LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012213.D
Acq On : 15 Oct 2017 17:40
Operator : SJ/JU
Sample : I5772-11DL2 100X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9DL2

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	5.810	456	463	470	rBV	54528	92916	1.07%	0.354%
2	7.451	735	742	750	rBV	97424	160185	1.84%	0.611%
3	7.534	750	756	768	rVB	93472	165541	1.90%	0.631%
4	7.810	797	803	814	rBV	586661	992966	11.39%	3.788%
5	8.181	859	866	876	rBV	427110	707664	8.12%	2.699%
6	8.345	887	894	906	rBV	455934	791392	9.08%	3.019%
7	9.298	1042	1056	1063	rBV	77563	186280	2.14%	0.711%
8	10.010	1168	1177	1188	rBV4	58186	149572	1.72%	0.571%
9	10.616	1272	1280	1283	rBV	888147	1509910	17.32%	5.759%
10	10.669	1283	1289	1302	rVV	5149670	8715633	100.00%	33.244%
11	10.786	1302	1309	1323	rVB	378539	702295	8.06%	2.679%
12	12.286	1558	1564	1575	rBV	62753	114805	1.32%	0.438%
13	12.504	1590	1601	1612	rBV	286535	501055	5.75%	1.911%
14	13.298	1730	1736	1749	rVB	81784	145067	1.66%	0.553%
15	14.463	1925	1934	1941	rBV2	1445939	2299681	26.39%	8.772%
16	14.527	1941	1945	1954	rVV	357716	533857	6.13%	2.036%
17	14.869	1997	2003	2008	rBV	188880	300203	3.44%	1.145%
18	15.516	2108	2113	2119	rBV	153149	222919	2.56%	0.850%
19	15.669	2130	2139	2145	rBV4	41839	102950	1.18%	0.393%
20	16.204	2223	2230	2238	rBV4	58162	117910	1.35%	0.450%
21	17.215	2396	2402	2407	rBV	1789514	2553980	29.30%	9.742%
22	17.257	2407	2409	2415	rVB	167780	201307	2.31%	0.768%
23	17.621	2467	2471	2482	rVB	219586	353164	4.05%	1.347%
24	17.727	2483	2489	2495	rBV3	56455	126385	1.45%	0.482%
25	17.786	2495	2499	2507	rVB2	59302	100097	1.15%	0.382%
26	18.145	2554	2560	2568	rBV2	60831	131865	1.51%	0.503%
27	18.215	2568	2572	2579	rVV	57930	93574	1.07%	0.357%
28	21.398	3108	3113	3119	rBV	1795194	2450161	28.11%	9.346%
29	23.709	3501	3506	3515	rVB	907535	1693445	19.43%	6.459%

