LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012838.D
Acq On : 09 Nov 2017 01:18
Operator : SJ/JU
Sample : I6150-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

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-BM110417MA.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	7.787	792	799	806	rVB2	1341732	2518203	1.08%	0.539%
2	8.087	838	850	857	rVB2	21378566	41350707	17.79%	8.850%
3	8.439	905	910	917	rVB2	1309548	2462008	1.06%	0.527%
4	8.804	967	972	978	rVB	1496815	2429039	1.05%	0.520%
5	8.904	978	989	996	rBV	3793032	6576864	2.83%	1.408%
6	9.010	997	1007	1020	rVB3	3648805	10631252	4.57%	2.275%
7	9.128	1020	1027	1039	rBV3	2280143	6873598	2.96%	1.471%
8	9.281	1049	1053	1061	rVB2	2822367	4745131	2.04%	1.016%
9	9.428	1073	1078	1083	rVV	3025260	5073897	2.18%	1.086%
10	9.486	1083	1088	1099	rVB	4158805	7133095	3.07%	1.527%
11	9.639	1109	1114	1118	rBV	1560199	2575857	1.11%	0.551%
12	9.798	1133	1141	1145	rBV2	1292501	2596229	1.12%	0.556%
13	9.998	1169	1175	1181	rVV2	3082817	6023929	2.59%	1.289%
14	10.569	1265	1272	1279	rVV3	1822842	4312508	1.86%	0.923%
15	10.639	1279	1284	1292	rVV2	2488858	5905905	2.54%	1.264%
16	16.668	2291	2309	2322	rBV	9966166	30936876	13.31%	6.621%
17	17.233	2401	2405	2410	rVB	3248053	4205206	1.81%	0.900%
18	18.251	2527	2578	2581	rBV	38769444	232414302	100.00%	49.740%
19	19.303	2740	2757	2770	rBV3	14401600	66729365	28.71%	14.281%
20	19.415	2770	2776	2793	rVB	12541801	19243966	8.28%	4.118%
21	21.374	3103	3109	3113	rBV2	1525149	2520244	1.08%	0.539%

Sum of corrected areas: 467258181

LSC Report - Integrated Chromatogram

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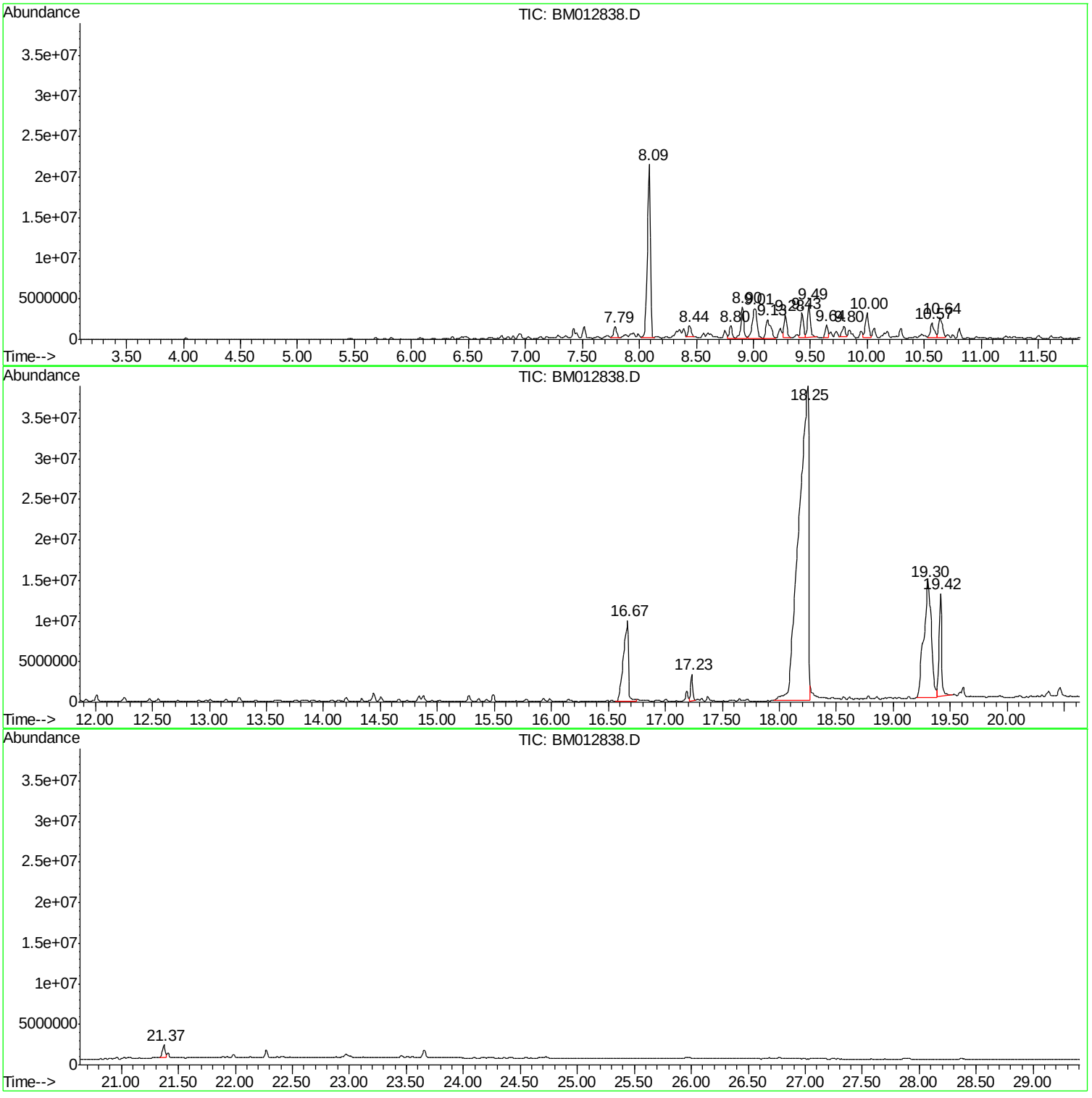
Sample : I6150-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-3(1-2)-102517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012838.D
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Sample : I6150-05 5X
Misc :
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Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

