LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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	12.351	1568	1575	1585	rBV	9416891	13531986	3.68%	0.823%
2	12.569	1602	1612	1618	rVB	4844514	7501711	2.04%	0.456%
3	13.363	1740	1747	1754	rBV	3616619	5338554	1.45%	0.325%
4	13.551	1773	1779	1790	rVB	2732651	4979731	1.35%	0.303%
5	13.680	1794	1801	1802	rBV	4084772	5260019	1.43%	0.320%
6	13.845	1821	1829	1834	rBV	7216425	12442636	3.38%	0.756%
7	13.898	1834	1838	1843	rVV	3826075	5479950	1.49%	0.333%
8	14.080	1862	1869	1872	rBV	3138950	4547419	1.24%	0.276%
9	14.245	1886	1897	1904	rBV3	2235852	5837401	1.59%	0.355%
10	14.498	1934	1940	1943	rBV	4285250	5655512	1.54%	0.344%
11	14.610	1950	1959	1964	rBV	53121287	73825071	20.08%	4.488%
12	14.939	2006	2015	2020	rVV2	38556841	57571534	15.66%	3.500%
13	15.592	2118	2126	2132	rVB2	64996995	91769437	24.96%	5.579%
14	15.669	2134	2139	2142	rBV2	2466127	3914461	1.06%	0.238%
15	15.739	2147	2151	2155	rVB2	5071212	7111942	1.93%	0.432%
16	15.869	2169	2173	2179	rVB	8343126	11042129	3.00%	0.671%
17	16.016	2192	2198	2205	rBV	7784858	15366197	4.18%	0.934%
18	16.210	2218	2231	2240	rBV5	1594568	4005121	1.09%	0.243%
19	16.574	2281	2293	2297	rBV2	6411880	12961578	3.53%	0.788%
20	16.798	2323	2331	2334	rBV2	2386887	5132622	1.40%	0.312%
21	16.998	2359	2365	2377	rVV2	2876380	7660848	2.08%	0.466%
22	17.104	2377	2383	2395	rVB	12263677	17002461	4.62%	1.034%
23	17.363	2407	2427	2431	rBV5	188524617	367665100	100.00%	22.350%
24	17.427	2434	2438	2443	rVB	27832842	33461369	9.10%	2.034%
25	17.698	2474	2484	2495	rVB8	2289134	7068886	1.92%	0.430%
26	17.792	2495	2500	2508	rBV2	2503066	4993202	1.36%	0.304%
27	18.151	2551	2561	2565	rBV	13588169	18640672	5.07%	1.133%
28	18.204	2565	2570	2575	rVB	17929123	23089115	6.28%	1.404%
29	18.280	2575	2583	2588	rBV	6117906	8782125	2.39%	0.534%
30	18.357	2588	2596	2599	rBV2	23835865	38691310	10.52%	2.352%
31	18.645	2640	2645	2651	rVB	9531418	12490447	3.40%	0.759%
32	19.057	2709	2715	2719	rBV	4128121	7223199	1.96%	0.439%
33	19.127	2719	2727	2730	rBV4	2103223	3997094	1.09%	0.243%
34	19.357	2756	2766	2770	rBV2	123356472	200698840	54.59%	12.200%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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

35	19.533	2791	2796	2800	rBV2	2936968	4001340	1.09%	0.243%
36	19.580	2800	2804	2814	rVB	3096893	6411289	1.74%	0.390%
37	19.721	2814	2828	2832	rBV4	86996403	172601718	46.95%	10.492%
38	19.762	2832	2835	2839	rVB2	4571327	5806093	1.58%	0.353%
39	19.868	2849	2853	2858	rVB	4597248	5854923	1.59%	0.356%
40	20.009	2871	2877	2885	rVB2	5652261	12501389	3.40%	0.760%
41	20.086	2885	2890	2894	rBV	2589803	4118089	1.12%	0.250%
42	20.186	2894	2907	2912	rVB	16865247	29535386	8.03%	1.795%
43	20.286	2918	2924	2928	rBV	18648711	25110543	6.83%	1.526%
44	20.345	2931	2934	2937	rVV	5560656	7469254	2.03%	0.454%
45	20.380	2937	2940	2943	rVV2	3131301	4013944	1.09%	0.244%
46	20.486	2953	2958	2962	rBV	2881967	4186539	1.14%	0.254%
47	20.527	2962	2965	2971	rVB	3207336	4137490	1.13%	0.252%
48	20.798	3008	3011	3021	rVB4	2114548	4903202	1.33%	0.298%
49	20.880	3021	3025	3030	rBV2	2646652	4959824	1.35%	0.302%
50	21.098	3058	3062	3065	rBV	6176500	7889274	2.15%	0.480%
51	21.133	3065	3068	3072	rVB	4652257	5700771	1.55%	0.347%
52	21.180	3072	3076	3080	rBV2	4608790	6846763	1.86%	0.416%
53	21.439	3112	3120	3126	rVV2	40129888	70339063	19.13%	4.276%
54	21.492	3126	3129	3133	rVB	28906193	32976962	8.97%	2.005%
55	21.609	3144	3149	3155	rBV	6170497	9313308	2.53%	0.566%
56	21.780	3172	3178	3182	rBV2	3379877	5308179	1.44%	0.323%
57	22.003	3211	3216	3222	rVV	4952756	9263366	2.52%	0.563%
58	22.256	3256	3259	3264	rVB2	2687168	3879984	1.06%	0.236%
59	23.086	3392	3400	3405	rBV	14588824	35695777	9.71%	2.170%
60	23.256	3424	3429	3434	rVB	2346298	3925834	1.07%	0.239%
61	23.586	3479	3485	3491	rBV	6726727	12454903	3.39%	0.757%
62	23.692	3497	3503	3509	rVB	10860709	19753987	5.37%	1.201%
63	23.839	3524	3528	3534	rVB	2916003	5368826	1.46%	0.326%
64	26.168	3915	3924	3934	rVB	3278139	9495856	2.58%	0.577%
65	26.909	4044	4050	4067	rVB	1825489	6459542	1.76%	0.393%

Sum of corrected areas: 1645023097

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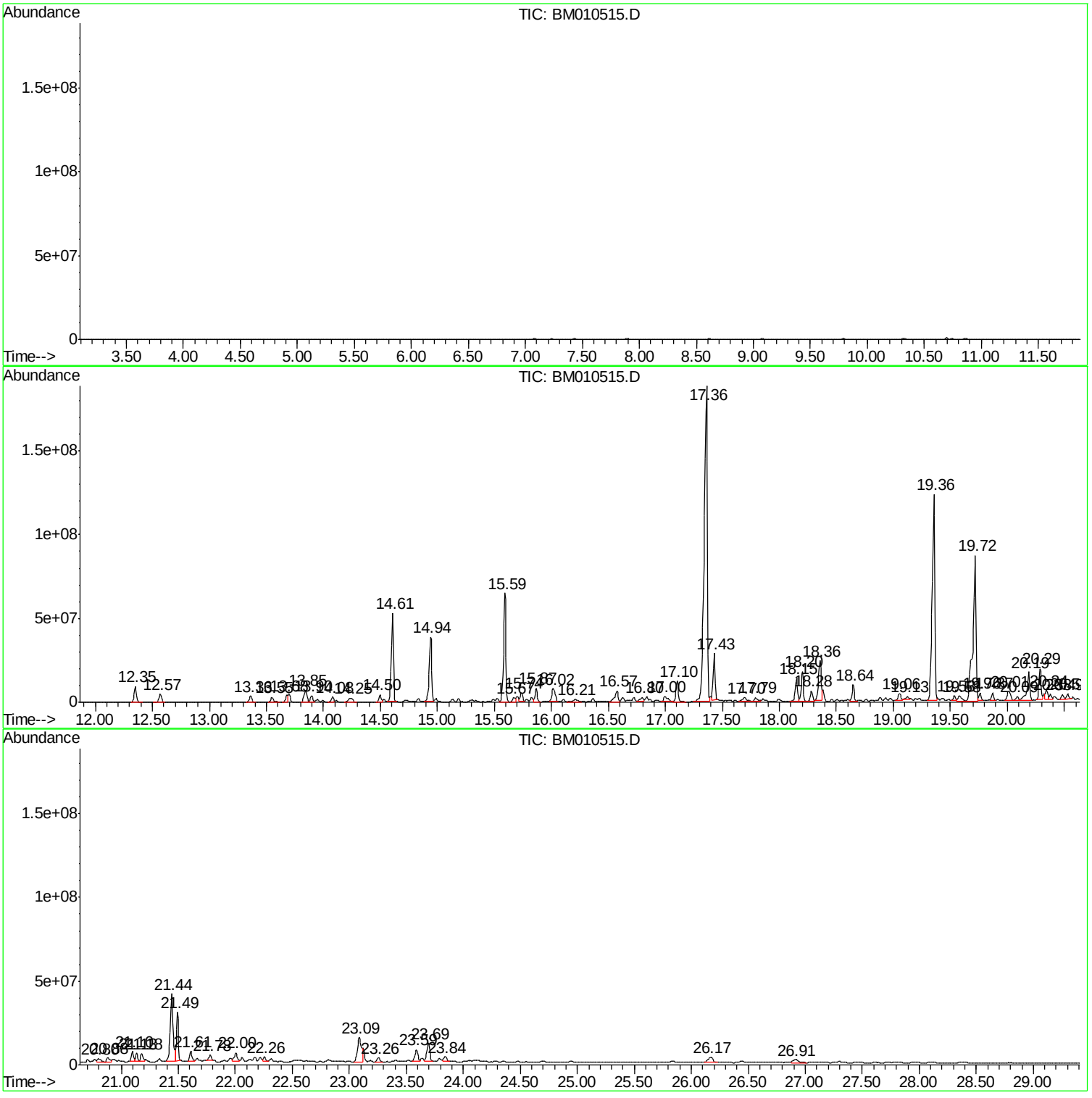
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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\BM061017\
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Quant Title : SVOA CALIBRATION

