LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
Operator : SJ/MA
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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	10.775	1297	1307	1312	rVB2	82970315	146096347	40.73%	8.142%
2	12.363	1568	1577	1586	rBV	48345095	69162429	19.28%	3.855%
3	12.575	1602	1613	1619	rBV	17580531	26590109	7.41%	1.482%
4	13.363	1740	1747	1753	rBV	8932112	12617470	3.52%	0.703%
5	13.551	1773	1779	1790	rVB	3493748	6091975	1.70%	0.340%
6	13.680	1794	1801	1802	rBV	5384672	6695092	1.87%	0.373%
7	13.845	1821	1829	1834	rBV	8682033	15195500	4.24%	0.847%
8	13.898	1834	1838	1843	rVV	6003037	8309575	2.32%	0.463%
9	14.080	1862	1869	1873	rBV	3776087	5662135	1.58%	0.316%
10	14.245	1886	1897	1904	rBV4	2478392	6284862	1.75%	0.350%
11	14.498	1934	1940	1944	rBV	5054484	7049163	1.97%	0.393%
12	14.610	1950	1959	1964	rBV	65988459	87063222	24.27%	4.852%
13	14.939	2006	2015	2020	rVV2	38845583	58486710	16.30%	3.260%
14	15.304	2066	2077	2081	rBV3	1743841	3780486	1.05%	0.211%
15	15.592	2118	2126	2133	rVB2	60635908	89185817	24.86%	4.971%
16	15.668	2134	2139	2142	rBV2	2355529	3777317	1.05%	0.211%
17	15.739	2147	2151	2156	rVB2	4633411	6627395	1.85%	0.369%
18	15.868	2169	2173	2179	rVB	8090639	11195634	3.12%	0.624%
19	16.015	2192	2198	2205	rBV	8093460	15366196	4.28%	0.856%
20	16.574	2281	2293	2298	rBV	6593524	13007899	3.63%	0.725%
21	16.798	2323	2331	2334	rBV2	2455082	5232219	1.46%	0.292%
22	16.998	2360	2365	2377	rVB2	2842132	7766472	2.17%	0.433%
23	17.104	2377	2383	2395	rVB	11603700	16407635	4.57%	0.914%
24	17.362	2408	2427	2431	rBV5	183969660	358717001	100.00%	19.992%
25	17.433	2434	2439	2447	rVB	40323976	51163702	14.26%	2.851%
26	17.704	2474	2485	2495	rVB	9542642	17287312	4.82%	0.963%
27	17.792	2495	2500	2507	rBV2	2222237	3981768	1.11%	0.222%
28	18.151	2554	2561	2565	rBV	12972862	17497261	4.88%	0.975%
29	18.204	2565	2570	2575	rVB	17057494	22519613	6.28%	1.255%
30	18.280	2578	2583	2588	rVV	6894636	9227782	2.57%	0.514%
31	18.357	2588	2596	2599	rVV2	20267772	34275887	9.56%	1.910%
32	18.386	2599	2601	2606	rVB	6568289	6746901	1.88%	0.376%
33	18.651	2640	2646	2651	rVB	8629201	11571085	3.23%	0.645%
34	19.056	2705	2715	2719	rBV	4267456	7657558	2.13%	0.427%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
Operator : SJ/MA
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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	19.356	2756	2766	2770	rBV2	114371655	181255728	50.53%	10.102%
36	19.580	2799	2804	2813	rVB2	2769061	5828351	1.62%	0.325%
37	19.680	2814	2821	2822	rVV2	20485802	32113116	8.95%	1.790%
38	19.715	2822	2827	2832	rVV2	72632088	119280772	33.25%	6.648%
39	19.762	2832	2835	2839	rVB2	4254444	5479067	1.53%	0.305%
40	19.868	2849	2853	2858	rVB	4312228	5476274	1.53%	0.305%
41	20.009	2870	2877	2885	rVB3	4960178	11470306	3.20%	0.639%
42	20.186	2894	2907	2912	rVB	13185162	24548973	6.84%	1.368%
43	20.286	2919	2924	2928	rBV	13747399	18173602	5.07%	1.013%
44	20.345	2928	2934	2937	rVV2	4901623	8978112	2.50%	0.500%
45	20.527	2962	2965	2971	rVB2	2961317	4006404	1.12%	0.223%
46	20.798	3008	3011	3021	rVB4	1839506	4084443	1.14%	0.228%
47	20.880	3021	3025	3030	rBV2	1925447	3790447	1.06%	0.211%
48	21.098	3057	3062	3065	rBV	6067781	8225381	2.29%	0.458%
49	21.133	3065	3068	3071	rVV	4657006	5842348	1.63%	0.326%
50	21.174	3071	3075	3078	rVV	3085861	3983602	1.11%	0.222%
51	21.439	3113	3120	3125	rBV2	35534654	57568219	16.05%	3.208%
52	21.492	3125	3129	3134	rVB	27589456	32728958	9.12%	1.824%
53	21.603	3144	3148	3154	rBV	5216349	7795471	2.17%	0.434%
54	21.780	3172	3178	3182	rBV2	2200030	3714739	1.04%	0.207%
55	22.003	3212	3216	3220	rVV	4444265	6904099	1.92%	0.385%
56	23.080	3392	3399	3404	rBV	11750172	27896811	7.78%	1.555%
57	23.586	3478	3485	3490	rBV	5940629	10893406	3.04%	0.607%
58	23.691	3497	3503	3509	rVB	9610963	17087025	4.76%	0.952%
59	23.839	3523	3528	3534	rVB	2557124	4724744	1.32%	0.263%
60	26.168	3915	3924	3933	rVB	2956476	8426178	2.35%	0.470%
61	26.909	4045	4050	4068	rVB2	1763547	5703248	1.59%	0.318%

Sum of corrected areas: 1794277353

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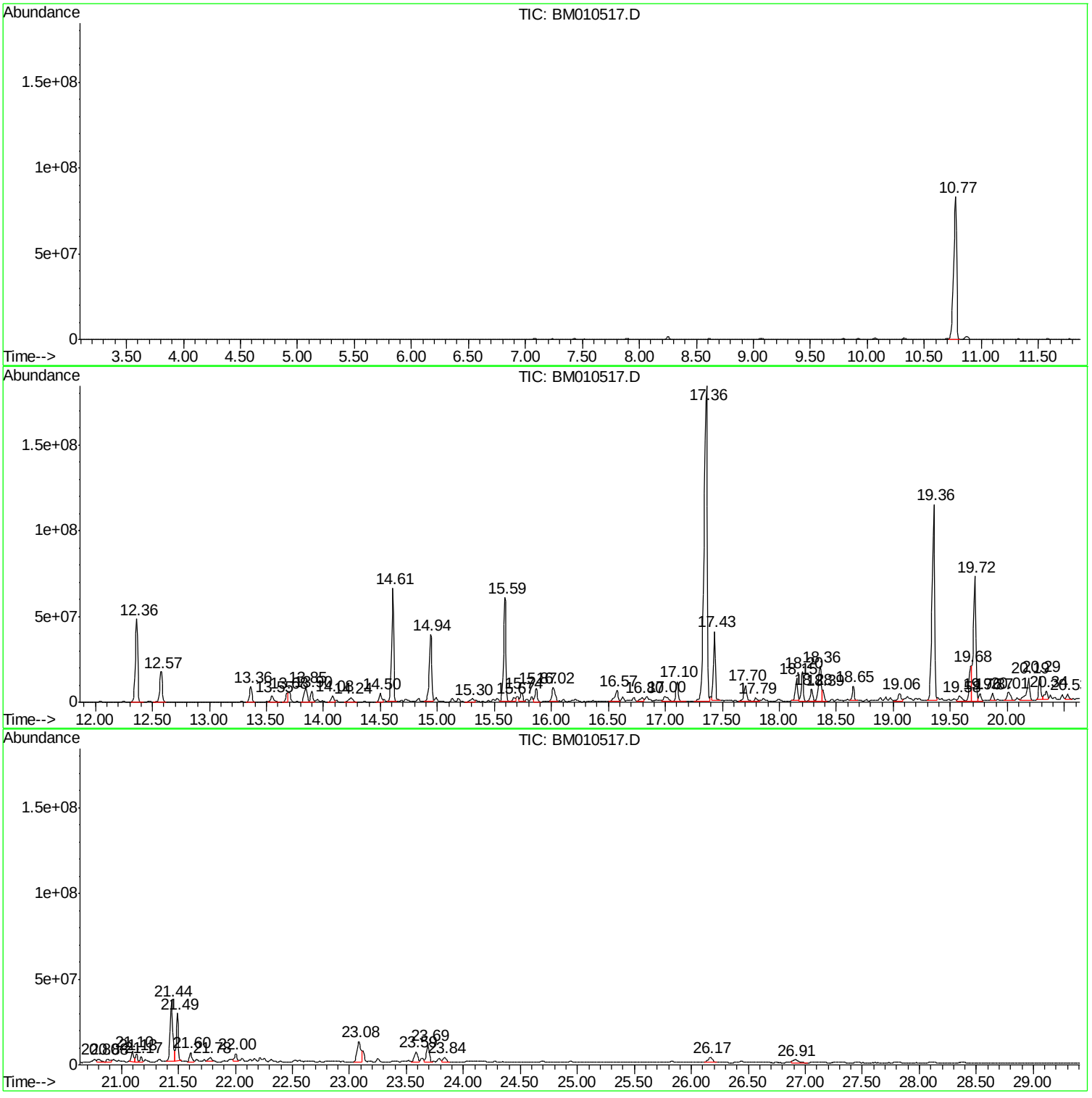
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C63

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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Sample : I3558-09
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

