LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038313.D
Acq On : 3 Dec 2018 23:38
Operator : JU/SJ
Sample : J6179-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S4-0-0.5-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	5.156	313	318	323	rBV3	10245	16592	1.04%	0.238%
2	5.620	390	397	411	rBV	194067	379333	23.73%	5.439%
3	7.218	663	669	683	rBV	273720	568007	35.53%	8.144%
4	7.600	727	734	745	rBV	259896	496357	31.05%	7.117%
5	8.076	808	815	824	rBV2	59358	115482	7.22%	1.656%
6	8.399	862	870	879	rBV	170144	316106	19.78%	4.533%
7	9.251	1008	1015	1027	rBV	137118	269220	16.84%	3.860%
8	10.896	1288	1295	1306	rBV	75128	141553	8.86%	2.030%
9	13.329	1703	1709	1719	rBV	431610	690736	43.21%	9.904%
10	14.157	1844	1850	1856	rBV	44735	69558	4.35%	0.997%
11	14.715	1938	1945	1952	rBV2	126921	218978	13.70%	3.140%
12	16.202	2191	2198	2208	rBV2	378383	600790	37.58%	8.615%
13	17.459	2406	2412	2425	rBV2	233393	368032	23.02%	5.277%
14	18.317	2553	2558	2566	rBV2	38780	60178	3.76%	0.863%
15	19.586	2770	2774	2781	rBV5	18386	30236	1.89%	0.434%
16	20.062	2849	2855	2863	rBV	1198364	1598505	100.00%	22.921%
