LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
Data File : BG040594.D
Acq On : 24 Apr 2019 15:23
Operator : JU/SJ
Sample : K2522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WELL-1

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-BG042319.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	3.164	7	13	23	rBV	298815	547688	10.65%	2.553%
2	3.241	23	26	36	rVB	59530	88789	1.73%	0.414%
3	5.685	435	442	449	rBV	514584	801554	15.58%	3.737%
4	7.289	708	715	723	rBV	373437	622717	12.11%	2.903%
5	7.683	774	782	789	rVB	829881	1443517	28.06%	6.730%
6	8.158	855	863	868	rBV	194373	344367	6.69%	1.606%
7	8.482	910	918	926	rVB	673995	1185011	23.04%	5.525%
8	9.334	1054	1063	1071	rBV	654693	1168279	22.71%	5.447%
9	10.744	1298	1303	1309	rVB3	34064	56475	1.10%	0.263%
10	10.985	1337	1344	1355	rVB	264439	478806	9.31%	2.232%
11	13.411	1748	1757	1765	rVB	1747655	2732604	53.12%	12.740%
12	14.234	1889	1897	1901	rBV	57845	86081	1.67%	0.401%
13	14.786	1983	1991	1999	rBV2	434882	727622	14.14%	3.392%
14	16.272	2237	2244	2251	rBV	1549216	2346963	45.62%	10.942%
15	17.530	2452	2458	2465	rBV	629536	978288	19.02%	4.561%
16	20.133	2894	2901	2907	rVB	4041962	5144083	100.00%	23.983%
17	21.431	3118	3122	3129	rBV5	44854	67529	1.31%	0.315%
18	21.825	3182	3189	3196	rBV2	689155	1153336	22.42%	5.377%
19	22.636	3324	3327	3336	rBV2	28574	52572	1.02%	0.245%
20	23.376	3448	3453	3458	rVB3	44130	84820	1.65%	0.395%
