LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

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-BG011218.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	3.464	25	30	49	rVB	326029	496154	12.78%	2.782%
2	5.661	395	404	415	rBV	832630	1474993	38.00%	8.269%
3	6.155	481	488	500	rBV	437572	731749	18.85%	4.102%
4	7.835	766	774	787	rBV	393116	712444	18.35%	3.994%
5	8.235	835	842	855	rVB	520865	958670	24.70%	5.374%
6	8.722	916	925	933	rBV2	101585	186979	4.82%	1.048%
7	9.057	972	982	989	rBV	477110	904180	23.29%	5.069%
8	9.921	1122	1129	1140	rVB	340716	657436	16.94%	3.686%
9	10.979	1302	1309	1316	rBV2	46425	87234	2.25%	0.489%
10	11.225	1342	1351	1358	rBV	41050	72038	1.86%	0.404%
11	11.601	1400	1415	1420	rBV	141883	280257	7.22%	1.571%
12	11.654	1420	1424	1431	rVB	72006	127642	3.29%	0.716%
13	12.759	1607	1612	1620	rVB2	28560	49478	1.27%	0.277%
14	13.217	1683	1690	1699	rVB	87254	151805	3.91%	0.851%
15	13.435	1717	1727	1735	rBV	68552	127331	3.28%	0.714%
16	13.987	1813	1821	1833	rBV	1352272	2154830	55.51%	12.080%
17	14.533	1904	1914	1923	rBV4	16855	42053	1.08%	0.236%
18	14.680	1930	1939	1944	rBV3	30841	62142	1.60%	0.348%
19	15.362	2049	2055	2062	rVB2	264741	444934	11.46%	2.494%
20	16.831	2298	2305	2317	rBV	1064368	1771519	45.64%	9.931%
21	18.094	2513	2520	2526	rBV	420862	663261	17.09%	3.718%
22	20.632	2945	2952	2961	rBV	2817794	3881806	100.00%	21.762%
23	22.424	3249	3257	3266	rBV2	478960	878690	22.64%	4.926%
24	26.114	3871	3885	3899	rBV2	288178	919888	23.70%	5.157%

Sum of corrected areas: 17837513

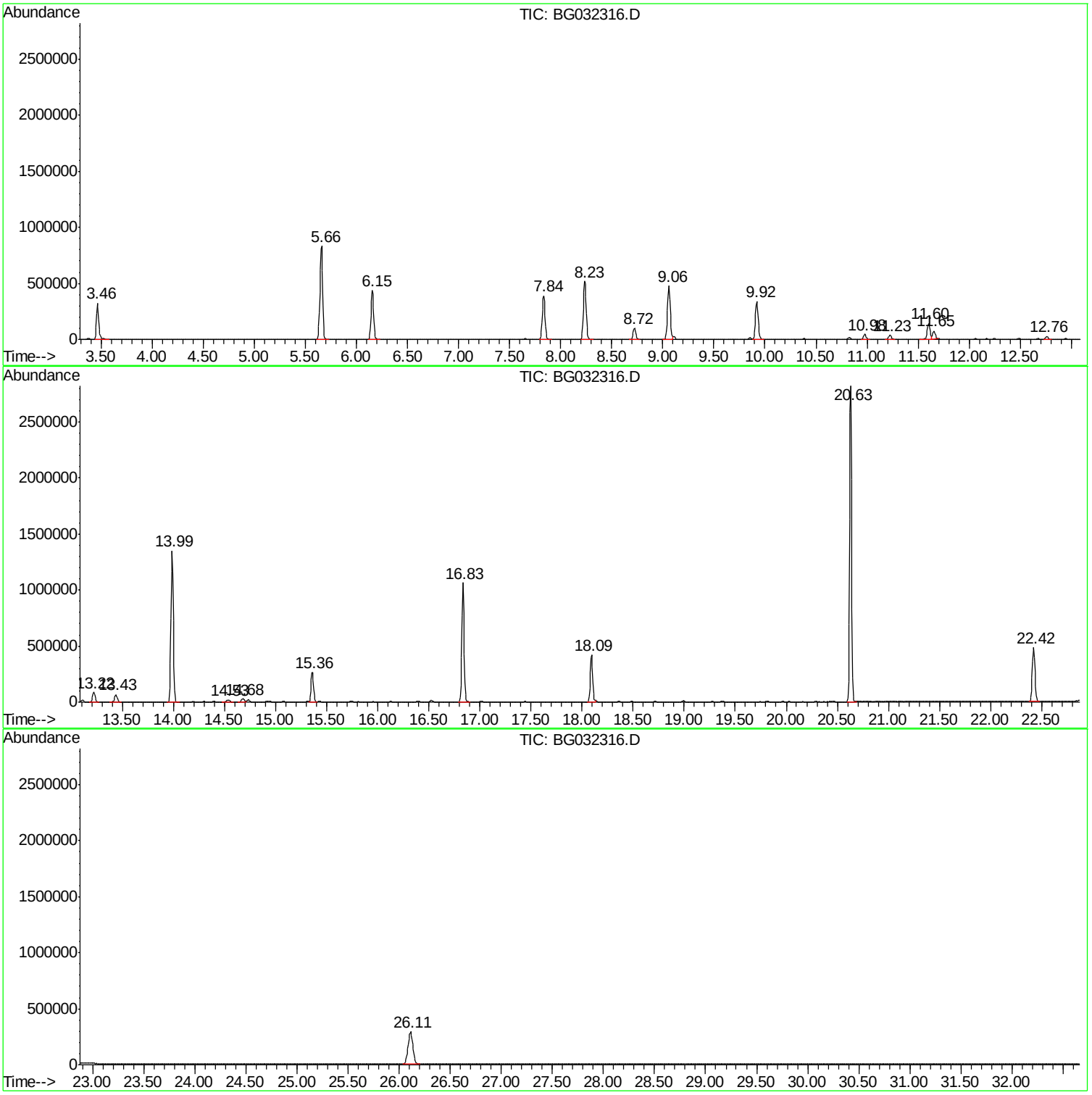
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

