LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043416.D
Acq On : 31 Oct 2019 1:04
Operator : JU
Sample : K5599-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z3-21B

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-BG102119.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	3.190	13	17	28	rVB	95431	149559	6.41%	1.261%
2	5.123	341	346	359	rVB	84617	137670	5.90%	1.160%
3	5.611	422	429	442	rBV	352495	632626	27.13%	5.332%
4	7.203	693	700	713	rBV	374675	740262	31.75%	6.240%
5	7.562	750	761	779	rBV	407997	747853	32.07%	6.304%
6	8.020	832	839	850	rBV	122618	220862	9.47%	1.862%
7	8.343	884	894	903	rBV	305602	571721	24.52%	4.819%
8	9.183	1027	1037	1050	rBV	194275	425427	18.25%	3.586%
9	10.828	1307	1317	1330	rBV	138740	288166	12.36%	2.429%
10	13.273	1726	1733	1745	rBV	671851	1176001	50.44%	9.913%
11	14.101	1869	1874	1885	rBV	53995	114796	4.92%	0.968%
12	14.648	1958	1967	1979	rBV2	294610	490409	21.03%	4.134%
13	16.134	2214	2220	2240	rBV	542562	1039443	44.58%	8.762%
14	17.397	2428	2435	2451	rBV	359995	645822	27.70%	5.444%
15	20.000	2872	2878	2896	rBV	1680999	2331590	100.00%	19.653%
16	21.299	3094	3099	3109	rBV5	41173	105668	4.53%	0.891%
17	21.387	3109	3114	3124	rVB	25926	59224	2.54%	0.499%
18	21.657	3154	3160	3170	rBV2	455118	822889	35.29%	6.936%
19	22.444	3290	3294	3301	rBV7	15101	24948	1.07%	0.210%
20	23.138	3404	3412	3417	rBV4	26952	60892	2.61%	0.513%
