LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

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-BM101217.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	5.316	370	379	387	rBV	8633000	12541954	3.27%	1.110%
2	5.475	395	406	418	rBV	5395313	9221163	2.41%	0.816%
3	5.822	455	465	479	rBV	7741561	12195568	3.18%	1.079%
4	6.904	641	649	654	rBV	2567849	4017244	1.05%	0.355%
5	7.040	666	672	681	rVB	4489664	6908439	1.80%	0.611%
6	7.469	738	745	752	rBV	10787438	17697431	4.62%	1.566%
7	7.551	752	759	770	rVB	12374373	19252170	5.03%	1.704%
8	7.934	816	824	832	rVV2	2629605	4655663	1.22%	0.412%
9	8.216	861	872	879	rBV2	38726146	74454948	19.44%	6.588%
10	8.387	891	901	907	rVB2	40810987	83385742	21.77%	7.378%
11	9.004	999	1006	1013	rVV	3239983	5452936	1.42%	0.483%
12	9.186	1028	1037	1044	rBV	3872857	6450318	1.68%	0.571%
13	9.310	1044	1058	1064	rVV	9006145	19533649	5.10%	1.728%
14	9.875	1147	1154	1162	rVB	2976262	5348085	1.40%	0.473%
15	10.028	1172	1180	1192	rBV3	5200025	15015263	3.92%	1.329%
16	10.804	1277	1312	1316	rBV5	51623397	383037237	100.00%	33.893%
17	10.875	1316	1324	1330	rVV2	35228390	60537766	15.80%	5.357%
18	12.304	1559	1567	1572	rBV	7188358	11271671	2.94%	0.997%
19	12.533	1592	1606	1612	rVB	28361159	48849098	12.75%	4.322%
20	13.310	1725	1738	1749	rVB	8803592	16231334	4.24%	1.436%
21	13.633	1784	1793	1795	rBV4	2752517	4835447	1.26%	0.428%
22	13.798	1814	1821	1826	rBV	3979467	7183716	1.88%	0.636%
23	14.174	1878	1885	1887	rBV	2492131	4295929	1.12%	0.380%
24	14.198	1887	1889	1897	rVB	3487291	4797661	1.25%	0.425%
25	14.557	1943	1950	1955	rVB	28483357	42588125	11.12%	3.768%
26	14.621	1955	1961	1965	rBV	3832887	5561830	1.45%	0.492%
27	14.674	1965	1970	1979	rVB	4818422	7211135	1.88%	0.638%
28	14.886	1999	2006	2014	rVB	16631649	25675959	6.70%	2.272%
29	15.039	2019	2032	2036	rVV	2958316	9225207	2.41%	0.816%
30	15.474	2101	2106	2110	rVB	2907669	4095729	1.07%	0.362%
31	15.533	2110	2116	2123	rVB	13411852	19280085	5.03%	1.706%
32	15.668	2133	2139	2146	rVB2	4024389	9259099	2.42%	0.819%
33	16.221	2226	2233	2235	rBV2	4217336	7289285	1.90%	0.645%
34	16.415	2260	2266	2270	rBV	2731385	3864802	1.01%	0.342%

LSC Area Percent Report

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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : BE2N9

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-BM101217.M
Title : SVOA CALIBRATION

35	16.492	2273	2279	2283	rBV2	4277613	8190995	2.14%	0.725%
36	16.839	2328	2338	2351	rVB2	1501440	4507842	1.18%	0.399%
37	17.186	2388	2397	2400	rBV2	4886624	10648531	2.78%	0.942%
38	17.274	2407	2412	2418	rBV	13738426	19995228	5.22%	1.769%
39	17.427	2435	2438	2447	rVB4	1746927	4425803	1.16%	0.392%
40	17.651	2470	2476	2480	rVV	17239572	26562180	6.93%	2.350%
41	17.733	2480	2490	2497	rVB4	5865571	13479112	3.52%	1.193%
42	17.804	2497	2502	2510	rVB	6560773	10087956	2.63%	0.893%
43	18.074	2543	2548	2552	rBV2	3356198	5061924	1.32%	0.448%
44	18.156	2557	2562	2570	rVB3	5027173	10140274	2.65%	0.897%
45	18.233	2570	2575	2580	rBV	5050670	6828778	1.78%	0.604%
46	18.386	2596	2601	2610	rBV2	2435571	7418558	1.94%	0.656%
47	18.545	2622	2628	2634	rVB3	2984903	5557822	1.45%	0.492%
48	19.621	2803	2811	2814	rBV	3503804	5241721	1.37%	0.464%
49	20.098	2884	2892	2894	rVV	3007123	5948832	1.55%	0.526%
50	20.139	2894	2899	2912	rVB2	5041100	10438578	2.73%	0.924%
51	23.574	3477	3483	3491	rVB2	2179654	4368755	1.14%	0.387%

