LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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	8.245	869	877	884	rBV	5929012	9133064	1.23%	0.218%
2	8.416	898	906	913	rBV	8022582	11848063	1.60%	0.283%
3	10.810	1284	1313	1318	rBV7	179733924	741600311	100.00%	17.724%
4	10.892	1318	1327	1335	rVB	14532877	21821283	2.94%	0.522%
5	12.374	1565	1579	1583	rBV3	128198060	264407629	35.65%	6.319%
6	12.586	1602	1615	1620	rBV2	76768661	114491809	15.44%	2.736%
7	13.363	1738	1747	1753	rBV	28558684	38360198	5.17%	0.917%
8	13.545	1772	1778	1789	rVB	7359501	12527062	1.69%	0.299%
9	13.698	1791	1804	1811	rBV	14248426	34993407	4.72%	0.836%
10	13.845	1820	1829	1833	rBV	18791595	34056759	4.59%	0.814%
11	13.898	1833	1838	1848	rVB	14051448	19295678	2.60%	0.461%
12	14.074	1862	1868	1871	rBV	7232450	9951475	1.34%	0.238%
13	14.245	1891	1897	1903	rVB3	5164343	8684704	1.17%	0.208%
14	14.504	1934	1941	1949	rBV	9011357	14308930	1.93%	0.342%
15	14.616	1949	1960	1964	rVV4	122073588	217264547	29.30%	5.192%
16	14.945	2006	2016	2020	rVV3	84641305	147241175	19.85%	3.519%
17	15.598	2117	2127	2131	rBV2	112063941	205666087	27.73%	4.915%
18	15.739	2146	2151	2155	rVB3	9835559	14352688	1.94%	0.343%
19	15.863	2168	2172	2178	rVB	15693916	20980110	2.83%	0.501%
20	16.010	2186	2197	2204	rBV	16295244	32786150	4.42%	0.784%
21	16.568	2280	2292	2297	rBV	11834301	21841248	2.95%	0.522%
22	16.792	2322	2330	2333	rBV2	3574738	7973732	1.08%	0.191%
23	16.992	2359	2364	2376	rVV2	4213498	8964364	1.21%	0.214%
24	17.098	2376	2382	2395	rVB	23148729	32841086	4.43%	0.785%
25	17.368	2408	2428	2429	rBV7	211700751	553932734	74.69%	13.239%
26	17.439	2433	2440	2446	rVV2	68309999	89967418	12.13%	2.150%
27	17.704	2473	2485	2494	rBV	23782393	38632544	5.21%	0.923%
28	18.145	2551	2560	2565	rBV	22835115	34137165	4.60%	0.816%
29	18.204	2565	2570	2577	rVB	38540475	47433833	6.40%	1.134%
30	18.280	2578	2583	2589	rBV	11678819	16542423	2.23%	0.395%
31	18.356	2589	2596	2606	rVB2	50456402	96144457	12.96%	2.298%
32	18.645	2640	2645	2651	rVB	18790909	22390713	3.02%	0.535%
33	19.051	2708	2714	2719	rBV	6032290	10683843	1.44%	0.255%
34	19.368	2756	2768	2771	rBV6	191749005	387902844	52.31%	9.271%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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	19.580	2799	2804	2814	rVB	5650251	11035610	1.49%	0.264%
36	19.727	2814	2829	2832	rBV5	156434941	347332486	46.84%	8.301%
37	19.762	2832	2835	2838	rVB2	7485641	9190134	1.24%	0.220%
38	19.868	2849	2853	2857	rVB	9469140	11471375	1.55%	0.274%
39	20.003	2870	2876	2884	rVB2	8804949	20301206	2.74%	0.485%
40	20.186	2894	2907	2912	rVB	32914084	53580692	7.23%	1.281%
41	20.286	2918	2924	2928	rBV	36786272	51367550	6.93%	1.228%
42	20.345	2931	2934	2937	rVV	9036896	11733490	1.58%	0.280%
43	20.527	2961	2965	2971	rVB2	5020925	7523104	1.01%	0.180%
44	21.092	3057	3061	3064	rBV	9417519	12650380	1.71%	0.302%
45	21.133	3064	3068	3071	rVV	8978758	12195619	1.64%	0.291%
46	21.174	3071	3075	3078	rVV2	6351800	9150923	1.23%	0.219%
47	21.439	3112	3120	3125	rVV3	66703202	113226541	15.27%	2.706%
48	21.492	3125	3129	3133	rVB	48882711	59205003	7.98%	1.415%
49	21.603	3144	3148	3154	rBV	10502628	14204588	1.92%	0.339%
50	22.003	3210	3216	3220	rVV	6552014	11427184	1.54%	0.273%
51	23.080	3391	3399	3403	rBV	16610658	38344742	5.17%	0.916%
52	23.580	3478	3484	3491	rVB	7747740	13707705	1.85%	0.328%
53	23.686	3494	3502	3508	rBV	13726625	25568785	3.45%	0.611%
54	26.150	3914	3921	3930	rVB	2898585	7851932	1.06%	0.188%

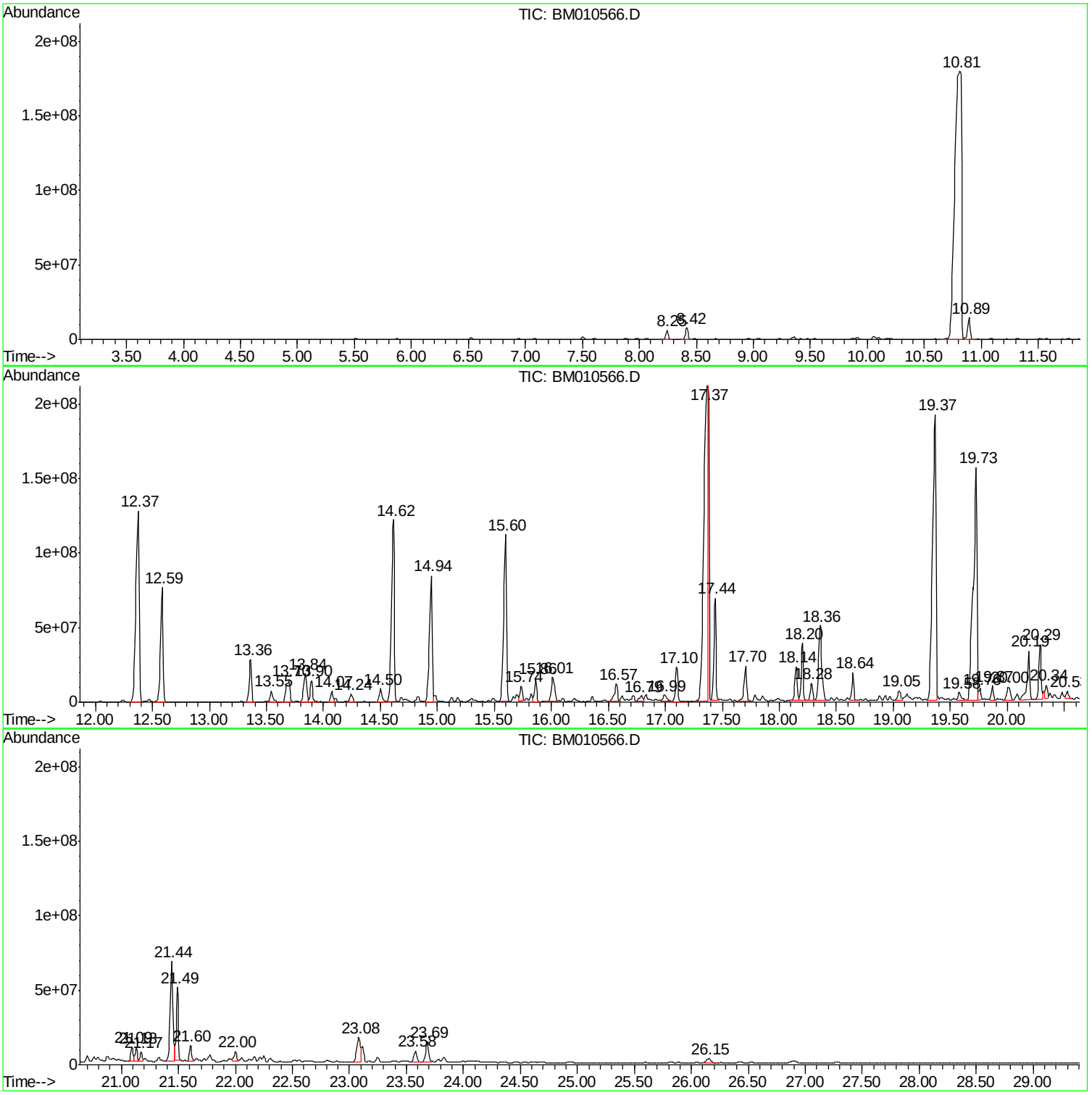
Sum of corrected areas: 4184228582

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C88

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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

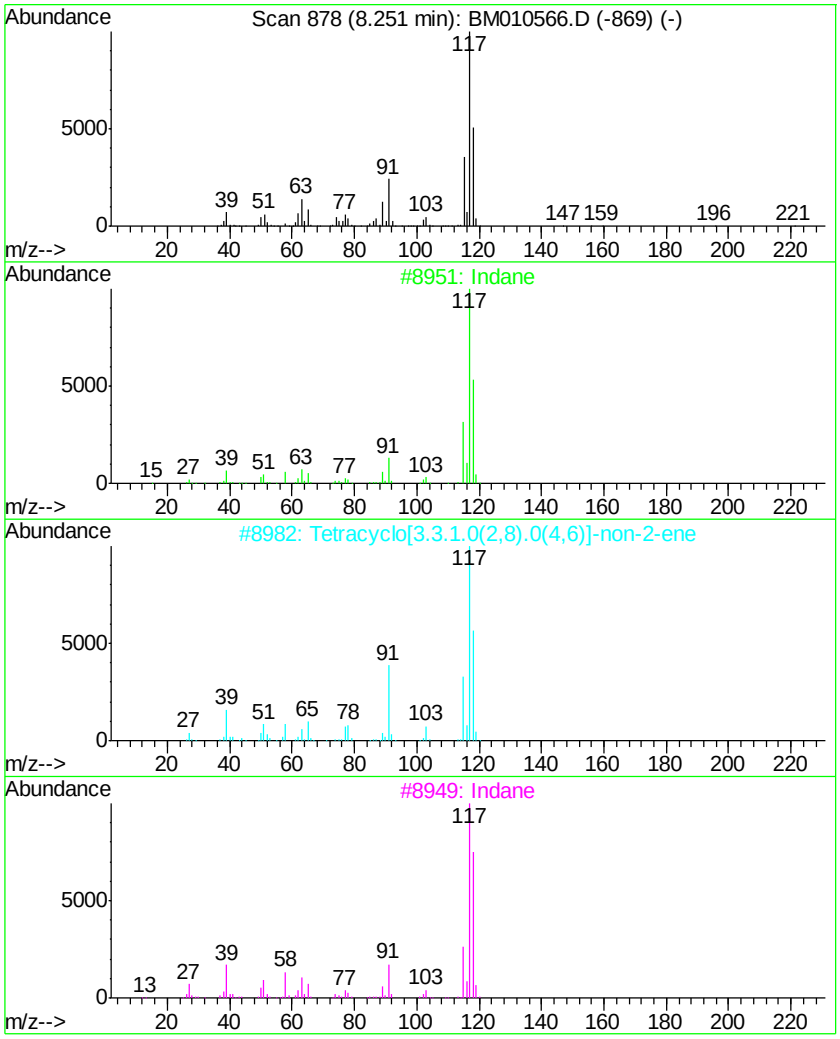
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