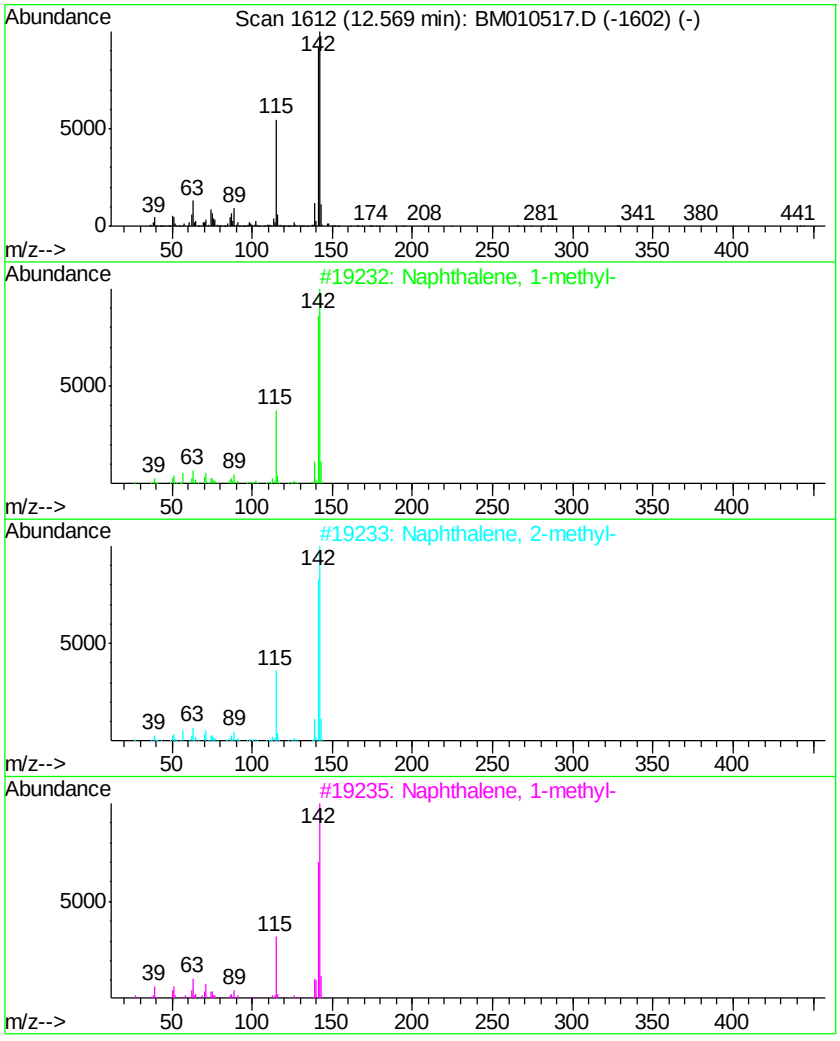
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

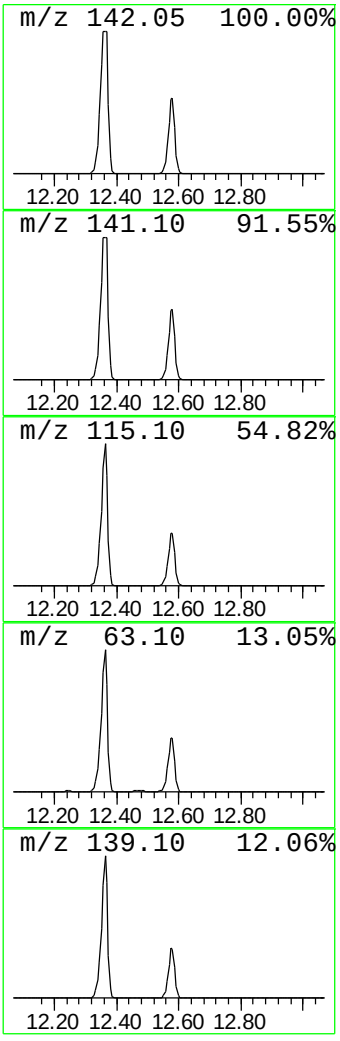
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.64 ng/ul	26590100	Naphthalene-d8	10.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
Operator : SJ/MA
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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

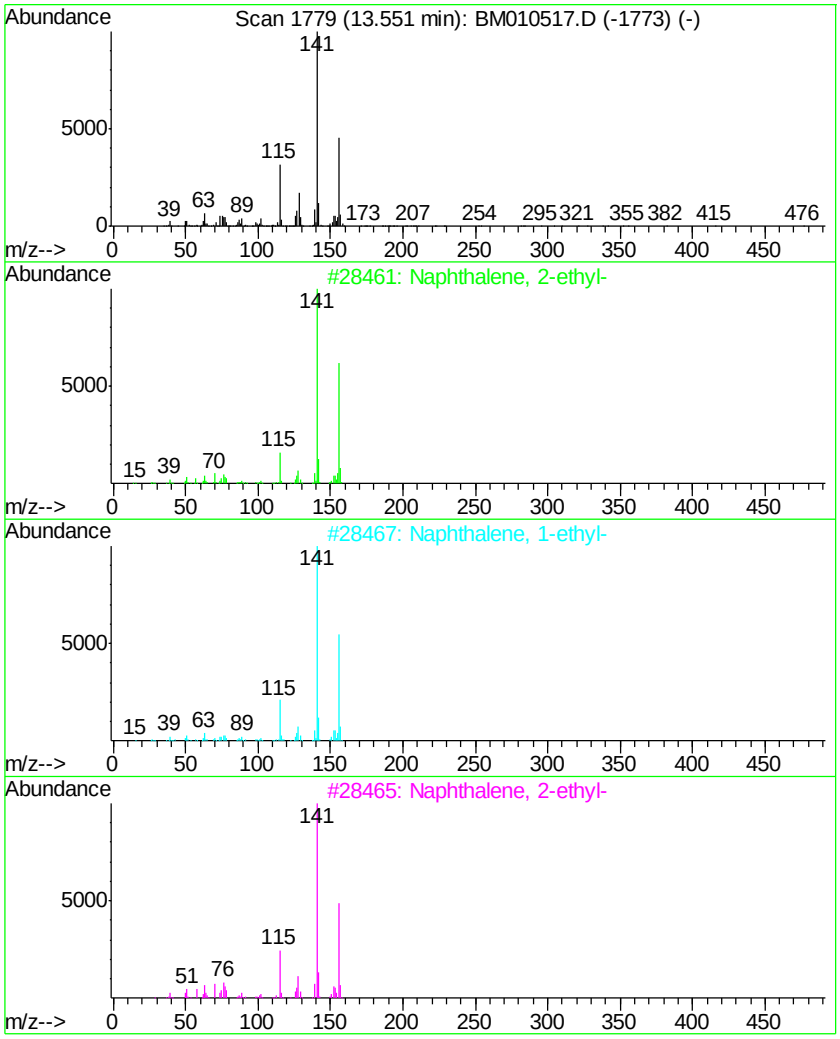
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

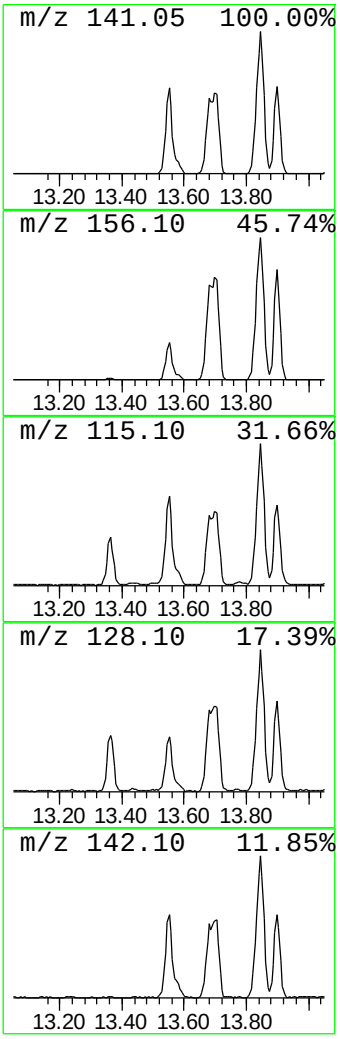
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	17.28 ng/ul	6091980	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, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
Operator : SJ/MA
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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

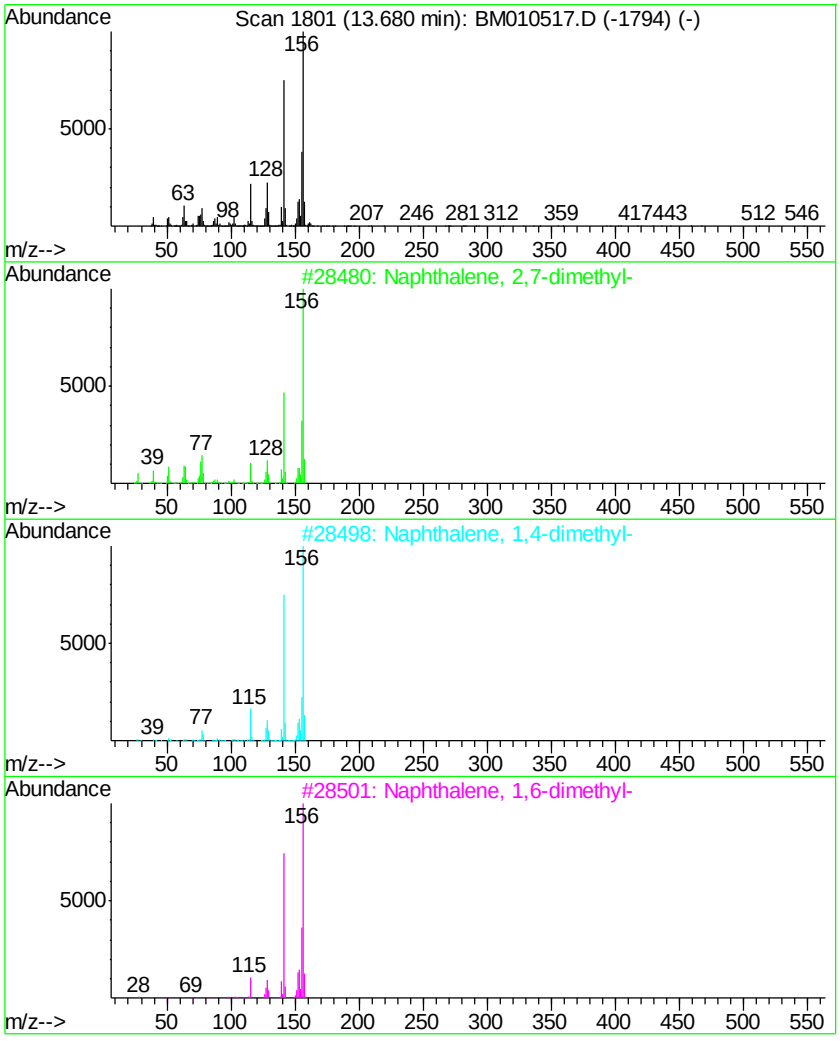
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

