LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038312.D
Acq On : 3 Dec 2018 22:58
Operator : JU/SJ
Sample : J6179-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-0-0.5-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	313	318	325	rBV2	12018	20776	1.27%	0.306%
2	5.621	390	397	411	rBV	199050	413257	25.21%	6.094%
3	7.225	662	670	683	rBV	196075	410155	25.02%	6.049%
4	7.601	727	734	745	rBV	198416	389186	23.74%	5.739%
5	8.077	808	815	825	rVB	65037	124577	7.60%	1.837%
6	8.406	862	871	877	rBV	187620	366071	22.33%	5.398%
7	9.252	1008	1015	1029	rBV	122565	243693	14.86%	3.594%
8	10.897	1286	1295	1302	rBV	65176	128586	7.84%	1.896%
9	13.330	1698	1709	1720	rBV	368461	604160	36.85%	8.910%
10	14.158	1844	1850	1860	rBV	47668	75491	4.60%	1.113%
11	14.711	1938	1944	1957	rVB2	125573	216173	13.19%	3.188%
12	16.203	2190	2198	2213	rBV3	419301	672354	41.01%	9.915%
13	17.460	2406	2412	2423	rVB2	260797	393760	24.02%	5.807%
14	18.318	2554	2558	2568	rBV2	34048	54040	3.30%	0.797%
15	19.581	2768	2773	2778	rBV4	14564	23069	1.41%	0.340%
16	20.063	2849	2855	2860	rBV	1209849	1639420	100.00%	24.177%
17	21.338	3065	3072	3081	rBV2	33069	70897	4.32%	1.046%
18	21.744	3133	3141	3154	rBV2	292601	527978	32.21%	7.786%
19	23.212	3383	3391	3397	rBV8	9722	22419	1.37%	0.331%
20	24.023	3519	3529	3540	rBV8	11100	32914	2.01%	0.485%
21	25.057	3695	3705	3706	rBV	171419	334706	20.42%	4.936%
22	26.150	3885	3891	3897	rBV7	8830	17331	1.06%	0.256%

Sum of corrected areas: 6781013

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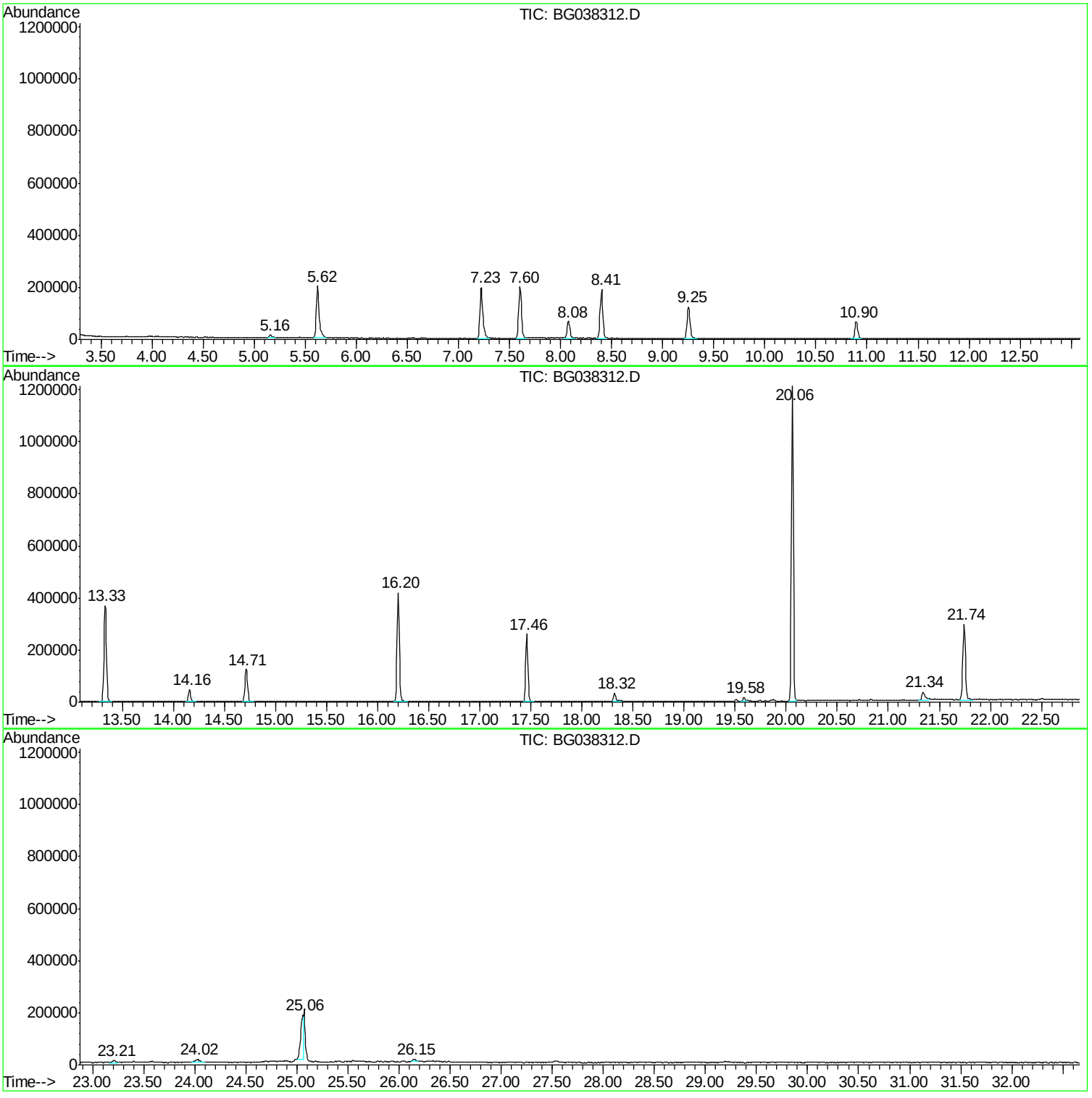
BNA_G
ClientSampleId :
S3-0-0.5-BGS

