LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036176.D
Acq On : 8 Aug 2018 00:18
Operator : JU/SJ
Sample : J4303-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A03

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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	5.127	307	313	321	rBV	22809	37036	1.14%	0.310%
2	5.597	386	393	406	rBV	210462	389170	12.00%	3.260%
3	7.183	656	663	677	rBV2	116138	256010	7.90%	2.144%
4	7.547	717	725	741	rBV	433425	802599	24.76%	6.722%
5	8.011	794	804	812	rBV	96180	173422	5.35%	1.453%
6	8.334	849	859	871	rBV	412021	751353	23.18%	6.293%
7	9.174	995	1002	1017	rVB	322351	649476	20.03%	5.440%
8	9.456	1040	1050	1059	rVB	20051	34585	1.07%	0.290%
9	10.813	1273	1281	1288	rBV2	104054	219020	6.76%	1.834%
10	11.277	1353	1360	1368	rVB	43630	82890	2.56%	0.694%
11	11.389	1373	1379	1387	rVB2	39698	75521	2.33%	0.633%
12	13.257	1689	1697	1704	rBV	926445	1485704	45.83%	12.444%
13	14.632	1924	1931	1939	rBV2	191791	349275	10.77%	2.925%
14	16.000	2159	2164	2174	rBV3	58847	145504	4.49%	1.219%
15	16.124	2178	2185	2199	rVB	946103	1508192	46.52%	12.632%
16	17.375	2389	2398	2406	rBV2	302111	490018	15.11%	4.104%
17	19.989	2836	2843	2856	rBV	2339849	3241949	100.00%	27.153%
18	21.640	3117	3124	3133	rBV	337992	602919	18.60%	5.050%
19	23.890	3501	3507	3513	rBV9	17936	38679	1.19%	0.324%
20	24.824	3652	3666	3678	rBV3	192968	606140	18.70%	5.077%

Sum of corrected areas: 11939462

LSC Report - Integrated Chromatogram

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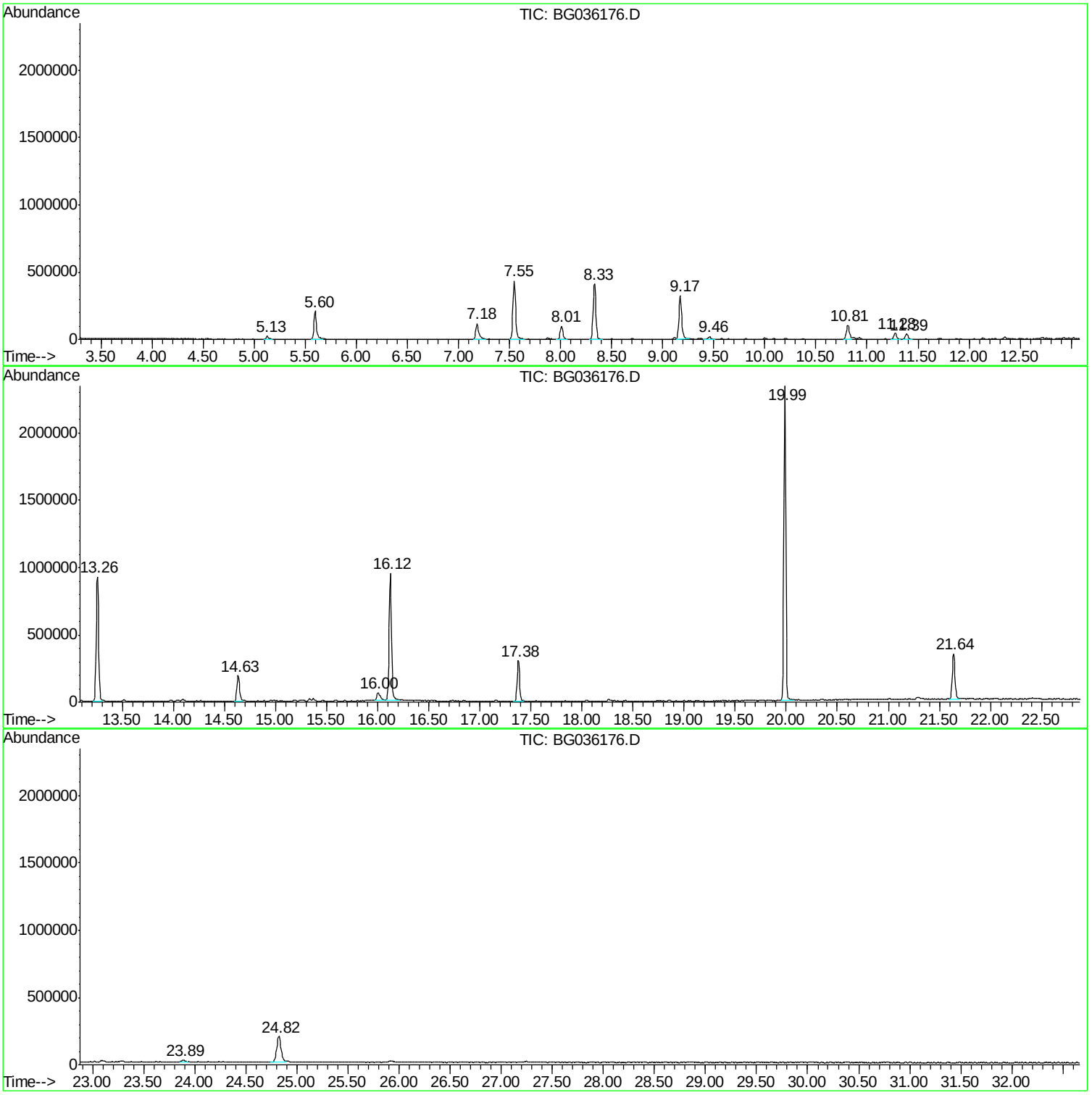
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