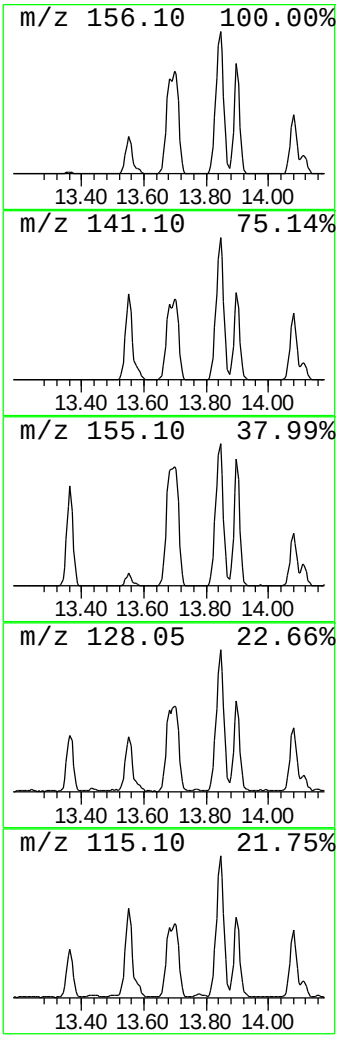
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	19.00 ng/ul	6695090	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, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
Operator : SJ/MA
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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

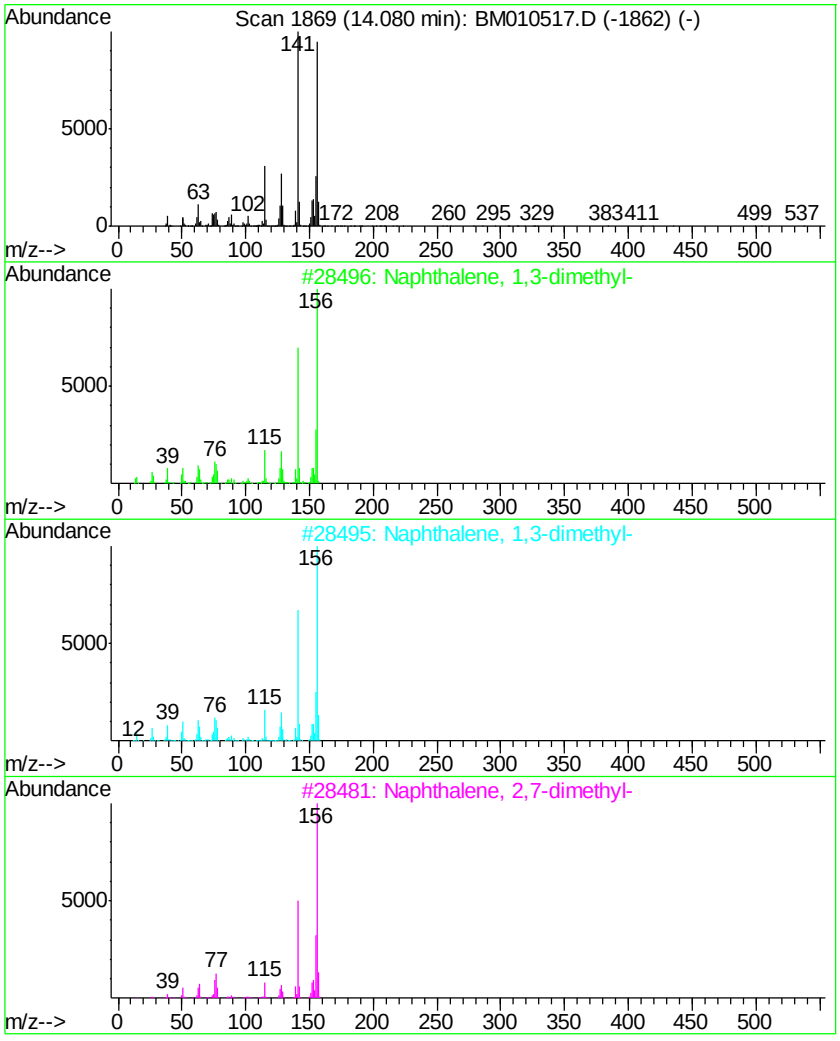
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

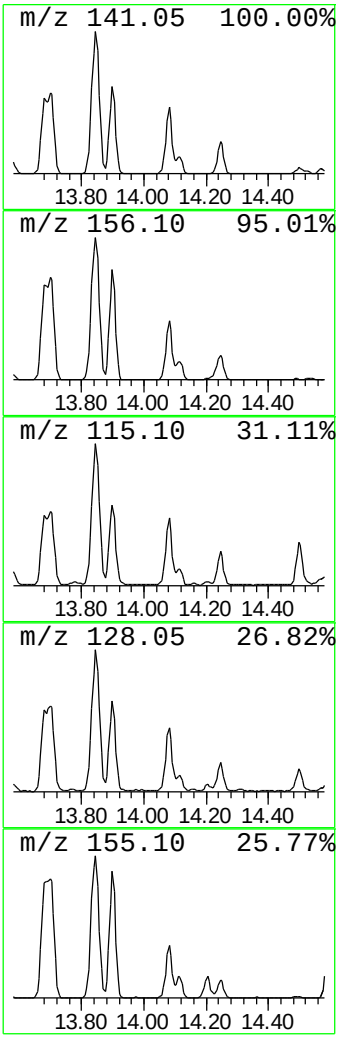
****

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	16.06 ng/ul	5662140	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
Operator : SJ/MA
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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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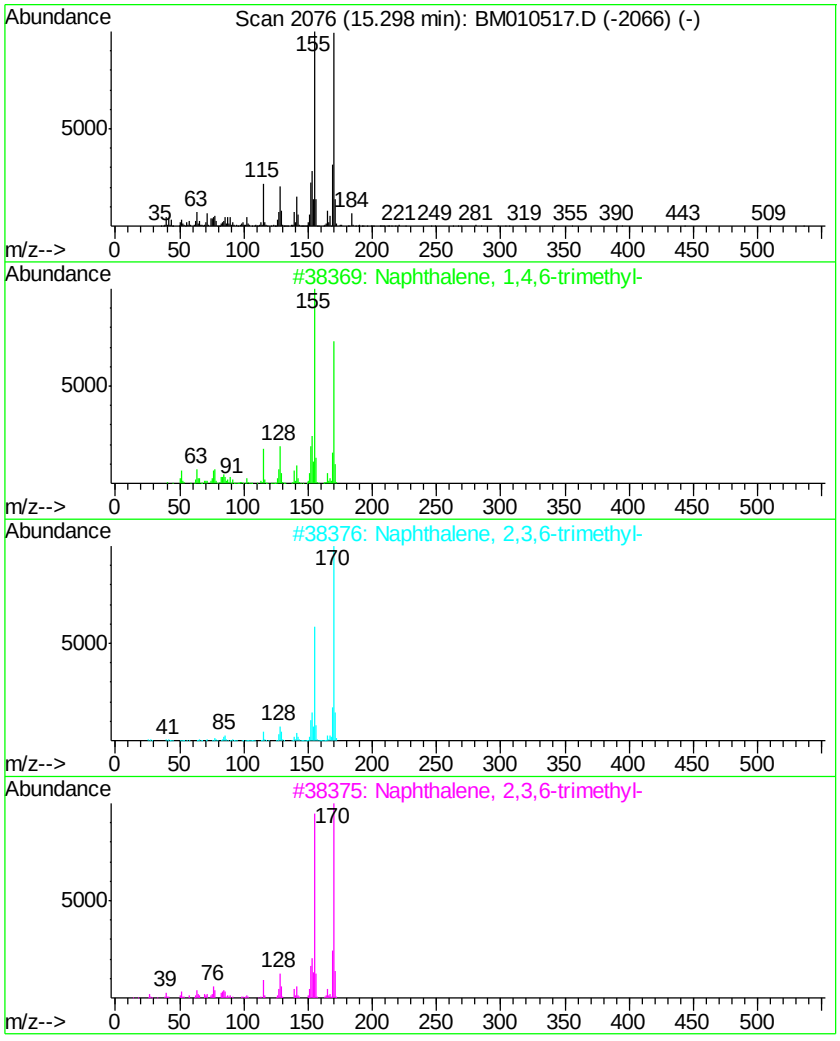
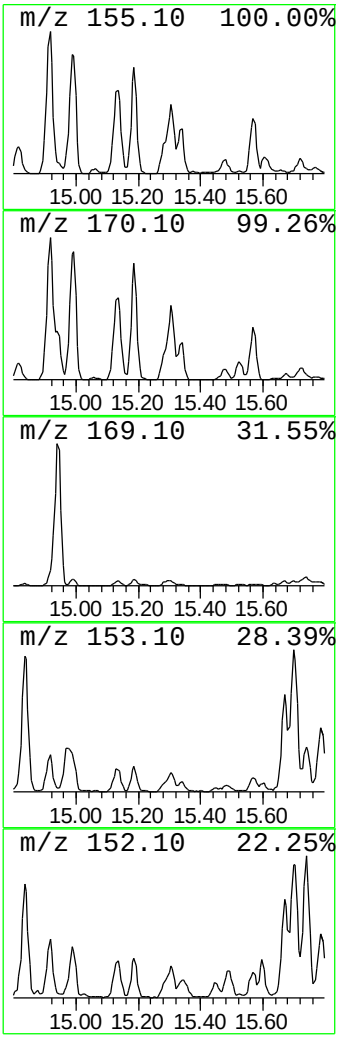
Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	10.73 ng/ul	3780490	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
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Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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

