LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033337.D
Acq On : 26 Mar 2018 19:55
Operator : SJ/JU
Sample : J2053-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03-20180323

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.484	27	33	43	rBV	139145	286514	6.56%	1.528%
2	3.572	43	48	57	rVB	91493	145676	3.34%	0.777%
3	6.287	504	510	522	rBV	269557	546394	12.52%	2.914%
4	7.967	790	796	804	rBV2	158162	367584	8.42%	1.960%
5	8.037	804	808	818	rVB2	42619	87609	2.01%	0.467%
6	8.372	855	865	881	rBV	545039	1170226	26.81%	6.241%
7	8.866	942	949	963	rBV3	112802	256275	5.87%	1.367%
8	8.972	963	967	975	rVB2	26217	51685	1.18%	0.276%
9	9.201	997	1006	1027	rBV	579133	1198920	27.46%	6.394%
10	9.988	1132	1140	1146	rBV3	28352	56021	1.28%	0.299%
11	10.064	1146	1153	1169	rBV	455977	1009618	23.13%	5.384%
12	11.116	1326	1332	1339	rBV3	29435	55456	1.27%	0.296%
13	11.751	1424	1440	1451	rBV	176676	400952	9.18%	2.138%
14	14.113	1832	1842	1856	rBV	1521184	2594454	59.43%	13.836%
15	14.900	1968	1976	1992	rBV2	37353	71518	1.64%	0.381%
16	15.482	2069	2075	2089	rVB2	356342	620994	14.23%	3.312%
17	16.245	2201	2205	2211	rVB3	31851	49219	1.13%	0.262%
18	16.956	2317	2326	2348	rBV	1451054	2442499	55.95%	13.025%
19	18.214	2532	2540	2555	rBV	511345	891292	20.42%	4.753%
20	19.007	2671	2675	2680	rBV3	47684	75310	1.73%	0.402%
