LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038533.D
Acq On : 13 Dec 2018 15:25
Operator : JU/SJ
Sample : J6275-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BF-05-120418

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-BG121218.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	3.179	11	15	25	rVB	161074	237017	11.64%	2.337%
2	5.141	343	349	356	rVB2	25671	42588	2.09%	0.420%
3	5.605	421	428	437	rBV	442420	729951	35.84%	7.198%
4	7.209	694	701	713	rBV	467172	876800	43.04%	8.646%
5	7.585	757	765	780	rVB	433284	767942	37.70%	7.573%
6	8.055	837	845	859	rBV	73175	131098	6.44%	1.293%
7	8.378	892	900	909	rVB	314040	570347	28.00%	5.624%
8	9.236	1037	1046	1055	rBV	274507	522306	25.64%	5.151%
9	10.875	1318	1325	1333	rBV	95450	175383	8.61%	1.729%
10	13.314	1732	1740	1751	rBV	722202	1147868	56.35%	11.319%
11	14.142	1874	1881	1893	rBV	83354	132975	6.53%	1.311%
12	14.694	1969	1975	1983	rBV2	163891	268630	13.19%	2.649%
13	16.181	2222	2228	2244	rBV3	632561	1038266	50.97%	10.239%
14	17.444	2433	2443	2452	rBV	246711	374296	18.38%	3.691%
15	18.302	2582	2589	2602	rBV2	46161	77688	3.81%	0.766%