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



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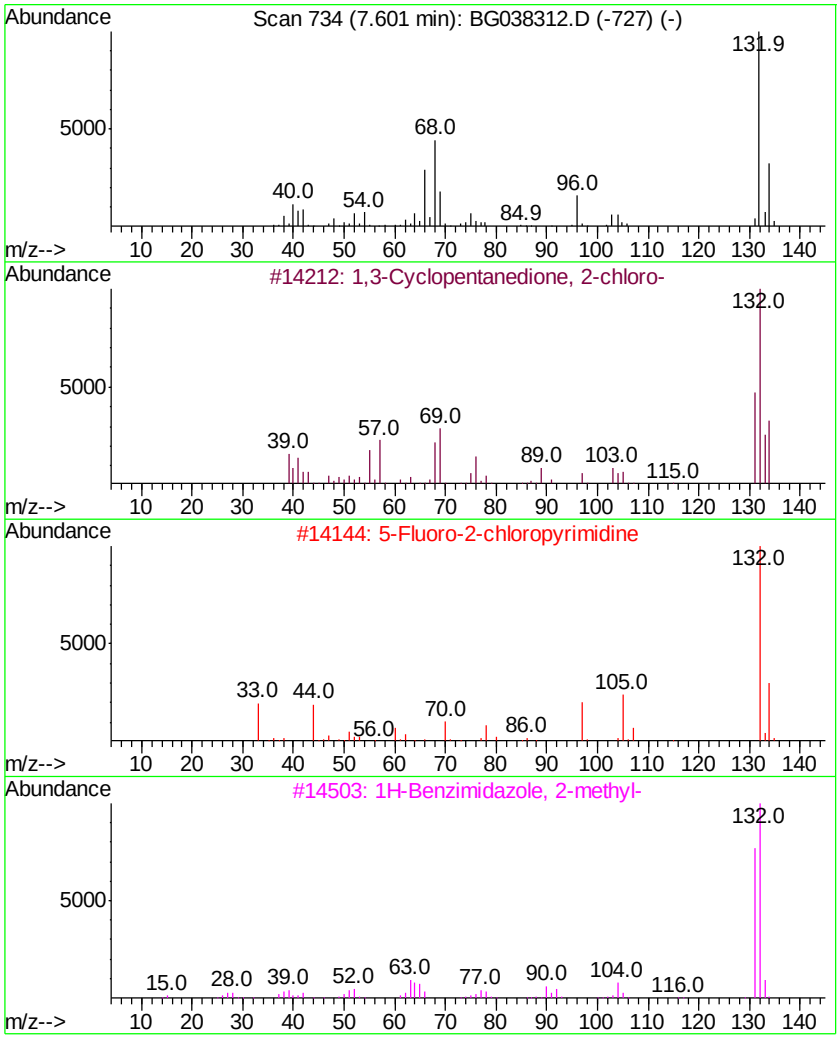
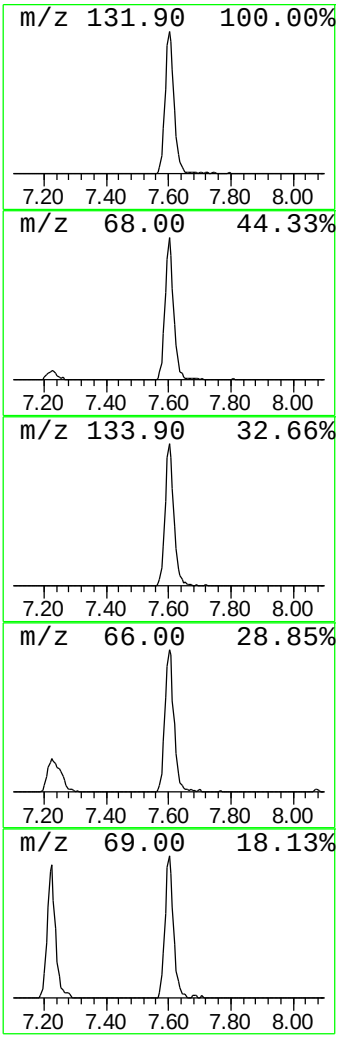
Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	62.48 ng	389186	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-0-0.5-BGS