Sum of corrected areas: 26216779

LSC Report - Integrated Chromatogram

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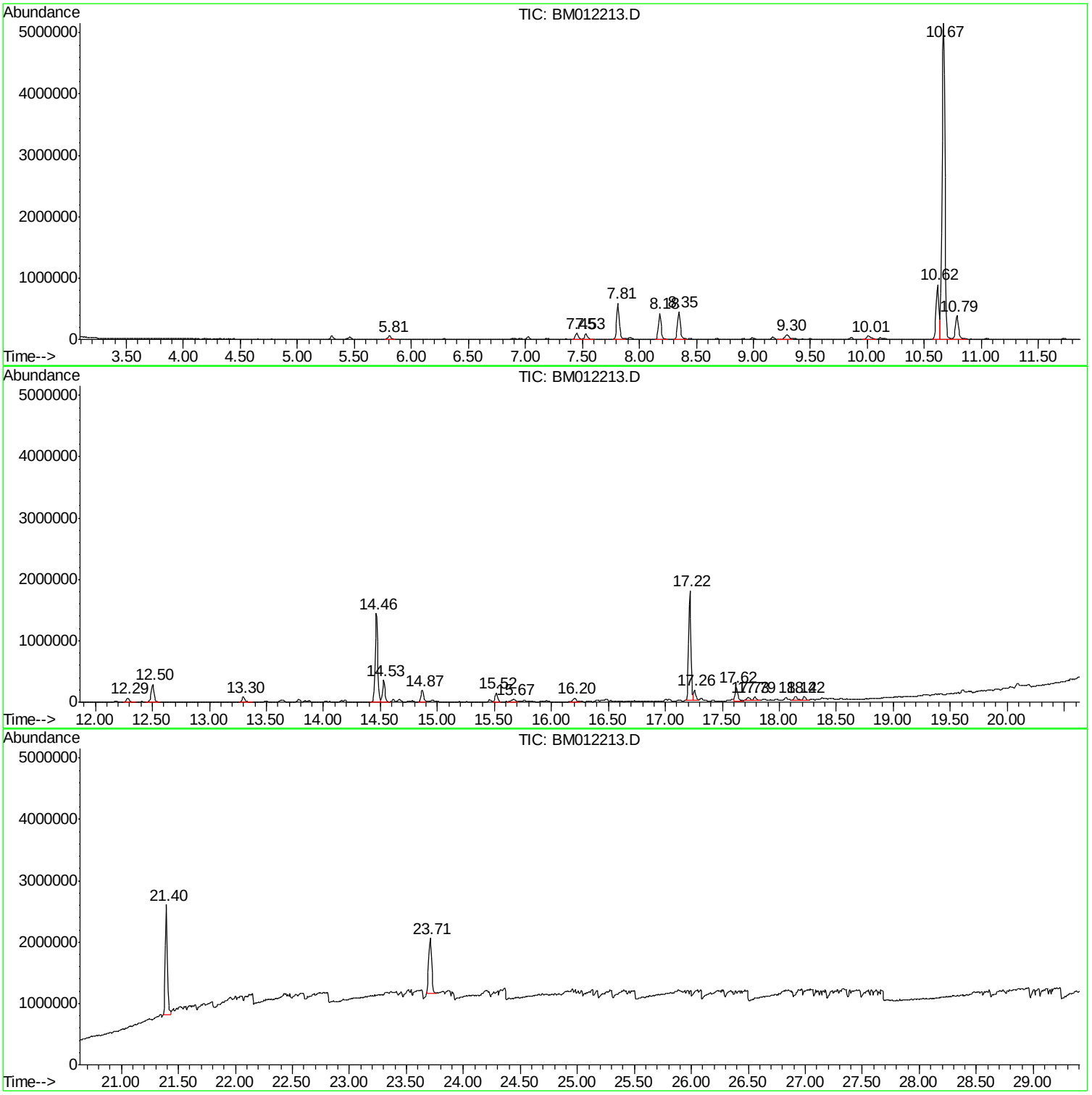
Data File : BM012213.D
Acq On : 15 Oct 2017 17:40
Operator : SJ/JU
Sample : I5772-11DL2 100X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9DL2

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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Instrument : BNA_M
ClientSampleId : BE2N9DL2