16	19.571	2801	2805	2811	rBV3	13986	23552	1.16%	0.232%
17	20.041	2879	2885	2894	rBV	1490271	2036973	100.00%	20.087%
18	21.316	3098	3102	3111	rBV2	62636	109090	5.36%	1.076%
19	21.716	3163	3170	3182	rVB2	260212	444158	21.80%	4.380%
20	25.012	3720	3731	3744	rVB3	147650	433805	21.30%	4.278%

Sum of corrected areas: 10140733

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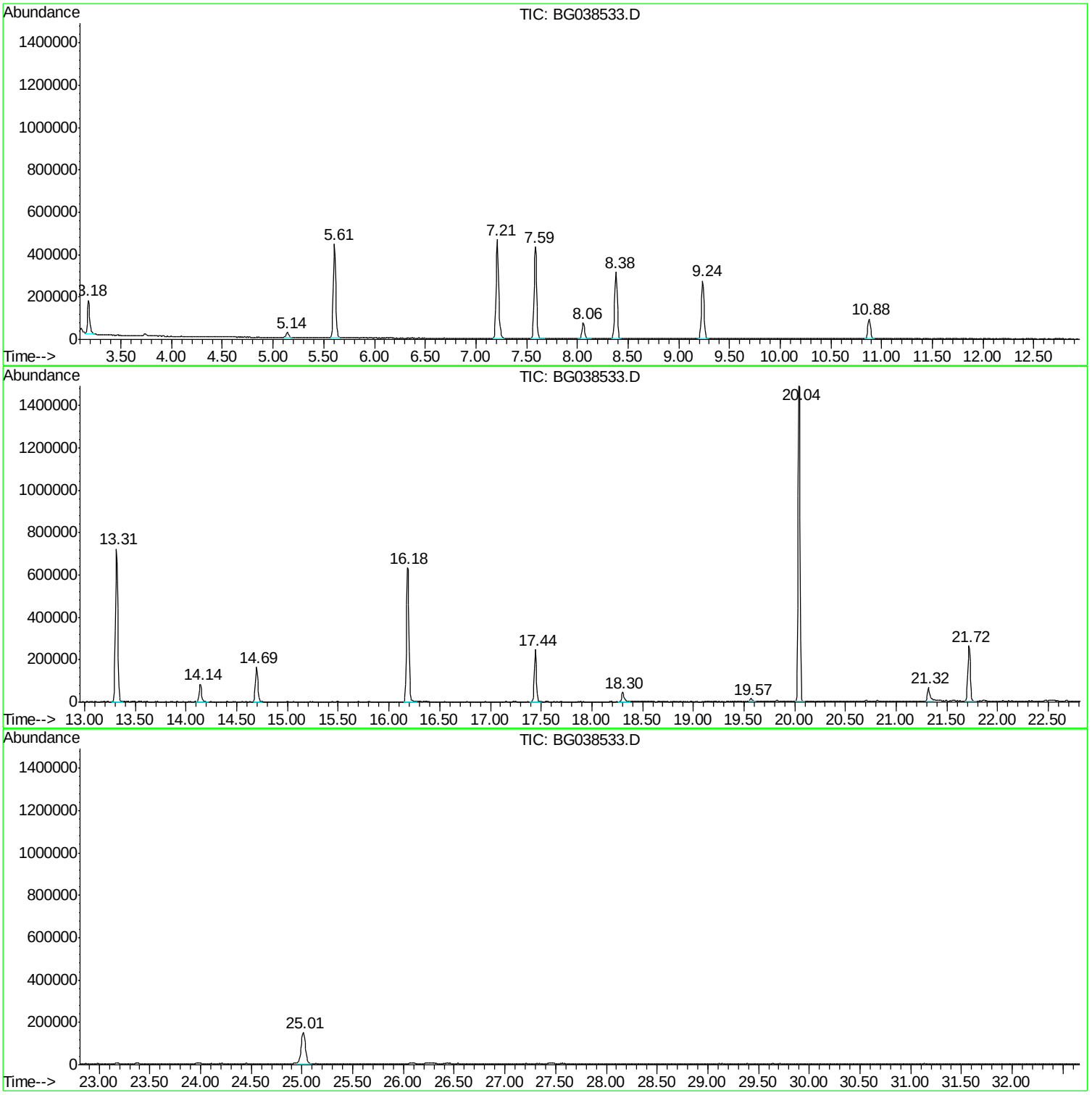
Instrument :
BNA_G
ClientSampleId :
BF-05-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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TIC Library : C:\Database\NIST11.L
