LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043641.D
Acq On : 14 Nov 2019 19:48
Operator : JU
Sample : K5832-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(4-6)

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	3.161	7	12	23	rVB	92565	155186	5.76%	1.162%
2	5.100	336	342	349	rBV	109832	172300	6.40%	1.290%
3	5.594	420	426	440	rBV	534642	918441	34.11%	6.879%
4	7.198	690	699	718	rBV	545021	1060891	39.40%	7.946%
5	7.544	747	758	775	rBV	582109	1042936	38.73%	7.811%
6	7.997	828	835	844	rBV	99922	170197	6.32%	1.275%
7	8.320	882	890	903	rBV	442808	798911	29.67%	5.984%
8	9.160	1024	1033	1048	rBV	303715	611216	22.70%	4.578%
9	10.805	1303	1313	1322	rBV	100831	213254	7.92%	1.597%
10	13.249	1720	1729	1743	rBV	966353	1561094	57.98%	11.692%
11	14.078	1864	1870	1882	rBV	118928	208036	7.73%	1.558%
12	14.624	1956	1963	1975	rBV	206256	341259	12.67%	2.556%
13	16.122	2211	2218	2246	rBV	745799	1385600	51.46%	10.378%
14	17.374	2424	2431	2441	rBV	246235	421005	15.64%	3.153%
15	18.267	2579	2583	2590	rBV3	22543	36467	1.35%	0.273%
16	19.983	2869	2875	2890	rBV	1999637	2692545	100.00%	20.166%
17	21.281	3091	3096	3118	rBV4	43094	152118	5.65%	1.139%
18	21.640	3151	3157	3170	rBV2	285080	535271	19.88%	4.009%
19	21.816	3183	3187	3196	rVB3	17970	29304	1.09%	0.219%
20	22.415	3284	3289	3294	rBV3	21866	38494	1.43%	0.288%
21	23.097	3397	3405	3412	rBV3	30971	59318	2.20%	0.444%
22	23.884	3533	3539	3547	rVB3	26049	56255	2.09%	0.421%
23	24.818	3685	3698	3713	rBV2	212142	634130	23.55%	4.749%
24	25.917	3877	3885	3897	rBV5	19518	57578	2.14%	0.431%