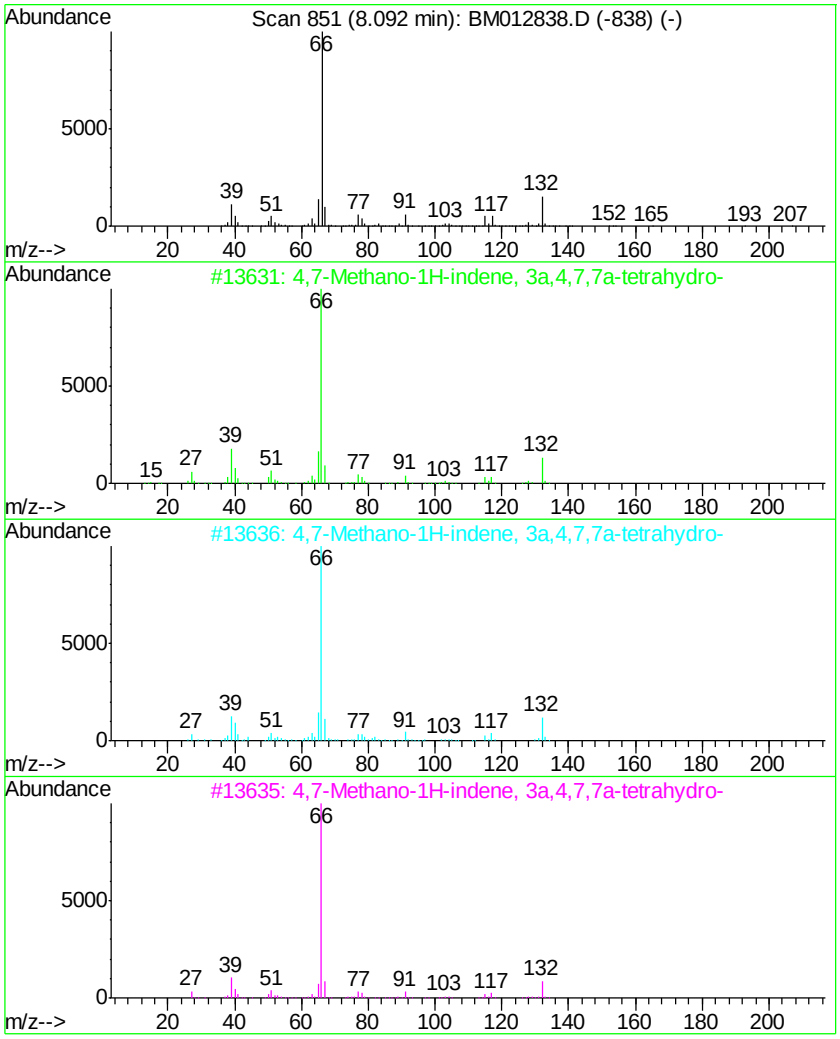
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

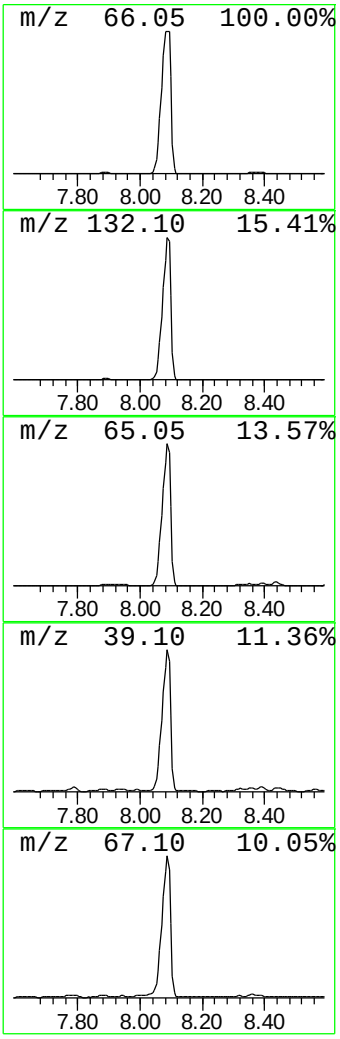
****

Peak Number 1 4,7-Methano-1H-indene, 3a,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	328.41 ng/ul	41350700	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	91
2	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	91
3	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	91
4	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	91
5	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

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Quant Title : SVOA CALIBRATION

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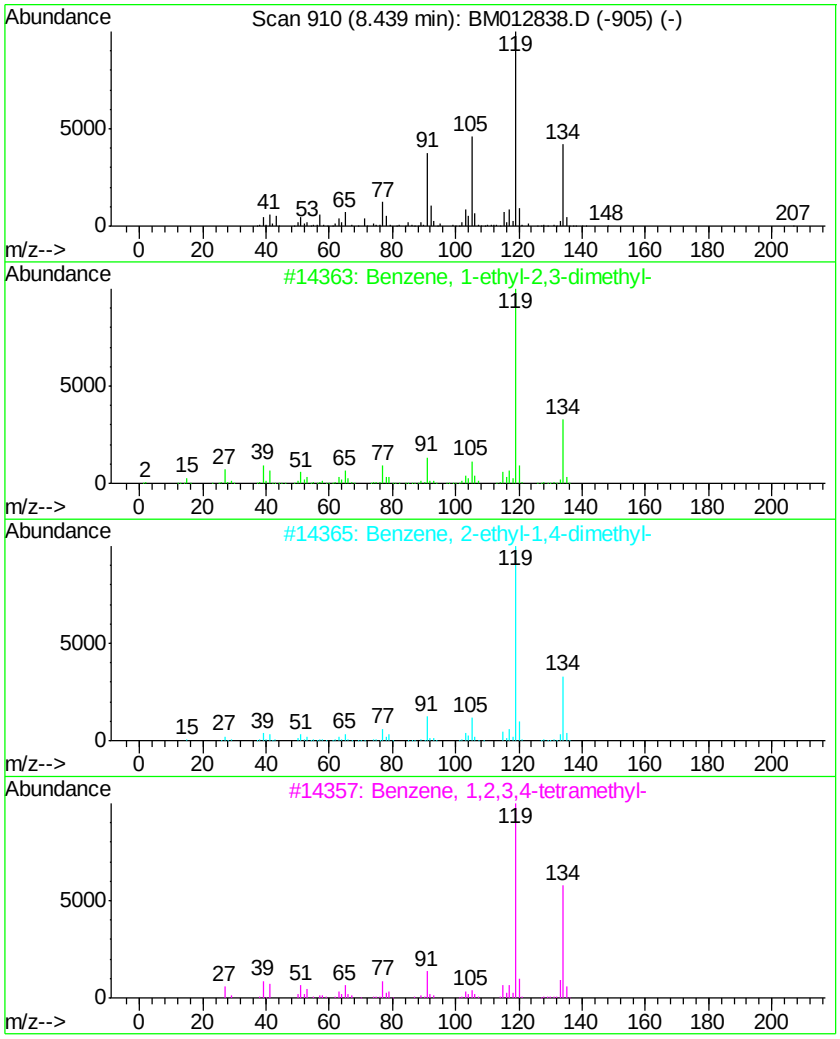
TIC Integration Parameters: LSCINT.P