Sum of corrected areas: 1130124577

LSC Report - Integrated Chromatogram

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Data File : BM012150.D
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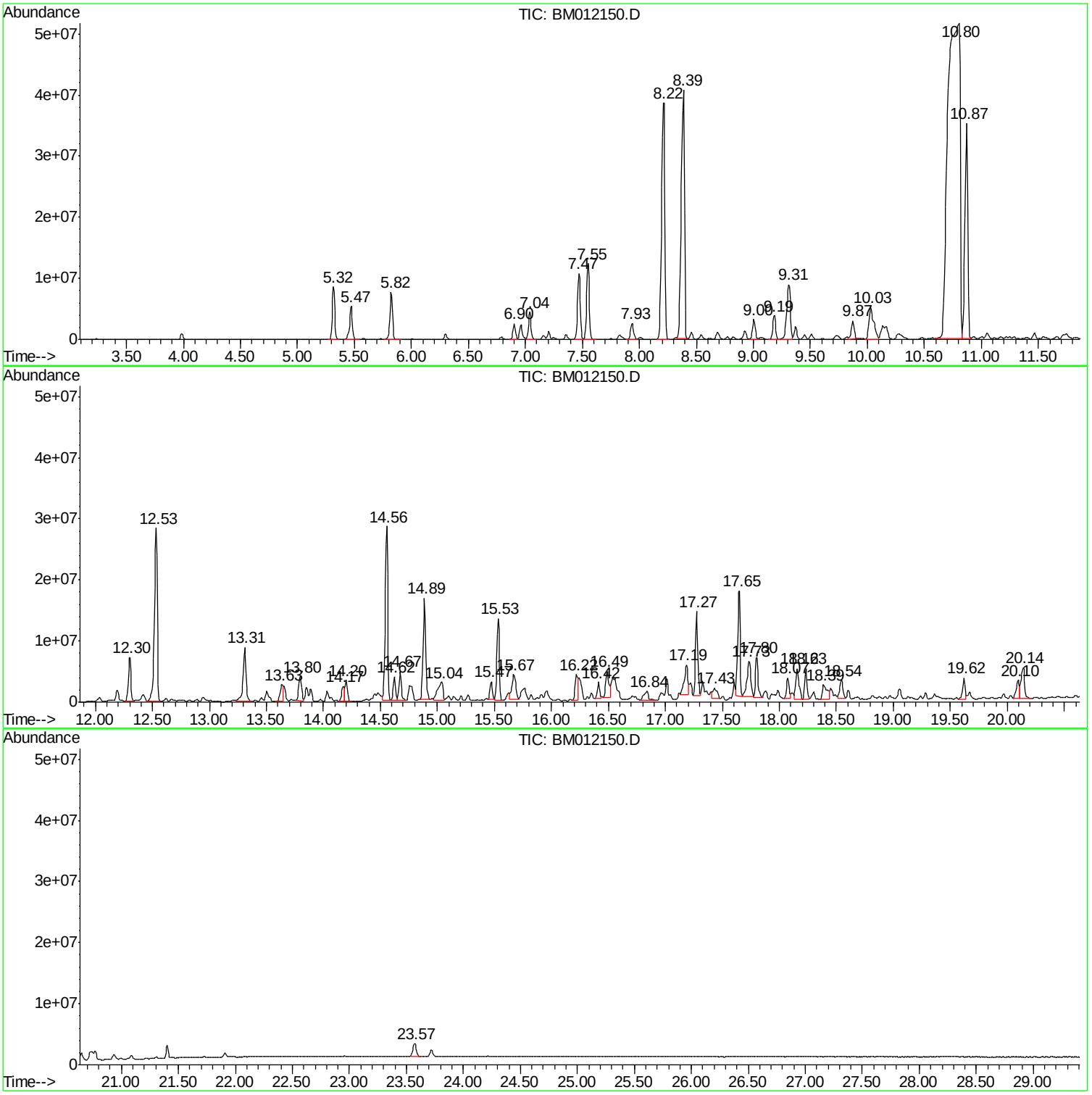
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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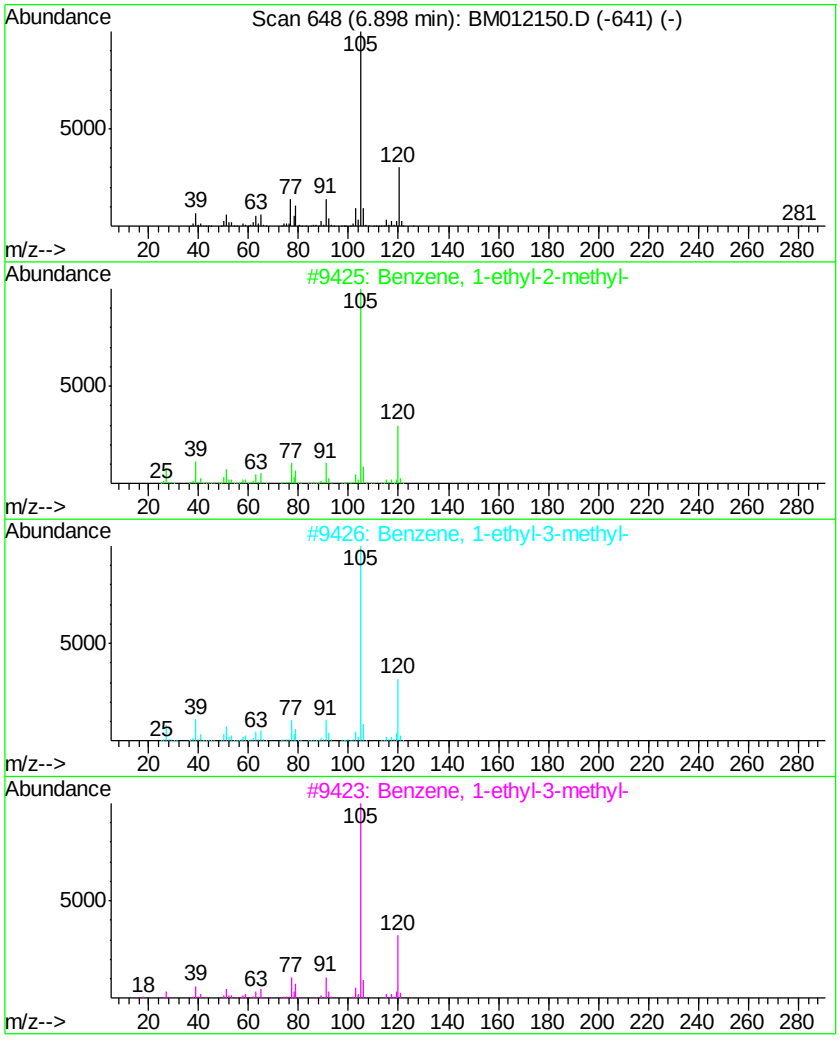
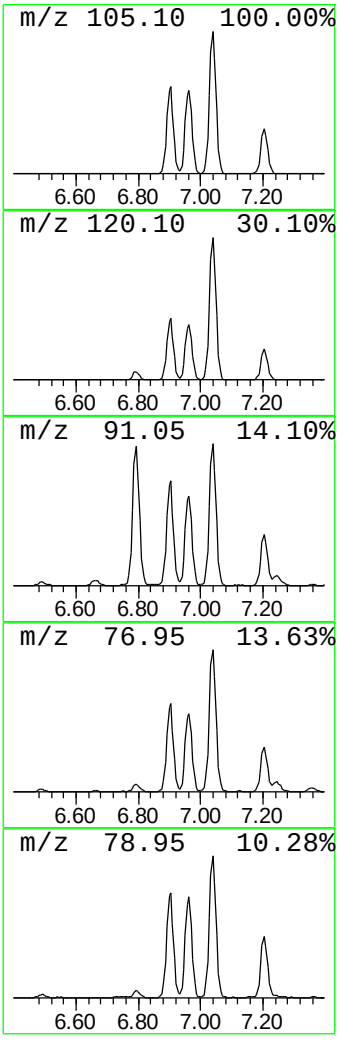
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	17.26 ng/ul	4017240	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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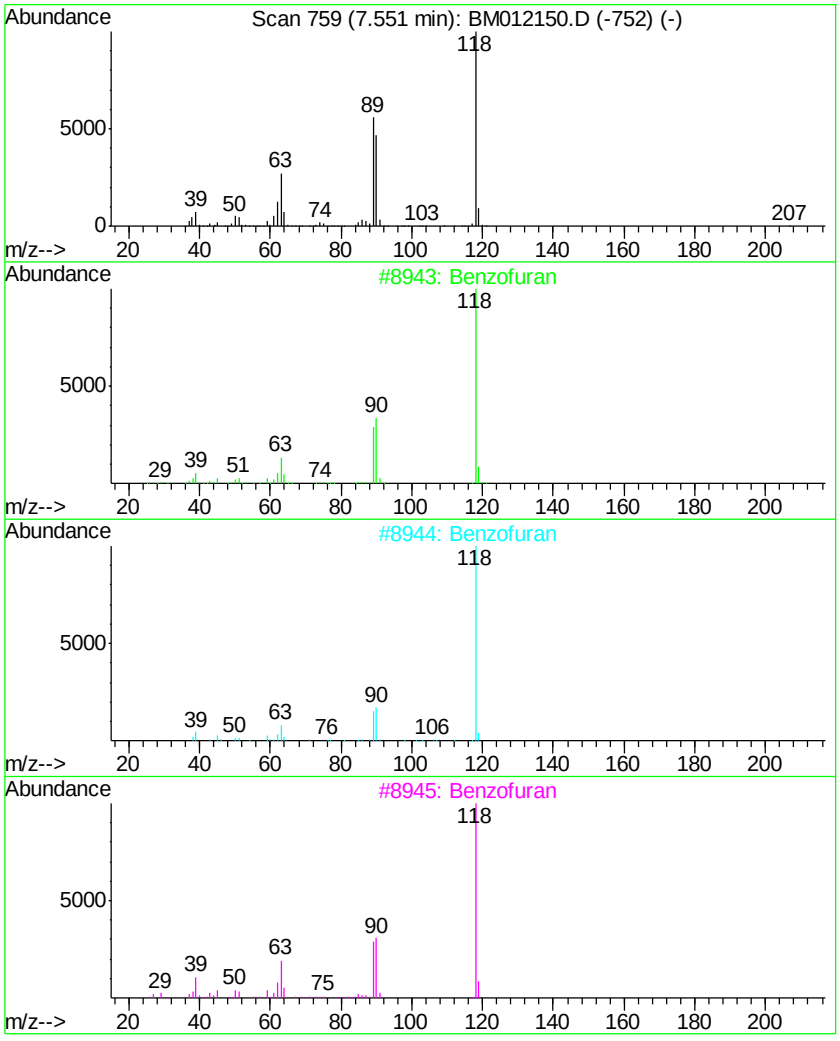
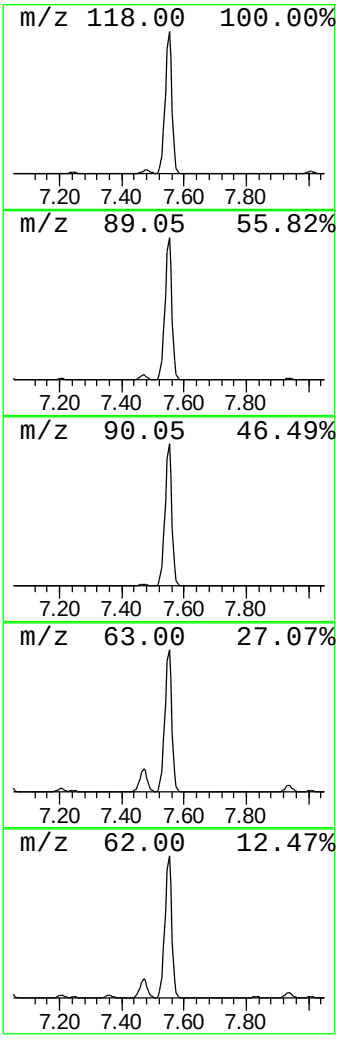
Peak Number 6 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	82.70 ng/ul	19252200	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	81
4	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	50
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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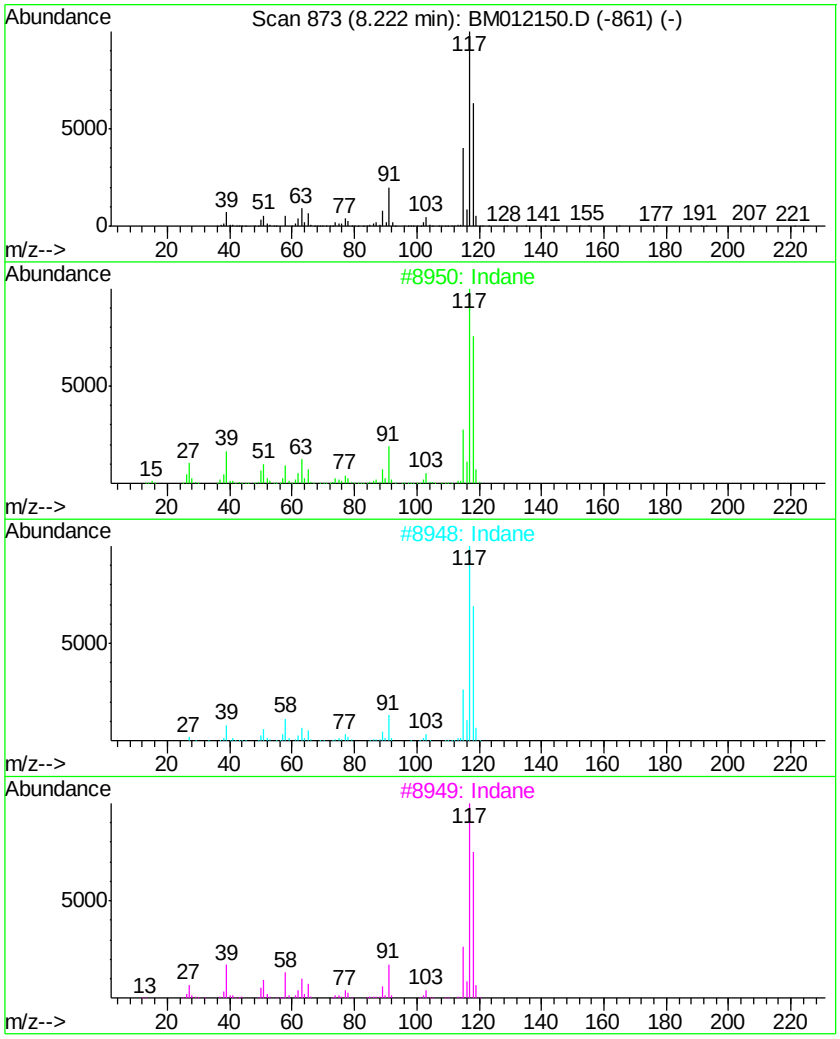
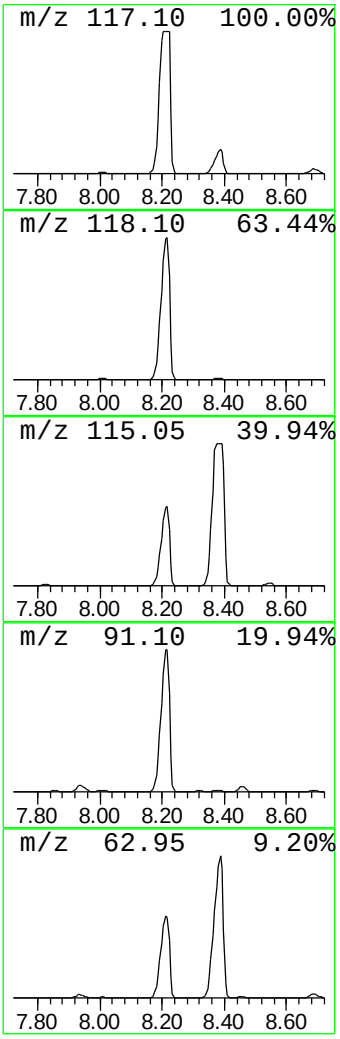
Peak Number 8 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	319.85 ng/ul	74454900	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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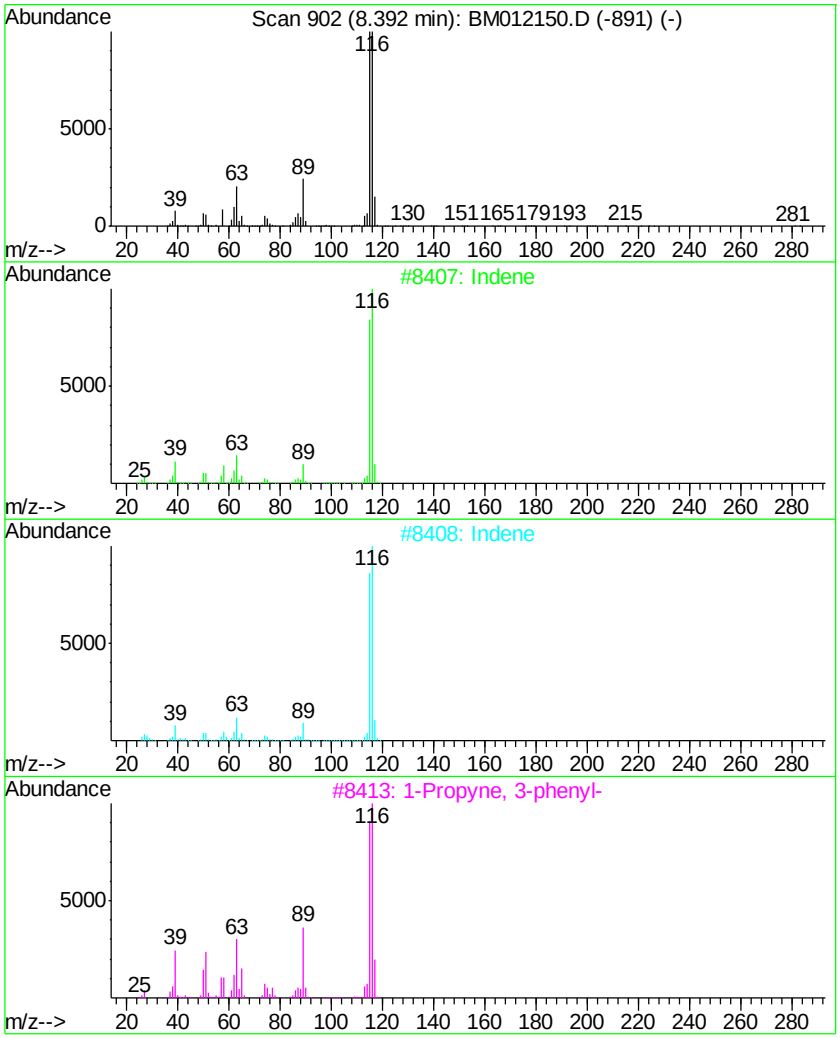
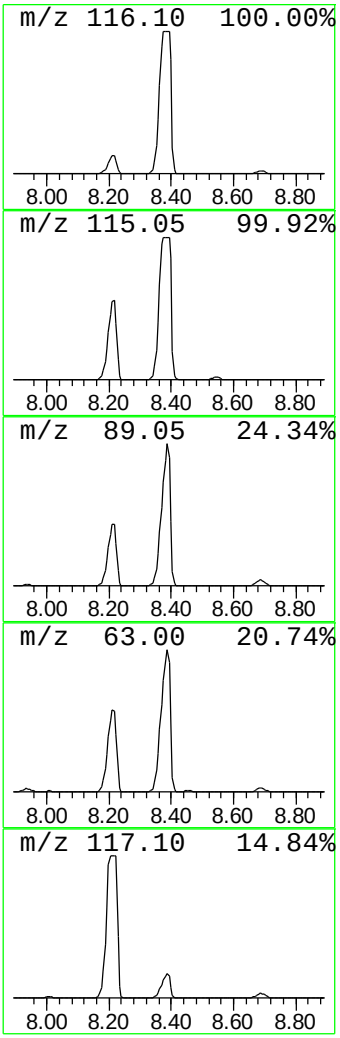
Peak Number 9 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	358.21 ng/ul	83385700	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	Indene	116	C9H8	000095-13-6	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