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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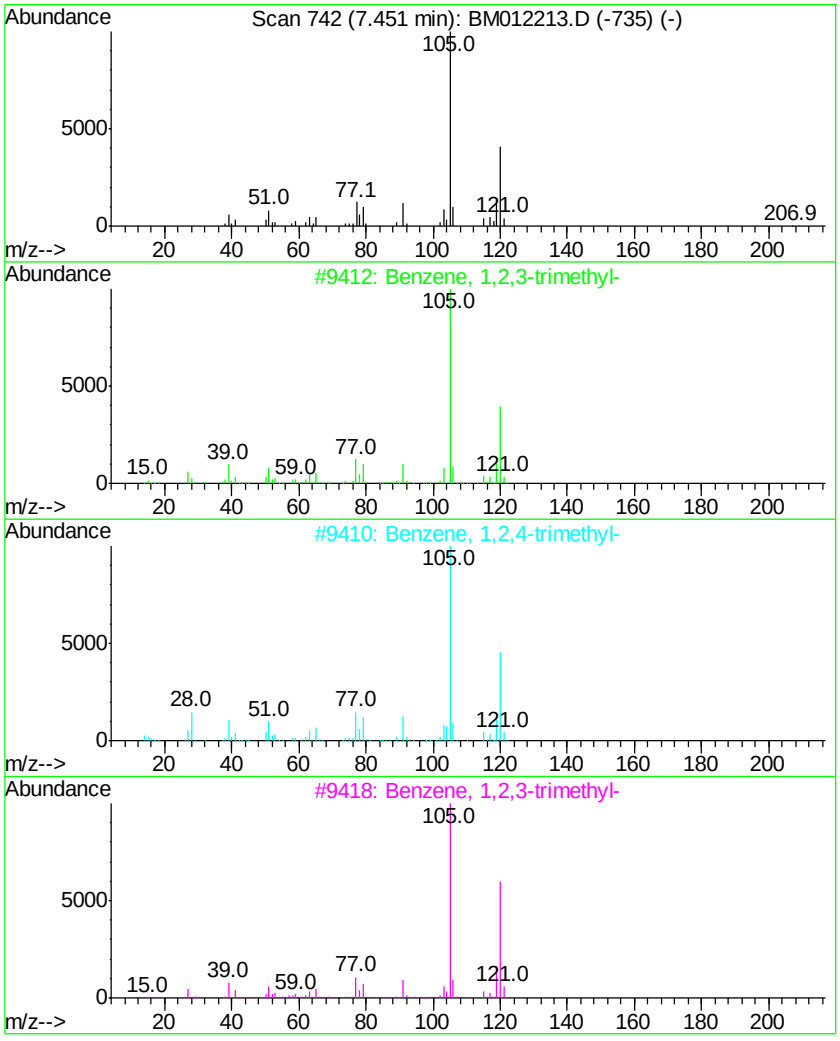
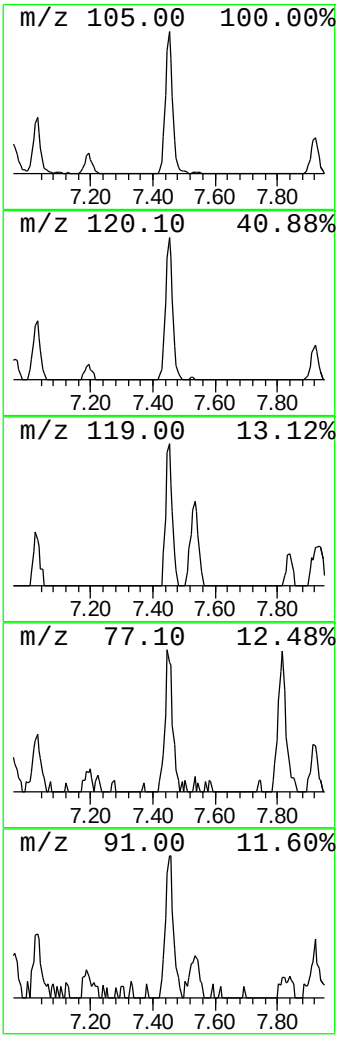
Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.23 ng/ul	160185	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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Data File : BM012213.D
Acq On : 15 Oct 2017 17:40
Operator : SJ/JU
Sample : I5772-11DL2 100X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9DL2

