LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061721\
Data File : BG049012.D
Acq On : 17 Jun 2021 13:40
Operator : CG/JU
Sample : M2735-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 124055

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049012.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.161	15	21	30	rVV	78431	156568	8.29%	1.585%
2	3.237	30	34	38	rVB	17454	24440	1.29%	0.247%
3	5.670	441	448	457	rVB	439011	733259	38.82%	7.422%
4	7.274	713	721	731	rBV	458690	801769	42.45%	8.115%
5	8.120	859	865	872	rVB	118380	206105	10.91%	2.086%
6	9.289	1055	1064	1073	rBV	269254	502385	26.60%	5.085%
7	10.705	1298	1305	1320	rBV	208434	353926	18.74%	3.582%
8	10.946	1339	1346	1353	rVB	158737	286312	15.16%	2.898%
9	13.384	1754	1761	1769	rVB	663159	1022529	54.14%	10.349%
10	13.649	1801	1806	1812	rBV3	12520	19651	1.04%	0.199%
11	13.954	1852	1858	1861	rBV4	13140	19849	1.05%	0.201%
12	14.759	1988	1995	2003	rBV	255485	411526	21.79%	4.165%
13	16.246	2242	2248	2257	rBV	688054	1035900	54.84%	10.485%
14	17.509	2457	2463	2473	rBV	381165	578792	30.64%	5.858%
15	18.173	2570	2576	2582	rVB	36858	50254	2.66%	0.509%
16	18.390	2607	2613	2619	rBV	91108	127856	6.77%	1.294%
17	19.336	2770	2774	2779	rVB2	36865	39592	2.10%	0.401%
18	19.465	2792	2796	2800	rBV3	16726	21300	1.13%	0.216%