21	23.320	3438	3443	3448	rVB6	14944	26660	1.14%	0.225%
22	23.931	3540	3547	3558	rVB4	28832	66750	2.86%	0.563%
23	24.859	3694	3705	3719	rBV2	296349	906866	38.89%	7.644%
24	25.981	3890	3896	3903	rVB7	15872	42255	1.81%	0.356%
25	27.333	4115	4126	4132	rBV9	10615	35299	1.51%	0.298%

Sum of corrected areas: 11863658

LSC Report - Integrated Chromatogram

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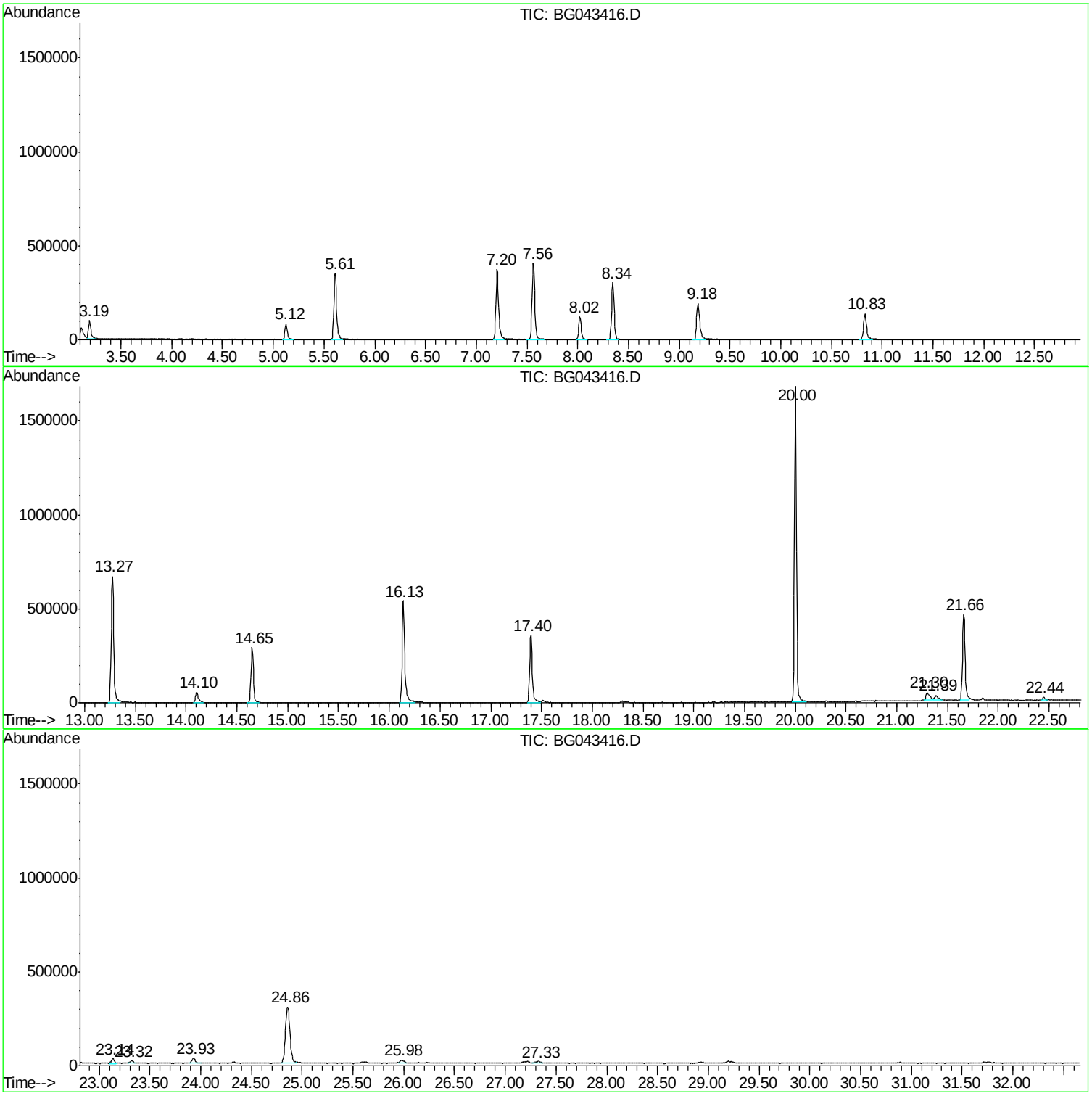
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z3-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043416.D
Acq On : 31 Oct 2019 1:04
Operator : JU