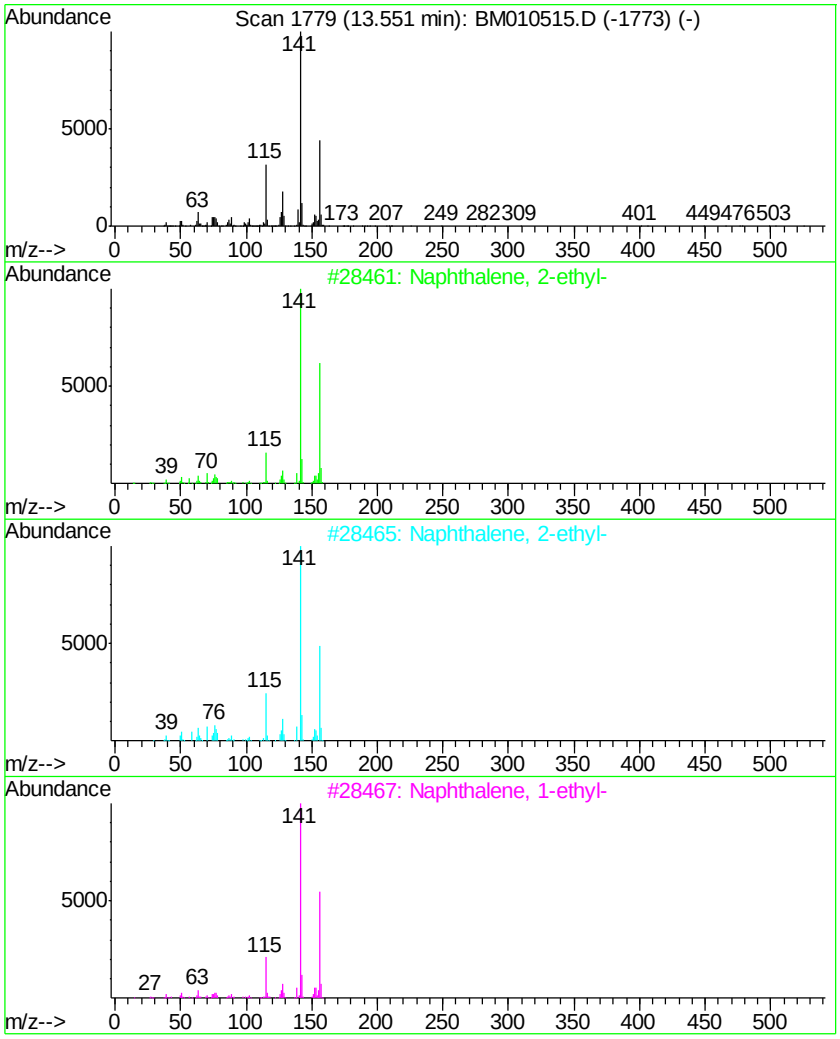
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

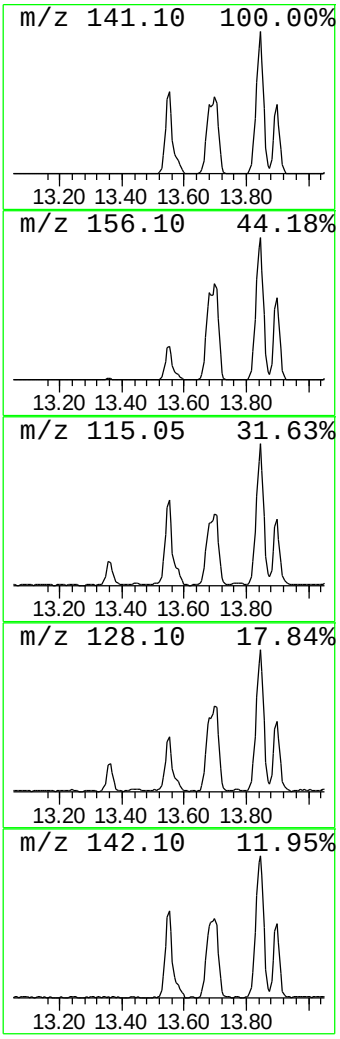
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	17.61 ng/ul	4979730	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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

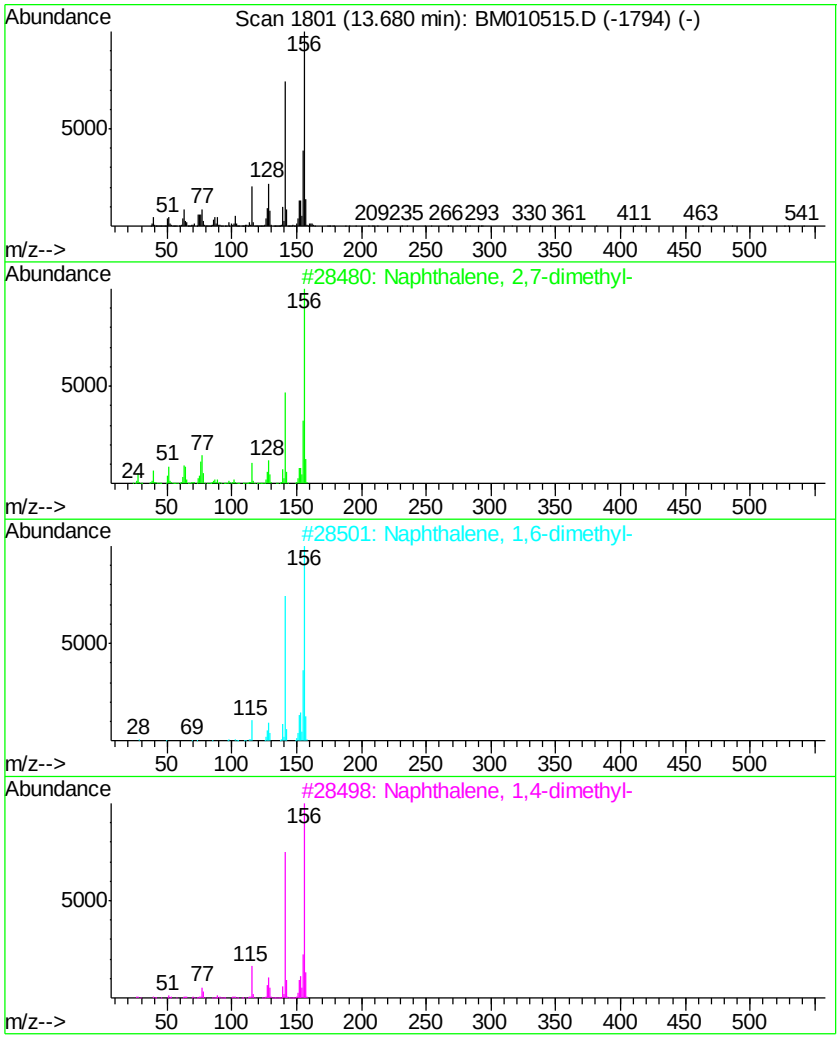
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

