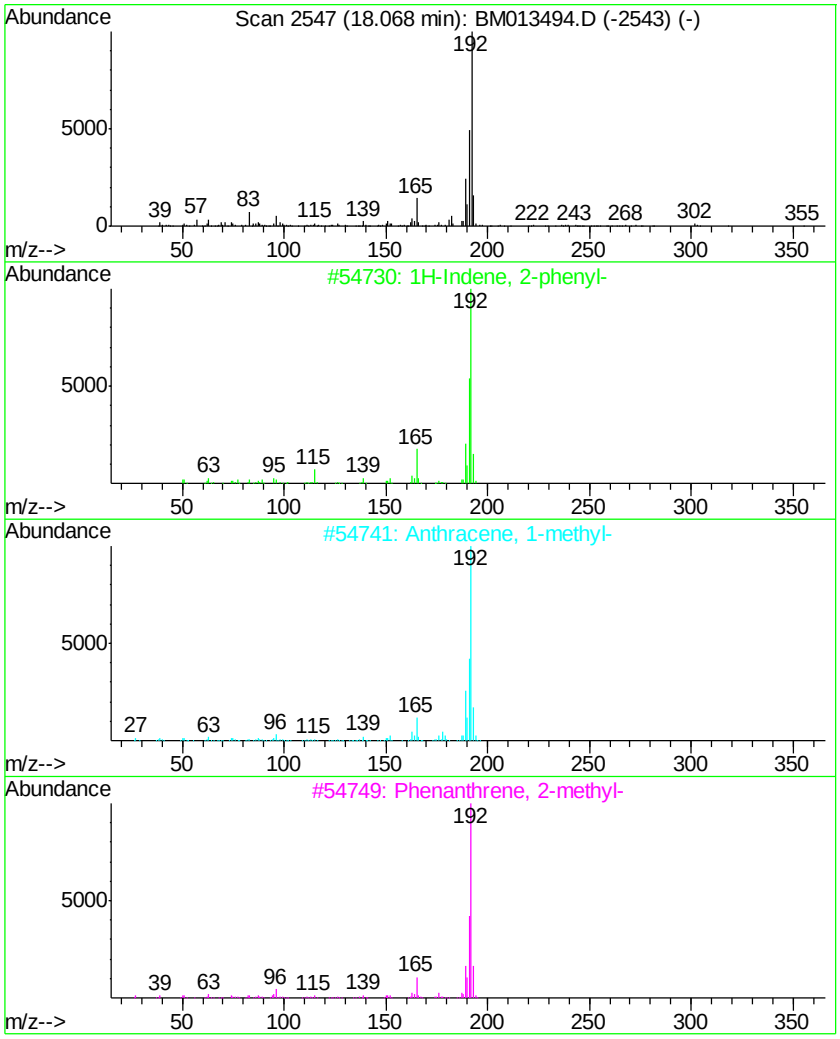
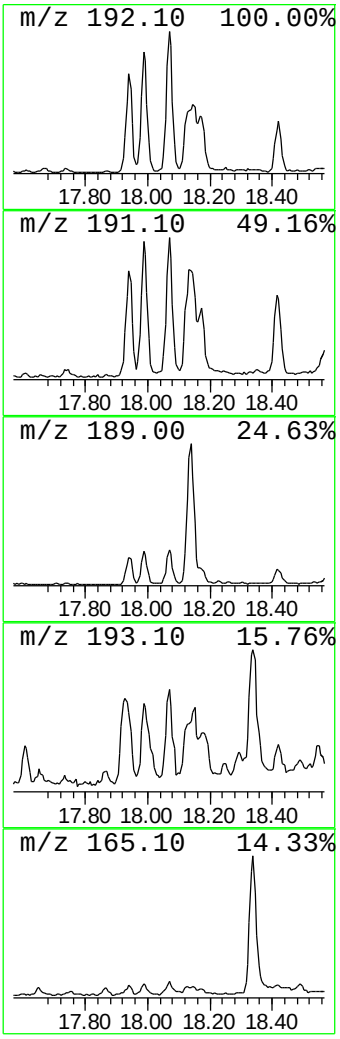
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.84 ng/ul	726509	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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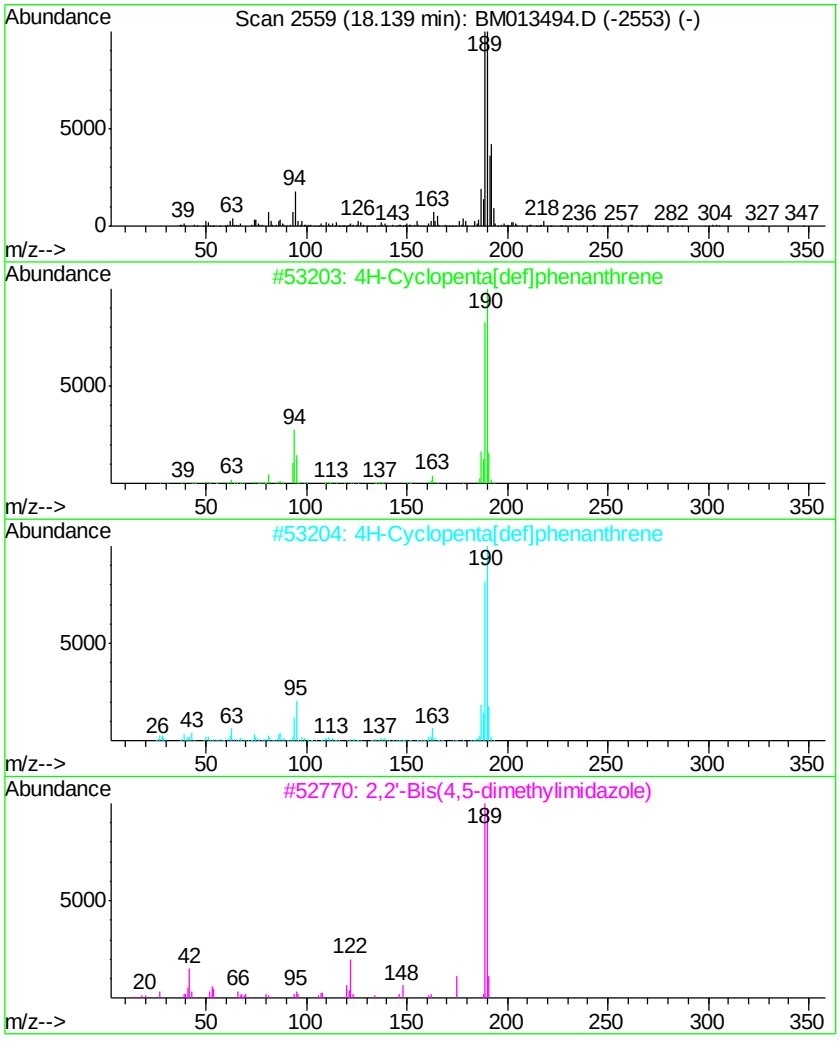
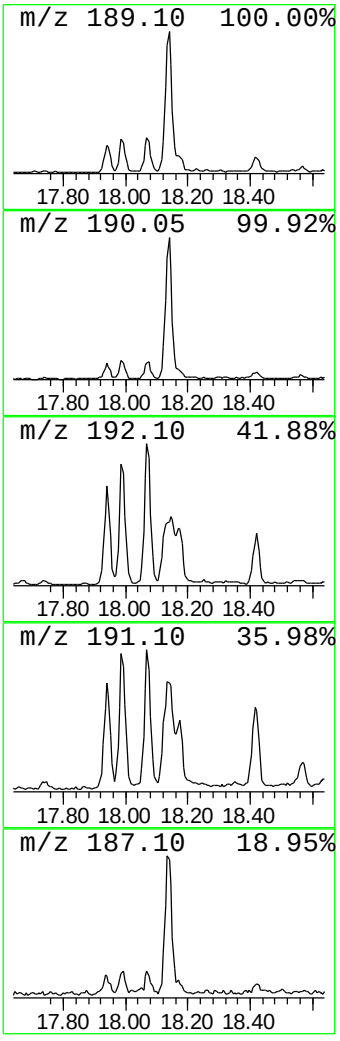
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	10.48 ng/ul	1573090	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Methyl diselenide	190	C2H6Se2	007101-31-7	35