Sample : K5599-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z3-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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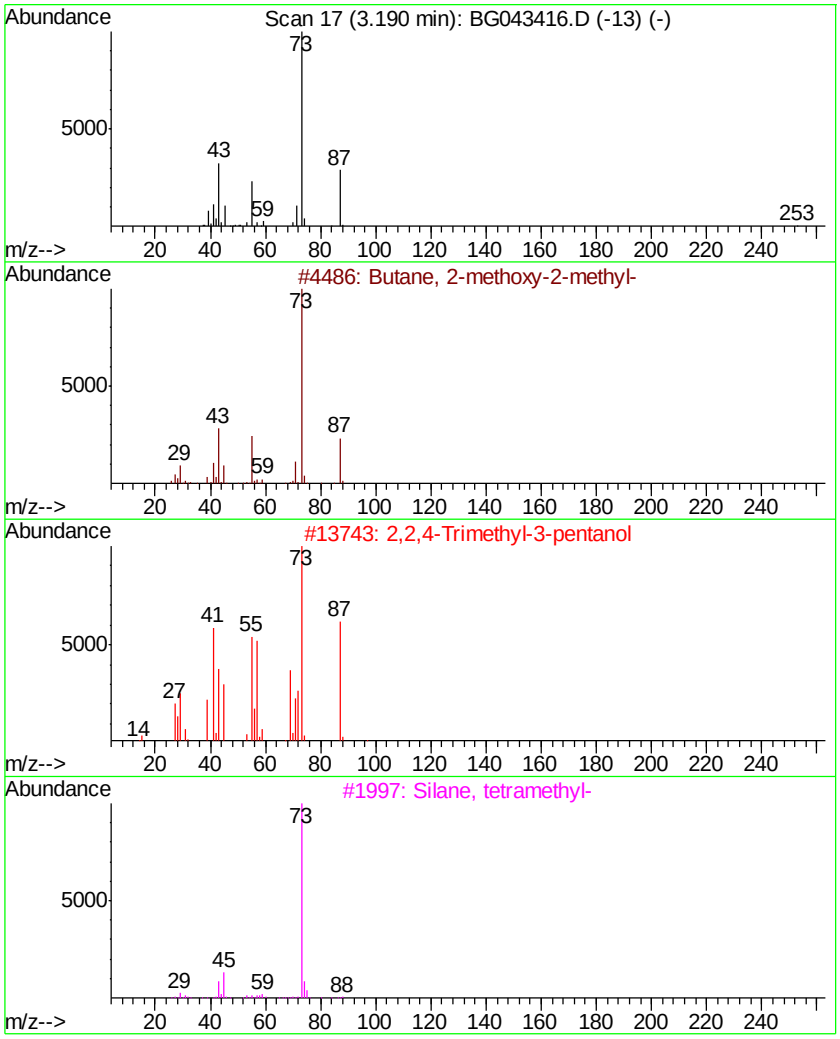
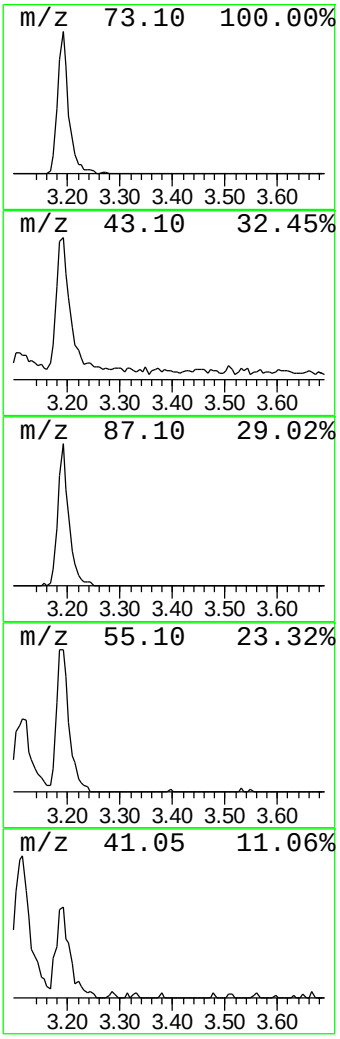
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	13.54 ng	149559	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Operator : JU
Sample : K5599-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z3-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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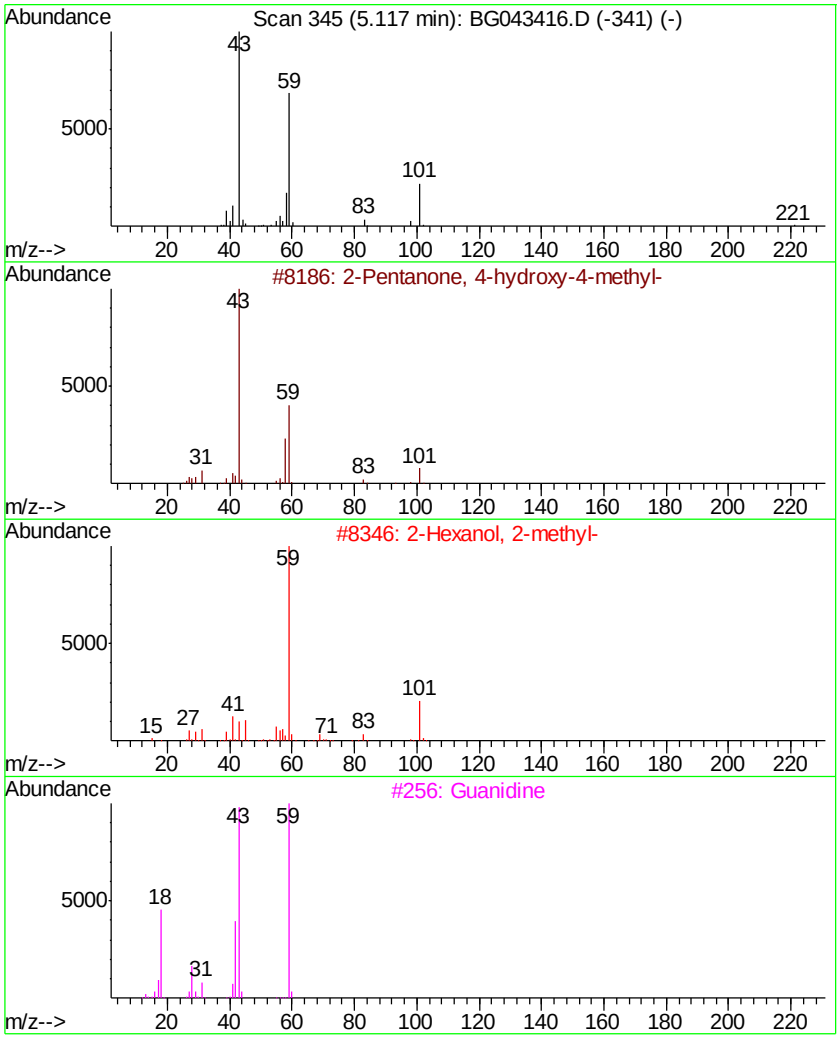
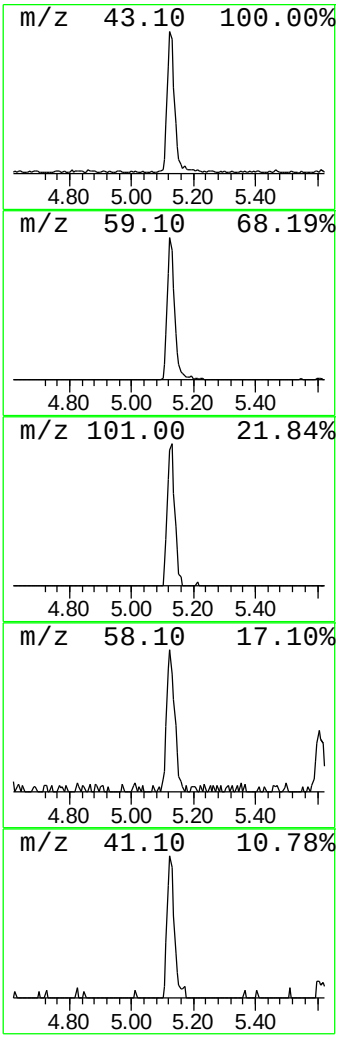
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	12.47 ng	137670	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Guanidine	59	CH5N3	000113-00-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043416.D