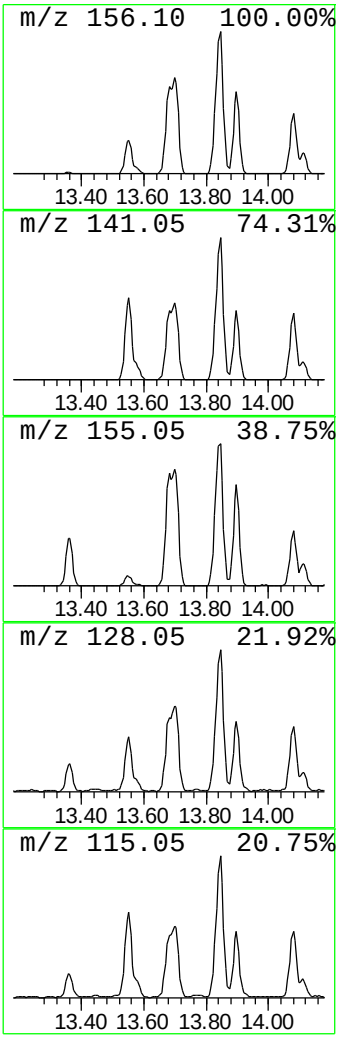
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	18.60 ng/ul	5260020	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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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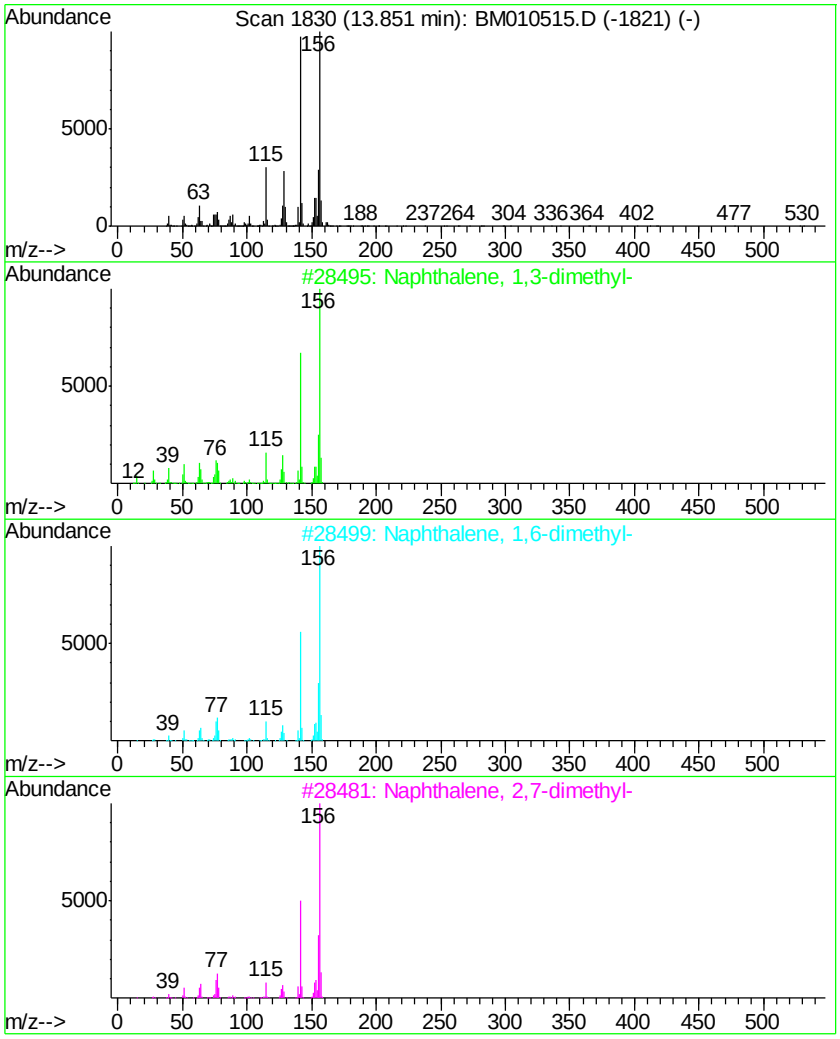
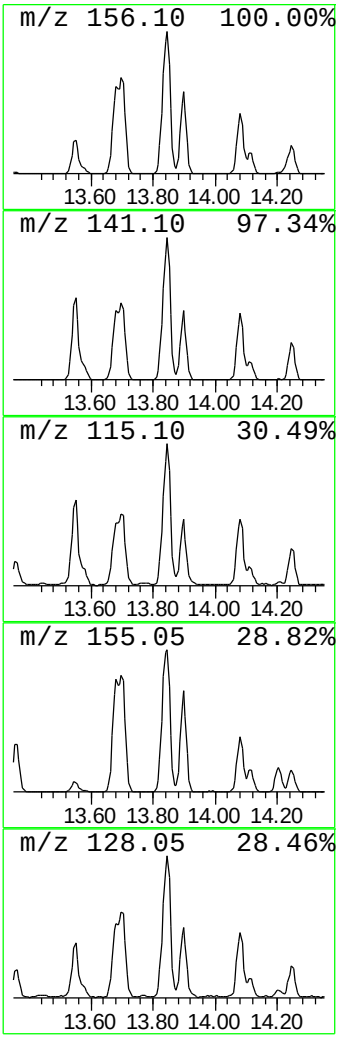
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	44.00 ng/ul	12442600	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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

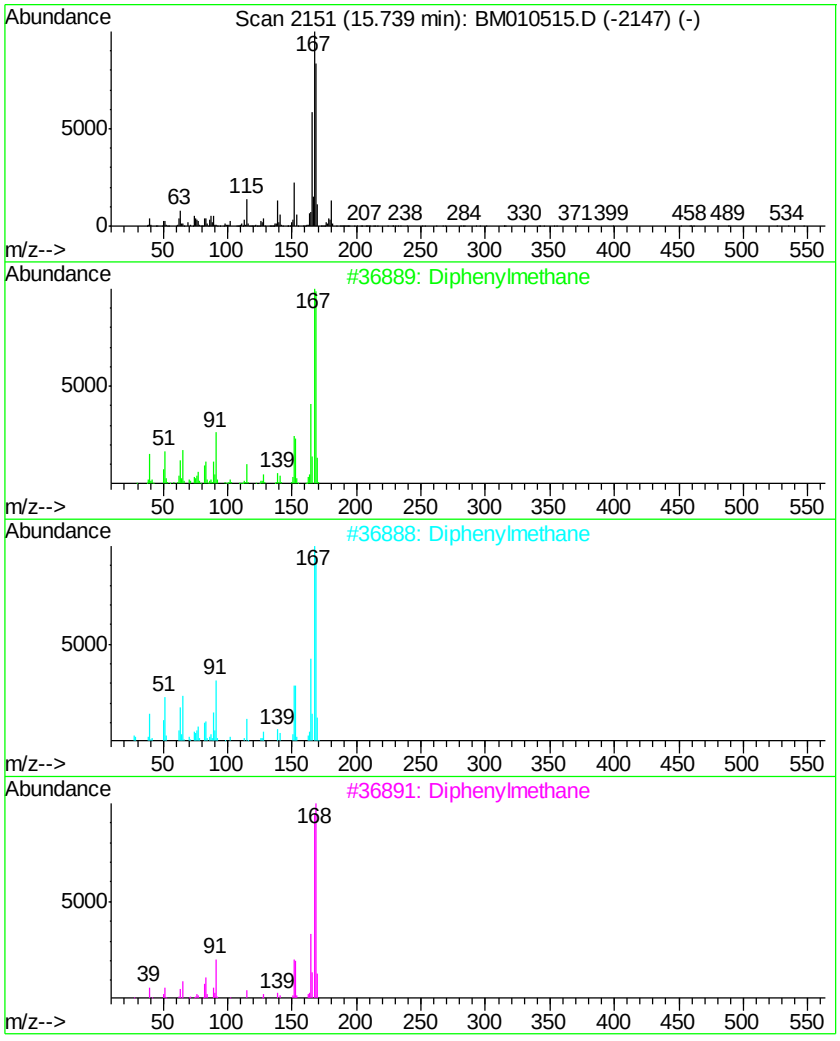
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

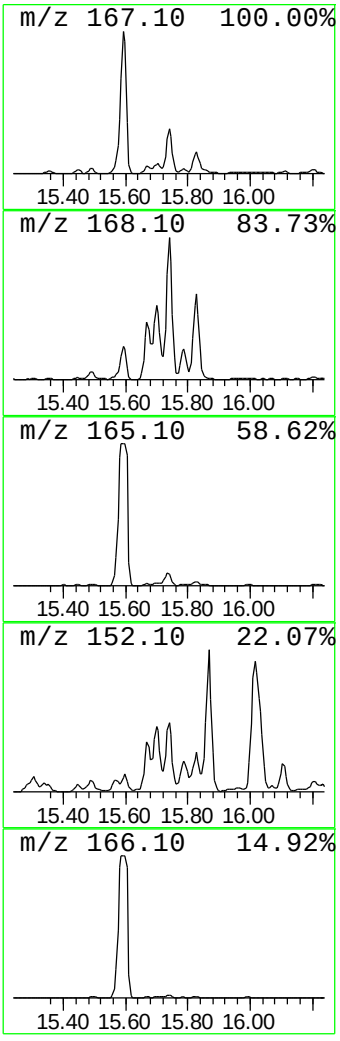
****

Peak Number 6 Diphenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	25.15 ng/ul	7111940	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	76
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	53
5	Diphenylmethane	168	C13H12	000101-81-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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