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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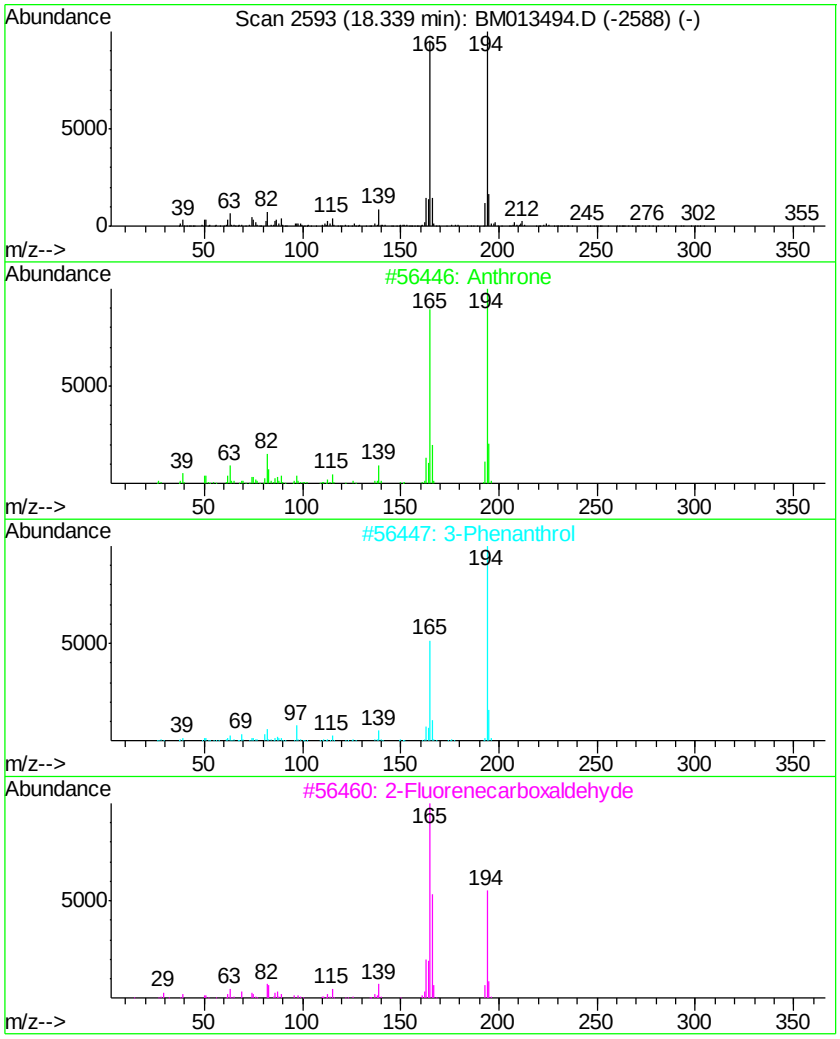
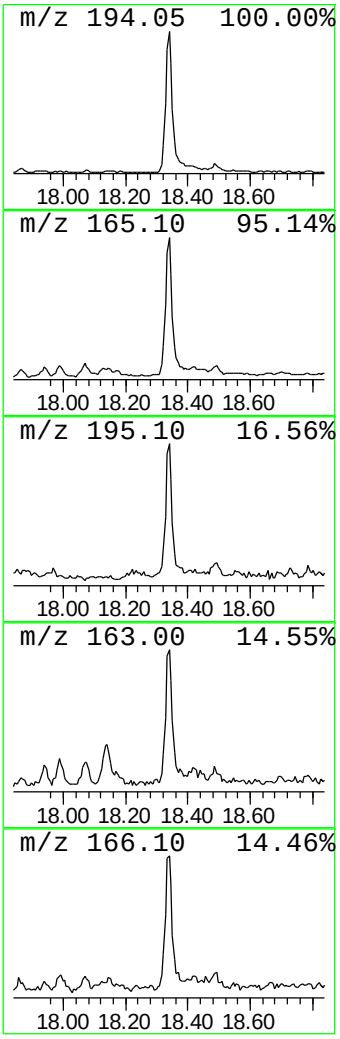
Peak Number 10 Anthrone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	12.20 ng/ul	1831400	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	95
2	3-Phenanthrol	194	C14H10O	000605-87-8	90
3	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	90
4	Anthrone	194	C14H10O	000090-44-8	90
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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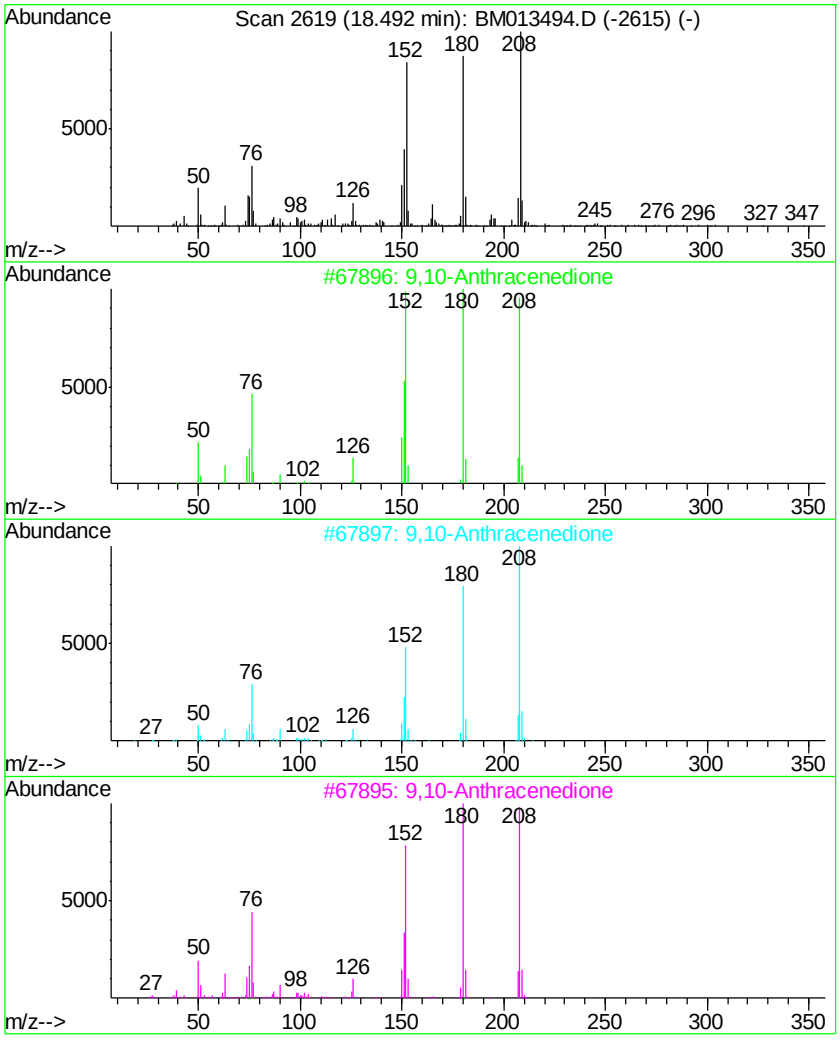
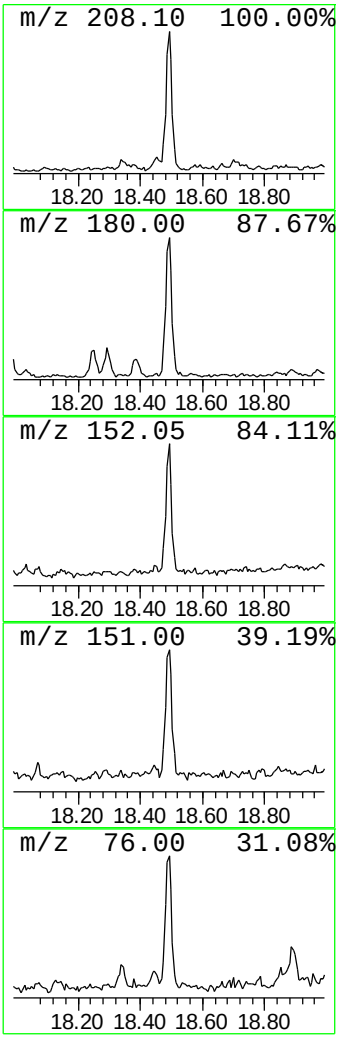
Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	6.19 ng/ul	928829	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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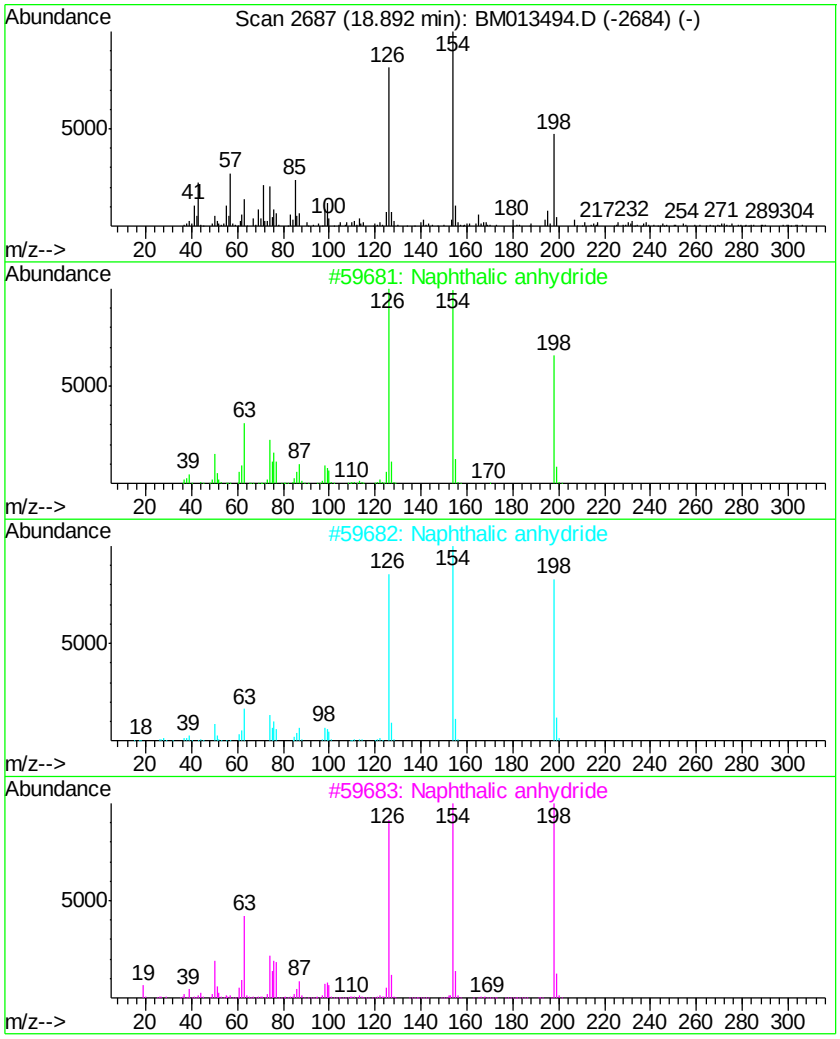
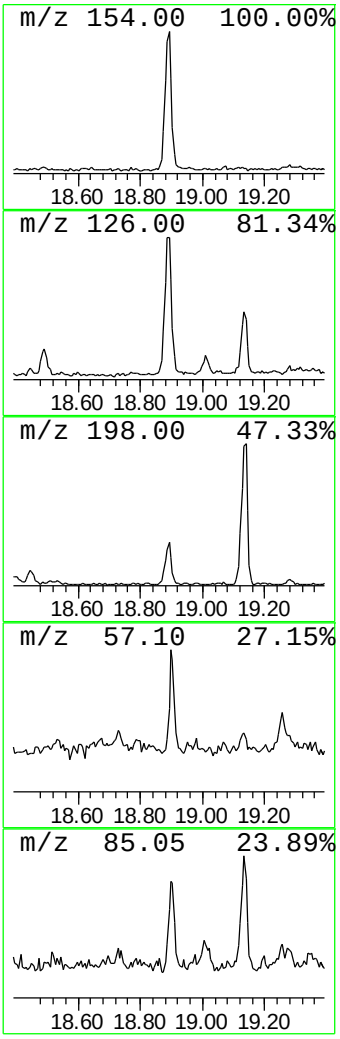
Peak Number 12 Naphthalic anhydride Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.62 ng/ul	543010	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	91
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	60
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	59
4	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	53
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	46





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Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

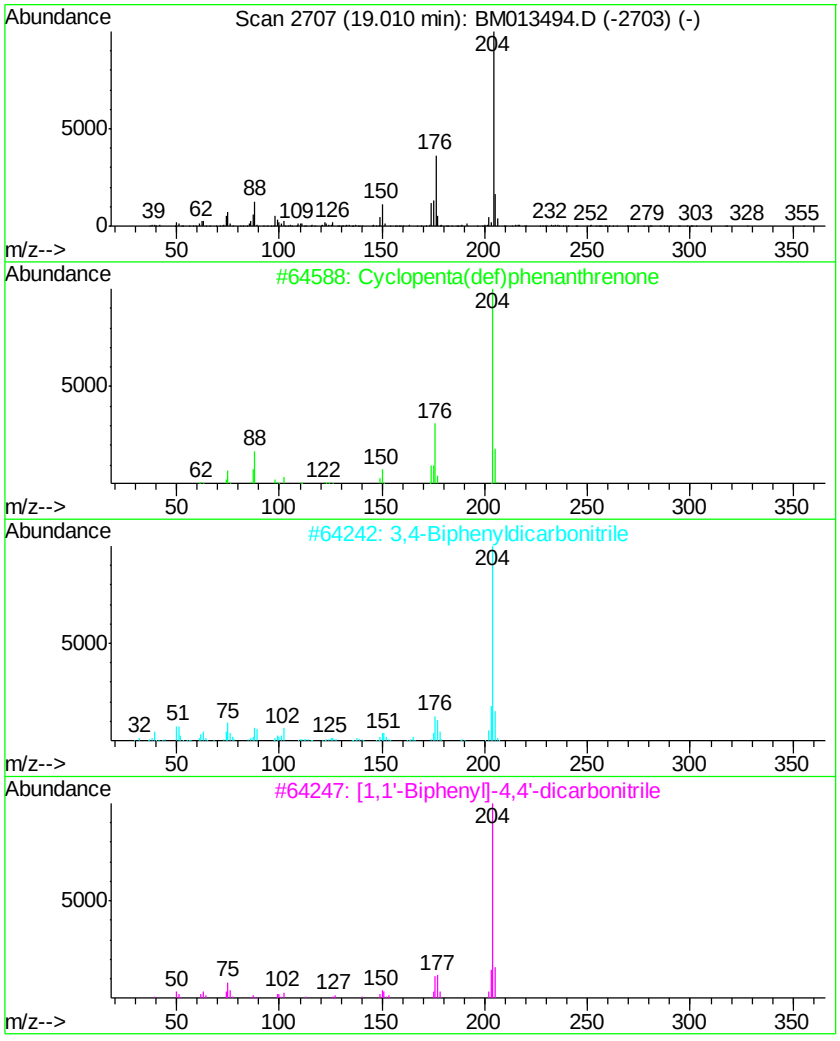
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