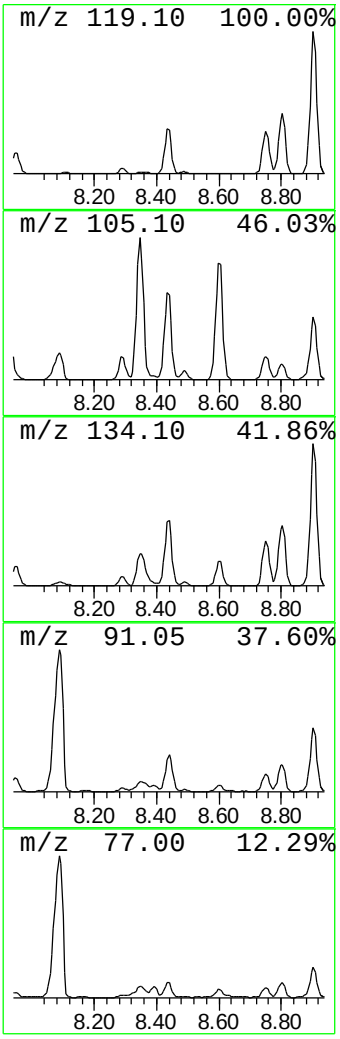
****

Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	19.55 ng/ul	2462010	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Library Search Compound Report

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Data File : BM012838.D
Acq On : 09 Nov 2017 01:18
Operator : SJ/JU
Sample : I6150-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

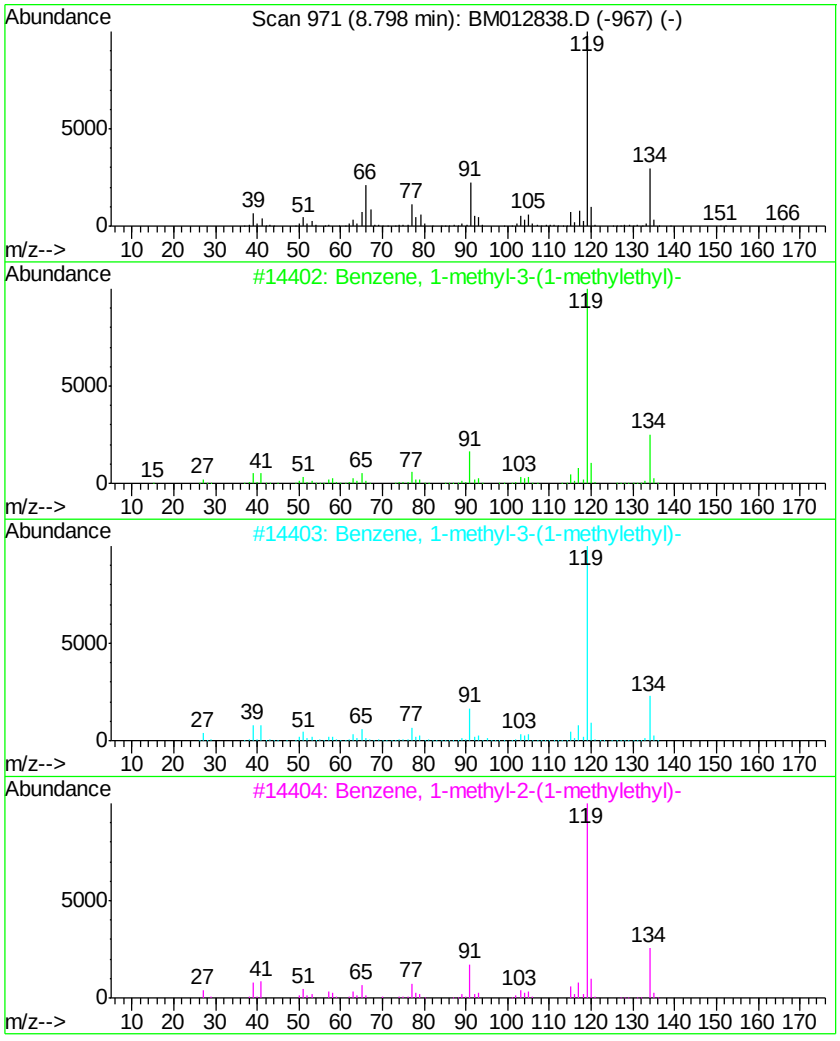
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

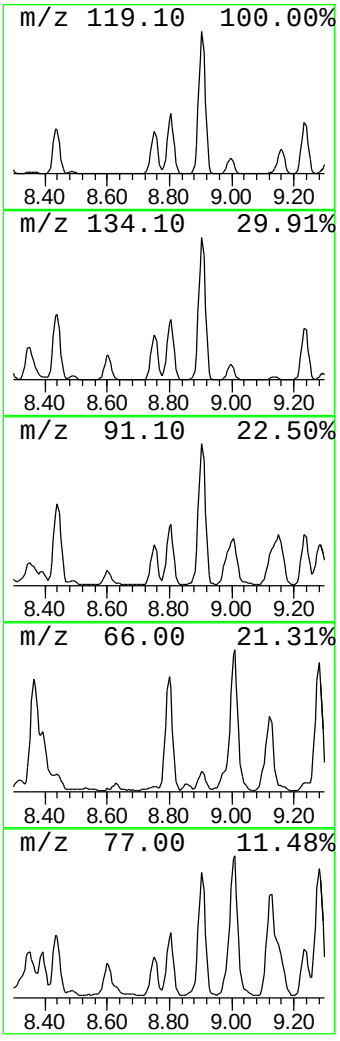
****

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	19.29 ng/ul	2429040	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