Sum of corrected areas: 13351806

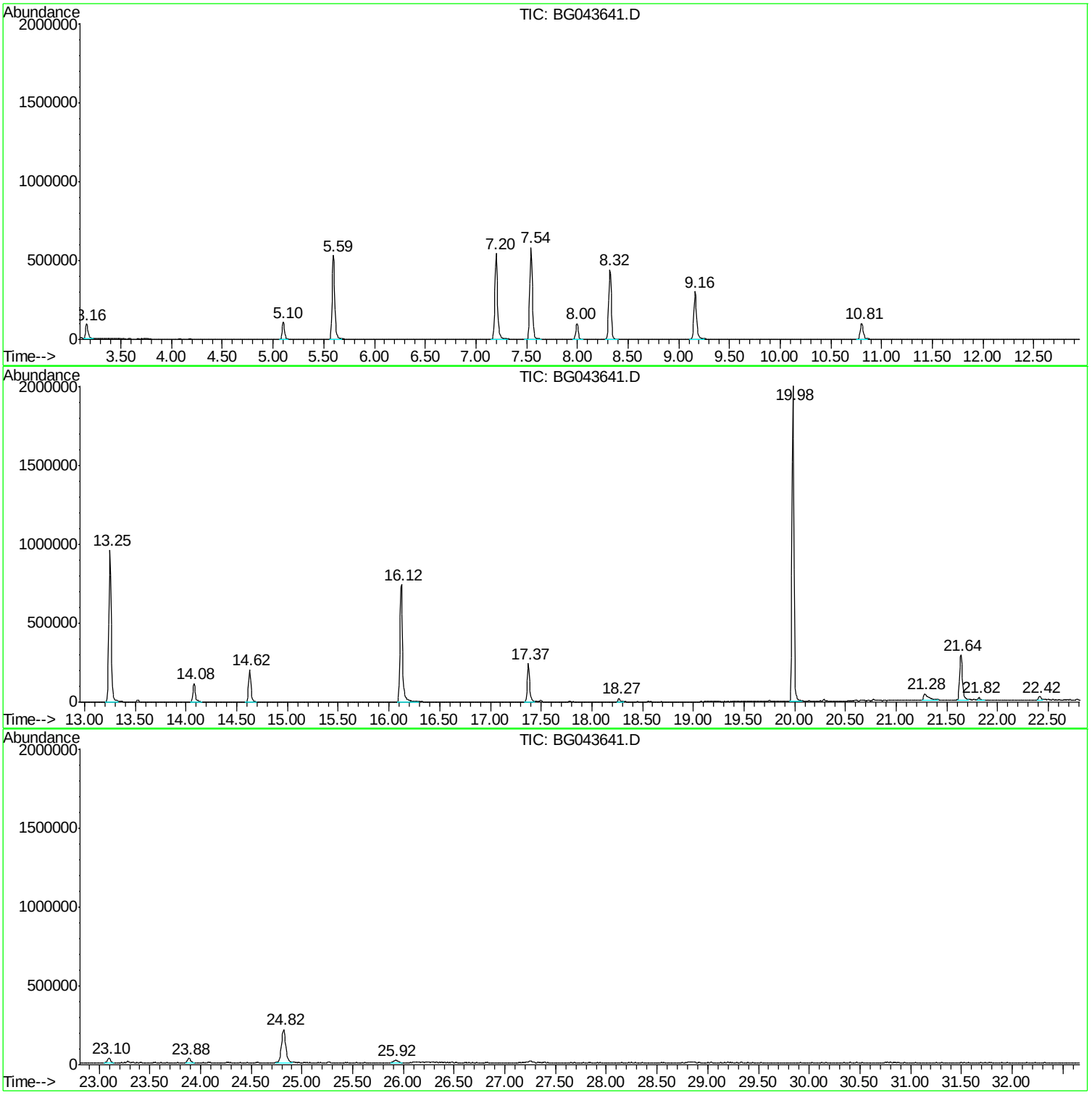
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043641.D
Acq On : 14 Nov 2019 19:48
Operator : JU
Sample : K5832-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
8-(4-6)

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\BG111419\
Data File : BG043641.D
Acq On : 14 Nov 2019 19:48
Operator : JU
Sample : K5832-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(4-6)

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

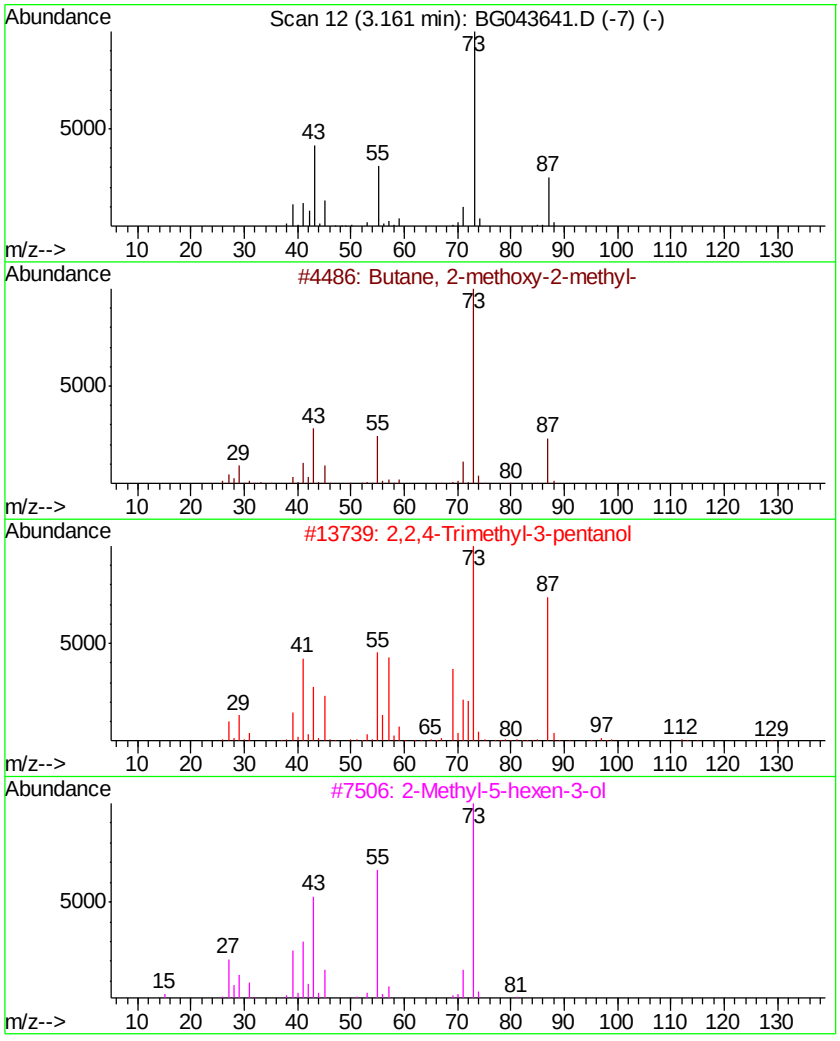
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

