LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
Data File : BG058573.D
Acq On : 2 Aug 2023 11:20
Operator : MA/JU
Sample : 03686-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721

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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	305	310	316	rVB	19582	28786	1.04%	0.195%
2	5.386	384	391	405	rBV	813774	1289229	46.77%	8.723%
3	6.990	654	664	678	rBV	782944	1373511	49.83%	9.294%
4	7.407	729	735	745	rBV2	14512	31851	1.16%	0.216%
5	7.812	798	804	812	rBV	182080	303313	11.00%	2.052%
6	8.975	994	1002	1018	rBV	468599	840457	30.49%	5.687%
7	10.615	1274	1281	1291	rBV	253960	459336	16.66%	3.108%
8	13.082	1693	1701	1713	rBV	1242961	1958425	71.05%	13.251%
9	13.353	1740	1747	1761	rBV	170781	283953	10.30%	1.921%
10	14.463	1929	1936	1948	rVB	424038	662255	24.02%	4.481%
11	15.950	2183	2189	2208	rBV	962321	1580741	57.34%	10.696%
12	17.207	2397	2403	2414	rBV	520819	784865	28.47%	5.311%
13	17.324	2419	2423	2429	rVB2	20218	28959	1.05%	0.196%
14	18.094	2550	2554	2563	rBV	94953	169142	6.14%	1.144%
15	19.040	2712	2715	2725	rVB2	49036	60902	2.21%	0.412%
16	19.381	2768	2773	2782	rBV10	18524	45462	1.65%	0.308%
17	19.827	2843	2849	2858	rBV	2129191	2756594	100.00%	18.652%
18	20.621	2978	2984	2988	rBV2	38670	66143	2.40%	0.448%
19	21.102	3063	3066	3068	rBV2	45053	59010	2.14%	0.399%
20	21.449	3119	3125	3134	rBV	501336	837891	30.40%	5.669%
21	21.625	3151	3155	3160	rVB2	47244	65147	2.36%	0.441%