21	24.222	3591	3597	3608	rVB2	50404	121355	2.36%	0.566%
22	25.203	3754	3764	3779	rVB2	366771	1216467	23.65%	5.671%

Sum of corrected areas: 21448923

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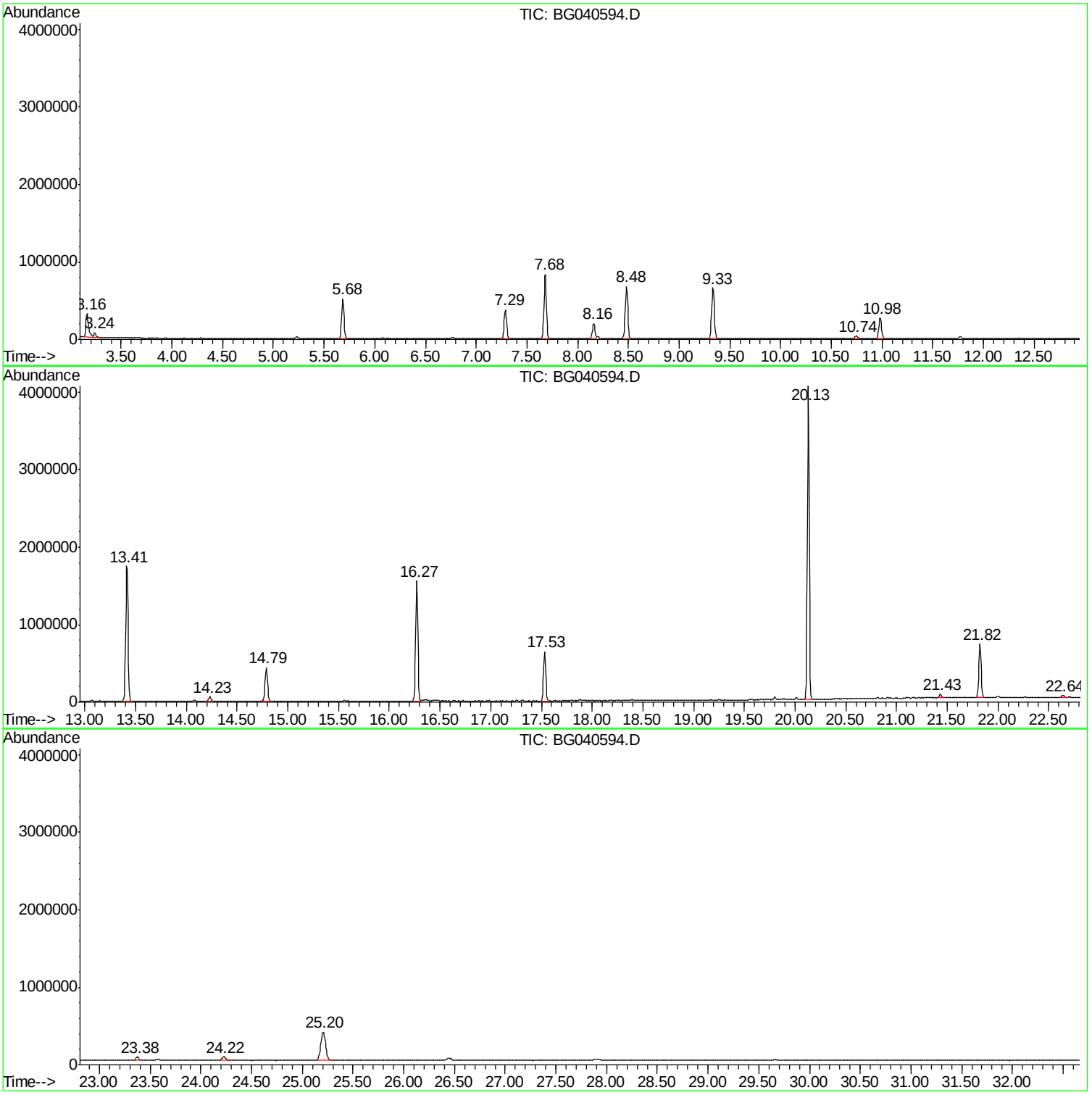
Instrument :
BNA_G
ClientSampleId :
WELL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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 : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
Data File : BG040594.D
Acq On : 24 Apr 2019 15:23
Operator : JU/SJ
Sample : K2522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WELL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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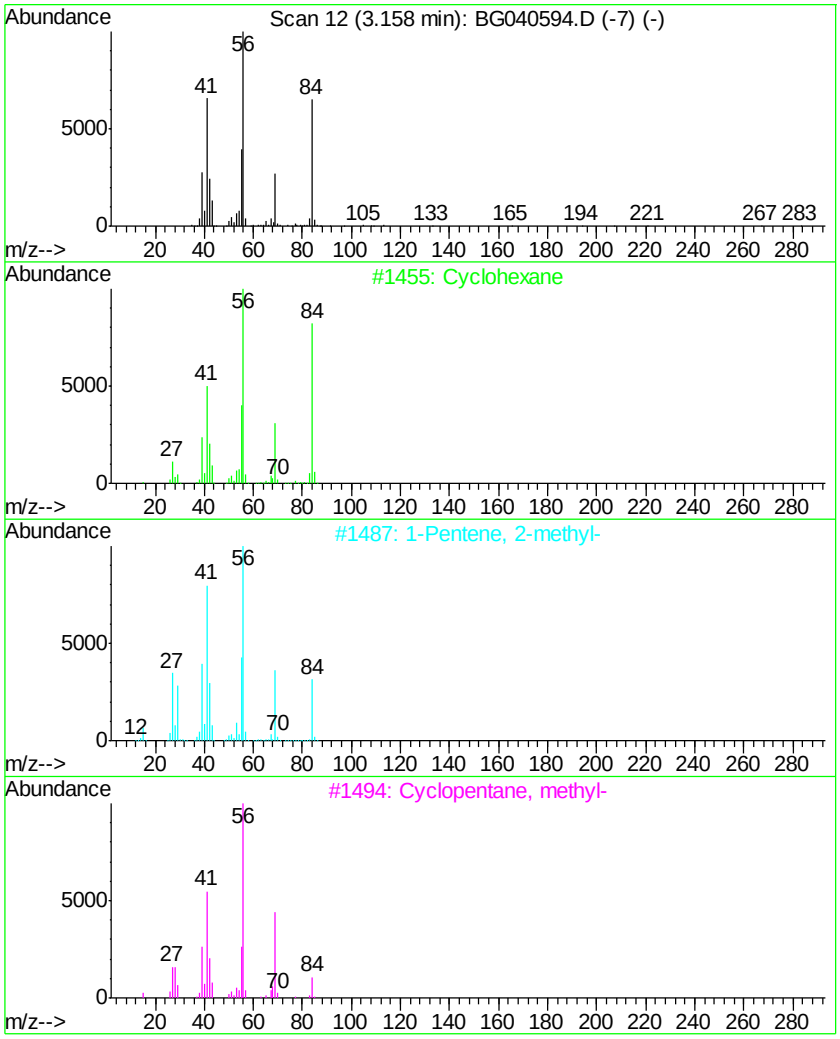