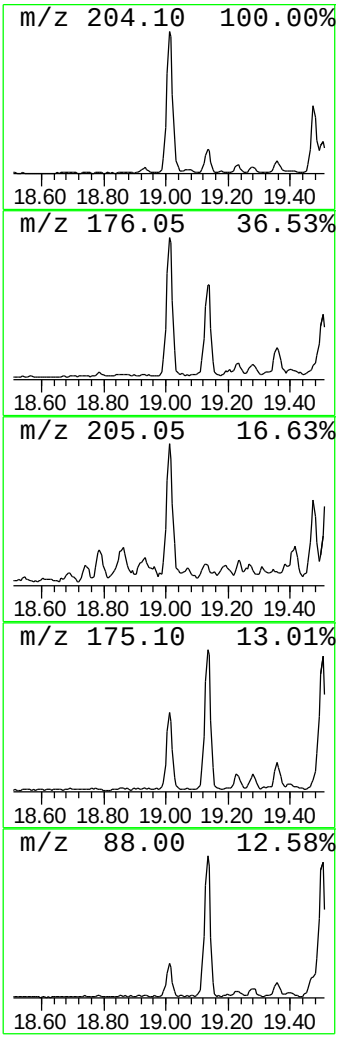
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	11.60 ng/ul	1742010	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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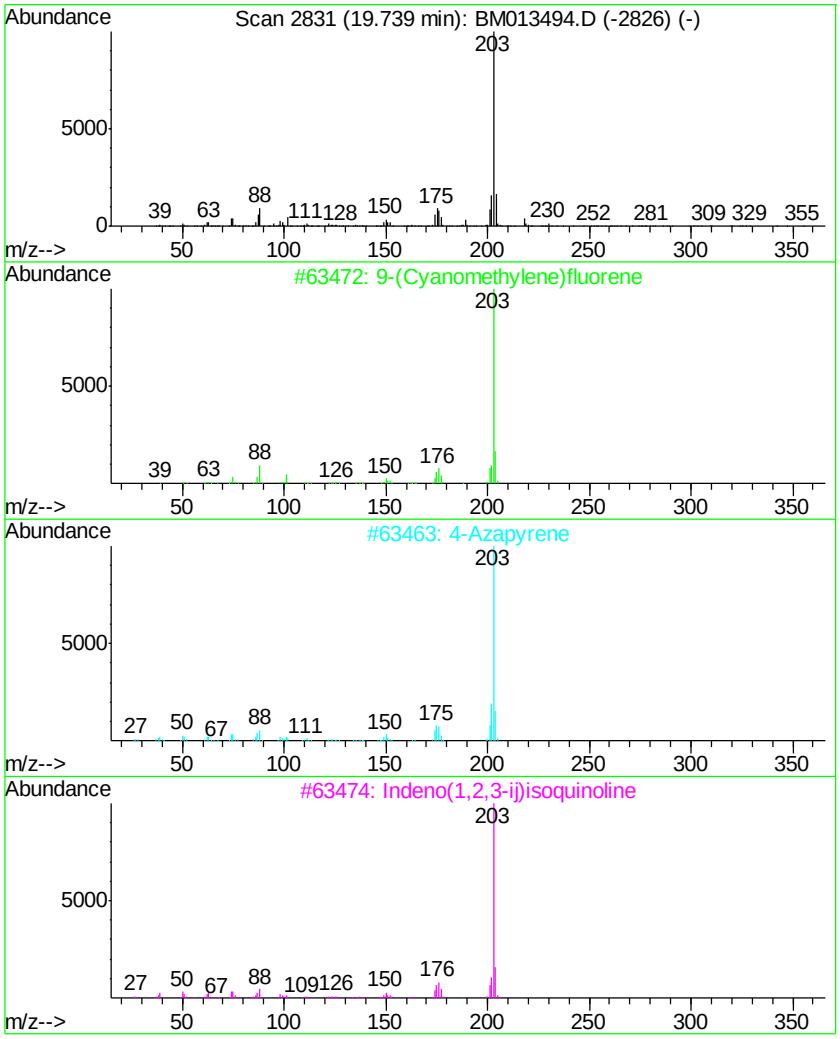
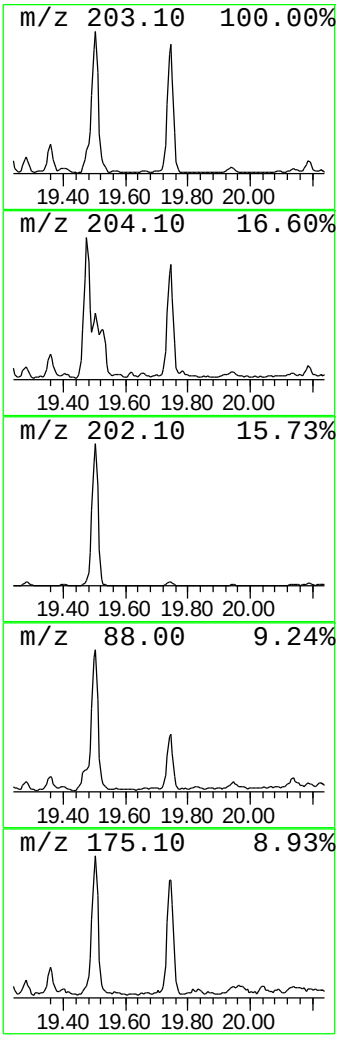
Peak Number 14 9-(Cyanomethylene)fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	4.18 ng/ul	3782190	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
2	4-Azapyrene	203	C15H9N	000194-03-6	96
3	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	94
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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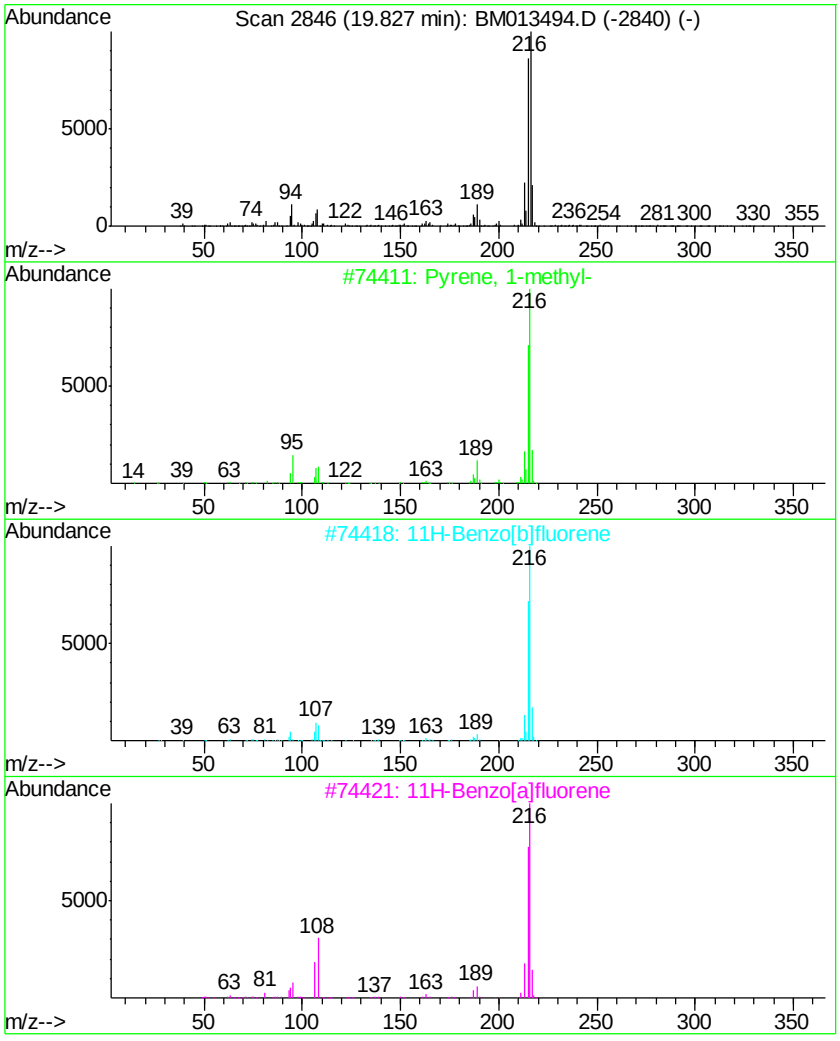
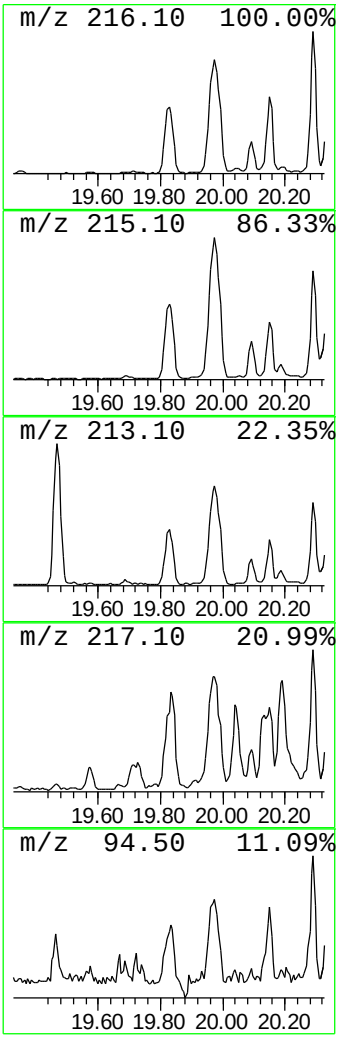
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	3.80 ng/ul	3430720	Chrysene-d12	21.27

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	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

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Quant Title : SVOA CALIBRATION