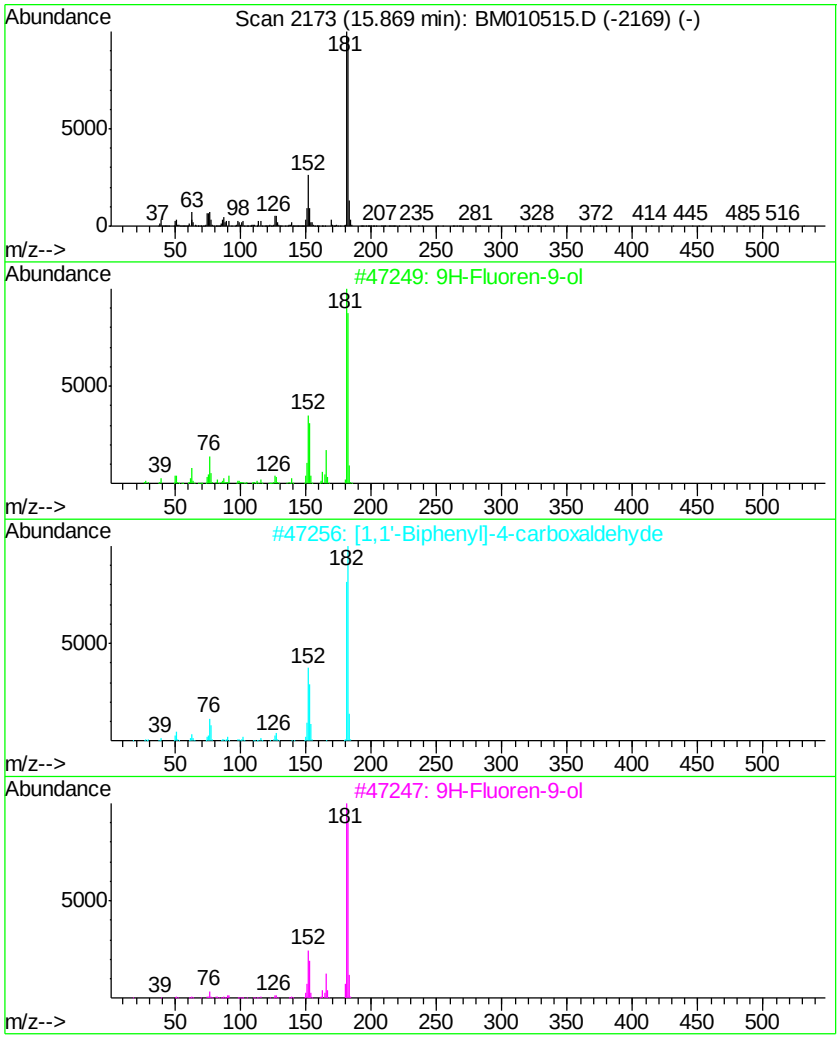
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

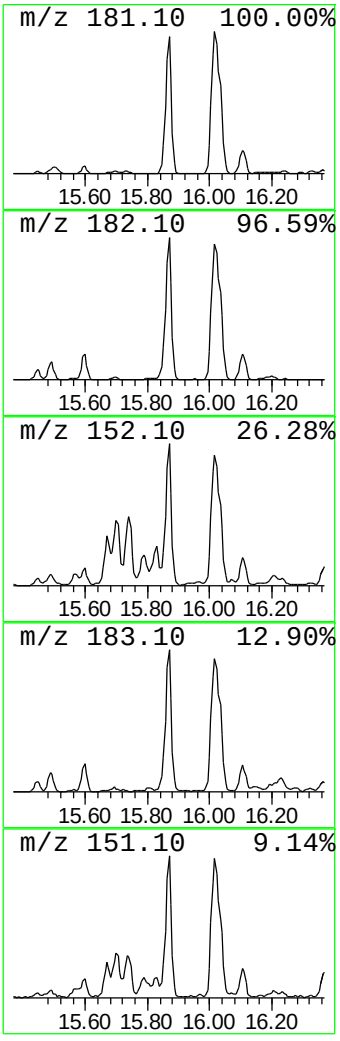
****

Peak Number 7 9H-Fluoren-9-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	39.05 ng/ul	11042100	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
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	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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

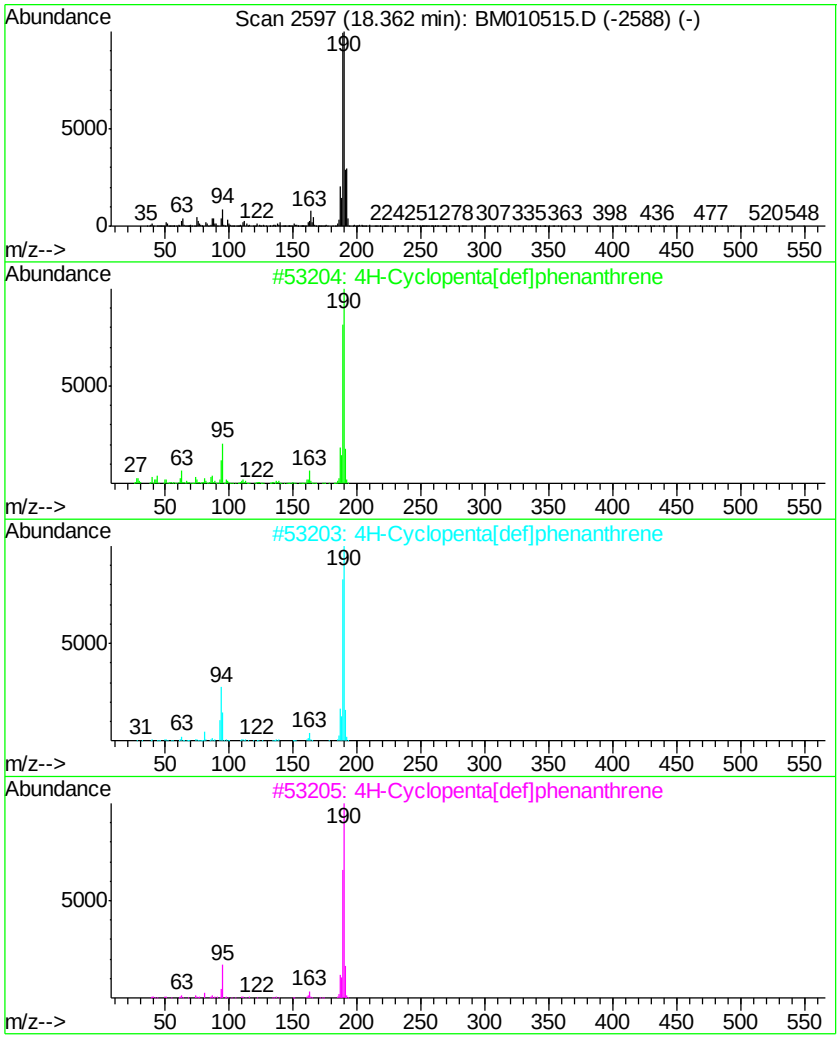
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

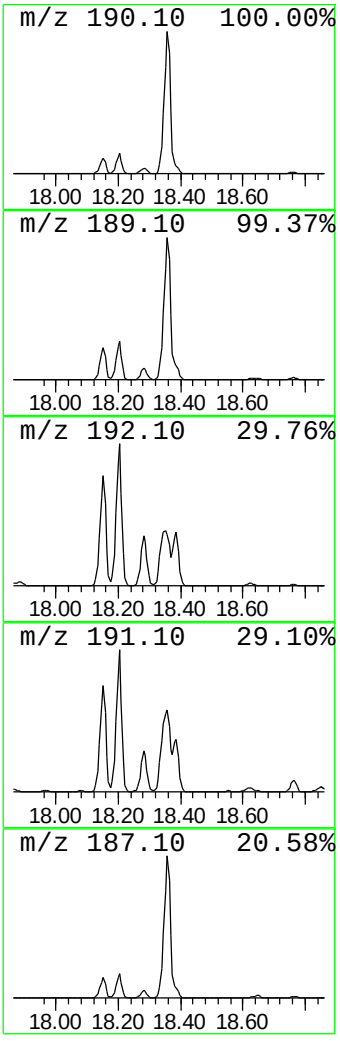
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.10 ng/ul	38691300	Phenanthrene-d10	17.29