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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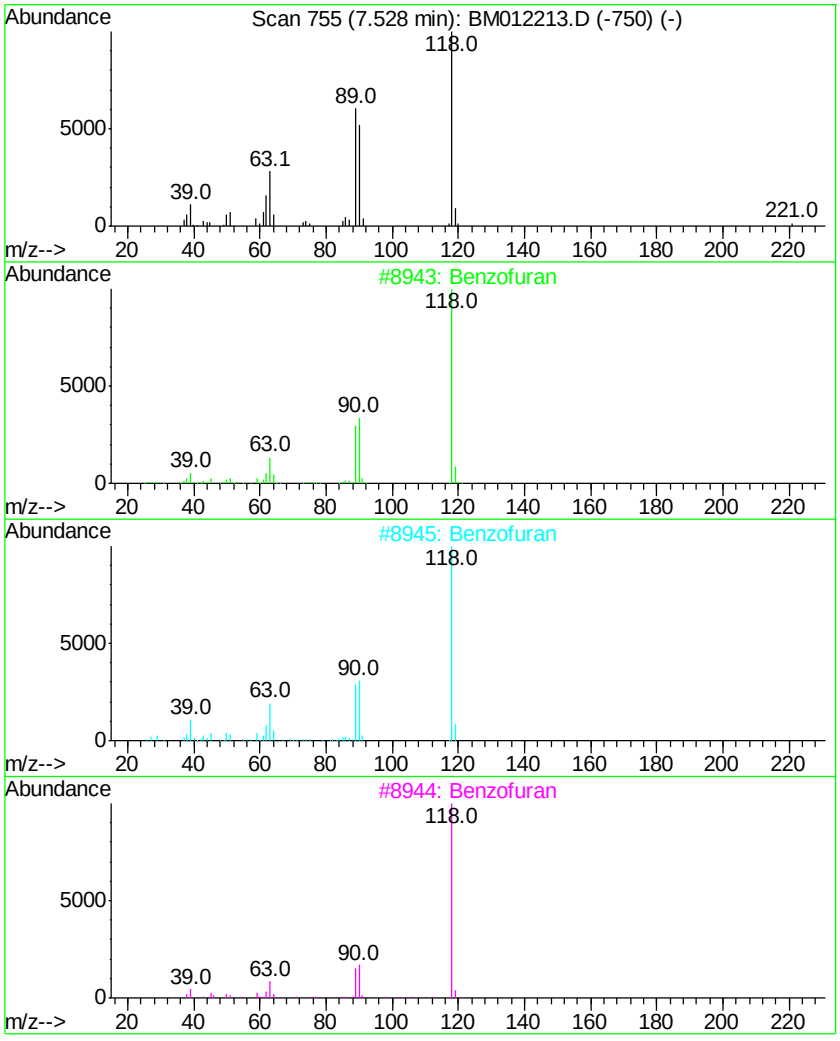
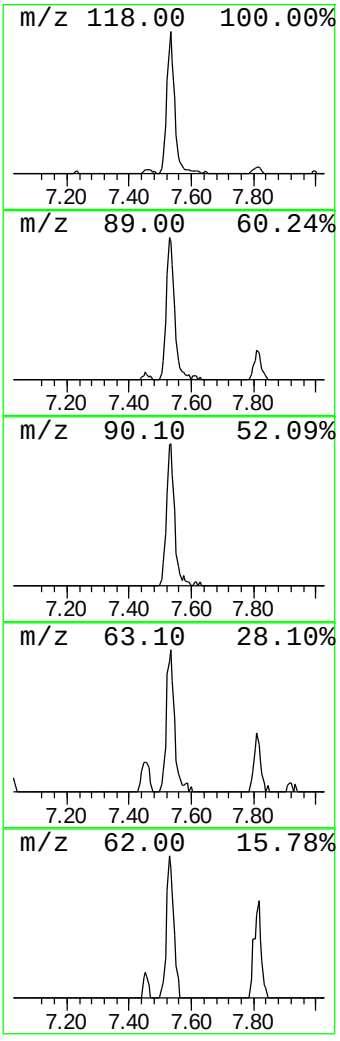
Peak Number 2 Benzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	3.33 ng/ul	165541	1,4-Dichlorobenzene-d4	7.81

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	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	80
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	53





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Data File : BM012213.D
Acq On : 15 Oct 2017 17:40
Operator : SJ/JU
Sample : I5772-11DL2 100X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9DL2