19	19.659	2824	2829	2834	rBV2	43663	66453	3.52%	0.673%
20	20.118	2900	2907	2913	rBV	1389582	1888844	100.00%	19.118%
21	20.793	3017	3022	3027	rBV8	10892	19380	1.03%	0.196%
22	21.428	3126	3130	3141	rBV3	71740	130228	6.89%	1.318%
23	21.686	3170	3174	3179	rVB2	23465	34678	1.84%	0.351%
24	21.798	3187	3193	3201	rBV	370955	651578	34.50%	6.595%
25	22.004	3224	3228	3235	rVB7	16371	28030	1.48%	0.284%
26	25.135	3749	3761	3772	rBV2	231850	668889	35.41%	6.770%

Sum of corrected areas: 9880093

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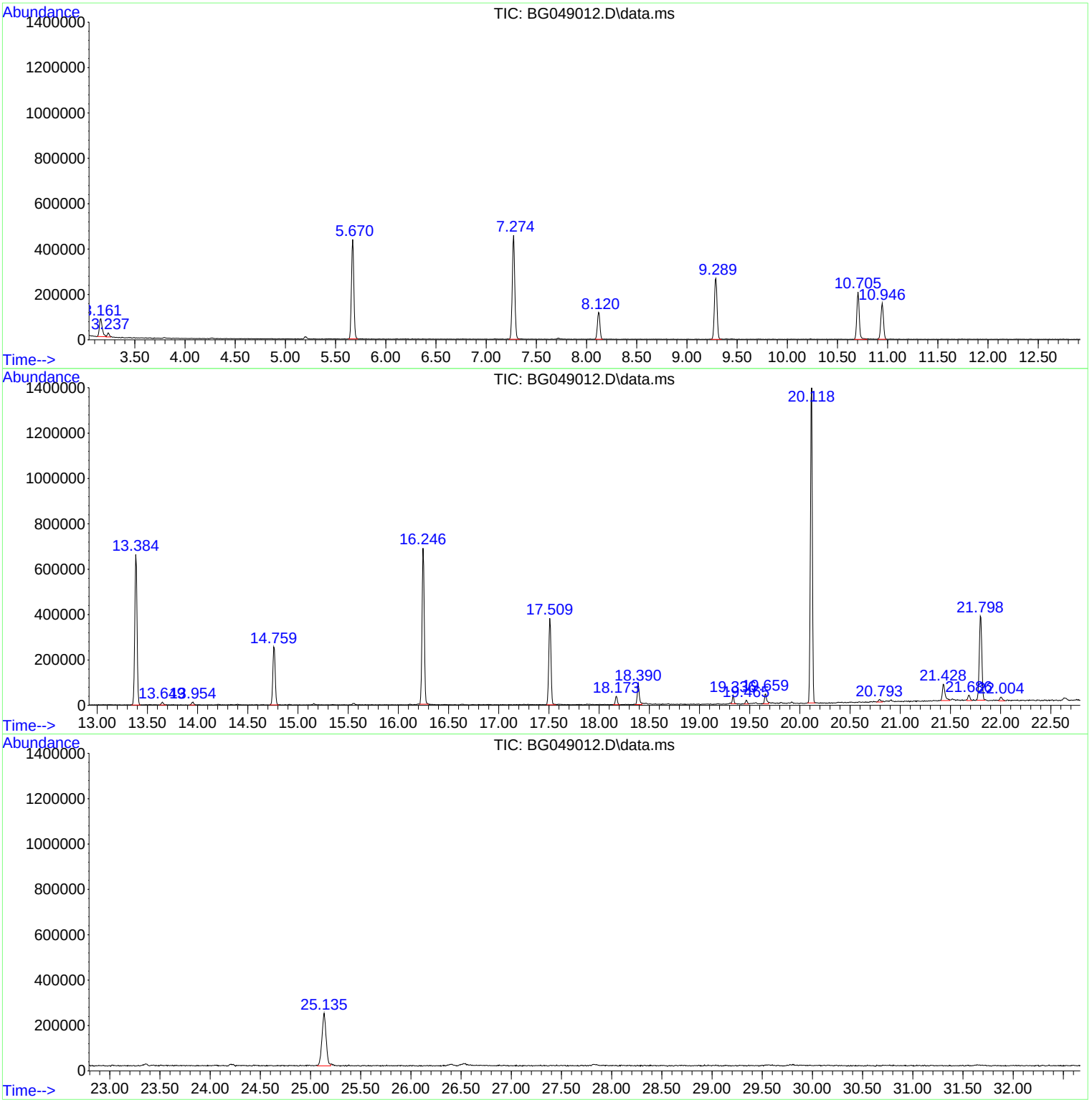