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

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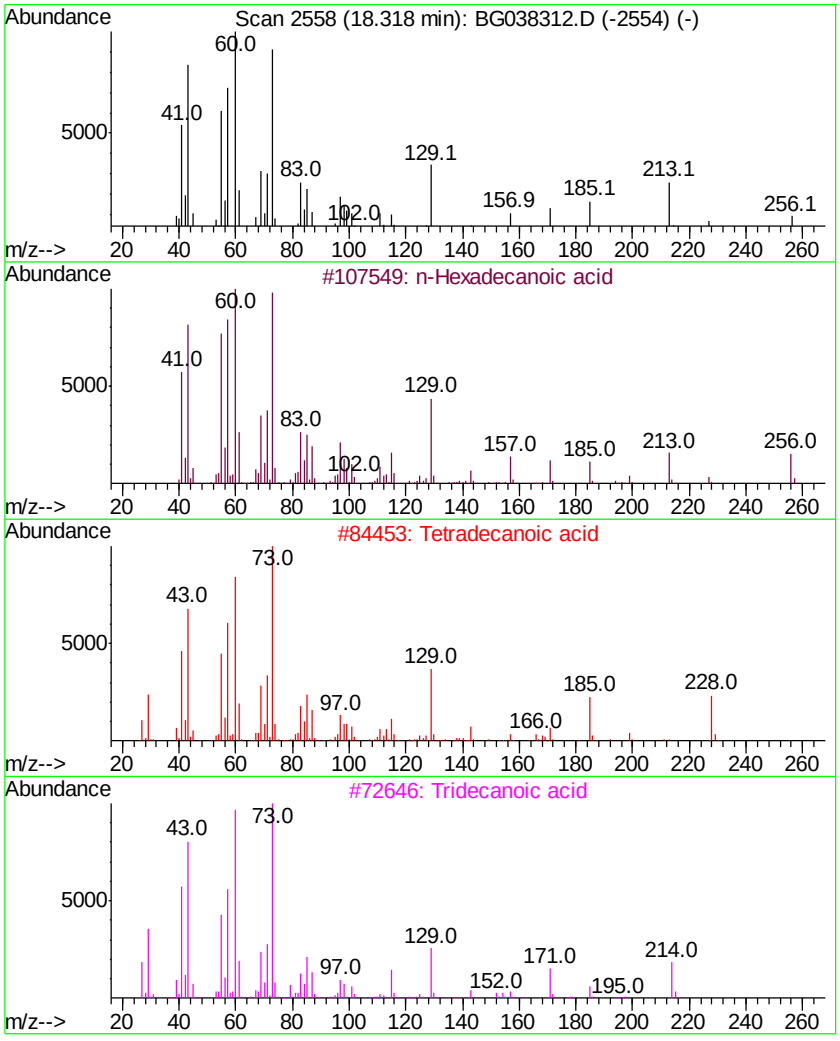
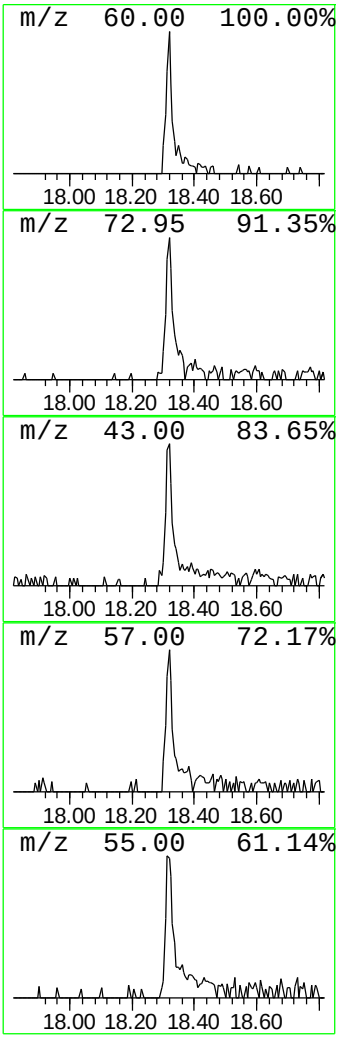
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.74 ng	54040	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