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

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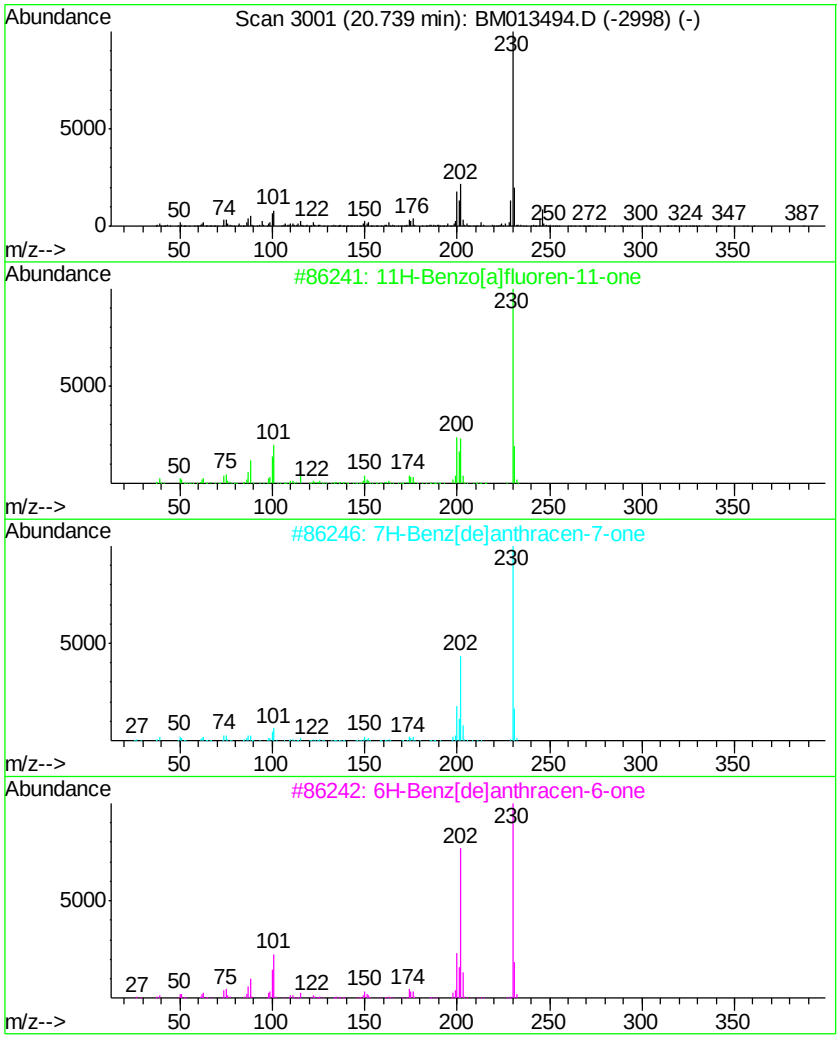
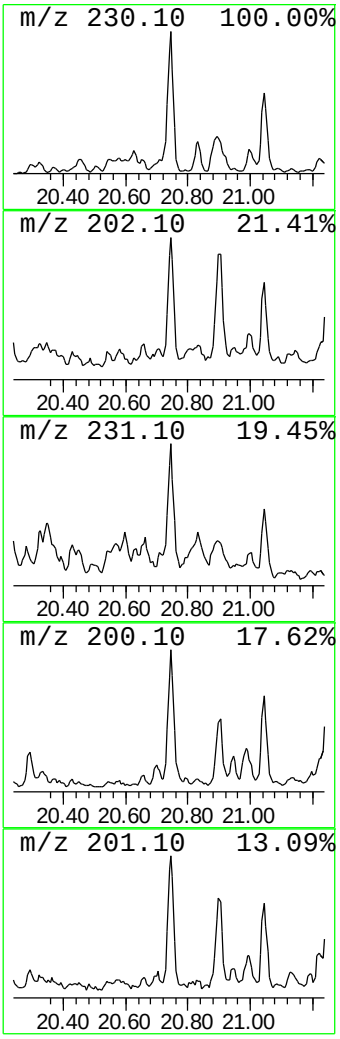
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.92 ng/ul	2642960	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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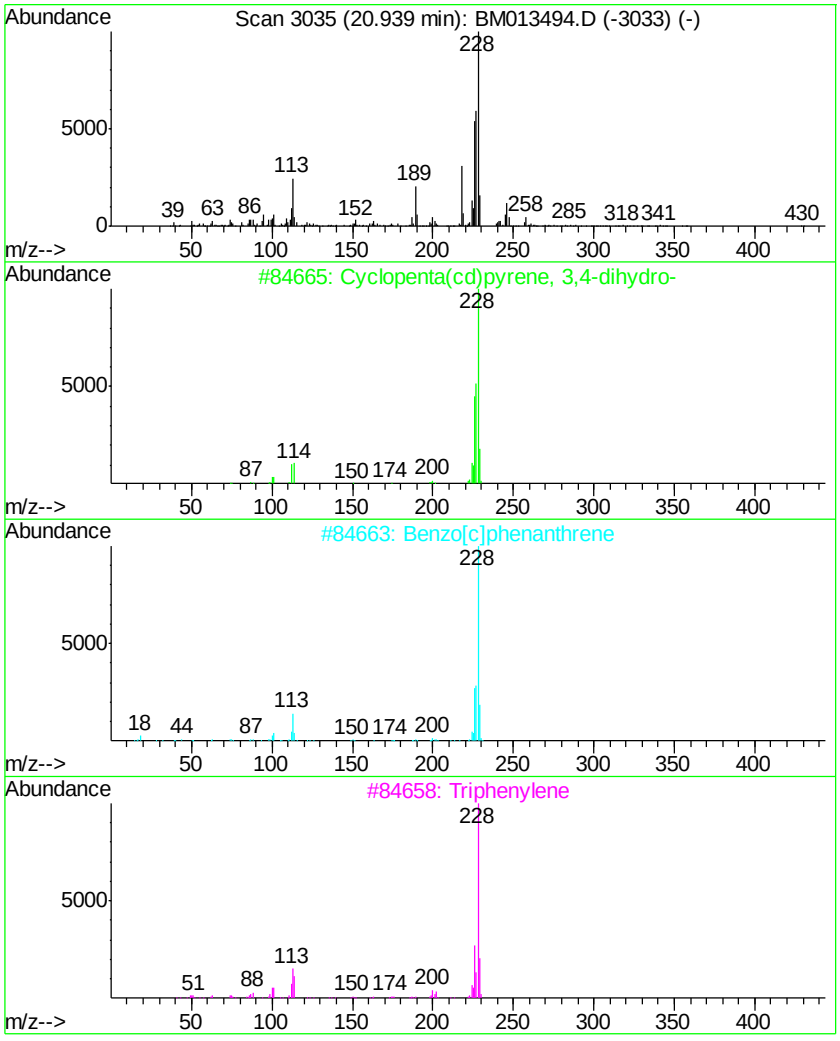
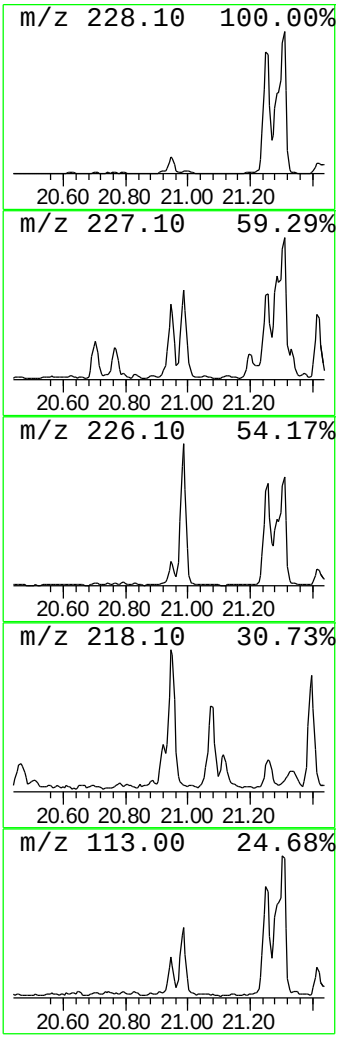
Peak Number 20 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.71 ng/ul	2451130	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	45
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
3	Triphenylene	228	C18H12	000217-59-4	42
4	Triphenylene	228	C18H12	000217-59-4	41
5	Triphenylene	228	C18H12	000217-59-4	38





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Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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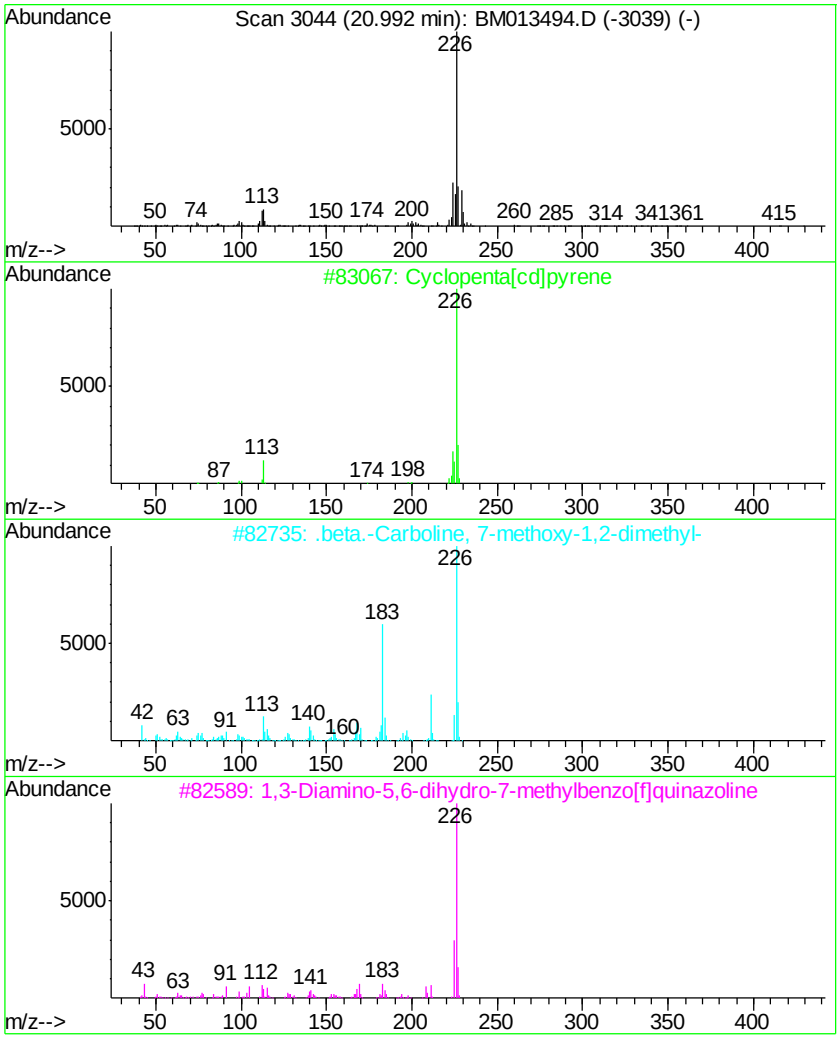
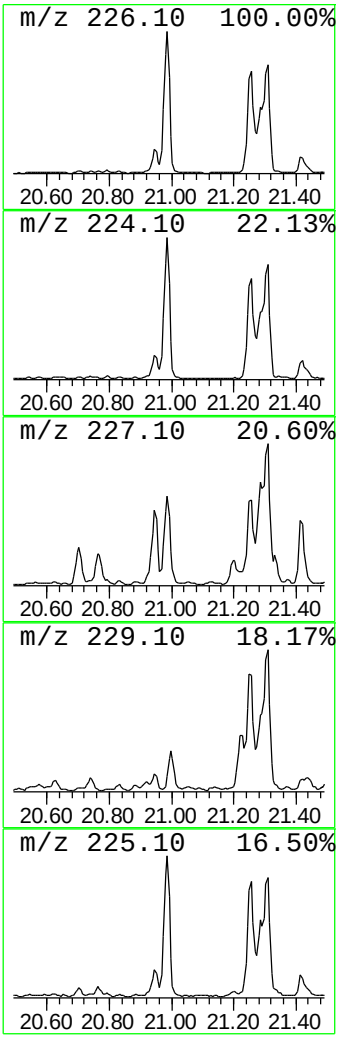
Peak Number 21 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	6.63 ng/ul	5996990	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	68
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
4	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	42





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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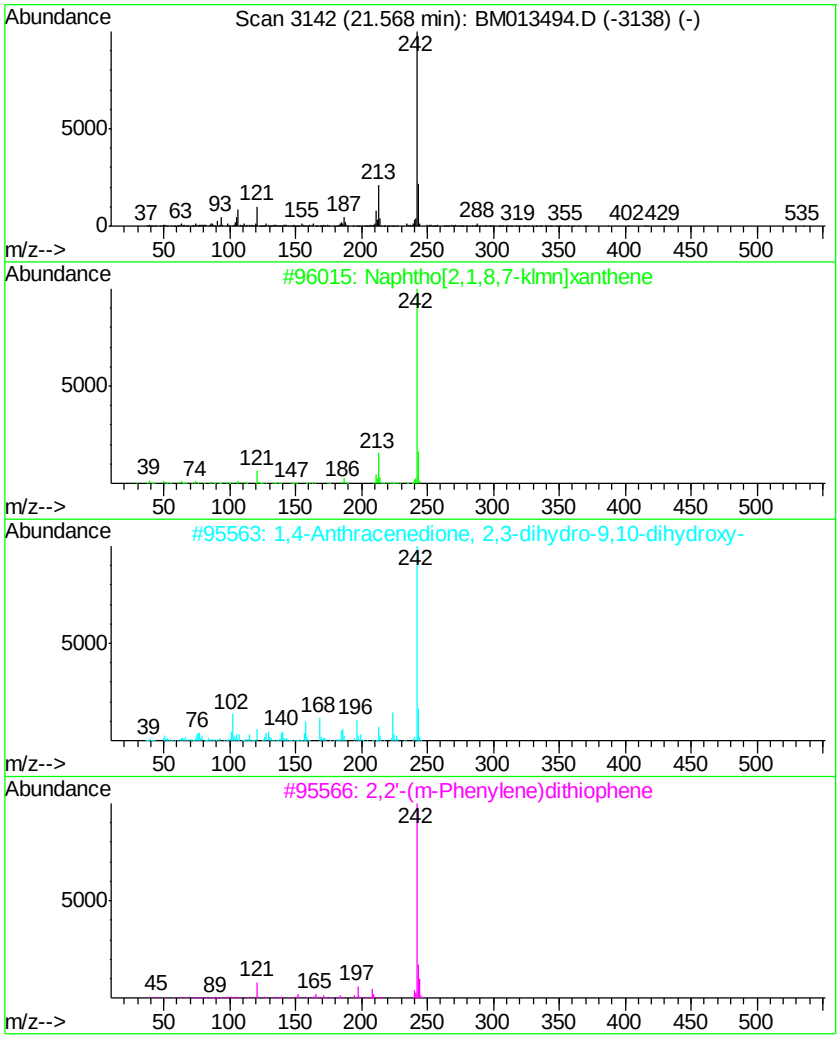
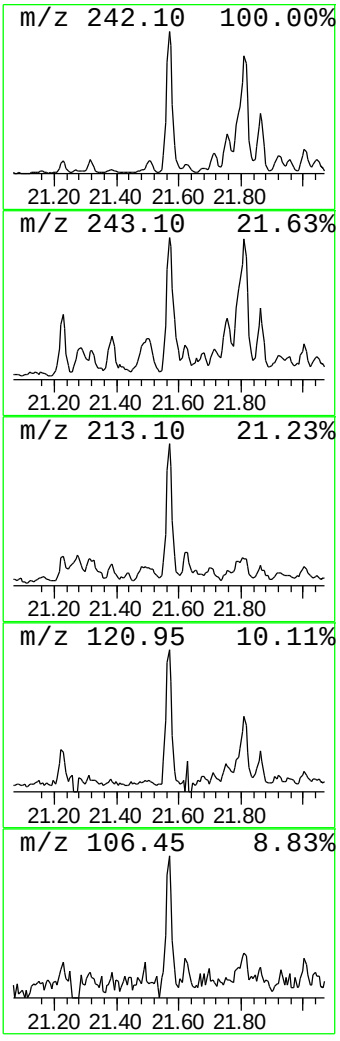
Peak Number 22 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	3.52 ng/ul	3180660	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	94
2	1,4-Anthracenedione, 2,3-dihydro...	242	C14H10O4	017648-03-2	64
3	2,2'-(m-Phenylene)dithiophene	242	C14H10S2	104500-00-7	59
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	59
5	[4-(4-Methoxymethylbenzyl)phenyl...	242	C16H18O2	1000202-05-8	58