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Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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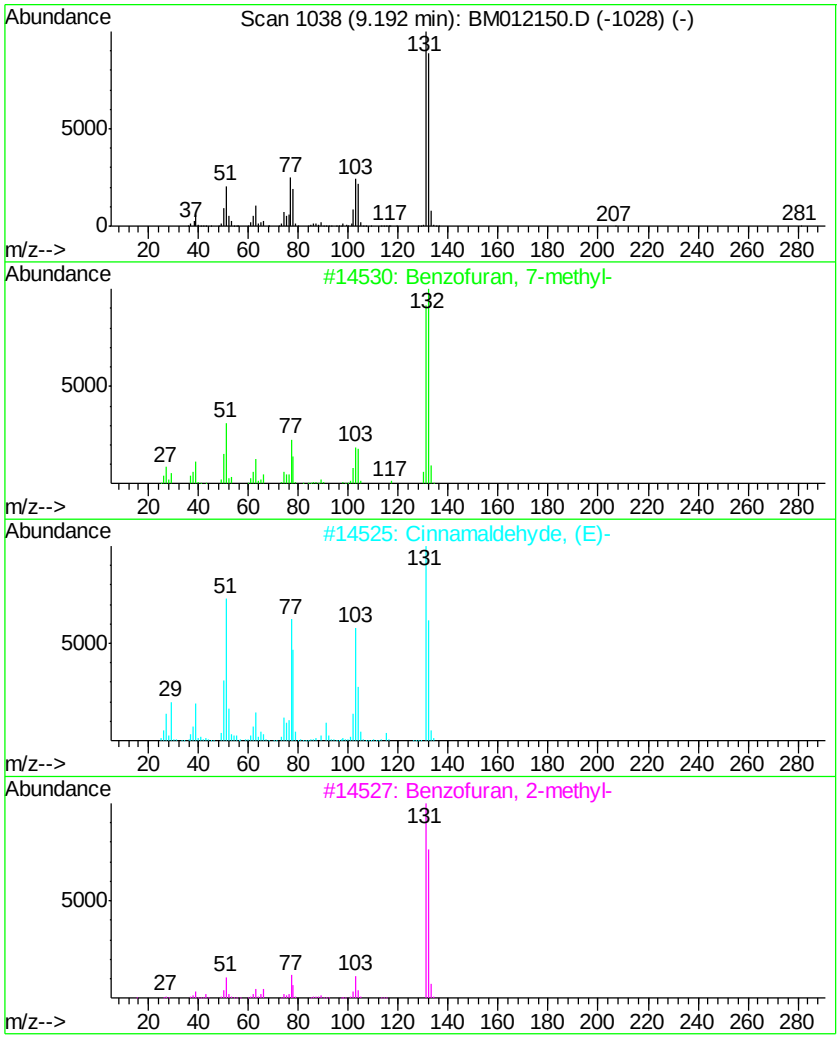
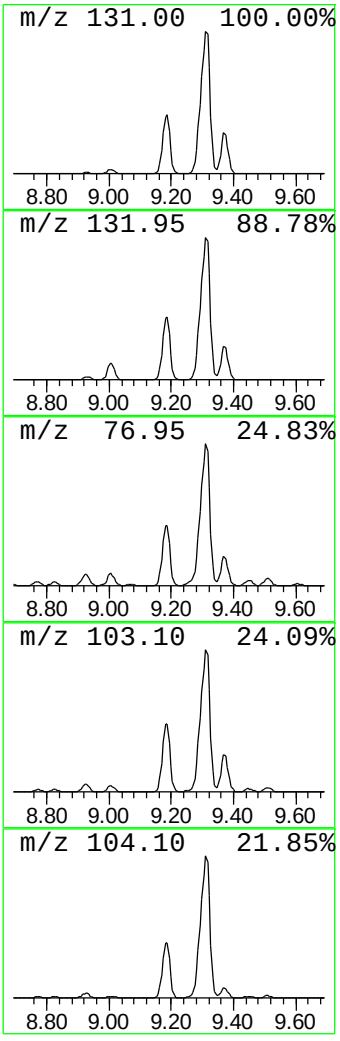
Peak Number 10 Benzofuran, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	27.71 ng/ul	6450320	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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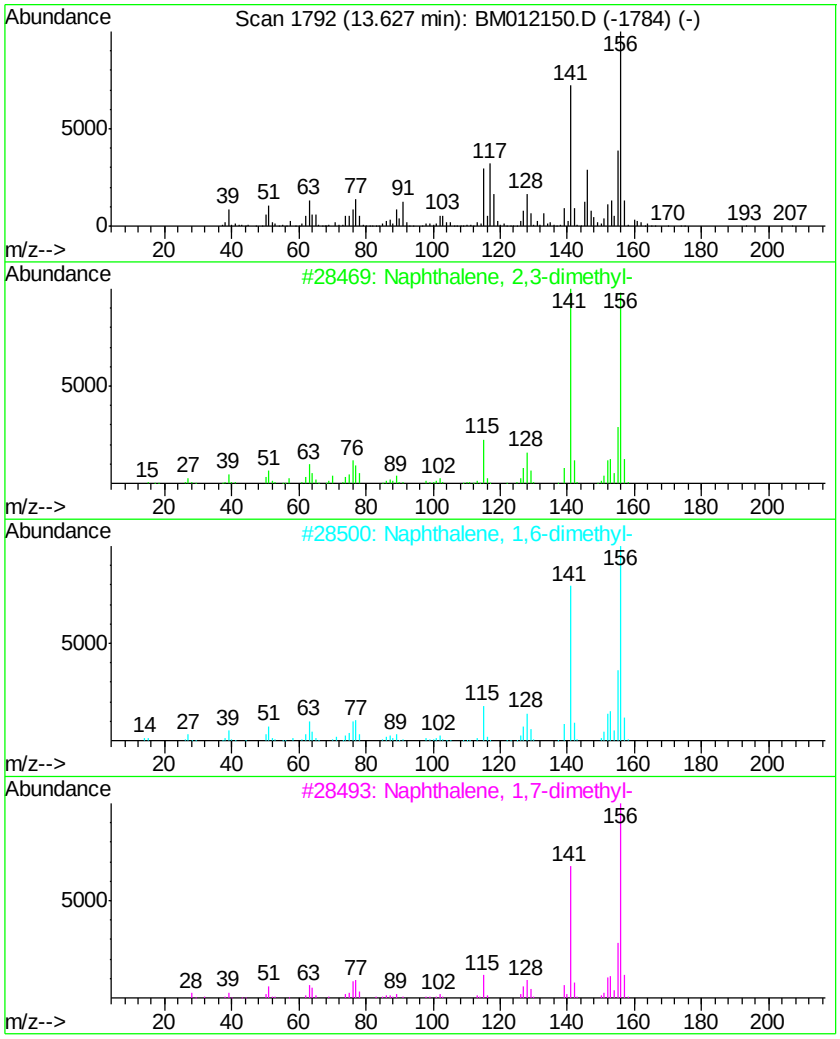
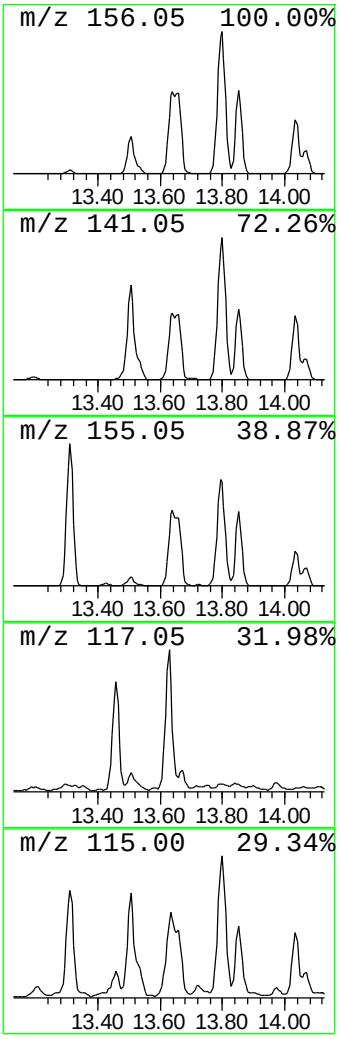
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.27 ng/ul	4835450	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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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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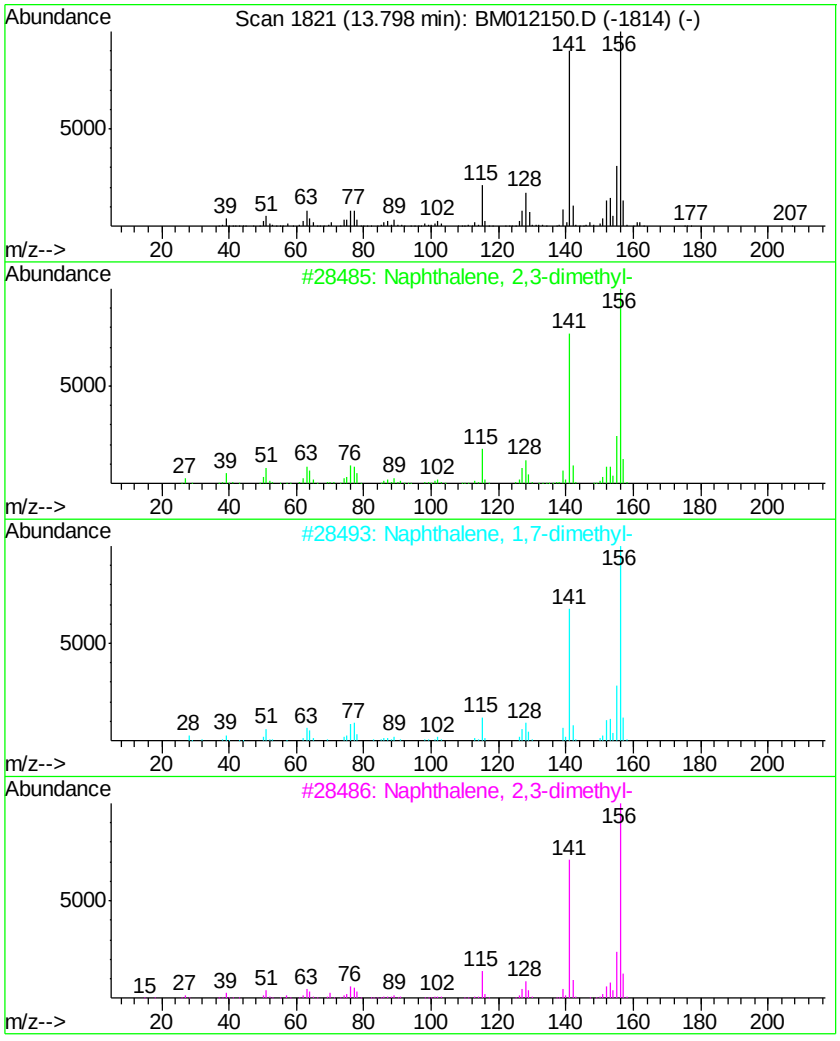
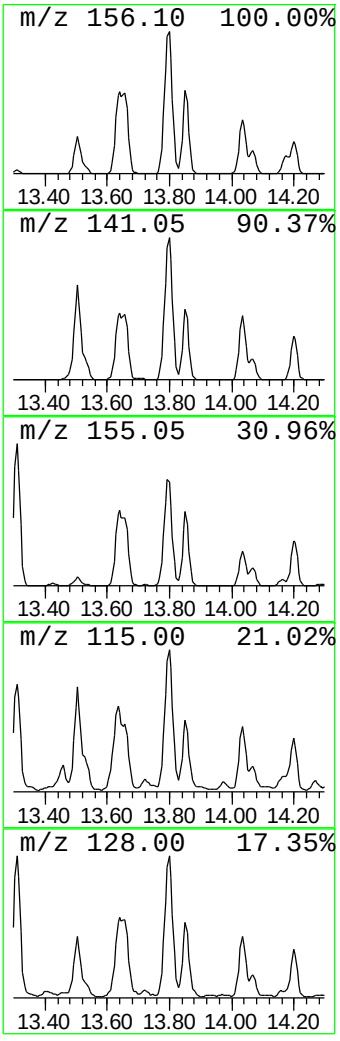
Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.37 ng/ul	7183720	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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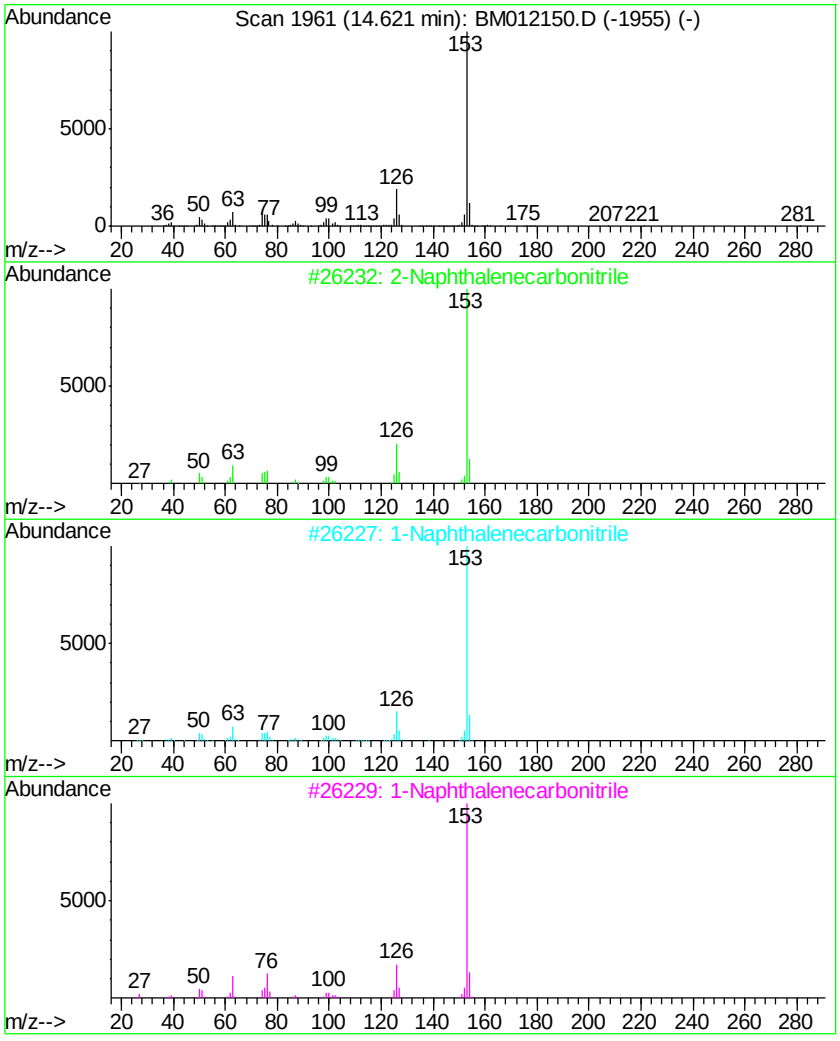
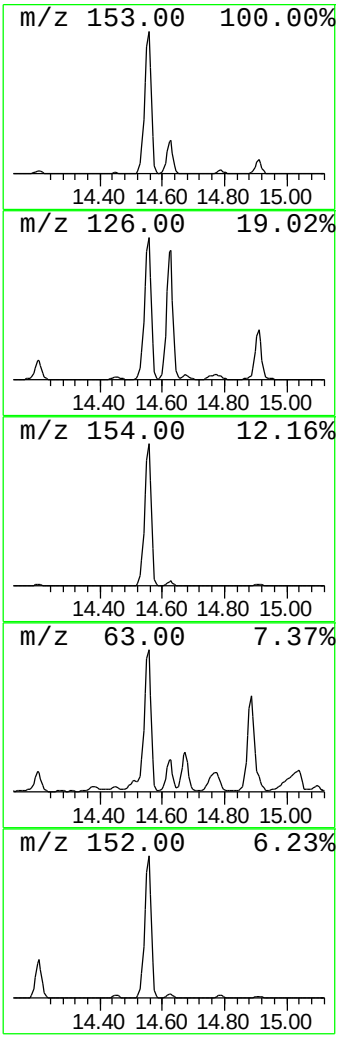
Peak Number 14 2-Naphthalenecarbonitrile Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.61 ng/ul	5561830	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	95
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90