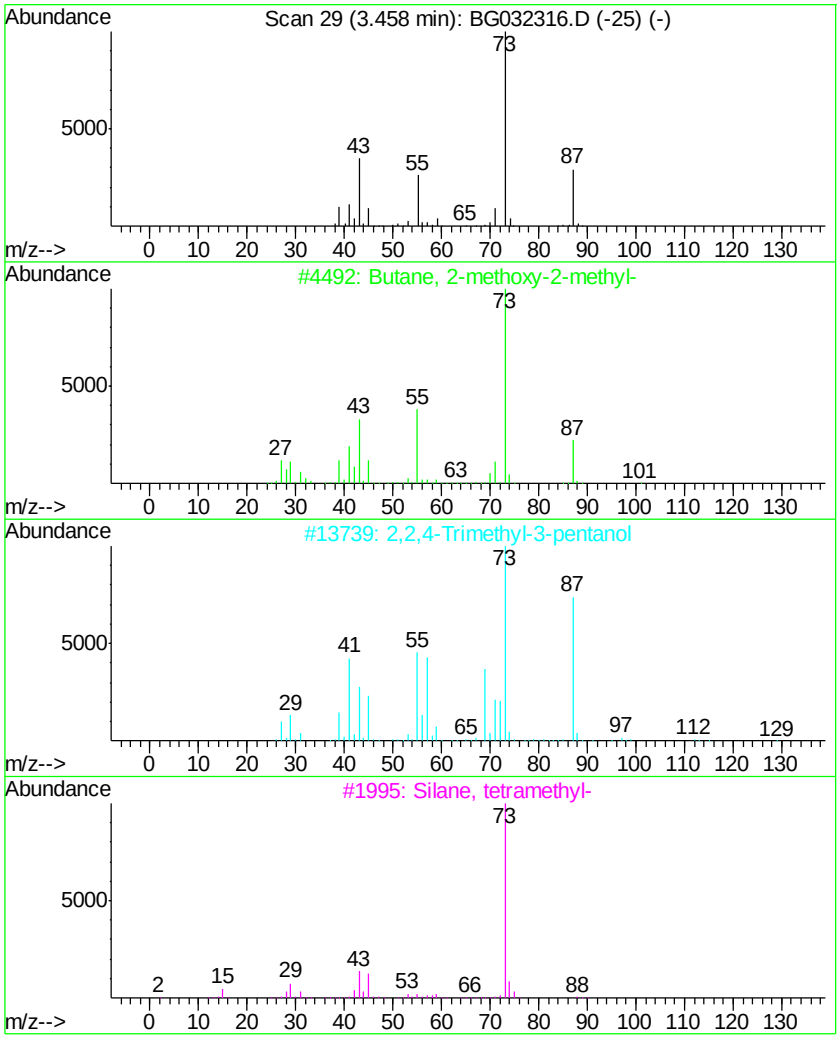
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

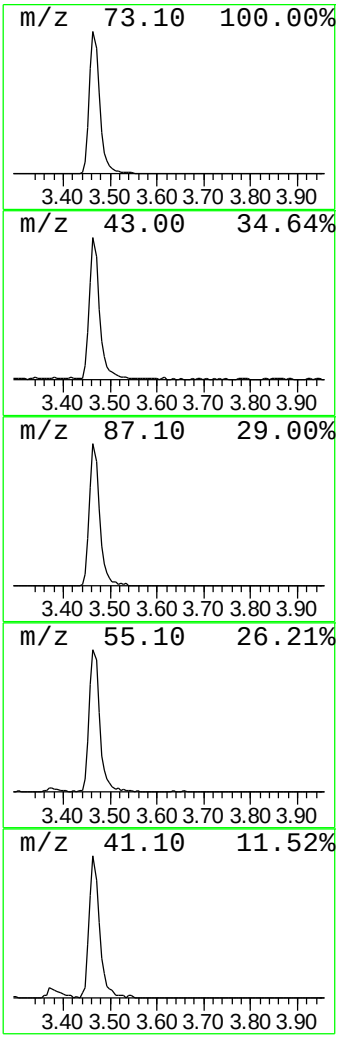
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	53.07 ng	496154	1,4-Dichlorobenzene-d4	8.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