Library Search Compound Report

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Operator : SJ/JU
Sample : I6150-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

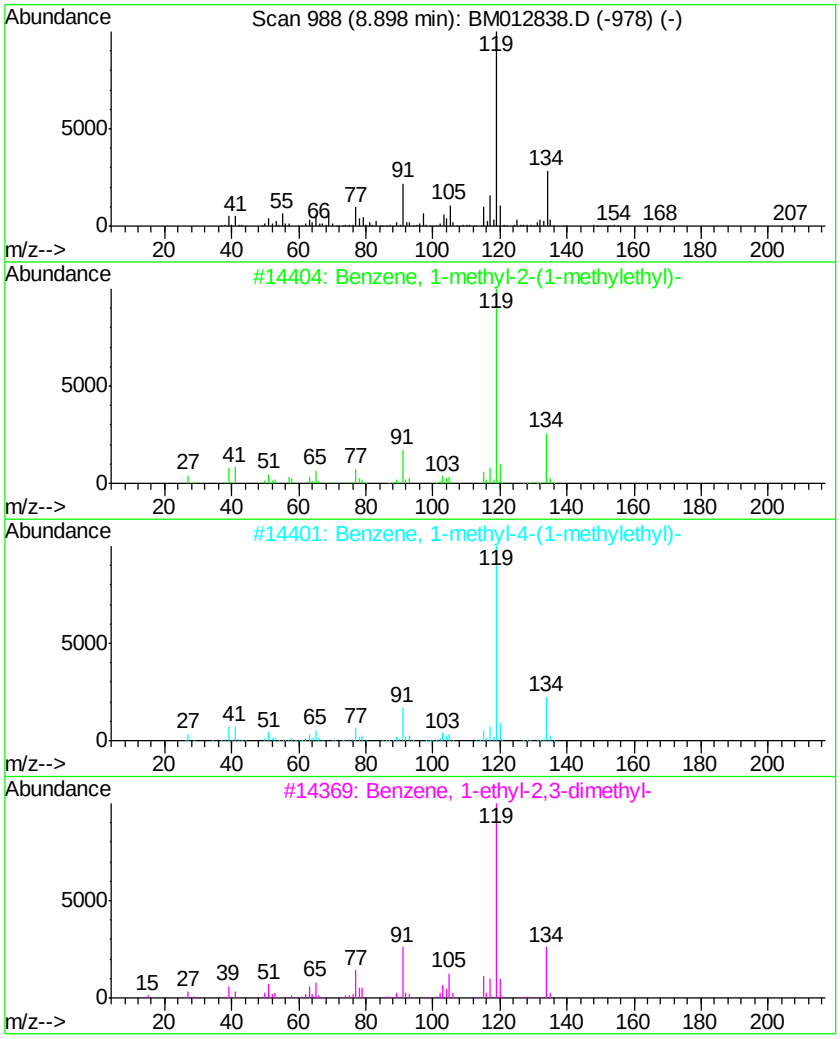
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

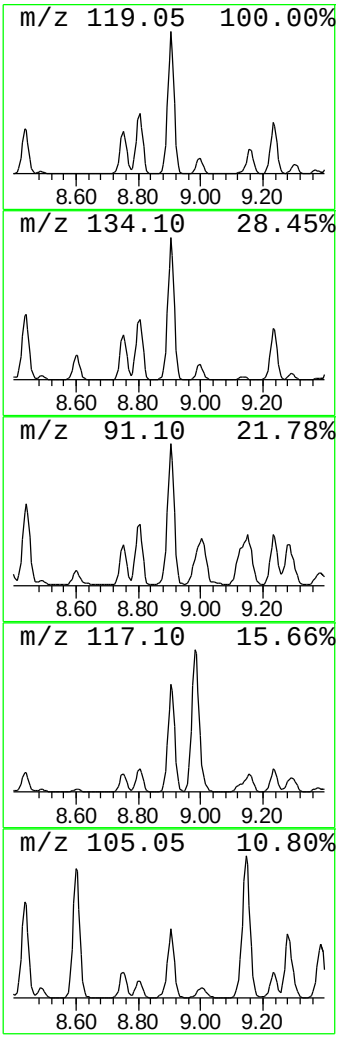
****

Peak Number 4 Benzene, 1-methyl-2-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	52.23 ng/ul	6576860	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
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Acq On : 09 Nov 2017 01:18
Operator : SJ/JU
Sample : I6150-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

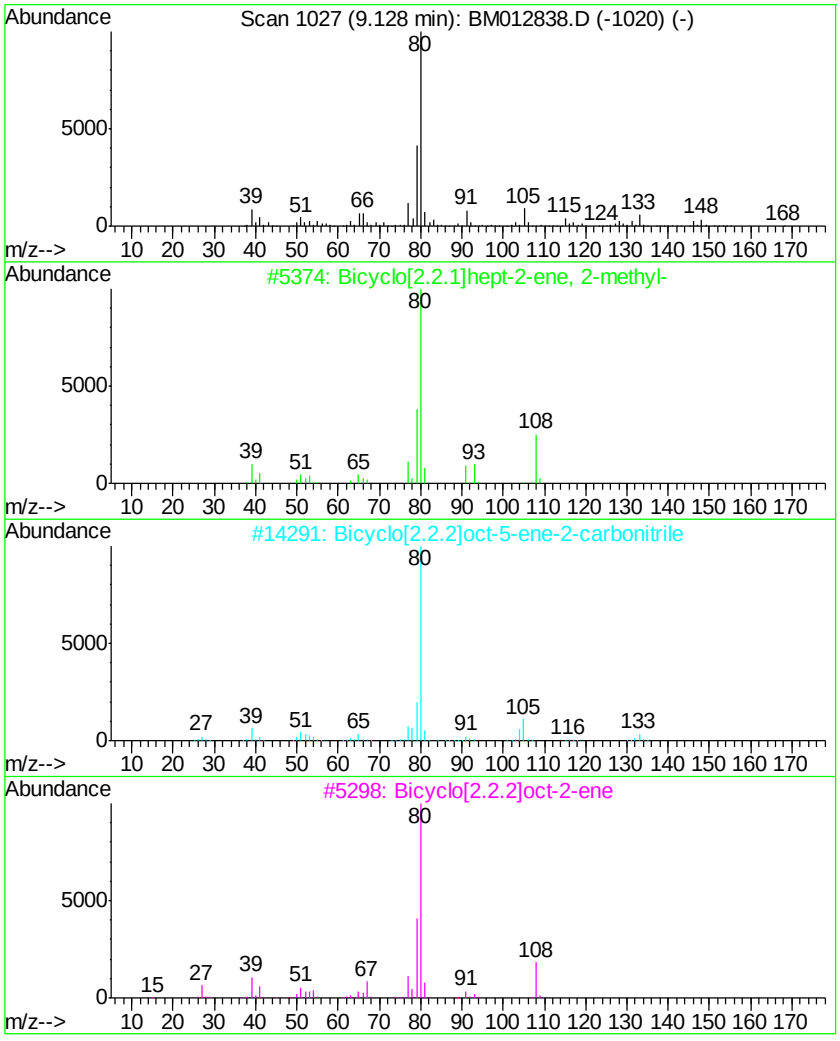
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