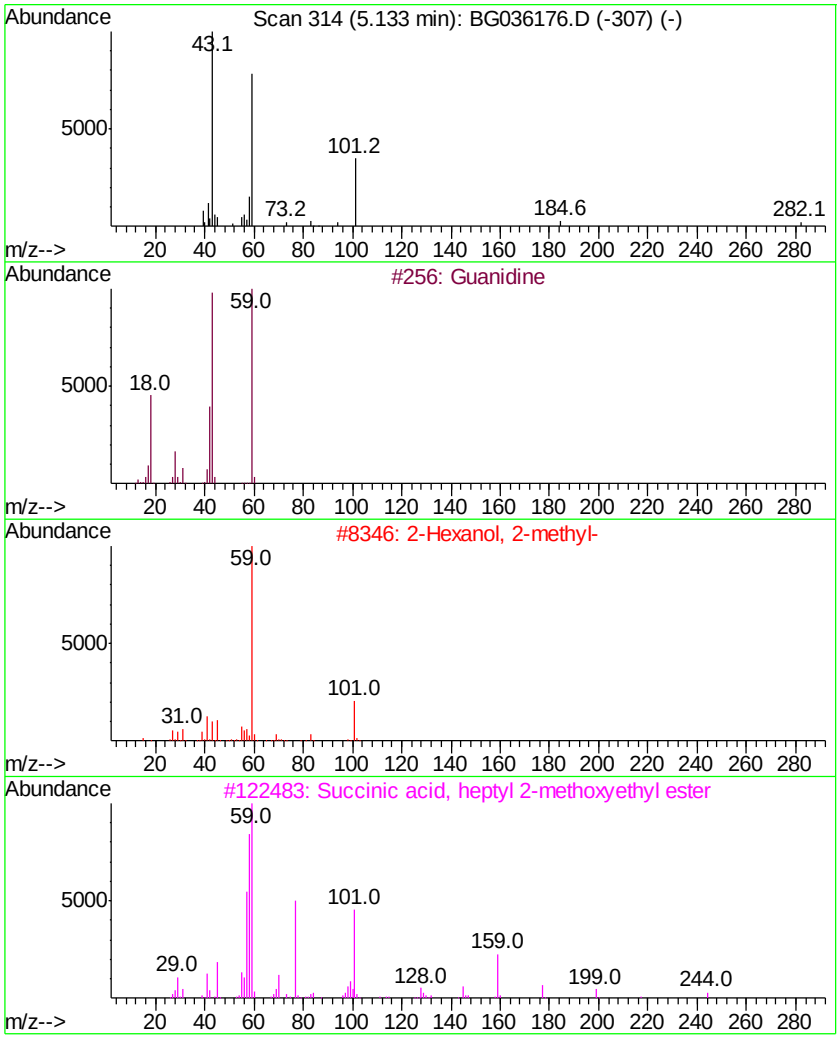
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

