LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038308.D
Acq On : 3 Dec 2018 20:20
Operator : JU/SJ
Sample : J6179-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S1-0-0.5-BGS

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-BG111318.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	5.157	314	318	326	rVB	12685	22962	1.70%	0.329%
2	5.621	389	397	412	rBV	233999	428060	31.71%	6.141%
3	7.225	662	670	683	rBV	243177	500868	37.10%	7.185%
4	7.601	727	734	747	rVB	244281	458851	33.99%	6.583%
5	8.077	806	815	827	rBV	96921	180793	13.39%	2.594%
6	8.400	863	870	879	rVB	197727	375258	27.80%	5.383%
7	9.252	1008	1015	1025	rBV	154899	300635	22.27%	4.313%
8	10.897	1287	1295	1310	rBV	109086	208316	15.43%	2.988%
9	13.329	1703	1709	1721	rBV	397096	651706	48.27%	9.349%
10	14.158	1841	1850	1861	rBV2	44436	73481	5.44%	1.054%
11	14.710	1938	1944	1952	rBV2	177298	305006	22.59%	4.376%
12	16.203	2190	2198	2209	rBV2	316196	508033	37.63%	7.288%
13	17.460	2405	2412	2425	rBV2	255032	406052	30.08%	5.825%
14	18.318	2552	2558	2565	rBV3	30311	48759	3.61%	0.699%
15	19.581	2769	2773	2777	rBV4	13335	19955	1.48%	0.286%
16	20.063	2849	2855	2863	rBV	971289	1350059	100.00%	19.368%
17	21.338	3068	3072	3085	rBV5	18842	48649	3.60%	0.698%
18	21.743	3134	3141	3147	rBV2	317167	535938	39.70%	7.689%
19	24.023	3525	3529	3542	rVB10	10683	28997	2.15%	0.416%
20	25.063	3694	3706	3718	rVB2	167244	518261	38.39%	7.435%

Sum of corrected areas: 6970639

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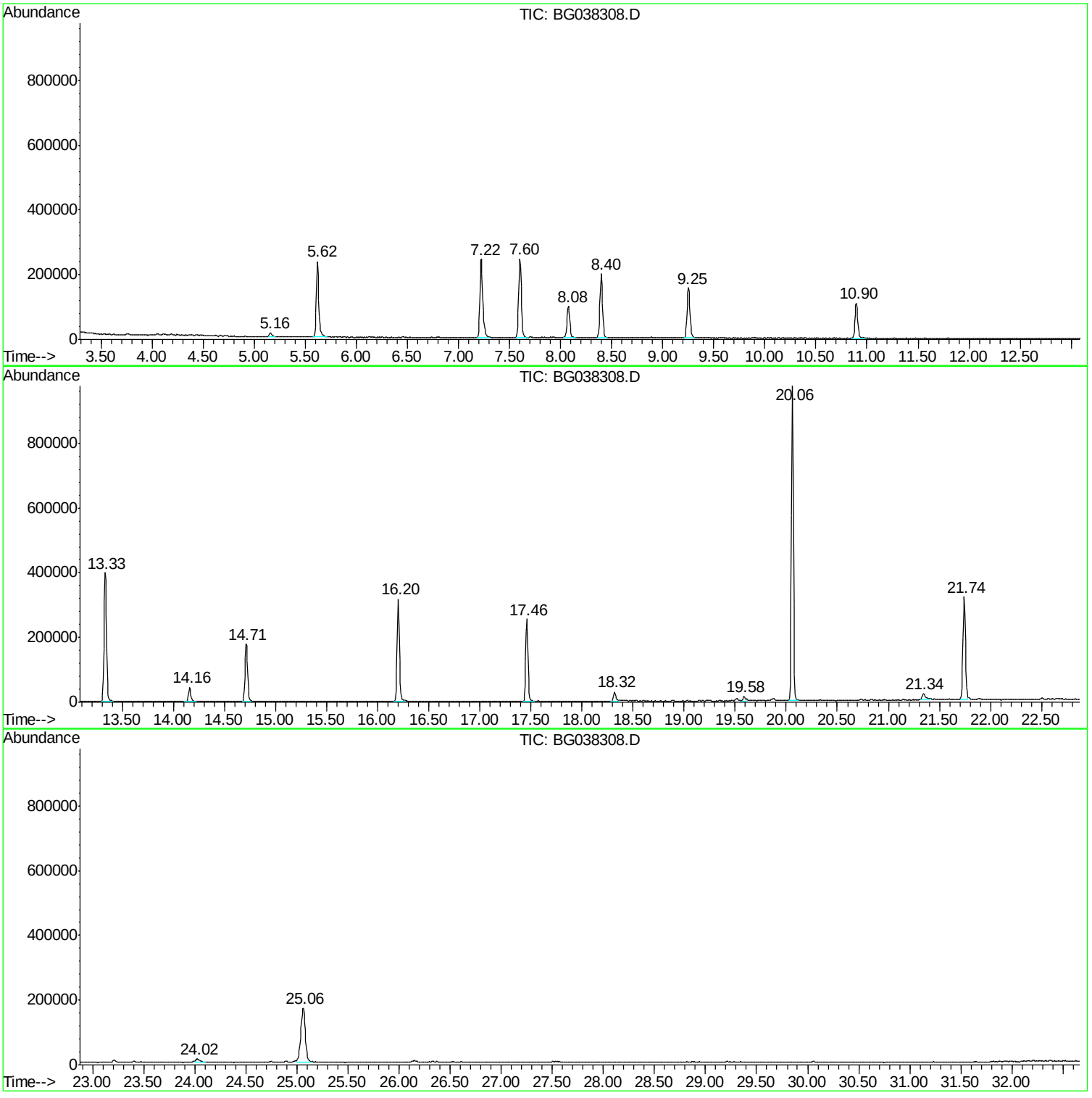