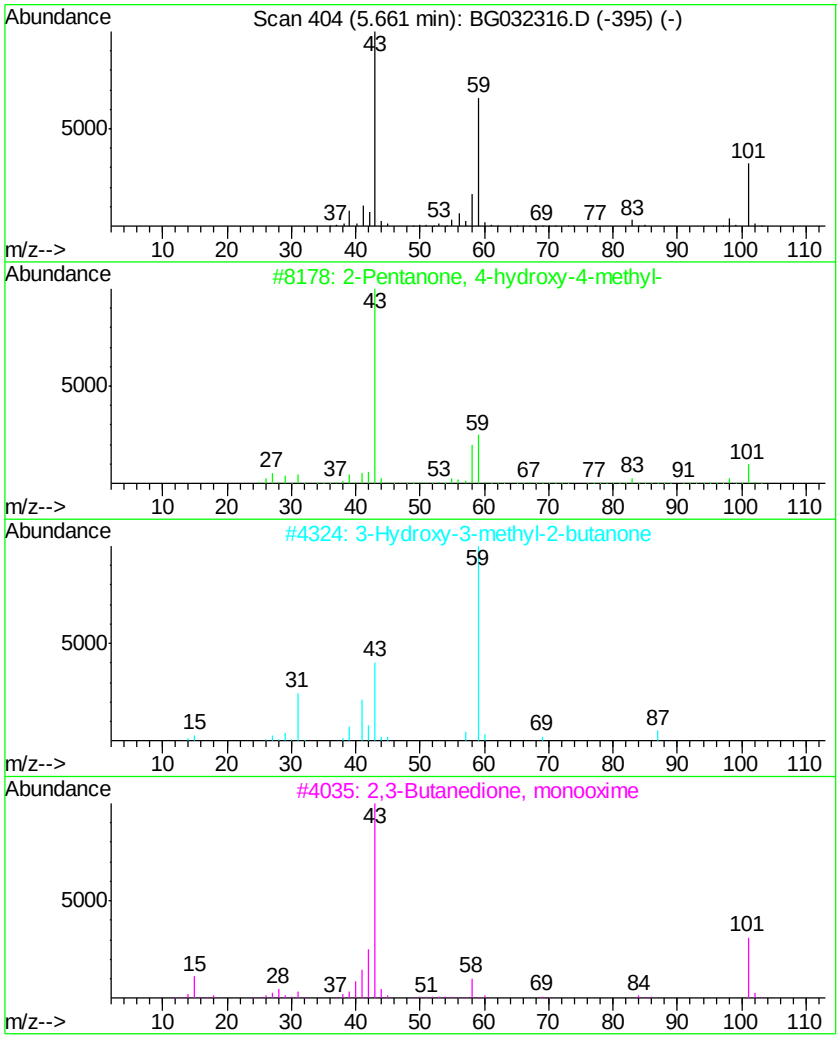
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

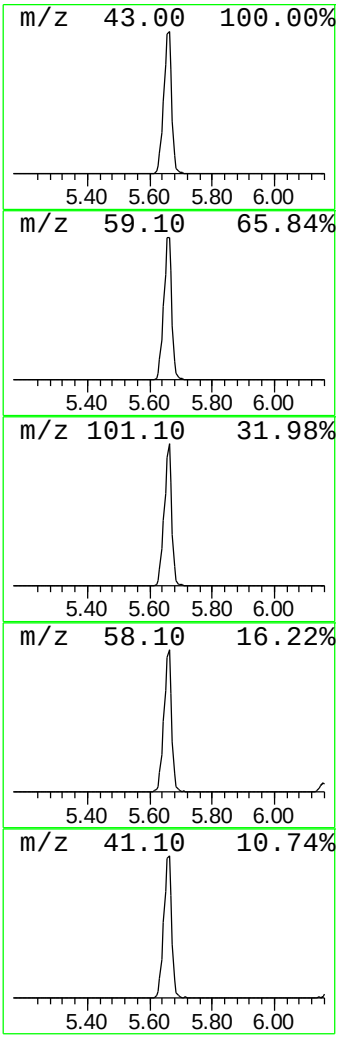
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	157.77 ng	1474990	1,4-Dichlorobenzene-d4	8.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