17	21.343	3067	3073	3081	rBV2	30681	65567	4.10%	0.940%
18	21.742	3134	3141	3149	rBV	290871	488240	30.54%	7.001%
19	25.062	3696	3706	3717	rVB2	158277	462142	28.91%	6.627%
20	26.155	3884	3892	3898	rBV8	7358	18513	1.16%	0.265%

Sum of corrected areas: 6974125

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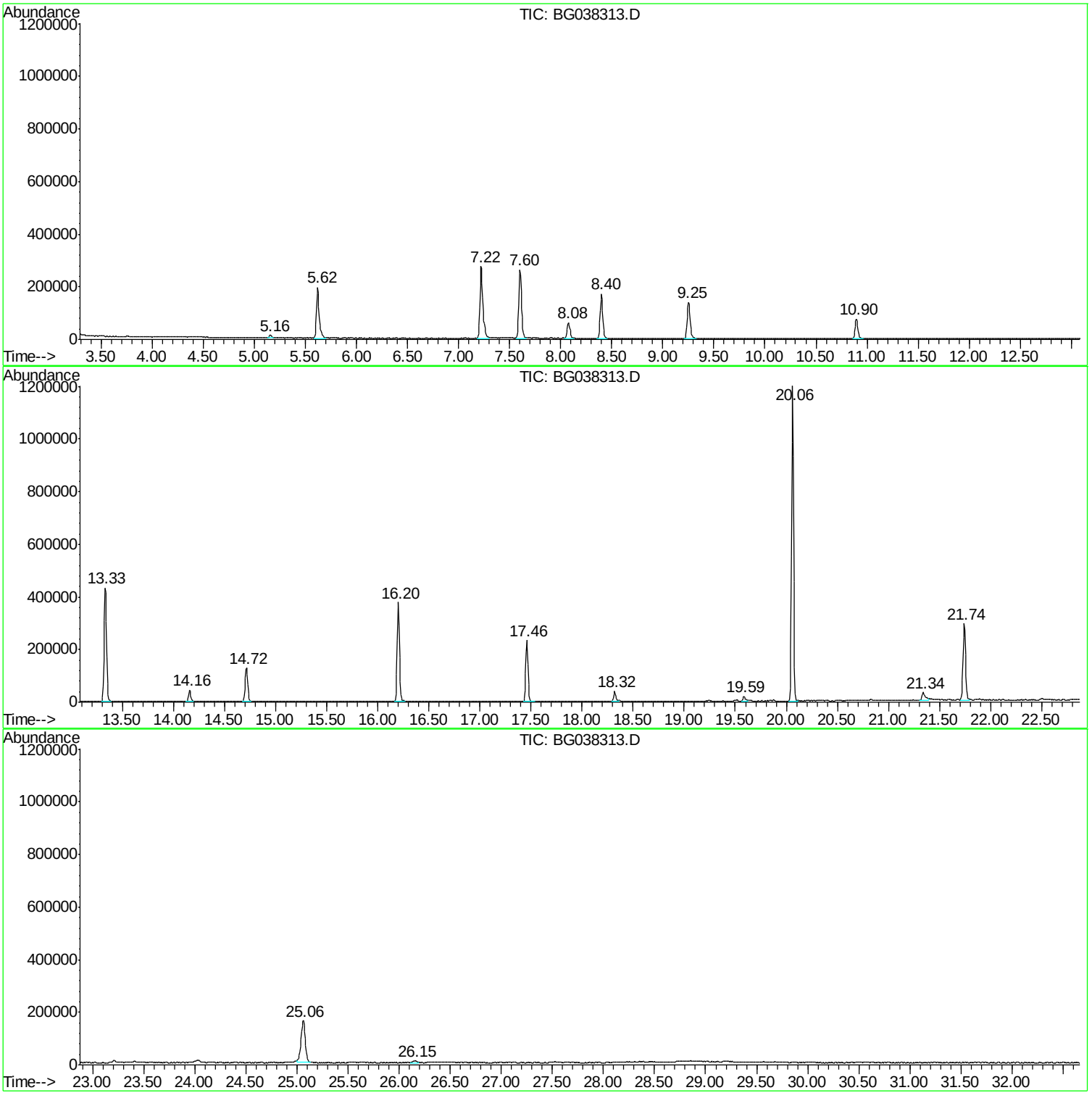
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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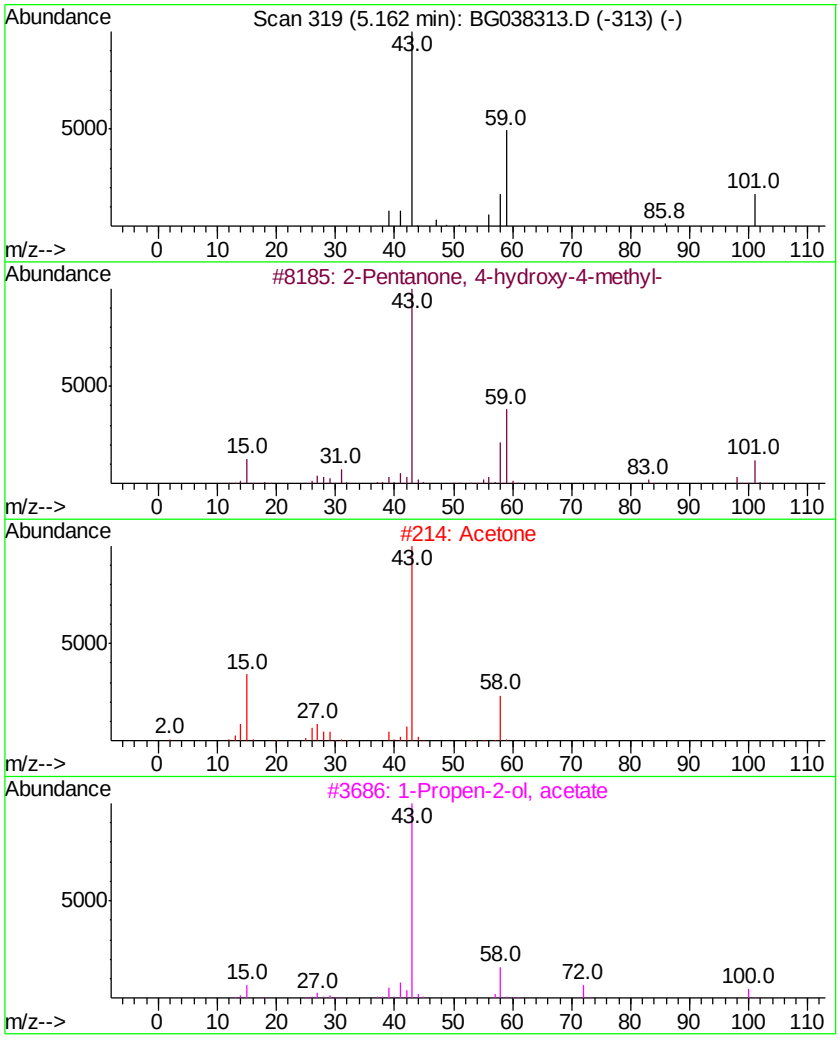
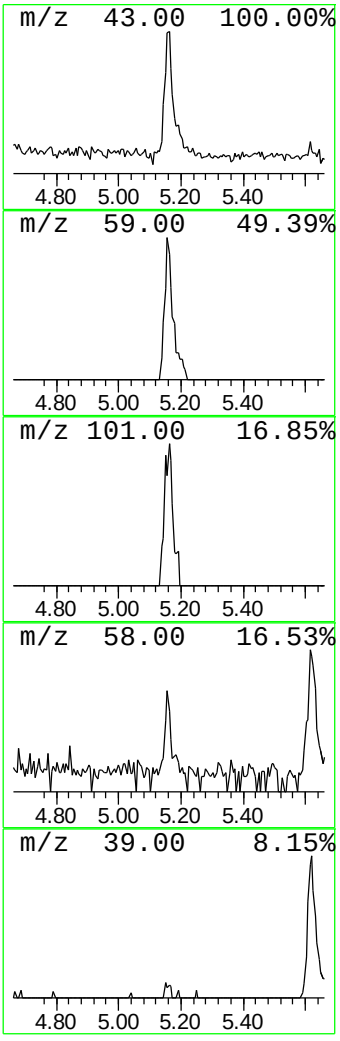
