LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031342.D
Acq On : 2 Dec 2017 7:00
Operator : SJ/JU
Sample : I6653-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

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-BG111017.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	5.689	401	408	415	rBV	482881	847115	13.73%	3.361%
2	6.123	475	482	495	rVB	49571	92595	1.50%	0.367%
3	7.293	671	681	698	rBV	299023	616650	9.99%	2.447%
4	7.510	713	718	724	rBV	39417	66190	1.07%	0.263%
5	7.663	735	744	758	rBV	908382	1671008	27.08%	6.630%
6	8.127	813	823	832	rBV	201778	358790	5.81%	1.424%
7	8.239	836	842	851	rVB	97662	161858	2.62%	0.642%
8	8.450	870	878	893	rVB	885493	1621884	26.28%	6.436%
9	9.296	1014	1022	1036	rBV	641920	1280821	20.76%	5.082%
10	10.941	1295	1302	1307	rBV	273591	523195	8.48%	2.076%
11	10.994	1307	1311	1317	rVB	87998	167234	2.71%	0.664%
12	13.374	1709	1716	1728	rBV	2209882	3508361	56.85%	13.921%
13	13.932	1803	1811	1817	rBV	59812	109148	1.77%	0.433%
14	14.749	1943	1950	1962	rVB2	500522	840326	13.62%	3.334%
15	16.235	2196	2203	2219	rBV	1814287	2903510	47.05%	11.521%
16	16.429	2231	2236	2245	rBV3	28928	64958	1.05%	0.258%