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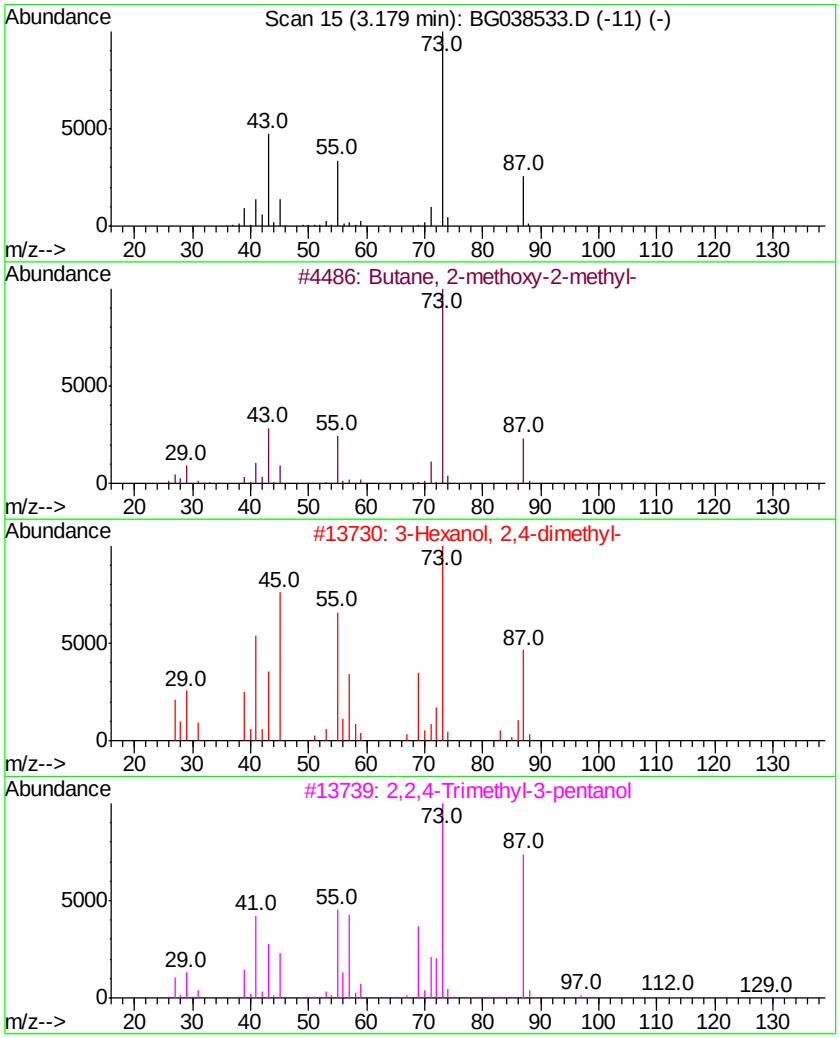
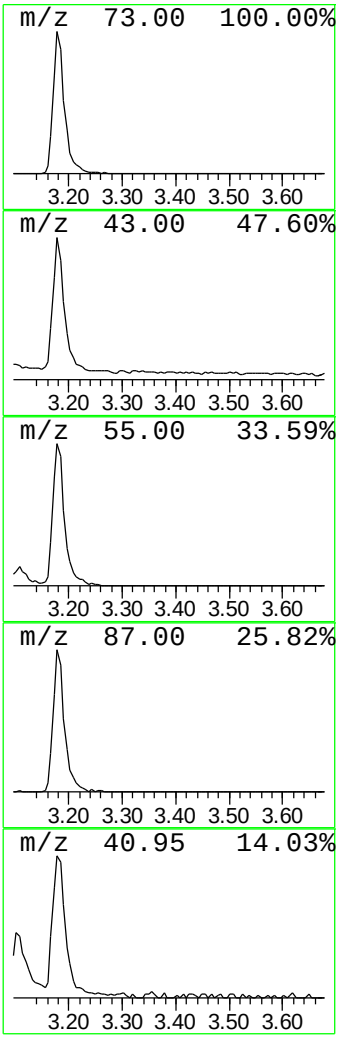
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	36.16 ng	237017	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





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Misc :
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Instrument : BNA_G
ClientSampleId : BF-05-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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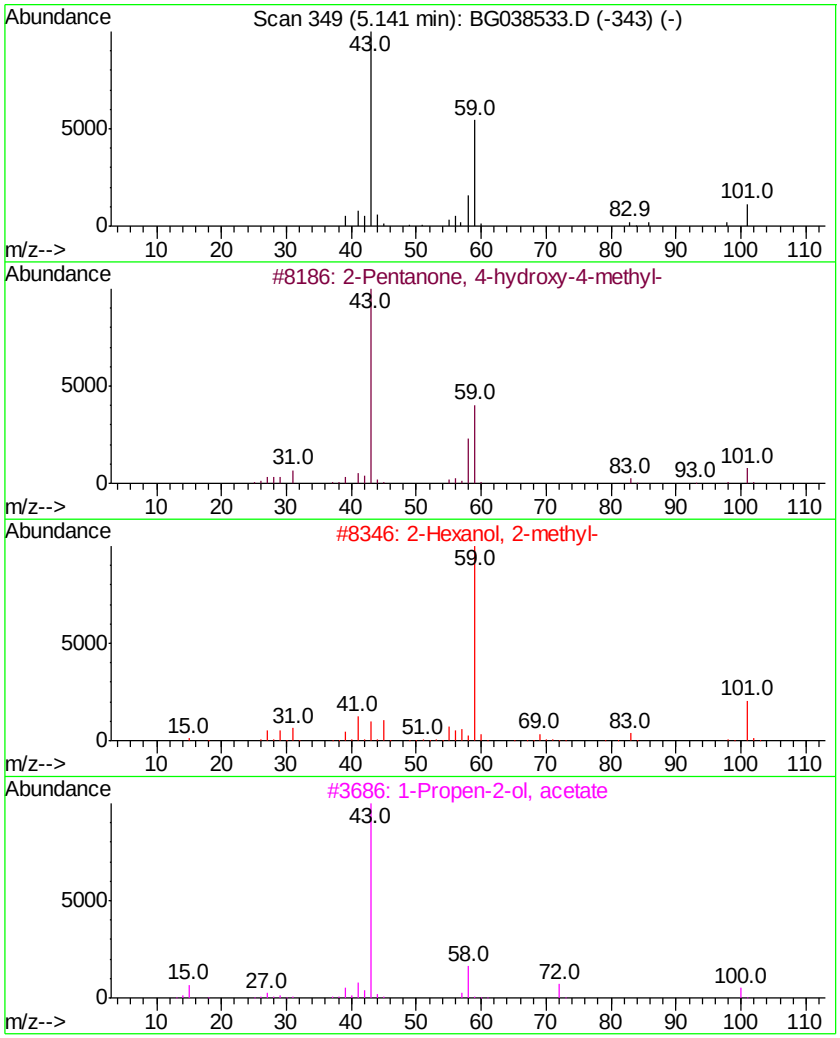
