LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035891.D
Acq On : 26 Jul 2018 2:17
Operator : JU/SJ
Sample : J4140-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-F-8(85-87)

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-BG071218.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	5.138	310	315	324	rBV	62897	96972	4.02%	0.767%
2	5.608	388	395	410	rBV	434502	762686	31.62%	6.031%
3	7.194	656	665	679	rBV	482776	882744	36.60%	6.980%
4	7.558	720	727	740	rBV	469203	823867	34.16%	6.514%
5	8.028	799	807	815	rBV2	118294	204671	8.49%	1.618%
6	8.346	853	861	873	rBV	320852	578961	24.01%	4.578%
7	9.186	997	1004	1017	rBV	260605	523722	21.72%	4.141%
8	10.830	1276	1284	1297	rBV	138244	277761	11.52%	2.196%
9	13.274	1693	1700	1710	rBV	848442	1371685	56.88%	10.846%
10	14.108	1836	1842	1850	rBV3	28939	57300	2.38%	0.453%
11	14.649	1925	1934	1946	rBV2	279394	489251	20.29%	3.869%
12	16.141	2181	2188	2205	rBV	779537	1330888	55.19%	10.523%
13	17.392	2395	2401	2415	rBV	438177	729398	30.24%	5.767%
14	18.279	2545	2552	2558	rBV7	10323	24791	1.03%	0.196%
15	20.000	2839	2845	2856	rBV	1860757	2411676	100.00%	19.069%
16	20.793	2974	2980	2984	rBV2	31445	39682	1.65%	0.314%
17	21.293	3060	3065	3070	rBV2	75265	116311	4.82%	0.920%
18	21.657	3121	3127	3138	rBV	470627	813981	33.75%	6.436%
19	21.839	3154	3158	3166	rVB2	35545	58821	2.44%	0.465%