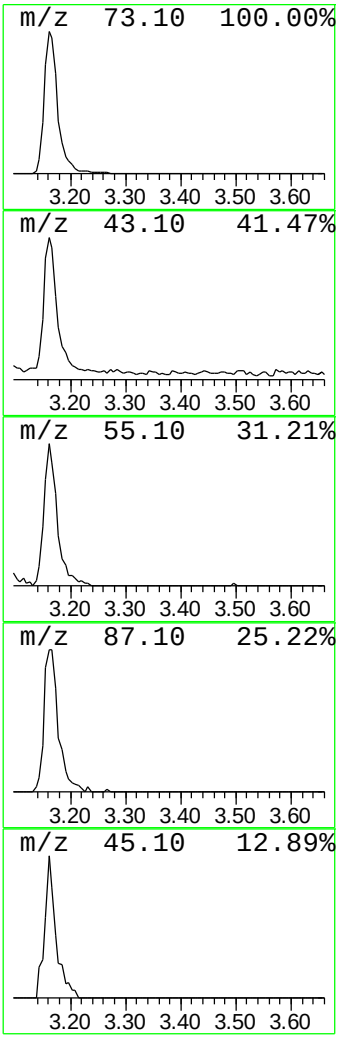
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	18.24 ng	155186	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043641.D
Acq On : 14 Nov 2019 19:48
Operator : JU
Sample : K5832-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(4-6)

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

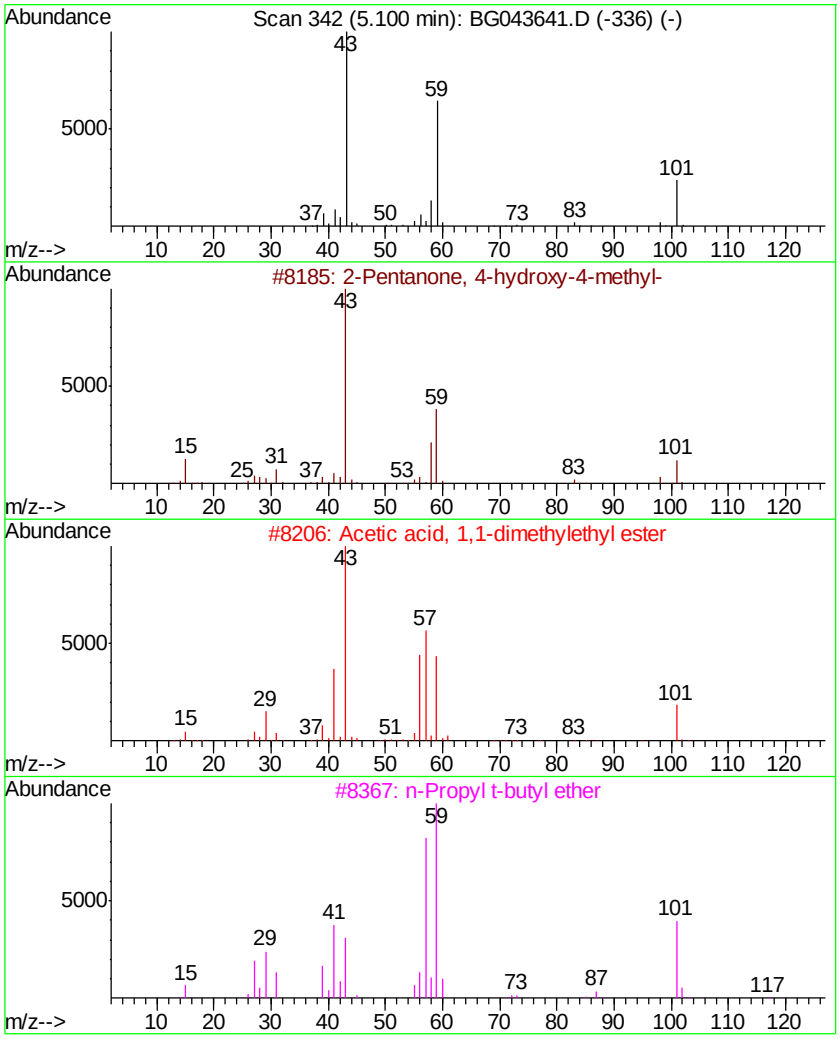
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