21	20.734	2962	2969	2981	rBV	3090802	4365485	100.00%	23.280%
22	22.556	3272	3279	3292	rVB	509960	1019119	23.34%	5.435%
23	26.322	3909	3920	3935	rVB2	288369	989064	22.66%	5.274%

Sum of corrected areas: 18751884

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
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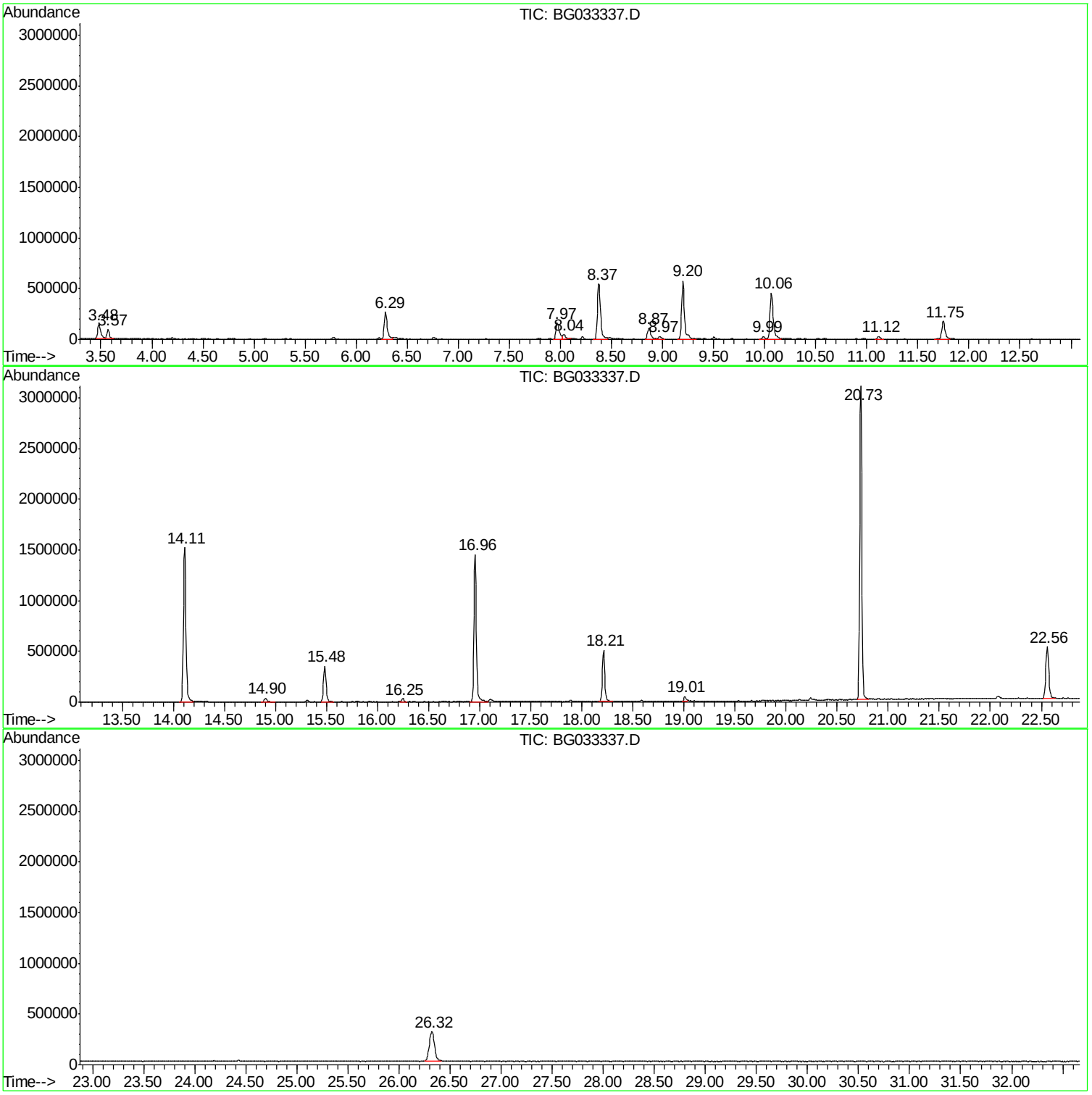
Sample : J2053-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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_G\DATA\BG032618\
Data File : BG033337.D
Acq On : 26 Mar 2018 19:55
Operator : SJ/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : MW-03-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