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.87 ng	16592	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	78
2	Acetone	58	C3H6O	000067-64-1	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Nonanone	142	C9H18O	000821-55-6	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Library Search Compound Report

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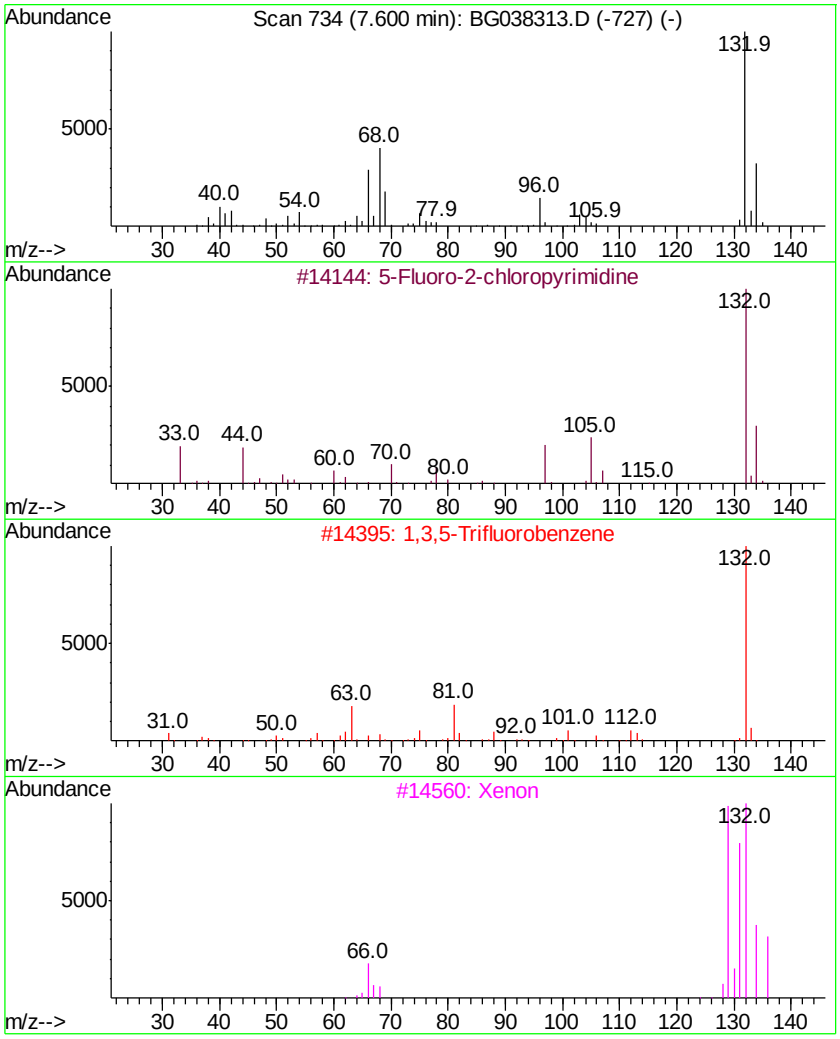
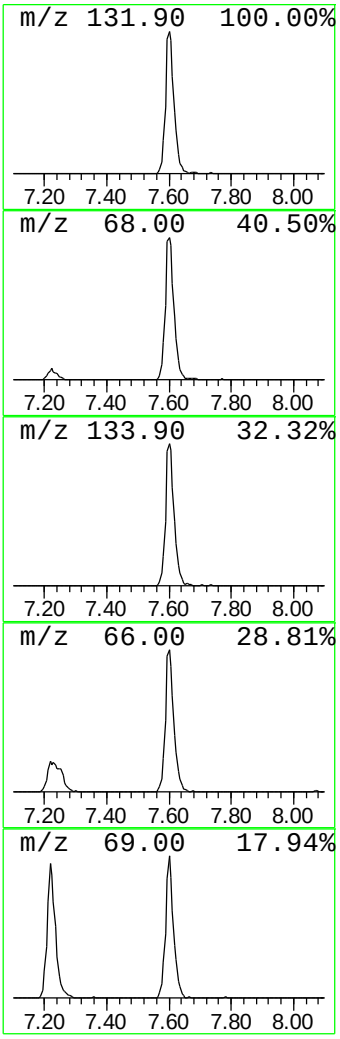
Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	85.96 ng	496357	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Misc :