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Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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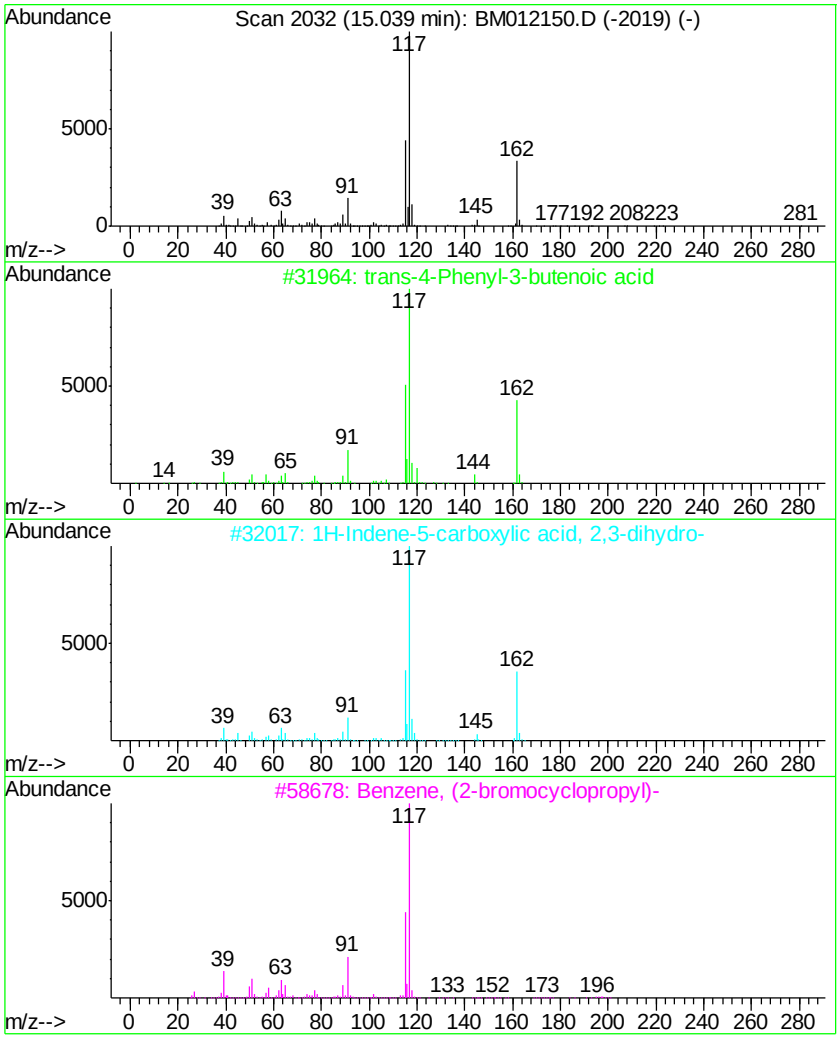
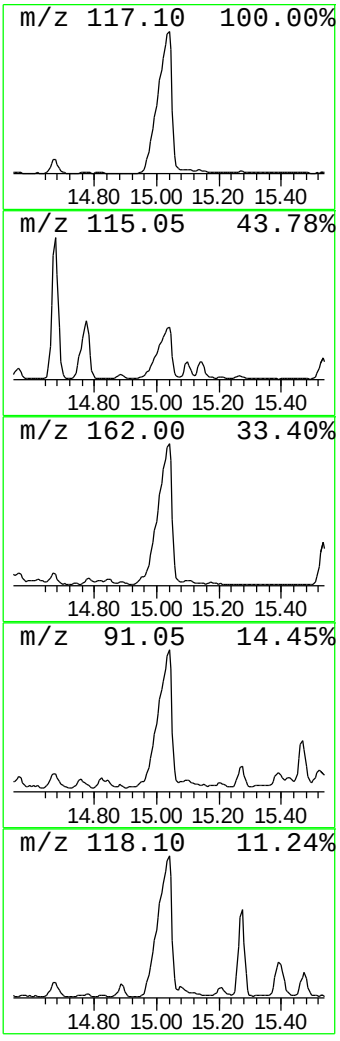
Peak Number 15 trans-4-Phenyl-3-butenoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	4.33 ng/ul	9225210	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	94
2	1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	87
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	72
4	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	59
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	59





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

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Quant Title : SVOA CALIBRATION

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

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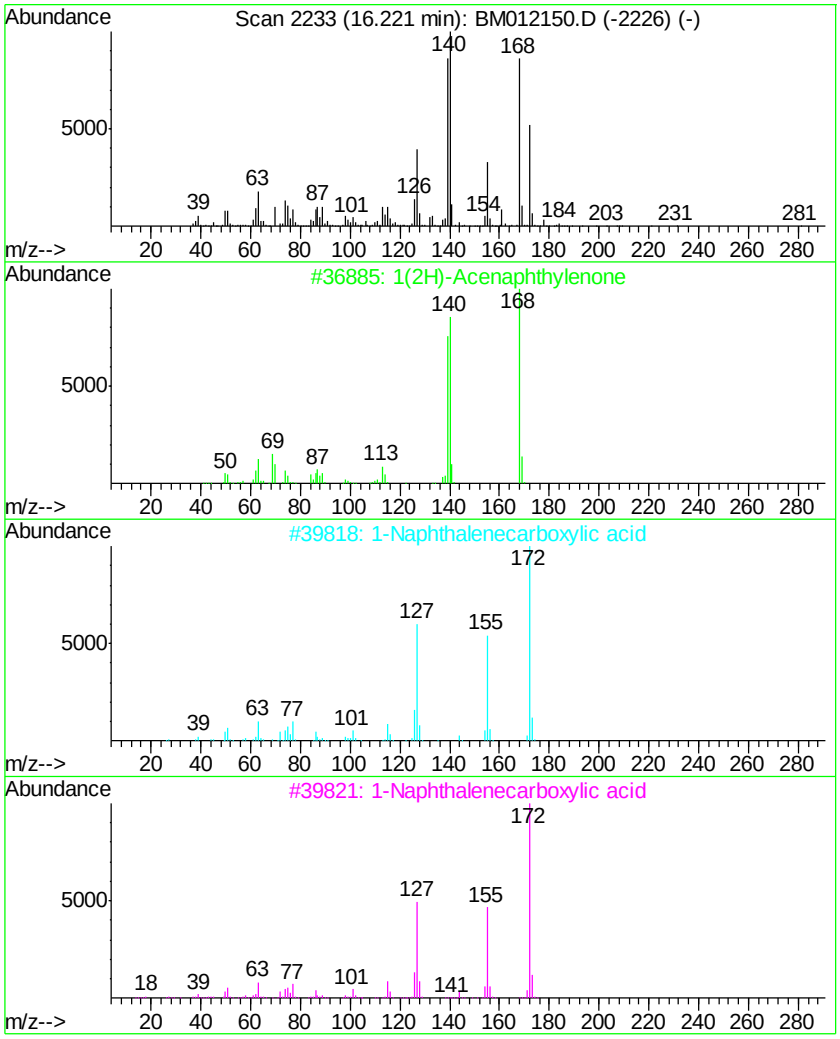
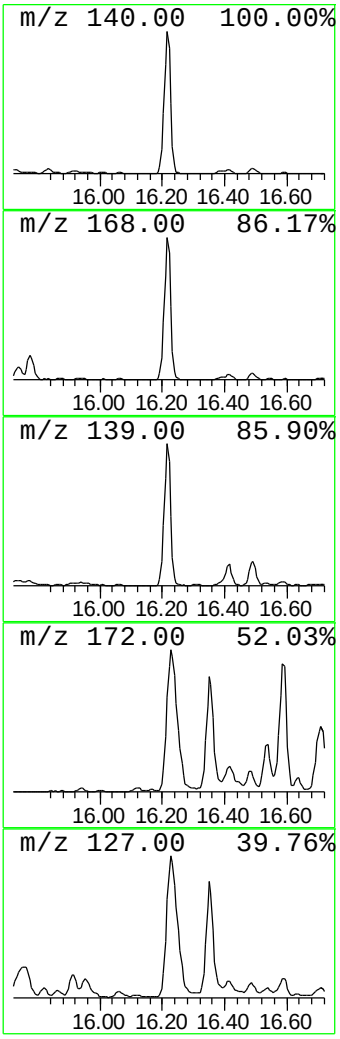
Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	13.69 ng/ul	7289290	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	83
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	46
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	40
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	38