S1-0-0.5-BGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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

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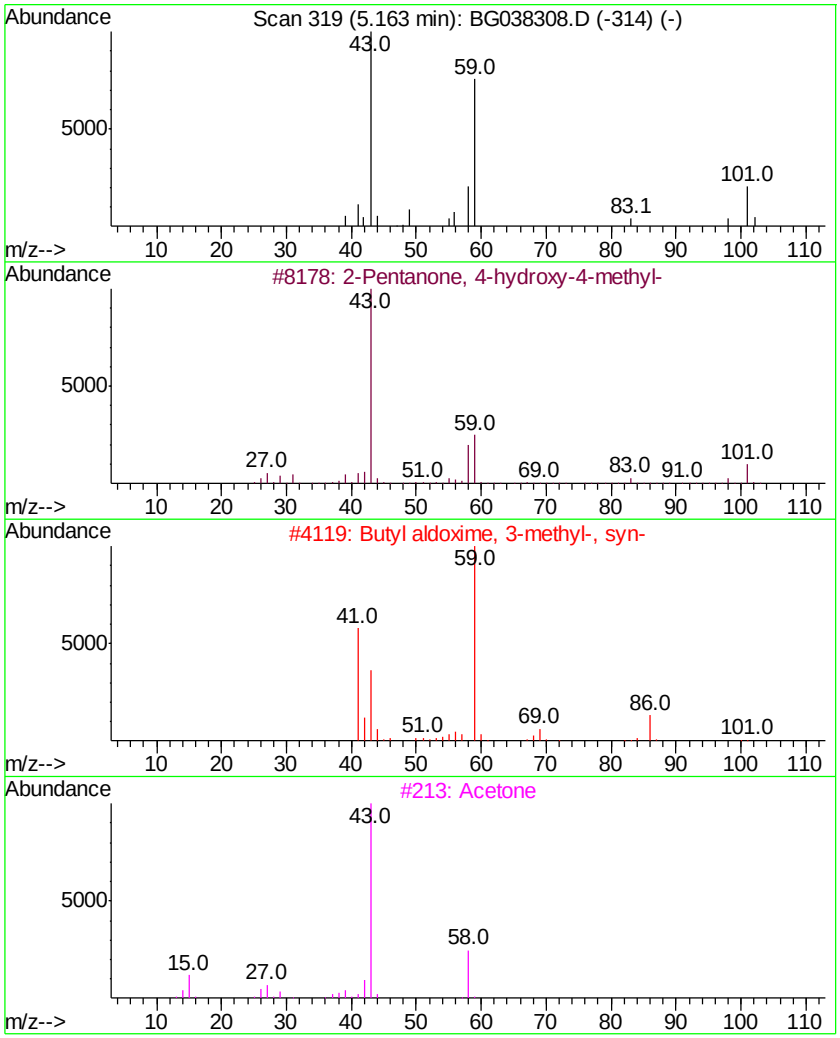
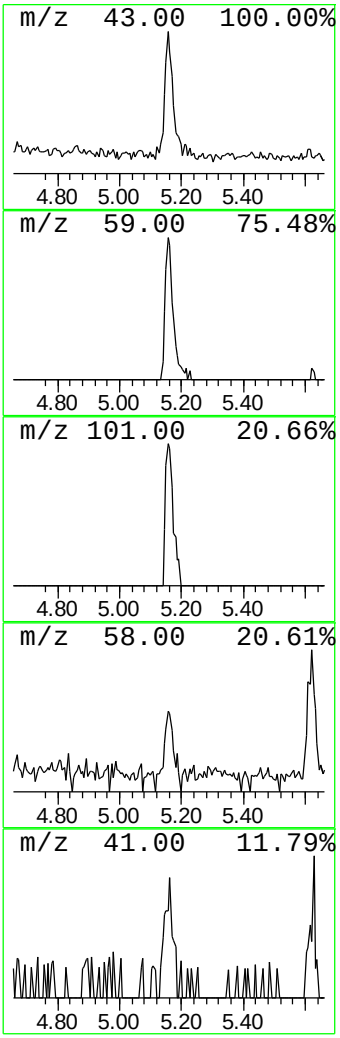
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.54 ng	22962	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	Acetone	58	C3H6O	000067-64-1	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9





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ClientSampleId : S1-0-0.5-BGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
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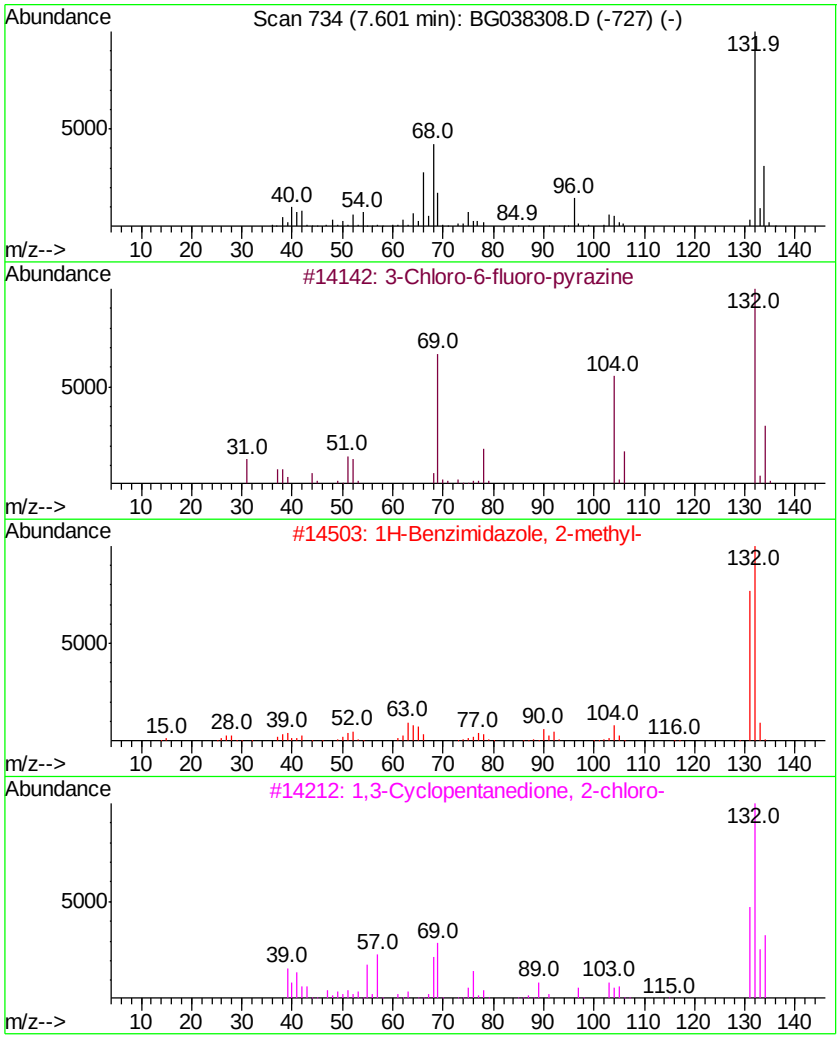
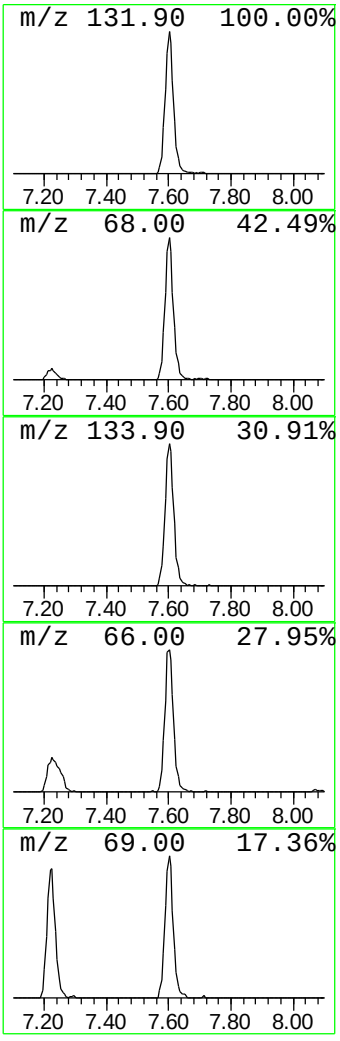
Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	50.76 ng	458851	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