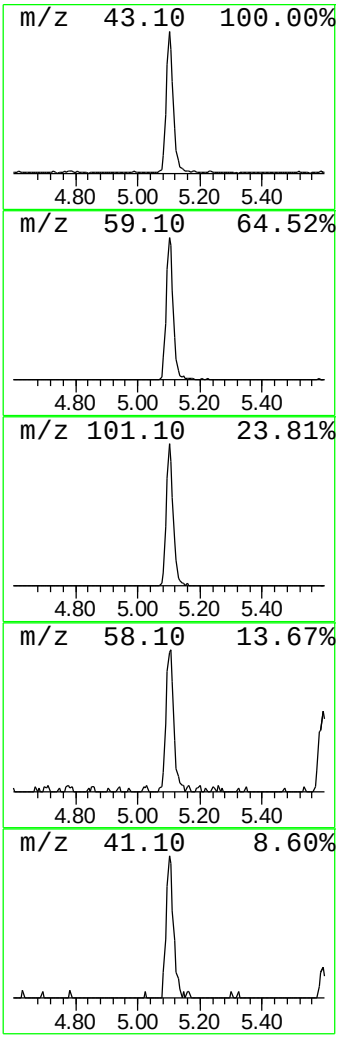
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	20.25 ng	172300	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043641.D
Acq On : 14 Nov 2019 19:48
Operator : JU
Sample : K5832-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(4-6)

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

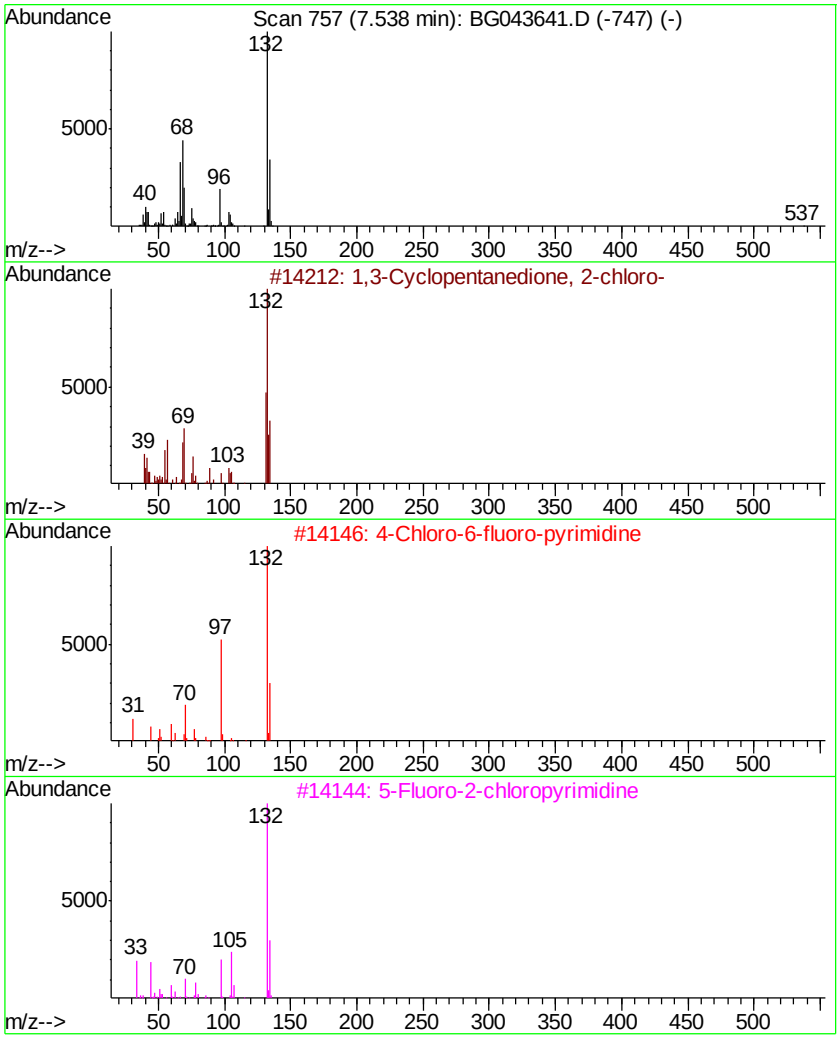
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