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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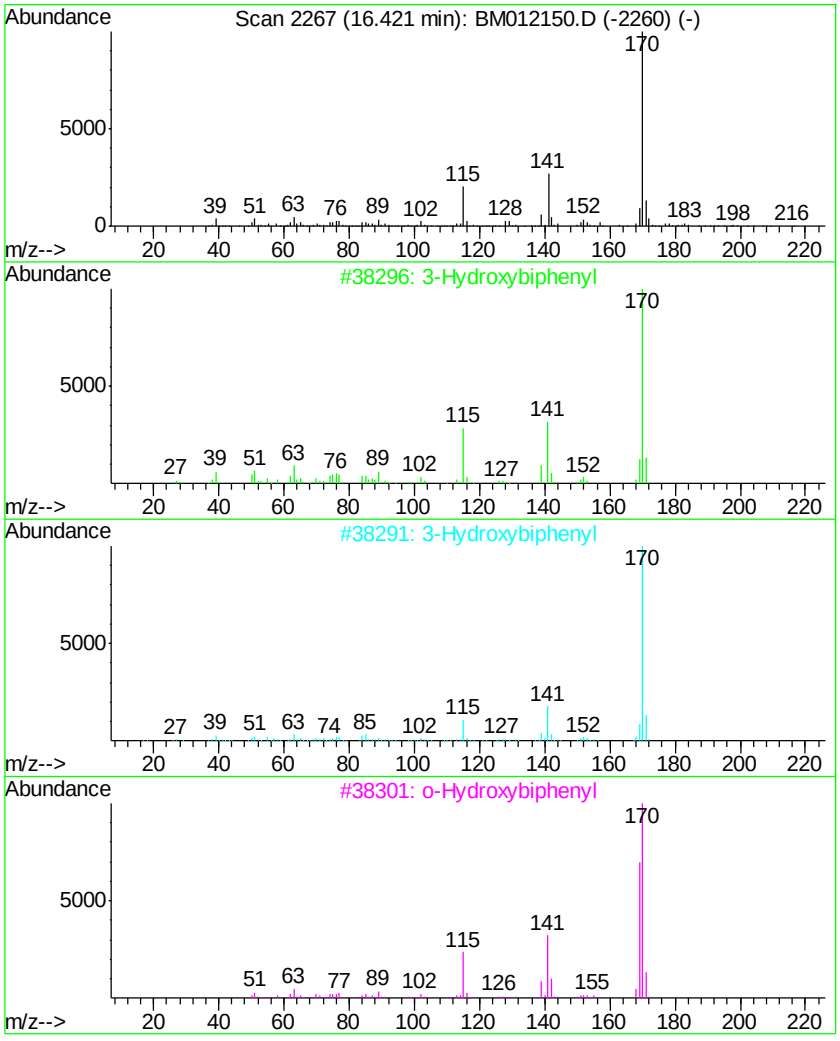
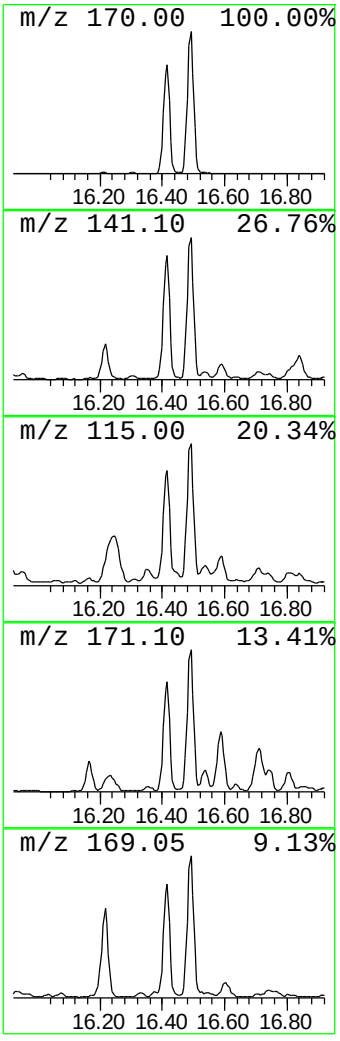
Peak Number 17 3-Hydroxybiphenyl Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	7.26 ng/ul	3864800	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	90
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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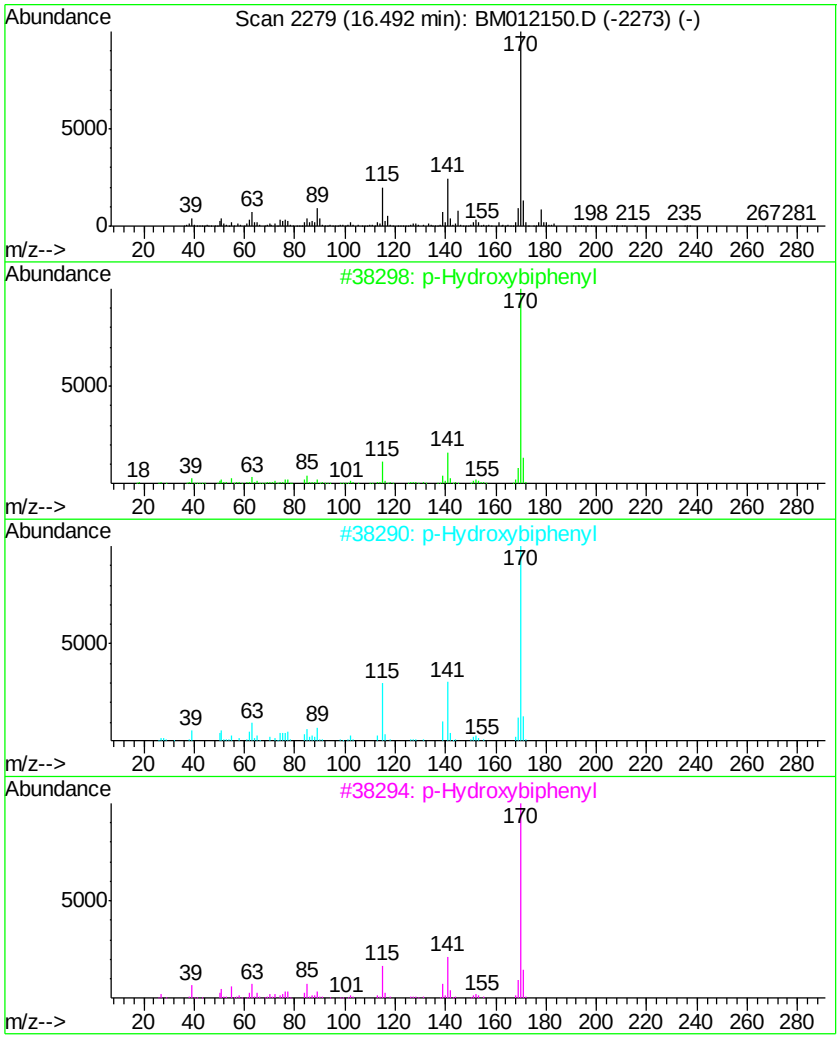
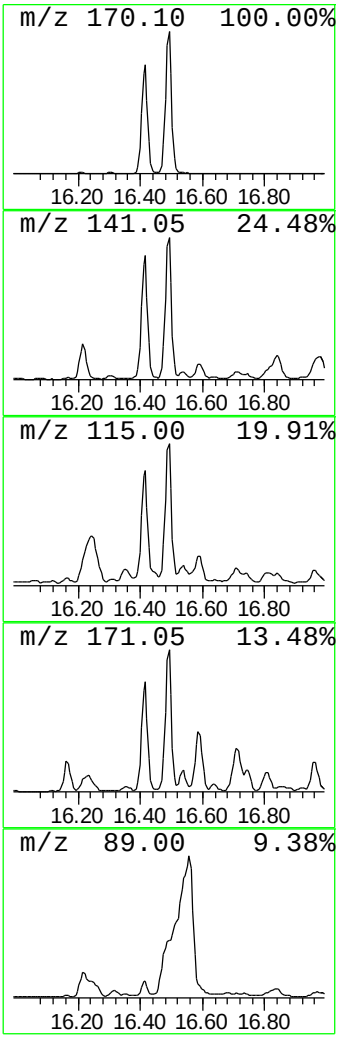
Peak Number 18 p-Hydroxybiphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	15.38 ng/ul	8191000	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	81





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Quant Title : SVOA CALIBRATION

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

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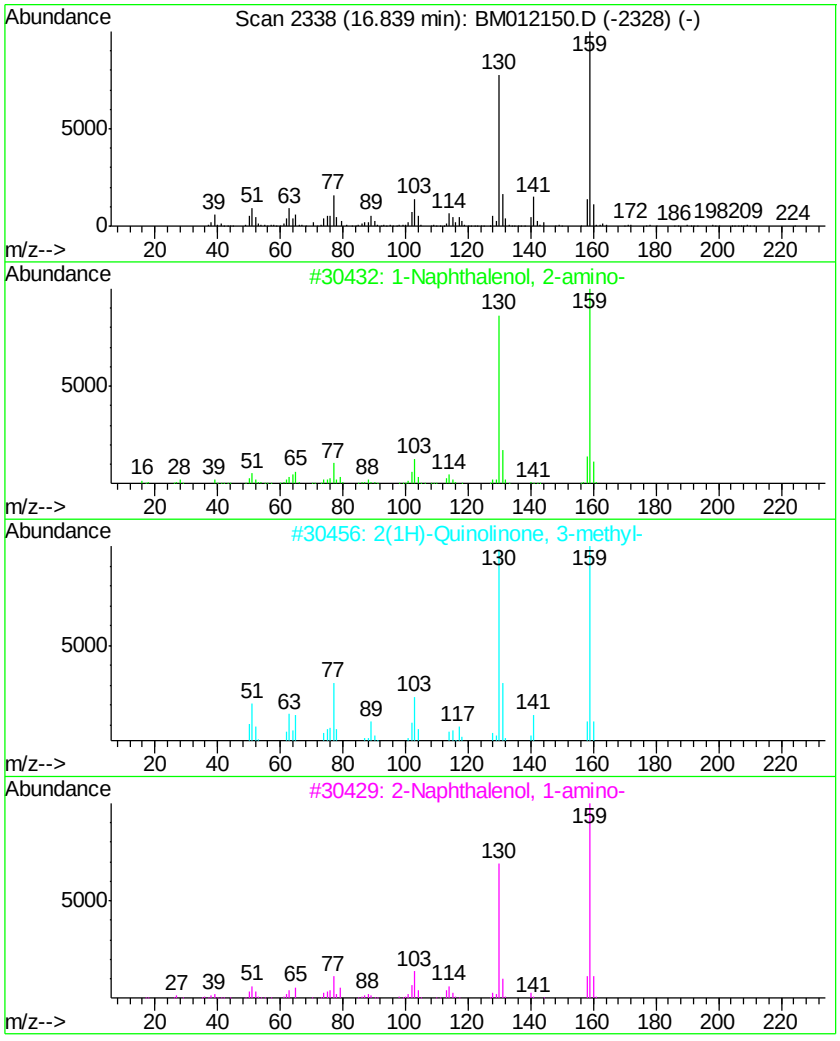
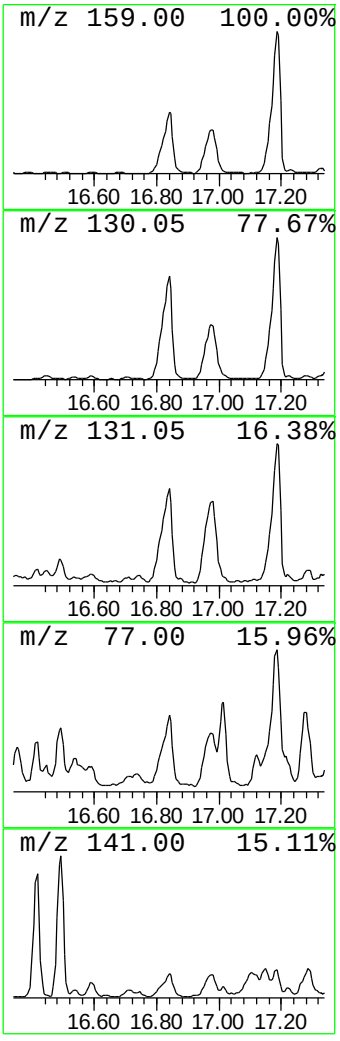
Peak Number 19 1-Naphthalenol, 2-amino- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	8.47 ng/ul	4507840	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	94
2	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	94
3	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	93
4	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	90
5	3-Quinolinol, 2-methyl-	159	C10H9NO	000613-19-4	87





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Quant Title : SVOA CALIBRATION