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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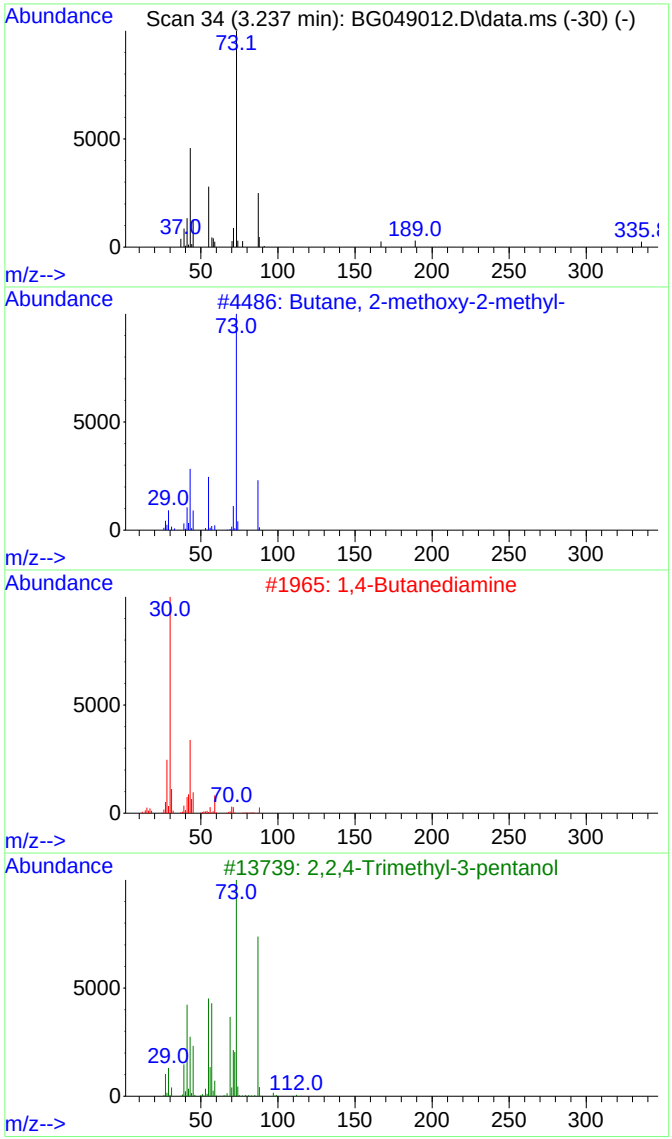
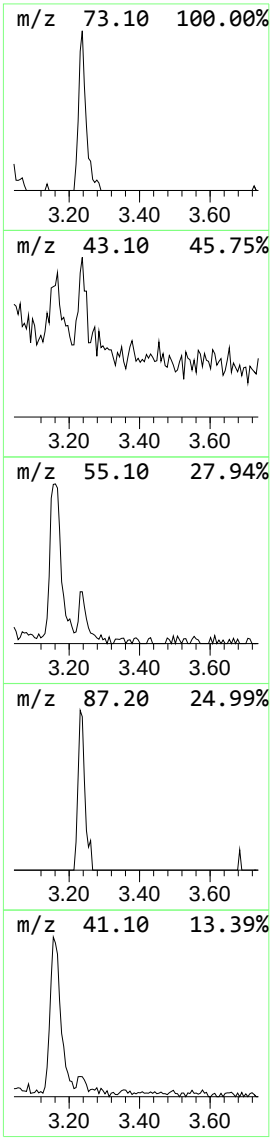
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.237	2.37 ng	24440	1,4-Dichlorobenzene-d4	8.126

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	9





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Instrument : BNA_G
ClientSampleId : 124055

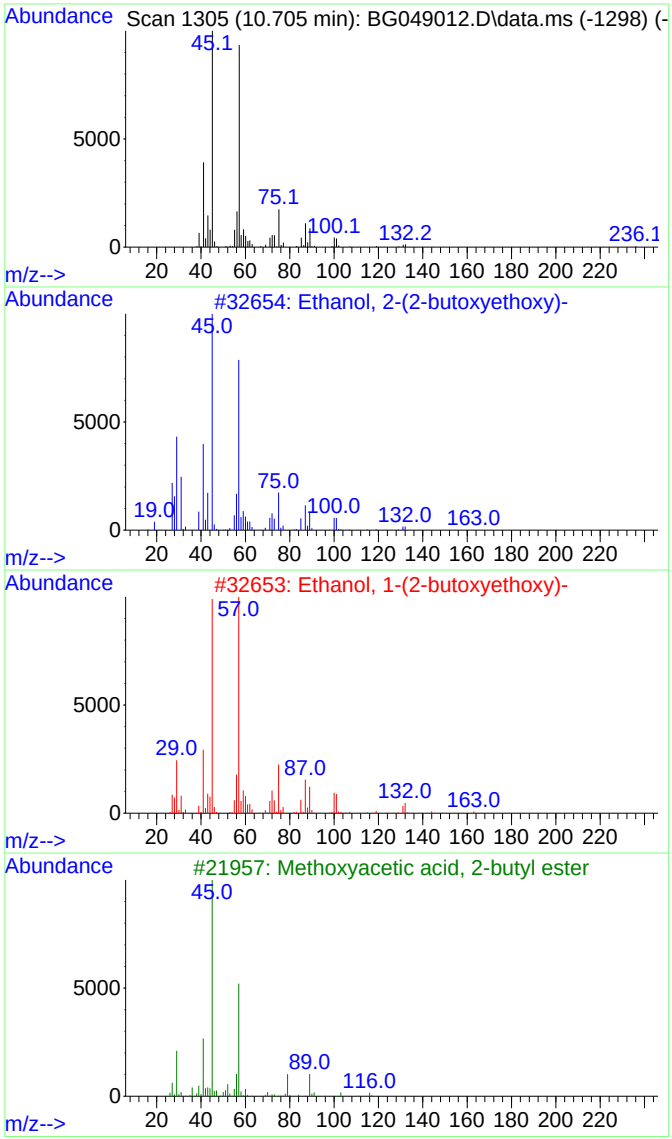
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

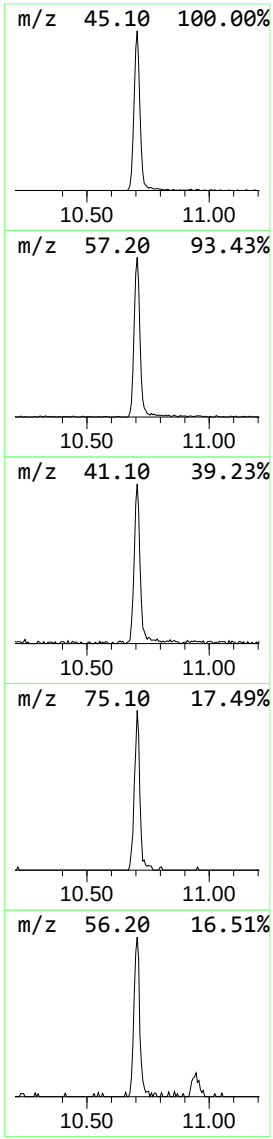
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.705	24.72 ng	353926	Naphthalene-d8	10.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	53