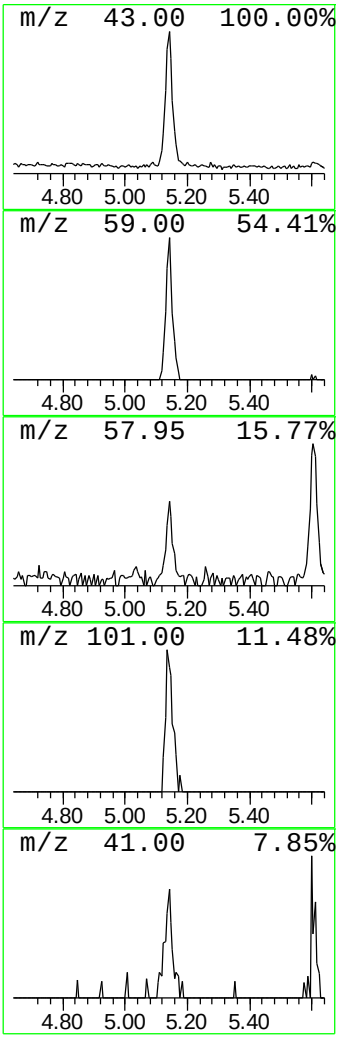
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	6.50 ng	42588	1,4-Dichlorobenzene-d4	8.06

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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BF-05-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
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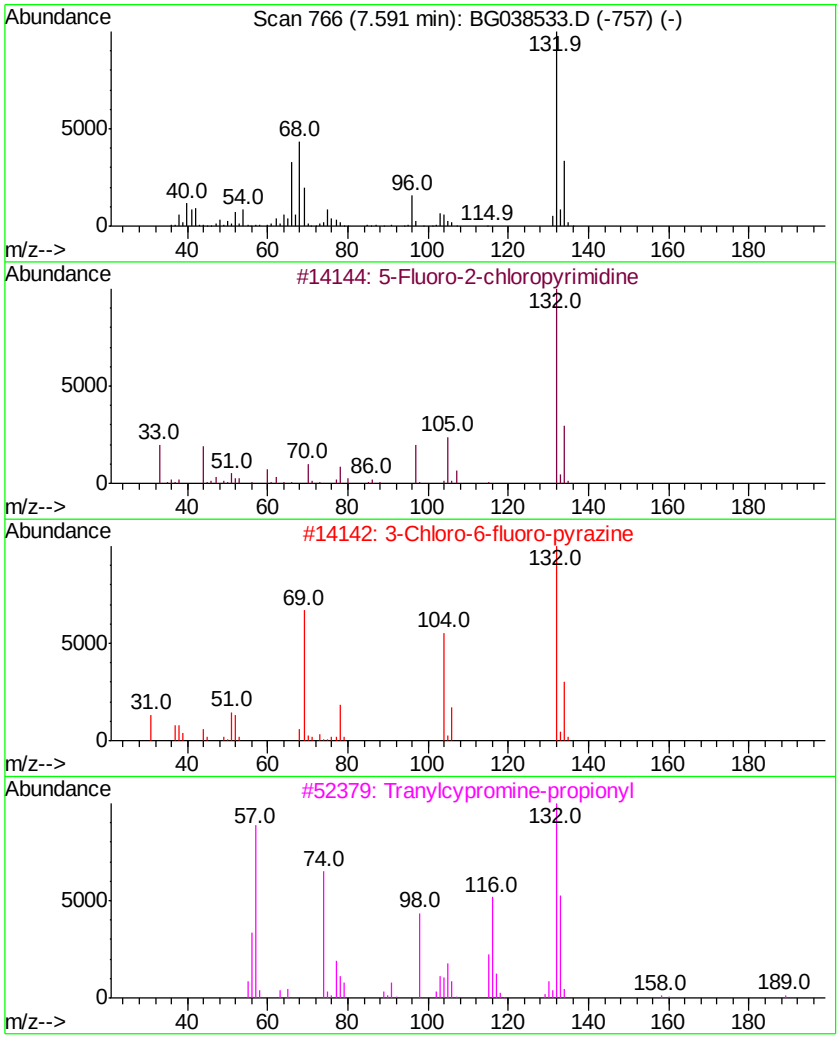
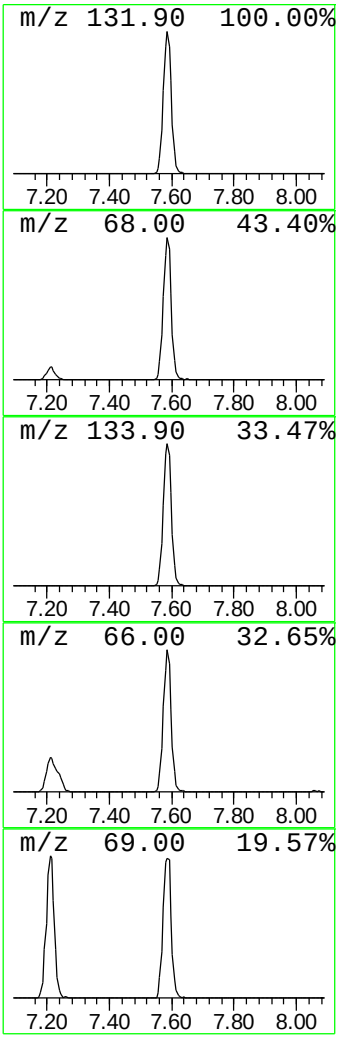
Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	117.16 ng	767942	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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Sample : J6275-05