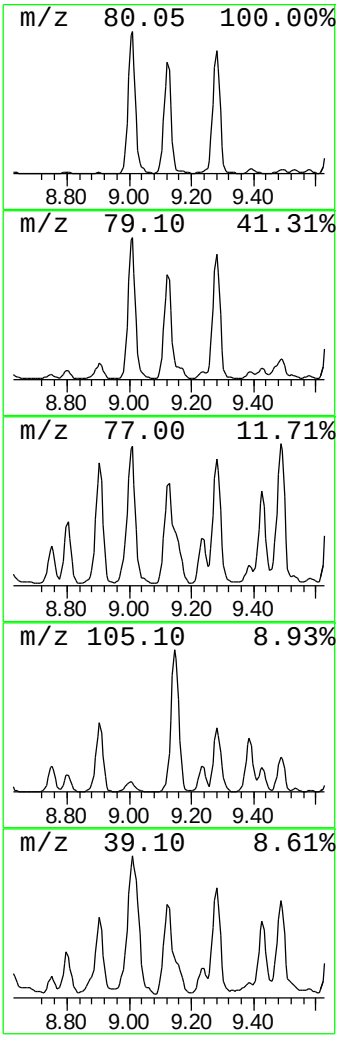
****

Peak Number 5 Bicyclo[2.2.1]hept-2-ene, 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	54.59 ng/ul	6873600	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	83
2	Bicyclo[2.2.2]oct-5-ene-2-carbon...	133	C9H11N	1000164-89-7	78
3	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	74
4	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	74
5	Bicyclo[2.2.1]hept-2-ene, 1-methyl-	108	C8H12	000822-73-1	74





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

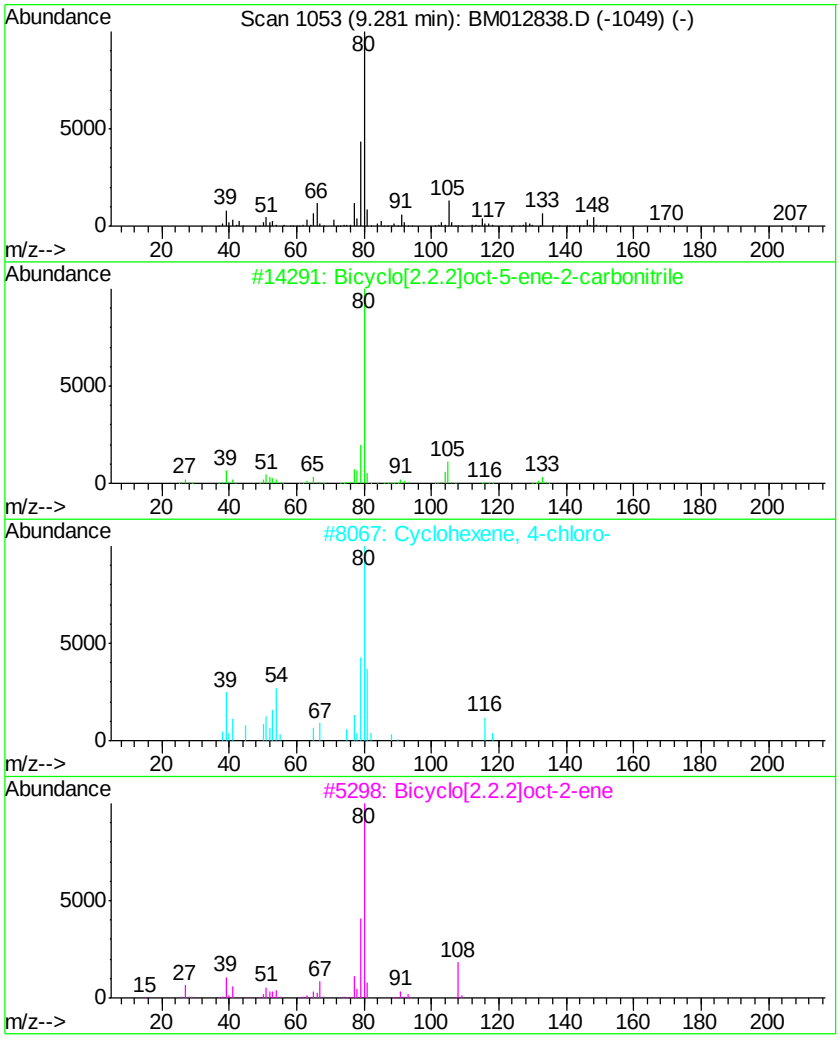
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

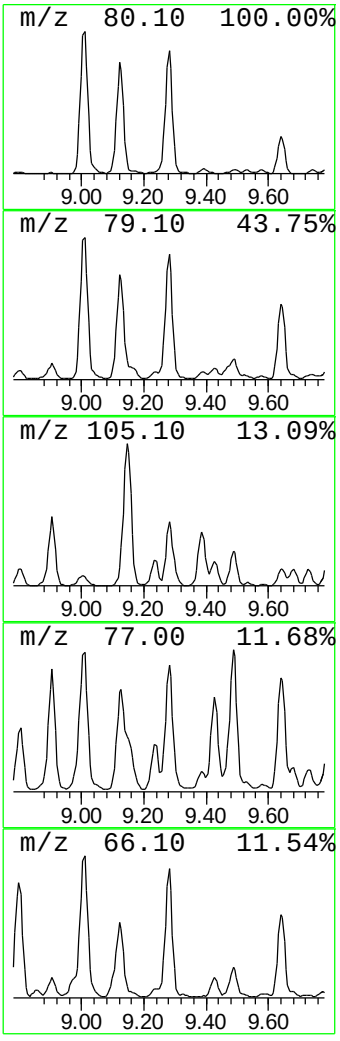
****

Peak Number 6 Bicyclo[2.2.2]oct-5-ene-2-c... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	22.01 ng/ul	4745130	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]oct-5-ene-2-carbon...	133	C9H11N	1000164-89-7	86
2	Cyclohexene, 4-chloro-	116	C6H9Cl	000930-65-4	64
3	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	64
4	Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	64
5	Bicyclo[2.2.2]oct-5-en-2-ol	124	C8H12O	055320-40-6	64





