LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

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-BG123019.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	3.131	3	7	19	rVB	540452	892992	14.03%	2.223%
2	5.058	329	335	346	rVB	415548	653487	10.26%	1.627%
3	5.528	408	415	430	rBV	1818065	2948070	46.31%	7.339%
4	7.121	678	686	704	rBV	1919981	3448879	54.17%	8.585%
5	7.485	740	748	758	rBV	1909648	3355051	52.70%	8.352%
6	7.949	820	827	836	rBV	385567	654550	10.28%	1.629%
7	8.272	874	882	891	rBV	1421864	2551312	40.07%	6.351%
8	9.107	1010	1024	1033	rBV	1092047	2034272	31.95%	5.064%
9	10.752	1295	1304	1316	rBV	521446	947105	14.88%	2.358%
10	13.208	1715	1722	1734	rBV	2948562	4587663	72.06%	11.420%
11	14.030	1855	1862	1869	rBV	195662	310923	4.88%	0.774%
12	14.583	1949	1956	1964	rBV	874317	1342346	21.08%	3.342%
13	16.069	2201	2209	2225	rBV	2340203	3648122	57.30%	9.081%
14	17.326	2416	2423	2429	rBV	1025046	1577411	24.78%	3.927%
15	17.444	2435	2443	2450	rVB5	31699	65417	1.03%	0.163%
16	19.377	2766	2772	2778	rBV	97041	143881	2.26%	0.358%
17	19.735	2824	2833	2839	rBV	87127	148120	2.33%	0.369%
18	19.941	2861	2868	2877	rBV	4698977	6366554	100.00%	15.848%