17	17.492	2410	2417	2432	rBV2	727658	1175547	19.05%	4.665%
18	18.356	2559	2564	2572	rBV3	52715	100860	1.63%	0.400%
19	19.619	2775	2779	2793	rBV2	70180	144785	2.35%	0.574%
20	20.084	2851	2858	2870	rBV	4632134	6171083	100.00%	24.486%
21	21.764	3137	3144	3152	rBV	821196	1408769	22.83%	5.590%
22	25.060	3693	3705	3717	rBV2	454593	1367301	22.16%	5.425%

Sum of corrected areas: 25201988

LSC Report - Integrated Chromatogram

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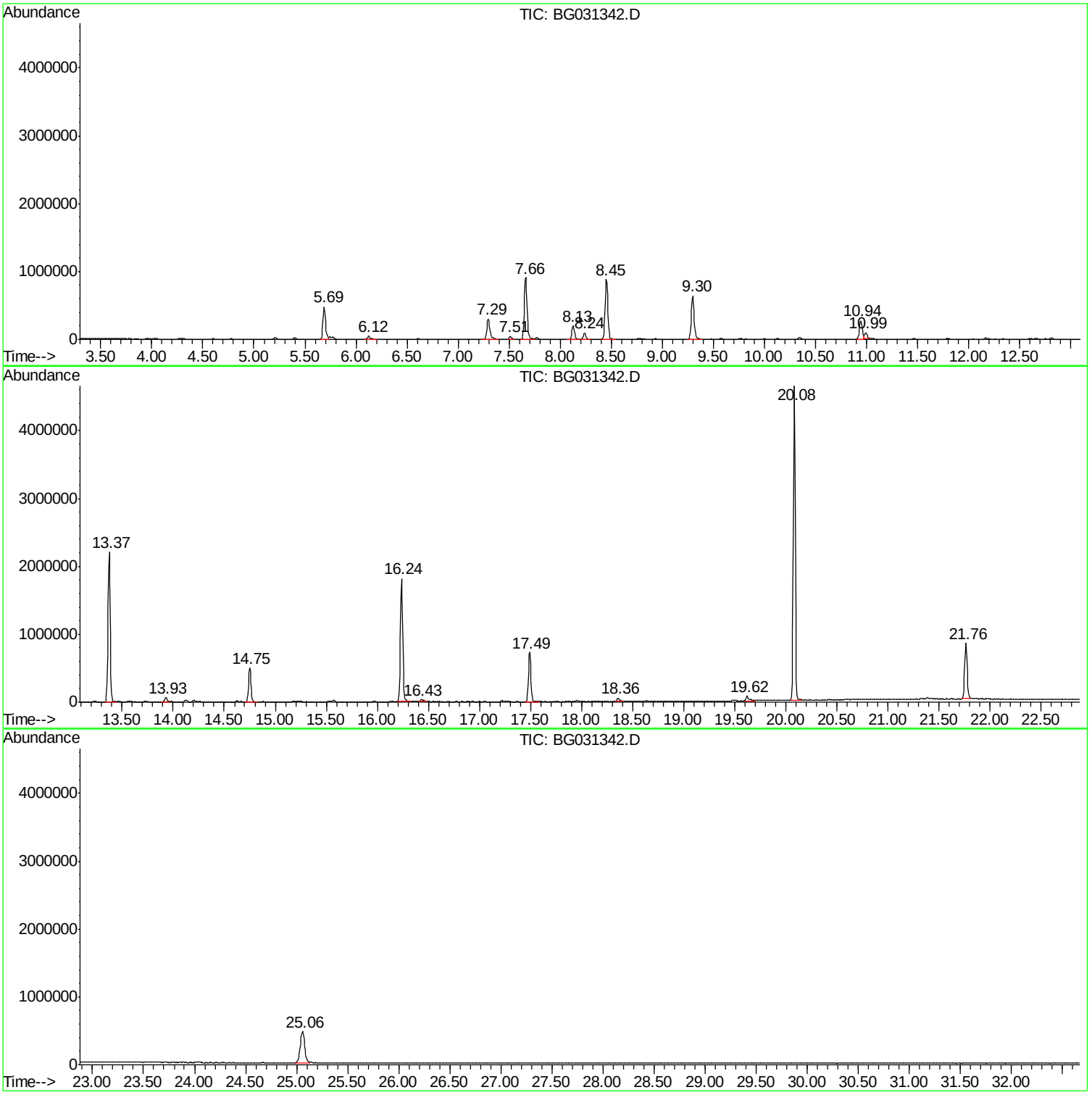
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031342.D