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	47





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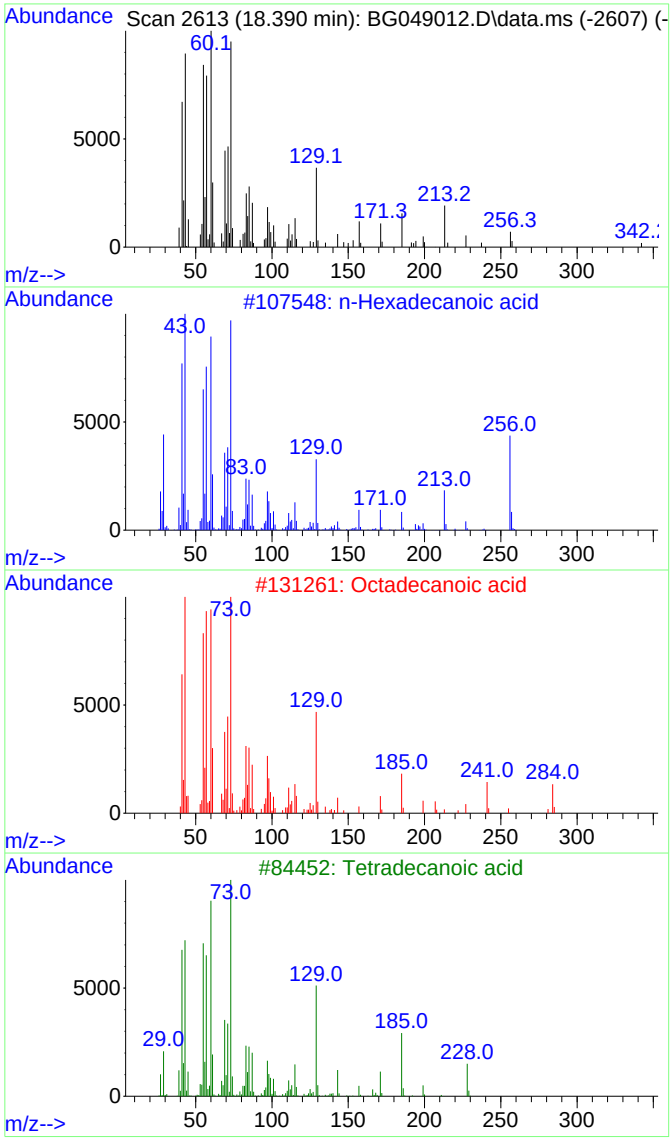
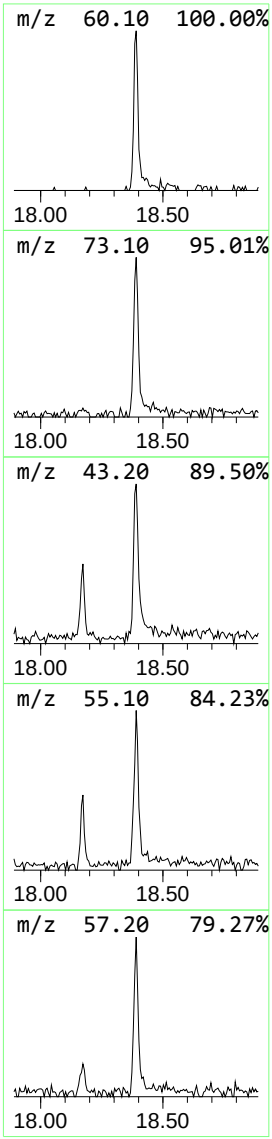
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	4.42 ng	127856	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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ClientSampleId : 124055

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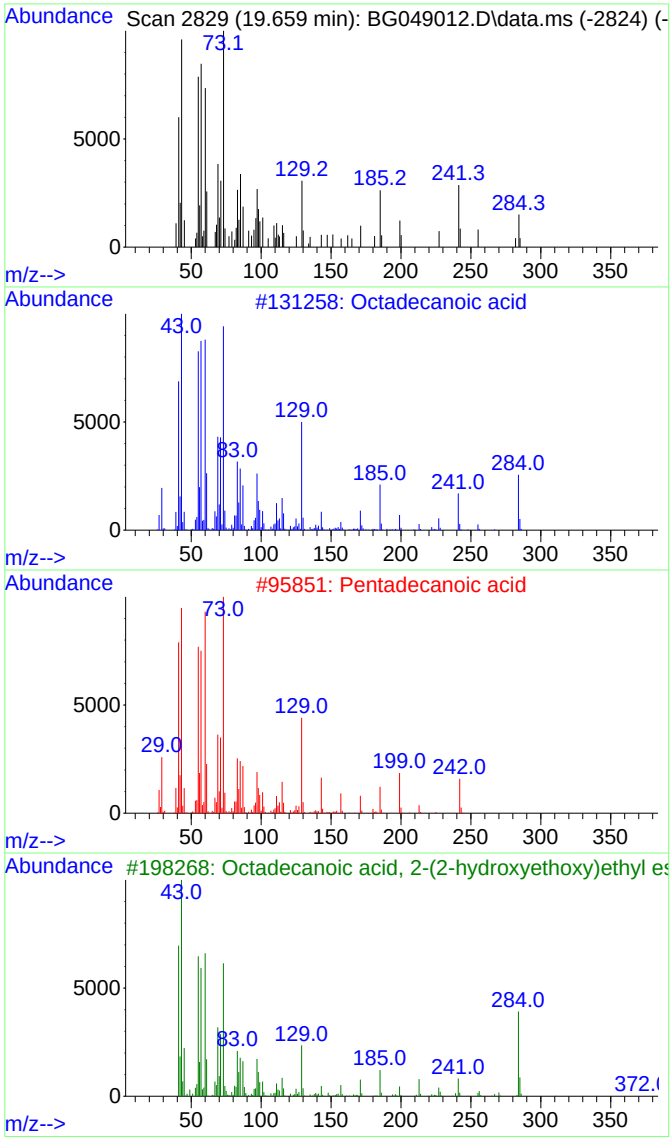
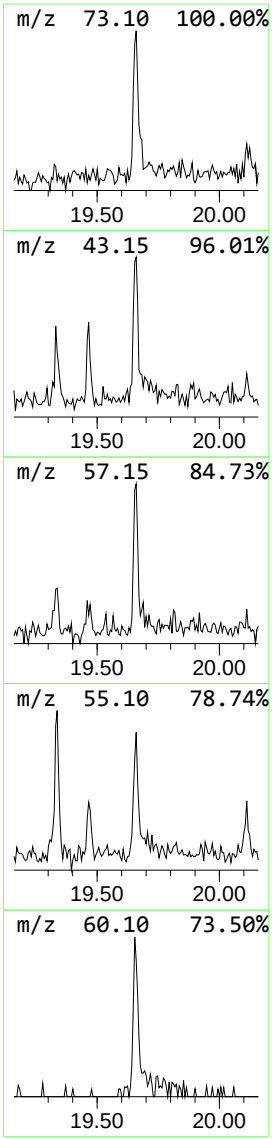