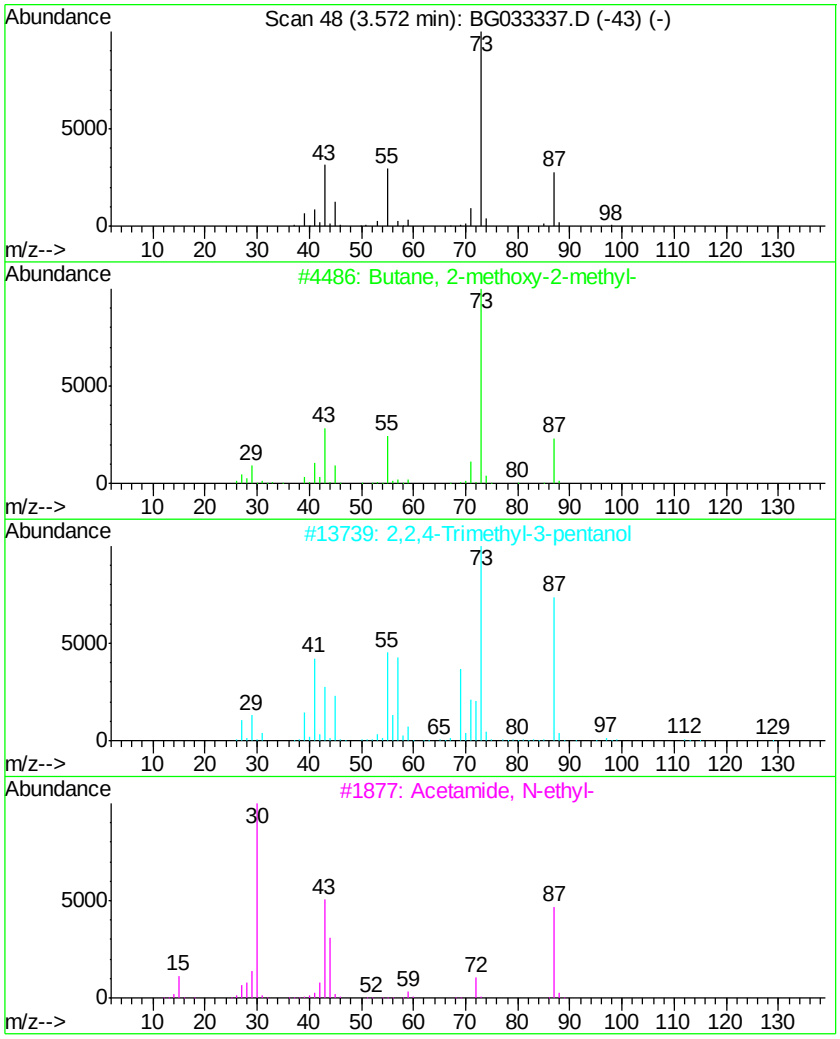
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

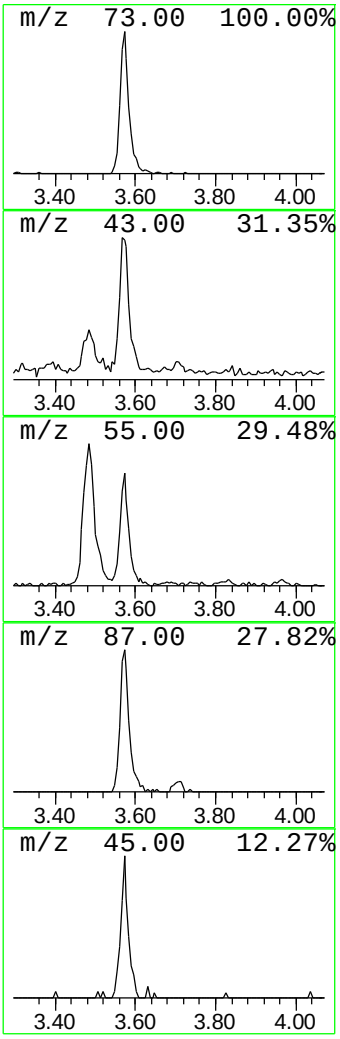
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	11.37 ng	145676	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	9





Library Search Compound Report

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Sample : J2053-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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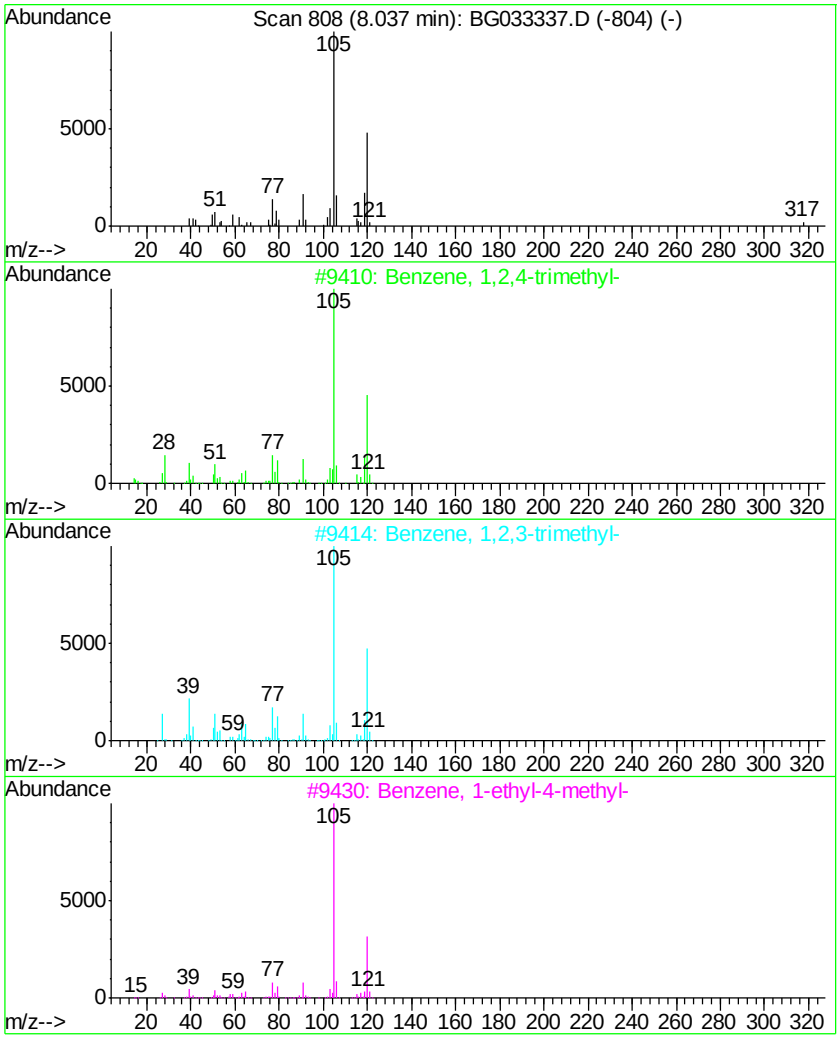
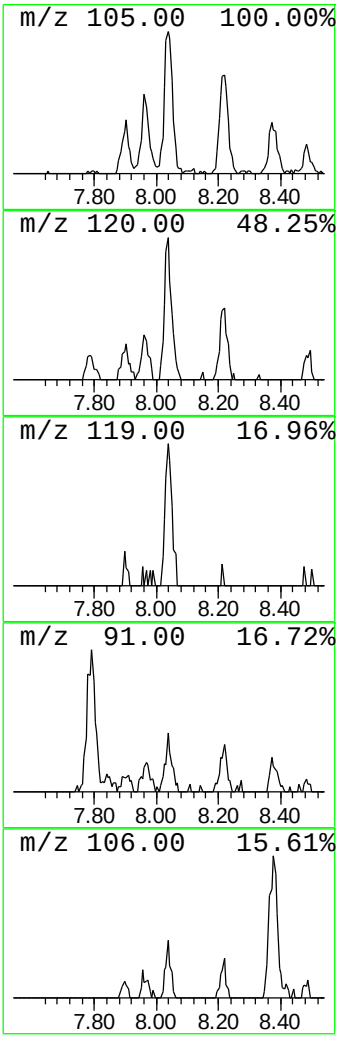
Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	6.84 ng	87609	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4	Mesitylene	120	C9H12	000108-67-8	78
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033337.D
Acq On : 26 Mar 2018 19:55
Operator : SJ/JU
Sample : J2053-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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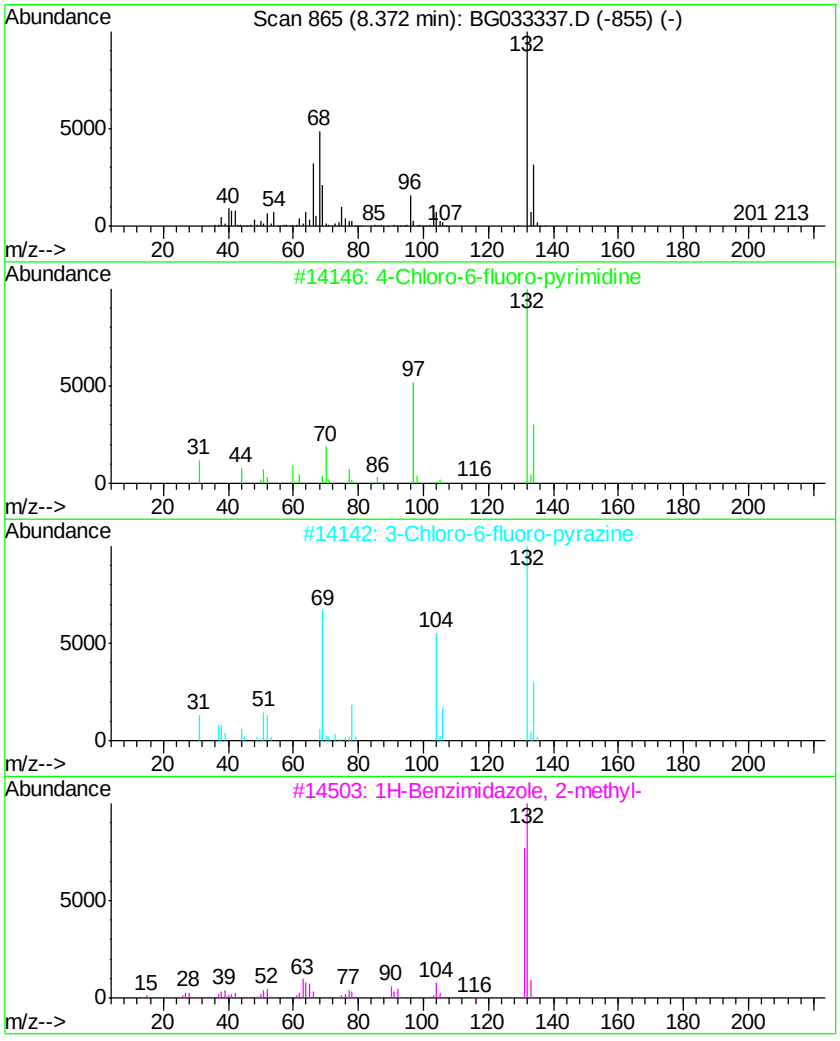
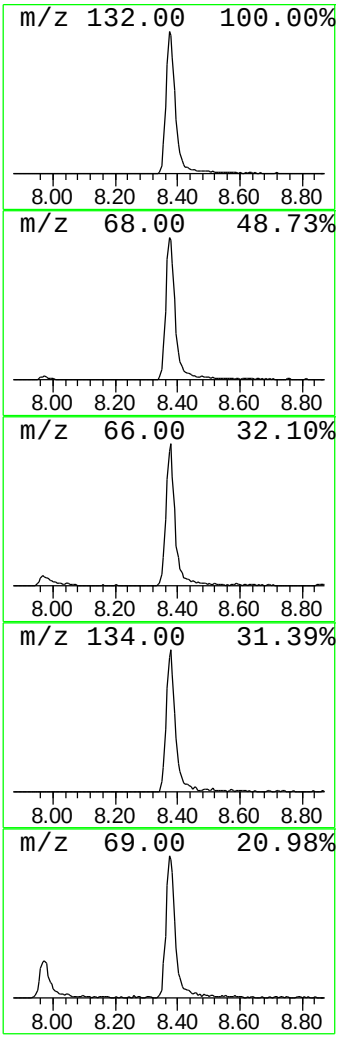
Peak Number 4 unknown8.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	91.33 ng	1170230	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Library Search Compound Report

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Data File : BG033337.D