Misc :
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Instrument : BNA_G
ClientSampleId : BF-05-120418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
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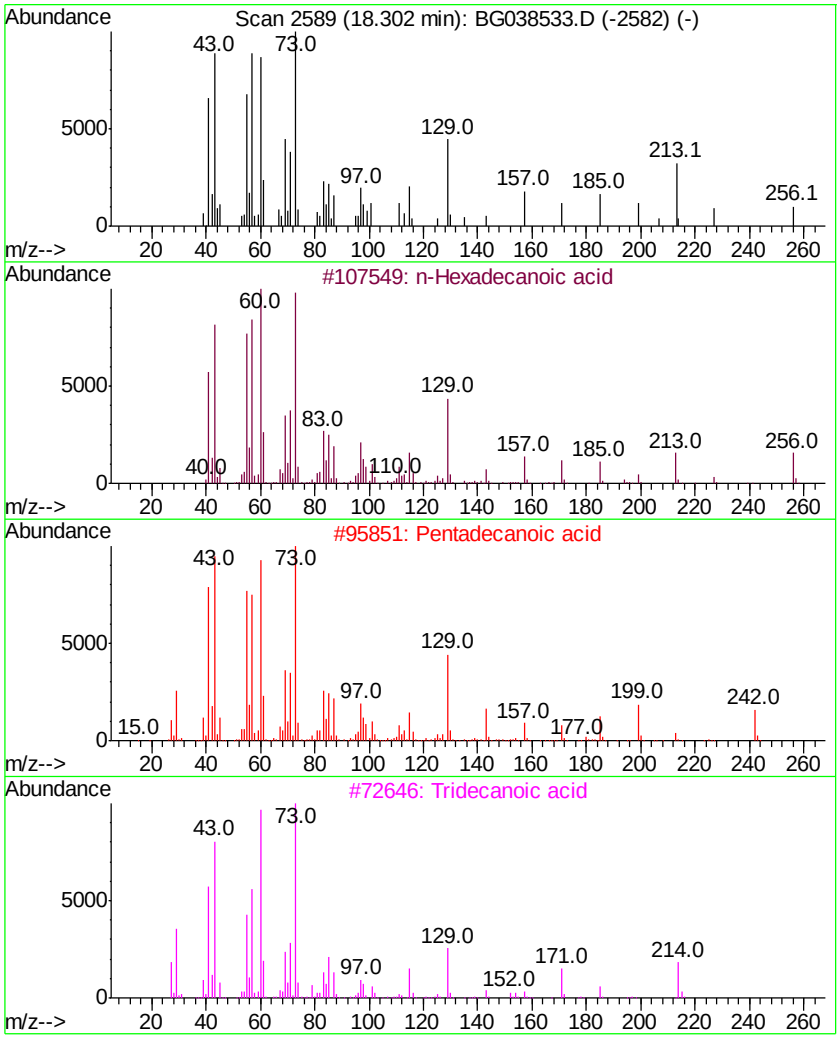
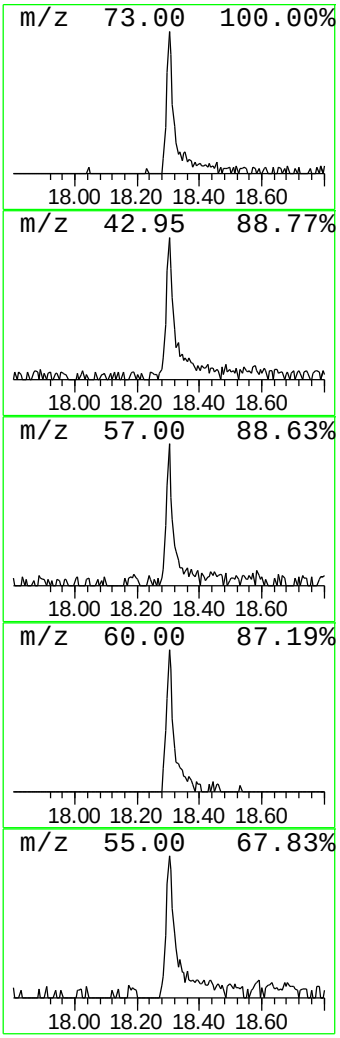
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.15 ng	77688	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	35





Library Search Compound Report

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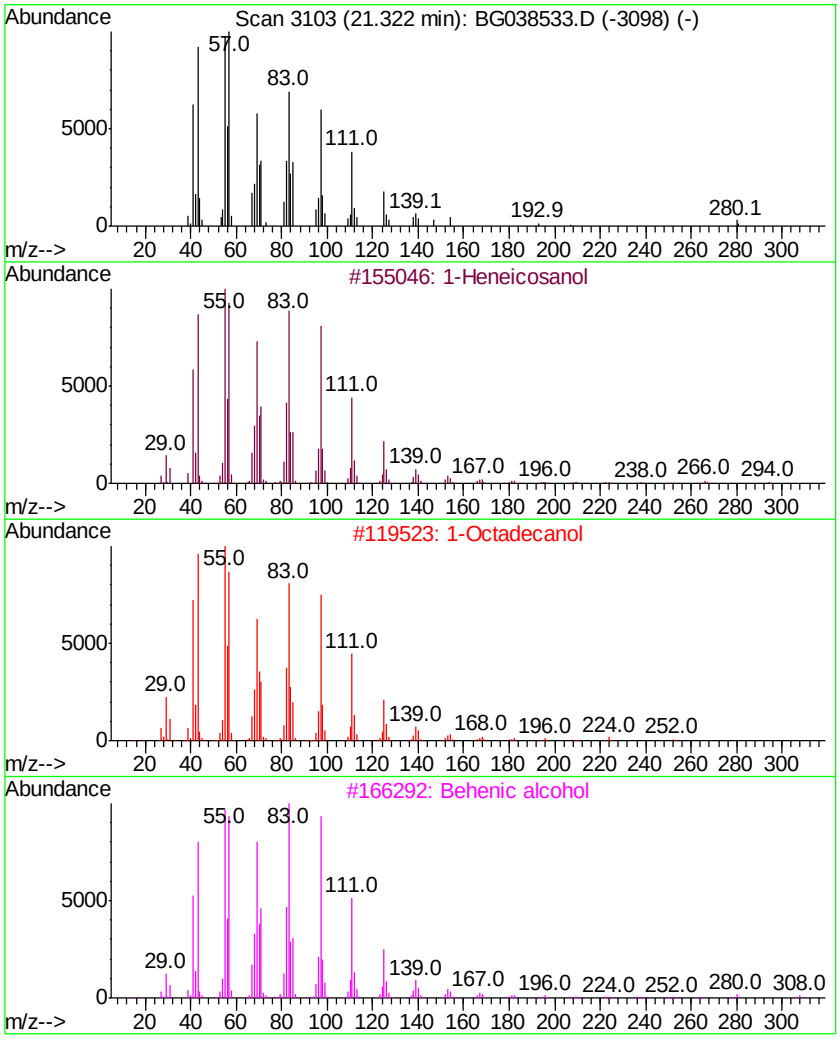