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	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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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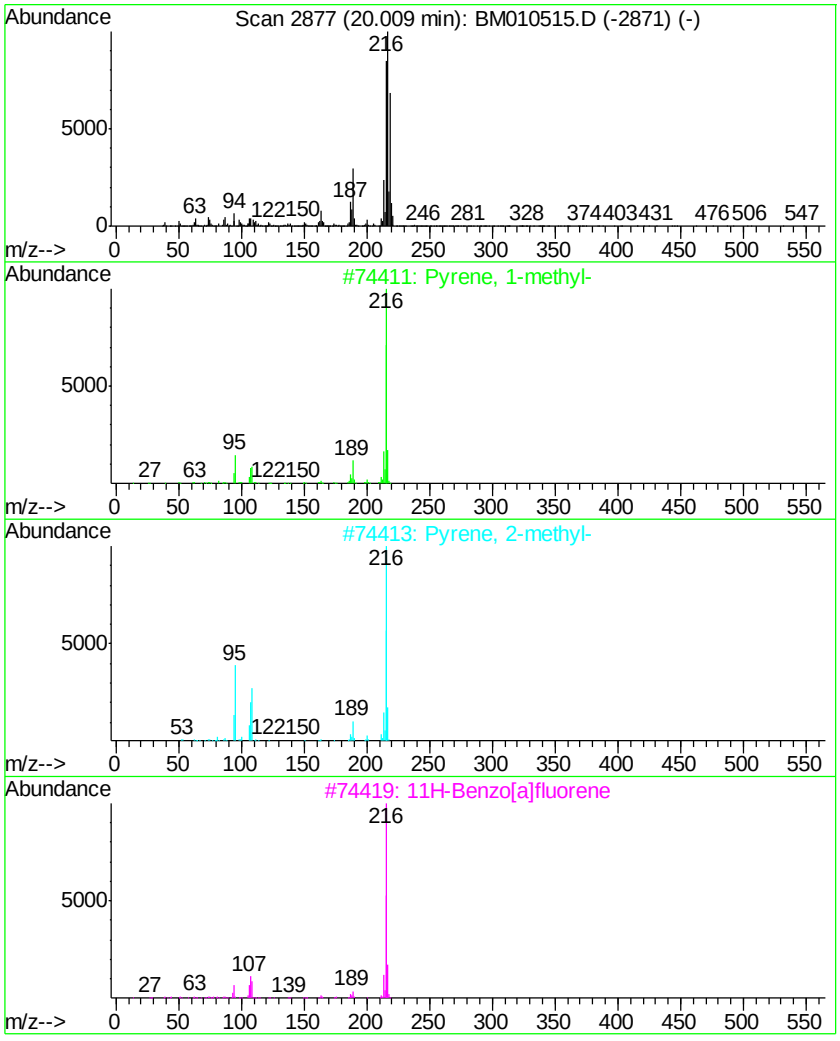
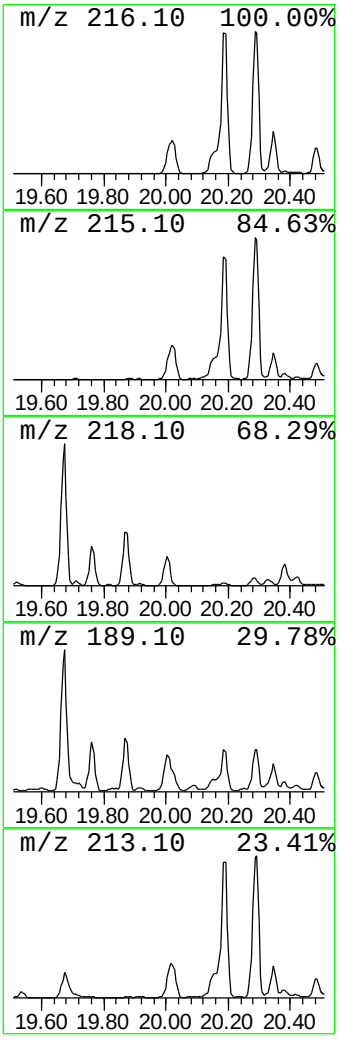
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	3.55 ng/ul	12501400	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
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Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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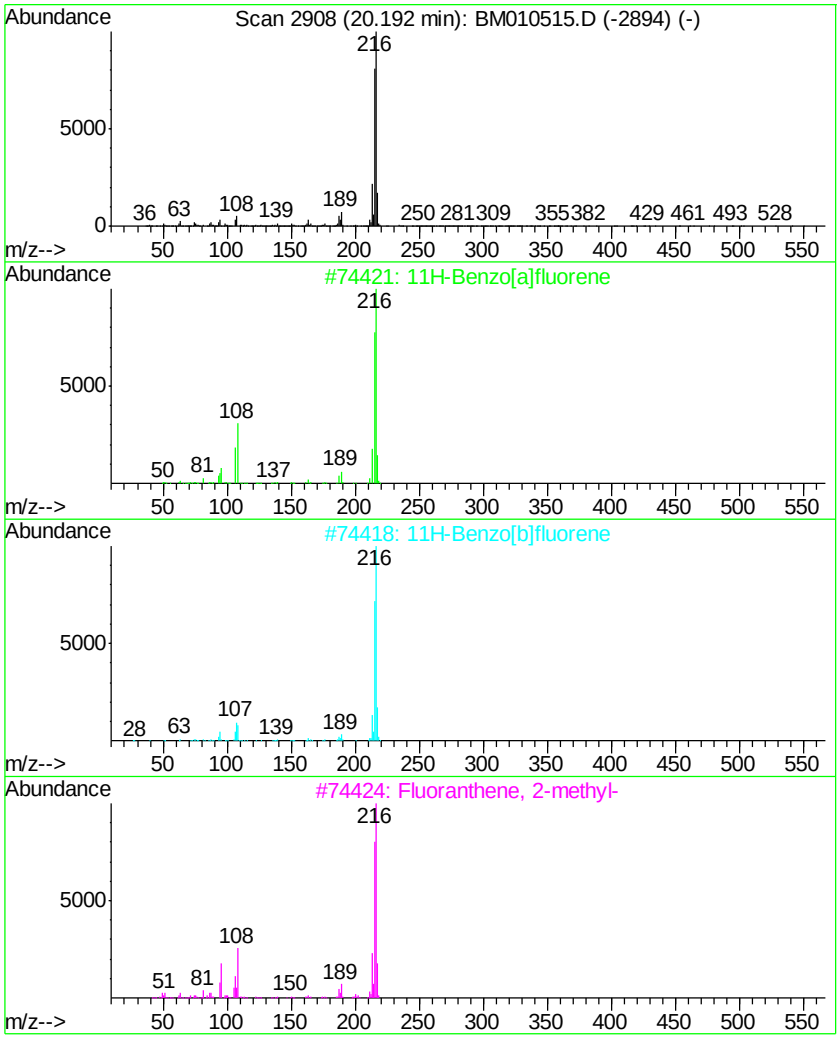
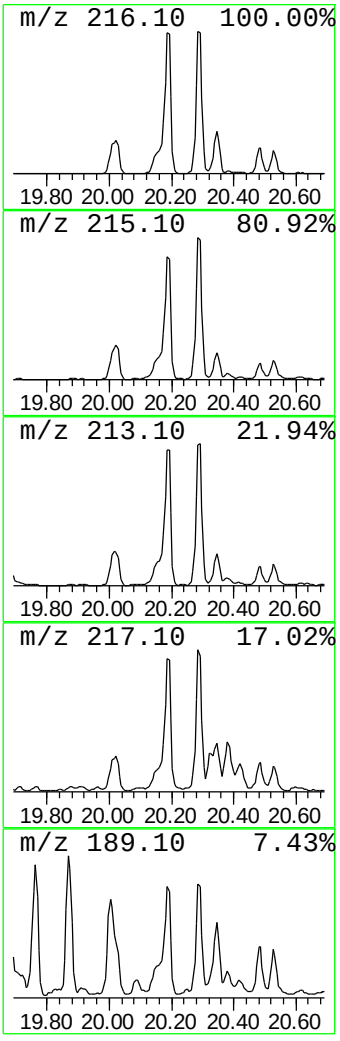
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	8.40 ng/ul	29535400	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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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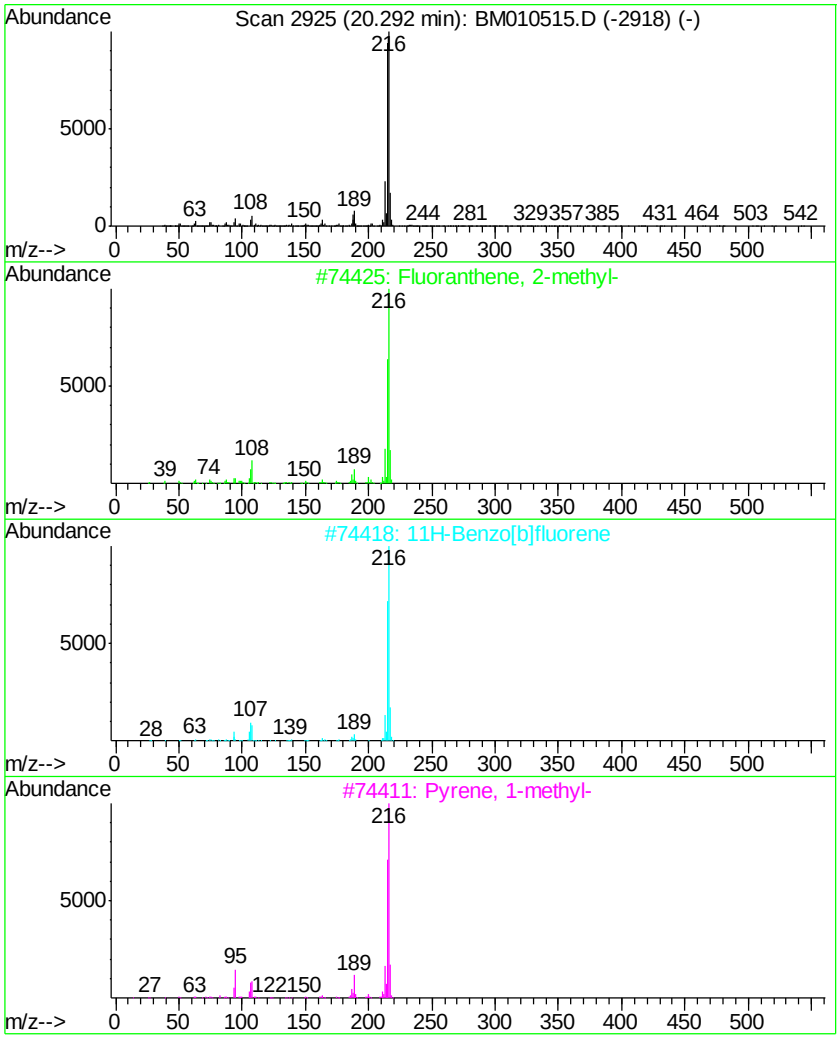
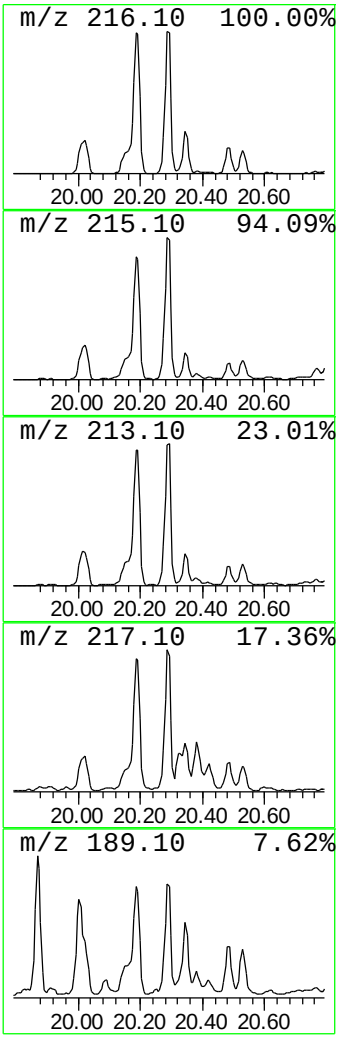
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	7.14 ng/ul	25110500	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 11 Jun 2017 08:58
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Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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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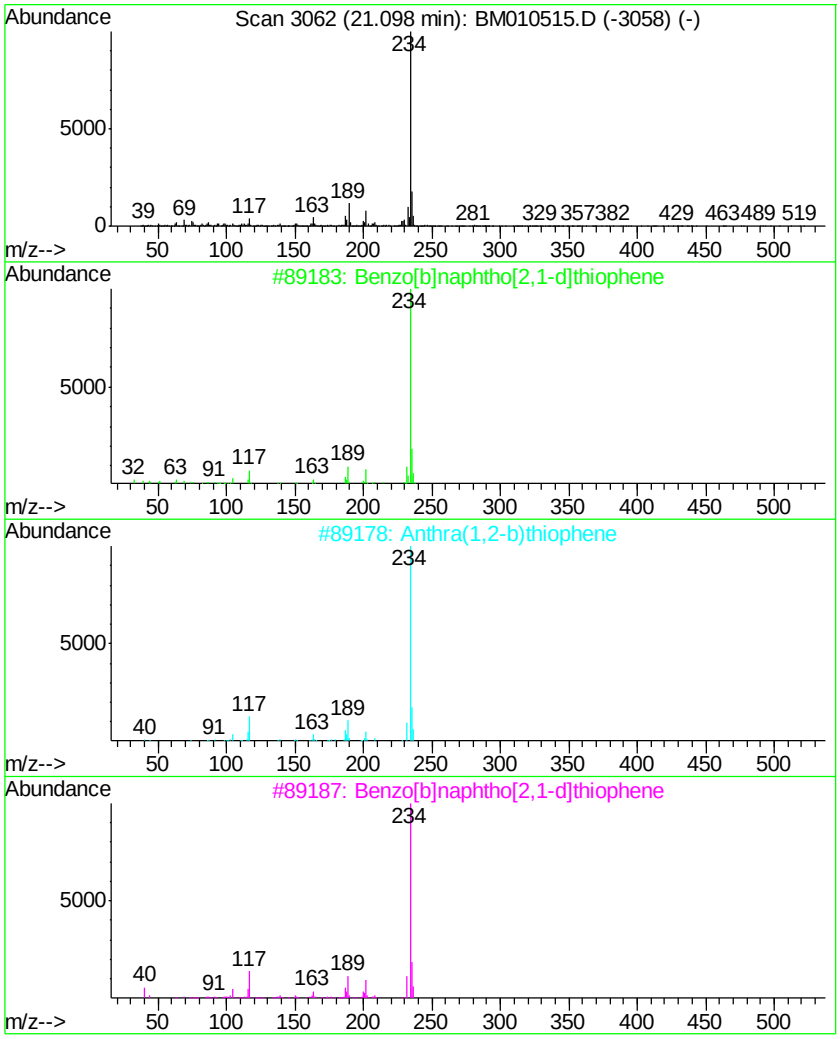
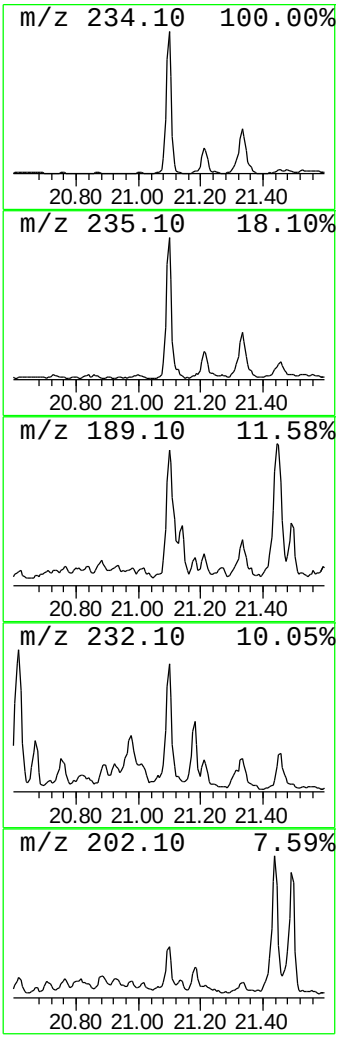
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.24 ng/ul	7889270	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	97
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94