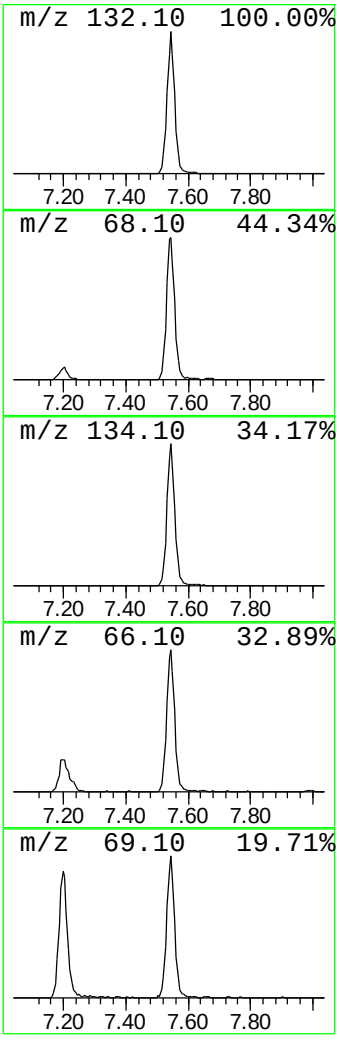
****

Peak Number 3 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	122.56 ng	1042940	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	35
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043641.D
Acq On : 14 Nov 2019 19:48
Operator : JU
Sample : K5832-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(4-6)