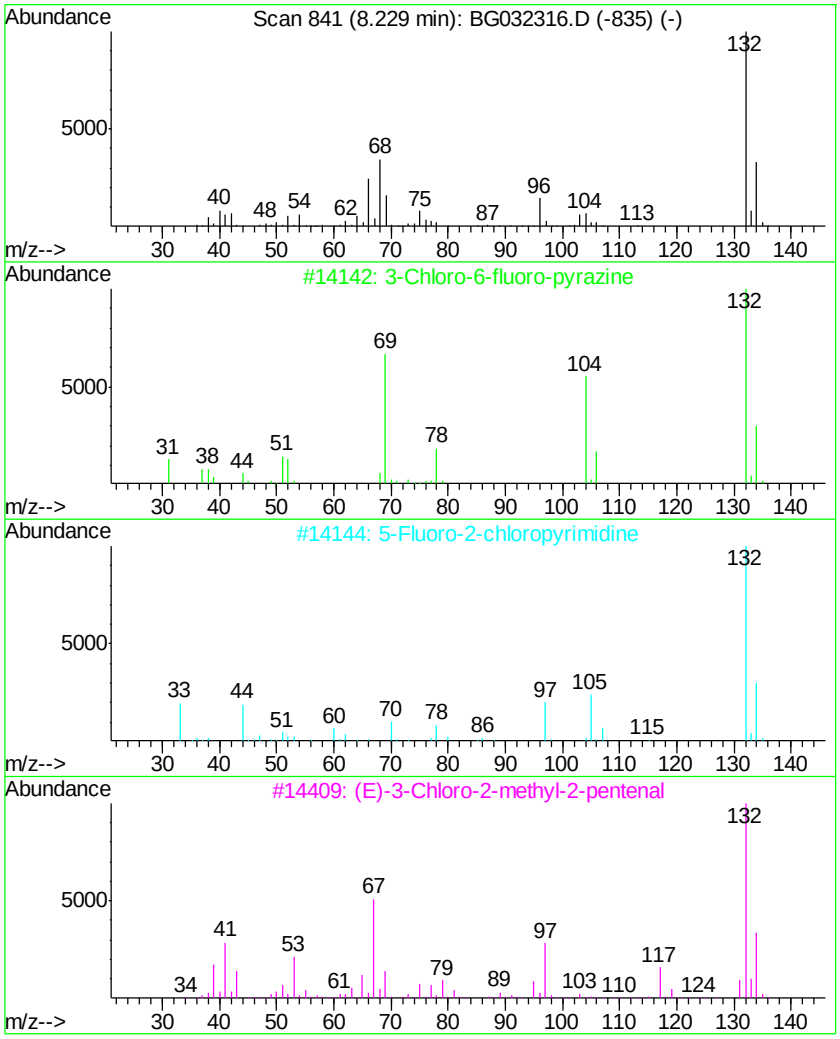
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

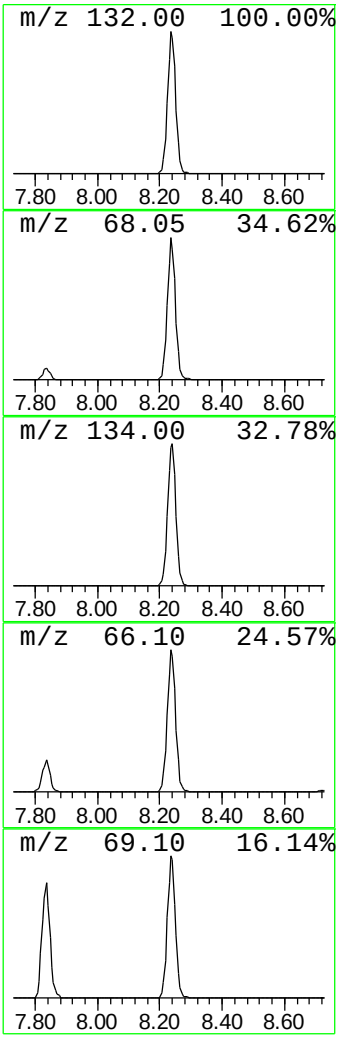
****

Peak Number 3 unknown8.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	102.54 ng	958670	1,4-Dichlorobenzene-d4	8.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

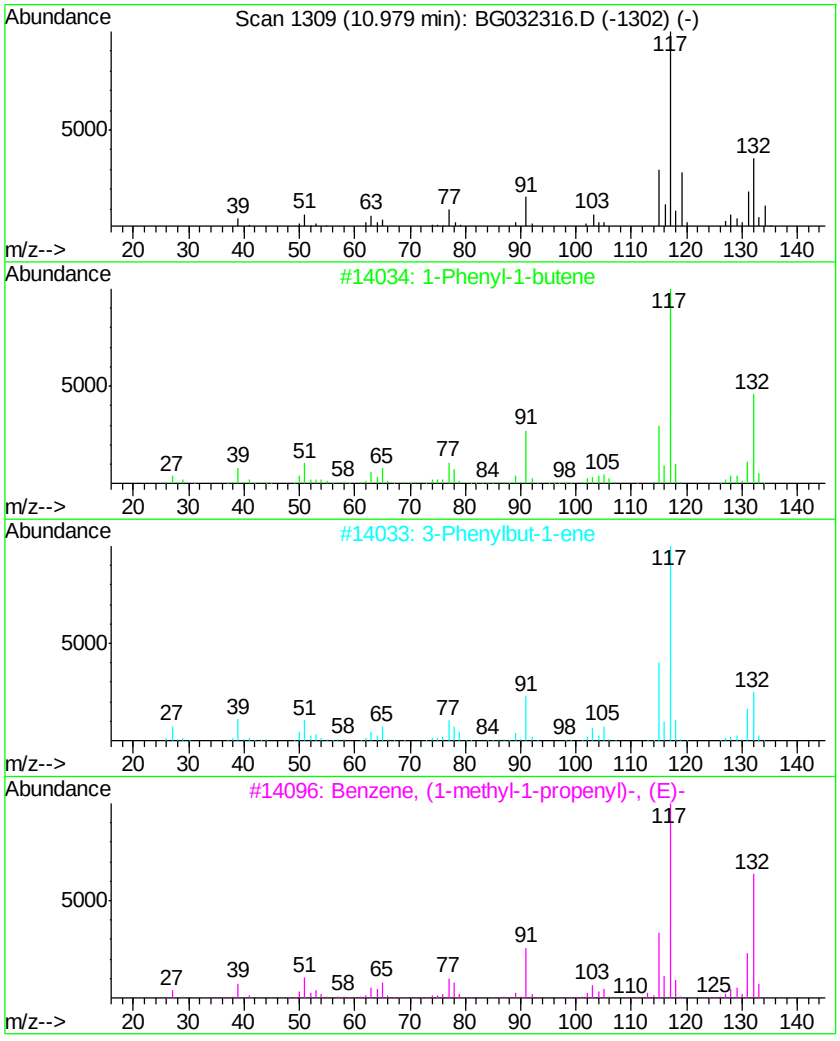
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

