LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011751.D
Acq On : 20 Sep 2022 00:28
Operator : CG/JU
Sample : N4678-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
5869-1

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_P\Methods\8270E-BP091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP011751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.069	10	14	30	rVB	13356703	19840697	66.59%	14.266%
2	3.187	30	34	44	rVB	202274	302243	1.01%	0.217%
3	5.034	341	348	358	rBV	283909	453966	1.52%	0.326%
4	5.493	416	426	444	rBV	4800245	7322404	24.58%	5.265%
5	7.093	690	698	717	rBV	3554853	5700584	19.13%	4.099%
6	7.934	833	841	849	rBV	1443373	2346841	7.88%	1.687%
7	9.104	1031	1040	1050	rBV	4680049	7874472	26.43%	5.662%
8	10.746	1311	1319	1331	rBV	2148000	3646088	12.24%	2.622%
9	13.198	1728	1736	1751	rBV	12424515	19329738	64.88%	13.899%
10	14.575	1963	1970	1980	rBV	3519467	5245025	17.60%	3.771%
11	16.063	2216	2223	2240	rBV	10497717	14980413	50.28%	10.772%
12	17.328	2431	2438	2450	rVB	4539765	6266394	21.03%	4.506%
13	18.210	2583	2588	2597	rBV	334540	646955	2.17%	0.465%