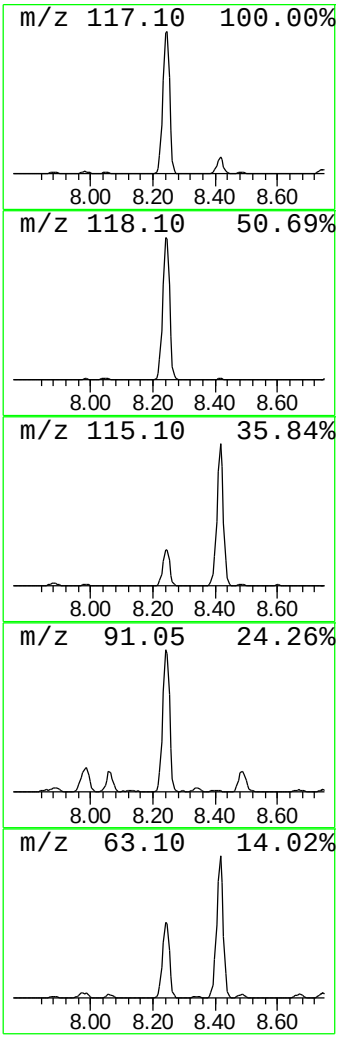
****

Peak Number 1 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	20.00 ng/ul	9133060	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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

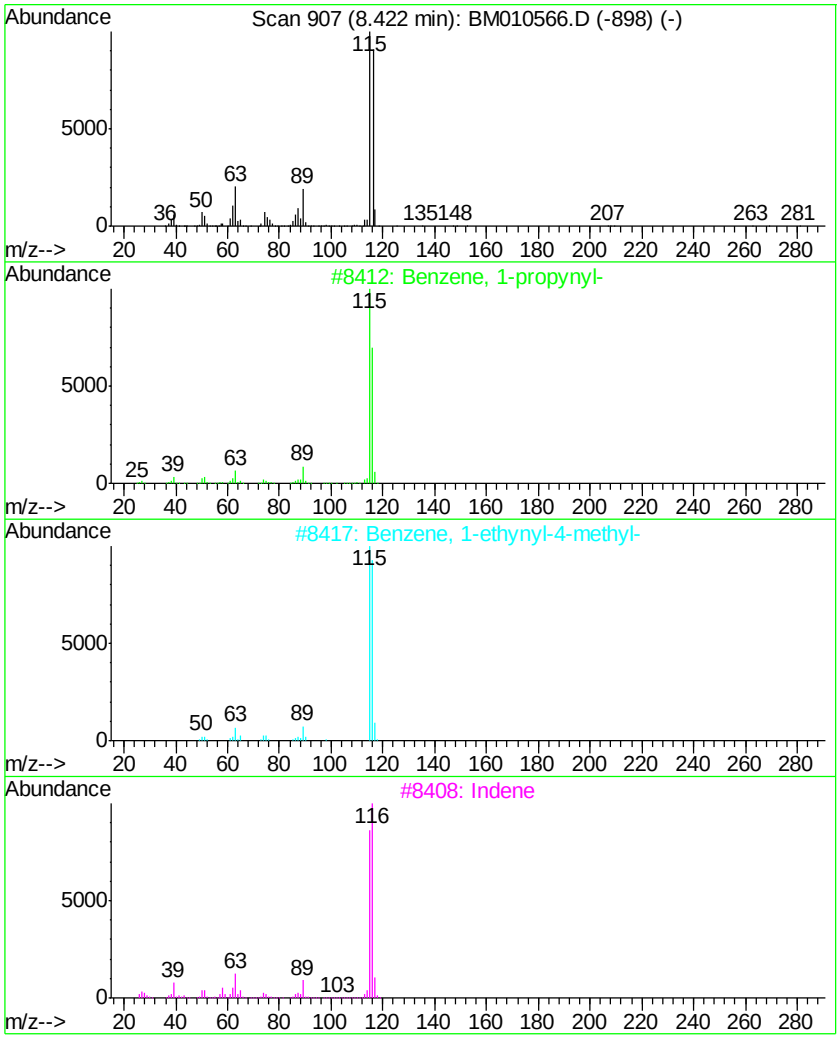
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

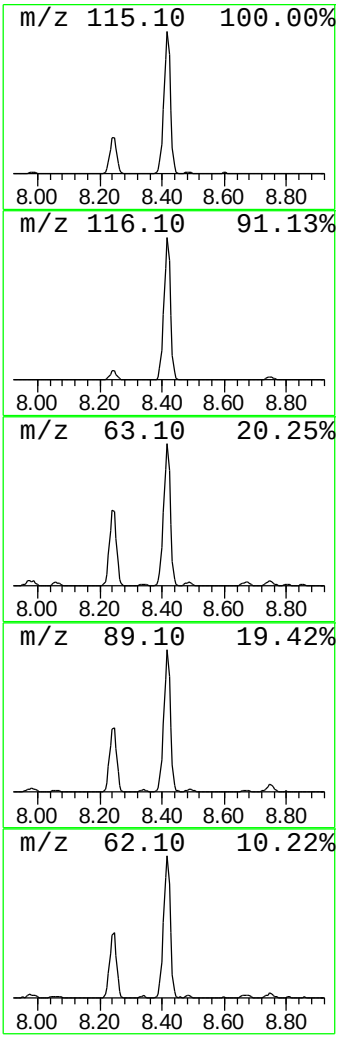
****

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	25.95 ng/ul	11848100	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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

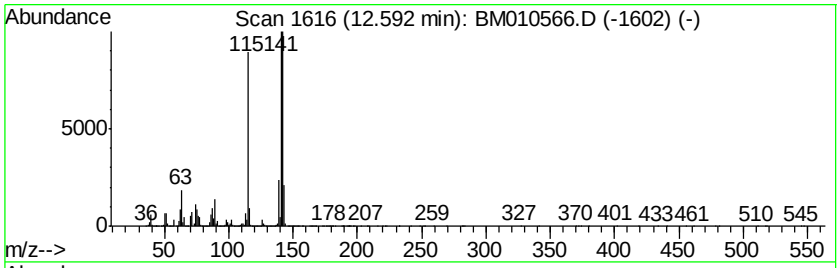
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

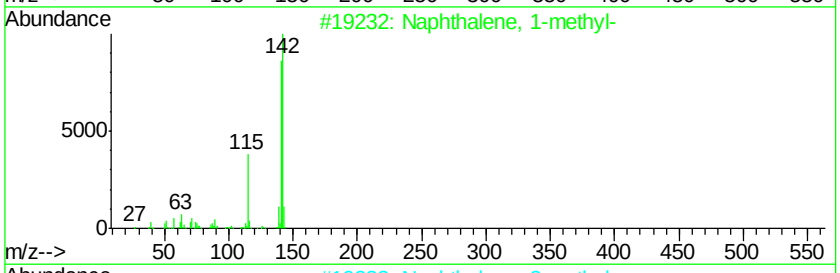
****

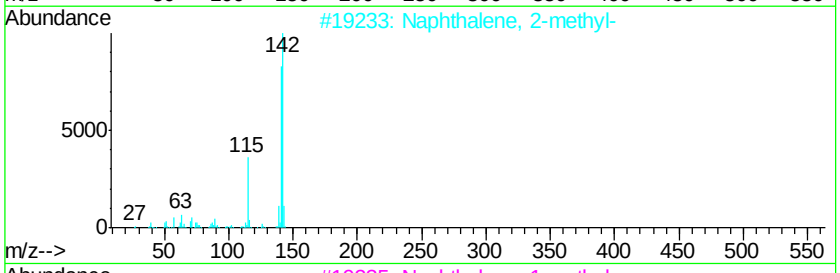
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 12

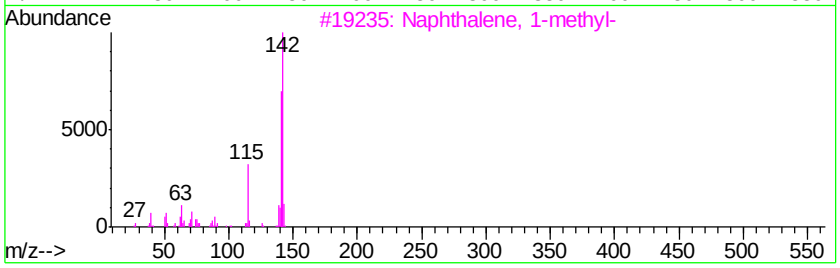
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.09 ng/ul	114492000	Naphthalene-d8	10.76

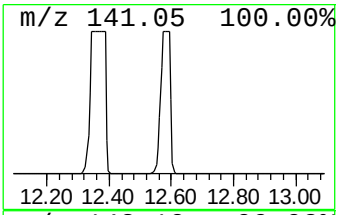
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	93