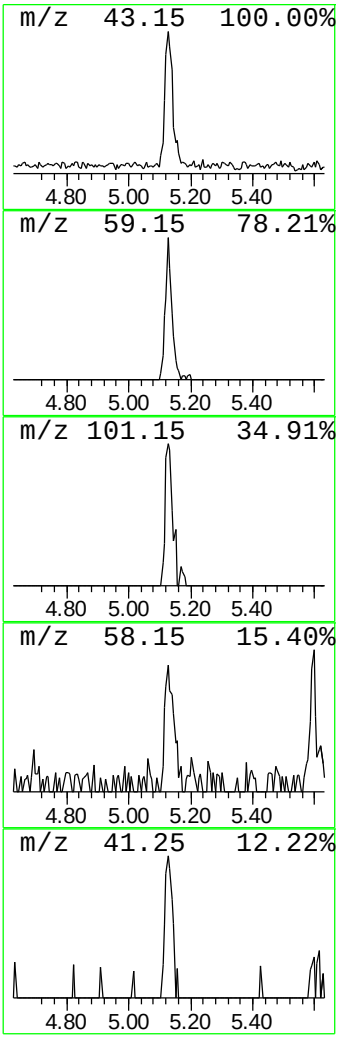
****

Peak Number 1 Guanidine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	4.27 ng	37036	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36
3	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	36
4	3-Heptanol	116	C7H16O	000589-82-2	33
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	33