14	19.439	2793	2797	2807	rBV2	232839	435770	1.46%	0.313%
15	19.880	2866	2872	2877	rBV	23977961	29794795	100.00%	21.424%
16	21.110	3077	3081	3092	rBV	804175	1266443	4.25%	0.911%
17	21.404	3126	3131	3139	rBV	5464199	6885980	23.11%	4.951%
18	23.857	3541	3548	3562	rVB	3337163	6734439	22.60%	4.842%

Sum of corrected areas: 139073247

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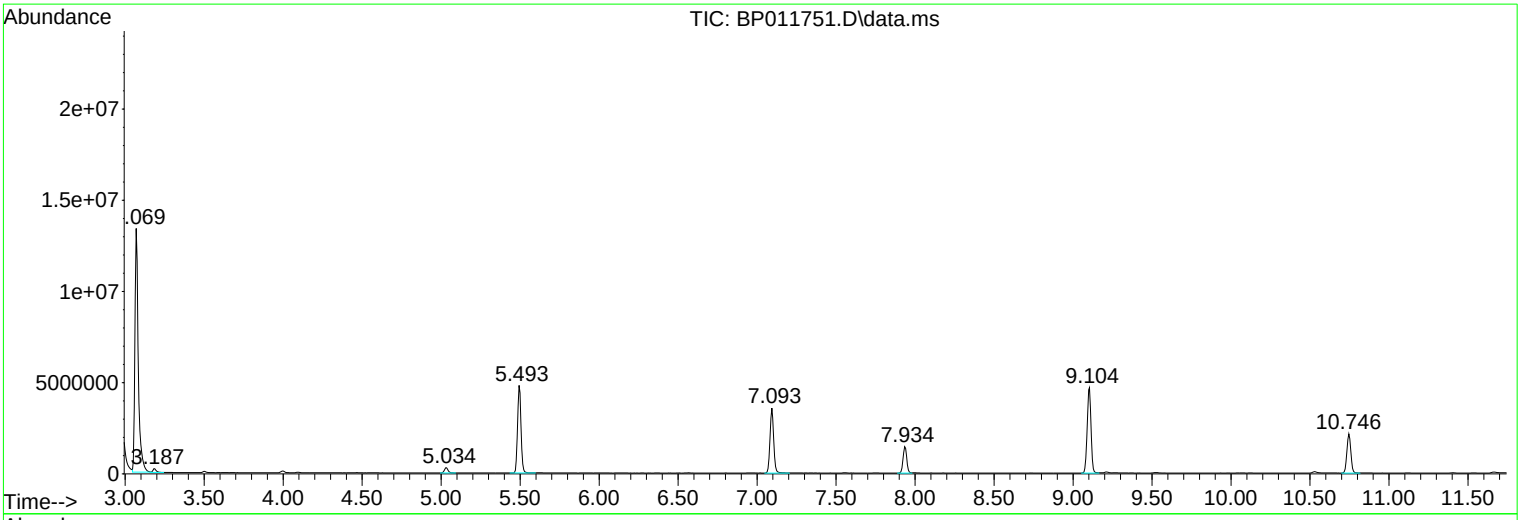
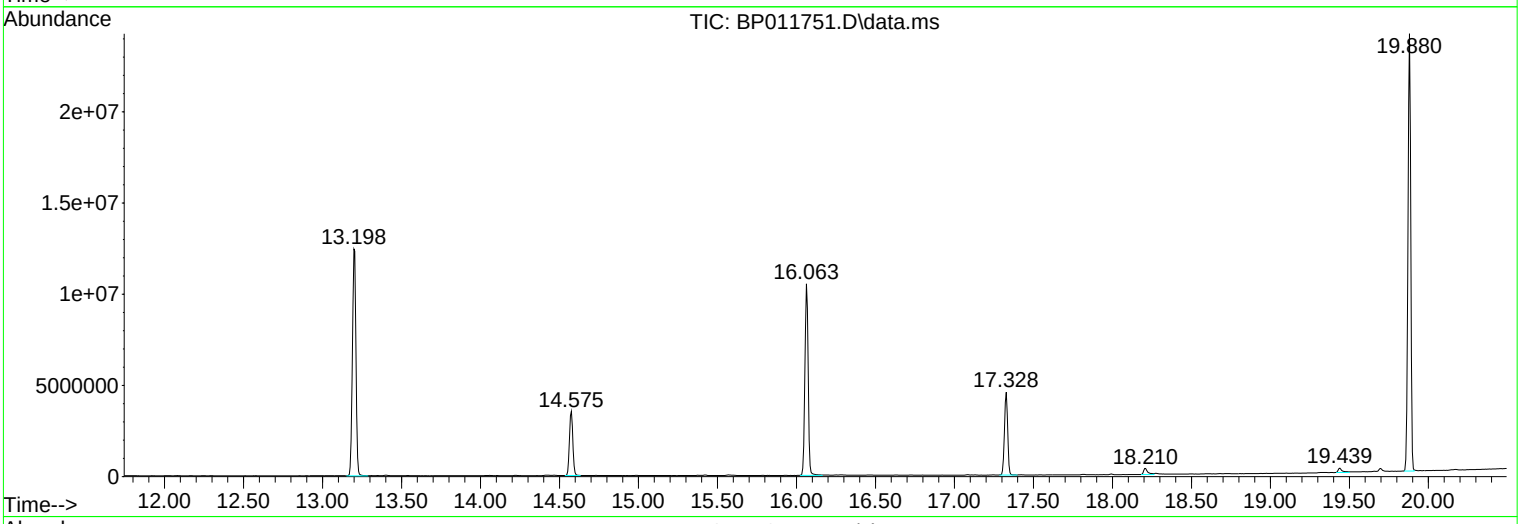
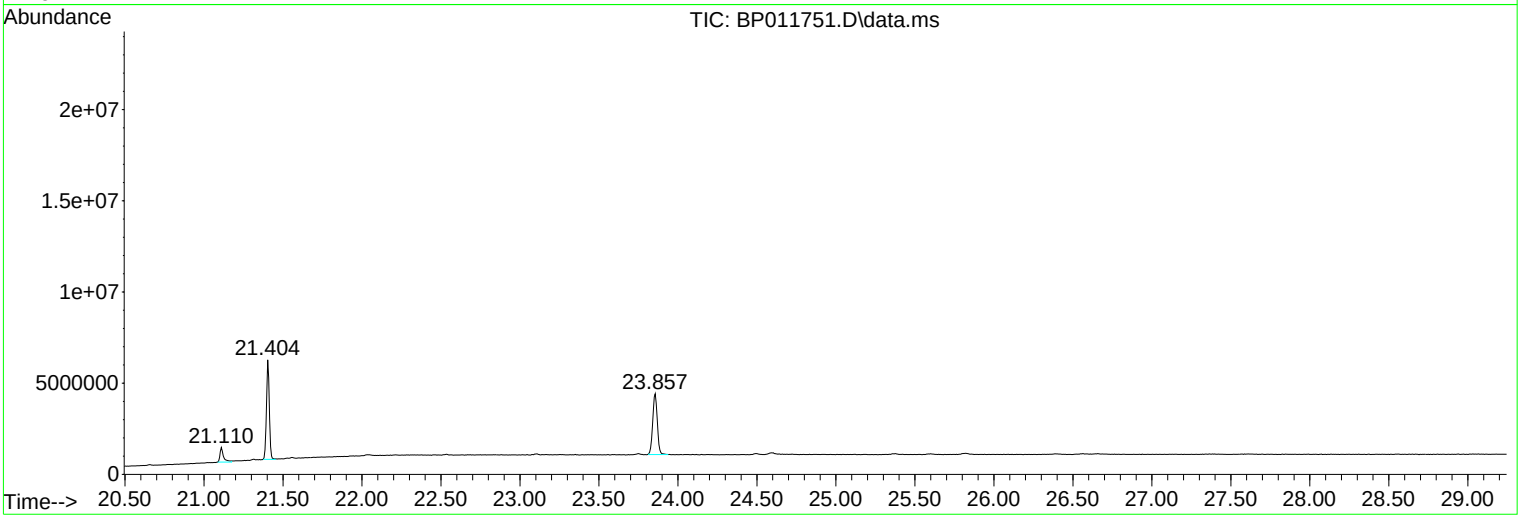