22	22.201	3248	3253	3256	rBV	51175	87093	3.16%	0.589%
23	24.522	3638	3648	3660	rBV	340747	1005889	36.49%	6.806%

Sum of corrected areas: 14778954

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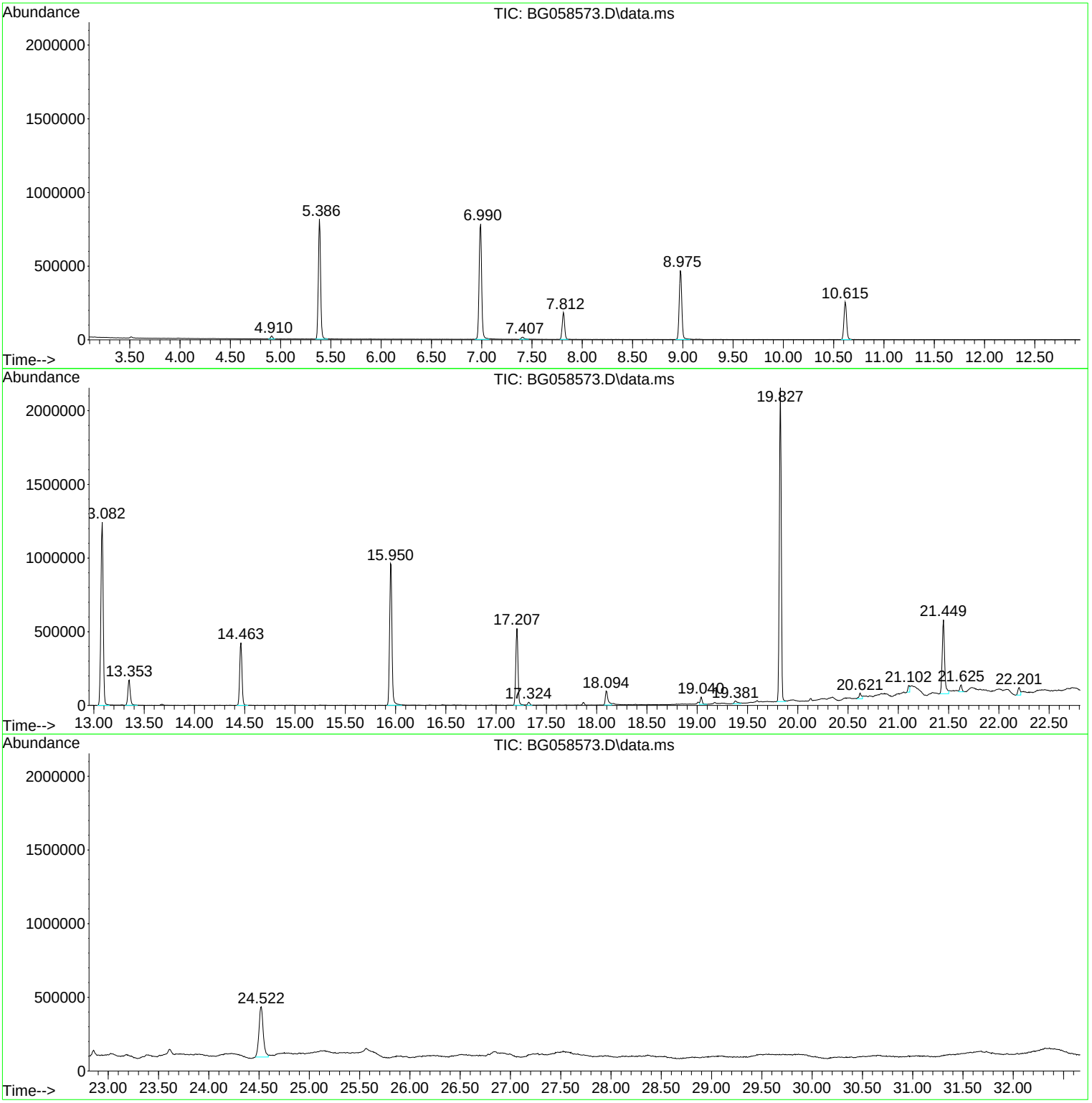
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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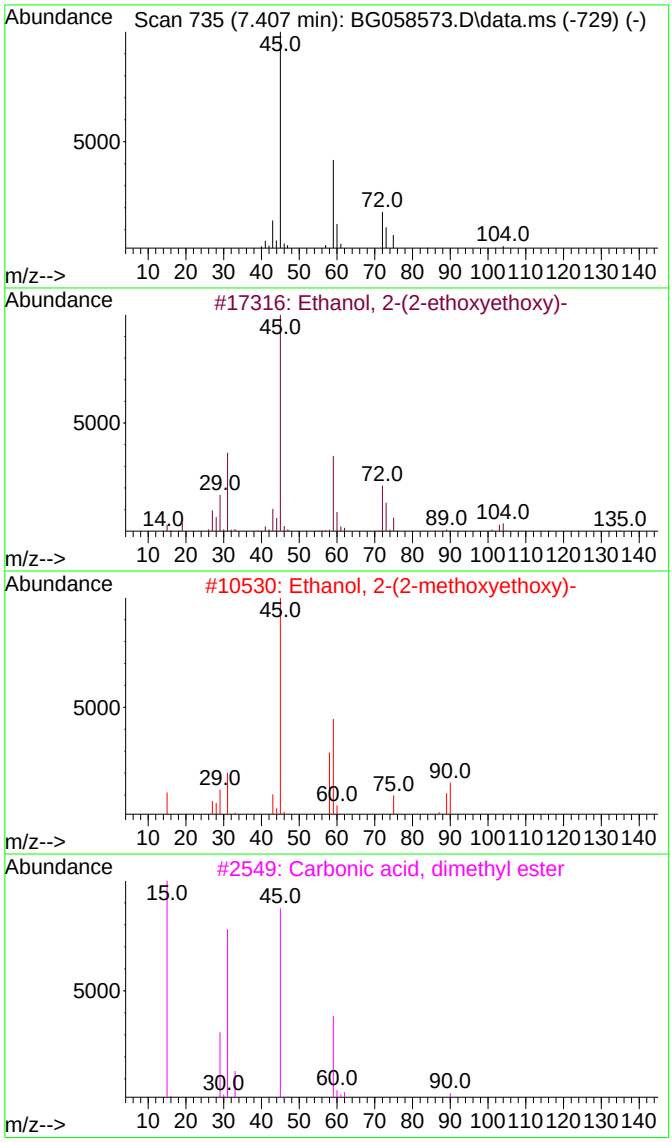
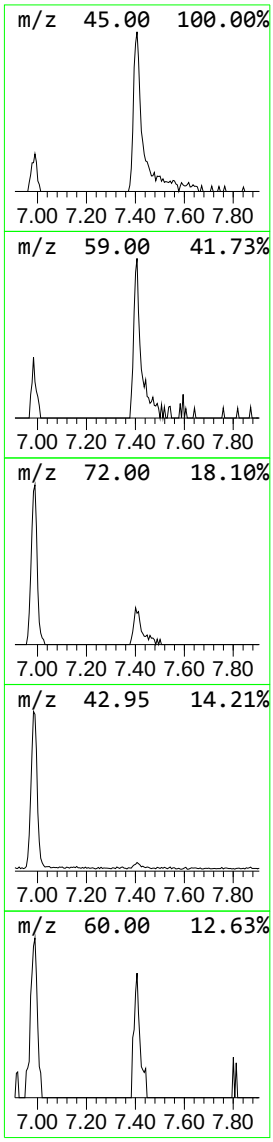
****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.407	2.10 ng	31851	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	74
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
3	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	39