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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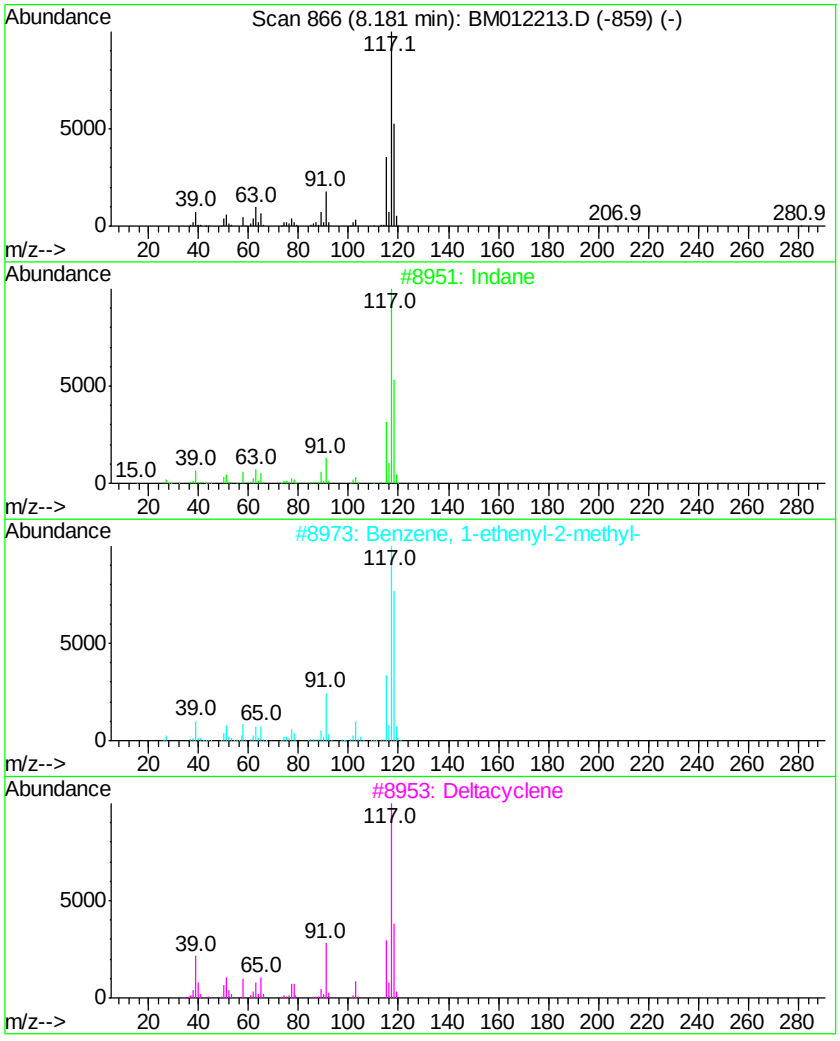
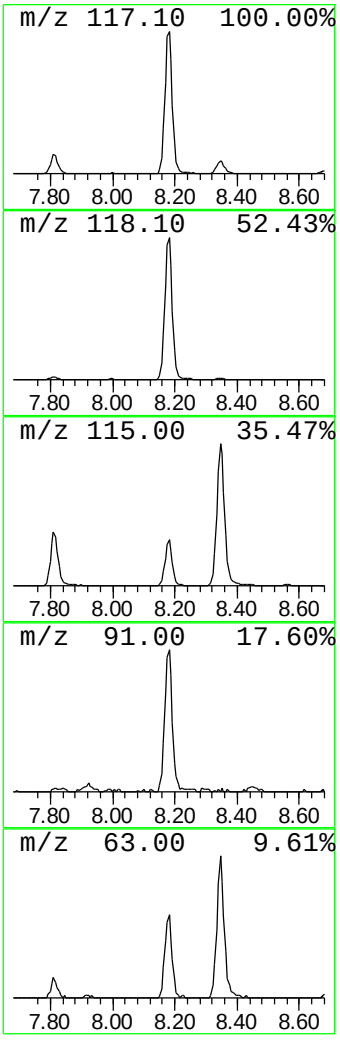
Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	14.25 ng/ul	707664	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
3	Deltacyclene	118	C9H10	007785-10-6	68
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9DL2