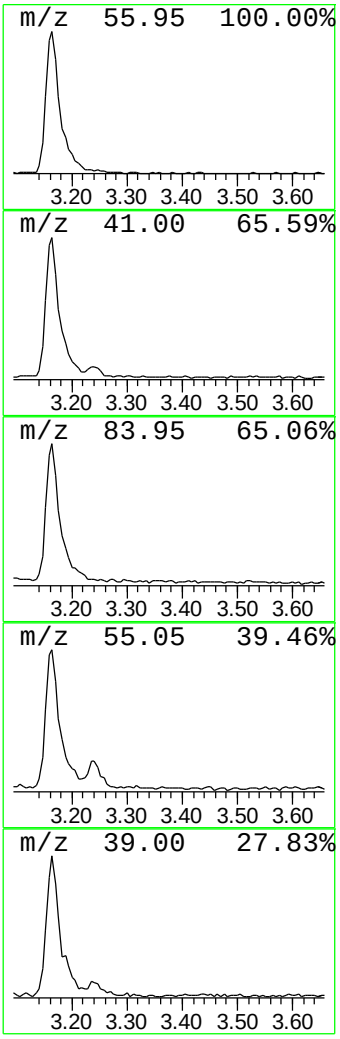
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	31.81 ng	547688	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	43





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Operator : JU/SJ
Sample : K2522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WELL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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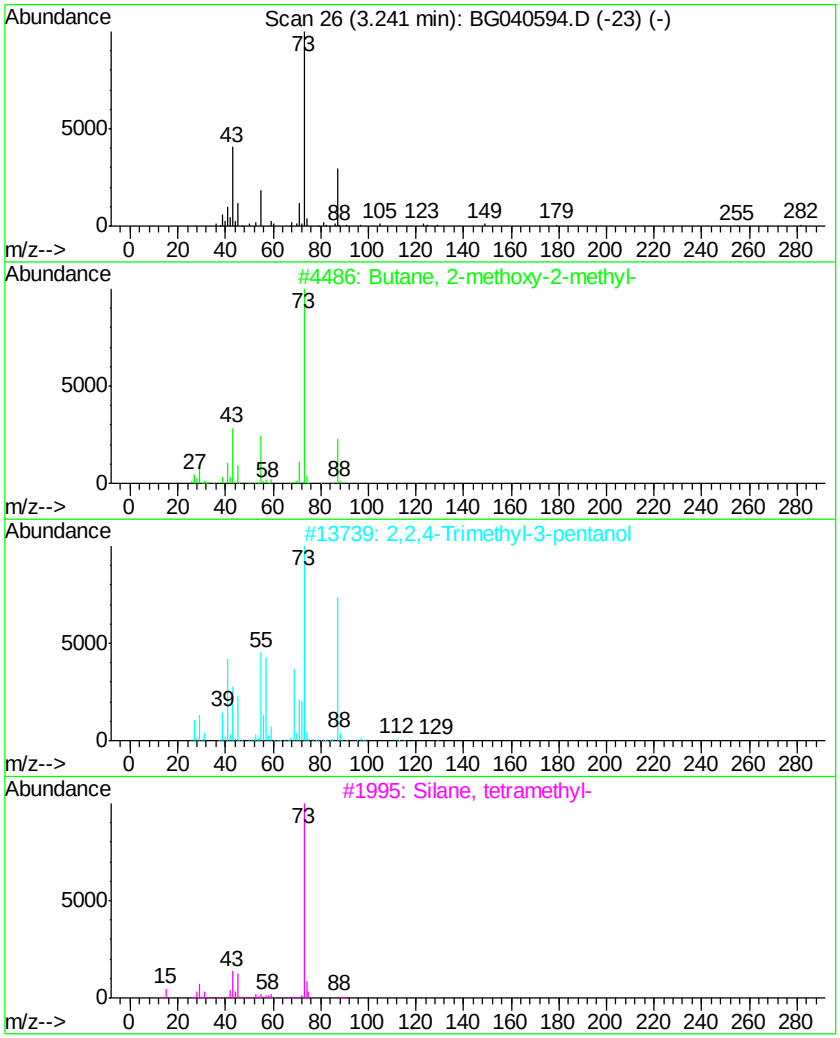
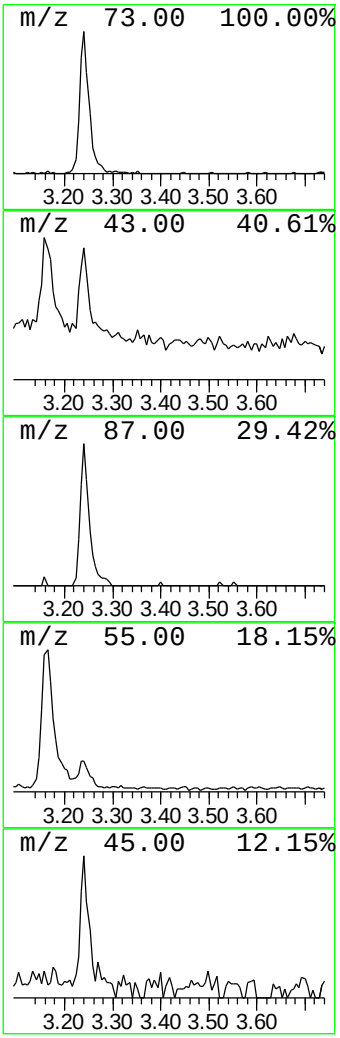
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	5.16 ng	88789	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
Data File : BG040594.D
Acq On : 24 Apr 2019 15:23
Operator : JU/SJ