4	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39
5	Butane, 1,2,4-trimethoxy-	148	C7H16O3	020637-48-3	28





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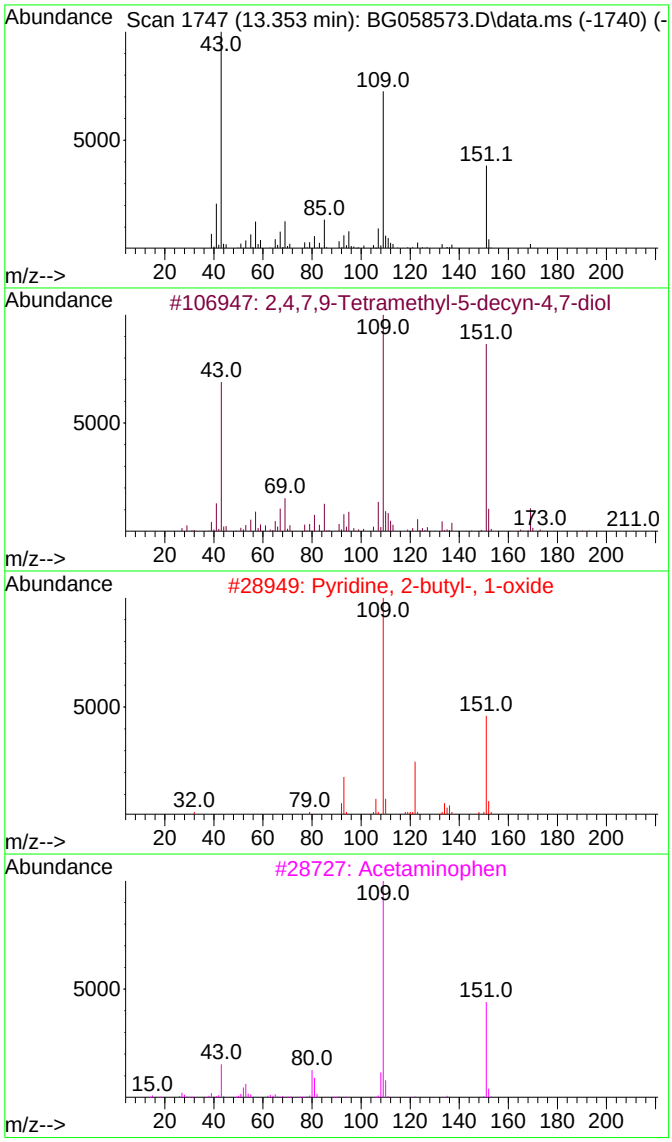
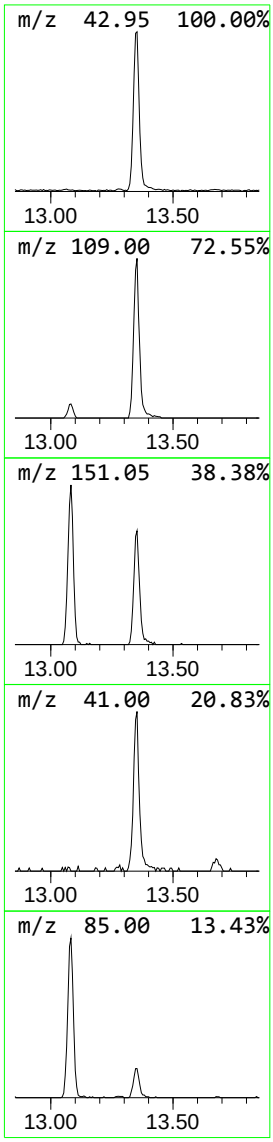
****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.353	8.58 ng	283953	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Acetaminophen	151	C8H9NO2	000103-90-2	50
4	Metacetamol	151	C8H9NO2	000621-42-1	50
5	2-Thiophenecarbonitrile	109	C5H3NS	001003-31-2	35





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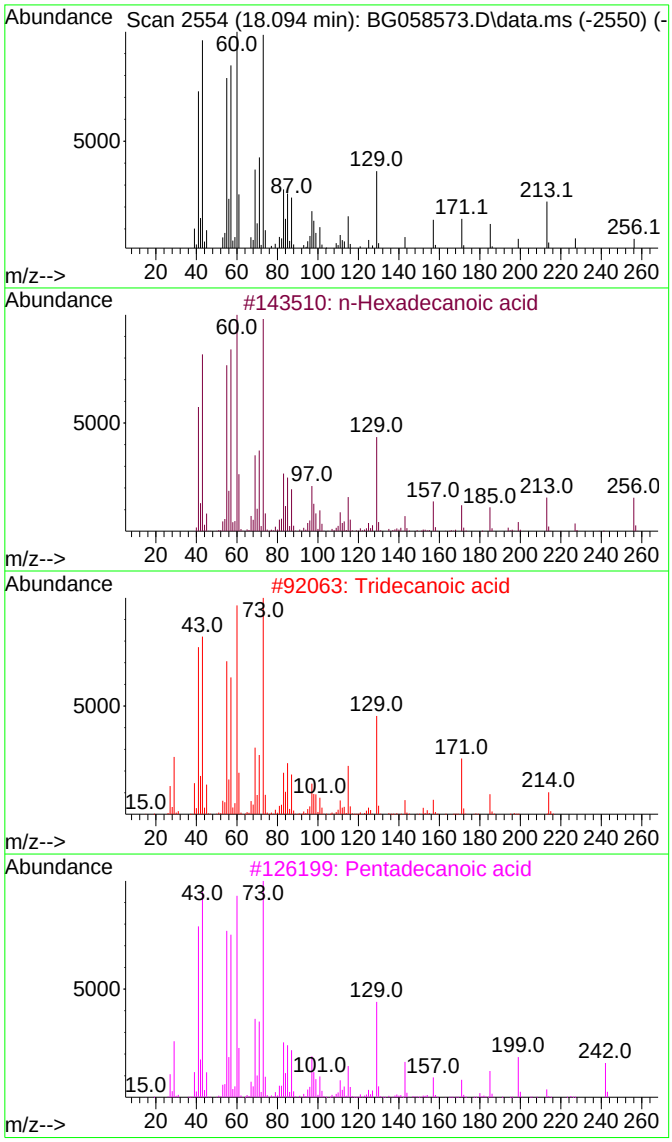
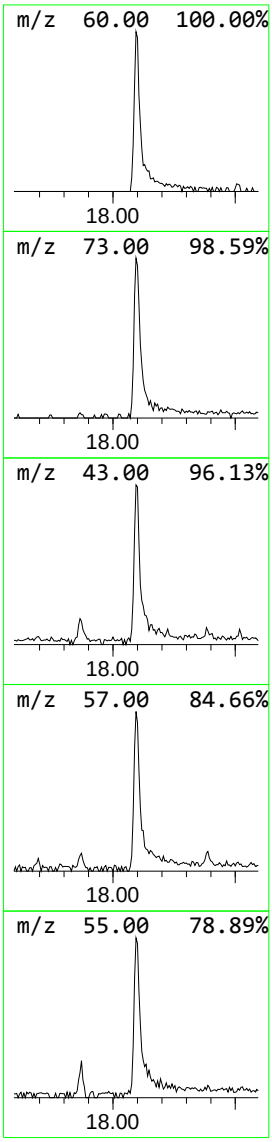