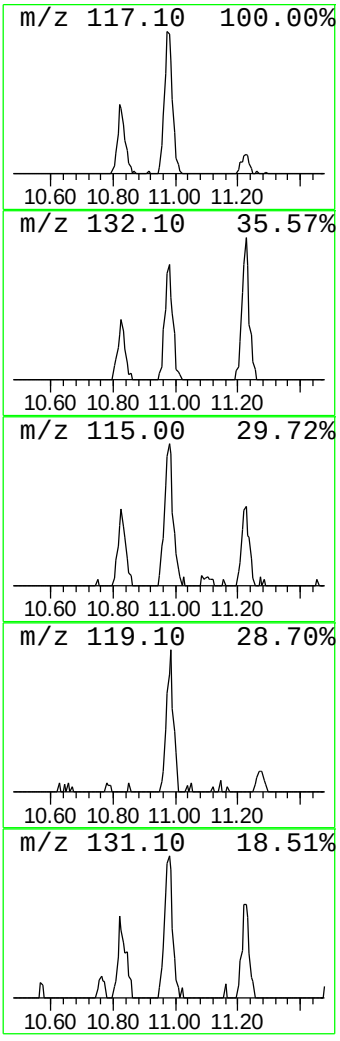
****

Peak Number 5 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	6.23 ng	87234	Naphthalene-d8	11.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

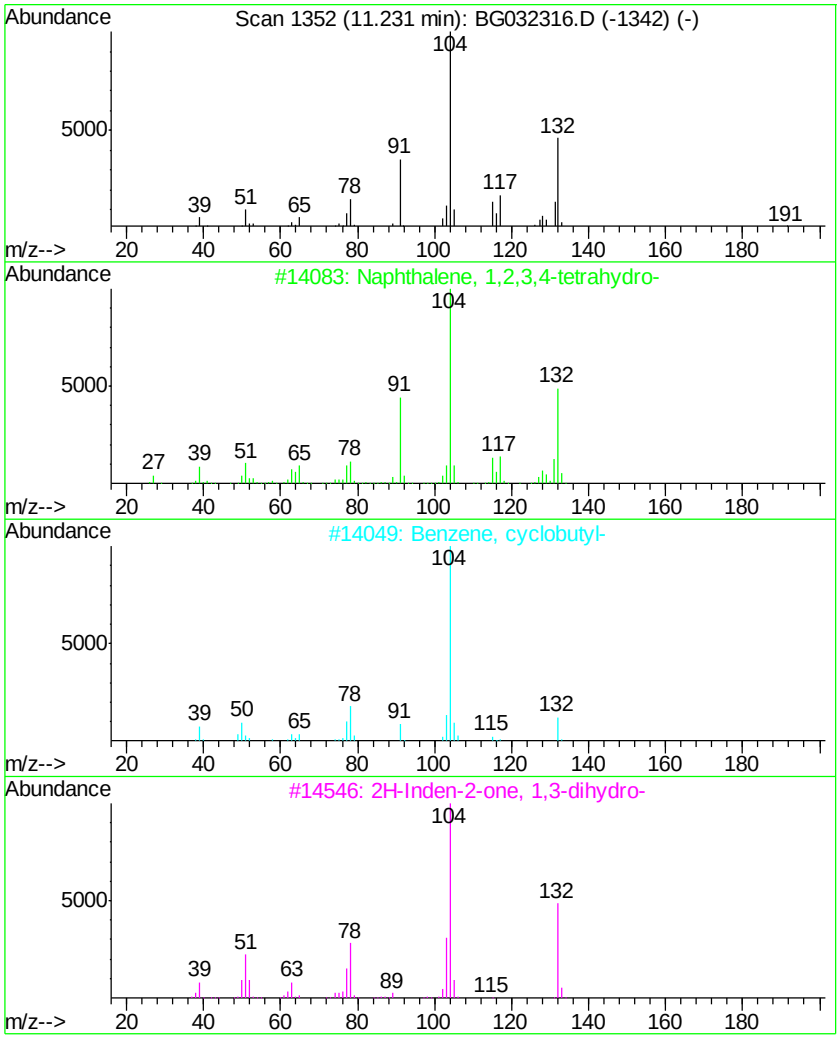
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