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Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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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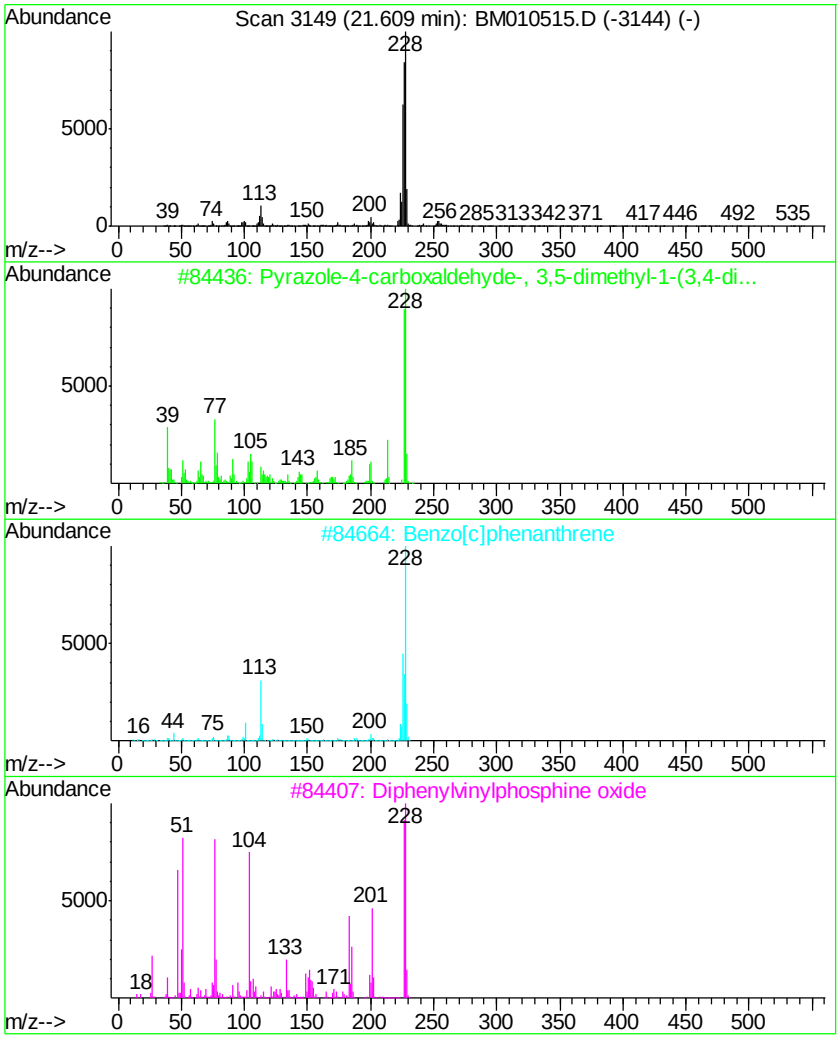
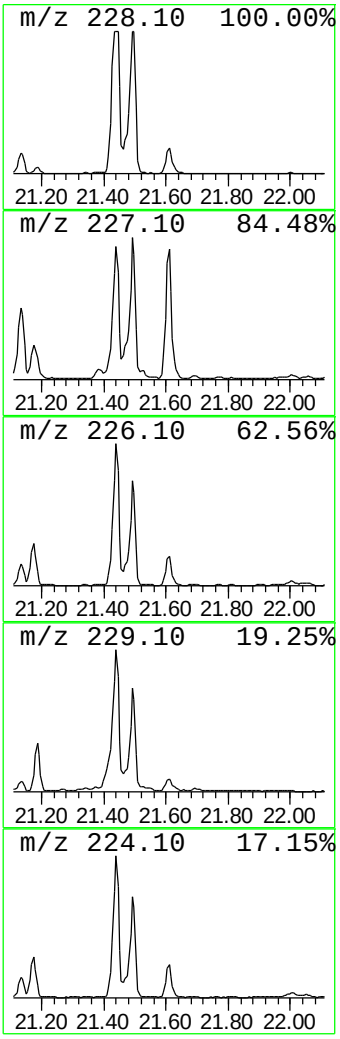
Peak Number 14 Pyrazole-4-carboxaldehyde-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	2.65 ng/ul	9313310	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	53
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43