Acq On : 2 Dec 2017 7:00
Operator : SJ/JU
Sample : I6653-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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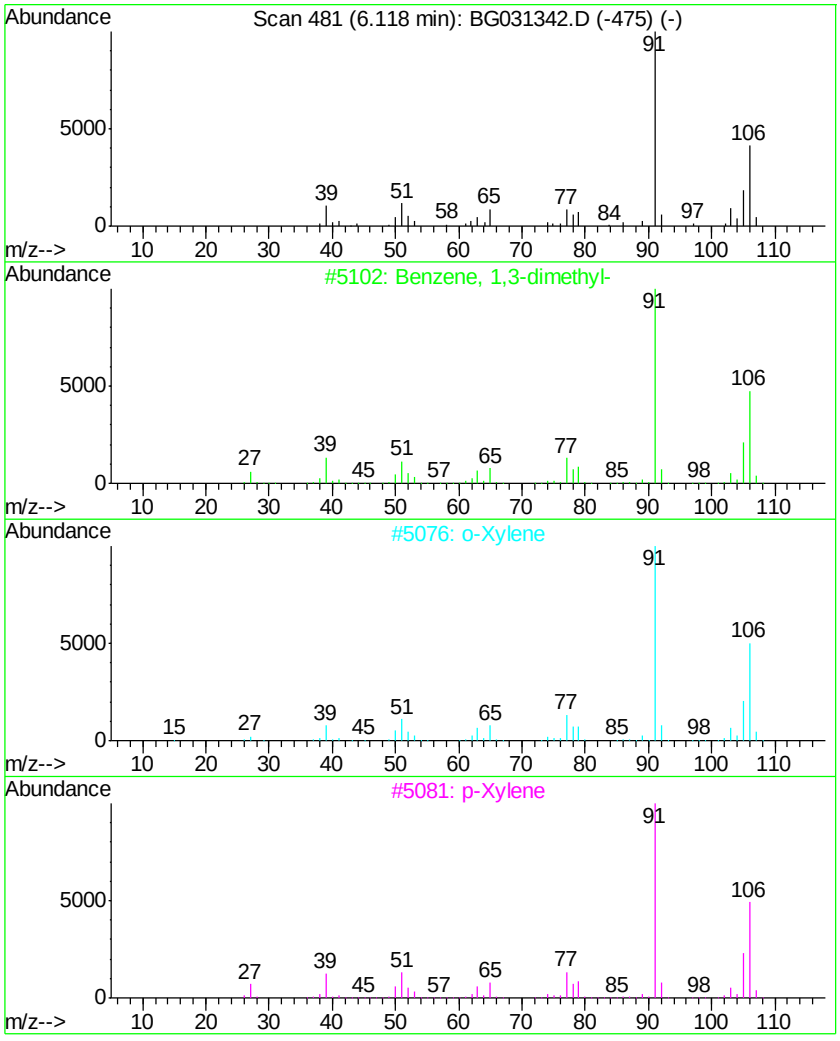
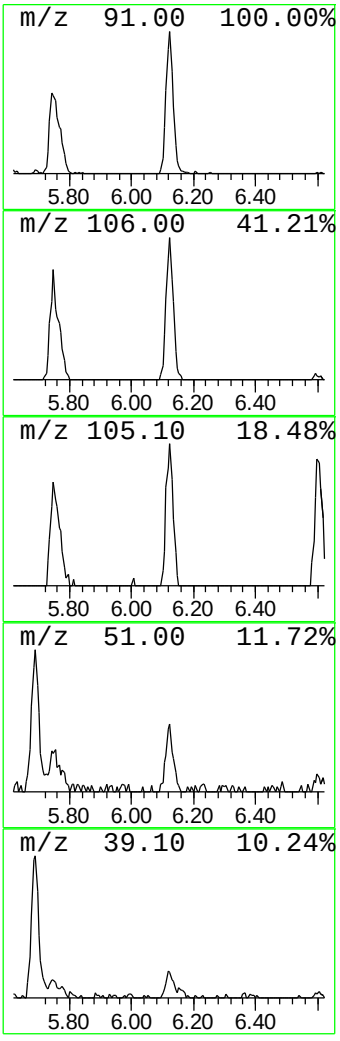
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	5.16 ng	92595	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	83
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031342.D
Acq On : 2 Dec 2017 7:00
Operator : SJ/JU