19	21.239	3084	3089	3105	rBV	302274	521461	8.19%	1.298%
20	21.574	3138	3146	3152	rBV	961510	1732990	27.22%	4.314%
21	22.385	3279	3284	3294	rVB3	50233	110540	1.74%	0.275%
22	23.055	3394	3398	3404	rVB2	51185	88267	1.39%	0.220%
23	23.243	3425	3430	3438	rVB	53714	108998	1.71%	0.271%
24	23.701	3503	3508	3516	rBV2	29756	86923	1.37%	0.216%
25	23.842	3526	3532	3537	rBV3	50656	98832	1.55%	0.246%
26	24.688	3666	3676	3684	rBV2	584130	1647505	25.88%	4.101%
27	25.858	3868	3875	3885	rVB5	34727	99914	1.57%	0.249%

Sum of corrected areas: 40171585

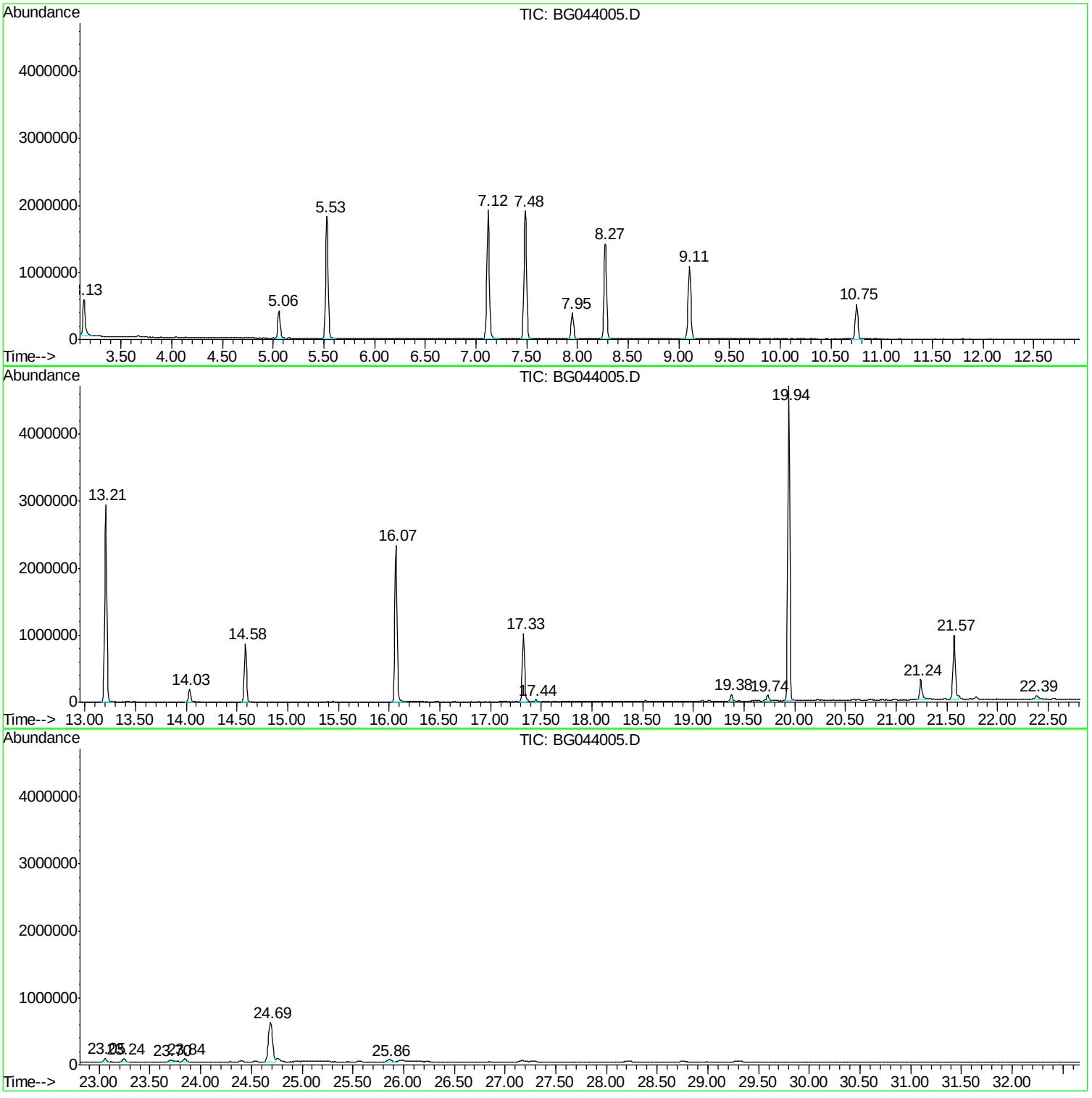