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ClientSampleId : B-3(1-2)-102517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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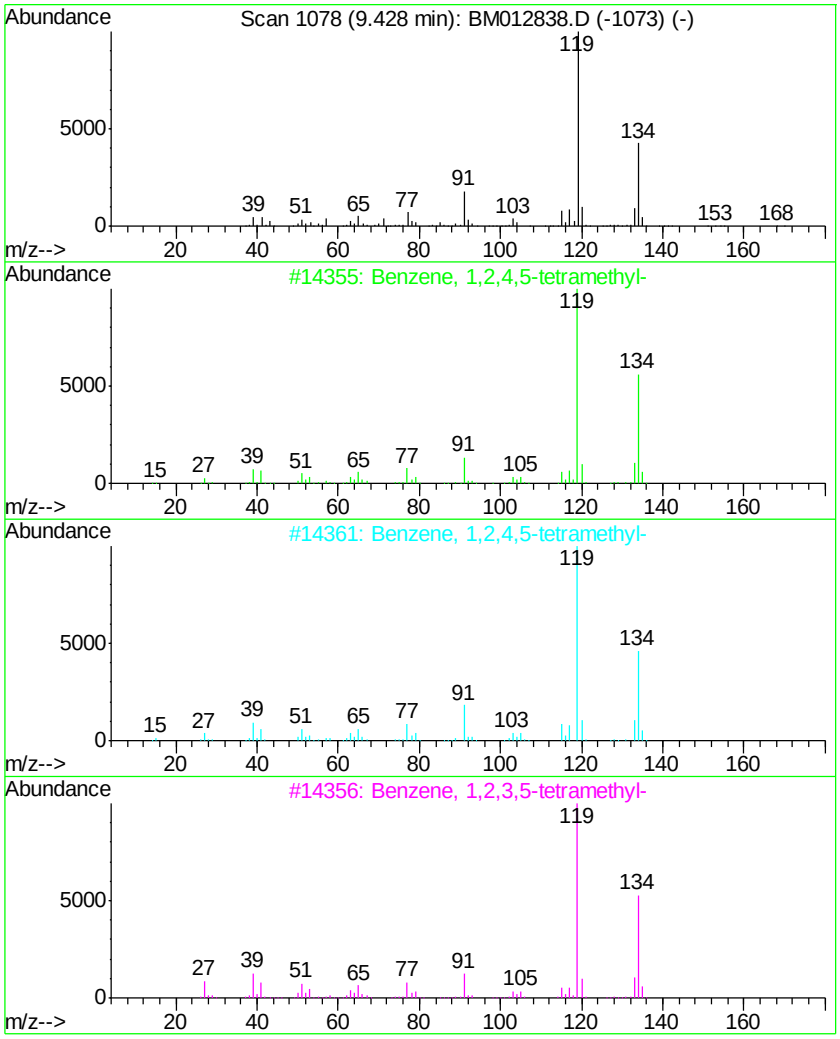
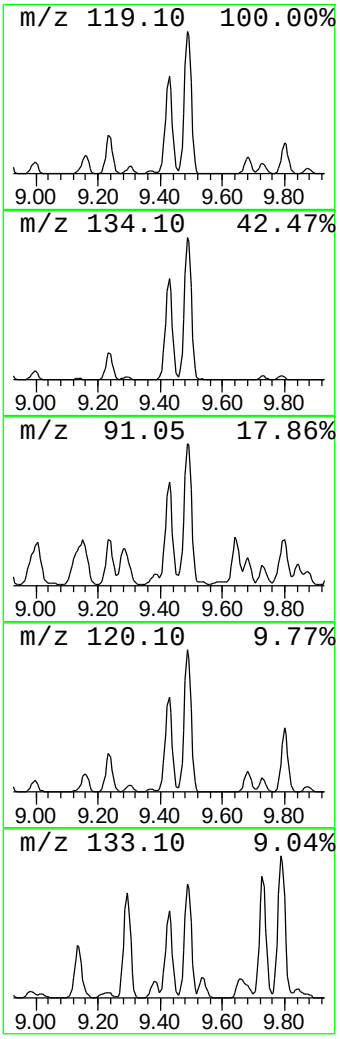
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	23.53 ng/ul	5073900	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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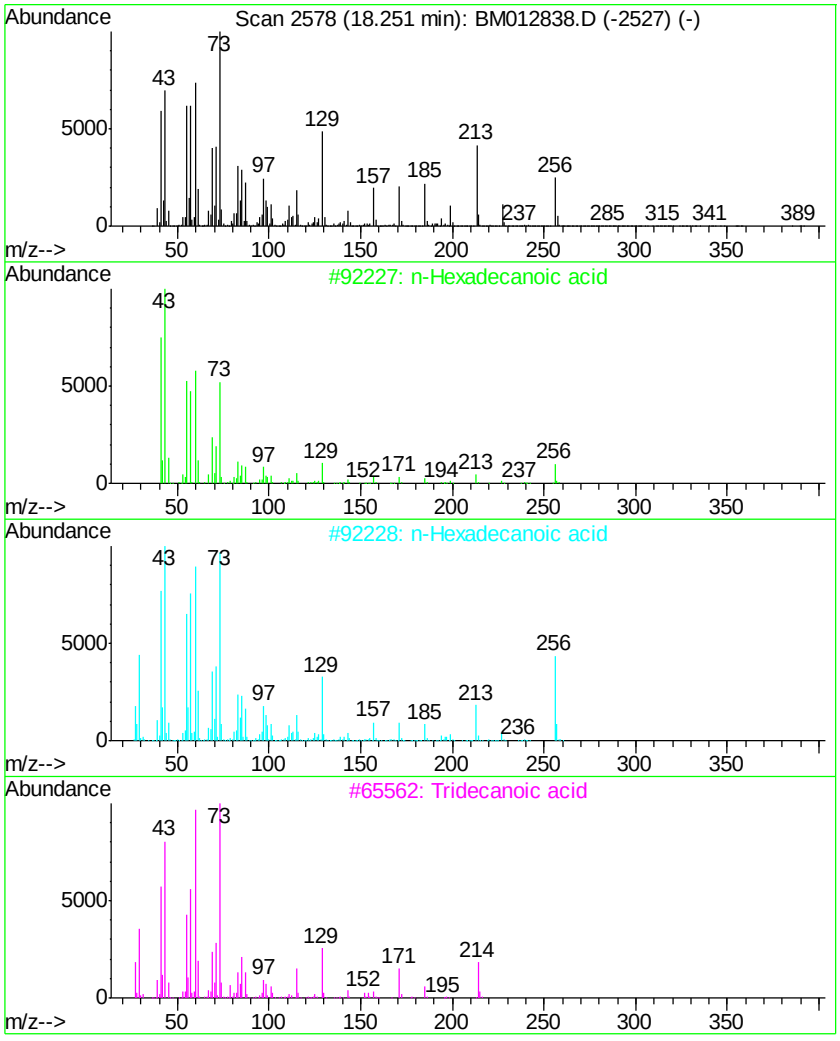
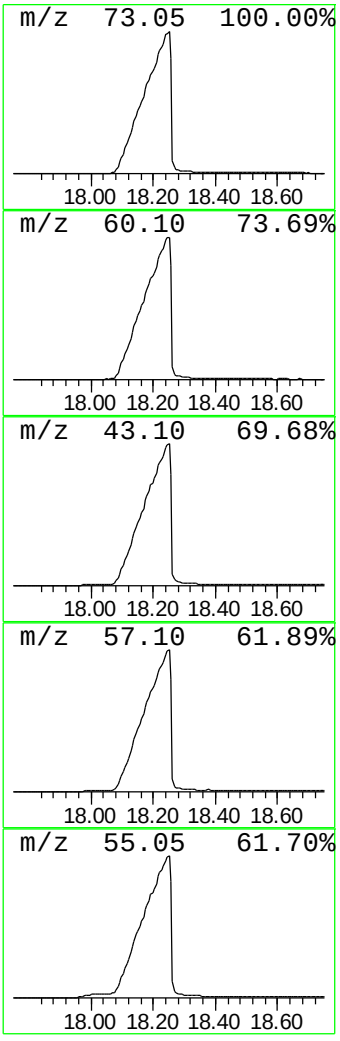
Peak Number 11 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	1105.36 ng/ul	232414000	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	78