Sample : I6653-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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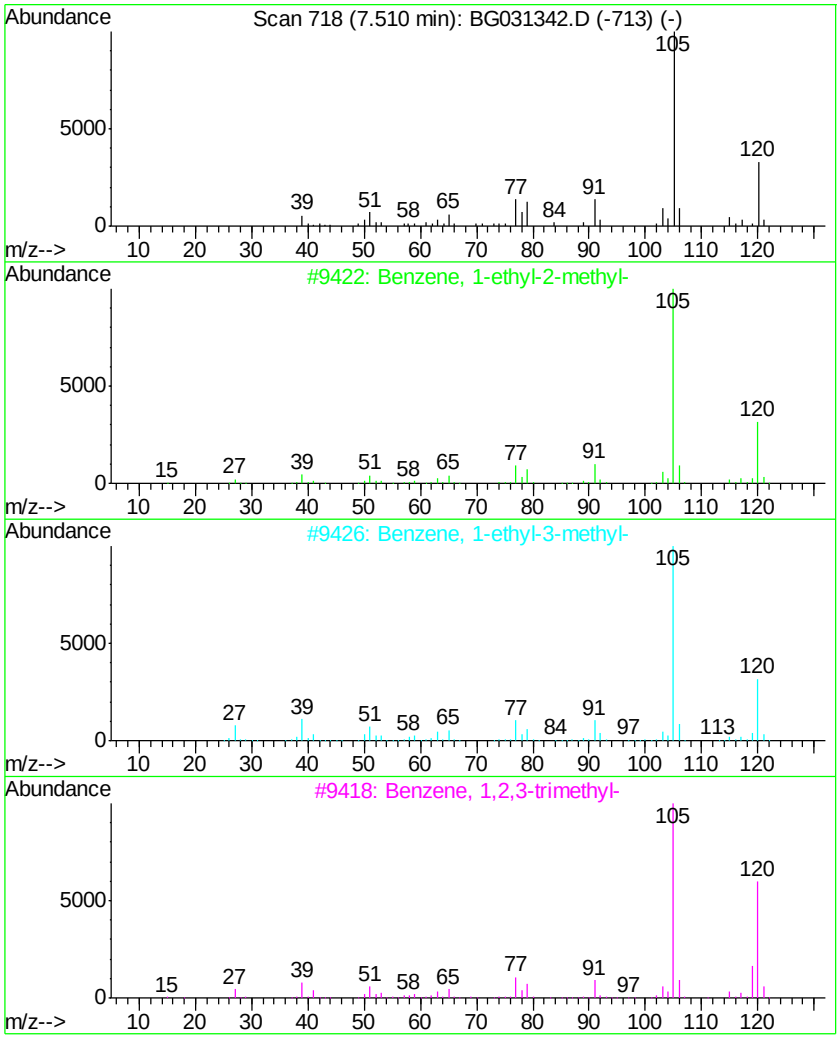
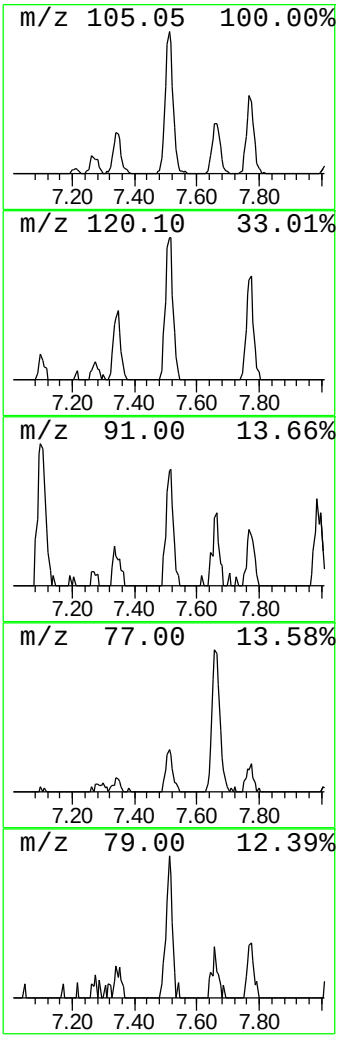
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	3.69 ng	66190	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : BG031342.D
Acq On : 2 Dec 2017 7:00
Operator : SJ/JU
Sample : I6653-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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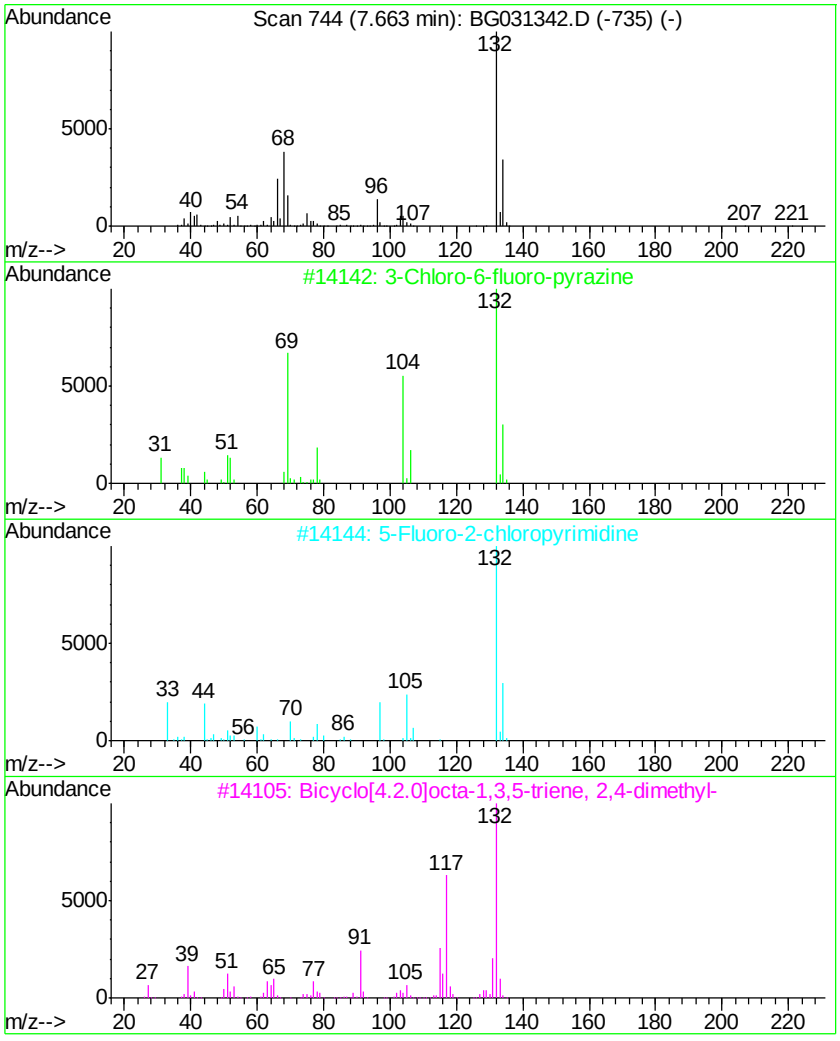
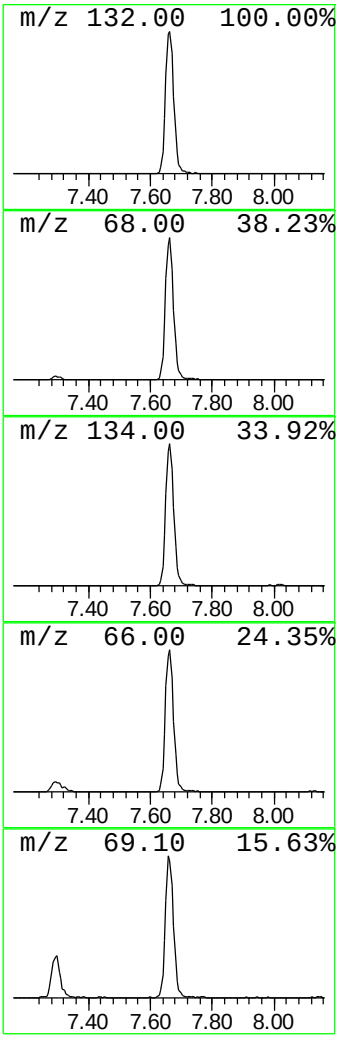