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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\BG011020\
Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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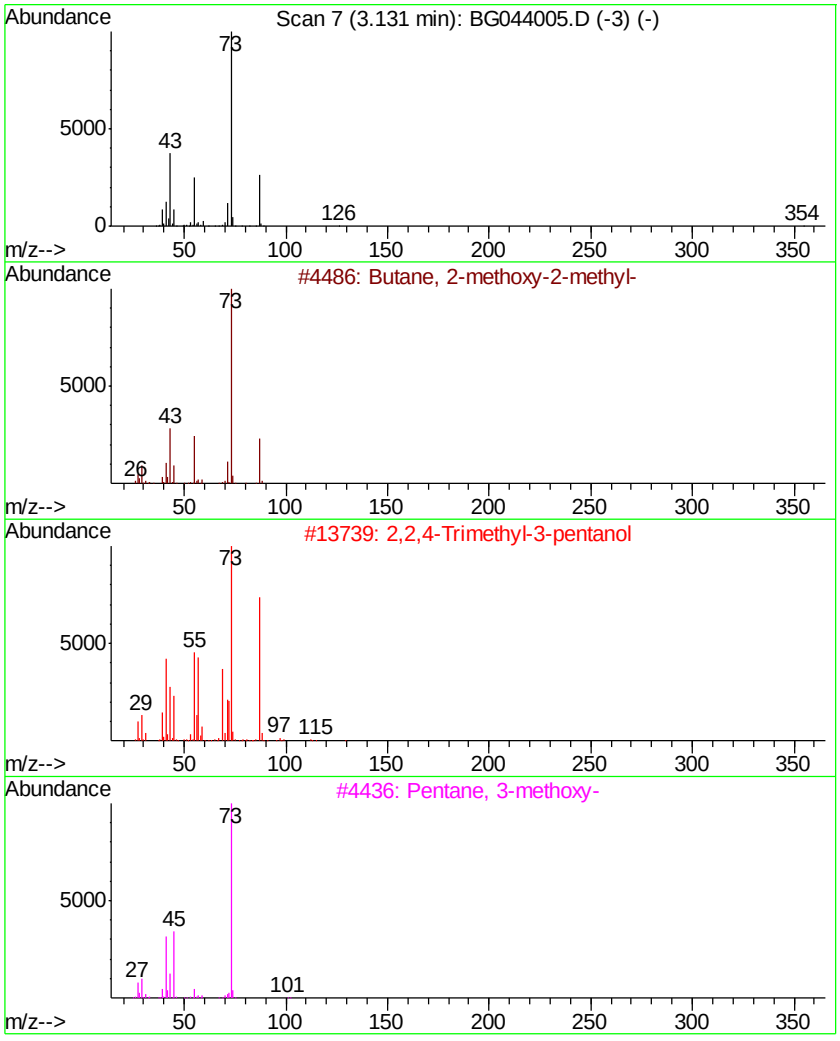
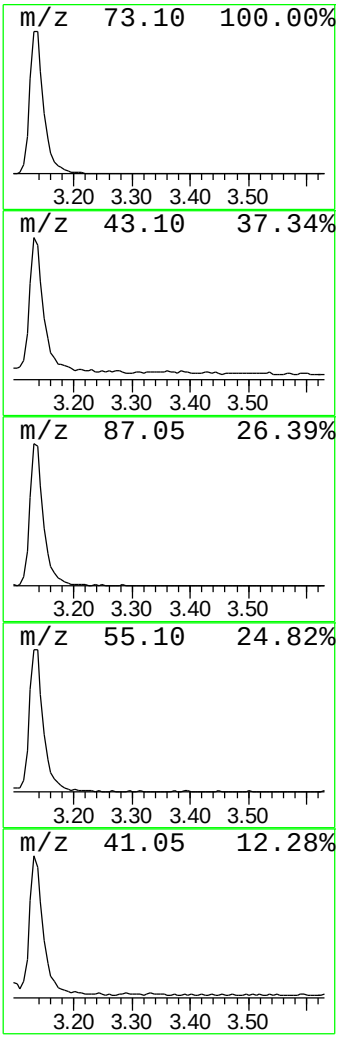
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	27.29 ng	892992	1,4-Dichlorobenzene-d4	7.95

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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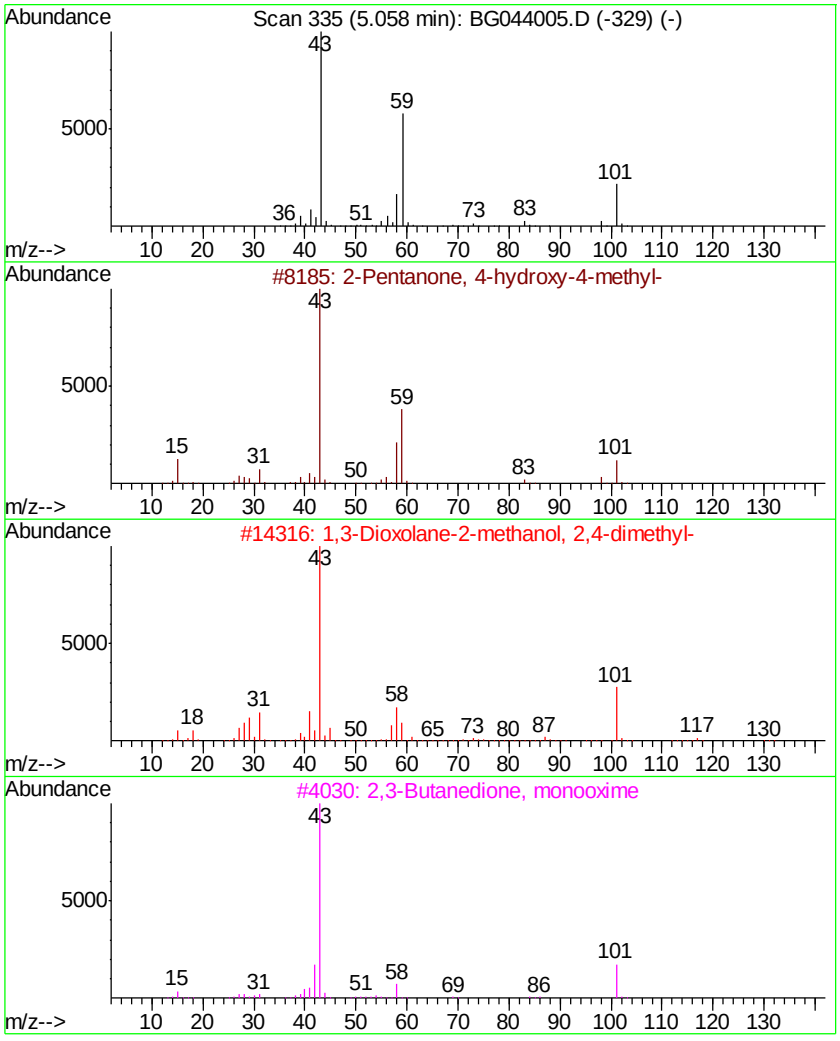
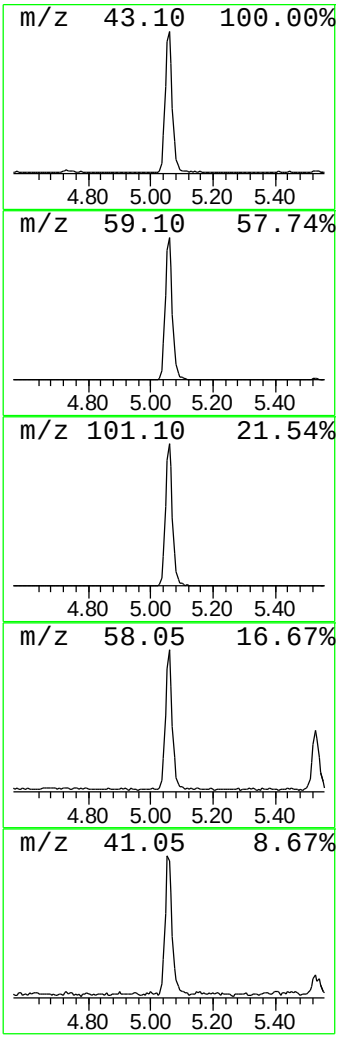