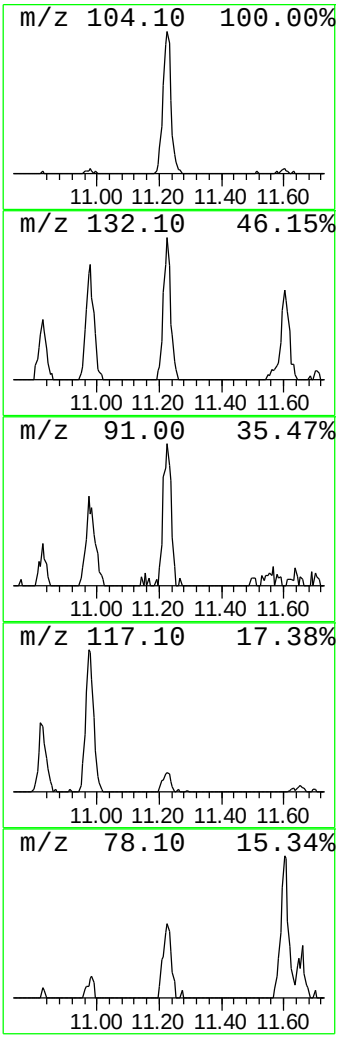
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	5.14 ng	72038	Naphthalene-d8	11.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	52
4	Indan, epoxide	132	C9H8O	000768-22-9	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

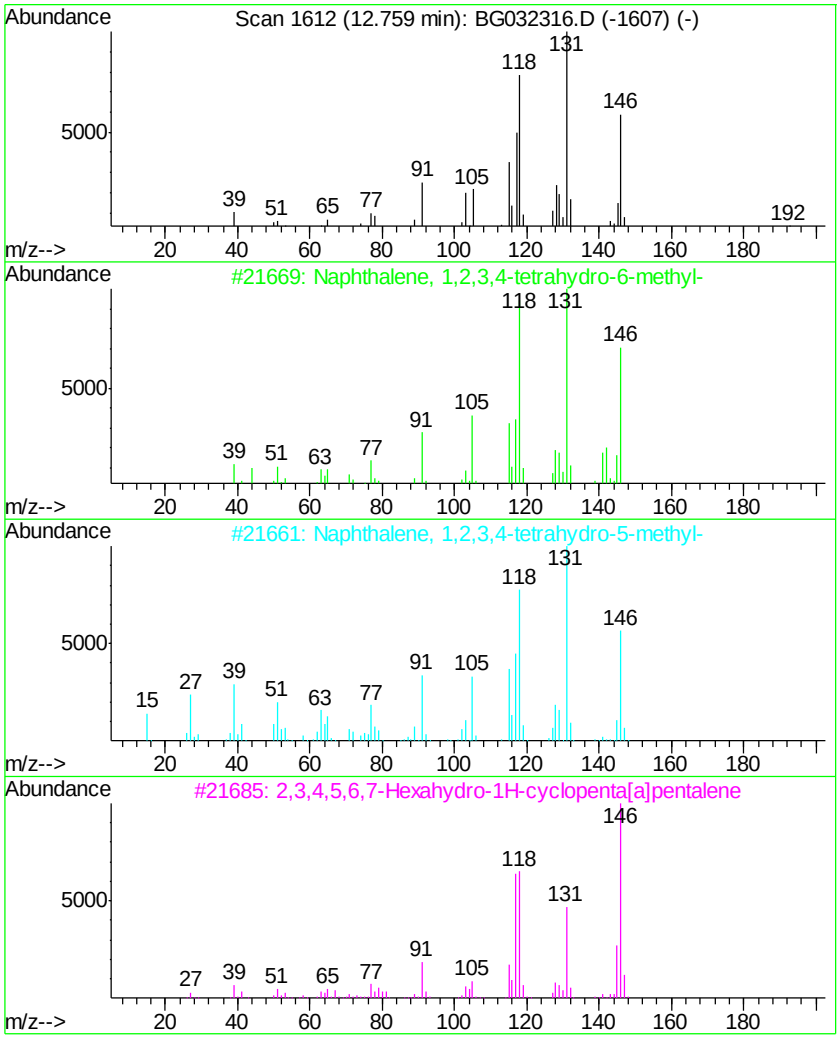
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