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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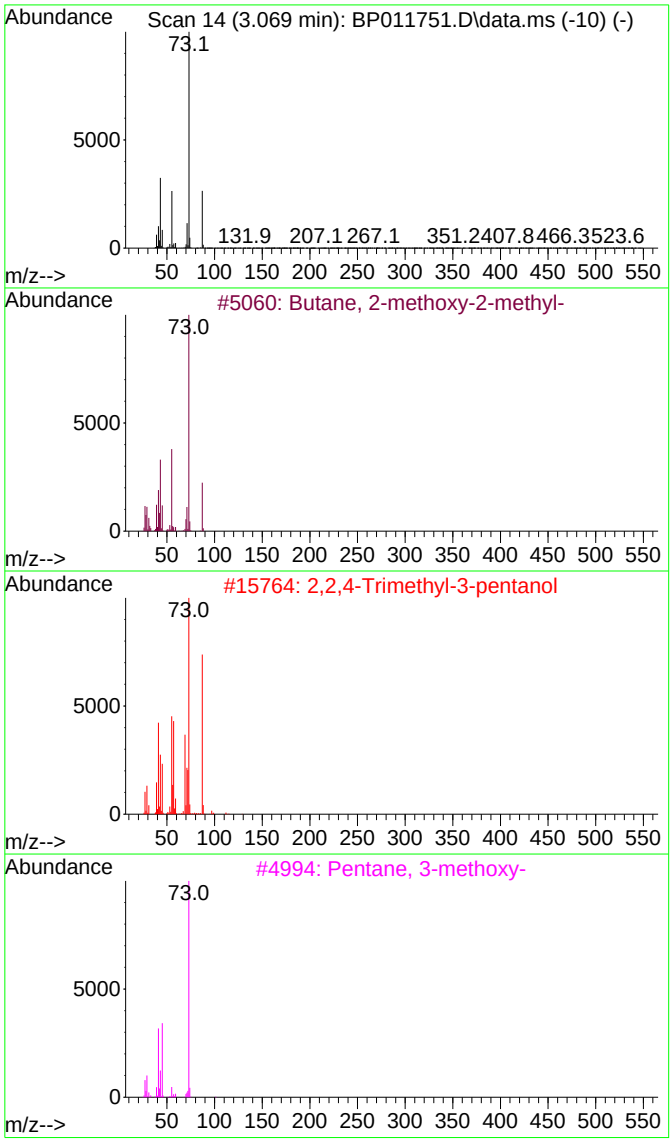
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

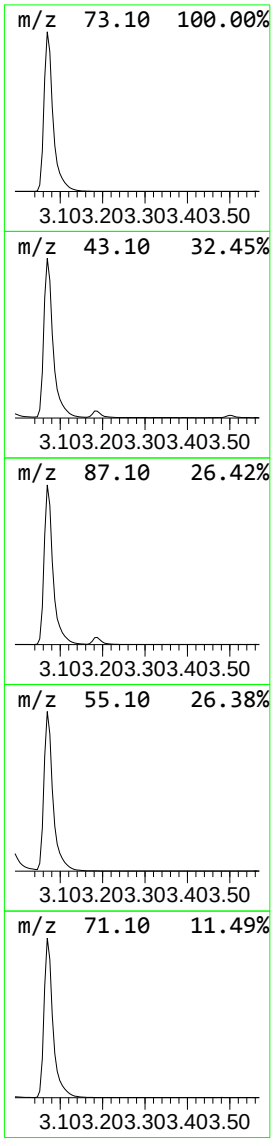
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.069	169.08 ng	19840700	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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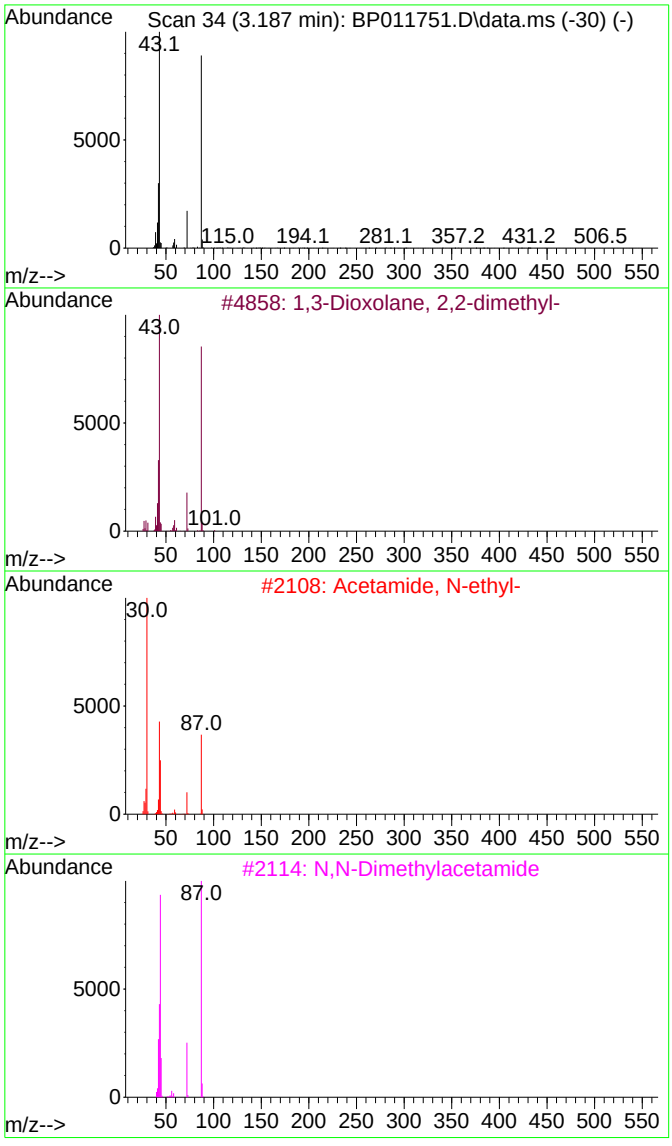
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

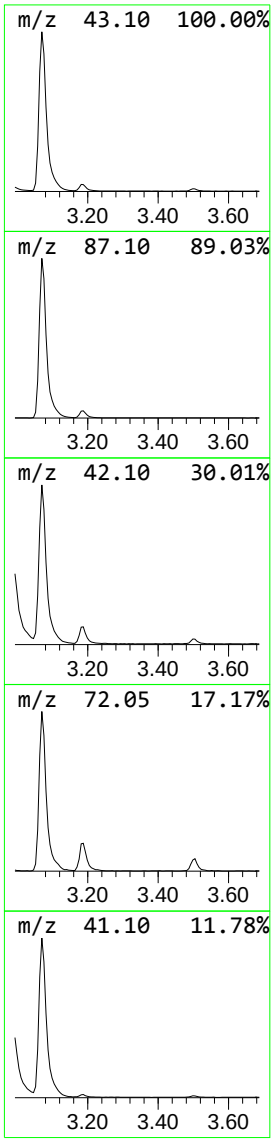