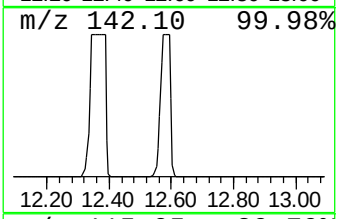


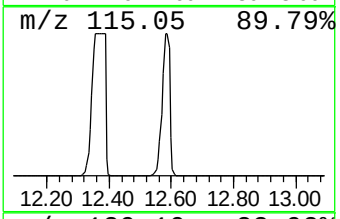


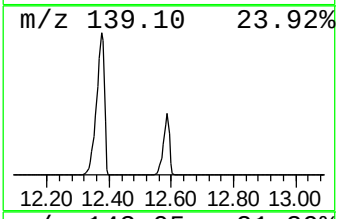


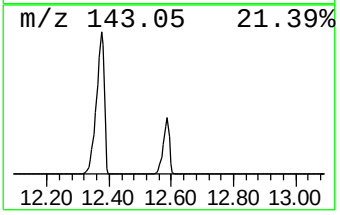












Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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

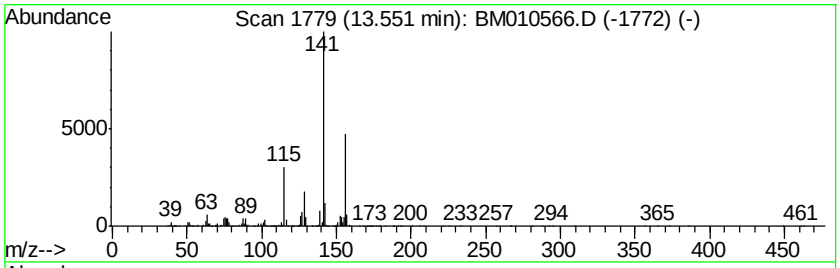
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

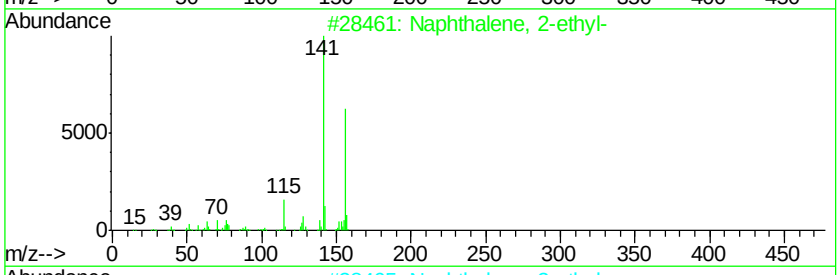
****

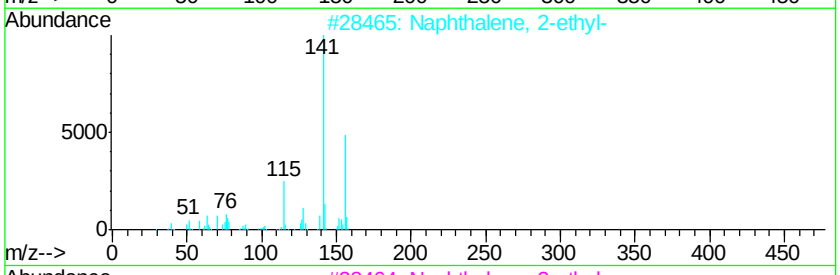
Peak Number 4 Naphthalene, 2-ethyl- Concentration Rank 6

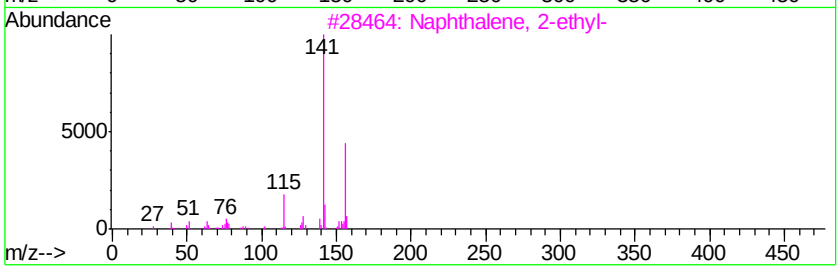
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	17.51 ng/ul	12527100	Acenaphthene-d10	14.53

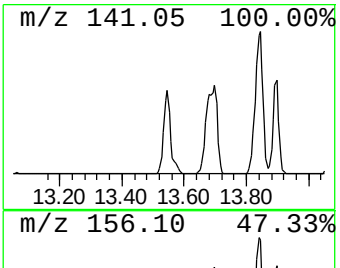
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91

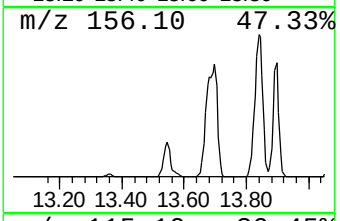


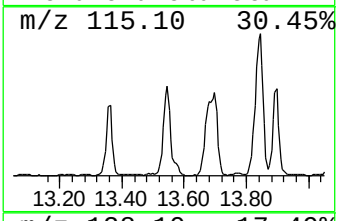


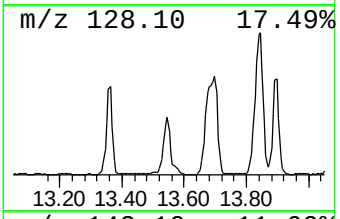


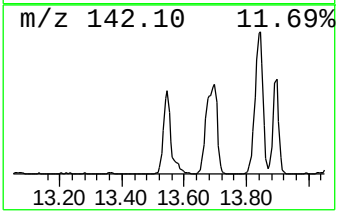












Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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

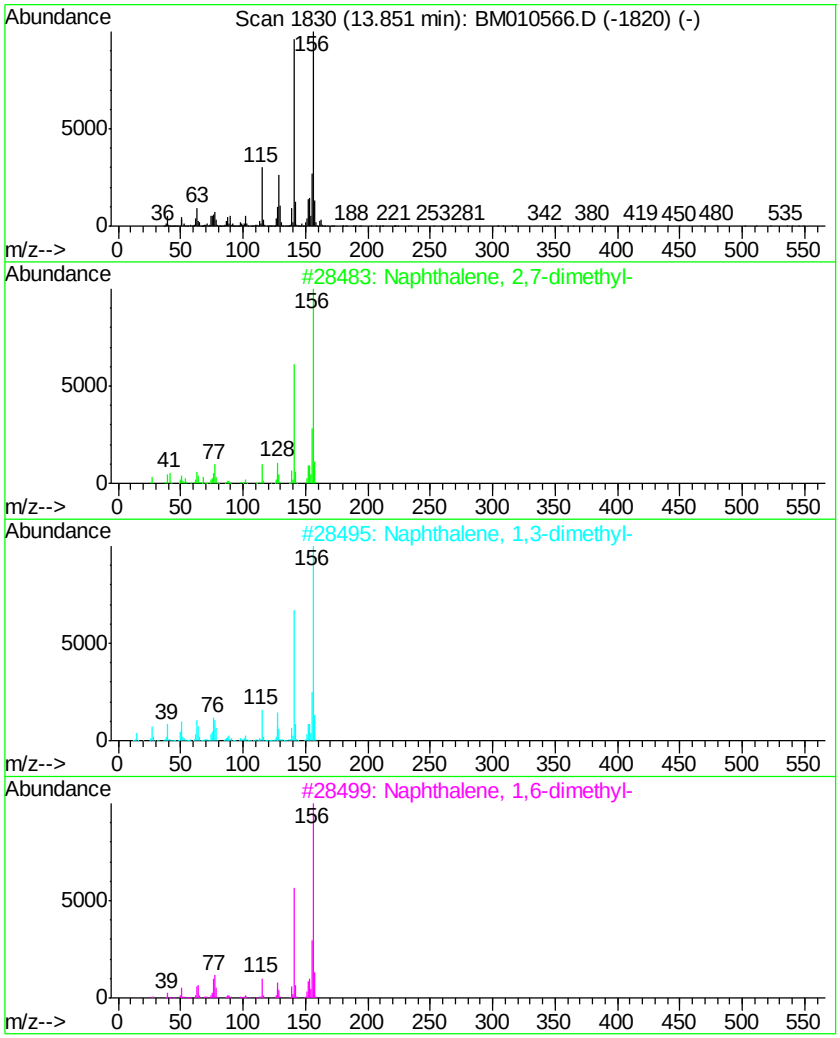
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

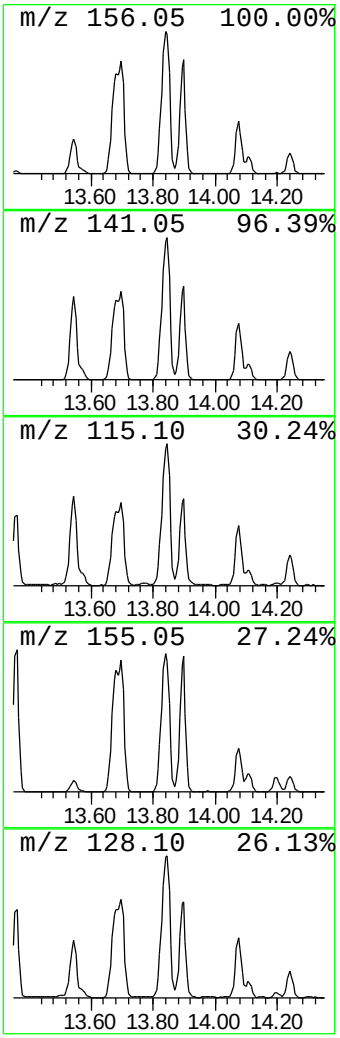
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	47.60 ng/ul	34056800	Acenaphthene-d10	14.53

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





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Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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Quant Title : SVOA CALIBRATION