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.659	2.04 ng	66453	Chrysene-d12	21.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	60





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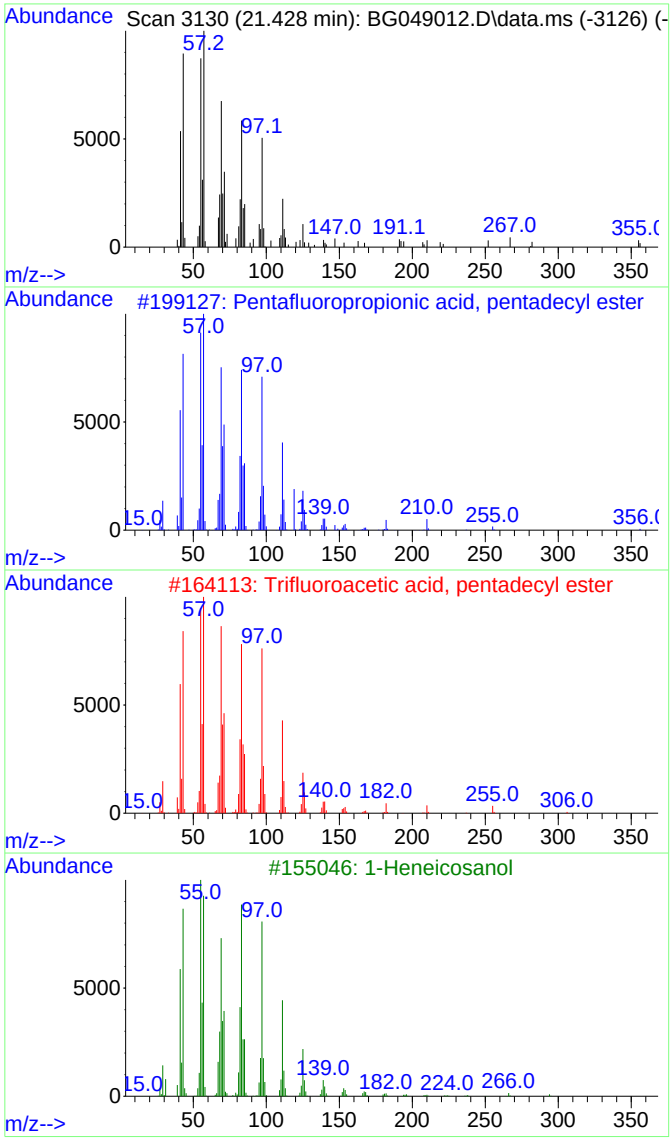
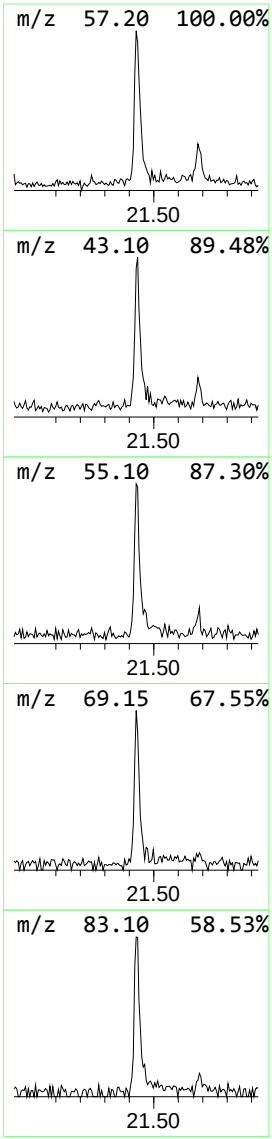
****
Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.428	4.00 ng	130228	Chrysene-d12	21.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.237	2.4	ng	24440	1	8.126	206105	20.0
Ethanol, 2-(2-b...	10.705	24.7	ng	353926	2	10.946	286312	20.0
n-Hexadecanoic ...	18.390	4.4	ng	127856	4	17.509	578792	20.0
Octadecanoic acid	19.659	2.0	ng	66453	5	21.798	651578	20.0
Pentafluoroprop...	21.428	4.0	ng	130228	5	21.798	651578	20.0