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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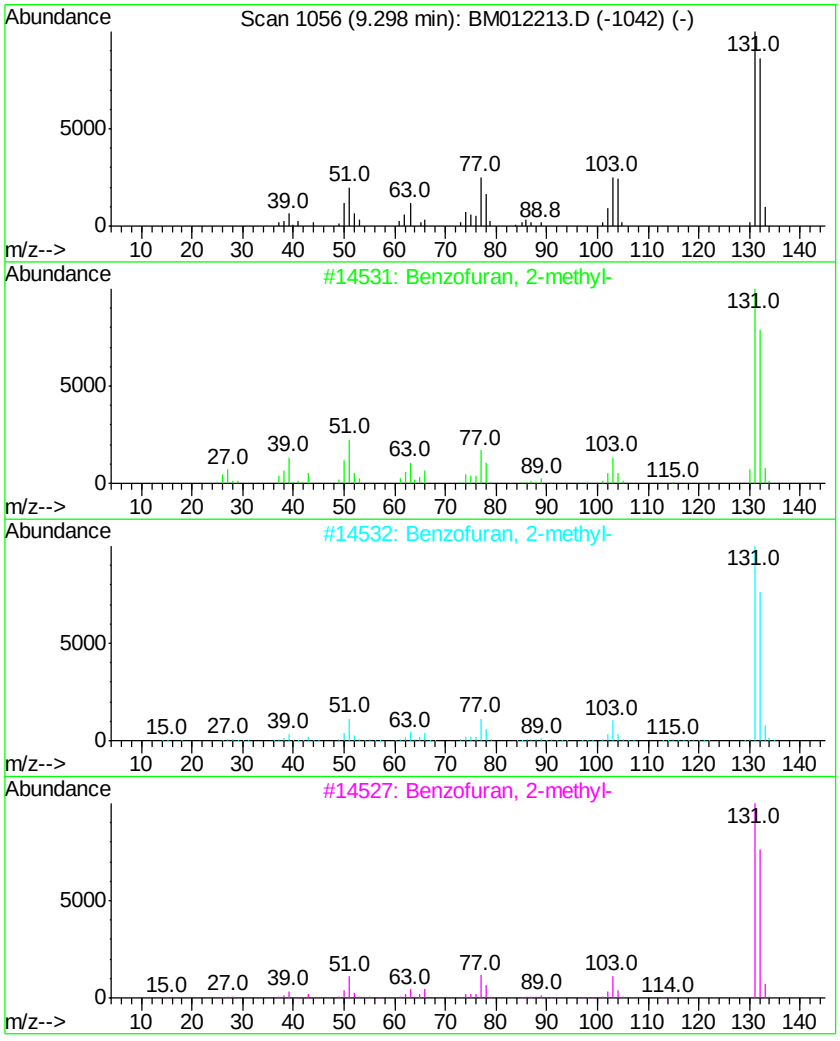
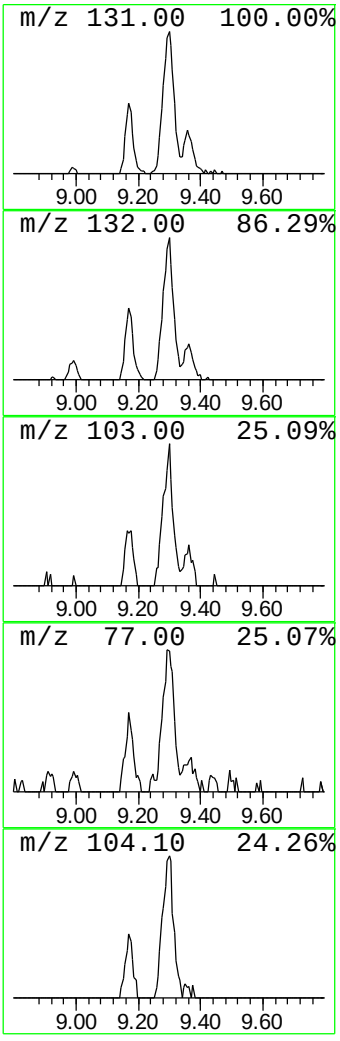
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	2.47 ng/ul	186280	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	1H-Indenol	132	C9H8O	056631-57-3	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012213.D
Acq On : 15 Oct 2017 17:40
Operator : SJ/JU
Sample : I5772-11DL2 100X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9DL2