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

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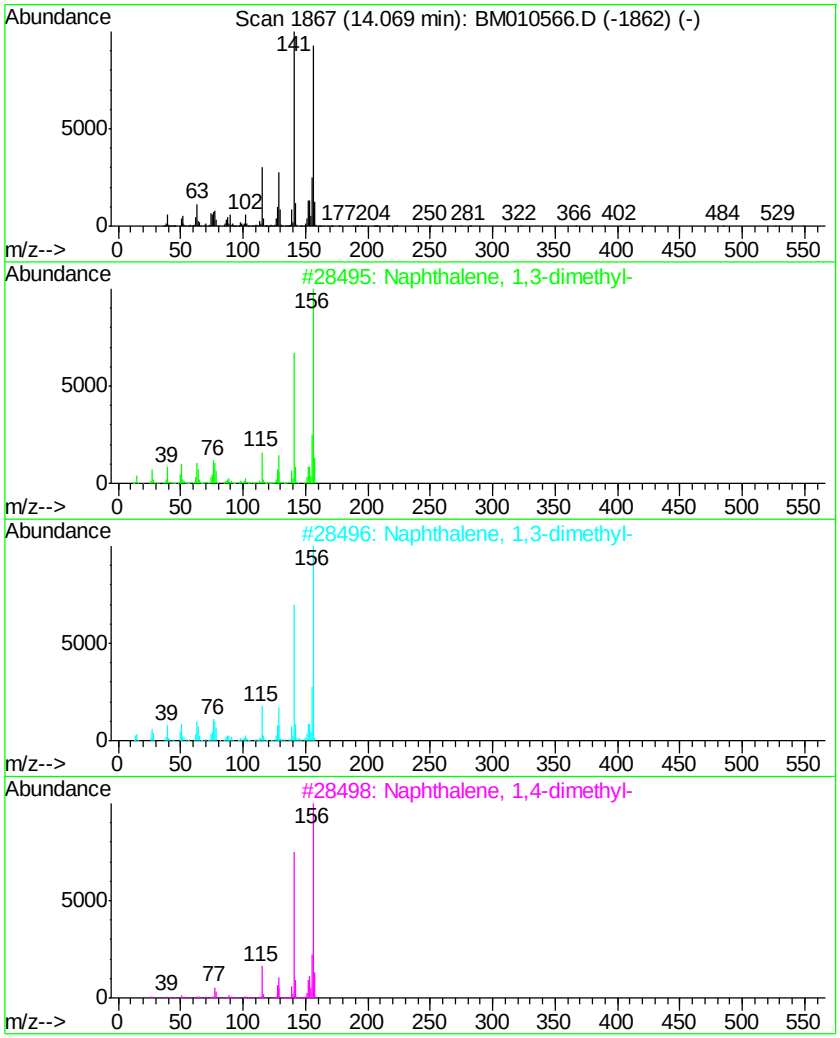
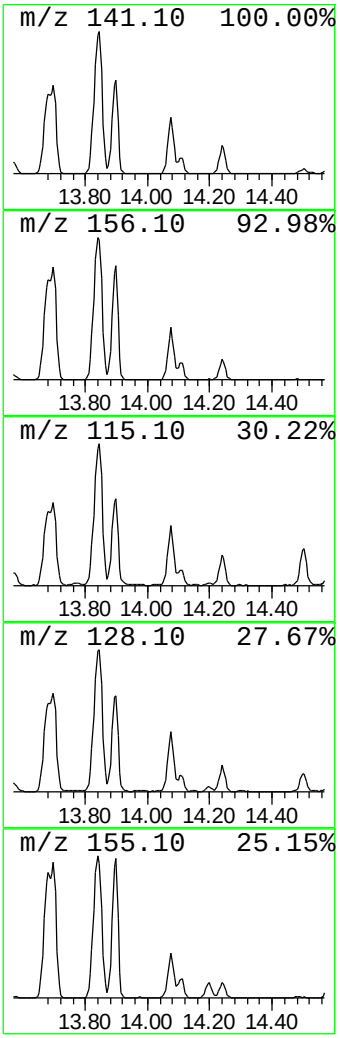
Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	13.91 ng/ul	9951480	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	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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Quant Title : SVOA CALIBRATION

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

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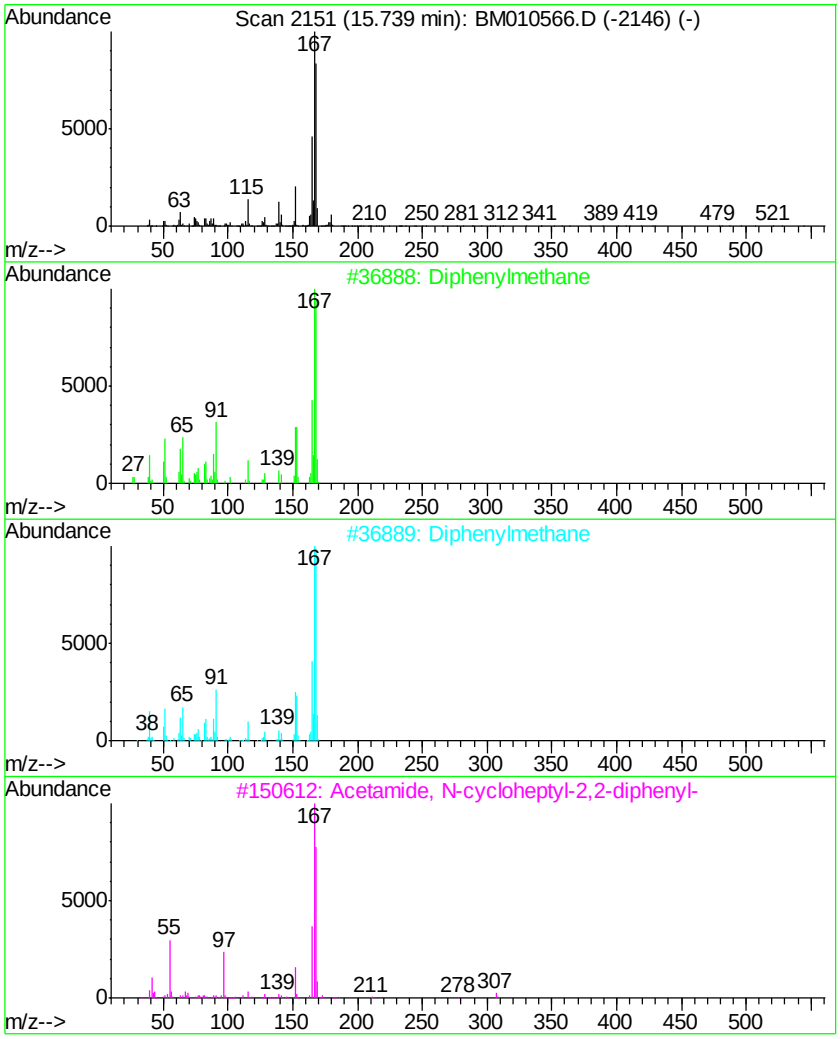
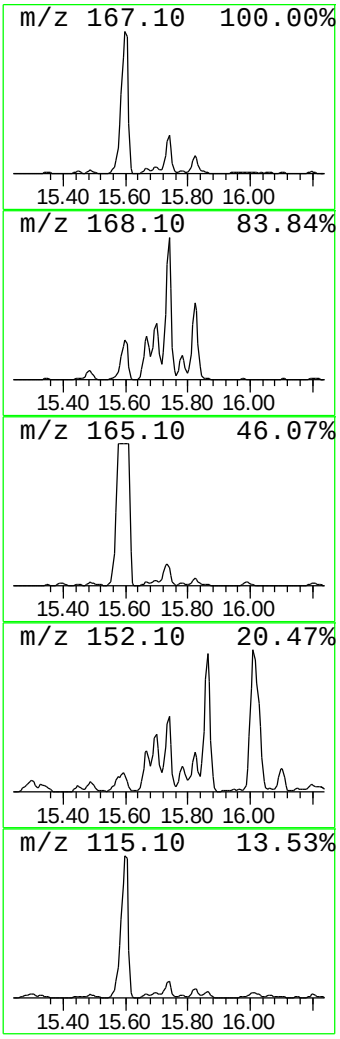
Peak Number 7 Diphenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	20.06 ng/ul	14352700	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	81
2	Diphenylmethane	168	C13H12	000101-81-5	74
3	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	72
4	Nordiphenamid	225	C15H15NO	000954-21-2	72
5	Diphenylmethane	168	C13H12	000101-81-5	59





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Quant Title : SVOA CALIBRATION

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

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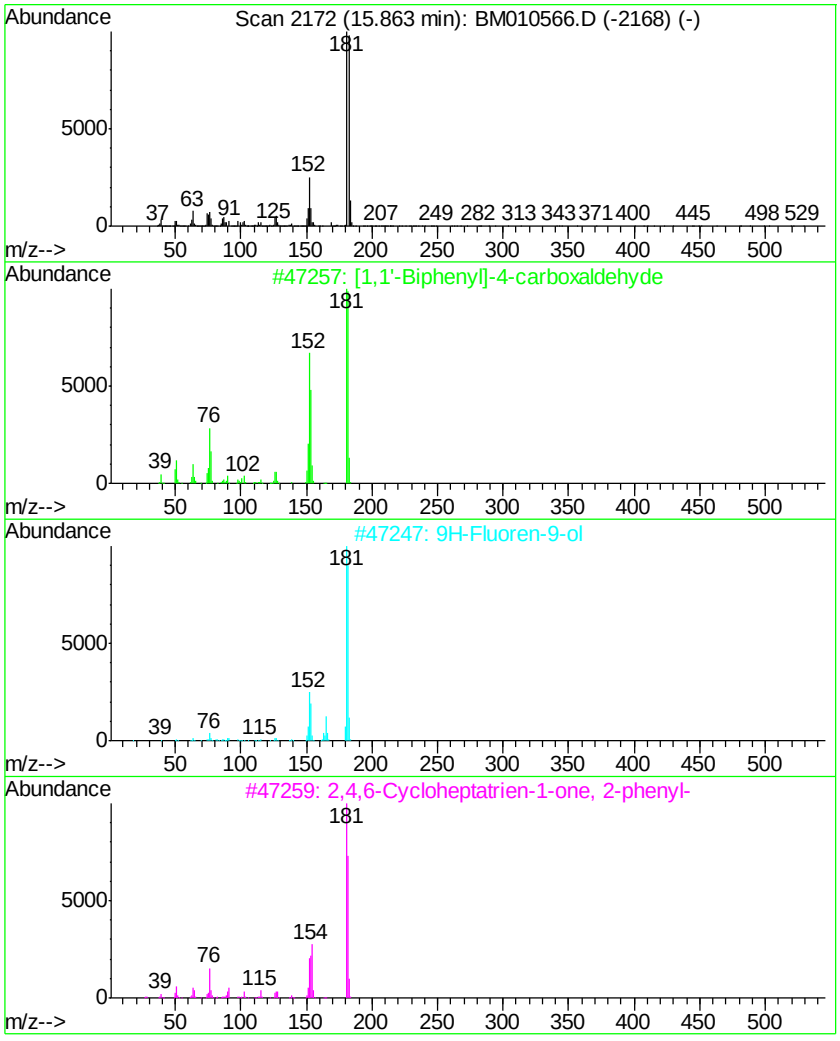
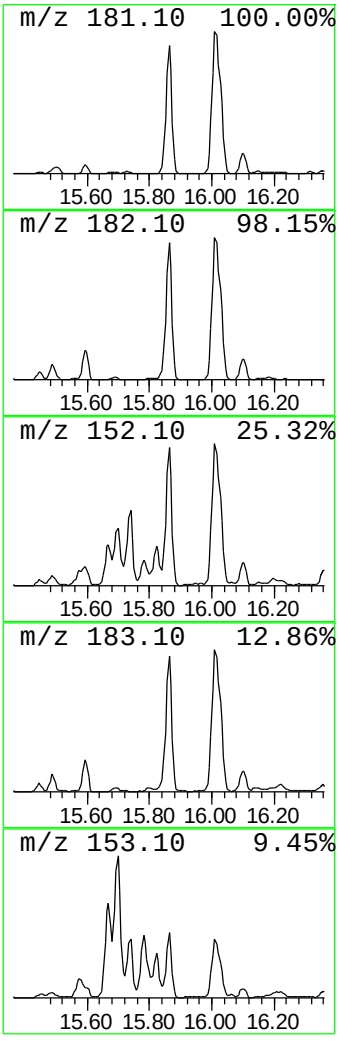
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	29.32 ng/ul	20980100	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : F5C88