20	22.444	3256	3261	3266	rBV	35853	60054	2.49%	0.475%
21	23.126	3372	3377	3385	rVB2	36705	66931	2.78%	0.529%
22	23.924	3507	3513	3518	rBV4	32866	71798	2.98%	0.568%
23	24.859	3662	3672	3685	rBV2	288898	801983	33.25%	6.341%
24	25.975	3855	3862	3871	rVB6	17734	50936	2.11%	0.403%

Sum of corrected areas: 12646870

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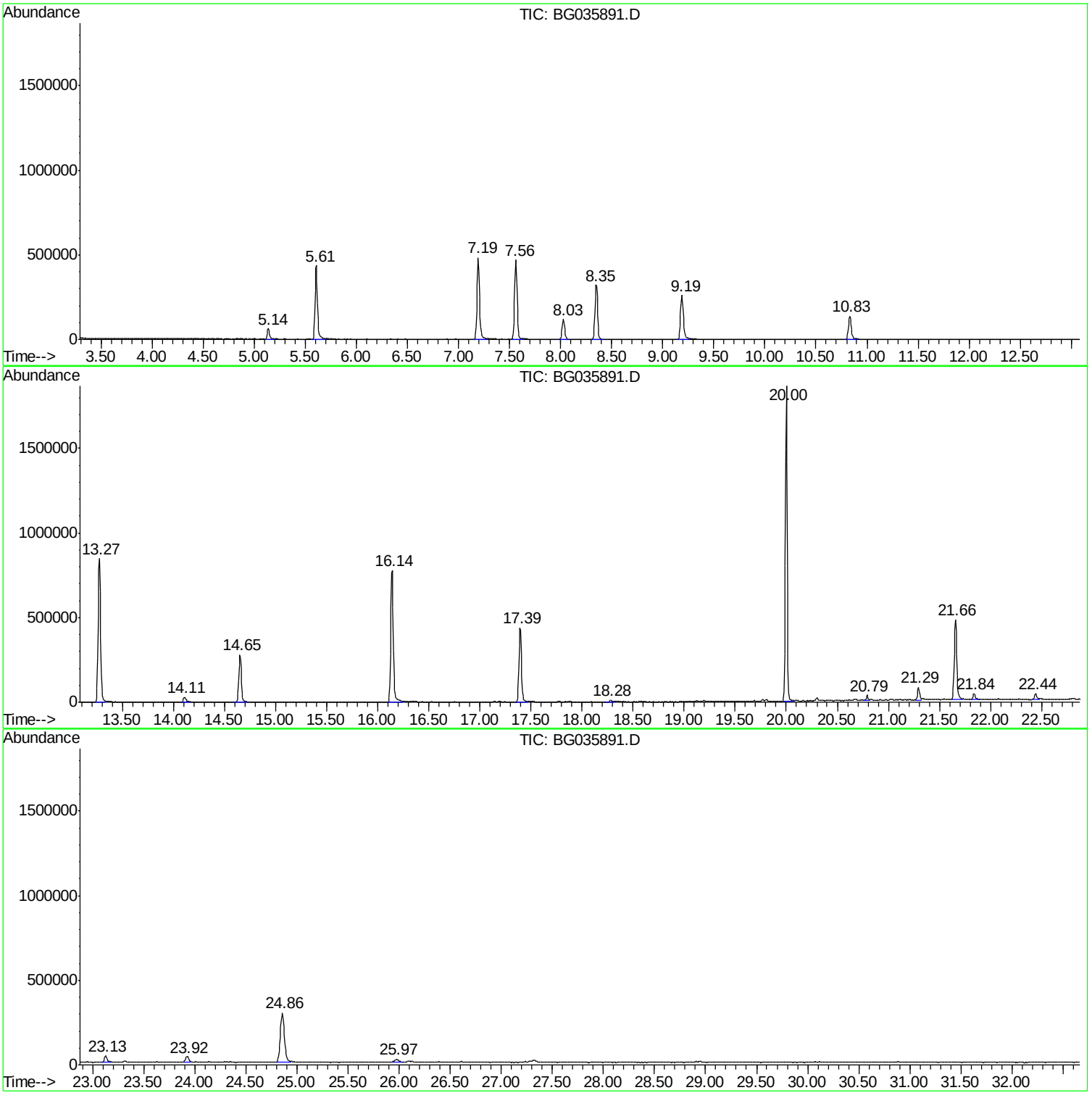
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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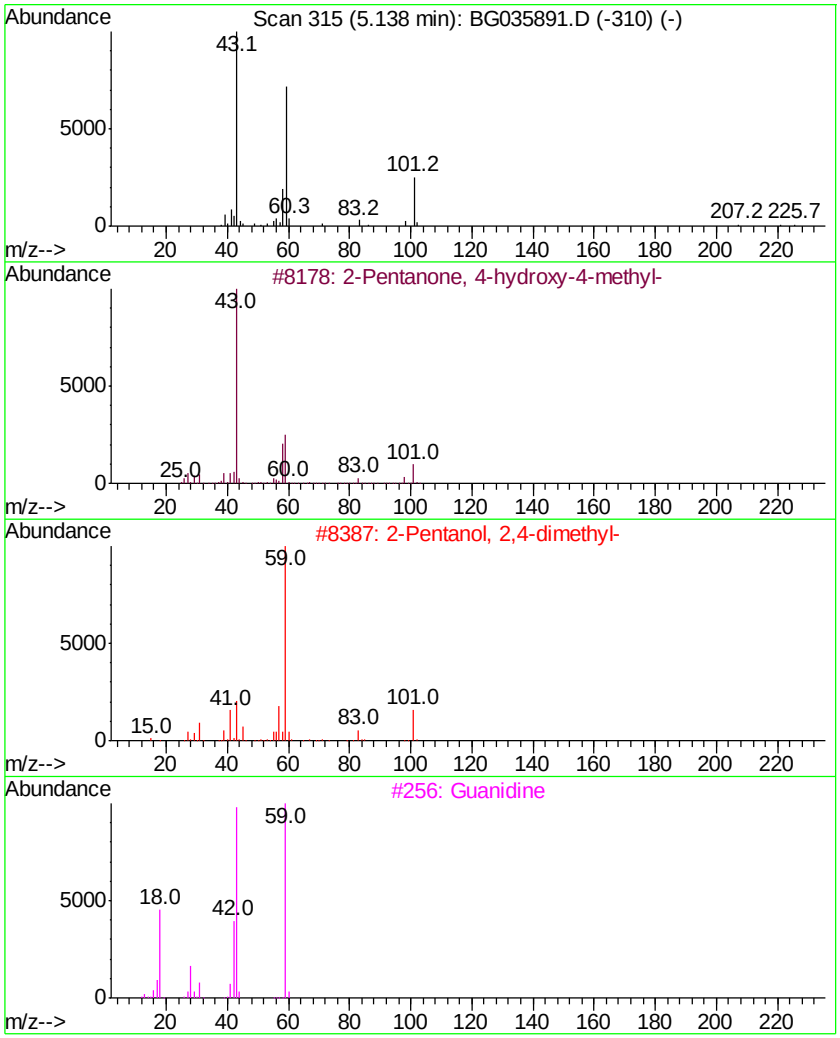
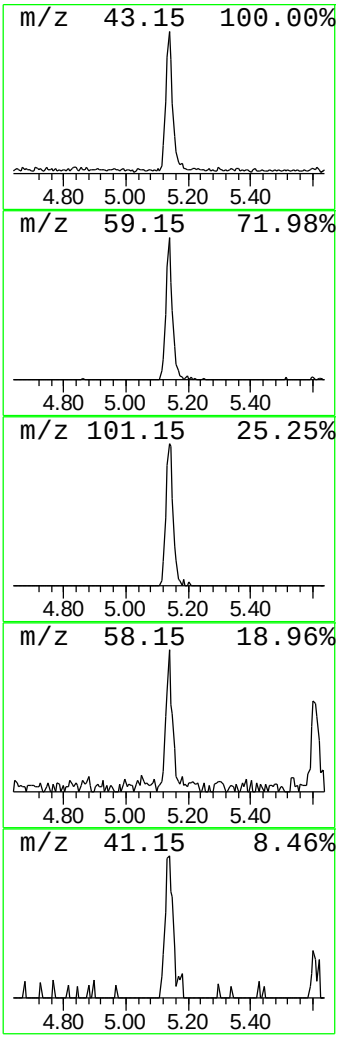
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	9.48 ng	96972	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	45