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Instrument : BNA_G
ClientSampleId : S4-0-0.5-BGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
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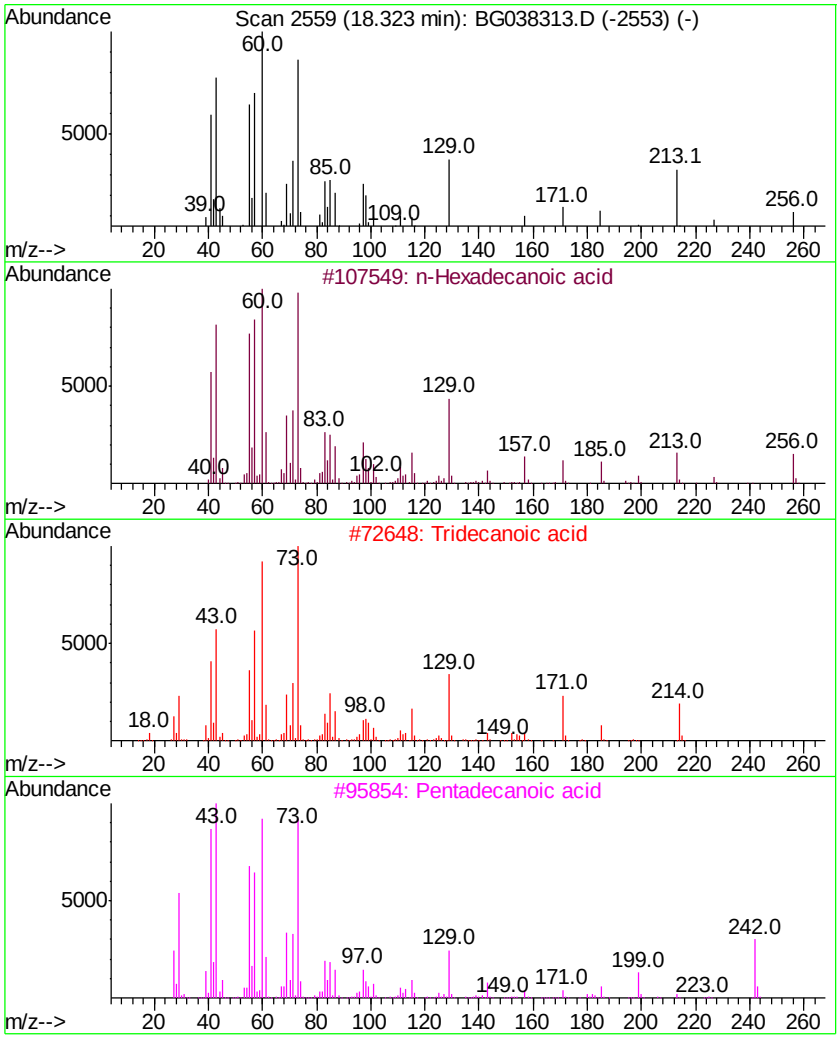
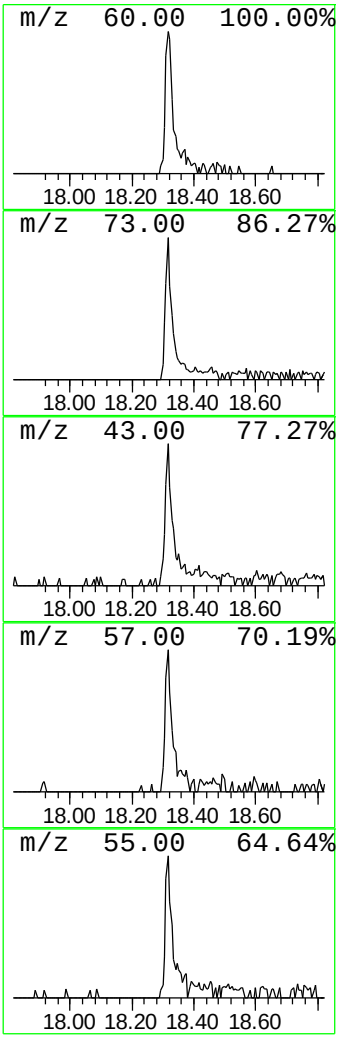
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.27 ng	60178	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Instrument : BNA_G
ClientSampleId : S4-0-0.5-BGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
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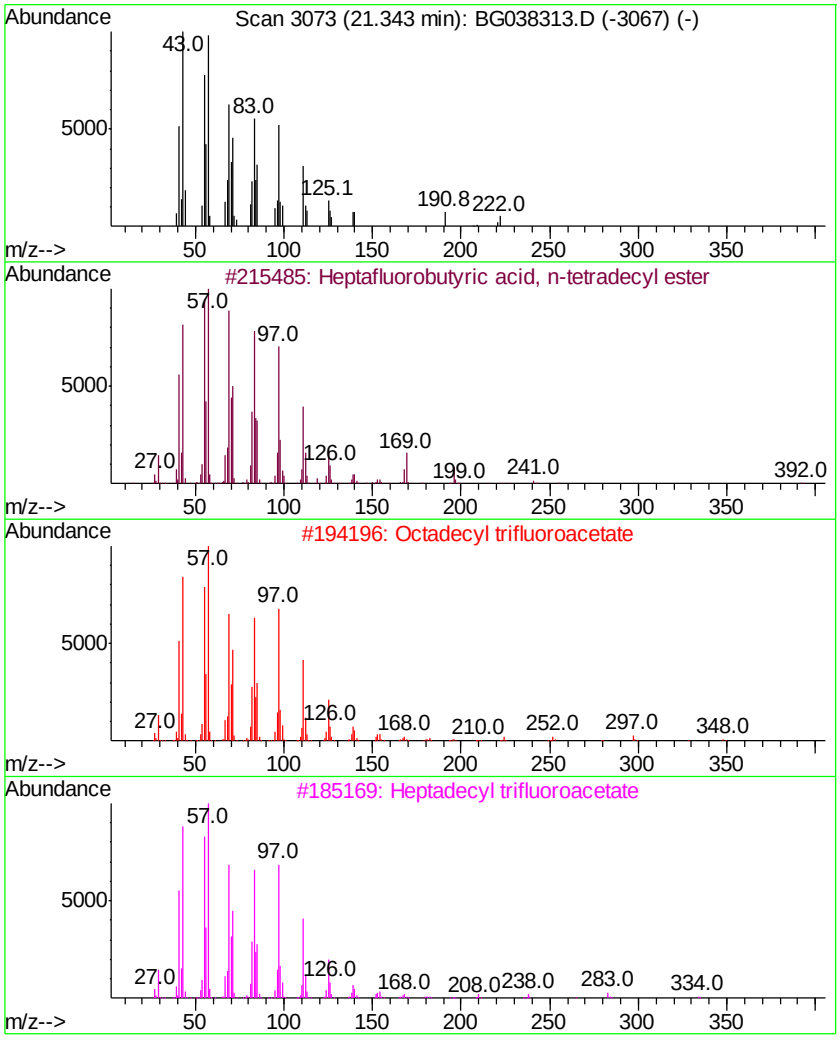