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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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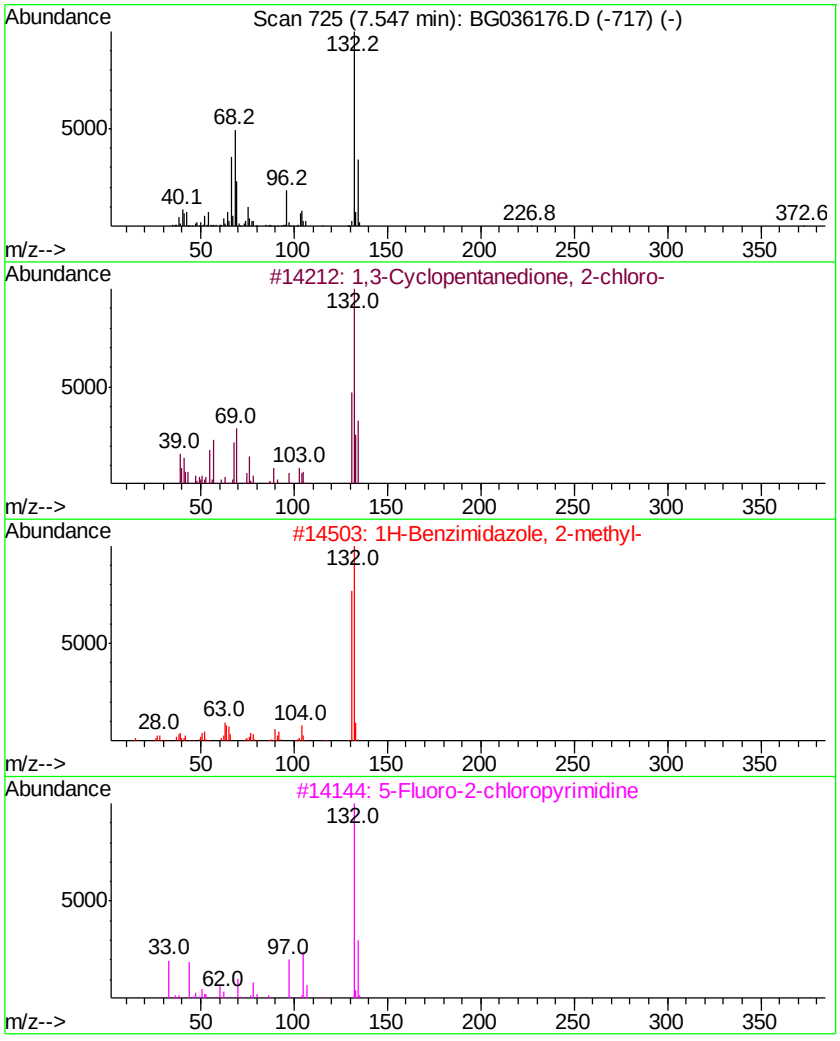
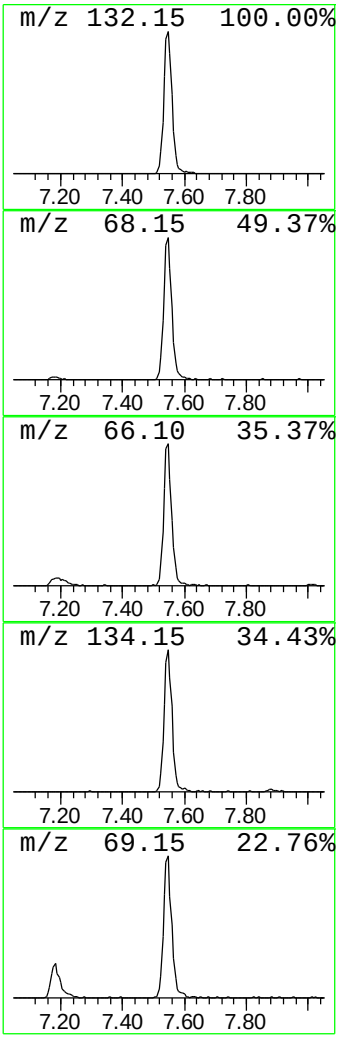
Peak Number 2 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	92.56 ng	802599	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10