3	Guanidine	59	CH5N3	000113-00-8	43
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	1,2-Butanediol	90	C4H10O2	000584-03-2	23





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : EPE-F-8(85-87)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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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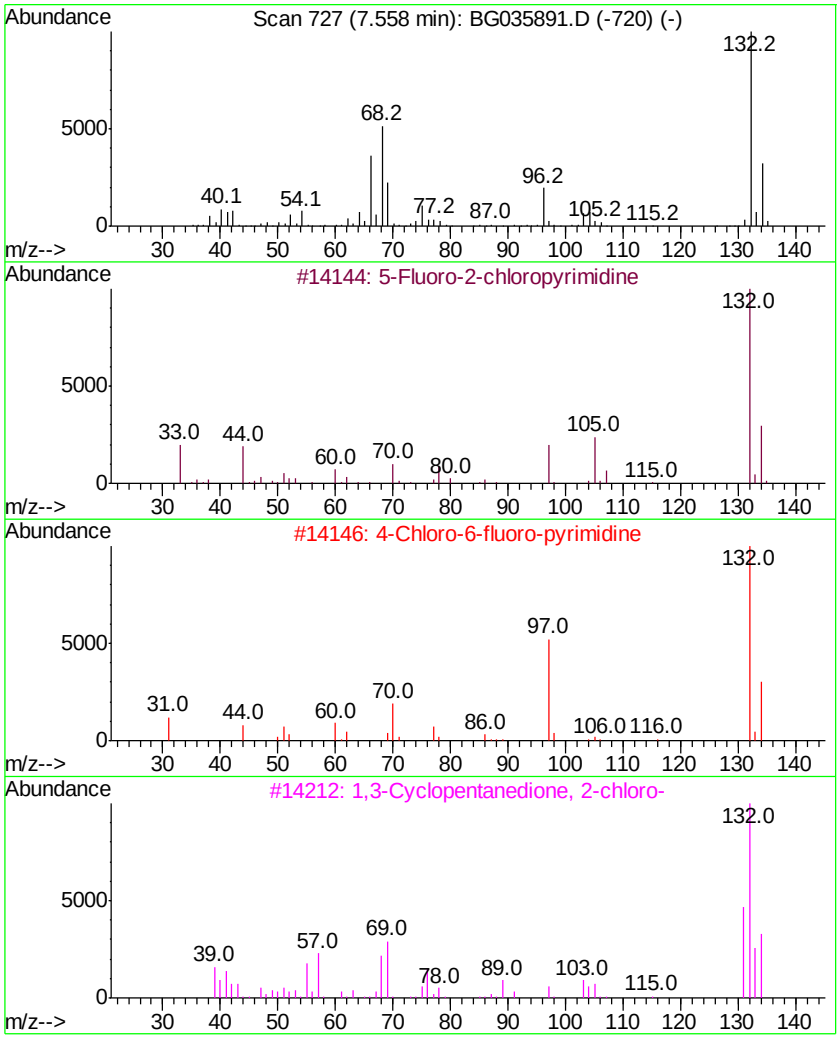
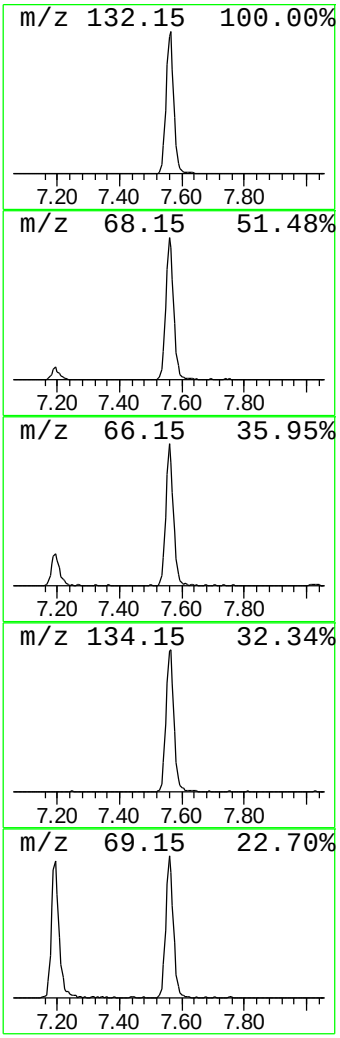
Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	80.51 ng	823867	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	14