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Dioxolane, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.187	2.58 ng	302243	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	83
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	72
3	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	38
4	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	9
5	2,2-Diethylacetamide	115	C6H13NO	001114-38-1	9





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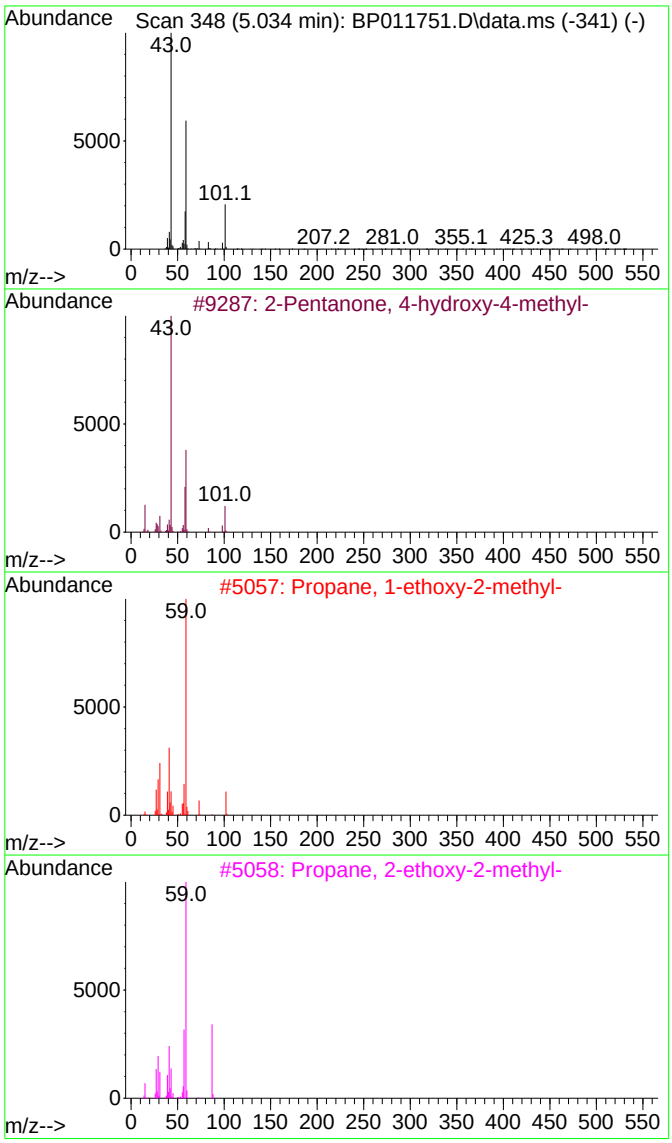
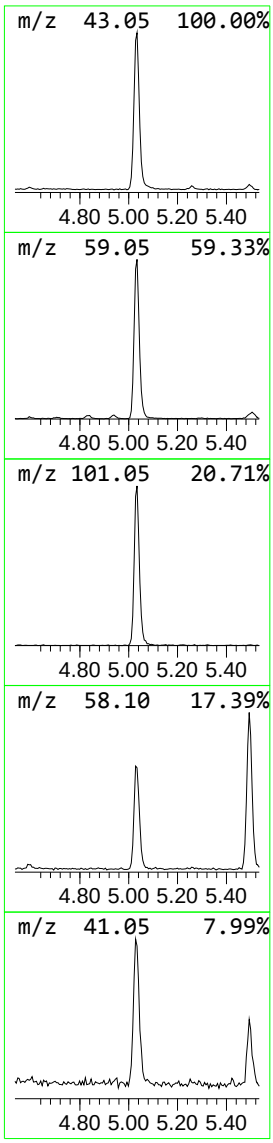