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

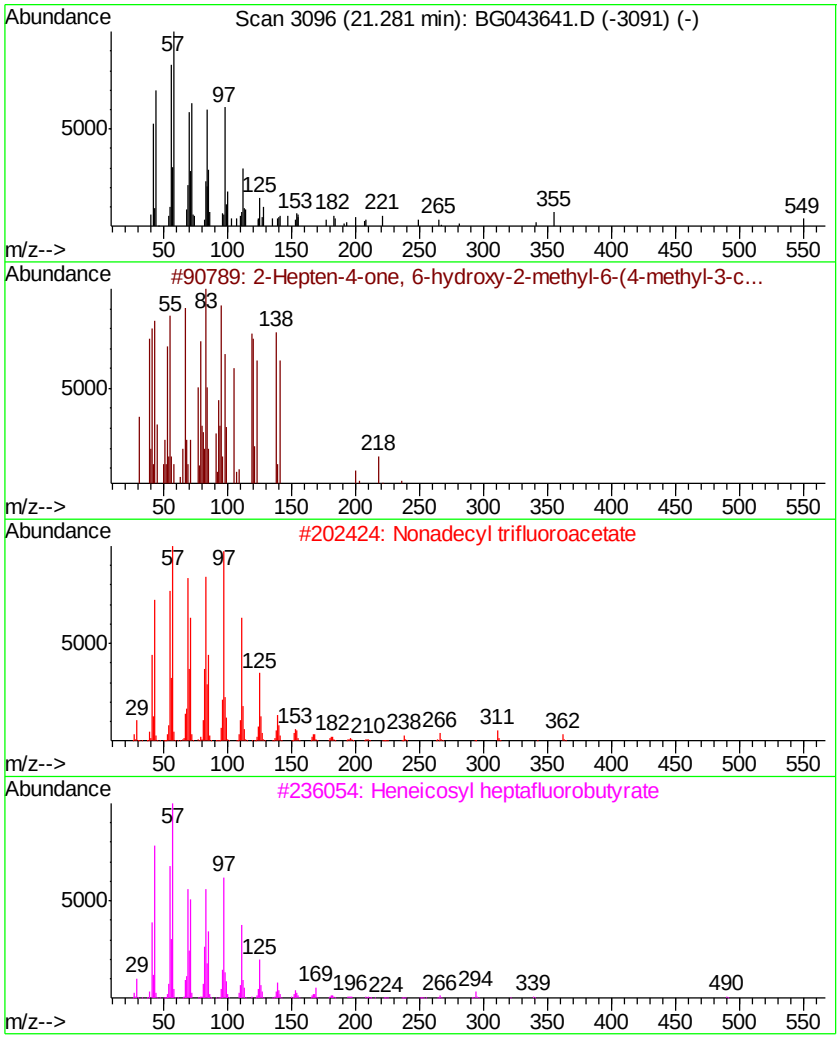
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

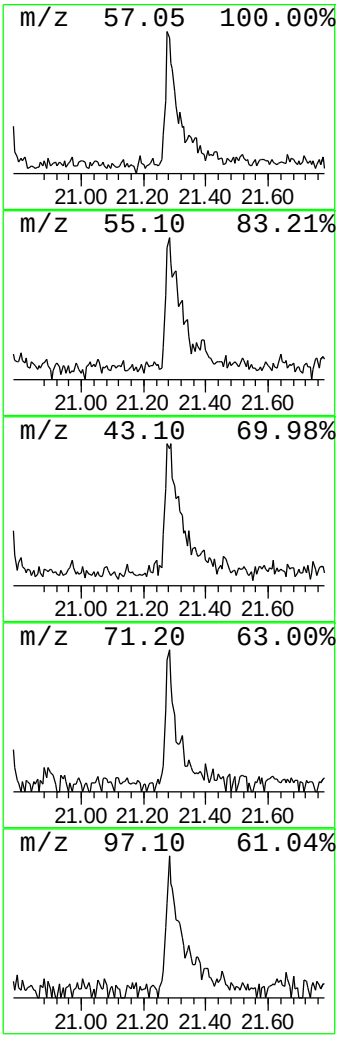
****

Peak Number 5 2-Hepten-4-one, 6-hydroxy-2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	5.68 ng	152118	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hepten-4-one, 6-hydroxy-2-meth...	236	C15H24O2	038043-98-0	91
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043641.D
Acq On : 14 Nov 2019 19:48
Operator : JU
Sample : K5832-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(4-6)