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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-F-8(85-87)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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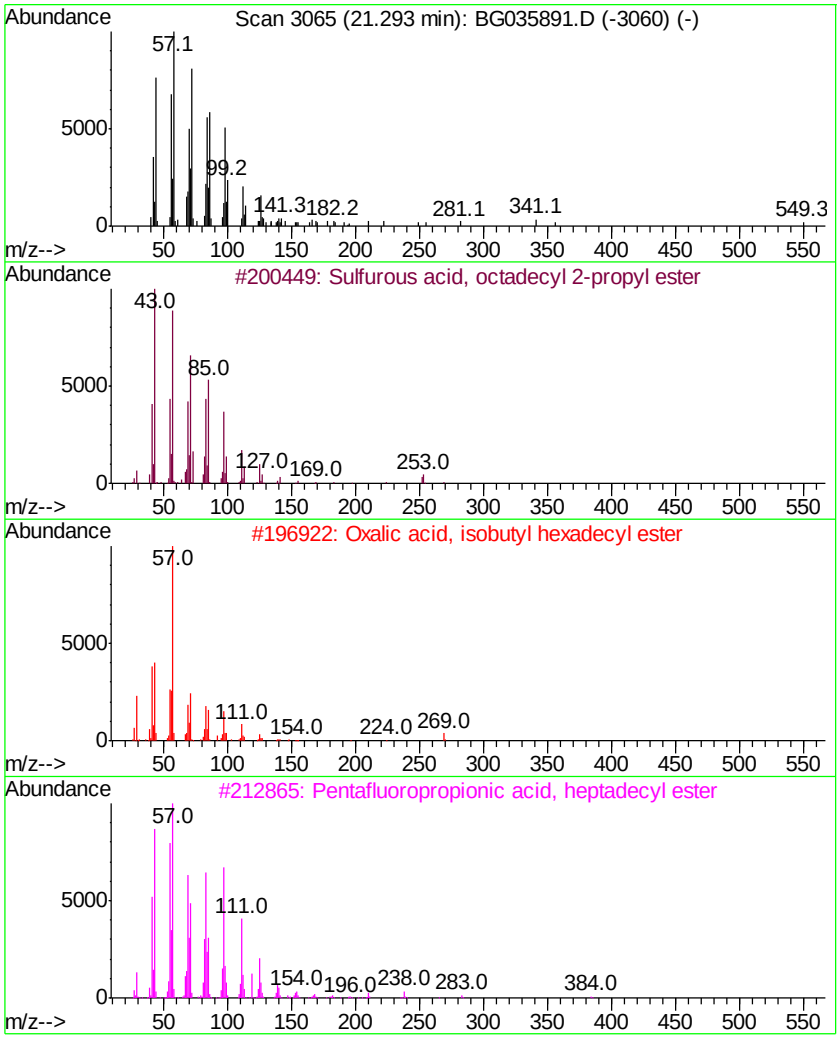
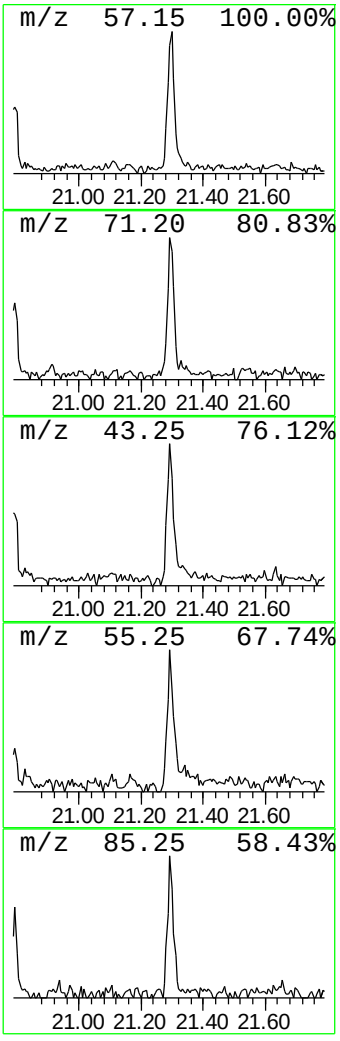
Peak Number 4 Sulfurous acid, octadecyl 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.86 ng	116311	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	60
4	17-Pentatriacontene	491	C35H70	006971-40-0	58
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	53





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	9.5	ng	96972	1	8.03	204671	20.0
unknown7.56	7.56	80.5	ng	823867	1	8.03	204671	20.0
Sulfurous acid, o...	21.29	2.9	ng	116311	5	21.66	813981	20.0