5	5-Aminoindole	132	C8H8N2	005192-03-0	16





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S1-0-0.5-BGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
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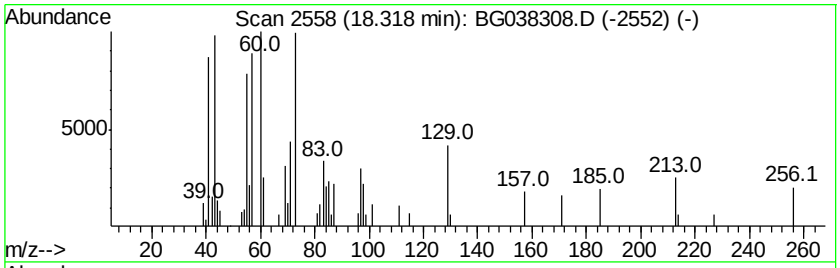
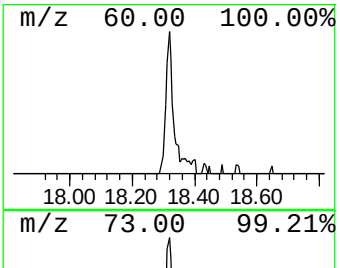
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.40 ng	48759	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	49
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : S1-0-0.5-BGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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
2-Pentanone, 4-hy...	5.16	2.5	ng	22962	1	8.08	180793	20.0
unknown7.60	7.60	50.8	ng	458851	1	8.08	180793	20.0
n-Hexadecanoic acid	18.32	2.4	ng	48759	4	17.46	406052	20.0