Peak Number 3 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	93.15 ng	1671010	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Sample : I6653-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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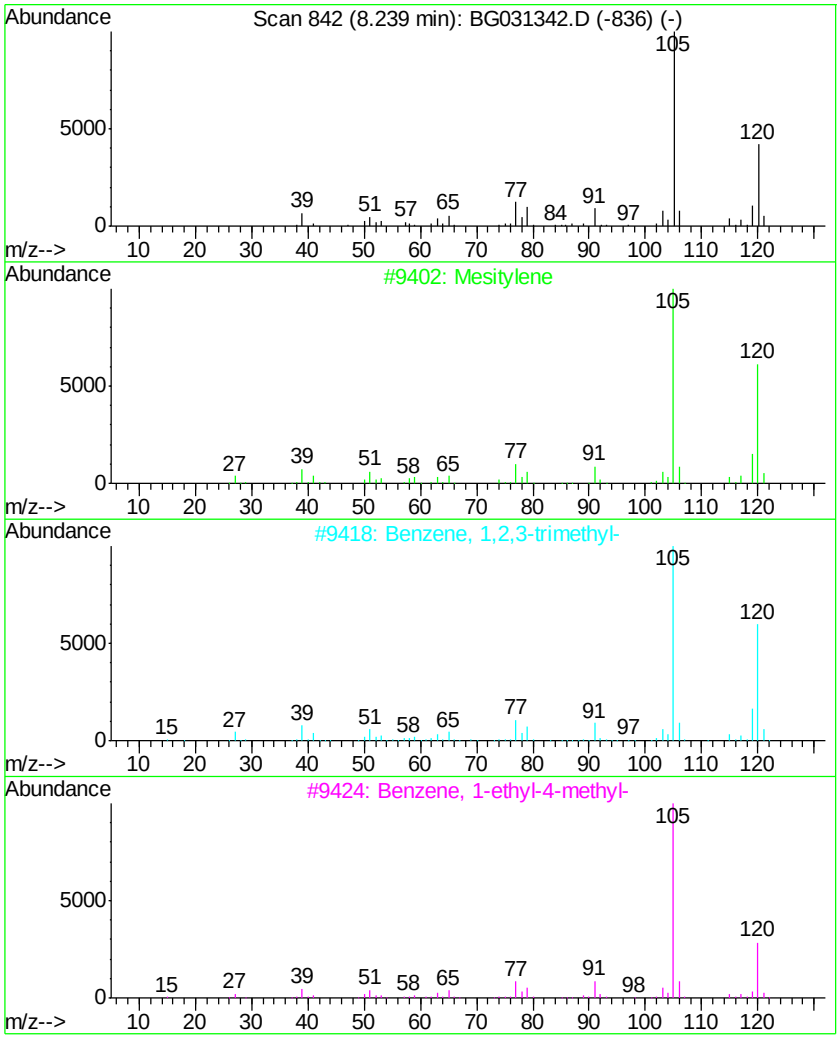
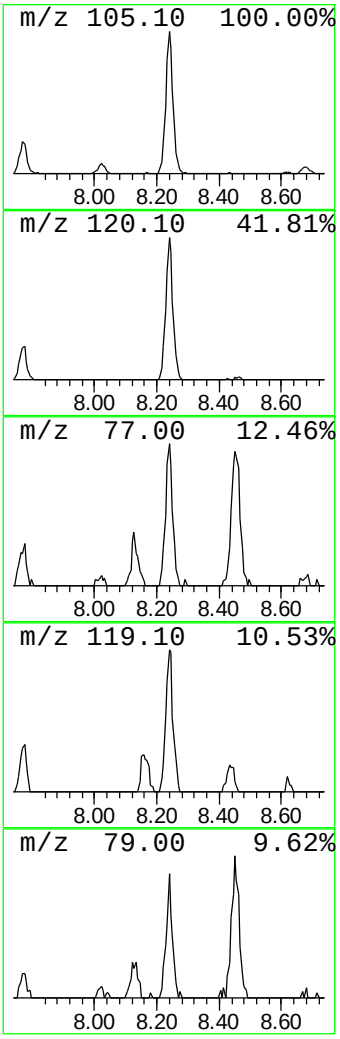
Peak Number 4 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	9.02 ng	161858	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
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Operator : SJ/JU
Sample : I6653-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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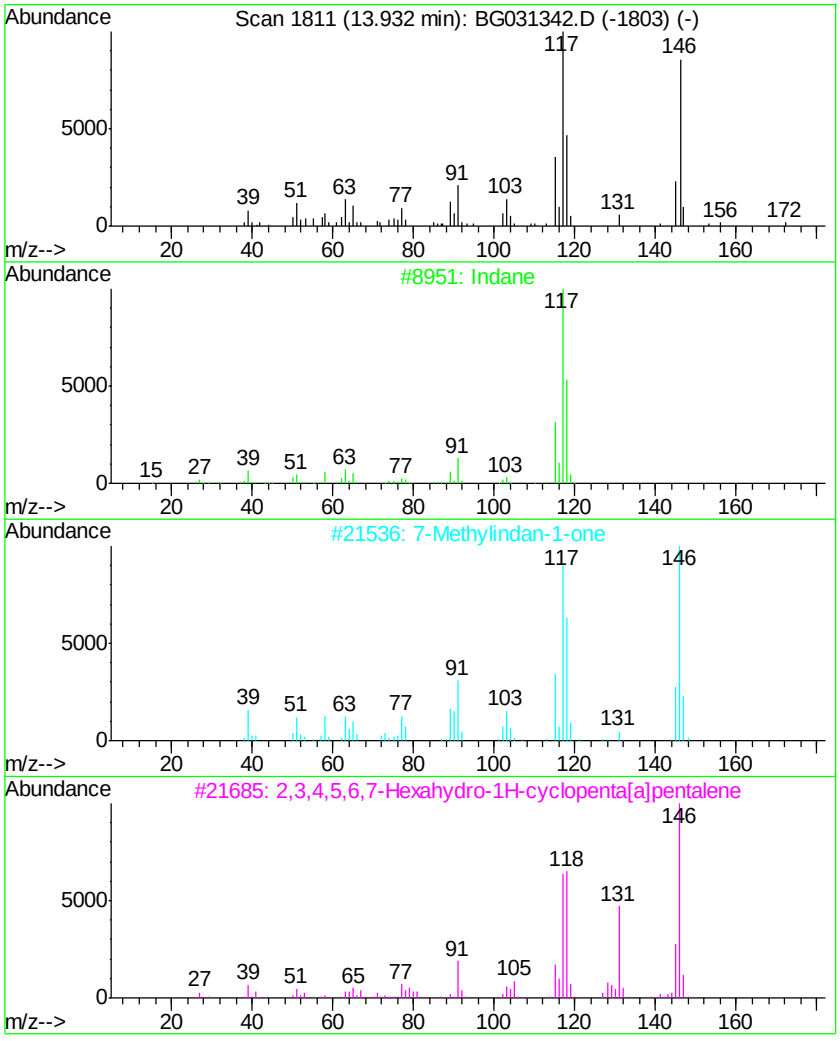