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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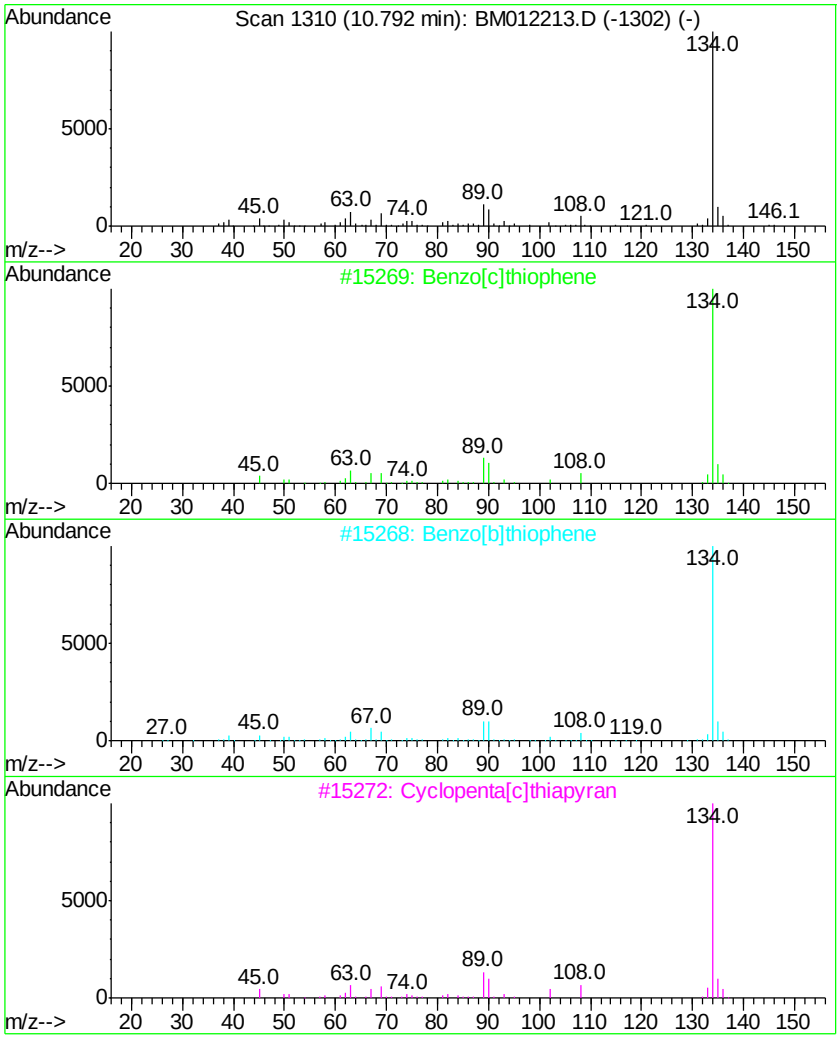
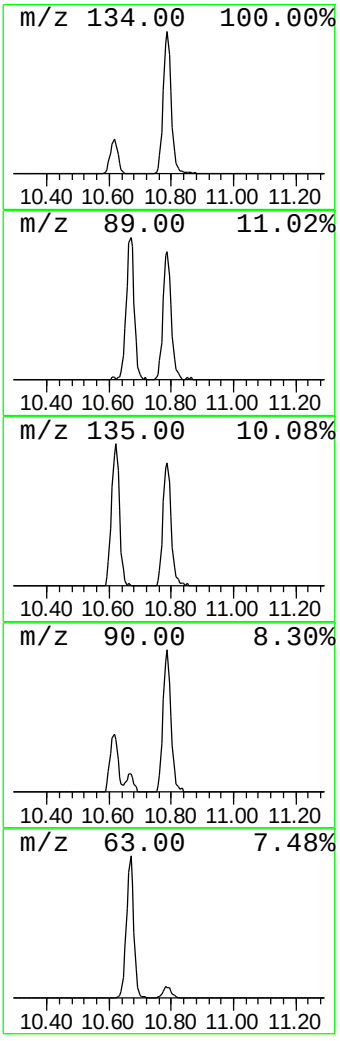
Peak Number 6 Benzo[c]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	9.30 ng/ul	702295	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	94