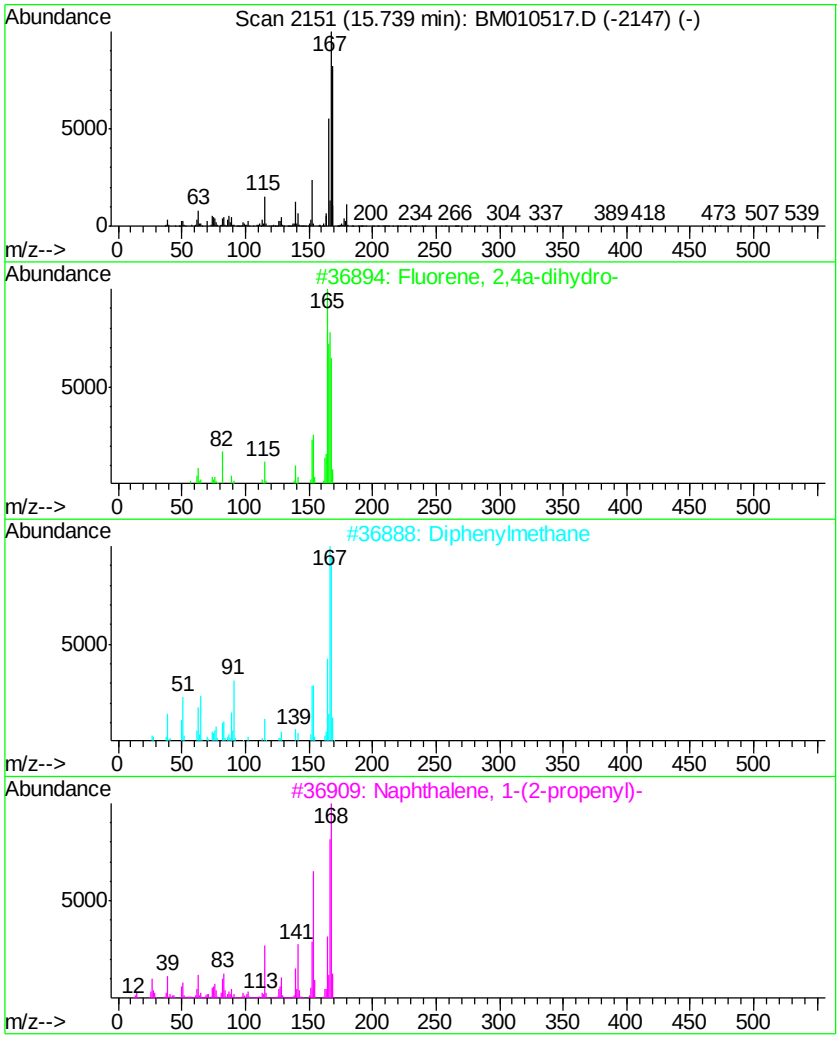
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

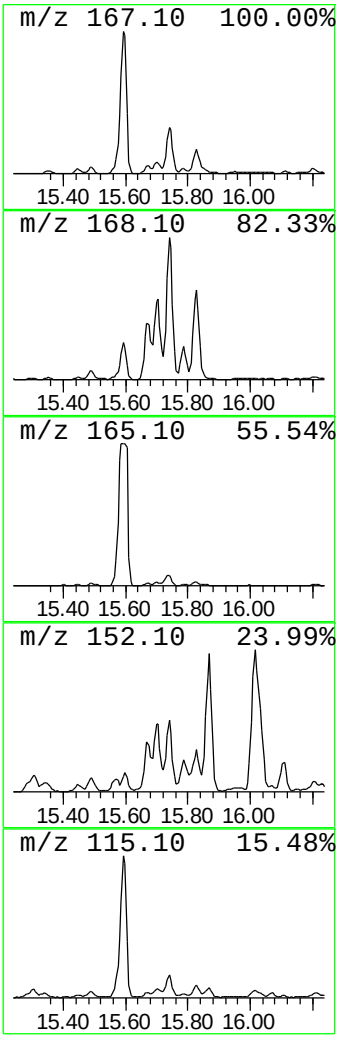
****

Peak Number 8 Fluorene, 2,4a-dihydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	18.80 ng/ul	6627400	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	89
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4	Diphenylmethane	168	C13H12	000101-81-5	68
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60





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Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
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Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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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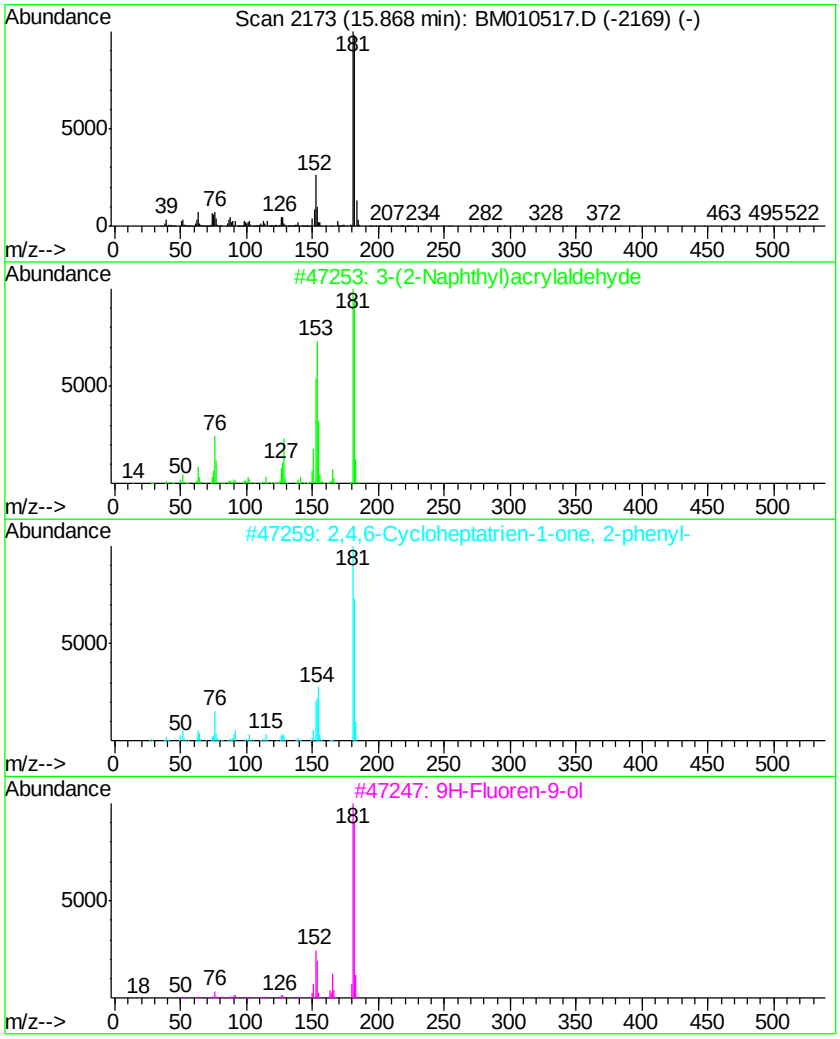
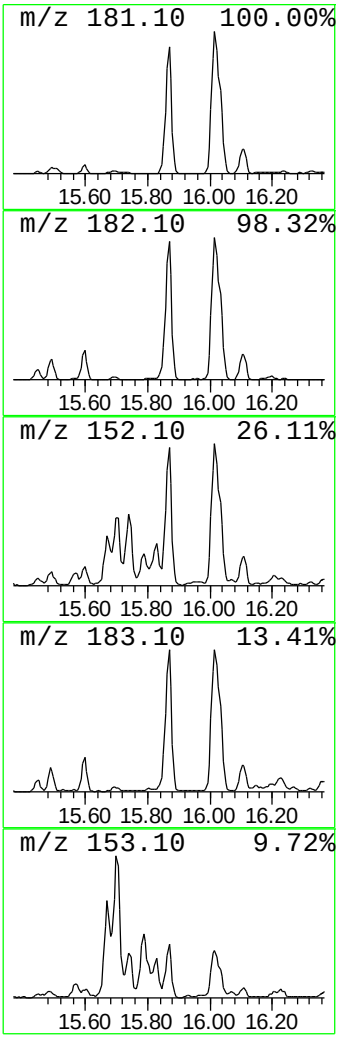
Peak Number 9 3-(2-Naphthyl)acrylaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	31.76 ng/ul	11195600	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010517.D
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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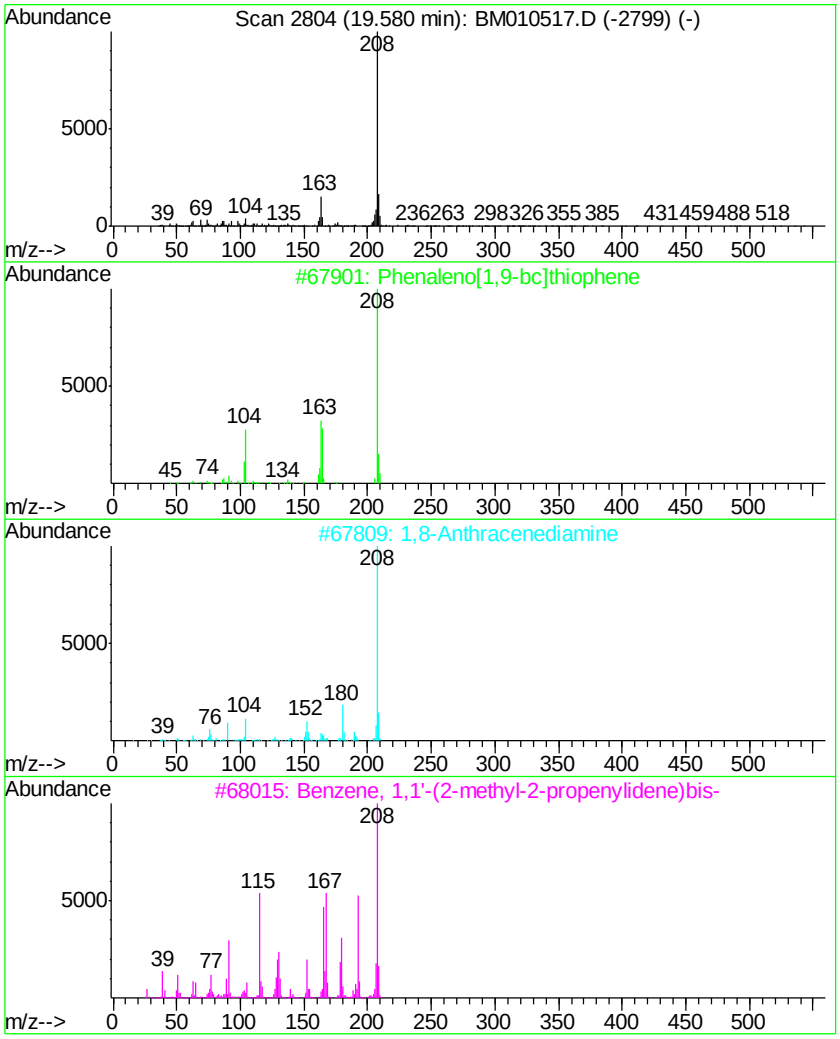
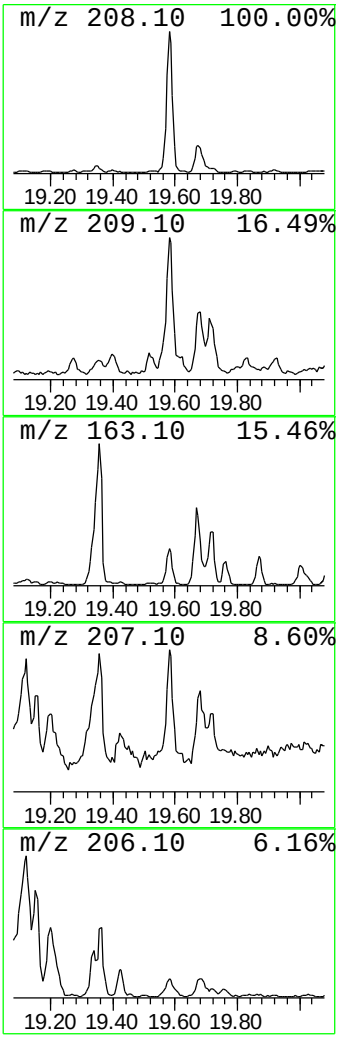
Peak Number 10 Phenaleno[1,9-bc]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.02 ng/ul	5828350	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	72
2	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	64
3	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	59
4	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	53
5	2,4,7-Pteridinetriol, 6-ethyl-	208	C8H8N4O3	031053-47-1	50