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

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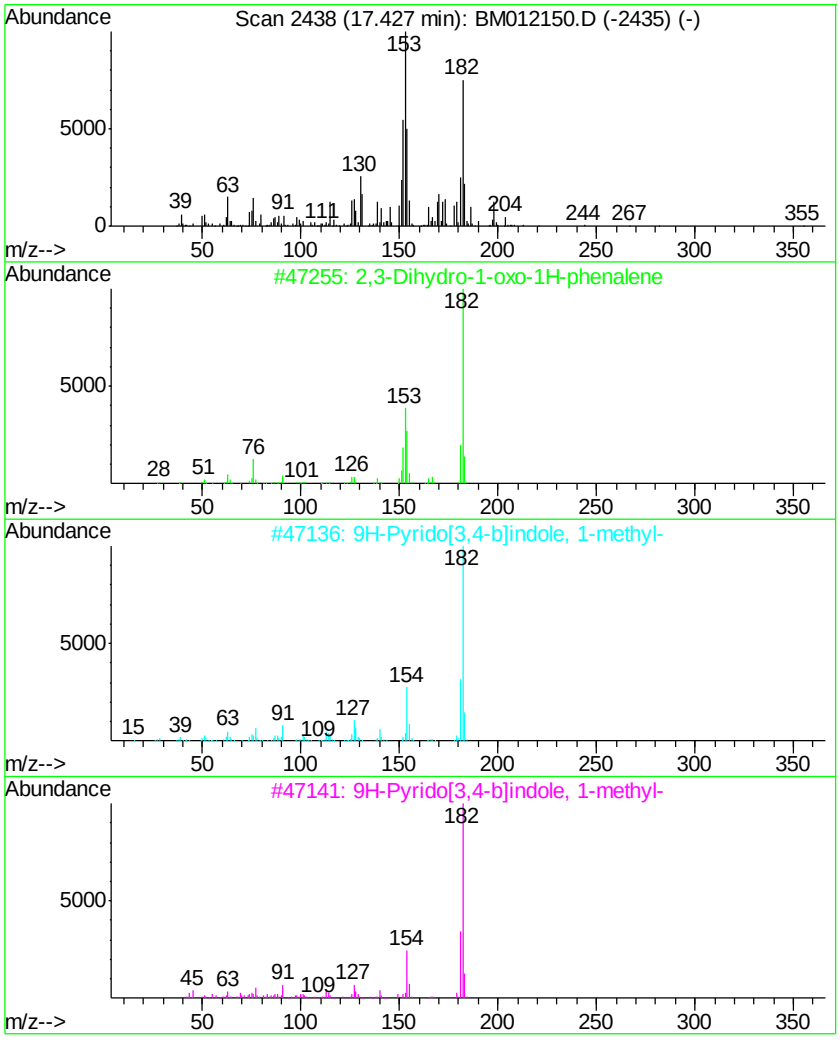
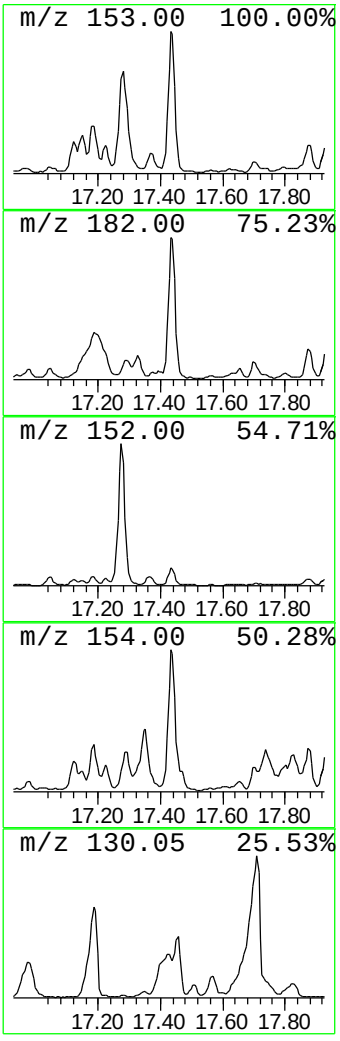
Peak Number 20 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	8.31 ng/ul	4425800	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	47
2	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	46
3	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	38
4	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	35
5	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	35





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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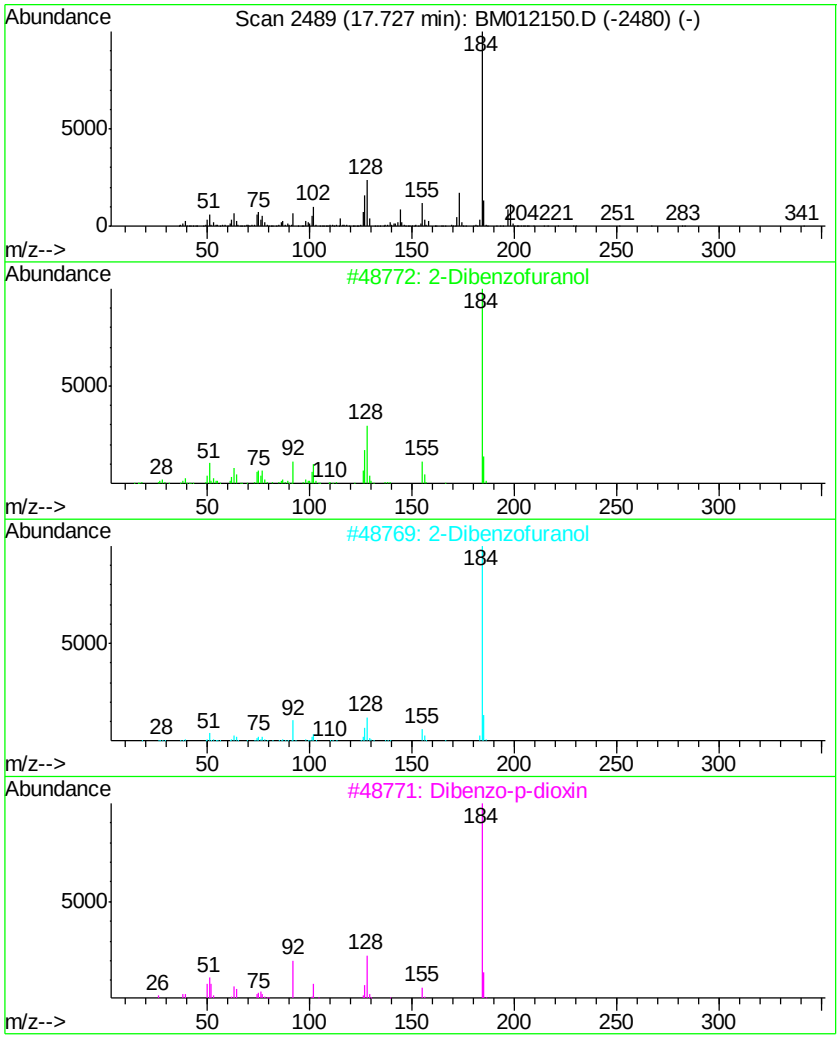
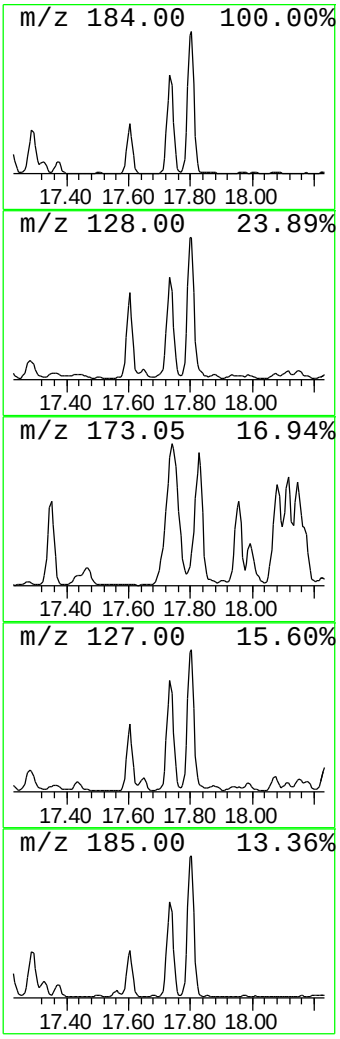
Peak Number 21 2-Dibenzofuranol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	25.32 ng/ul	13479100	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	72
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	64
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	64





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Instrument : BNA_M
ClientSampleId : BE2N9

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Quant Title : SVOA CALIBRATION

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

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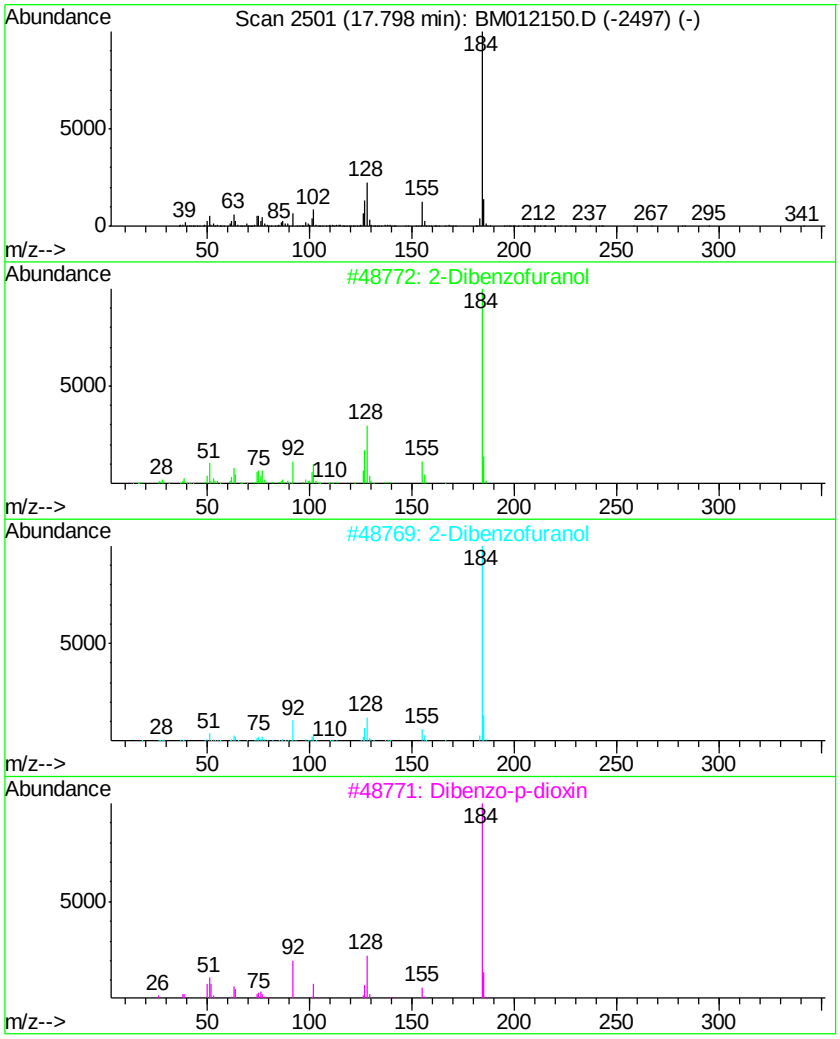
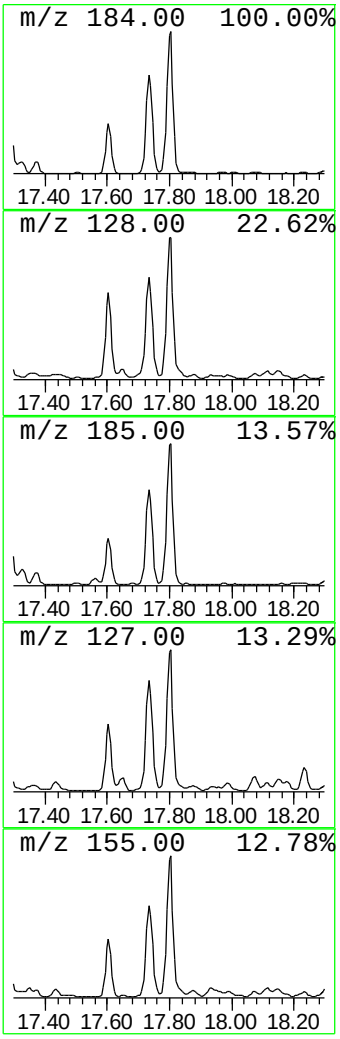
Peak Number 22 Dibenzo-p-dioxin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	18.95 ng/ul	10088000	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	90
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	74
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	53





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Instrument : BNA_M
ClientSampleId : BE2N9

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Quant Title : SVOA CALIBRATION

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

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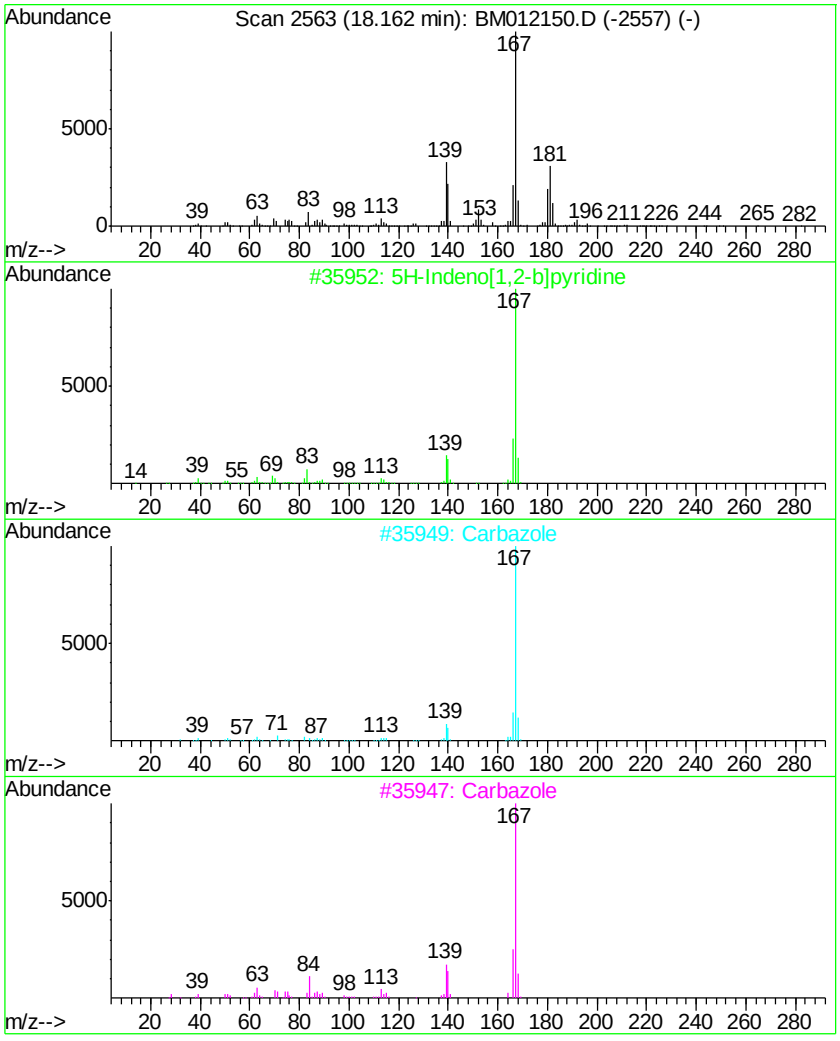
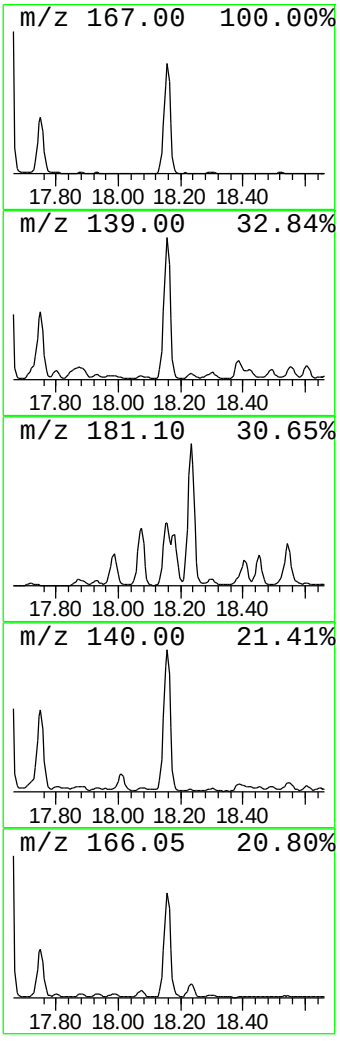
Peak Number 24 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	19.05 ng/ul	10140300	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	89
2	Carbazole	167	C12H9N	000086-74-8	76
3	Carbazole	167	C12H9N	000086-74-8	64
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	60
5	2-Azafluorene	167	C12H9N	000244-40-6	59