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Sample : J4303-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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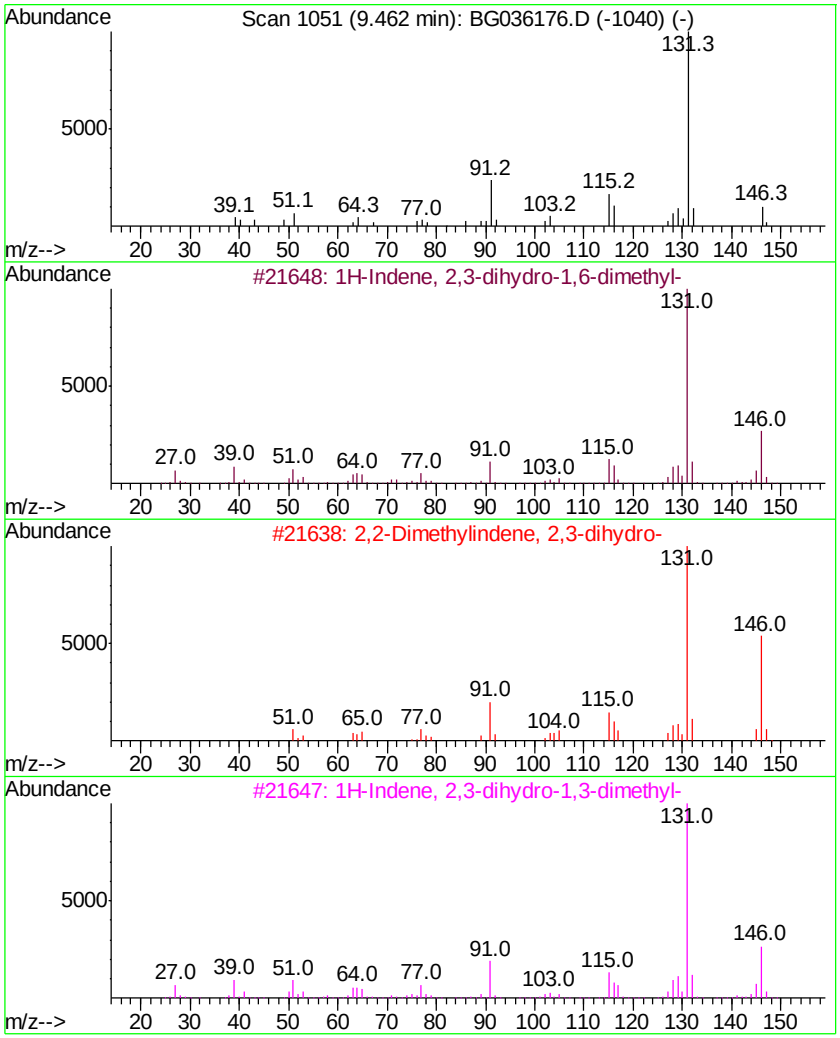
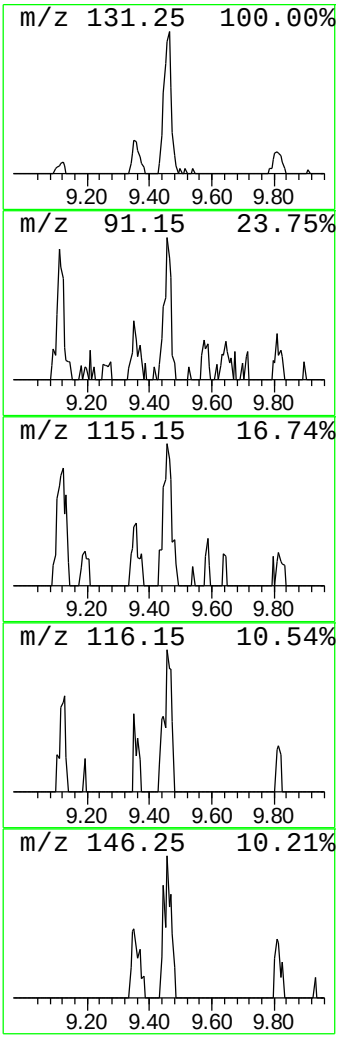
****

Peak Number 4 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	3.16 ng	34585	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	78
4	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	72
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	72





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Sample : J4303-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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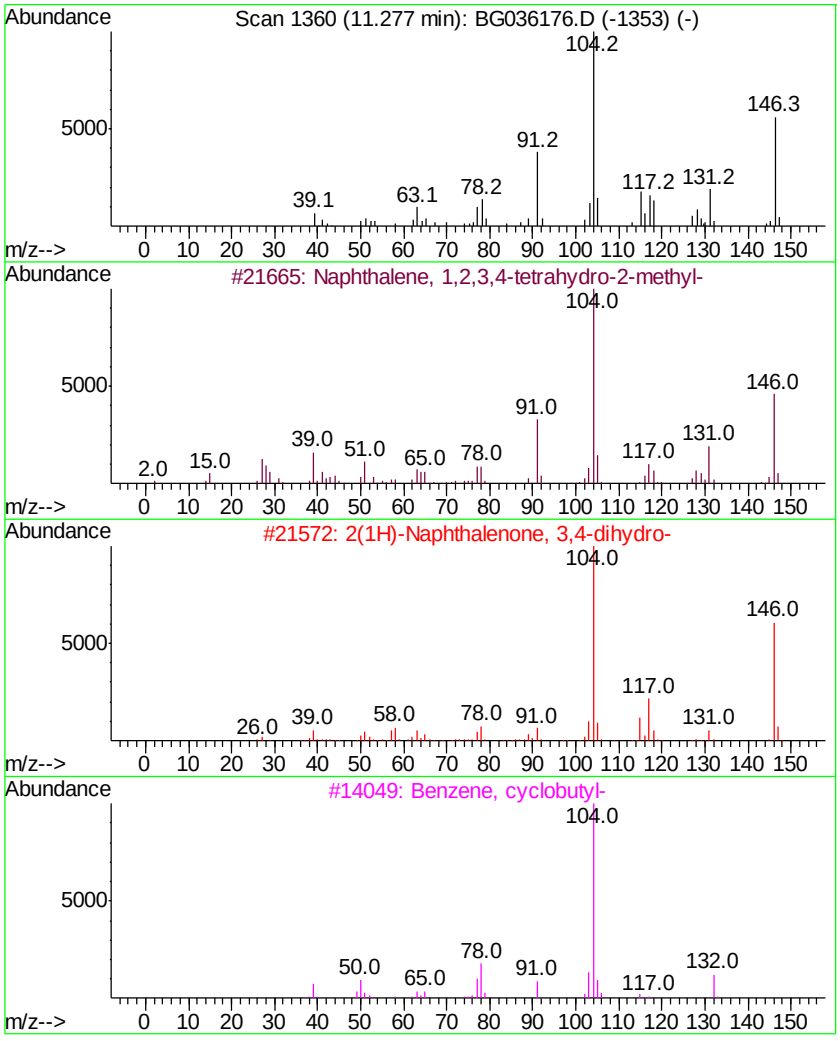
TIC Integration Parameters: LSCINT.P