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Data File : BM010517.D
Acq On : 11 Jun 2017 10:10
Operator : SJ/MA
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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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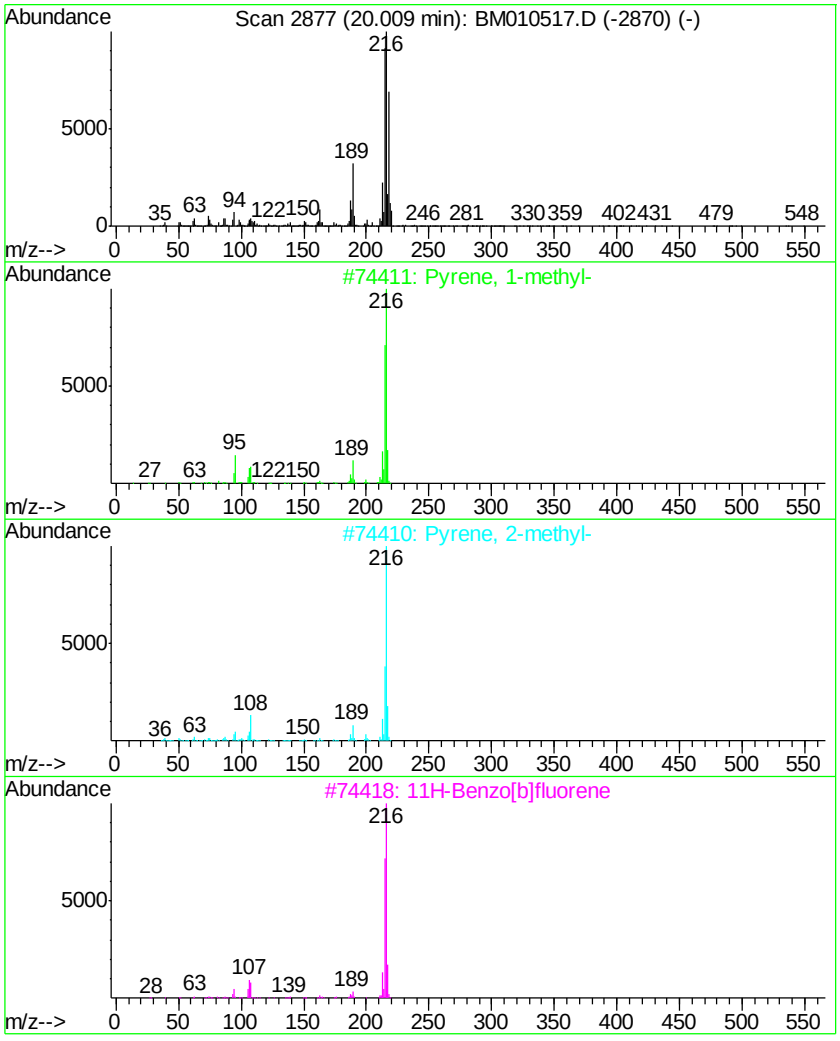
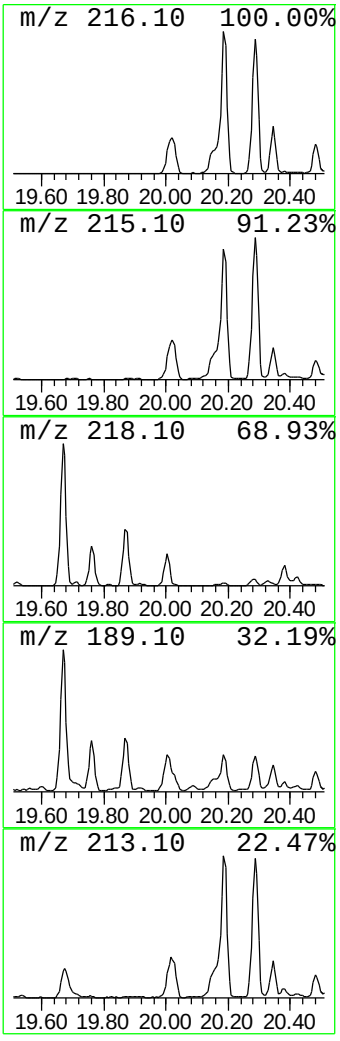
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	3.98 ng/ul	11470300	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Sample : I3558-09
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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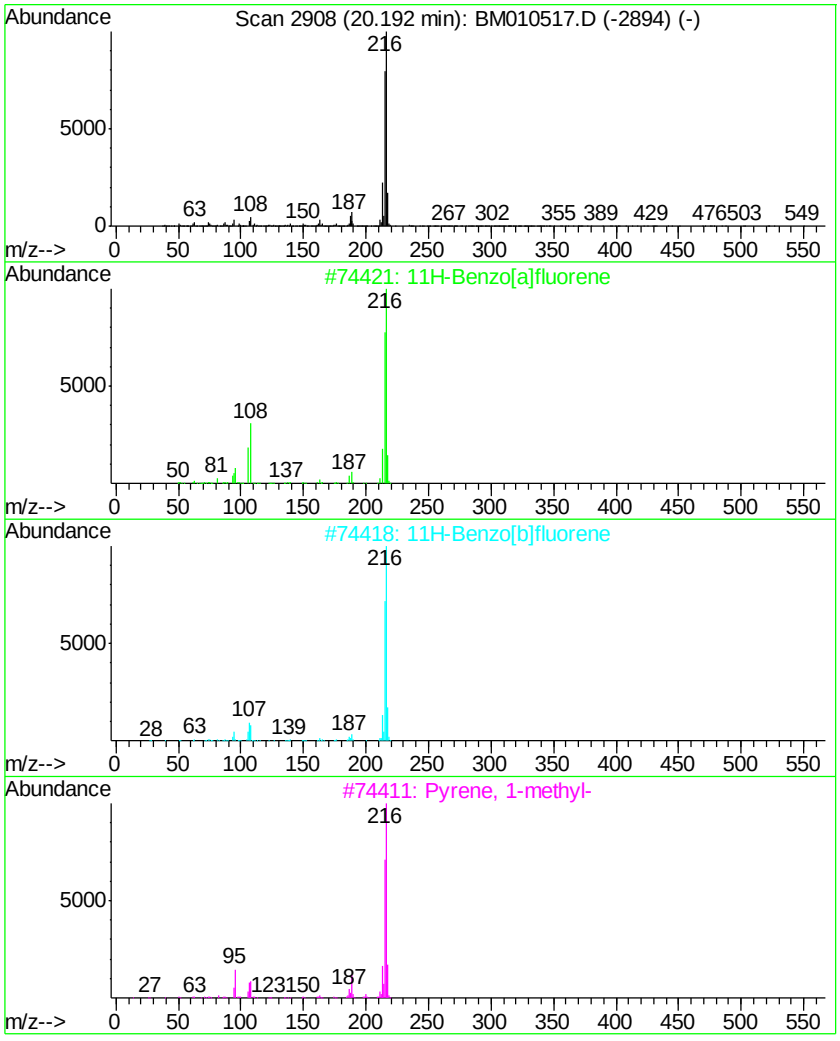
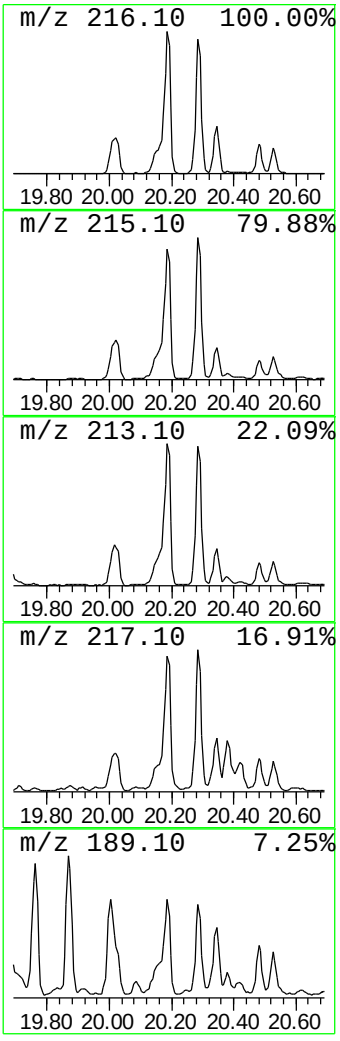
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	8.53 ng/ul	24549000	Chrysene-d12	21.45

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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Quant Title : SVOA CALIBRATION