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ALS Vial : 8 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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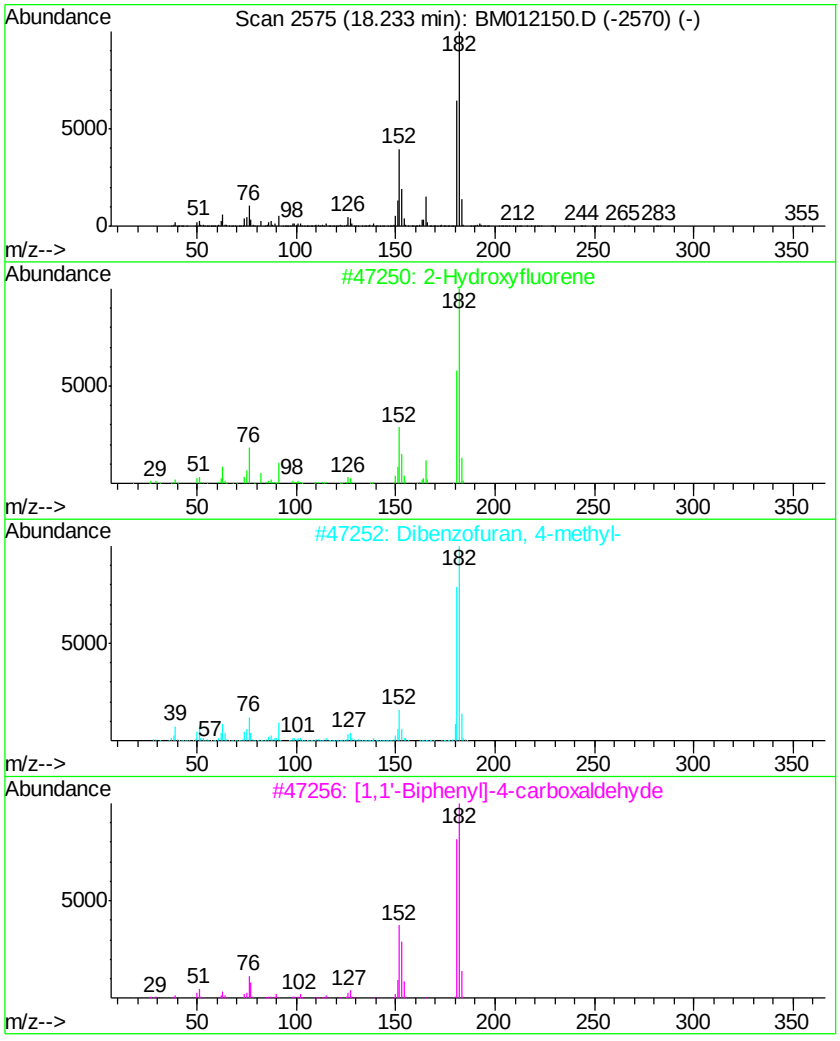
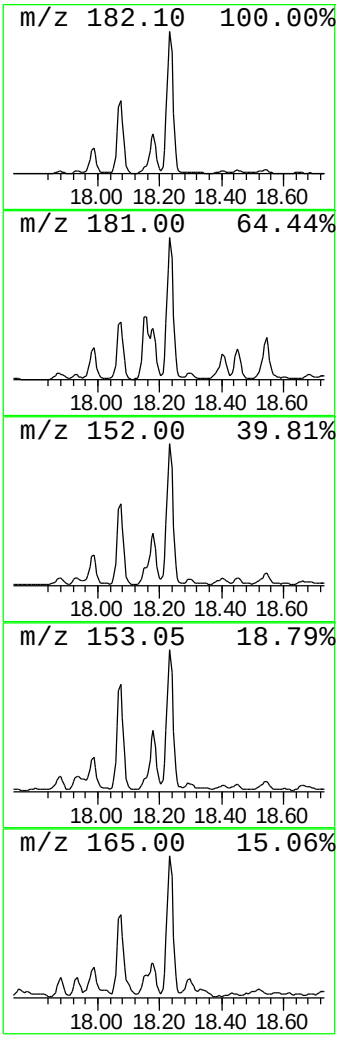
Peak Number 25 2-Hydroxyfluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	12.83 ng/ul	6828780	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58





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Quant Title : SVOA CALIBRATION

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

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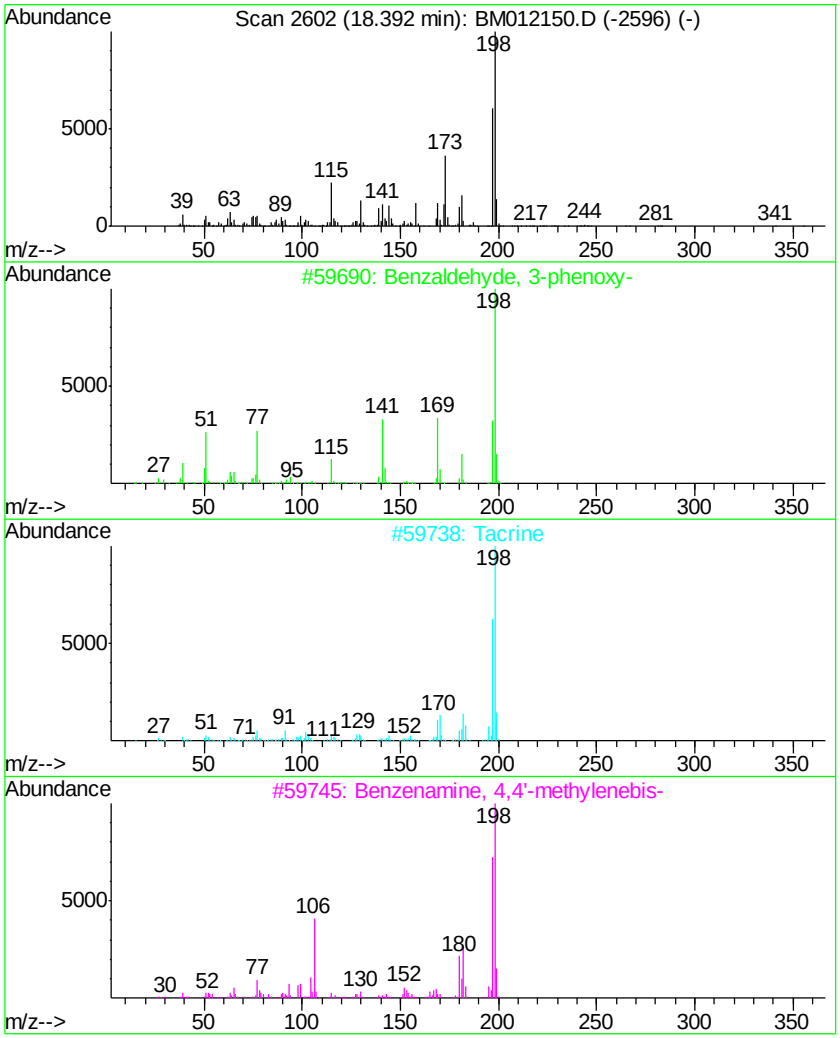
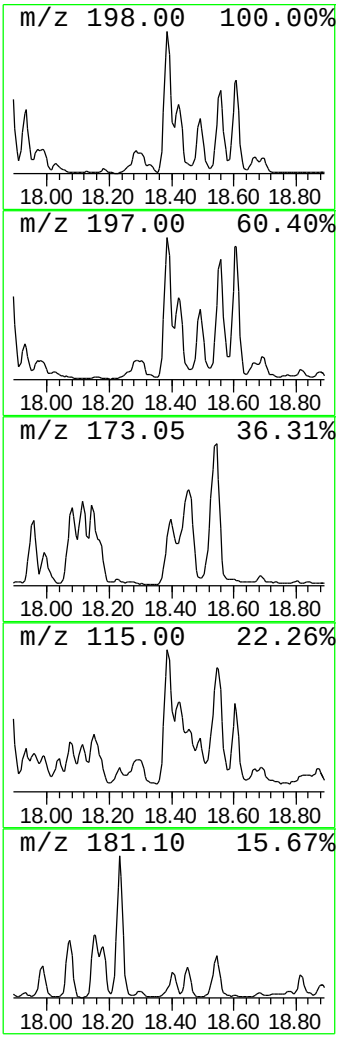
Peak Number 26 Benzaldehyde, 3-phenoxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	13.93 ng/ul	7418560	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-phenoxy-	198	C13H10O2	039515-51-0	58
2	Tacrine	198	C13H14N2	000321-64-2	53
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	50
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	49





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Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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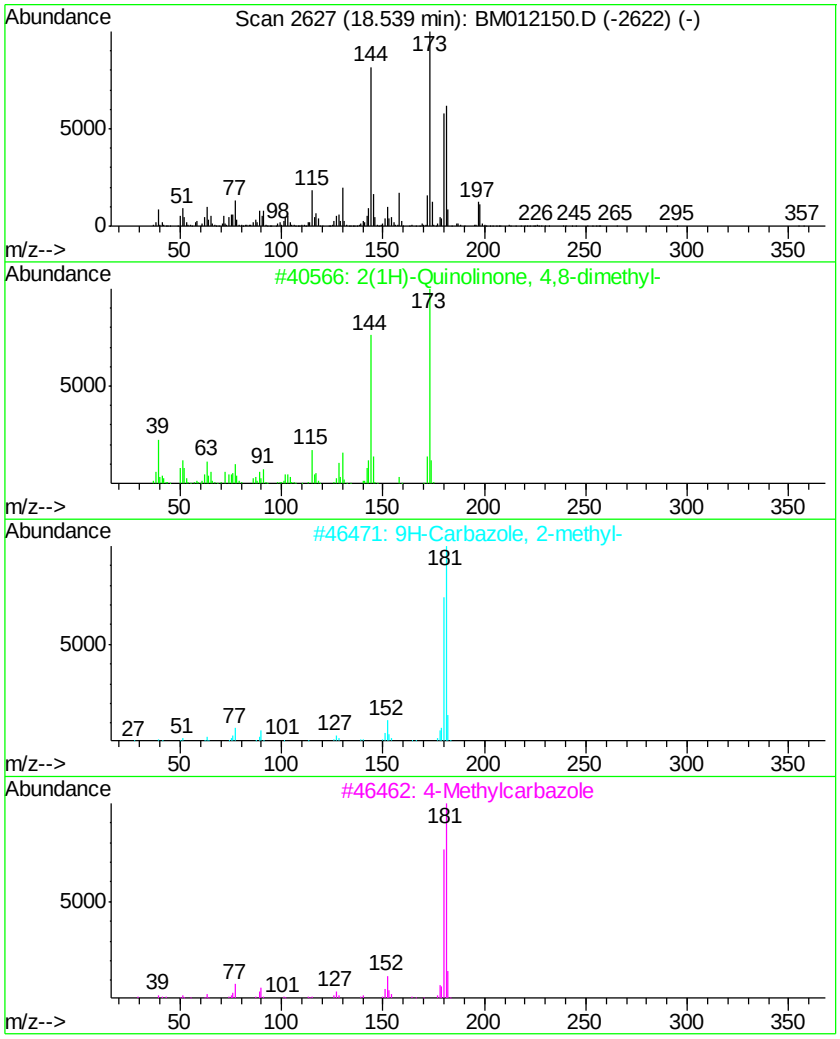
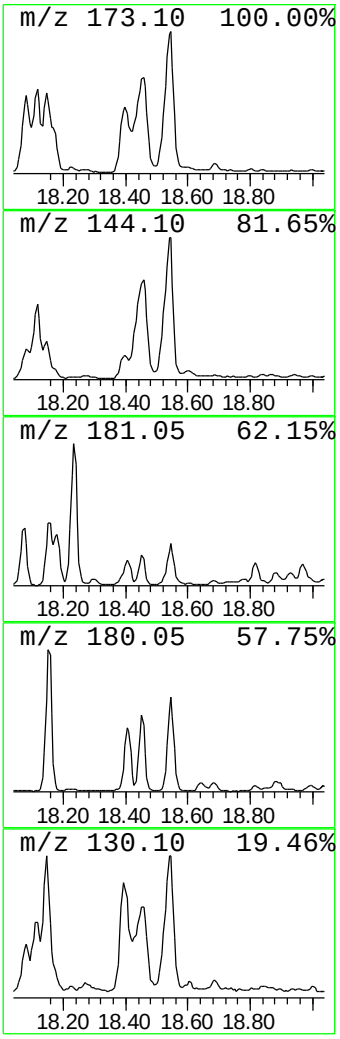
Peak Number 27 2(1H)-Quinolinone, 4,8-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	10.44 ng/ul	5557820	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 4,8-dimethyl-	173	C11H11NO	1000351-64-0	64
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	60
3	4-Methylcarbazole	181	C13H11N	003770-48-7	60
4	2(1H)-Quinolinone, 4,6-dimethyl-	173	C11H11NO	023947-37-7	43
5	3,5-Dimethyl-4-(2-furyl)pyridine	173	C11H11NO	078563-72-1	42