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

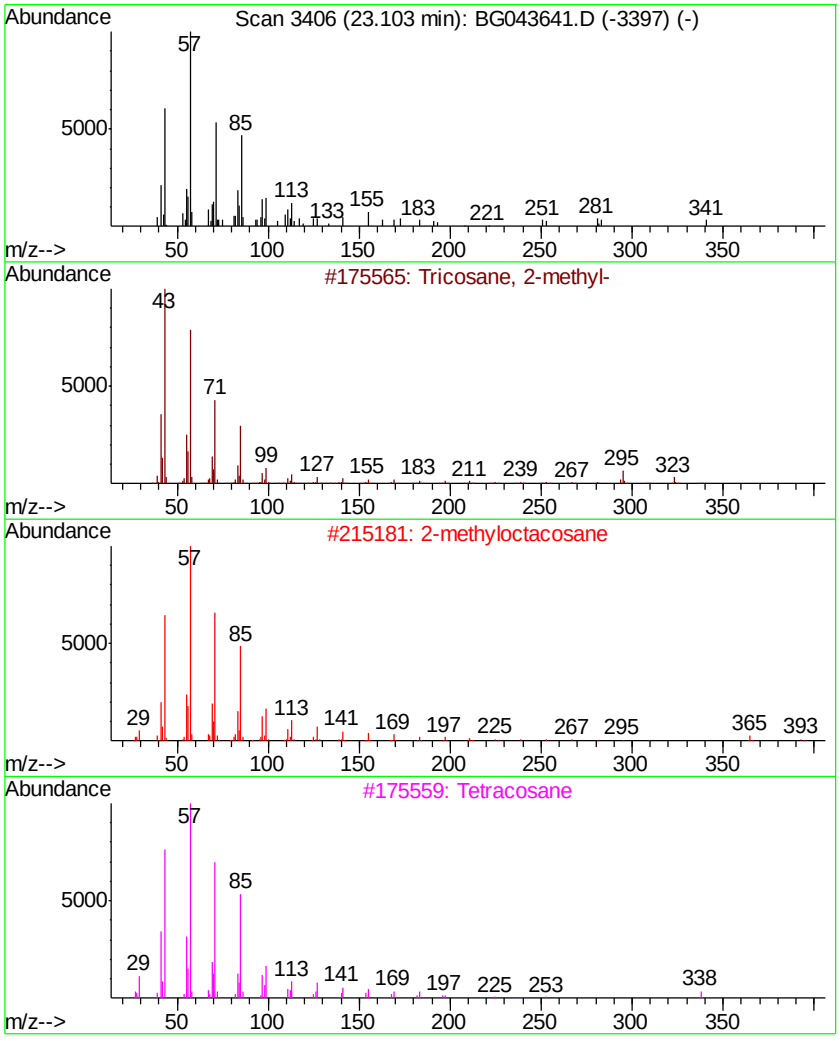
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

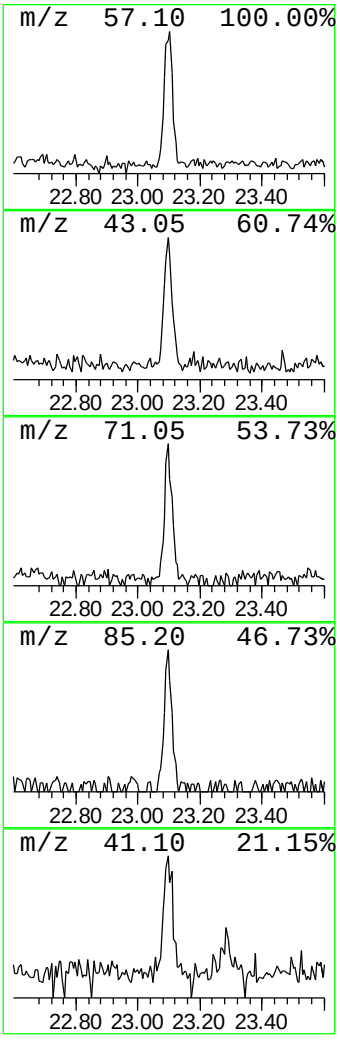
****

Peak Number 6 Tricosane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	2.22 ng	59318	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	86
3	Tetracosane	338	C24H50	000646-31-1	83
4	2-methylhexacosane	380	C27H56	1000376-72-7	83
5	Eicosane	282	C20H42	000112-95-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111419\
Data File : BG043641.D
Acq On : 14 Nov 2019 19:48
Operator : JU
Sample : K5832-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(4-6)

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...	3.16	18.2	ng	155186	1	8.00	170197	20.0
2-Pentanone, 4-hy...	5.10	20.3	ng	172300	1	8.00	170197	20.0
unknown7.54	7.54	122.6	ng	1042940	1	8.00	170197	20.0
2-Hepten-4-one, 6...	21.28	5.7	ng	152118	5	21.64	535271	20.0
Tricosane, 2-methyl-	23.10	2.2	ng	59318	5	21.64	535271	20.0