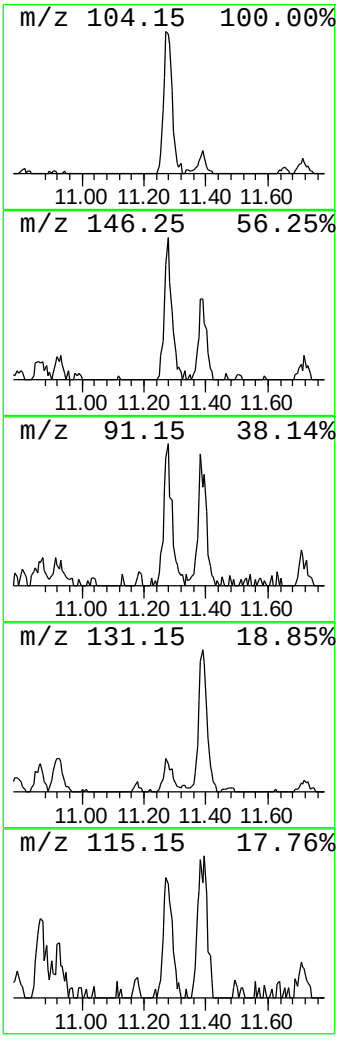
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	7.57 ng	82890	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	86
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	72
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	38
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38
5	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38





Library Search Compound Report

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Operator : JU/SJ
Sample : J4303-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