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	19.97 ng	653487	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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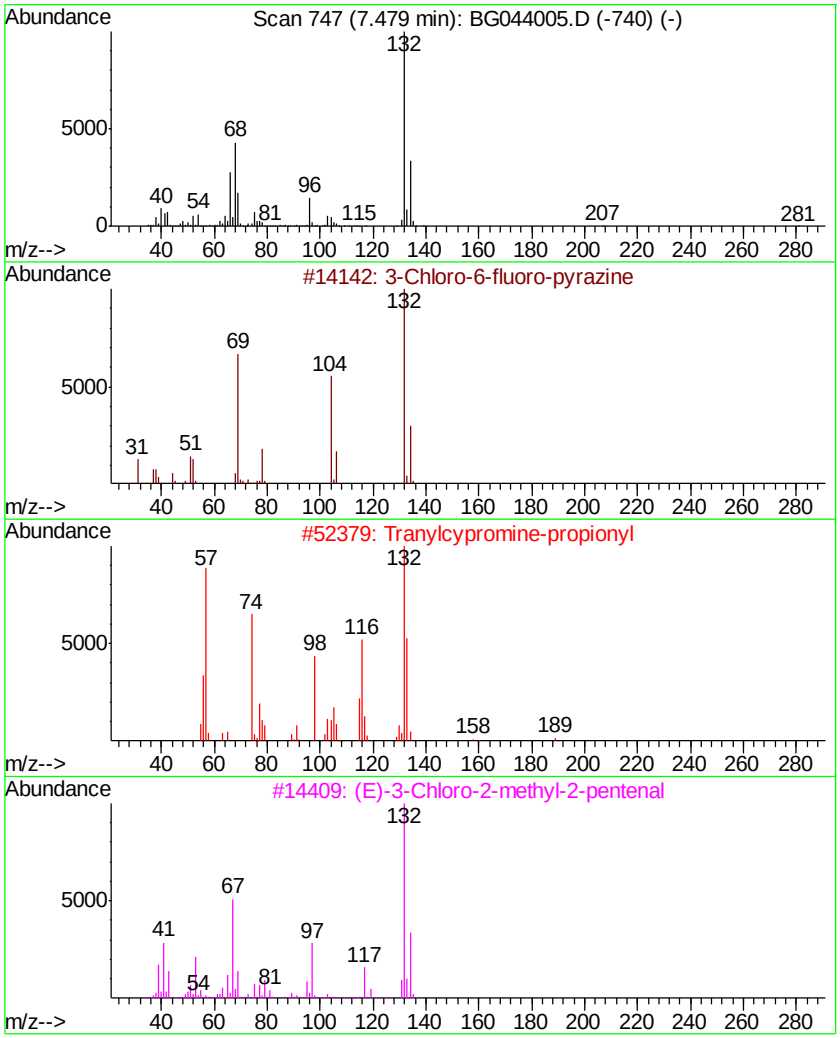
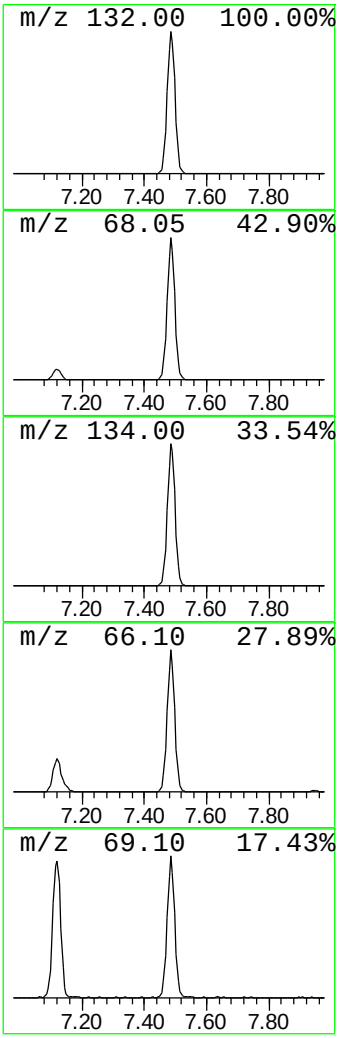
Peak Number 3 unknown7.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	102.52 ng	3355050	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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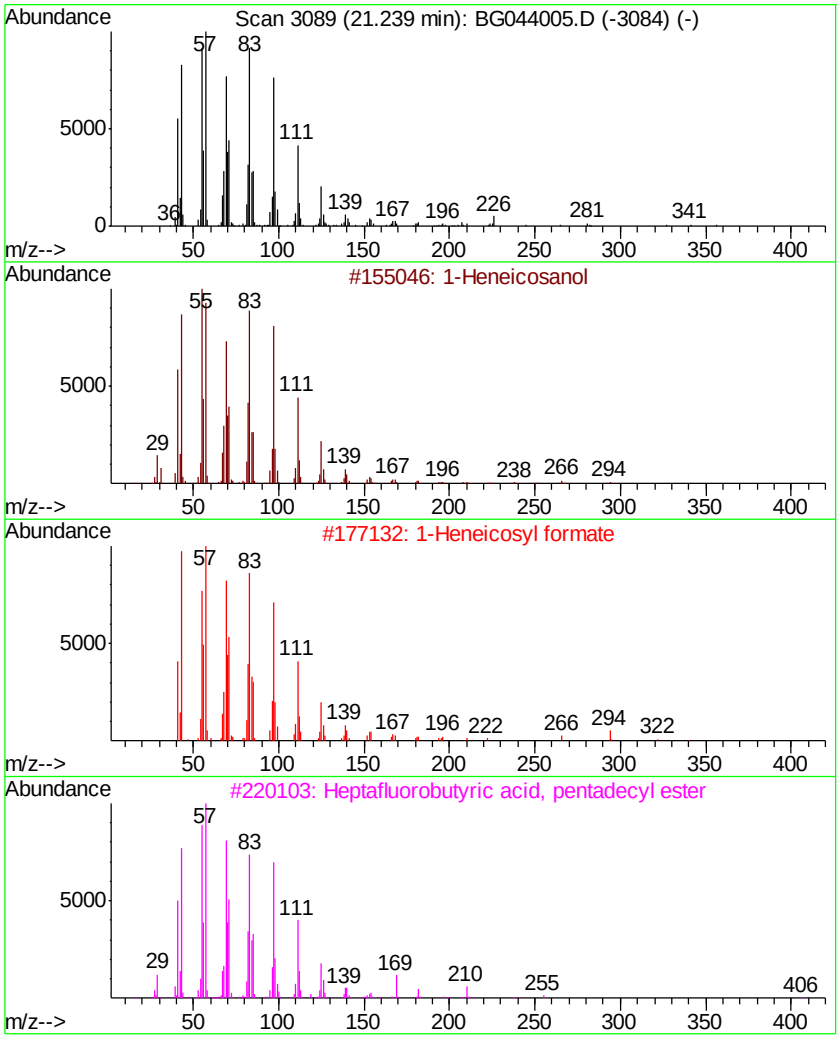
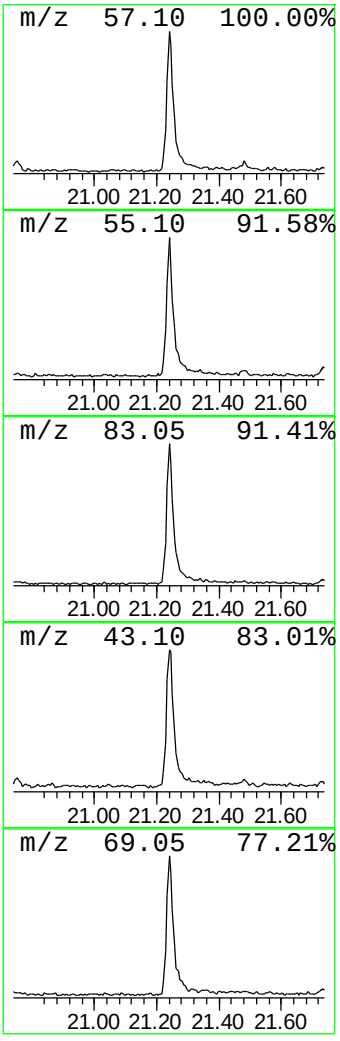
Peak Number 5 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	6.02 ng	521461	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011020\
Data File : BG044005.D
Acq On : 10 Jan 2020 16:53
Operator : JU
Sample : L1070-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200059

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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...	3.13	27.3	ng	892992	1	7.95	654550	20.0
2-Pentanone, 4-hy...	5.06	20.0	ng	653487	1	7.95	654550	20.0
unknown7.48	7.48	102.5	ng	3355050	1	7.95	654550	20.0
1-Heneicosanol	21.24	6.0	ng	521461	5	21.57	1732990	20.0