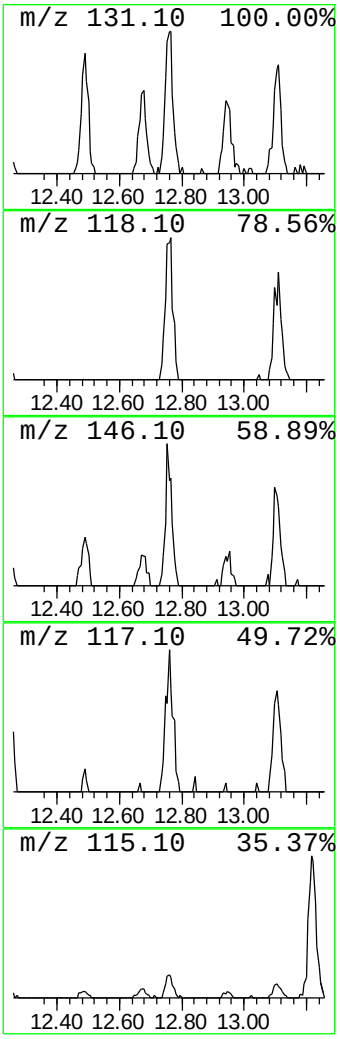
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.53 ng	49478	Naphthalene-d8	11.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53
5	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

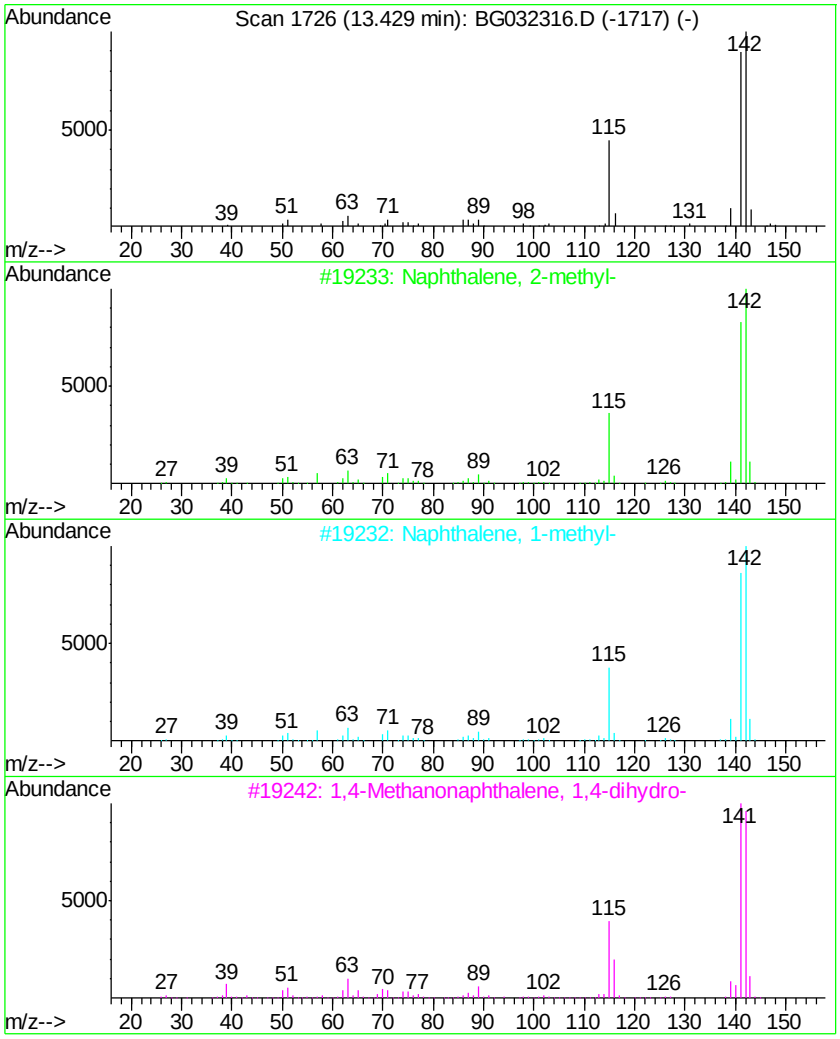
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

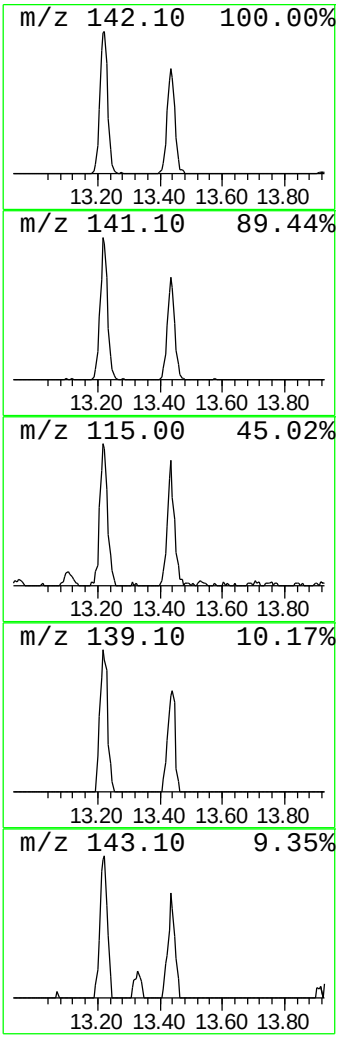
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	9.09 ng	127331	Naphthalene-d8	11.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
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Acq On : 26 Jan 2018 6:01
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Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