Acq On : 31 Oct 2019 1:04
Operator : JU
Sample : K5599-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z3-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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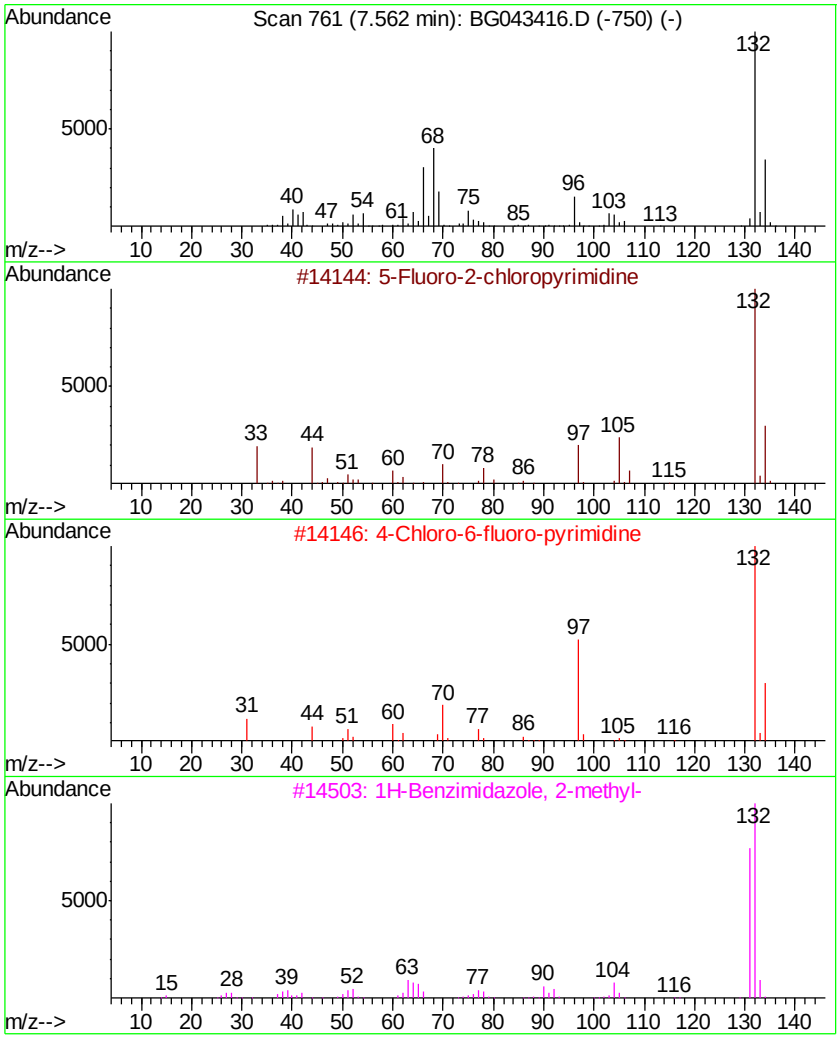
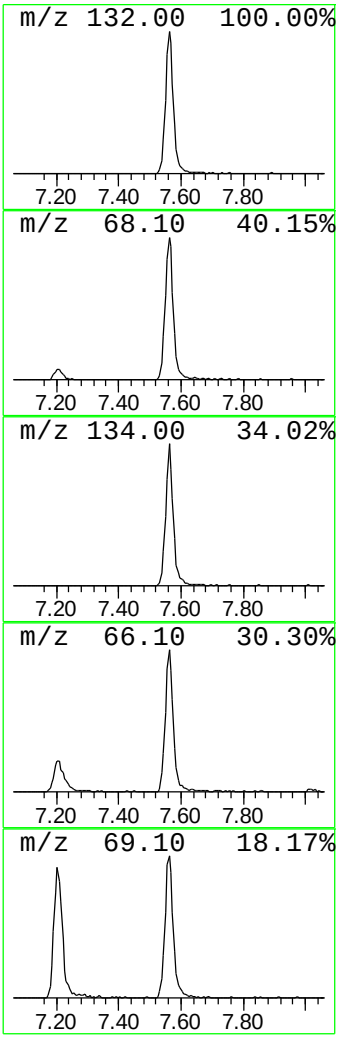
Peak Number 3 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	67.72 ng	747853	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043416.D
Acq On : 31 Oct 2019 1:04
Operator : JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z3-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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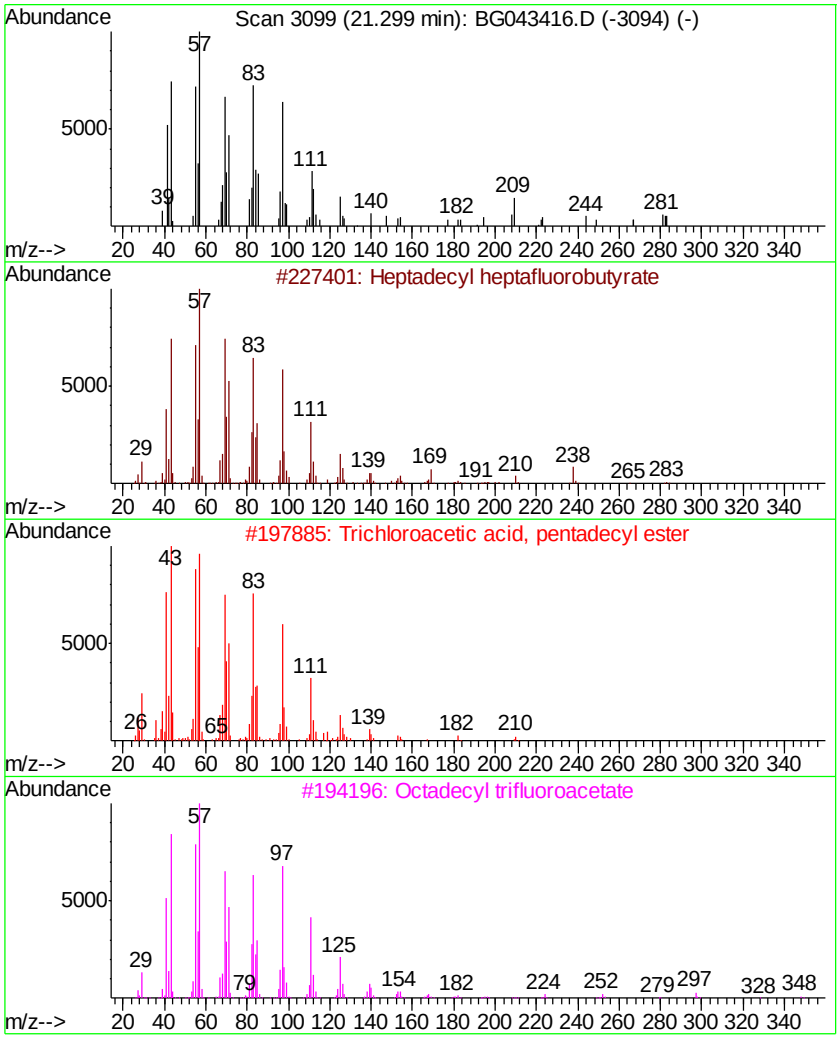