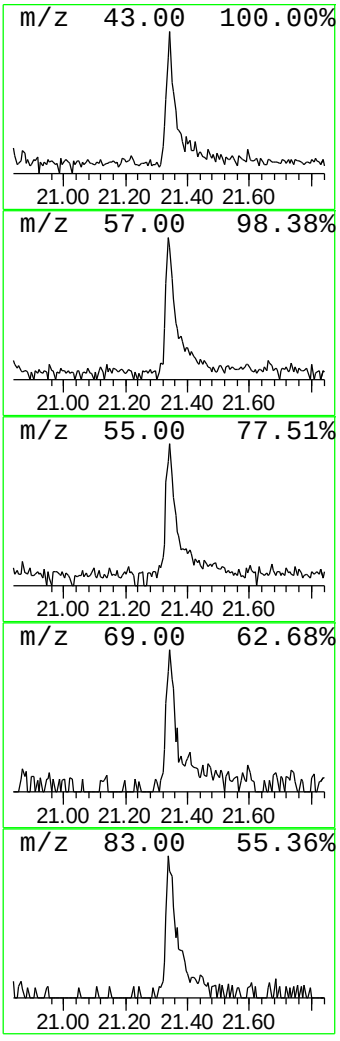
Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.69 ng	65567	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Tentatively Identified Compound (LSC) summary

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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	2.9	ng	16592	1	8.08	115482	20.0
unknown7.60	7.60	86.0	ng	496357	1	8.08	115482	20.0
n-Hexadecanoic acid	18.32	3.3	ng	60178	4	17.46	368032	20.0
Heptafluorobutyri...	21.34	2.7	ng	65567	5	21.74	488240	20.0