Library Search Compound Report

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Data File : BG038312.D
Acq On : 3 Dec 2018 22:58
Operator : JU/SJ
Sample : J6179-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-0-0.5-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

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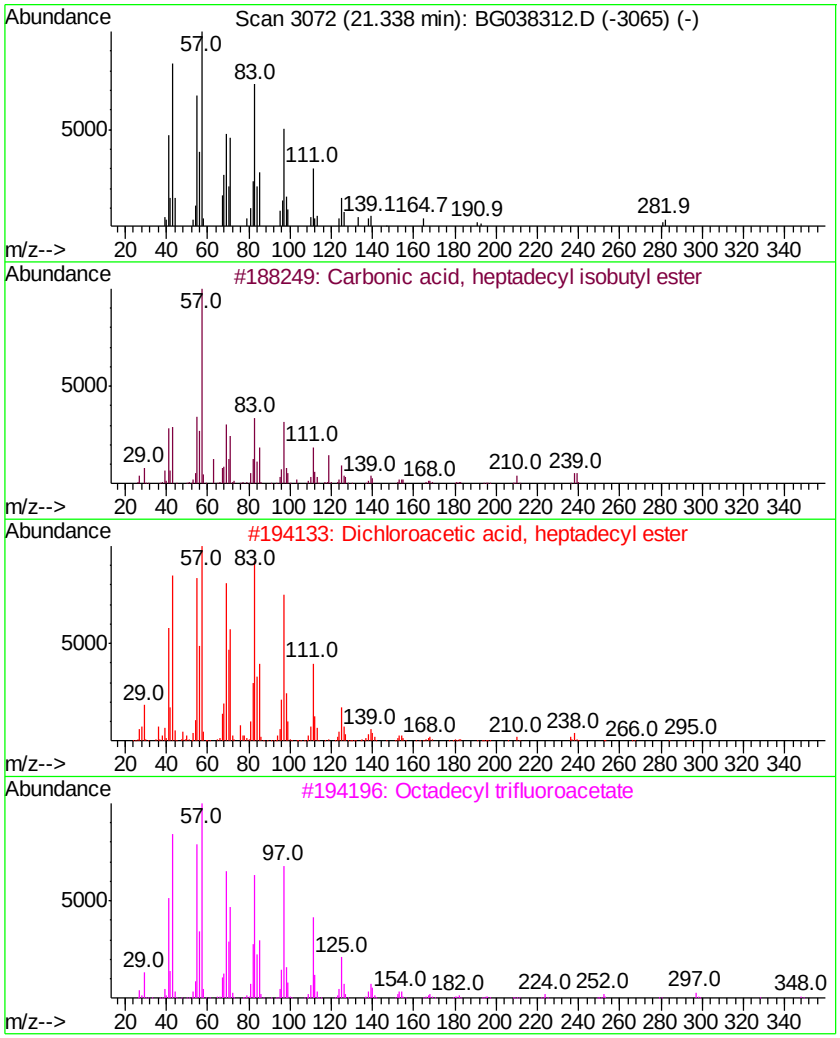
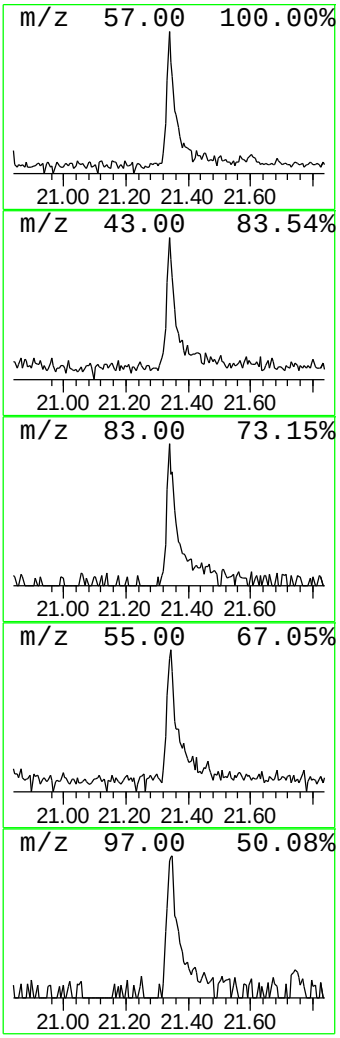
Peak Number 5 Carbonic acid, heptadecyl i... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.69 ng	70897	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	76
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : J6179-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-0-0.5-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
unknown7.60	7.60	62.5	ng	389186	1	8.08	124577	20.0
n-Hexadecanoic acid	18.32	2.7	ng	54040	4	17.46	393760	20.0
Carbonic acid, he...	21.34	2.7	ng	70897	5	21.74	527978	20.0