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Quant Title : SVOA CALIBRATION

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

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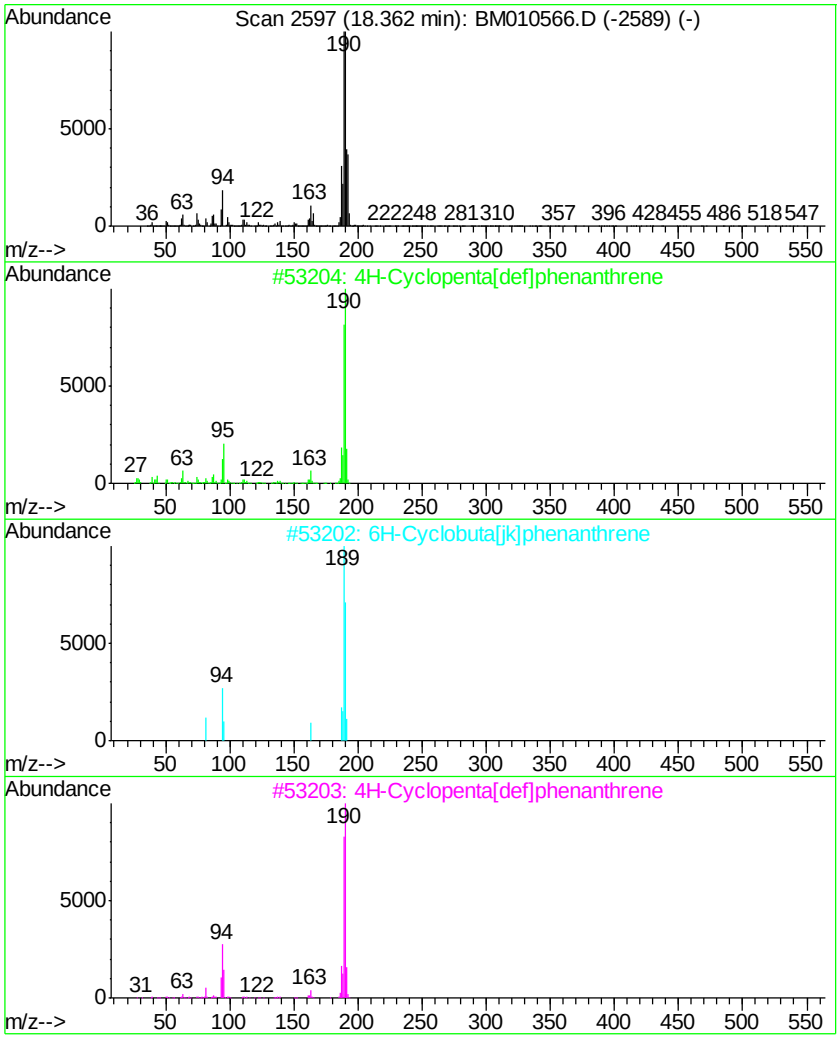
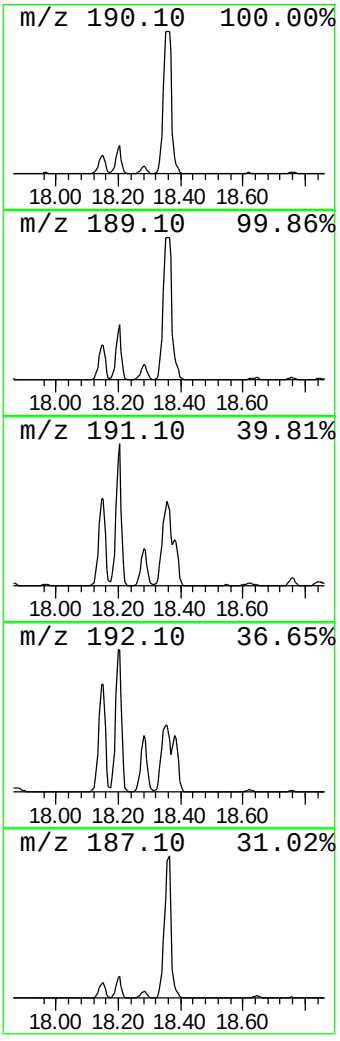
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.47 ng/ul	96144500	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





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Instrument : BNA_M
ClientSampleId : F5C88

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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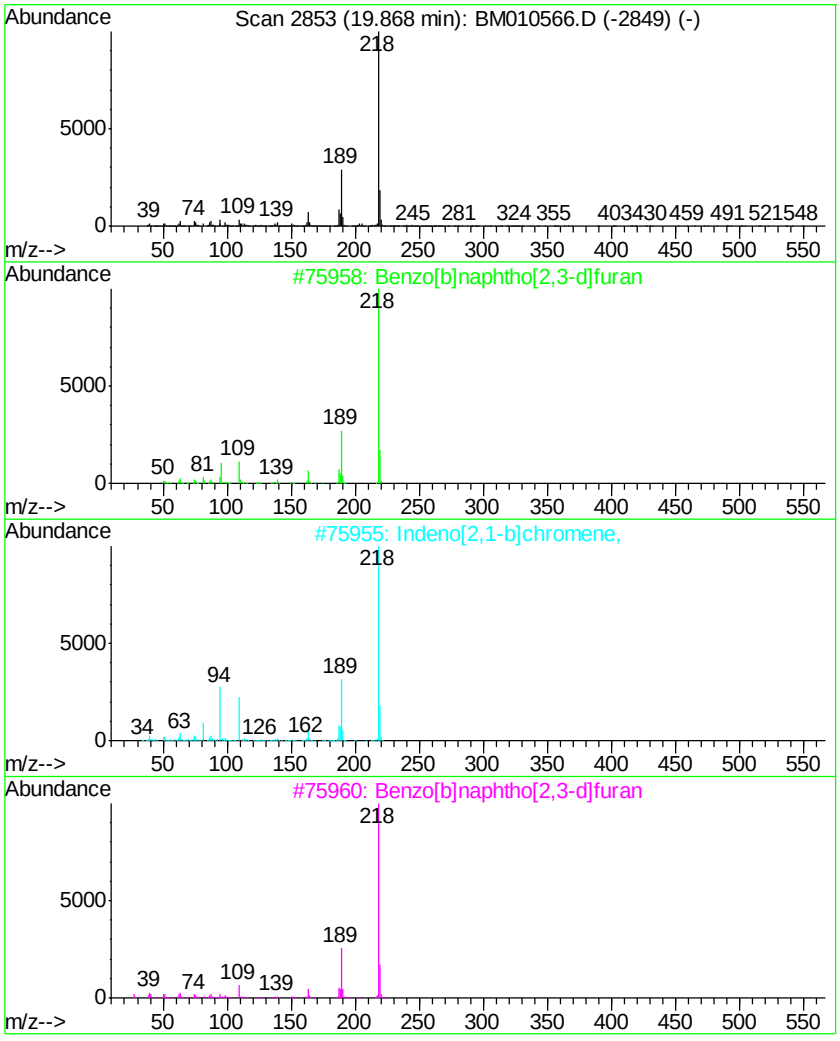
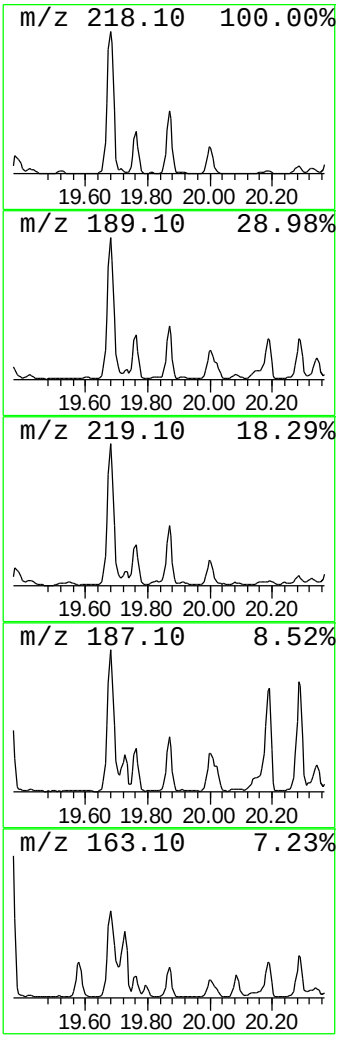
Peak Number 10 Benzo[b]naphtho[2,3-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.03 ng/ul	11471400	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
2	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	95
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	93





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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Quant Title : SVOA CALIBRATION