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

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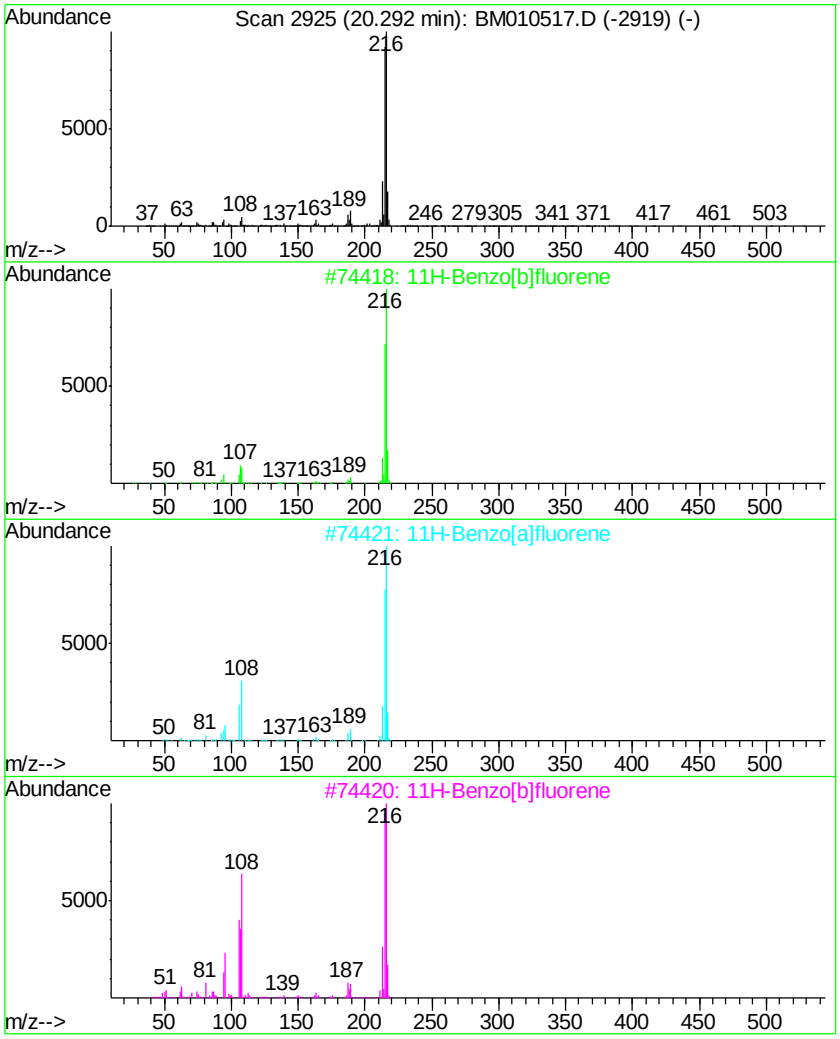
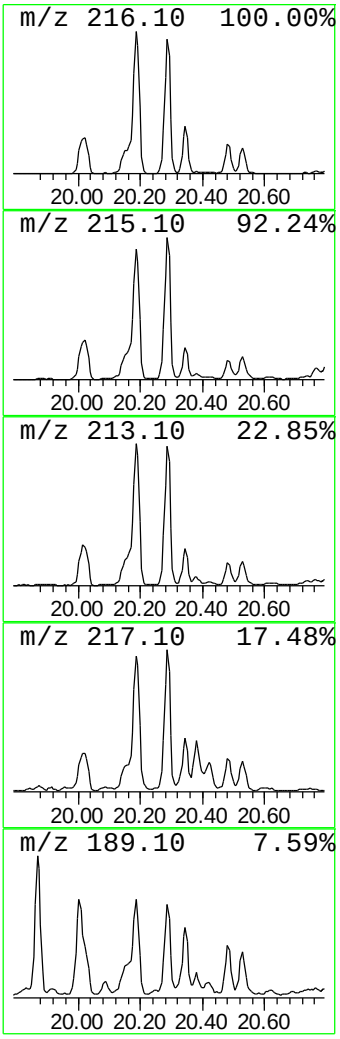
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	6.31 ng/ul	18173600	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	1000332-58-9	83





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Sample : I3558-09
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Instrument : BNA_M
ClientSampleId : F5C63

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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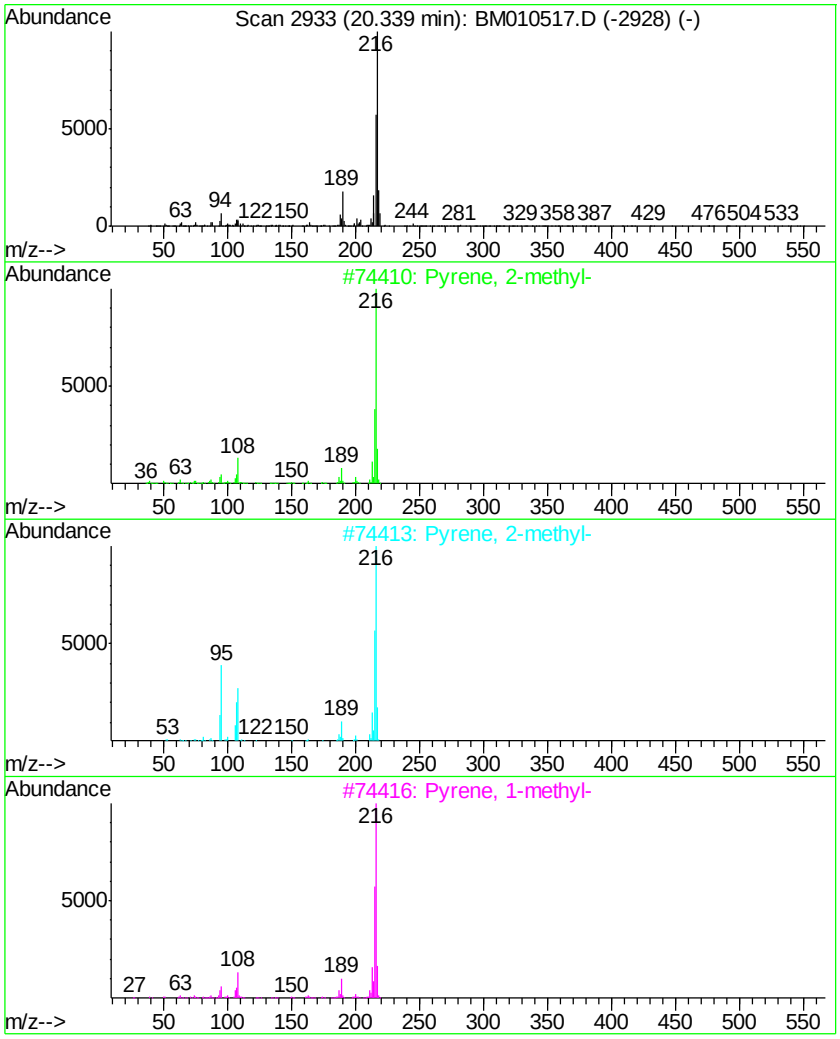
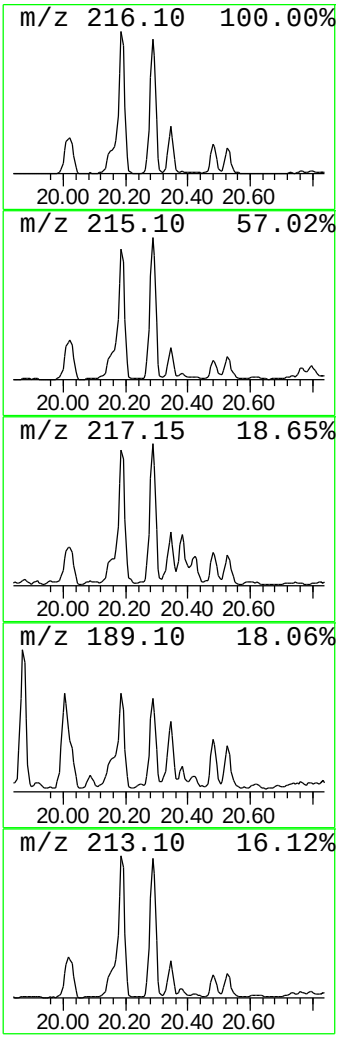
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.12 ng/ul	8978110	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Operator : SJ/MA
Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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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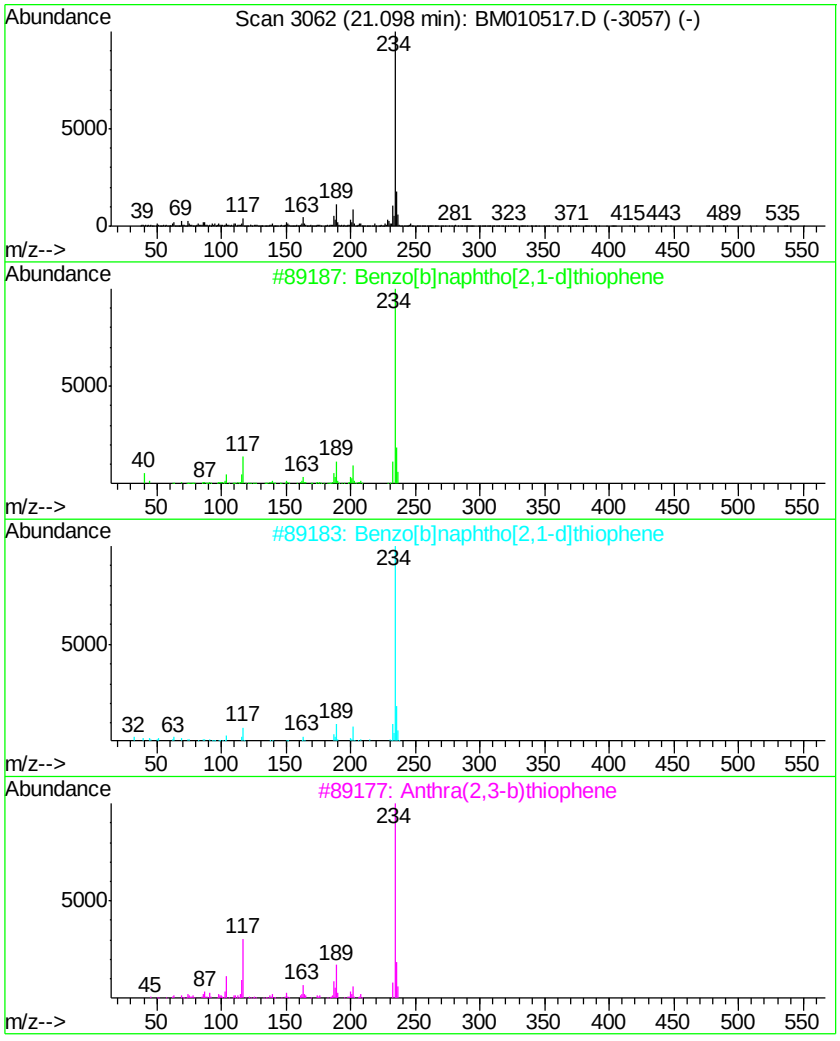
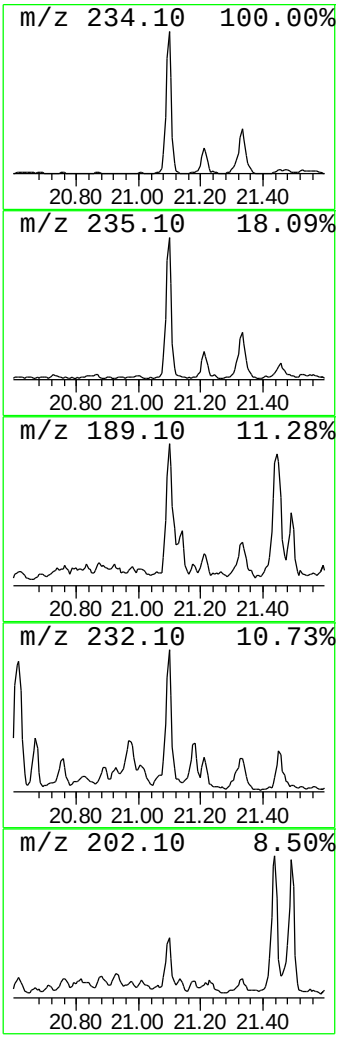
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.86 ng/ul	8225380	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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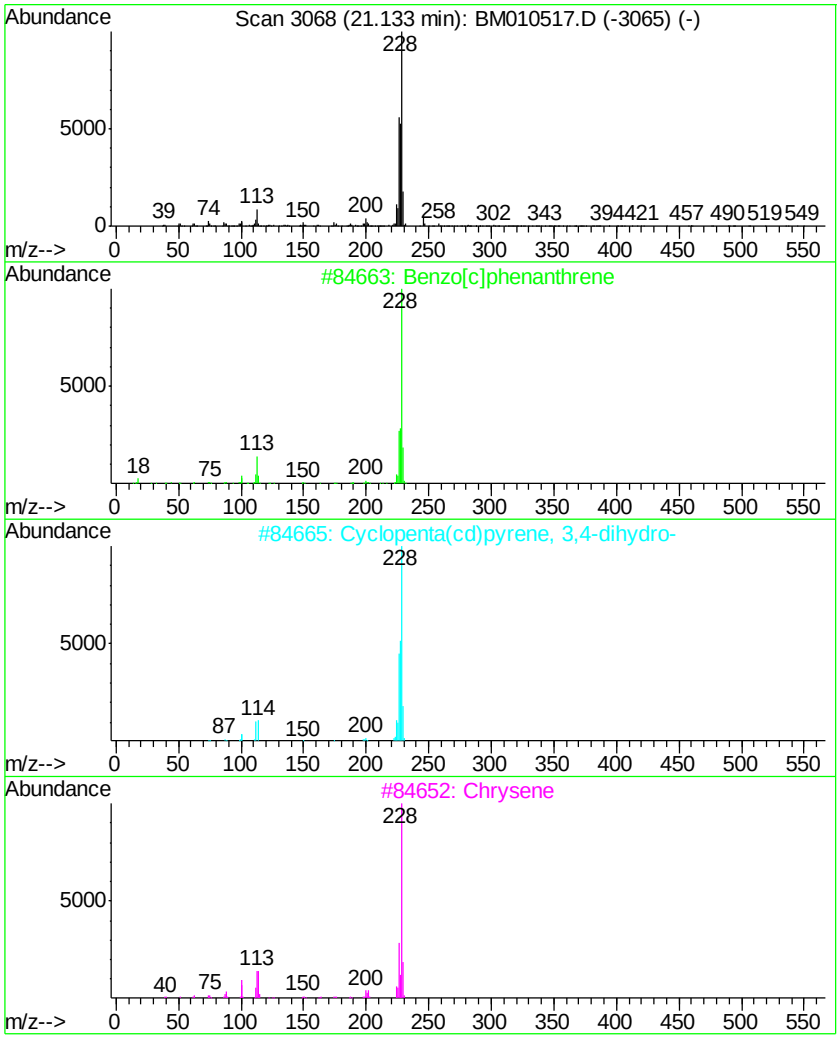
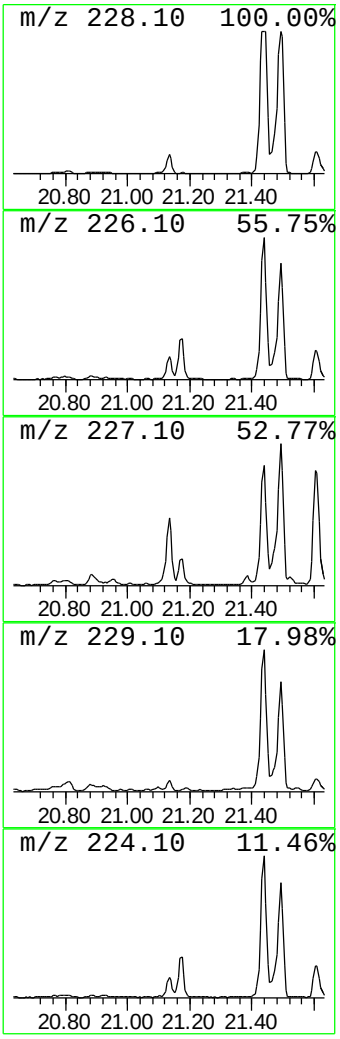
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	2.03 ng/ul	5842350	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	58
3	Chrysene	228	C18H12	000218-01-9	50
4	Benz[a]anthracene	228	C18H12	000056-55-3	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49