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Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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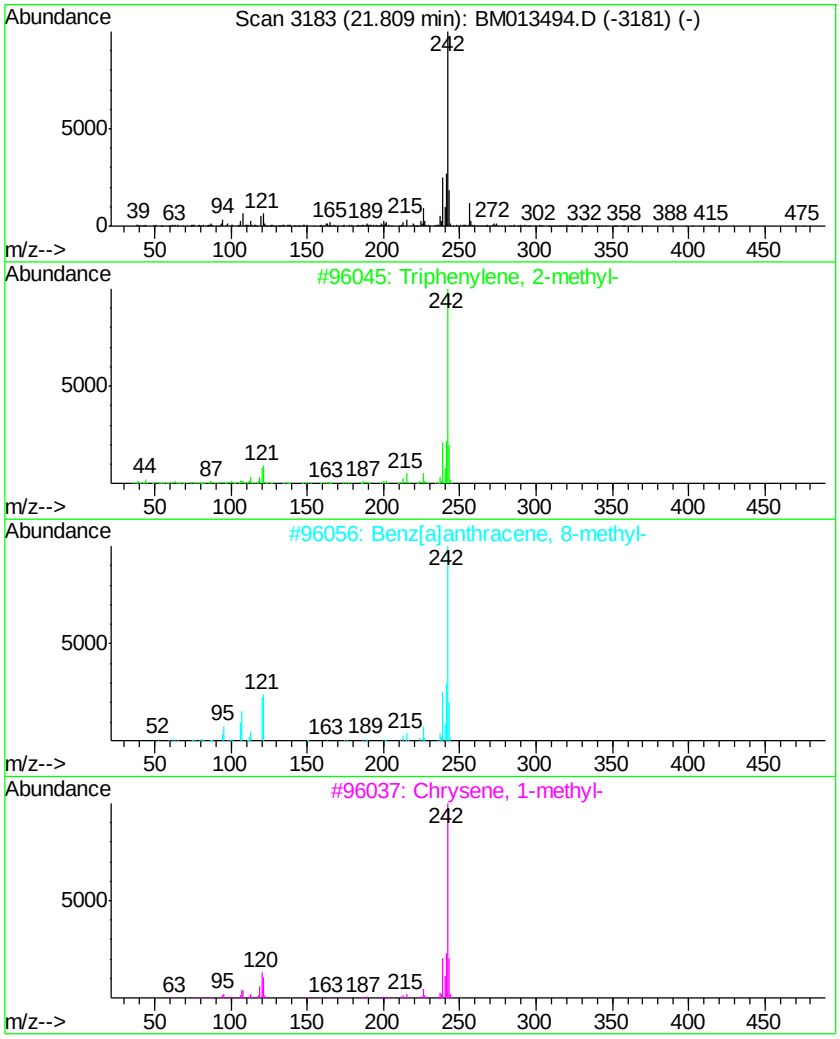
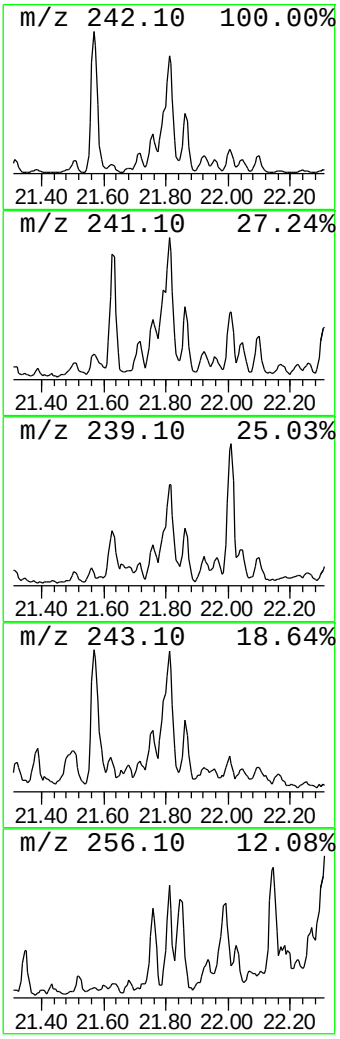
Peak Number 23 Triphenylene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.92 ng/ul	2642010	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	76
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
4	2-Methylchrysene	242	C19H14	003351-32-4	76
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	68





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Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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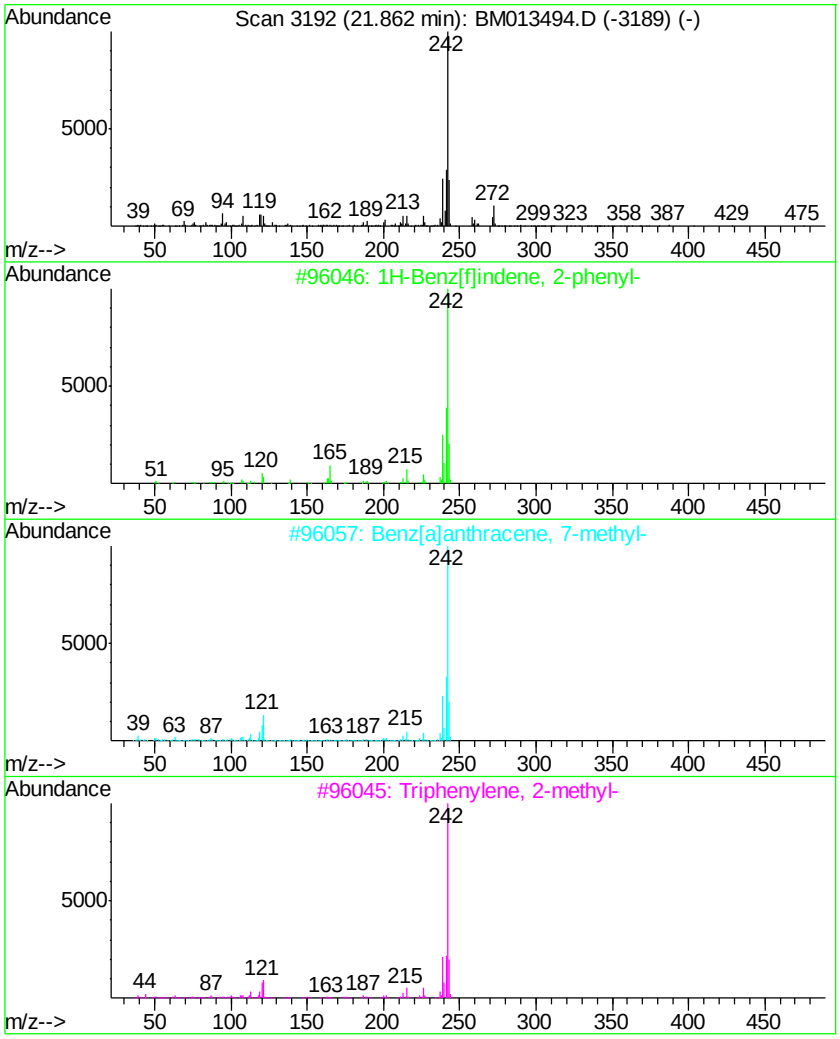
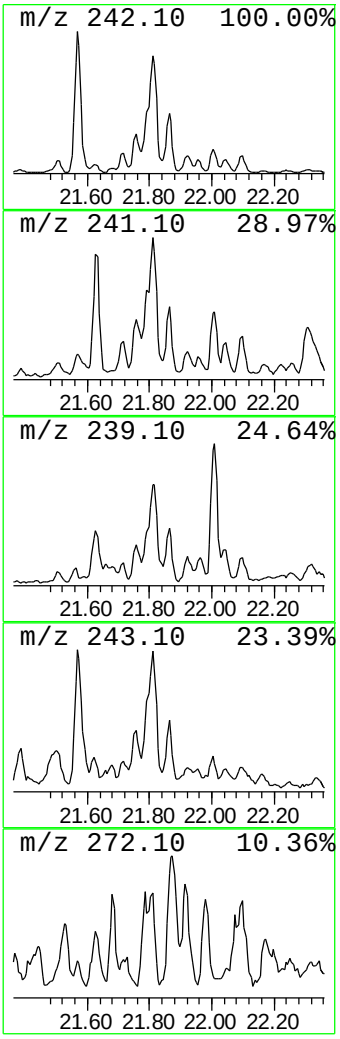
Peak Number 24 1H-Benz[f]indene, 2-phenyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.40 ng/ul	2170400	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76
5	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	64