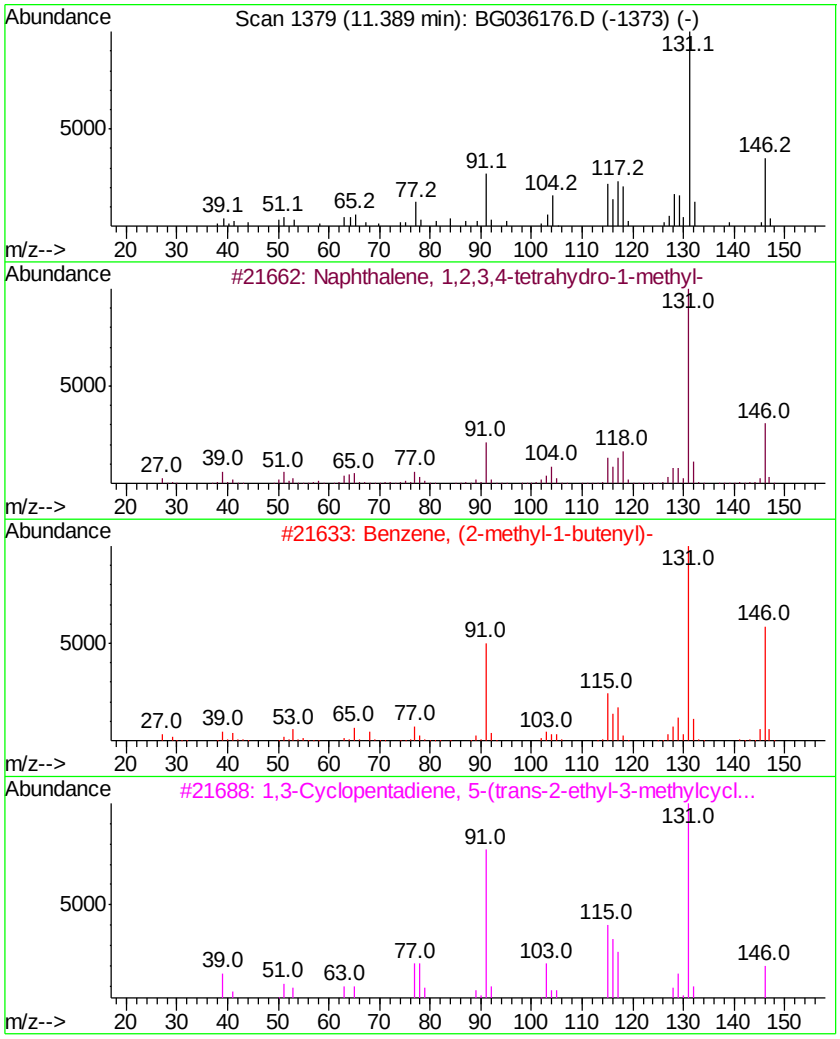
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

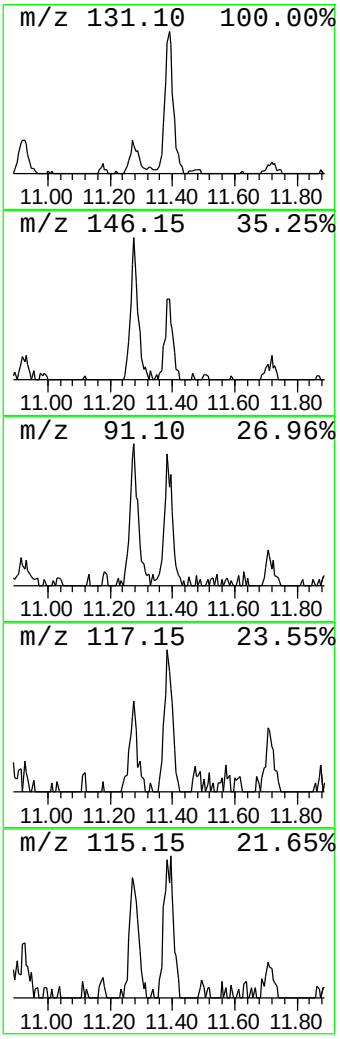
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.90 ng	75521	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76