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	3.87 ng	453966	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	9
5	Guanidine	59	CH5N3	000113-00-8	9





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TIC Library : C:\Database\NIST20.L
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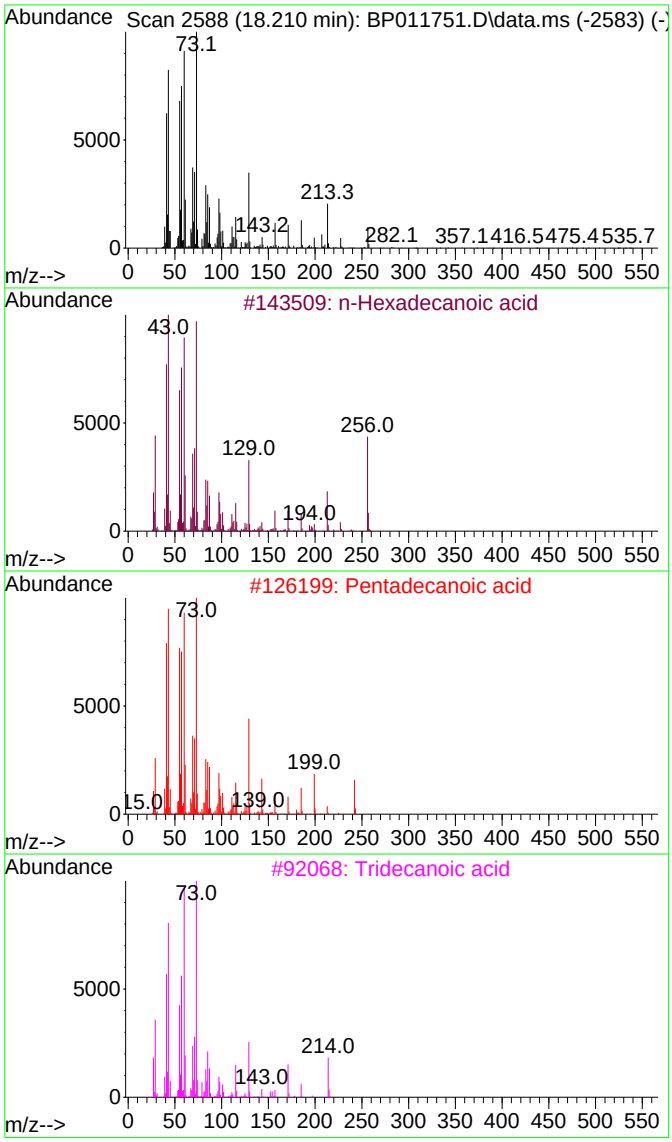
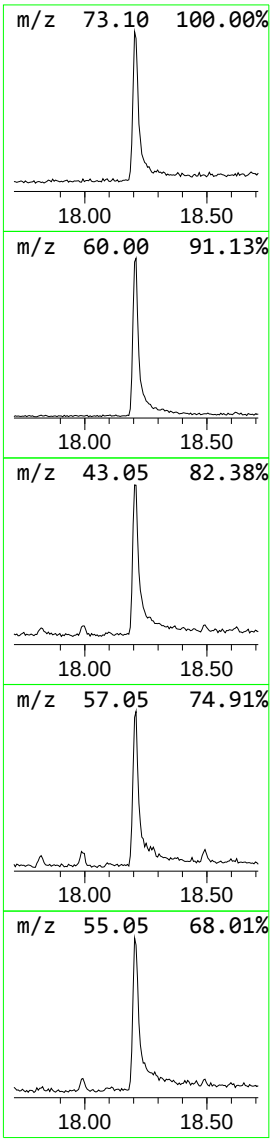
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	2.06 ng	646955	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	53





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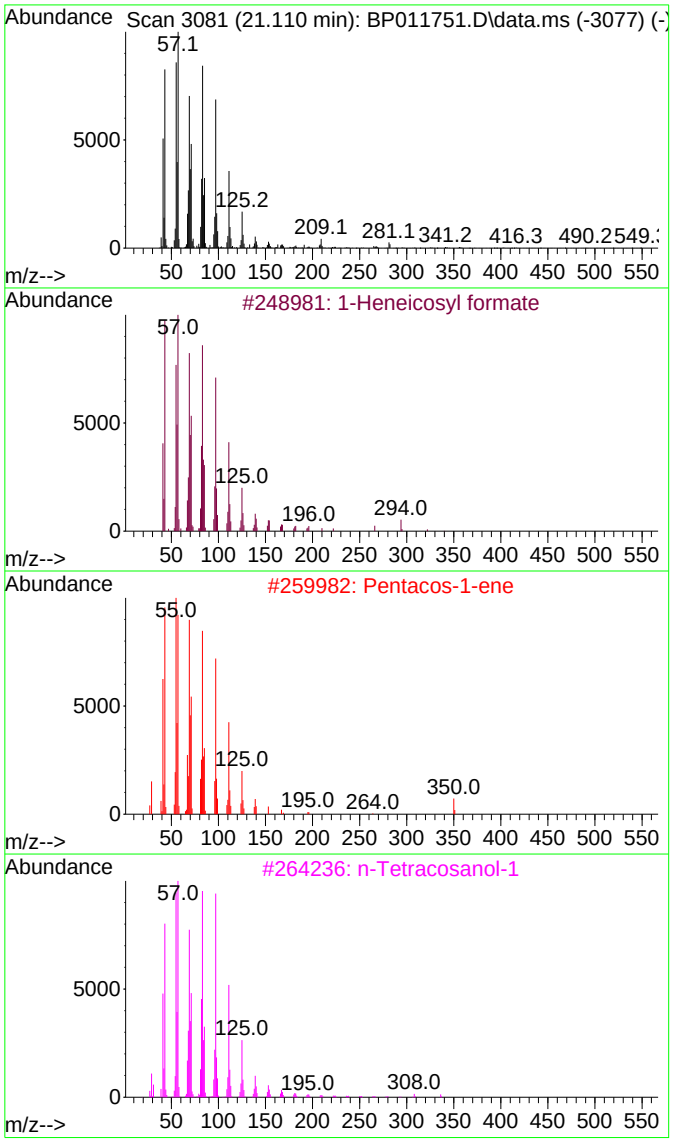