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Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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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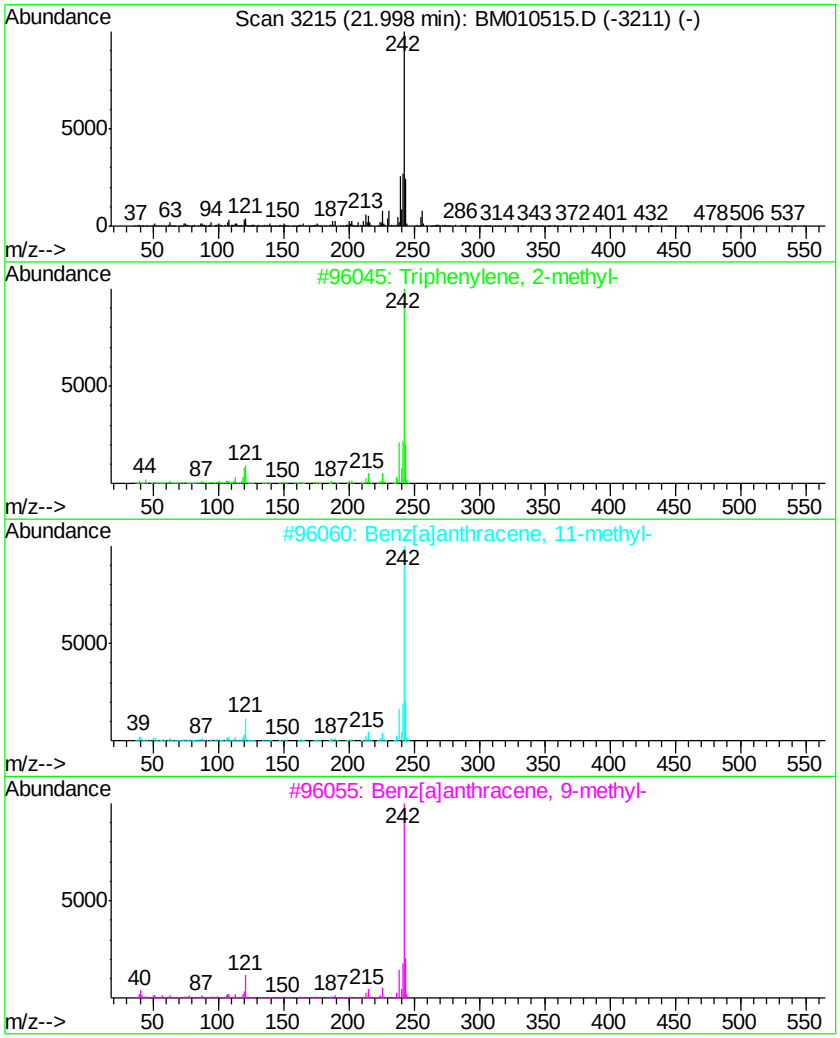
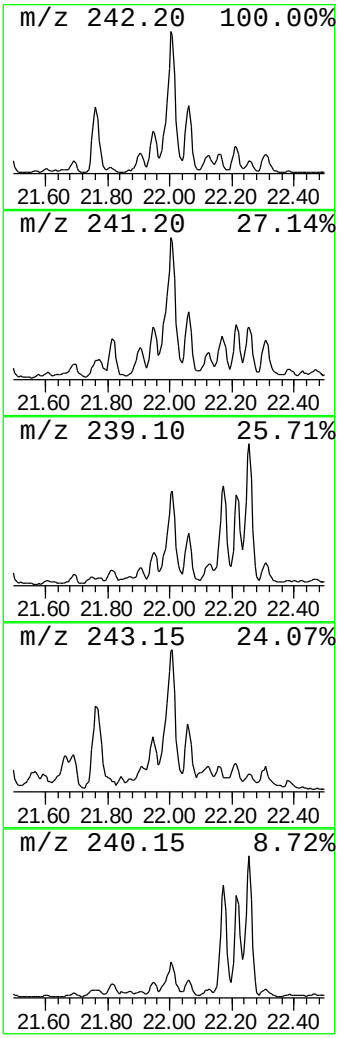
Peak Number 15 Triphenylene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.63 ng/ul	9263370	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	93
3	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	92
4	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	92
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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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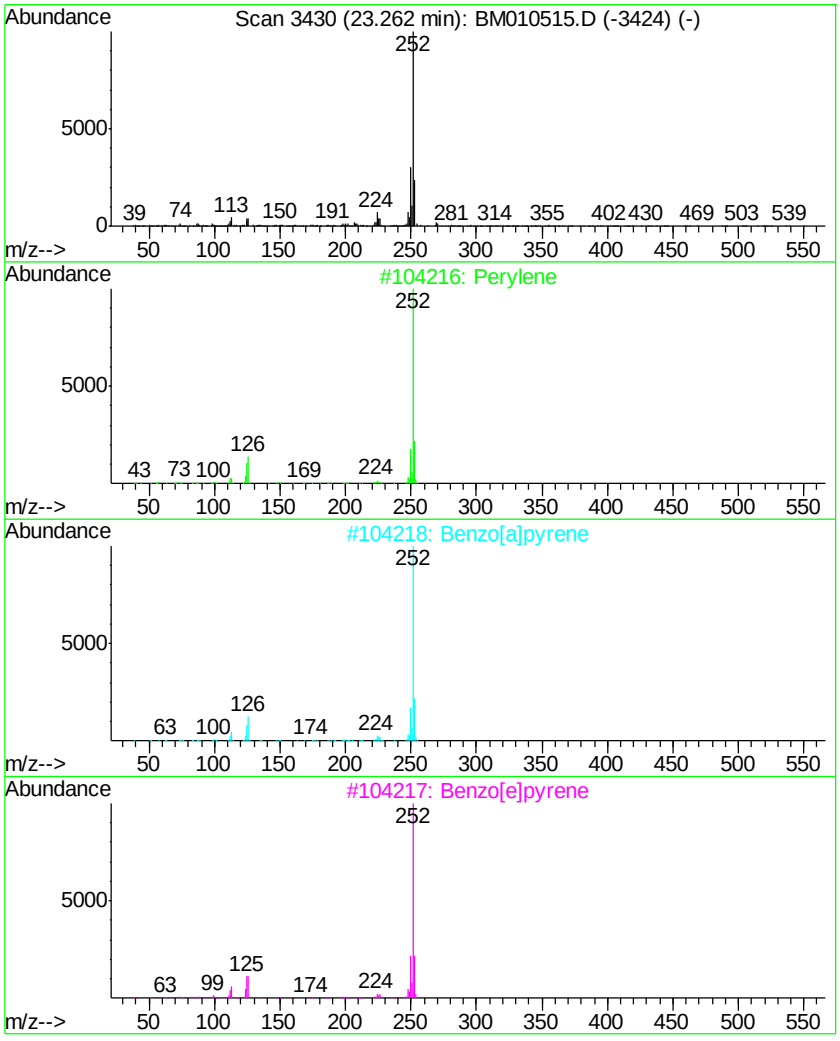
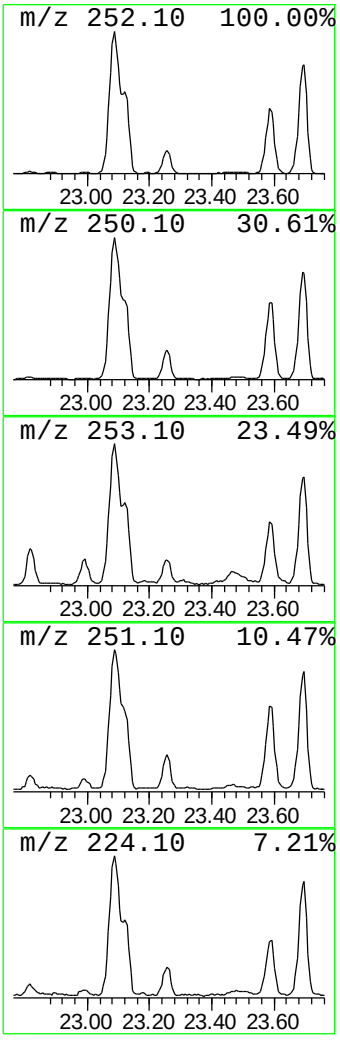
Peak Number 16 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	14.62 ng/ul	3925830	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	87
3	Benzo[e]pyrene	252	C20H12	000192-97-2	87
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