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

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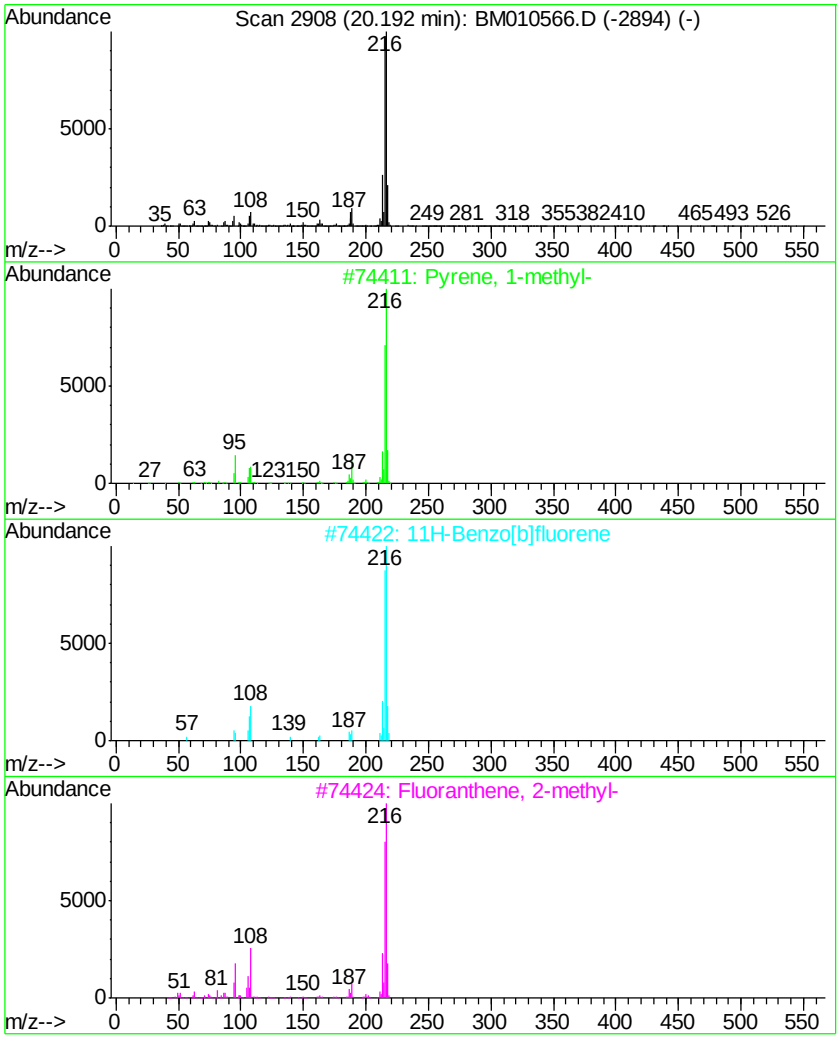
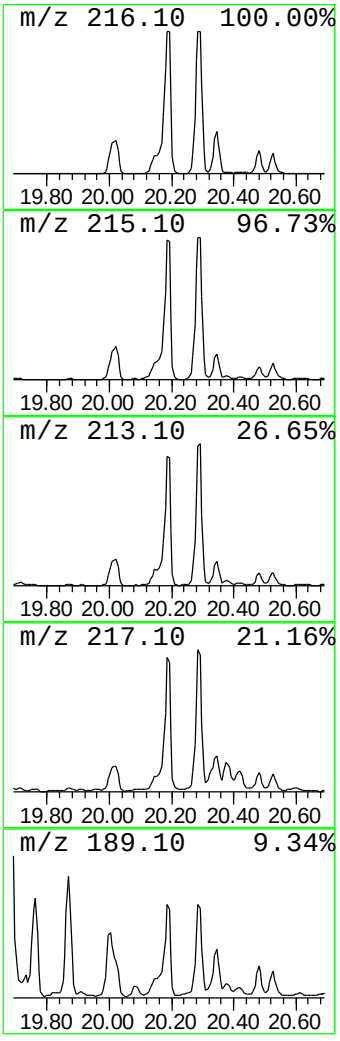
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	9.46 ng/ul	53580700	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89





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Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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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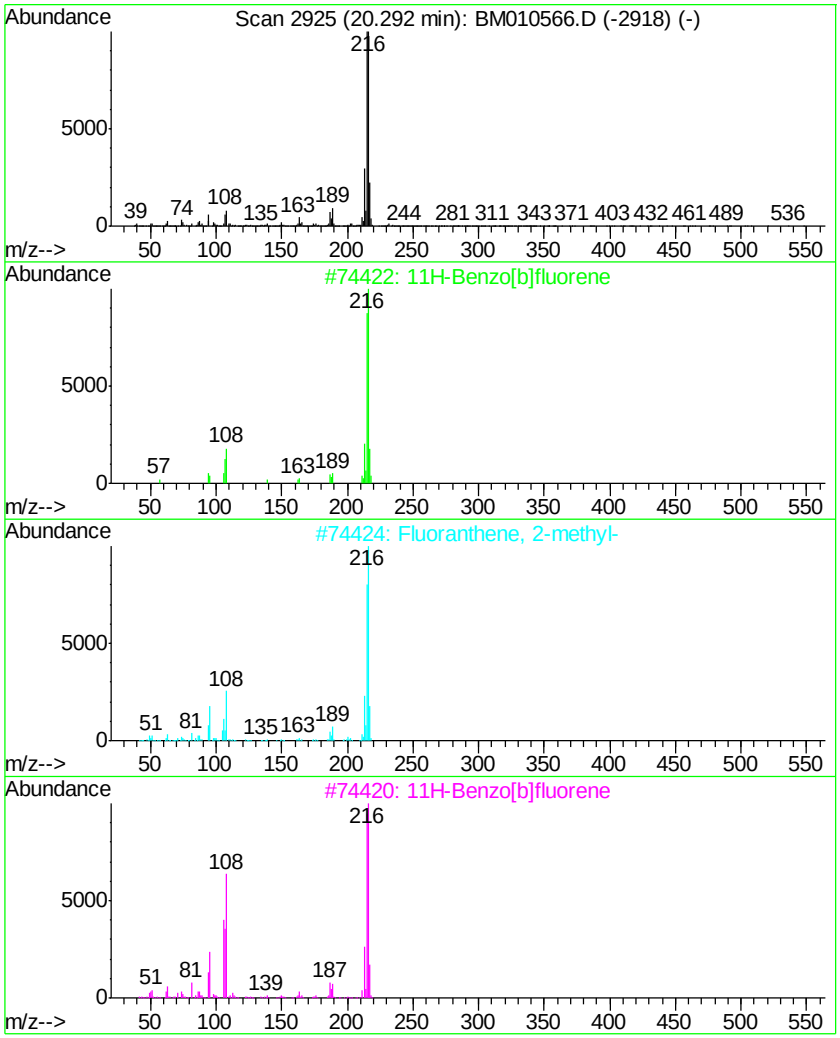
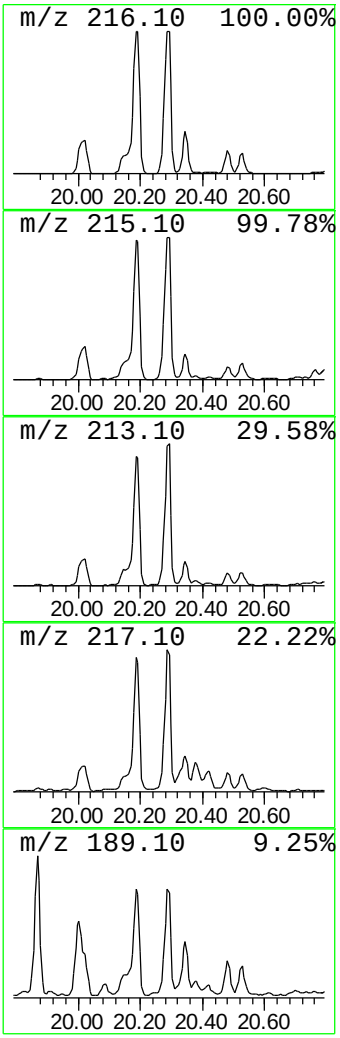
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	9.07 ng/ul	51367600	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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Quant Title : SVOA CALIBRATION

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

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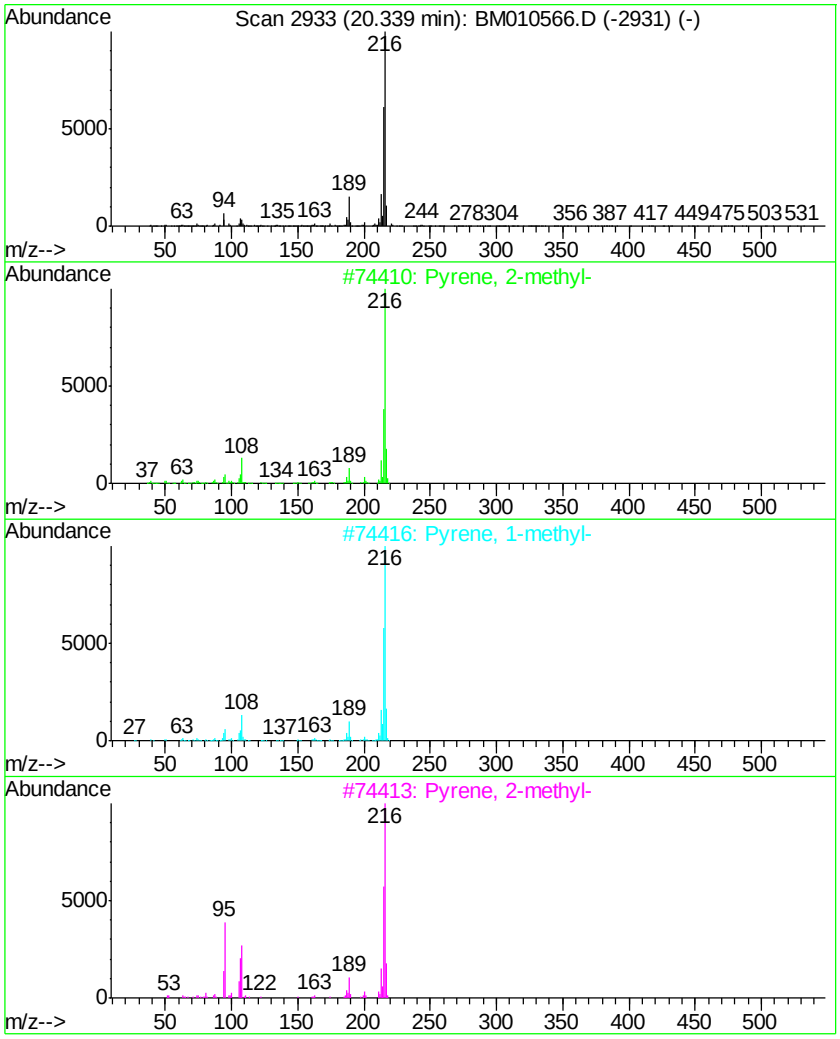
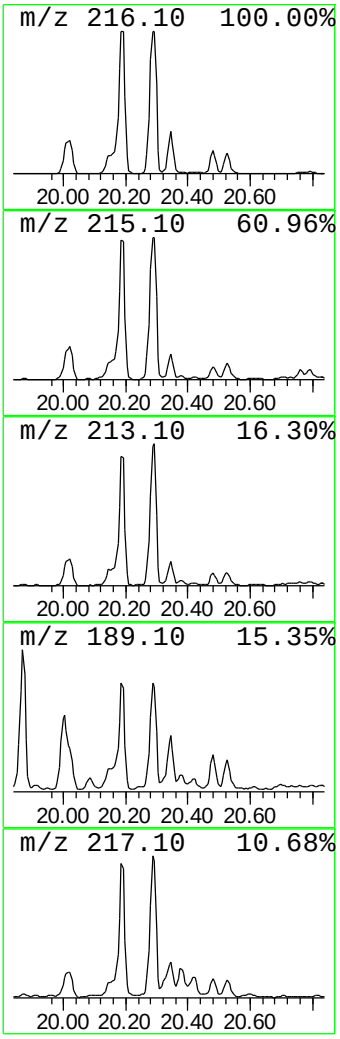
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.07 ng/ul	11733500	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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Quant Title : SVOA CALIBRATION