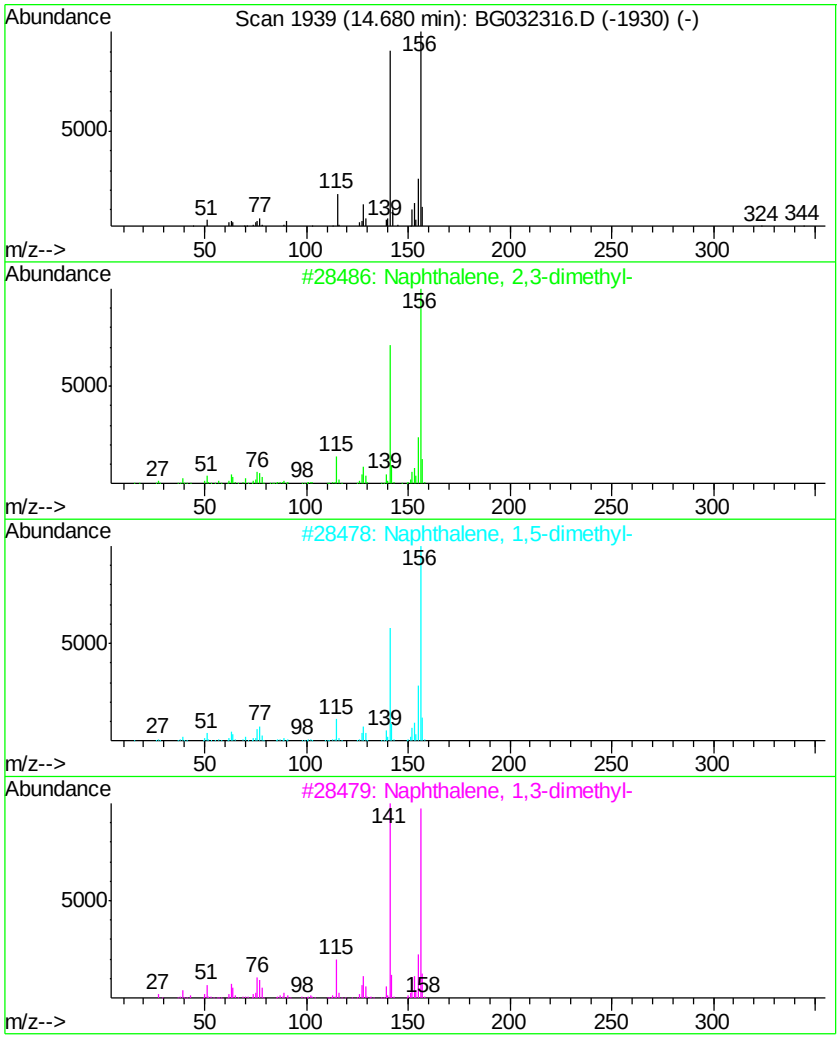
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

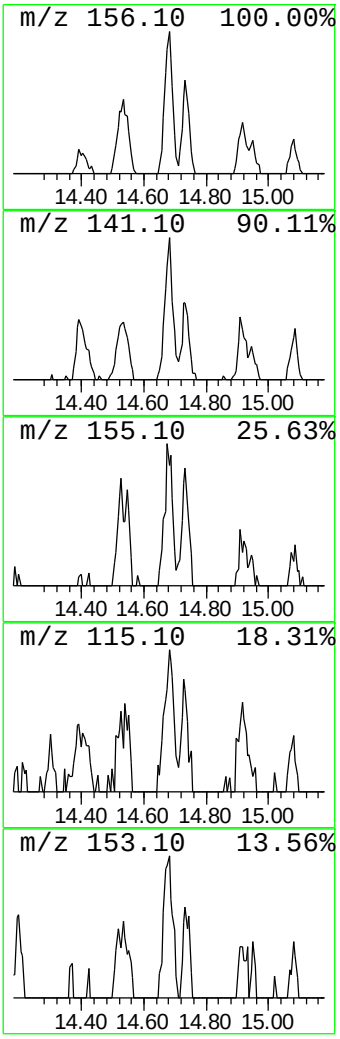
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.79 ng	62142	Acenaphthene-d10	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012518\
Data File : BG032316.D
Acq On : 26 Jan 2018 6:01
Operator : SJ/JU
Sample : J1267-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IGW-5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
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
Butane, 2-methoxy...	3.46	53.1	ng	496154	1	8.73	186979	20.0
2-Pentanone, 4-hy...	5.66	157.8	ng	1474990	1	8.73	186979	20.0
unknown8.23	8.23	102.5	ng	958670	1	8.73	186979	20.0
1-Phenyl-1-butene	10.98	6.2	ng	87234	2	11.60	280257	20.0
Naphthalene, 1,2,...	11.23	5.1	ng	72038	2	11.60	280257	20.0
Naphthalene, 1,2,...	12.76	3.5	ng	49478	2	11.60	280257	20.0
Naphthalene, 1-me...	13.43	9.1	ng	127331	2	11.60	280257	20.0
Naphthalene, 2,3-...	14.68	2.8	ng	62142	3	15.36	444934	20.0