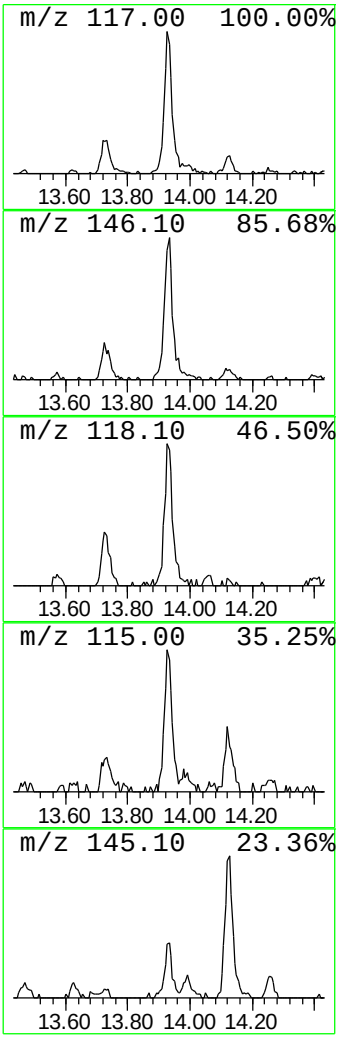
Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.60 ng	109148	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	86
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	72
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64
4	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	64
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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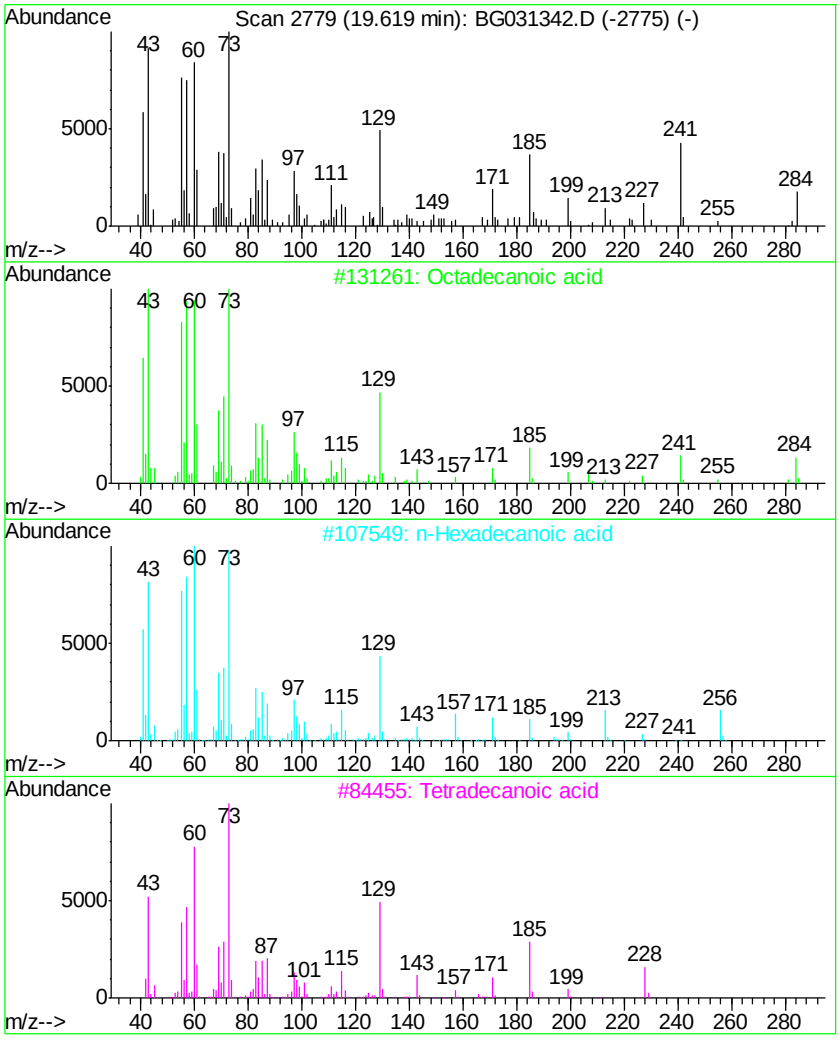