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Acq On : 11 Jun 2017 10:10
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Sample : I3558-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C63

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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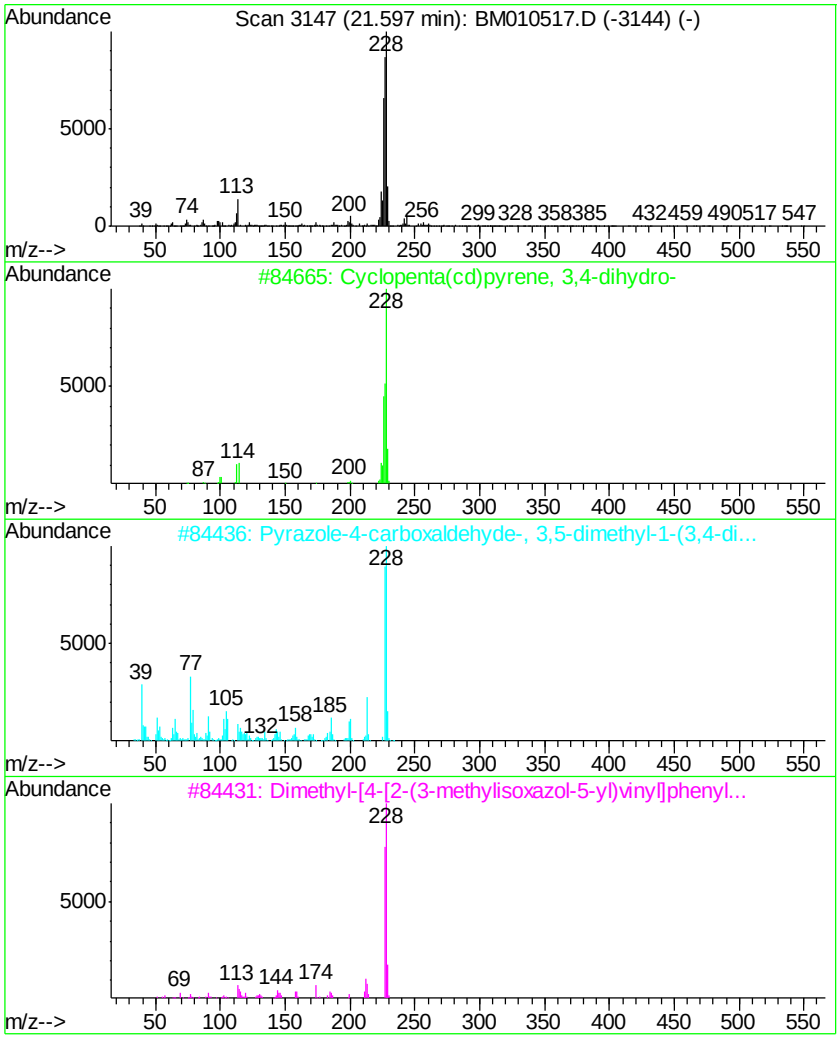
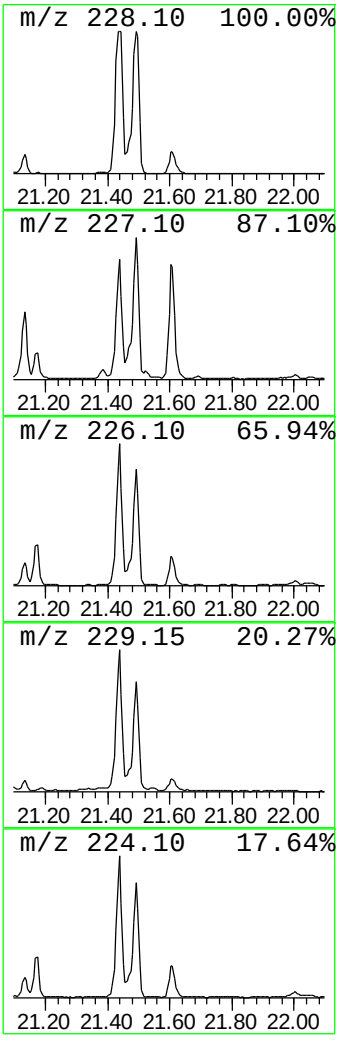
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	2.71 ng/ul	7795470	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	9-Borabicyclo[3.3.1]nonane, 9-[(...	228	C14H21BN2	1000162-55-4	43
5	Naphthacene	228	C18H12	000092-24-0	41





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Instrument : BNA_M
ClientSampleId : F5C63