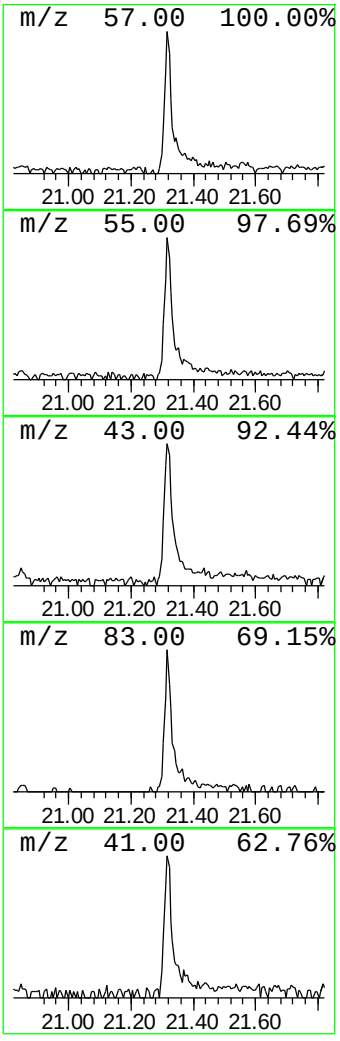
****

Peak Number 6 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.91 ng	109090	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	1-Docosene	308	C22H44	001599-67-3	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	36.2	ng	237017	1	8.06	131098	20.0
2-Pentanone, 4-hy...	5.14	6.5	ng	42588	1	8.06	131098	20.0
unknown7.59	7.59	117.2	ng	767942	1	8.06	131098	20.0
n-Hexadecanoic acid	18.30	4.2	ng	77688	4	17.44	374296	20.0
1-Heneicosanol	21.32	4.9	ng	109090	5	21.72	444158	20.0