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Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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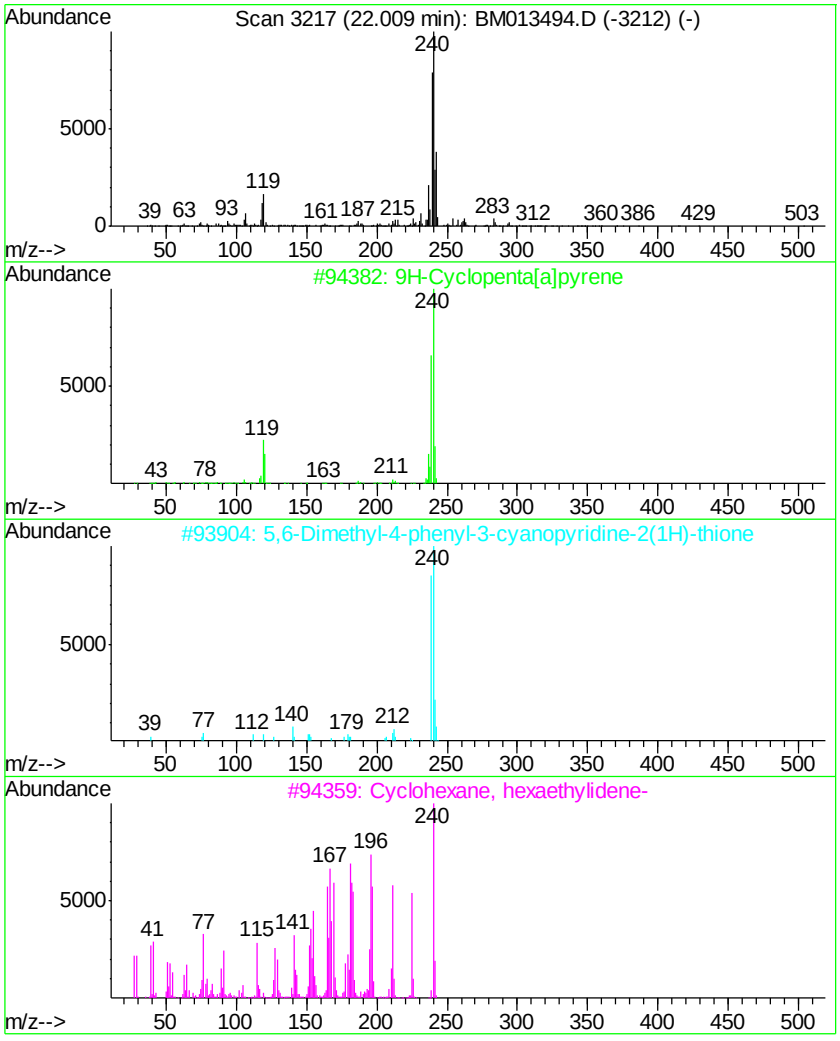
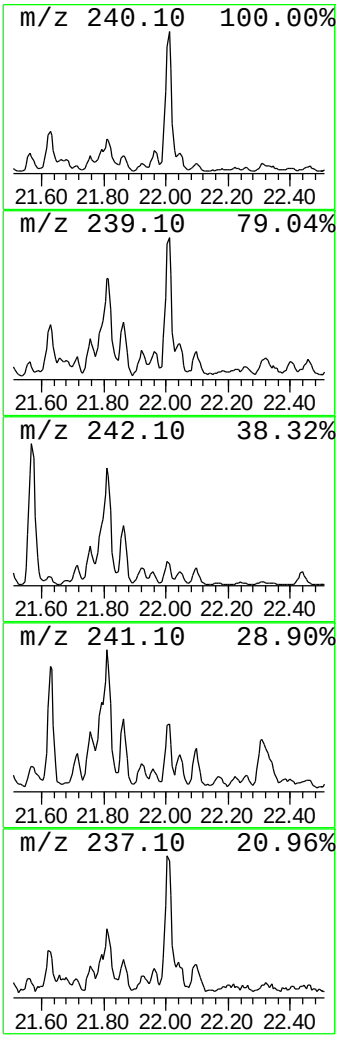
Peak Number 25 9H-Cyclopenta[a]pyrene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	2.07 ng/ul	1872970	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	95
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	40
3	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	38
4	Carbamic acid, N-[1-(4-chlorophe...	240	C11H13ClN2O2	025445-82-3	27
5	3-Pyridinemethanamine, N-[[4-(di...	239	C15H17N3	1000350-96-8	27





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Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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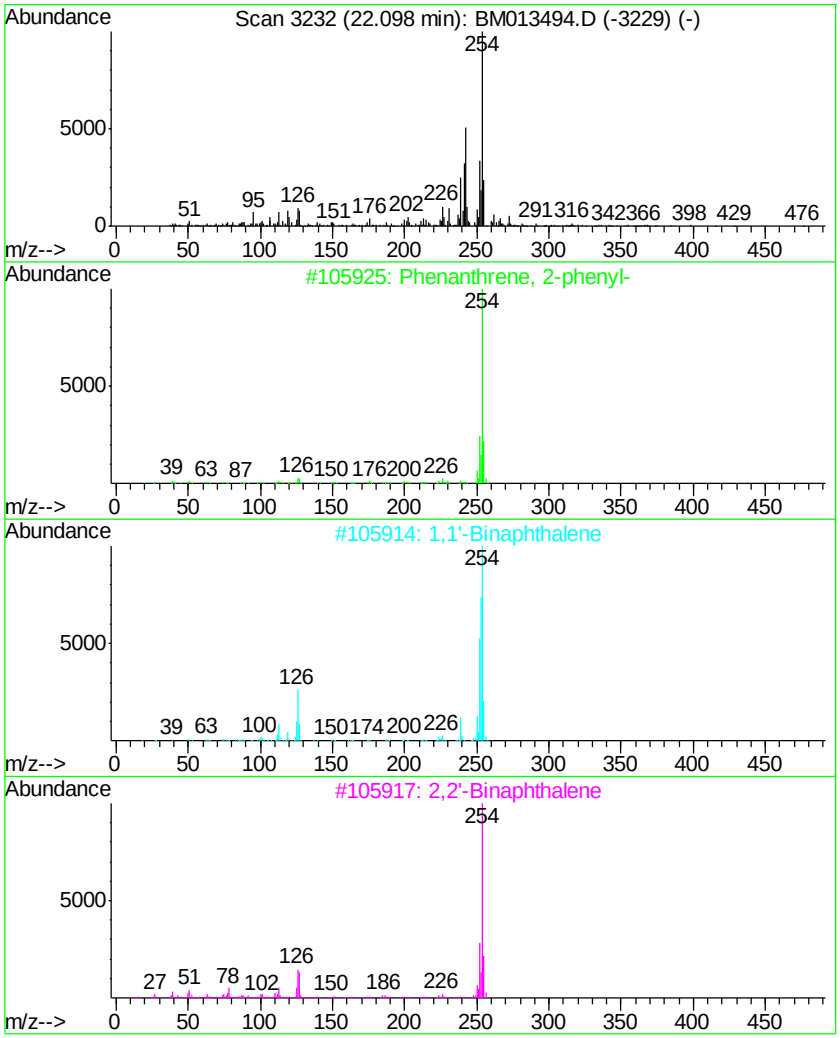
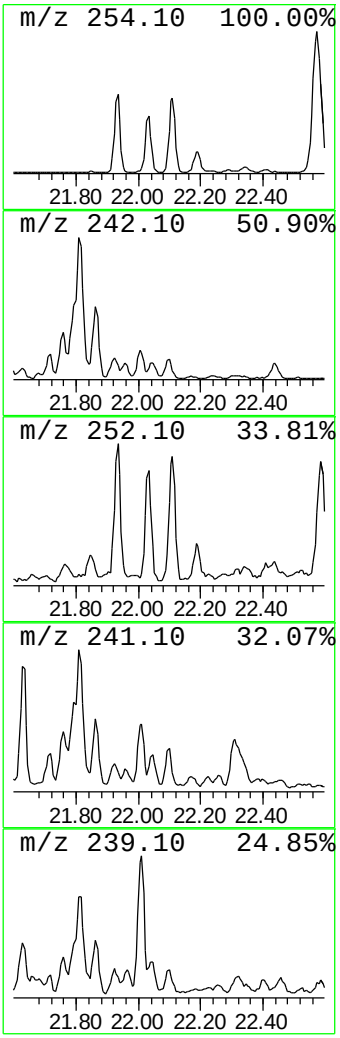
Peak Number 26 Phenanthrene, 2-phenyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	2.07 ng/ul	1869400	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	64
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	53
3	2,2'-Binaphthalene	254	C20H14	000612-78-2	52
4	6-Methyl-1-pyridin-2-ylmethylene...	254	C14H10N2O3	1000274-64-8	50
5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	49





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Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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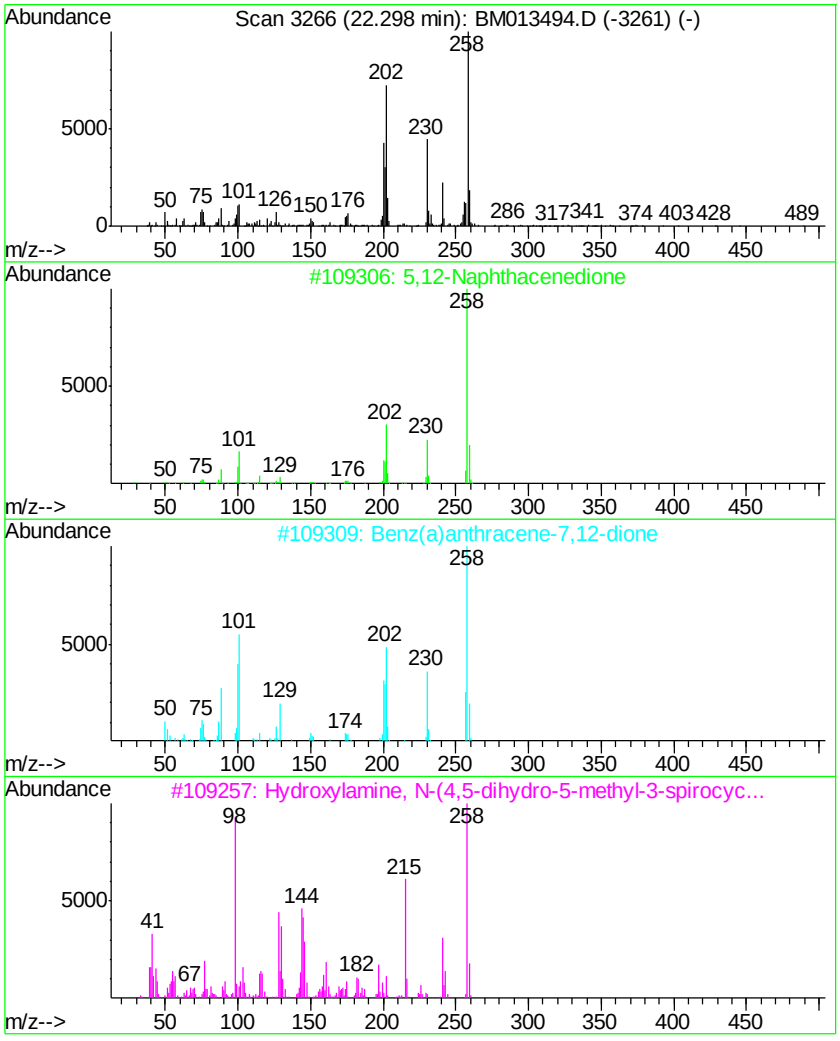
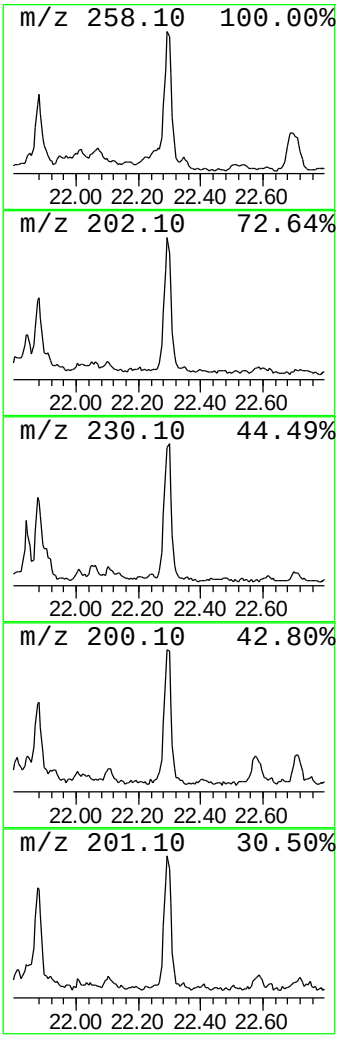
Peak Number 27 5,12-Naphthacenedione Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.02 ng/ul	1830270	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	90
3	Hydroxylamine, N-(4,5-dihydro-5-...	258	C16H22N2O	1000274-03-9	86
4	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	86
5	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	68