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Operator : SJ/JU
Sample : J2053-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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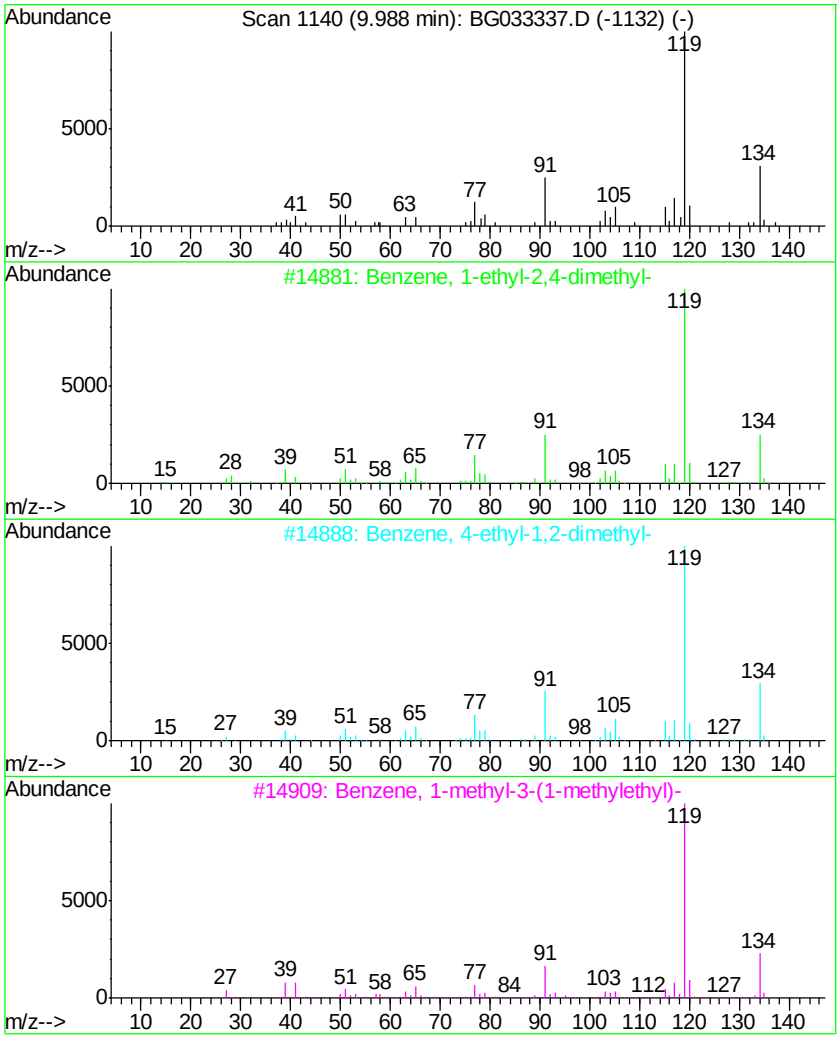
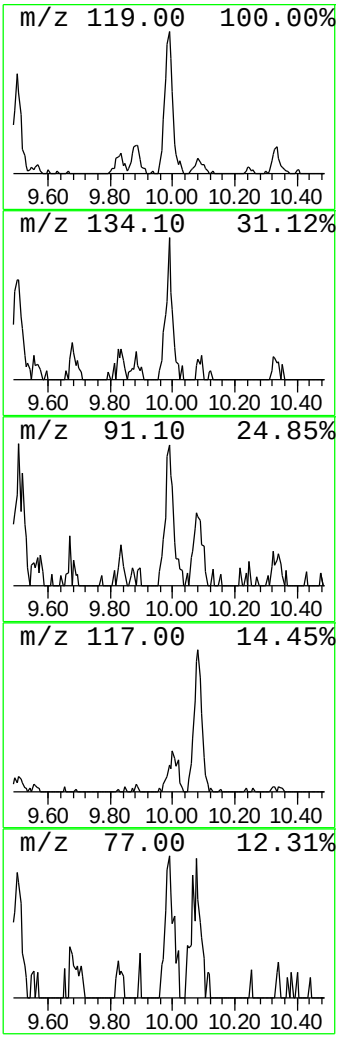
Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	4.37 ng	56021	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033337.D
Acq On : 26 Mar 2018 19:55
Operator : SJ/JU
Sample : J2053-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03-20180323

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

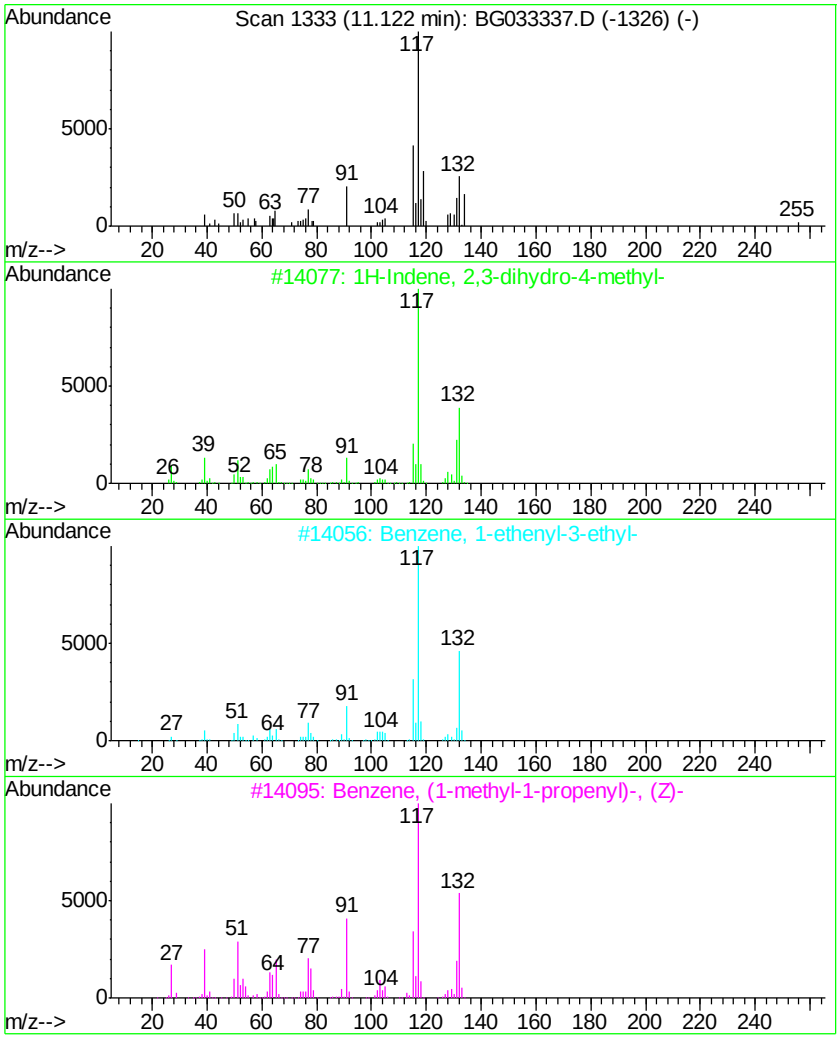