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

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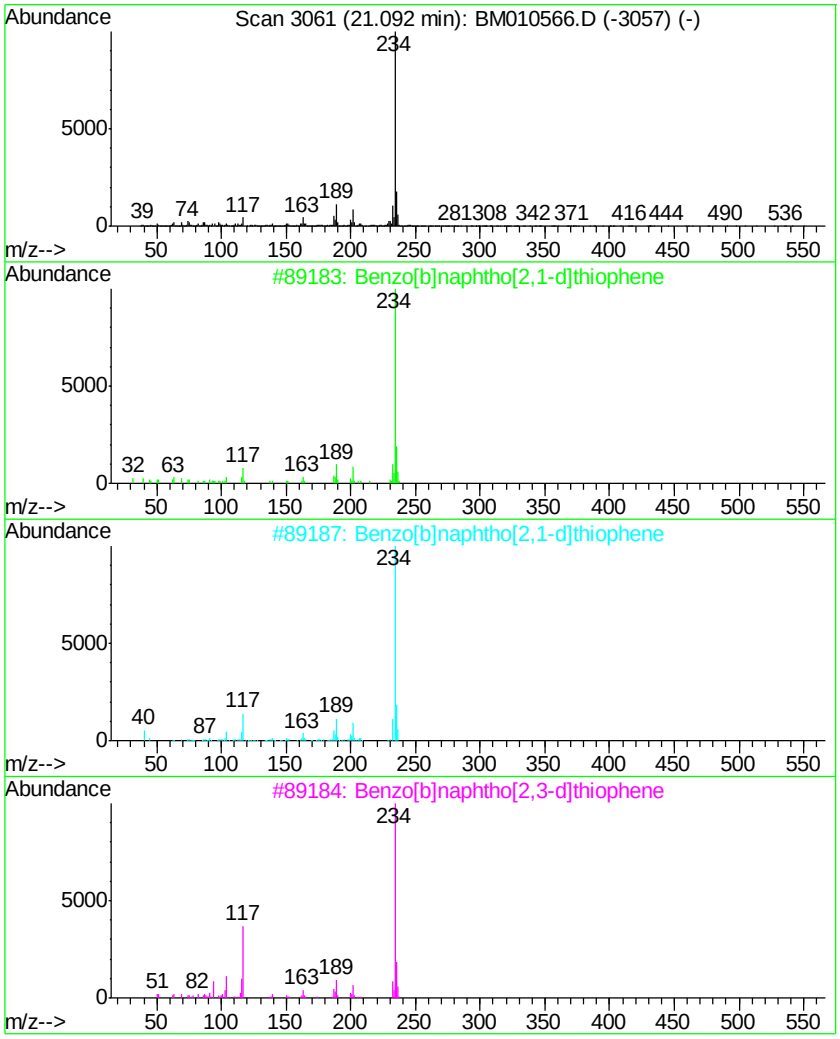
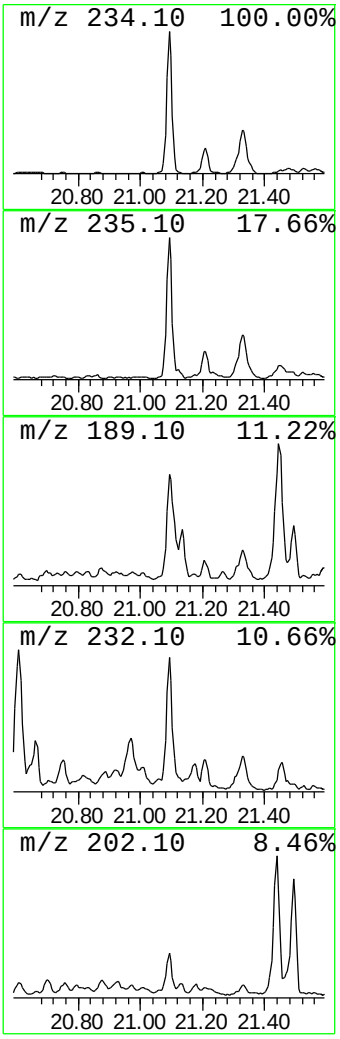
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.23 ng/ul	12650400	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	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
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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Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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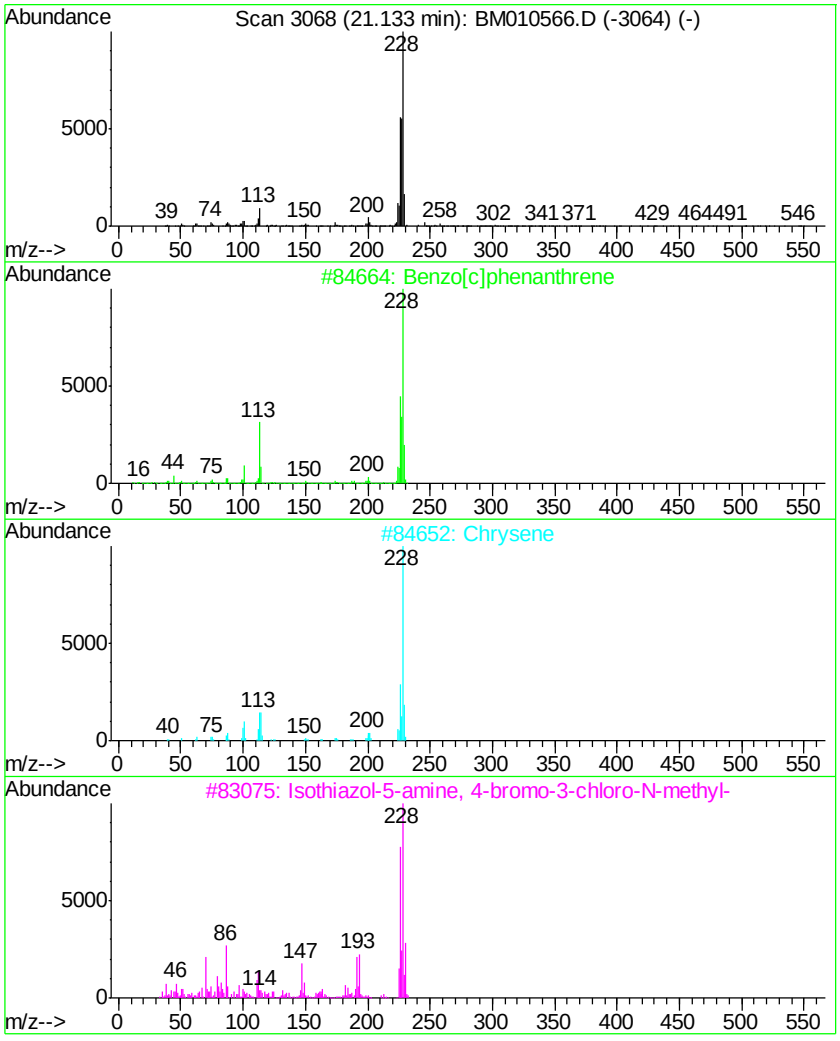
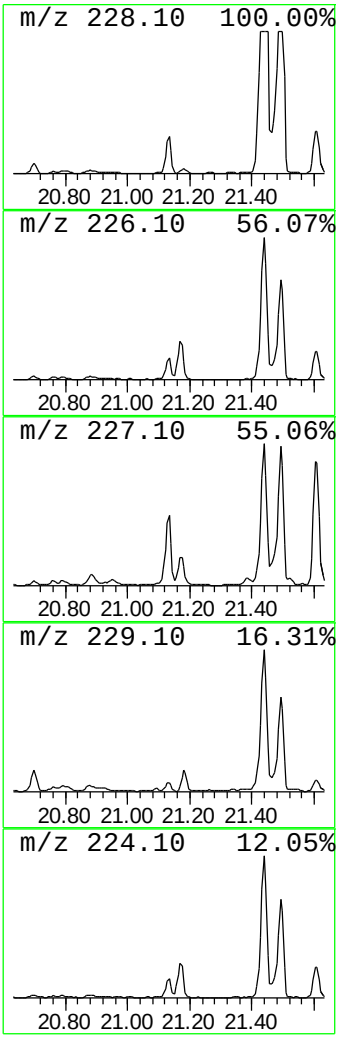
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	2.15 ng/ul	12195600	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
2	Chrysene	228	C18H12	000218-01-9	55
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	53
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	52





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Quant Title : SVOA CALIBRATION