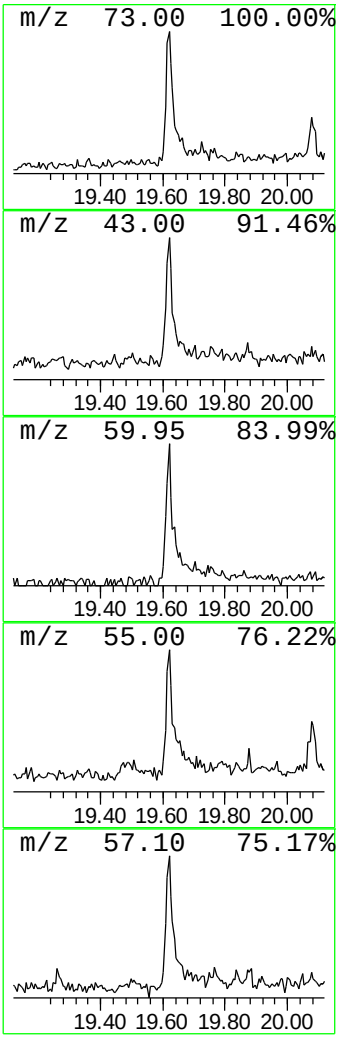
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.46 ng	144785	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	81
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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, 1,3-dime...	6.12	5.2	ng	92595	1	8.13	358790	20.0
Benzene, 1-ethyl-...	7.51	3.7	ng	66190	1	8.13	358790	20.0
unknown7.66	7.66	93.2	ng	1671010	1	8.13	358790	20.0
Mesitylene	8.24	9.0	ng	161858	1	8.13	358790	20.0
Indane	13.93	2.6	ng	109148	3	14.75	840326	20.0
Octadecanoic acid	19.62	2.5	ng	144785	4	17.49	1175550	20.0