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Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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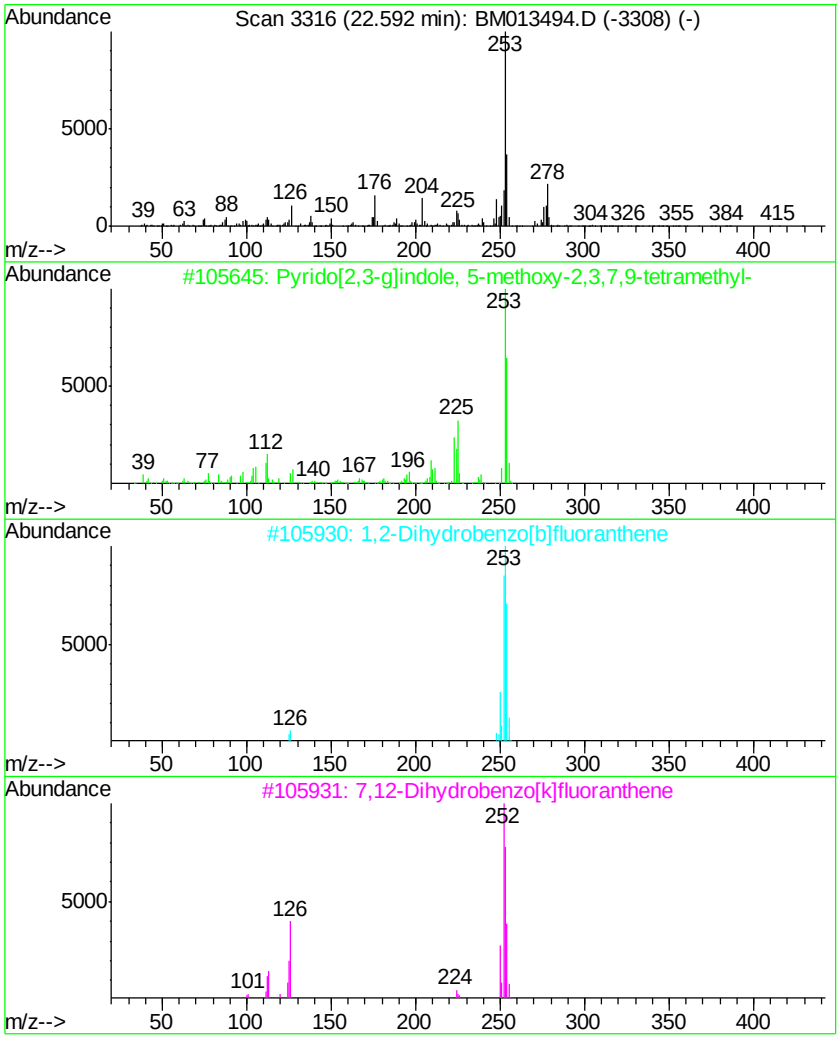
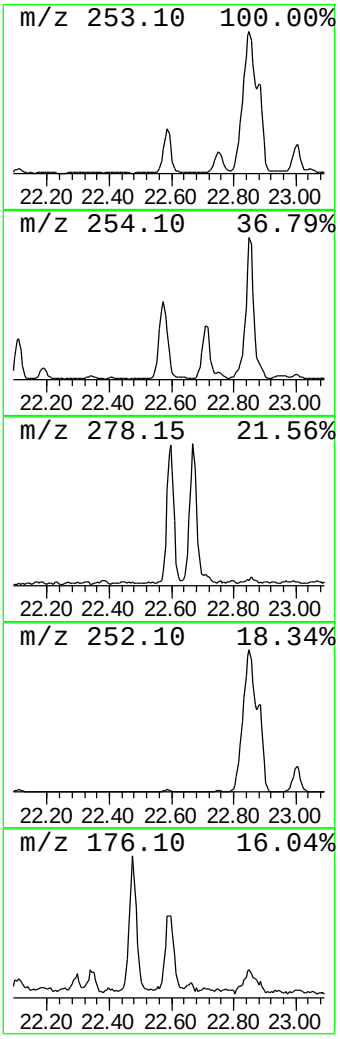
Peak Number 28 Pyrido[2,3-g]indole, 5-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	61.47 ng/ul	4890780	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	74
2	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	64
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	59
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	55





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Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

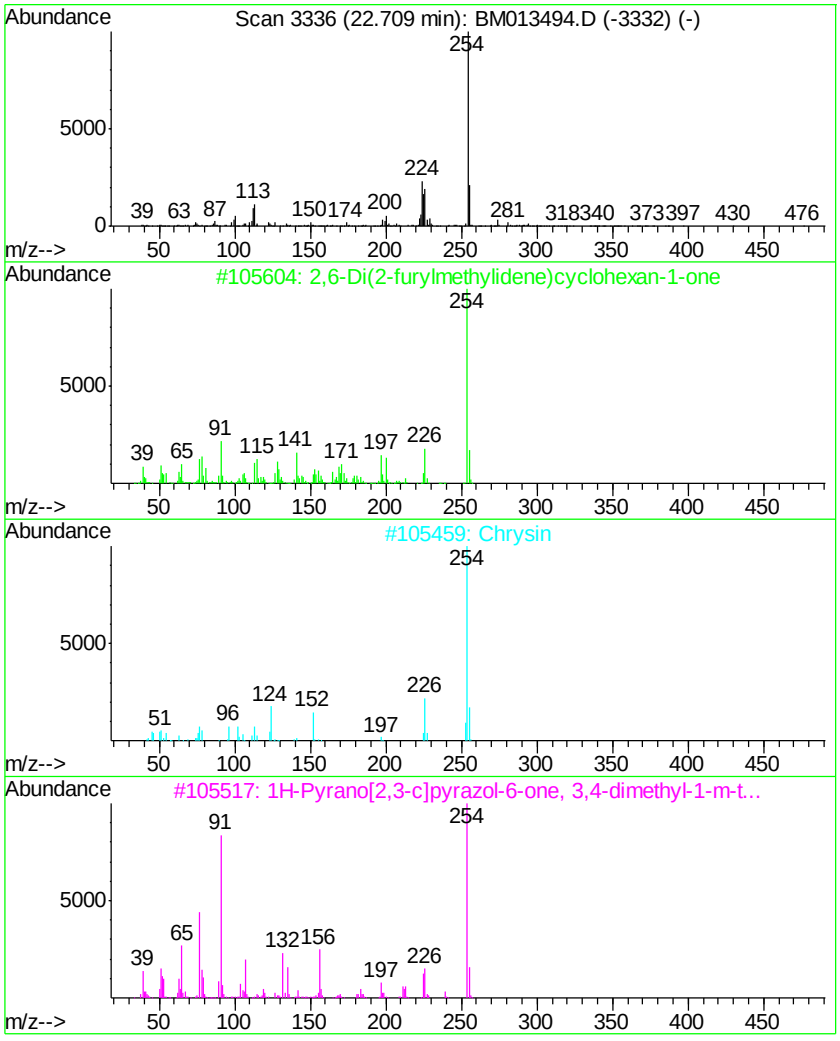
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

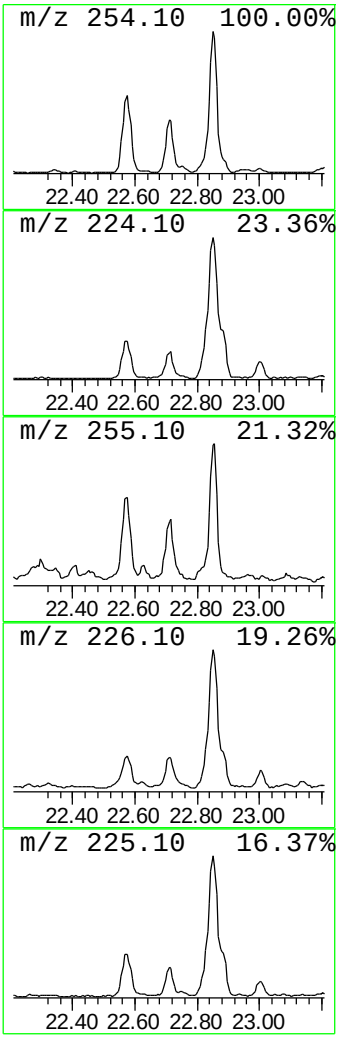
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2,6-Di(2-furylmethylidene)c... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	16.15 ng/ul	1284840	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53
2	Chrysin	254	C15H10O4	000480-40-0	53
3	1H-Pyrano[2,3-c]pyrazol-6-one, 3...	254	C15H14N2O2	1000316-21-1	53
4	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	52
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	50





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Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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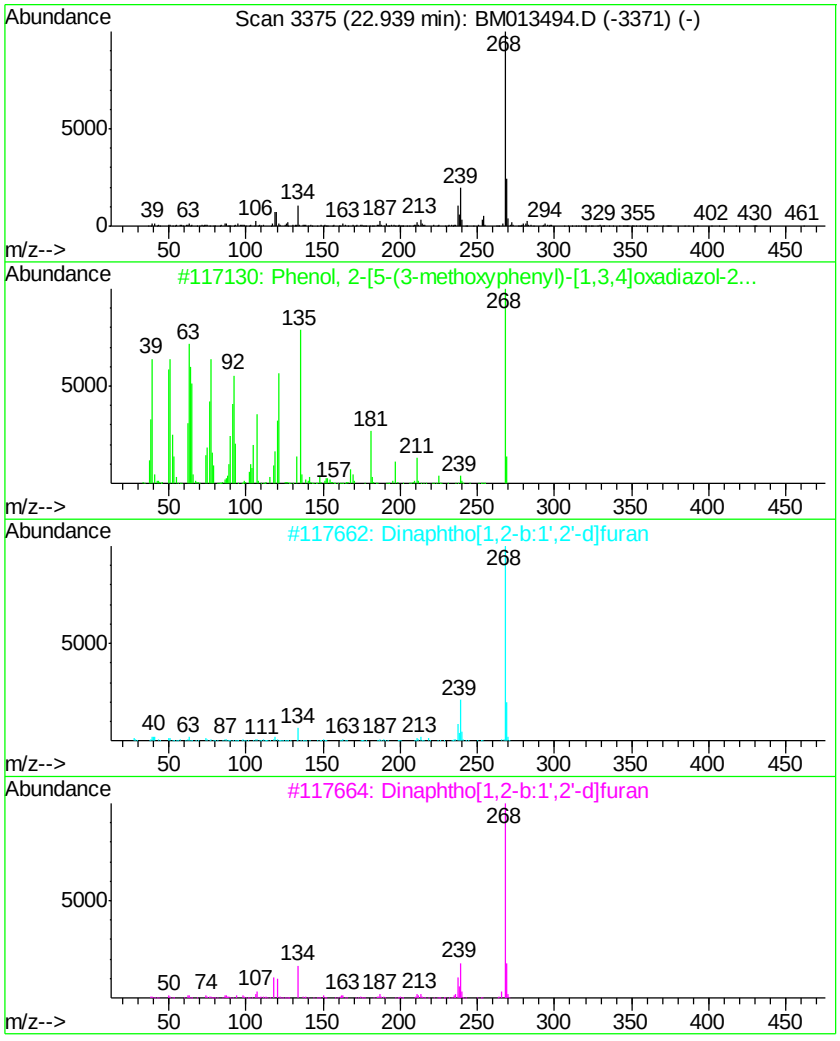
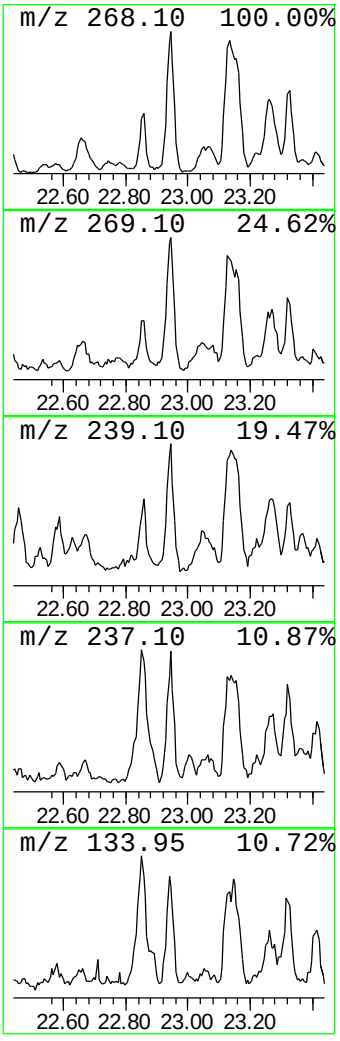
Peak Number 30 Phenol, 2-[5-(3-methoxyphen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	17.87 ng/ul	1421790	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-[5-(3-methoxyphenyl)-[...	268	C15H12N2O3	1000303-05-4	90
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	81
5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	80