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

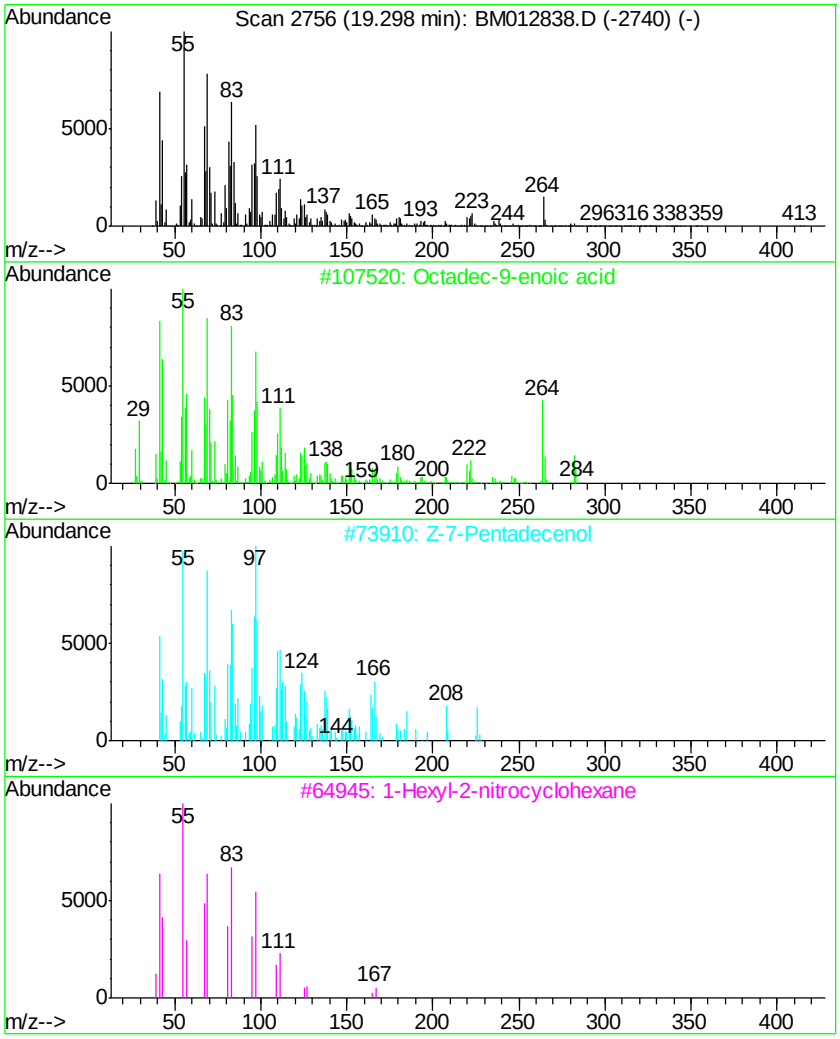
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