Sample : K2522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WELL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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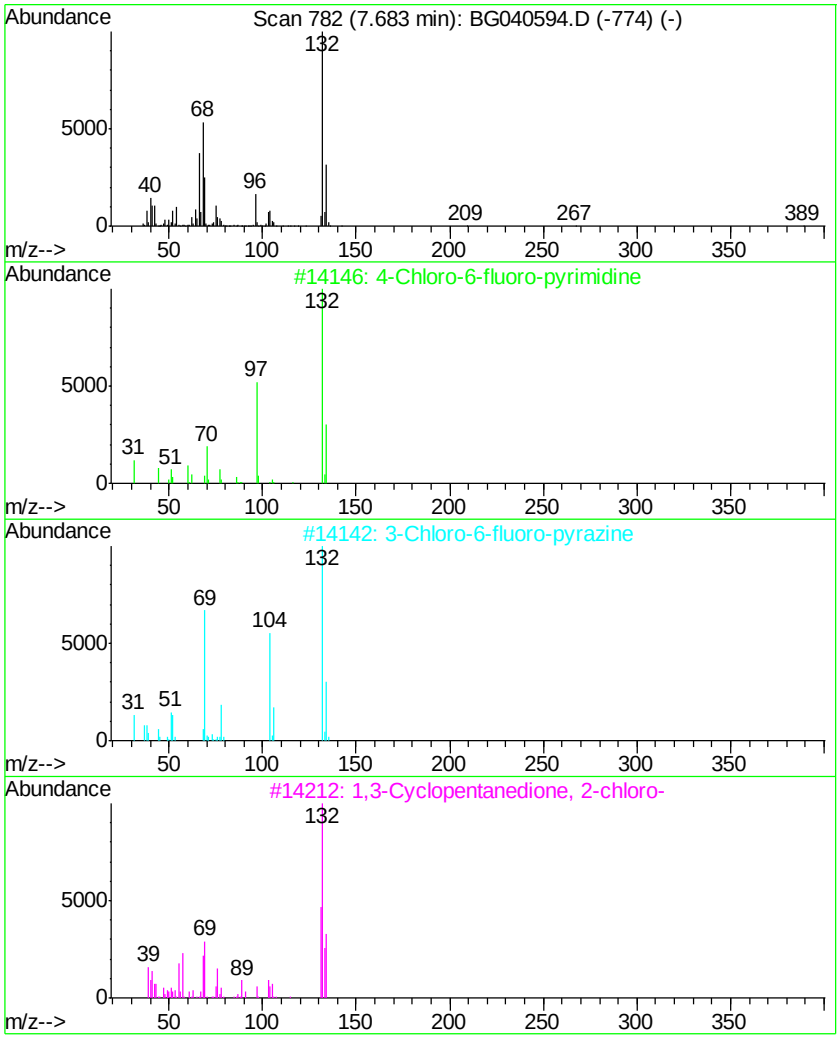
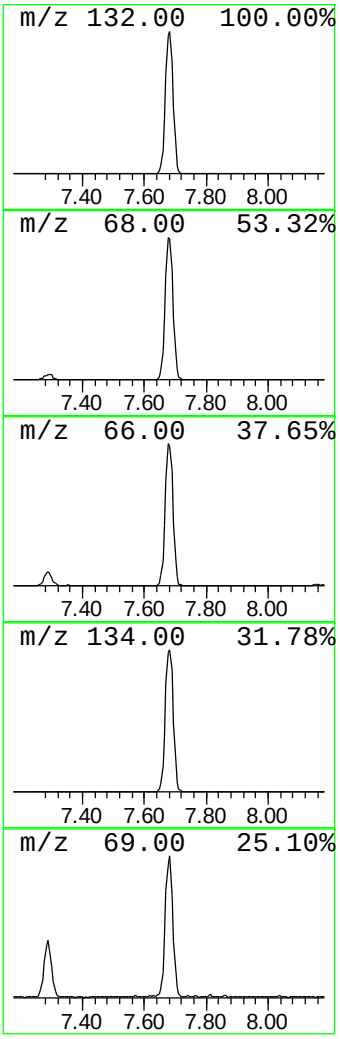
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	83.84 ng	1443520	1,4-Dichlorobenzene-d4	8.16

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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Operator : JU/SJ
Sample : K2522-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WELL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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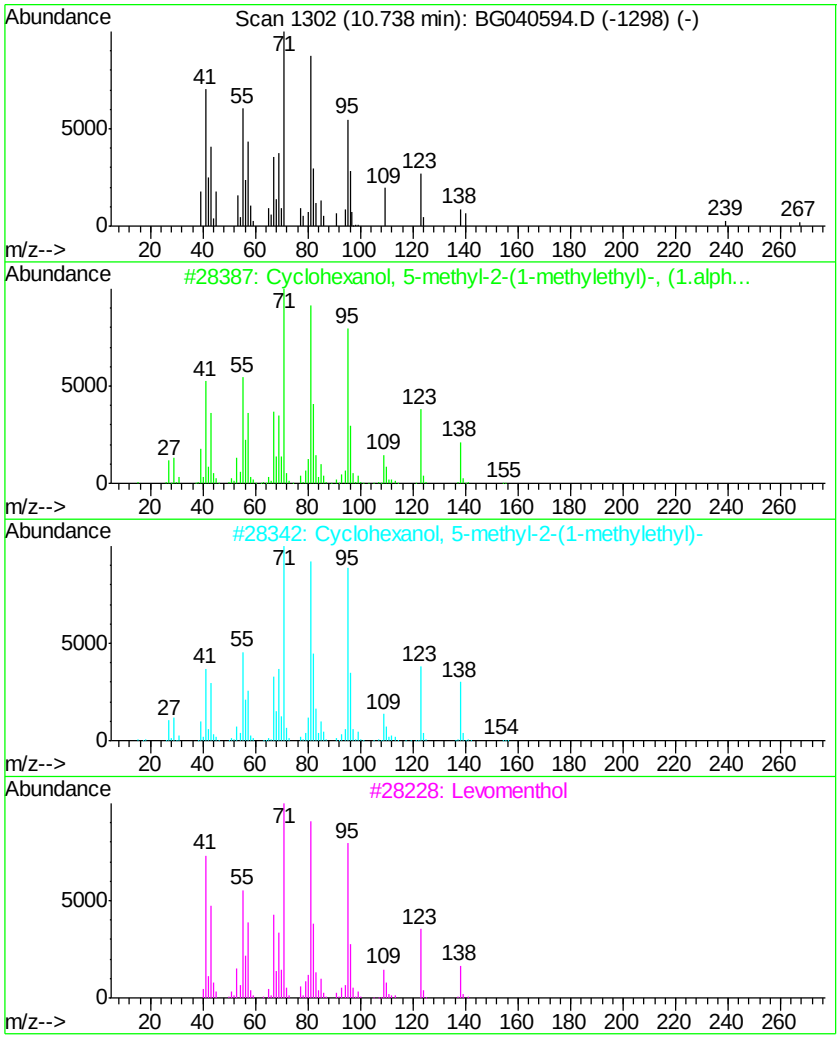
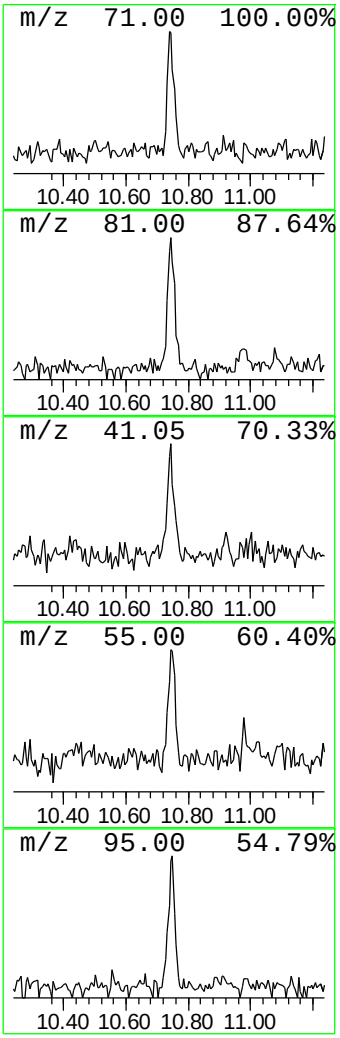
Peak Number 5 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.36 ng	56475	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	90
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	86
3	Levomenthol	156	C10H20O	002216-51-5	83
4	L-Menthyl chloroformate	218	C11H19ClO2	014602-86-9	64
5	Cyclohexane, 2-chloro-4-methyl-1...	174	C10H19Cl	016052-42-9	59





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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
1-Pentene, 2-methyl-	3.16	31.8	ng	547688	1	8.16	344367	20.0
Butane, 2-methoxy...	3.24	5.2	ng	88789	1	8.16	344367	20.0
unknown7.68	7.68	83.8	ng	1443520	1	8.16	344367	20.0
Cyclohexanol, 5-m...	10.74	2.4	ng	56475	2	10.98	478806	20.0