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Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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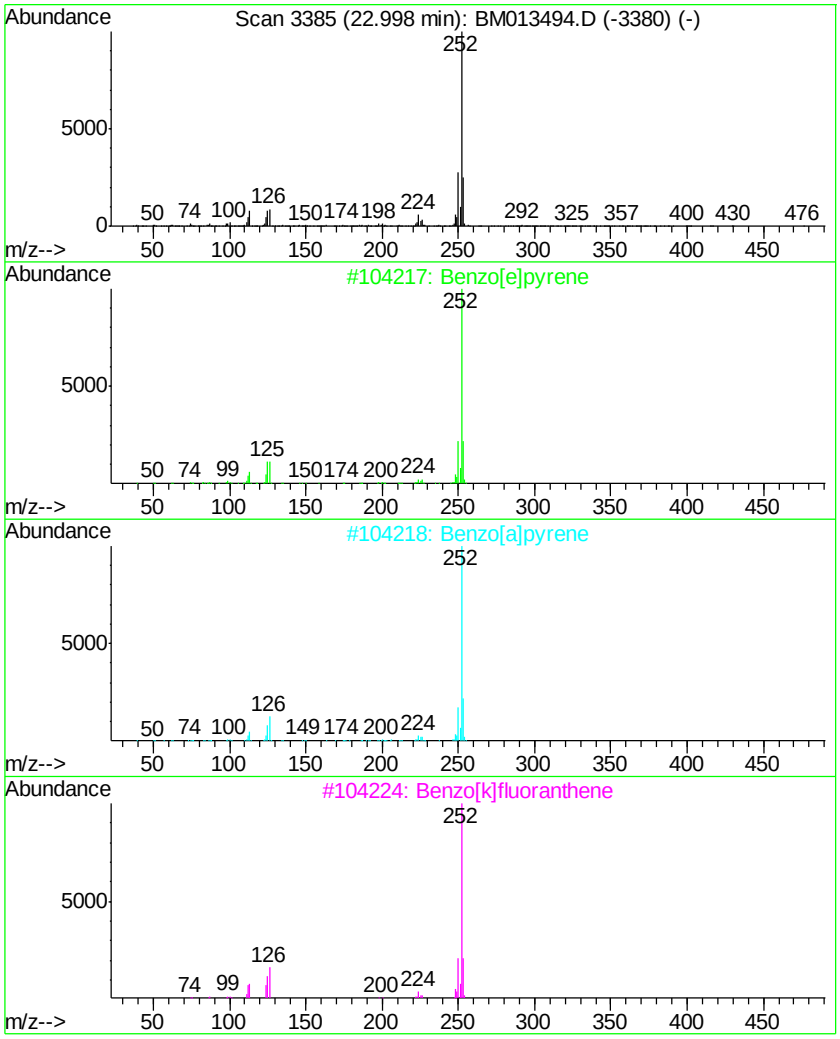
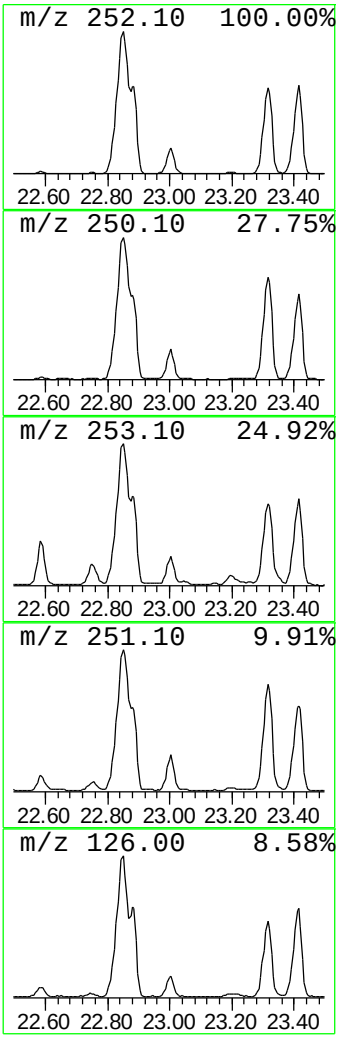
Peak Number 31 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	52.75 ng/ul	4197290	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	74





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Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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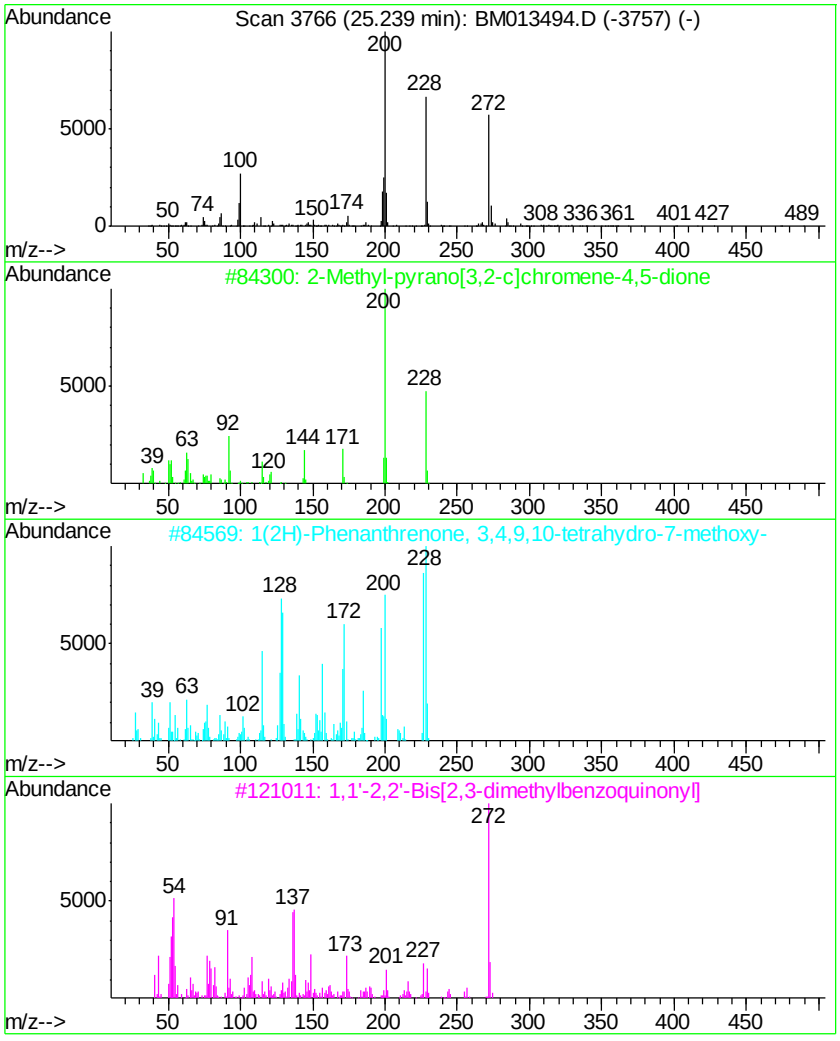
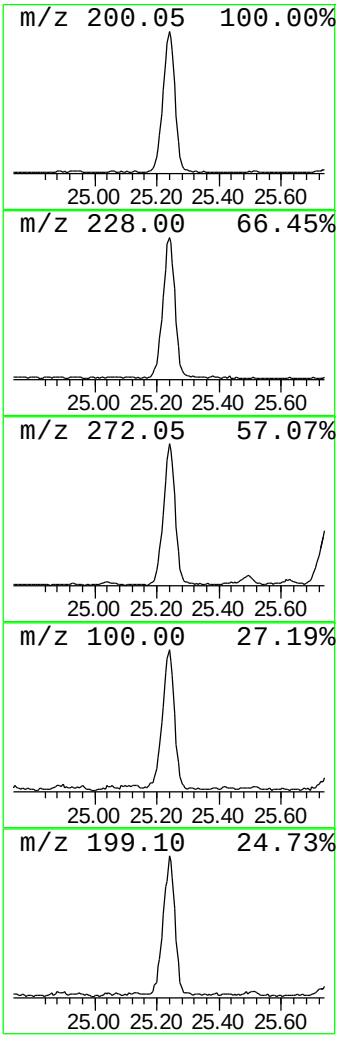
Peak Number 35 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	65.88 ng/ul	5242020	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-pyrano[3,2-c]chromene-4...	228	C13H8O4	1000301-16-7	47
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	25
3	1,1'-2,2'-Bis[2,3-dimethylbenzoq...	272	C16H16O4	098108-02-2	15
4	Ethyl 3-phenoxybenzyl carbonate	272	C16H16O4	1000373-80-2	14
5	9-(Dicyanomethylene)fluorene	228	C16H8N2	001989-32-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013494.D
Acq On : 18 Dec 2017 12:25
Operator : SJ/JU
Sample : I6775-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A50ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indene	8.20	11.3	ng/ul	715455	1	7.67	1270790	20.0
Benzophenone	15.68	16.1	ng/ul	2271240	3	14.32	2821280	20.0
Dibenzofuran, 4-m...	15.81	3.2	ng/ul	480099	4	17.07	3002590	20.0
1(2H)-Acenaphthyl...	16.05	6.1	ng/ul	919167	4	17.07	3002590	20.0
Naphtho[2,1-b]thi...	16.89	5.1	ng/ul	762826	4	17.07	3002590	20.0
(DEL) Alkane: Str...	17.57	3.5	ng/ul	528388	4	17.07	3002590	20.0
Phenanthrene, 1-m...	17.99	9.1	ng/ul	1369460	4	17.07	3002590	20.0
1H-Indene, 2-phenyl-	18.07	4.8	ng/ul	726509	4	17.07	3002590	20.0
4H-Cyclopenta[def...	18.14	10.5	ng/ul	1573090	4	17.07	3002590	20.0
Anthrone	18.34	12.2	ng/ul	1831400	4	17.07	3002590	20.0
9,10-Anthracenedione	18.49	6.2	ng/ul	928829	4	17.07	3002590	20.0
Naphthalic anhydride	18.89	3.6	ng/ul	543010	4	17.07	3002590	20.0
Cyclopenta(def)ph...	19.01	11.6	ng/ul	1742010	4	17.07	3002590	20.0
9-(Cyanomethylene...	19.74	4.2	ng/ul	3782190	5	21.27	18077600	20.0
Pyrene, 1-methyl-	19.83	3.8	ng/ul	3430720	5	21.27	18077600	20.0
11H-Benzo[a]fluor...	20.74	2.9	ng/ul	2642960	5	21.27	18077600	20.0
unknown-01	20.94	2.7	ng/ul	2451130	5	21.27	18077600	20.0
Cyclopenta[cd]pyrene	20.99	6.6	ng/ul	5996990	5	21.27	18077600	20.0
Naphtho[2,1,8,7-k...	21.57	3.5	ng/ul	3180660	5	21.27	18077600	20.0
Triphenylene, 2-m...	21.81	2.9	ng/ul	2642010	5	21.27	18077600	20.0
1H-Benz[f]indene,...	21.86	2.4	ng/ul	2170400	5	21.27	18077600	20.0
9H-Cyclopenta[a]p...	22.01	2.1	ng/ul	1872970	5	21.27	18077600	20.0
Phenanthrene, 2-p...	22.10	2.1	ng/ul	1869400	5	21.27	18077600	20.0
5,12-Naphthacened...	22.30	2.0	ng/ul	1830270	5	21.27	18077600	20.0
Pyrido[2,3-g]indo...	22.59	61.5	ng/ul	4890780	6	23.50	1591270	20.0
2,6-Di(2-furylmet...	22.71	16.1	ng/ul	1284840	6	23.50	1591270	20.0
Phenol, 2-[5-(3-m...	22.94	17.9	ng/ul	1421790	6	23.50	1591270	20.0
Benzo[e]pyrene	23.00	52.8	ng/ul	4197290	6	23.50	1591270	20.0
unknown-02	25.24	65.9	ng/ul	5242020	6	23.50	1591270	20.0