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2N9DL2

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

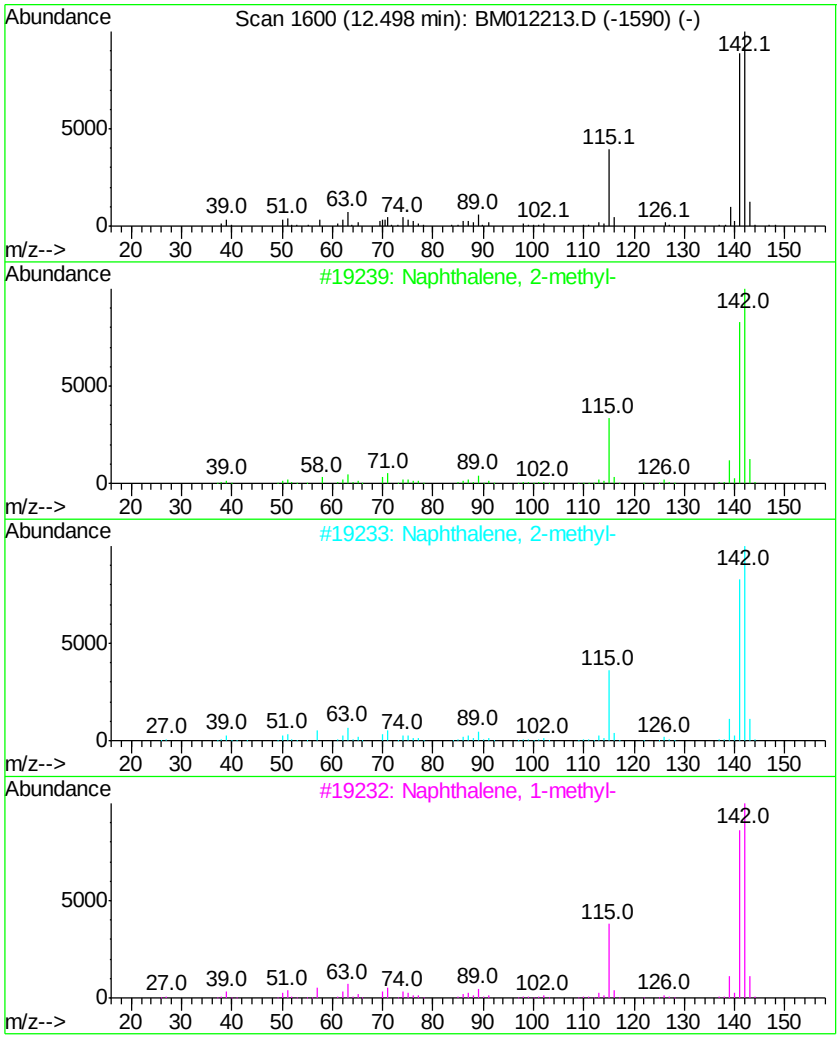
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

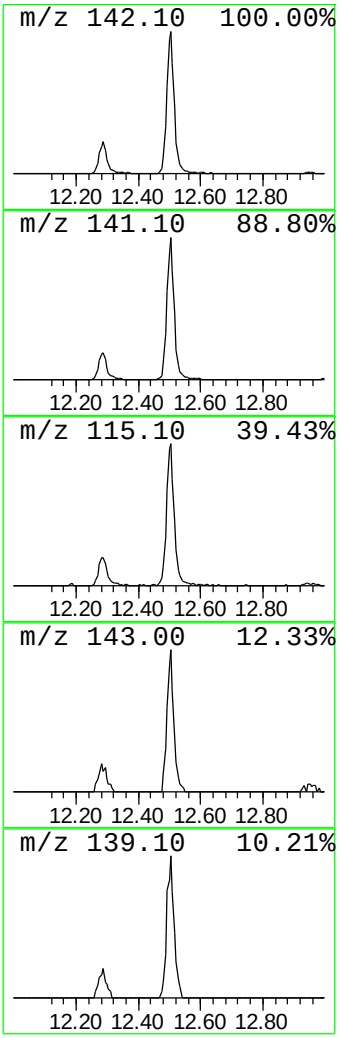
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.64 ng/ul	501055	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : BE2N9DL2

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, 1,2,3-tr...	7.45	3.2	ng/ul	160185	1	7.81	992966	20.0
Benzofuran	7.53	3.3	ng/ul	165541	1	7.81	992966	20.0
Indane	8.18	14.3	ng/ul	707664	1	7.81	992966	20.0
Benzofuran, 2-met...	9.30	2.5	ng/ul	186280	2	10.62	1509910	20.0
Benzo[c]thiophene	10.79	9.3	ng/ul	702295	2	10.62	1509910	20.0
Naphthalene, 1-me...	12.50	6.6	ng/ul	501055	2	10.62	1509910	20.0