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Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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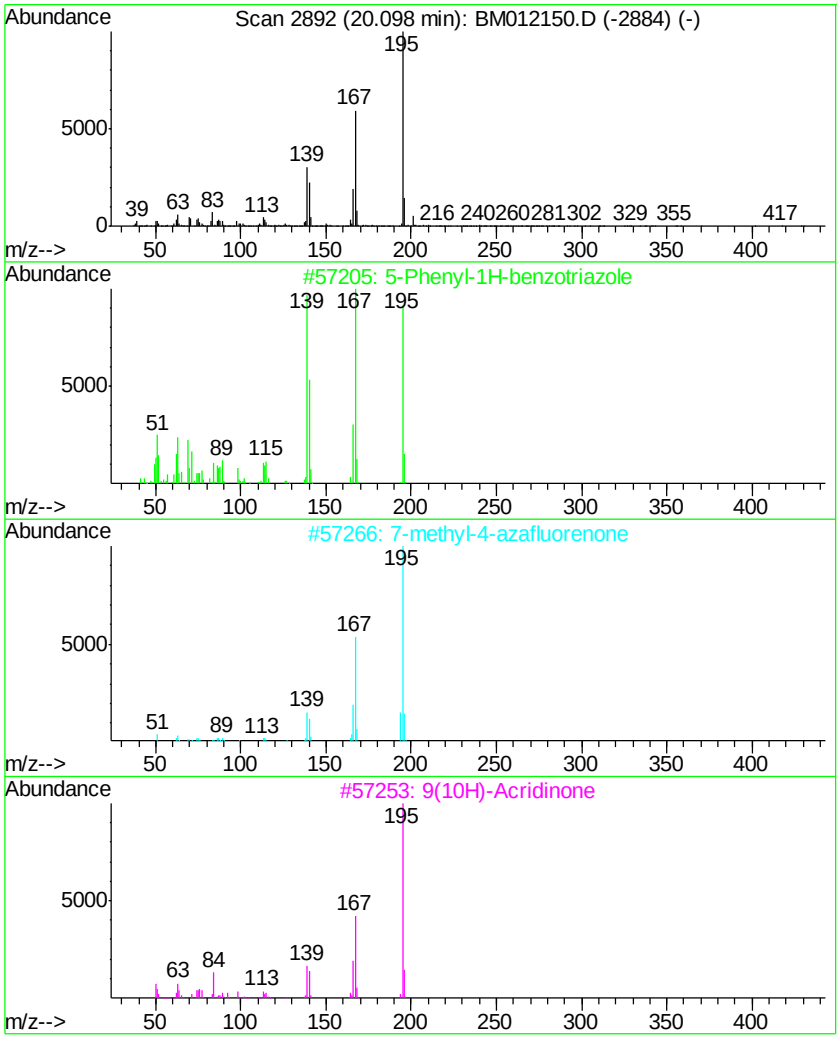
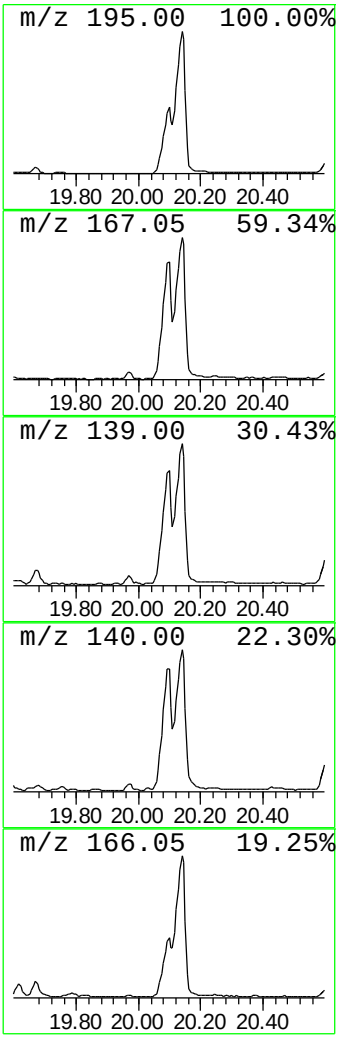
Peak Number 28 5-Phenyl-1H-benzotriazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	11.40 ng/ul	5948830	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Phenyl-1H-benzotriazole	195	C12H9N3	025877-73-0	95
2	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	87
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	87
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	86
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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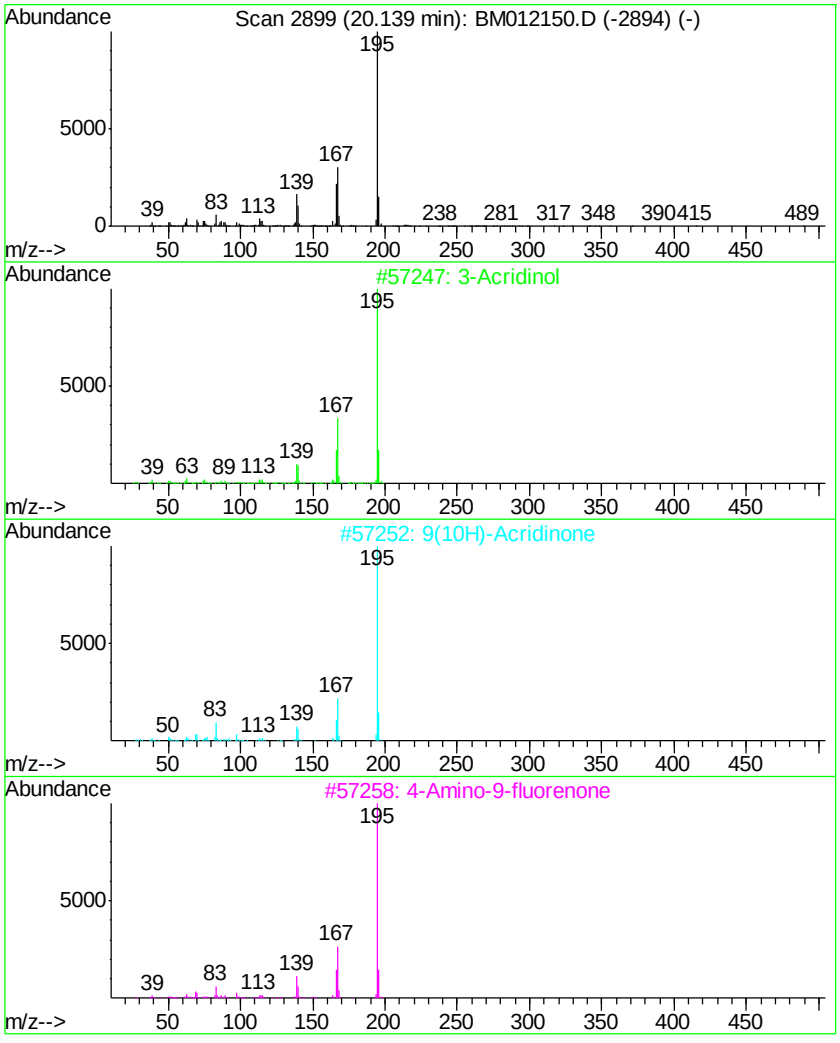
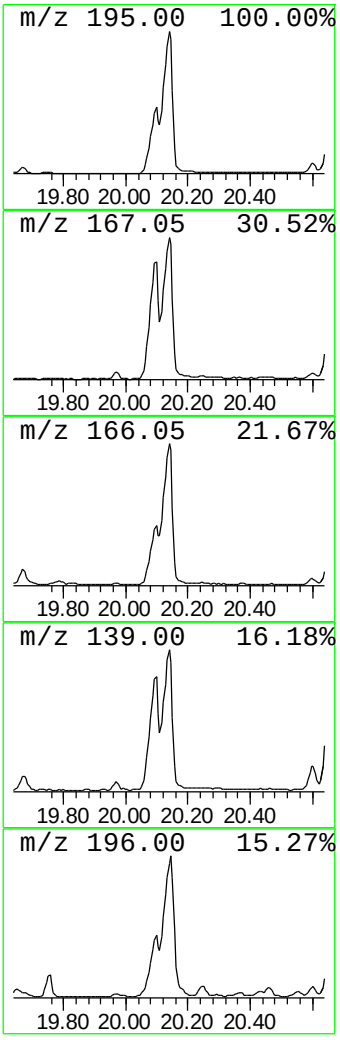
Peak Number 29 3-Acridinol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	20.00 ng/ul	10438600	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acridinol	195	C13H9NO	007132-70-9	94
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Benzene, 1-ethyl-...	6.90	17.3	ng/ul	4017240	1	7.83	4655660	20.0
Benzofuran	7.55	82.7	ng/ul	19252200	1	7.83	4655660	20.0
Indane	8.22	319.9	ng/ul	74454900	1	7.83	4655660	20.0
Indene	8.39	358.2	ng/ul	83385700	1	7.83	4655660	20.0
Benzofuran, 7-met...	9.19	27.7	ng/ul	6450320	1	7.83	4655660	20.0
Naphthalene, 2,3-...	13.63	2.3	ng/ul	4835450	3	14.48	42588100	20.0
Naphthalene, 1,7-...	13.80	3.4	ng/ul	7183720	3	14.48	42588100	20.0
2-Naphthalenecarb...	14.62	2.6	ng/ul	5561830	3	14.48	42588100	20.0
trans-4-Phenyl-3-...	15.04	4.3	ng/ul	9225210	3	14.48	42588100	20.0
1(2H)-Acenaphthyl...	16.22	13.7	ng/ul	7289290	4	17.23	10648500	20.0
3-Hydroxybiphenyl	16.42	7.3	ng/ul	3864800	4	17.23	10648500	20.0
p-Hydroxybiphenyl	16.49	15.4	ng/ul	8191000	4	17.23	10648500	20.0
1-Naphthalenol, 2...	16.84	8.5	ng/ul	4507840	4	17.23	10648500	20.0
unknown-01	17.43	8.3	ng/ul	4425800	4	17.23	10648500	20.0
2-Dibenzofuranol	17.73	25.3	ng/ul	13479100	4	17.23	10648500	20.0
Dibenzo-p-dioxin	17.80	18.9	ng/ul	10088000	4	17.23	10648500	20.0
5H-Indeno[1,2-b]p...	18.16	19.1	ng/ul	10140300	4	17.23	10648500	20.0
2-Hydroxyfluorene	18.23	12.8	ng/ul	6828780	4	17.23	10648500	20.0
Benzaldehyde, 3-p...	18.39	13.9	ng/ul	7418560	4	17.23	10648500	20.0
2(1H)-Quinolinone...	18.54	10.4	ng/ul	5557820	4	17.23	10648500	20.0
5-Phenyl-1H-benzo...	20.10	11.4	ng/ul	5948830	5	21.40	10438600	20.0
3-Acridinol	20.14	20.0	ng/ul	10438600	5	21.40	10438600	20.0