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Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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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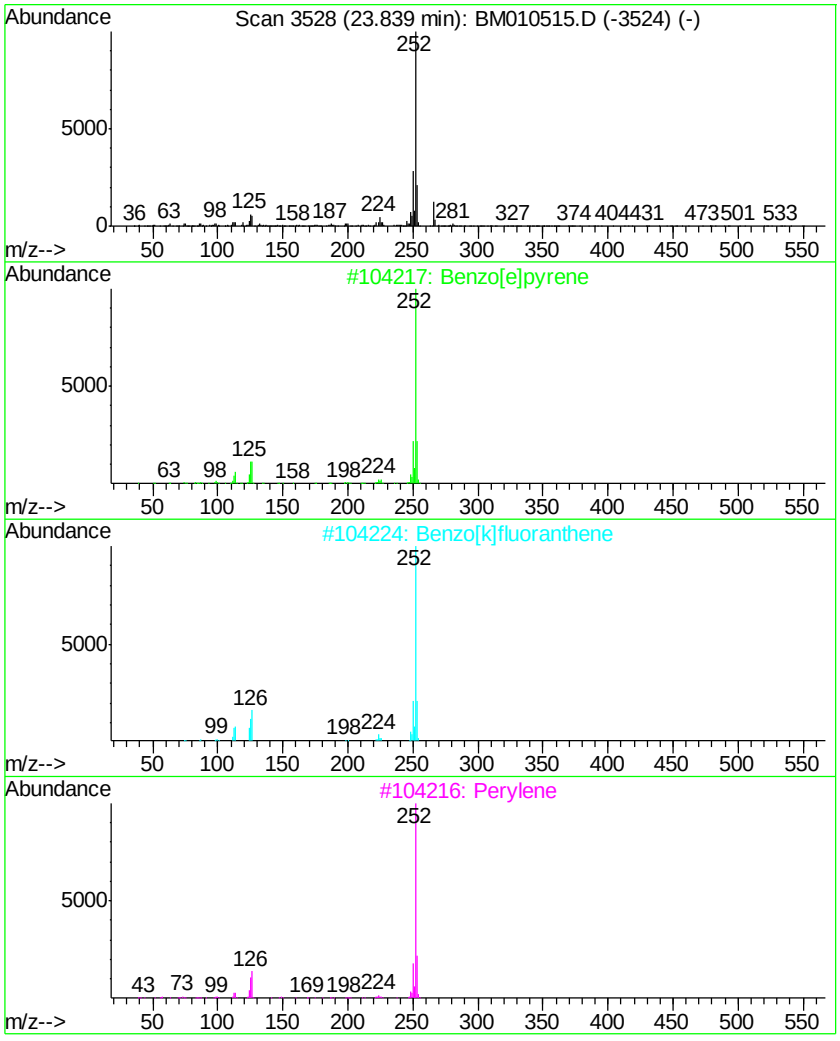
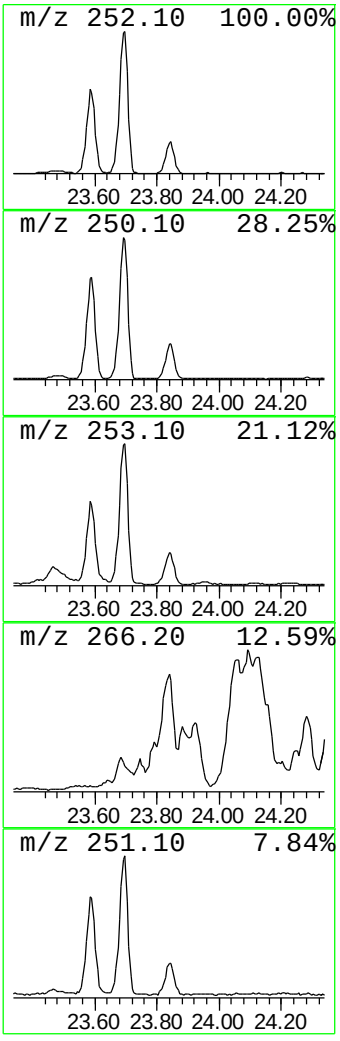
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	20.00 ng/ul	5368830	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010515.D
Acq On : 11 Jun 2017 08:58
Operator : SJ/MA
Sample : I3522-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C32

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2-et...	13.55	17.6	ng/ul	4979730	3	14.53	5655510	20.0
Naphthalene, 2,7-...	13.68	18.6	ng/ul	5260020	3	14.53	5655510	20.0
Naphthalene, 1,3-...	13.85	44.0	ng/ul	12442600	3	14.53	5655510	20.0
Diphenylmethane	15.74	25.1	ng/ul	7111940	3	14.53	5655510	20.0
9H-Fluoren-9-ol	15.87	39.0	ng/ul	11042100	3	14.53	5655510	20.0
4H-Cyclopenta[def...	18.36	2.1	ng/ul	38691300	4	17.29	367665000	20.0
Pyrene, 1-methyl-	20.01	3.5	ng/ul	12501400	5	21.46	70339100	20.0
11H-Benzo[a]fluorene	20.19	8.4	ng/ul	29535400	5	21.46	70339100	20.0
Fluoranthene, 2-m...	20.29	7.1	ng/ul	25110500	5	21.46	70339100	20.0
Benzo[b]naphtho[2...	21.10	2.2	ng/ul	7889270	5	21.46	70339100	20.0
Pyrazole-4-carbox...	21.61	2.6	ng/ul	9313310	5	21.46	70339100	20.0
Triphenylene, 2-m...	22.00	2.6	ng/ul	9263370	5	21.46	70339100	20.0
Perylene	23.26	14.6	ng/ul	3925830	6	23.79	5368830	20.0
Benzo[e]pyrene	23.84	20.0	ng/ul	5368830	6	23.79	5368830	20.0