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

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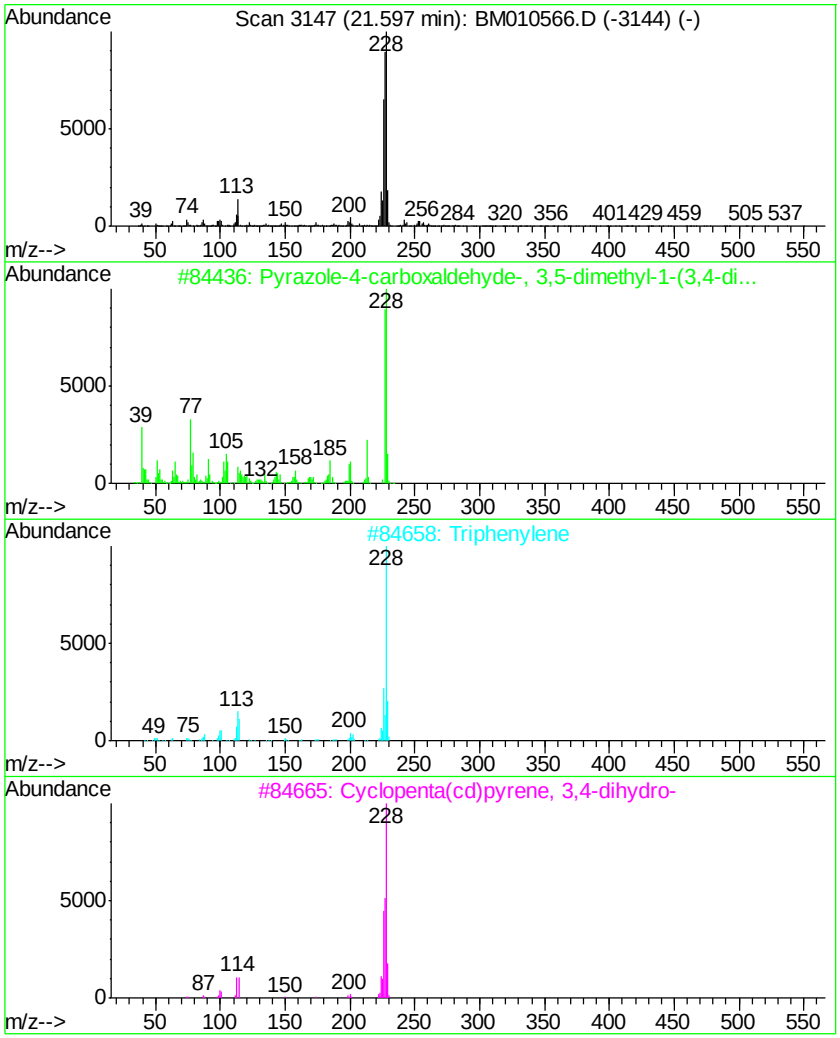
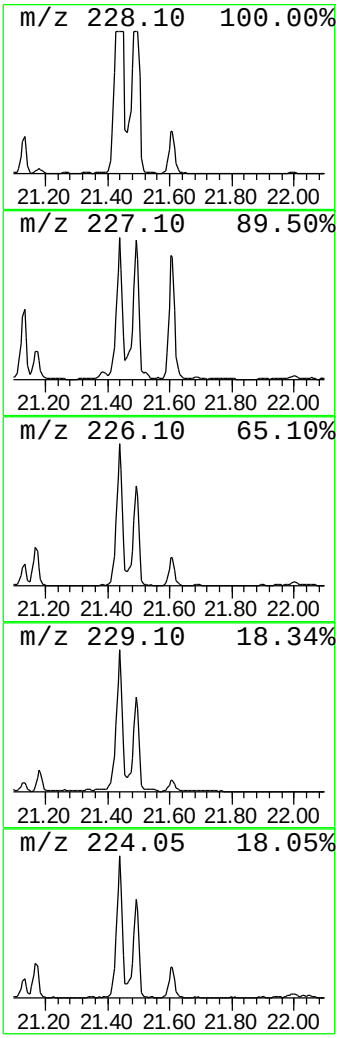
Peak Number 17 Pyrazole-4-carboxaldehyde-,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	2.51 ng/ul	14204600	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	53
2	Triphenylene	228	C18H12	000217-59-4	46
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	43
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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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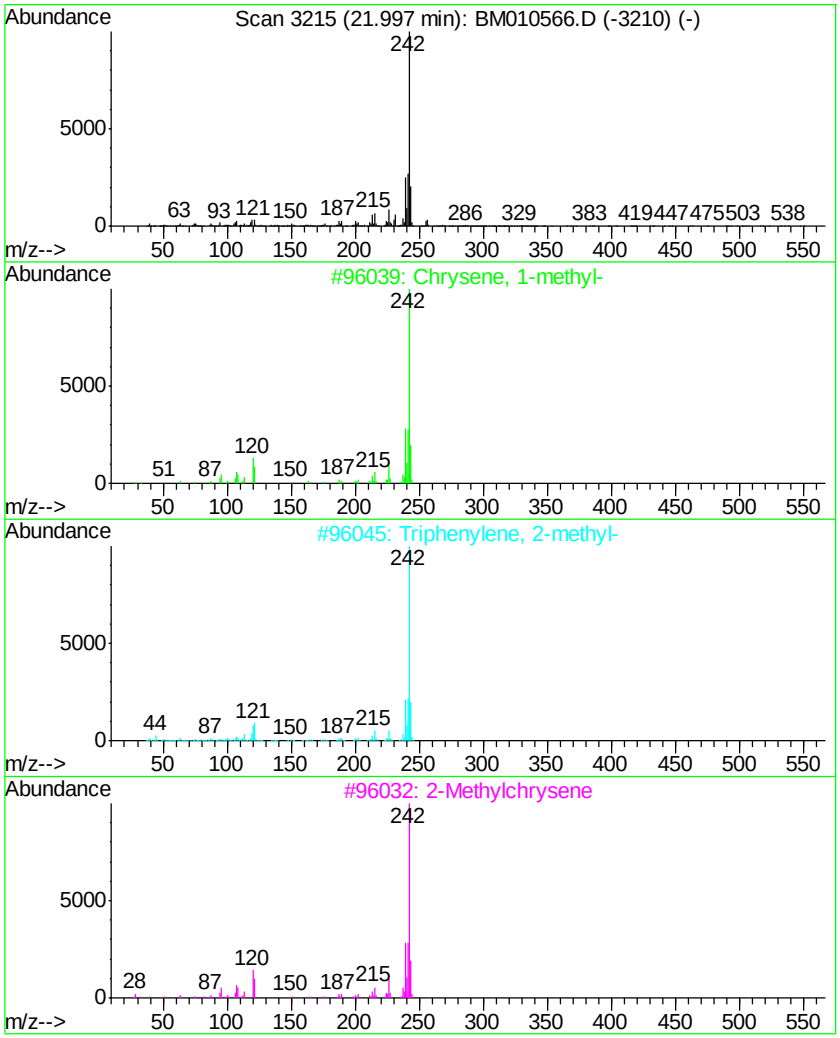
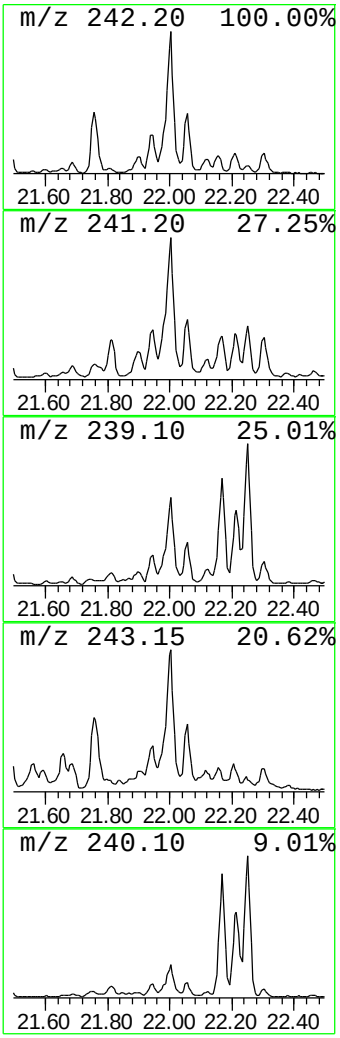
Peak Number 18 Chrysene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.02 ng/ul	11427200	Chrysene-d12	21.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010566.D
Acq On : 13 Jun 2017 18:43
Operator : SJ/MA
Sample : I3558-15 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88

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
Indane	8.25	20.0	ng/ul	9133060	1	7.88	9133060	20.0
Benzene, 1-propynyl-	8.42	25.9	ng/ul	11848100	1	7.88	9133060	20.0
Naphthalene, 1-me...	12.59	3.1	ng/ul	114492000	2	10.76	741600000	20.0
Naphthalene, 2-et...	13.55	17.5	ng/ul	12527100	3	14.53	14308900	20.0
Naphthalene, 2,7-...	13.85	47.6	ng/ul	34056800	3	14.53	14308900	20.0
Naphthalene, 1,3-...	14.07	13.9	ng/ul	9951480	3	14.53	14308900	20.0
Diphenylmethane	15.74	20.1	ng/ul	14352700	3	14.53	14308900	20.0
[1,1'-Biphenyl]-4...	15.86	29.3	ng/ul	20980100	3	14.53	14308900	20.0
4H-Cyclopenta[def...	18.36	3.5	ng/ul	96144500	4	17.29	553933000	20.0
Benzo[b]naphtho[2...	19.87	2.0	ng/ul	11471400	5	21.45	113227000	20.0
Pyrene, 1-methyl-	20.19	9.5	ng/ul	53580700	5	21.45	113227000	20.0
11H-Benzo[b]fluorene	20.29	9.1	ng/ul	51367600	5	21.45	113227000	20.0
Pyrene, 2-methyl-	20.34	2.1	ng/ul	11733500	5	21.45	113227000	20.0
Benzo[b]naphtho[2...	21.09	2.2	ng/ul	12650400	5	21.45	113227000	20.0
Benzo[c]phenanthrene	21.13	2.1	ng/ul	12195600	5	21.45	113227000	20.0
Pyrazole-4-carbox...	21.60	2.5	ng/ul	14204600	5	21.45	113227000	20.0
Chrysene, 1-methyl-	22.00	2.0	ng/ul	11427200	5	21.45	113227000	20.0