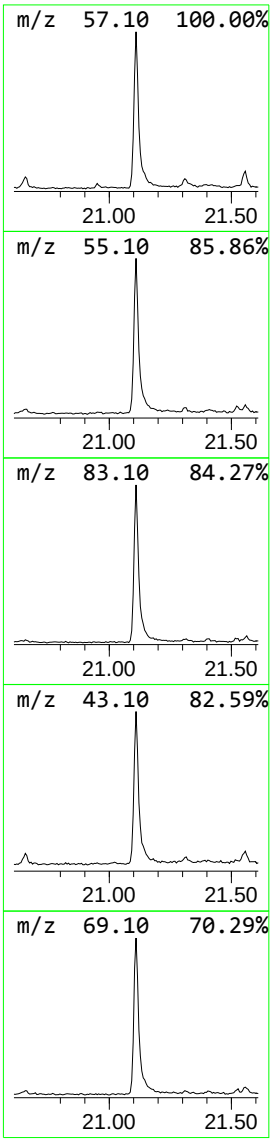
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	3.68 ng	1266440	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	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...	3.069	169.1	ng	19840700	1	7.934	2346840	20.0
1,3-Dioxolane, ...	3.187	2.6	ng	302243	1	7.934	2346840	20.0
2-Pentanone, 4-...	5.034	3.9	ng	453966	1	7.934	2346840	20.0
n-Hexadecanoic ...	18.210	2.1	ng	646955	4	17.328	6266390	20.0
1-Heneicosyl fo...	21.110	3.7	ng	1266440	5	21.404	6885980	20.0