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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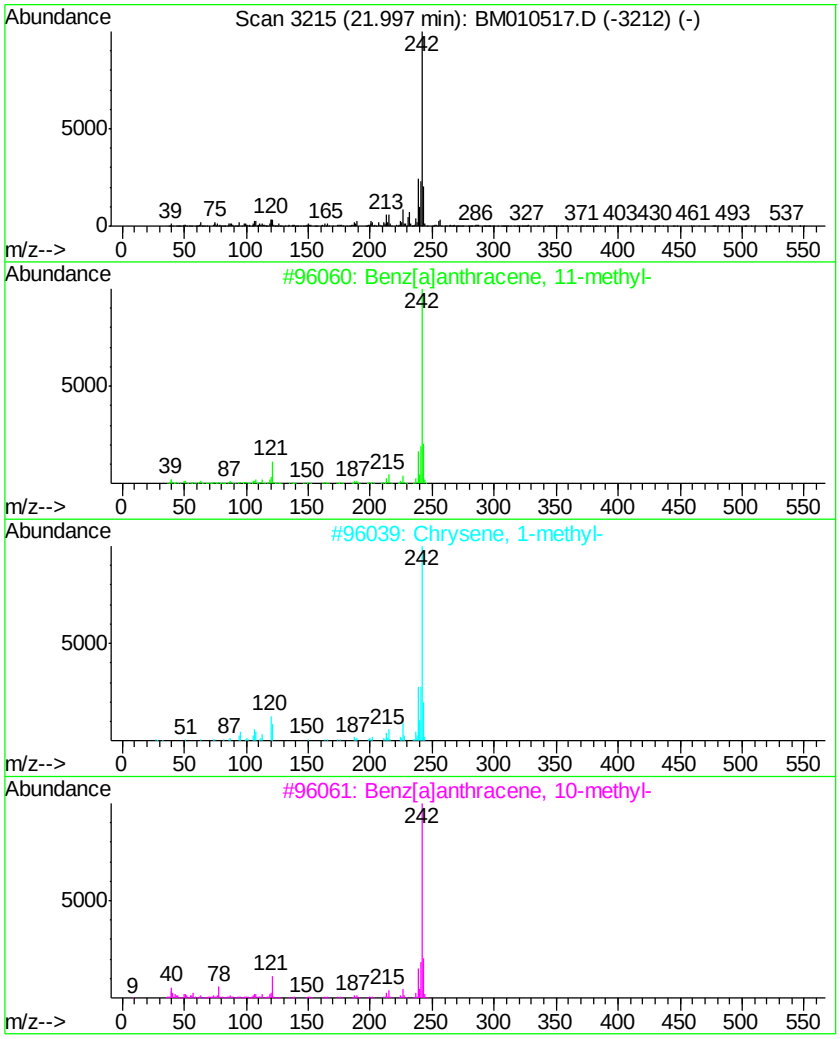
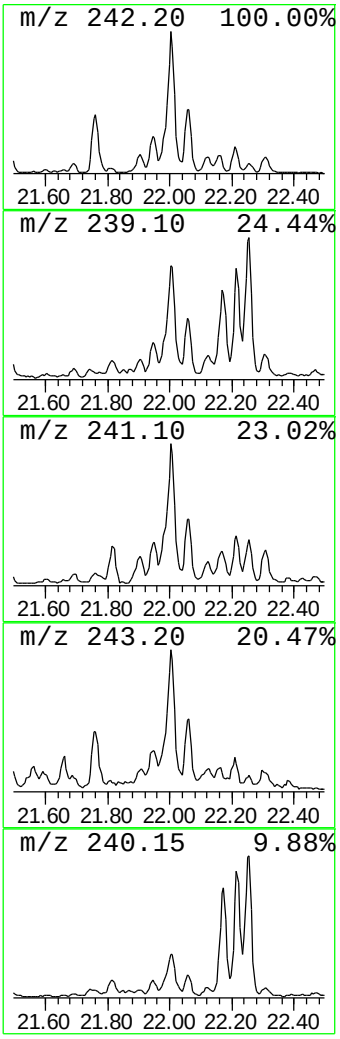
Peak Number 18 Benz[a]anthracene, 11-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.40 ng/ul	6904100	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	95
4	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	95
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





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Instrument : BNA_M
ClientSampleId : F5C63

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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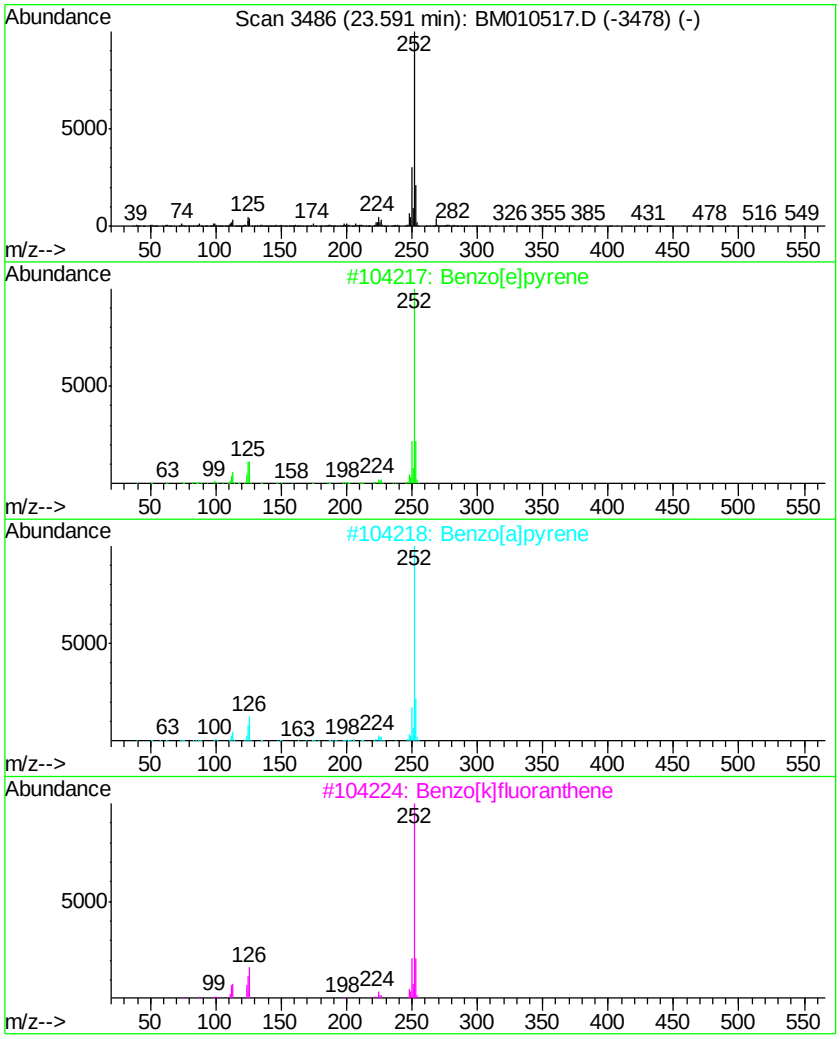
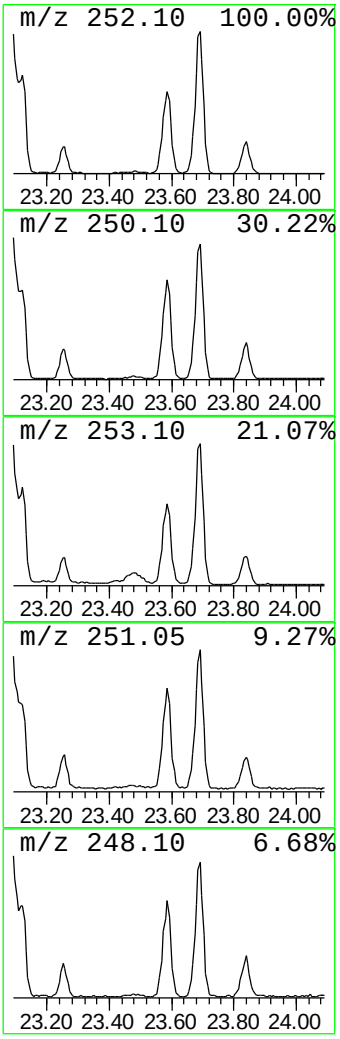
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	46.11 ng/ul	10893400	Perylene-d12	23.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

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Operator : SJ/MA
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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
Naphthalene, 1-me...	12.57	3.6	ng/ul	26590100	2	10.70	146096000	20.0
Naphthalene, 2-et...	13.55	17.3	ng/ul	6091980	3	14.53	7049160	20.0
Naphthalene, 2,7-...	13.68	19.0	ng/ul	6695090	3	14.53	7049160	20.0
Naphthalene, 1,3-...	14.08	16.1	ng/ul	5662140	3	14.53	7049160	20.0
Naphthalene, 1,4,...	15.30	10.7	ng/ul	3780490	3	14.53	7049160	20.0
Fluorene, 2,4a-di...	15.74	18.8	ng/ul	6627400	3	14.53	7049160	20.0
3-(2-Naphthyl)acr...	15.87	31.8	ng/ul	11195600	3	14.53	7049160	20.0
Phenaleno[1,9-bc]...	19.58	2.0	ng/ul	5828350	5	21.45	57568200	20.0
Pyrene, 1-methyl-	20.01	4.0	ng/ul	11470300	5	21.45	57568200	20.0
11H-Benzo[a]fluorene	20.19	8.5	ng/ul	24549000	5	21.45	57568200	20.0
11H-Benzo[b]fluorene	20.29	6.3	ng/ul	18173600	5	21.45	57568200	20.0
Pyrene, 2-methyl-	20.34	3.1	ng/ul	8978110	5	21.45	57568200	20.0
Benzo[b]naphtho[2...	21.10	2.9	ng/ul	8225380	5	21.45	57568200	20.0
Benzo[c]phenanthrene	21.13	2.0	ng/ul	5842350	5	21.45	57568200	20.0
Cyclopenta(cd)pyr...	21.60	2.7	ng/ul	7795470	5	21.45	57568200	20.0
Benz[a]anthracene...	22.00	2.4	ng/ul	6904100	5	21.45	57568200	20.0
Benzo[e]pyrene	23.59	46.1	ng/ul	10893400	6	23.79	4724740	20.0