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

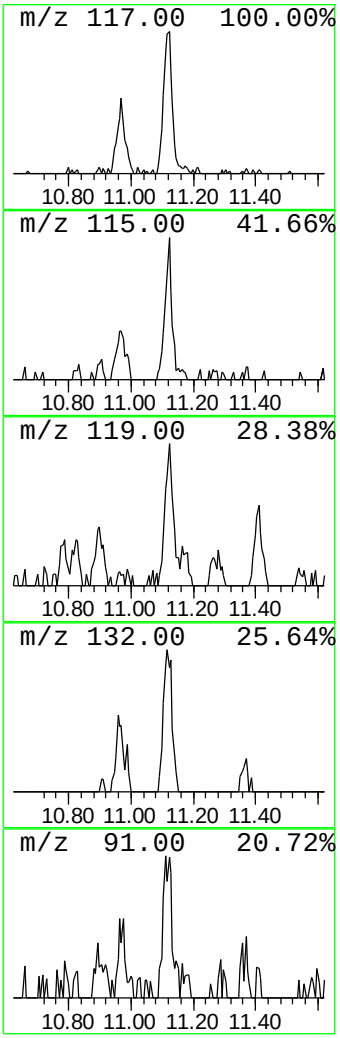
****

Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.77 ng	55456	Naphthalene-d8	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	72
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
5	Indan, 1-methyl-	132	C10H12	000767-58-8	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.57	11.4	ng	145676	1	8.87	256275	20.0
Benzene, 1,2,4-tr...	8.04	6.8	ng	87609	1	8.87	256275	20.0
unknown8.37	8.37	91.3	ng	1170230	1	8.87	256275	20.0
Benzene, 1-ethyl-...	9.99	4.4	ng	56021	1	8.87	256275	20.0
1H-Indene, 2,3-di...	11.12	2.8	ng	55456	2	11.75	400952	20.0