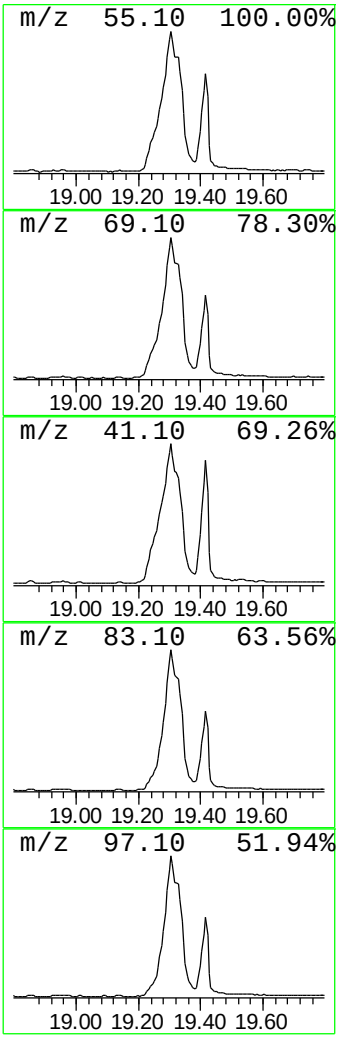
****

Peak Number 12 Octadec-9-enoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	529.55 ng/ul	66729400	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91
2	Z-7-Pentadecenol	226	C15H30O	1000130-76-6	60
3	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	58
4	E-11-Hexadecenal	238	C16H30O	1000130-86-1	56
5	9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	55





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Quant Title : SVOA CALIBRATION

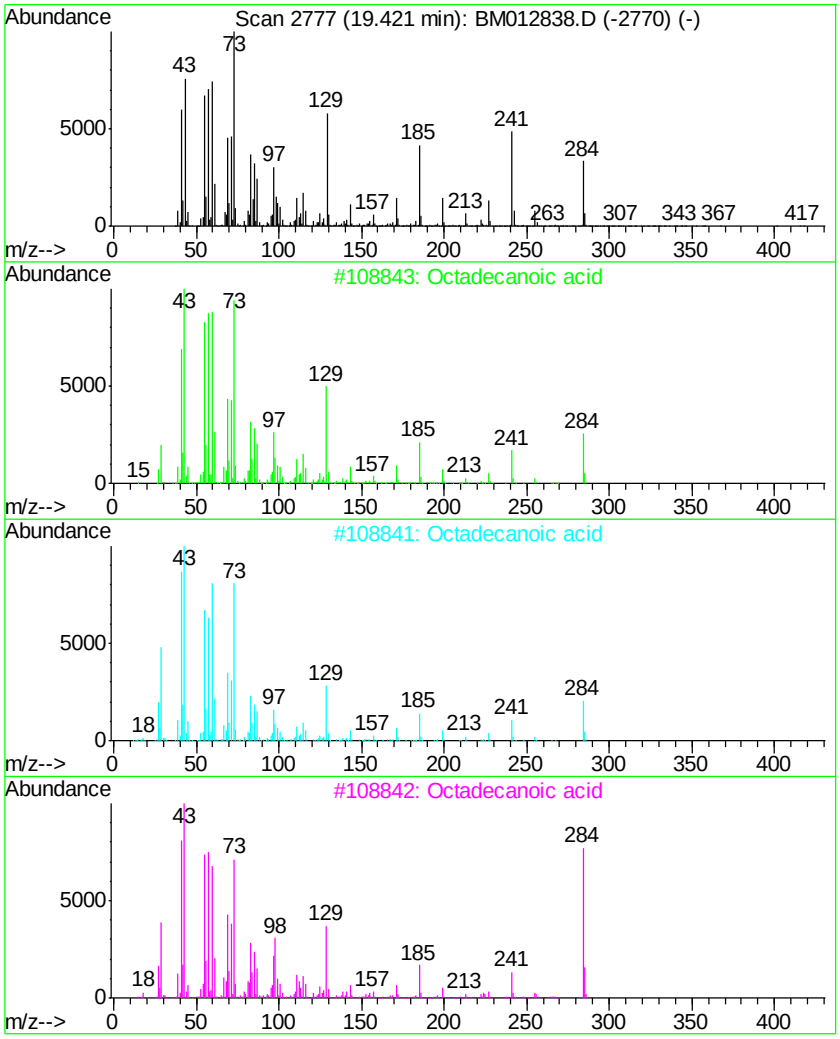
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

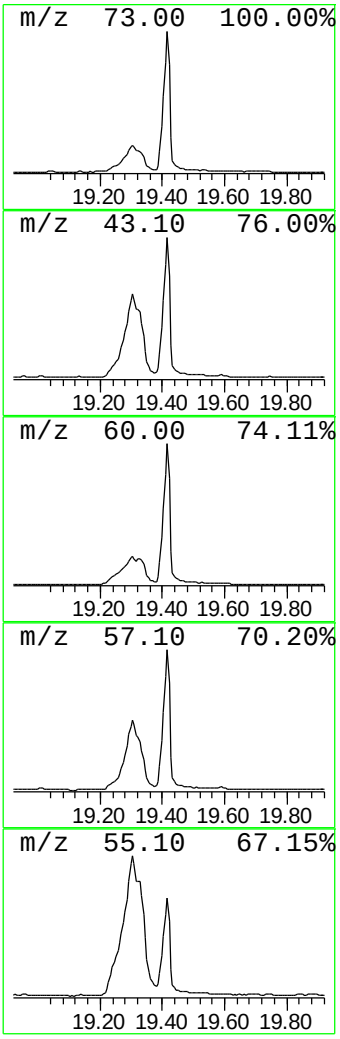
****

Peak Number 13 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	152.72 ng/ul	19244000	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012838.D
Acq On : 09 Nov 2017 01:18
Operator : SJ/JU
Sample : I6150-05 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3(1-2)-102517

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4,7-Methano-1H-in...	8.09	328.4	ng/ul	41350700	1	7.80	2518200	20.0
Benzene, 1-ethyl-...	8.44	19.6	ng/ul	2462010	1	7.80	2518200	20.0
Benzene, 1-methyl...	8.80	19.3	ng/ul	2429040	1	7.80	2518200	20.0
Benzene, 1-methyl...	8.90	52.2	ng/ul	6576860	1	7.80	2518200	20.0
Bicyclo[2.2.1]hep...	9.13	54.6	ng/ul	6873600	1	7.80	2518200	20.0
Bicyclo[2.2.2]oct...	9.28	22.0	ng/ul	4745130	2	10.59	4312510	20.0
Benzene, 1,2,4,5-...	9.43	23.5	ng/ul	5073900	2	10.59	4312510	20.0
n-Hexadecanoic acid	18.25	1105.4	ng/ul	232414000	4	17.19	4205210	20.0
Octadec-9-enoic acid	19.30	529.5	ng/ul	66729400	5	21.37	2520240	20.0
Octadecanoic acid	19.42	152.7	ng/ul	19244000	5	21.37	2520240	20.0