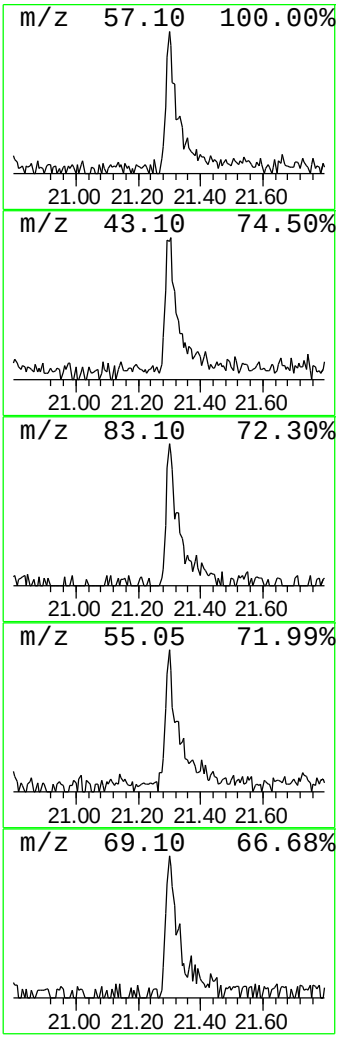
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.57 ng	105668	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	74
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103019\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z3-21B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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...	3.19	13.5	ng	149559	1	8.03	220862	20.0
2-Pentanone, 4-hy...	5.12	12.5	ng	137670	1	8.03	220862	20.0
unknown7.56	7.56	67.7	ng	747853	1	8.03	220862	20.0
Heptadecyl heptaf...	21.30	2.6	ng	105668	5	21.66	822889	20.0