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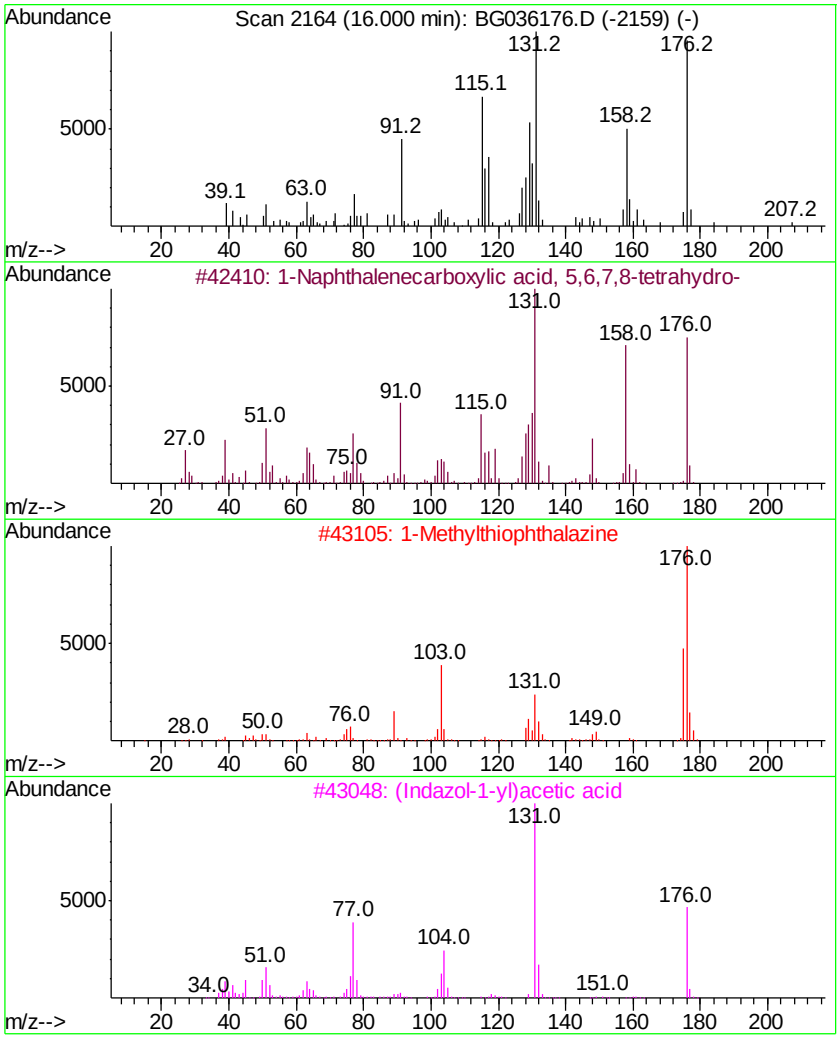
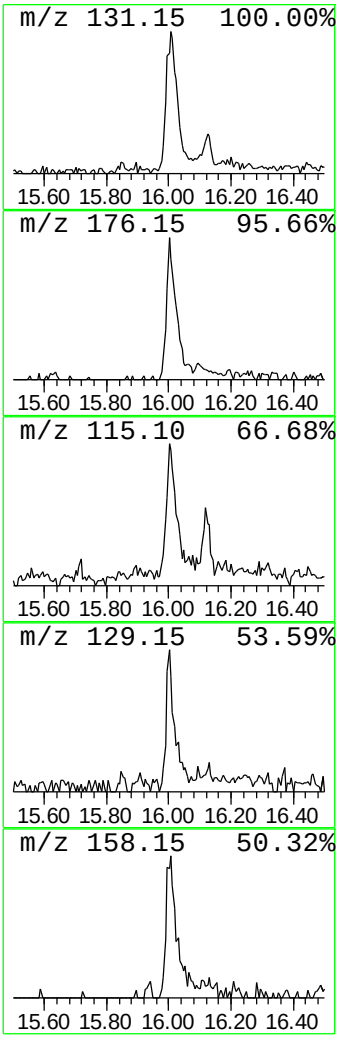
****

Peak Number 7 1-Naphthalenecarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	8.33 ng	145504	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	74
2	1-Methylthiophthalazine	176	C9H8N2S	021948-74-3	47
3	(Indazol-1-yl)acetic acid	176	C9H8N2O2	1000315-94-2	42
4	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	38
5	1,2-Disilacyclopentane, 1,1,2,2-...	158	C7H18Si2	015003-82-4	30





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
Guanidine	5.13	4.3	ng	37036	1	8.01	173422	20.0
unknown7.55	7.55	92.6	ng	802599	1	8.01	173422	20.0
1H-Indene, 2,3-di...	9.46	3.2	ng	34585	2	10.81	219020	20.0
Naphthalene, 1,2,...	11.28	7.6	ng	82890	2	10.81	219020	20.0
Naphthalene, 1,2,...	11.39	6.9	ng	75521	2	10.81	219020	20.0
1-Naphthalenecarb...	16.00	8.3	ng	145504	3	14.63	349275	20.0