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.094	4.31 ng	169142	Phenanthrene-d10	17.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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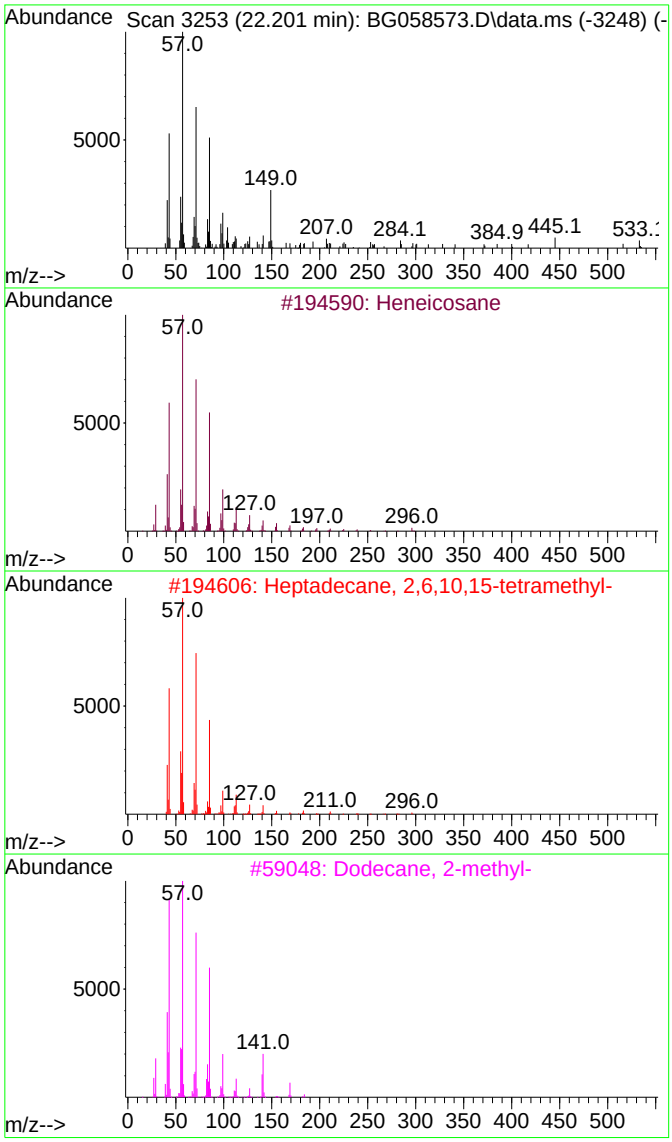
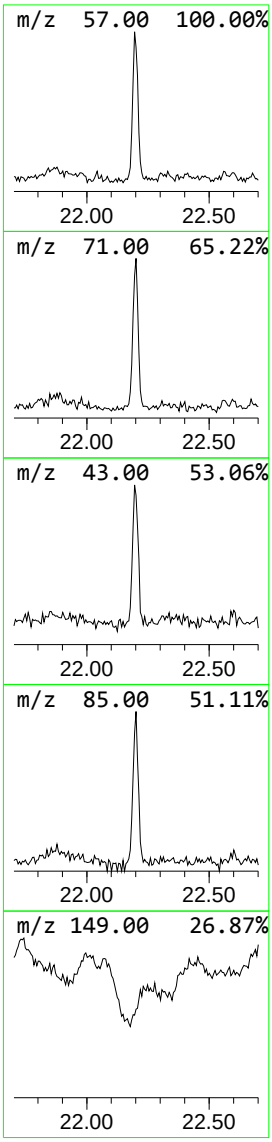
****

Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.201	2.08 ng	87093	Chrysene-d12	21.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	60
4	Hexacosane	366	C26H54	000630-01-3	53
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	53





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	7.407	2.1	ng	31851	1	7.812	303313	20.0
2,4,7,9-Tetrame...	13.353	8.6	ng	283953	3	14.463	662255	20.0
n-Hexadecanoic ...	18.094	4.3	ng	169142	4	17.207	784865	20.0
Heneicosane	22.201	2.1	ng	87093	5	21.449	837891	20.0