LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006725.D
Acq On : 17 Aug 2021 19:12
Operator : CG/JU
Sample : M3391-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FRAC-TANK-F06031

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-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006725.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.852	296	300	311	rVB	102488	153204	1.64%	0.341%
2	5.305	371	377	386	rVB	1774140	2554966	27.37%	5.684%
3	6.881	639	645	655	rVB	1074303	1693222	18.14%	3.767%
4	7.699	778	784	793	rVB	732967	1142527	12.24%	2.542%
5	8.863	974	982	994	rVB	2186665	3676940	39.40%	8.180%
6	10.281	1217	1223	1238	rVB	212201	394369	4.23%	0.877%
7	10.487	1250	1258	1266	rVB	1009823	1667461	17.87%	3.710%
8	11.140	1362	1369	1377	rBV	89787	161966	1.74%	0.360%
9	12.963	1672	1679	1691	rBV	5034017	7408733	79.38%	16.483%
10	14.340	1905	1913	1922	rBV	1344763	2026301	21.71%	4.508%
11	15.839	2158	2168	2179	rBV	4023113	5541372	59.37%	12.328%
12	17.098	2376	2382	2389	rBV	1574893	2276147	24.39%	5.064%
13	17.781	2493	2498	2504	rBV2	69511	128178	1.37%	0.285%
14	18.010	2533	2537	2545	rBV	536204	794351	8.51%	1.767%
15	19.251	2744	2748	2757	rBV	353424	536688	5.75%	1.194%
16	19.680	2816	2821	2829	rBV	7621343	9333368	100.00%	20.765%
17	20.939	3031	3035	3044	rBV	361924	499857	5.36%	1.112%
18	21.204	3075	3080	3085	rBV	1996854	2408899	25.81%	5.359%
19	23.516	3466	3473	3484	rVB2	1336075	2549171	27.31%	5.671%

Sum of corrected areas: 44947720

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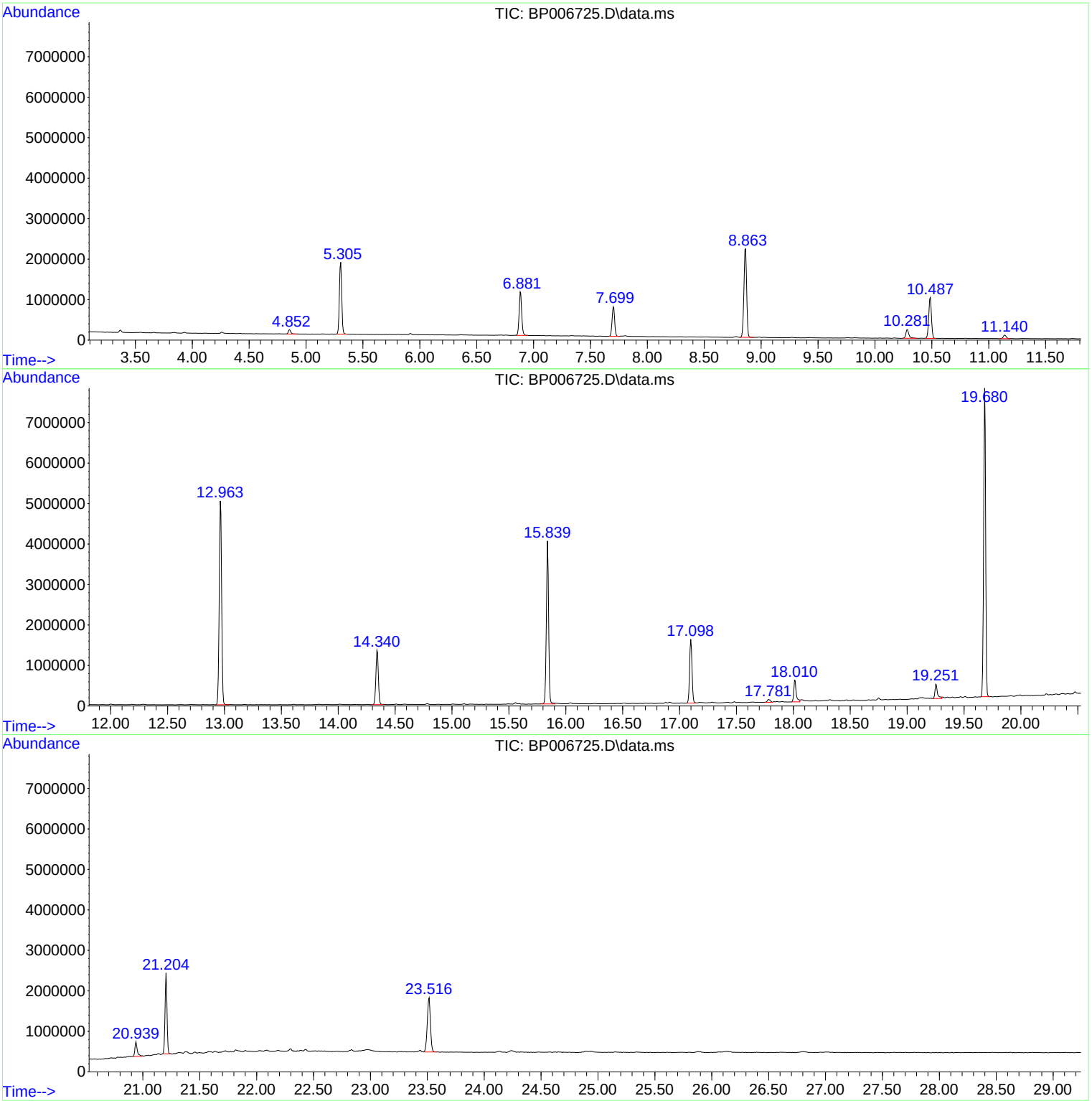
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-F06031

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.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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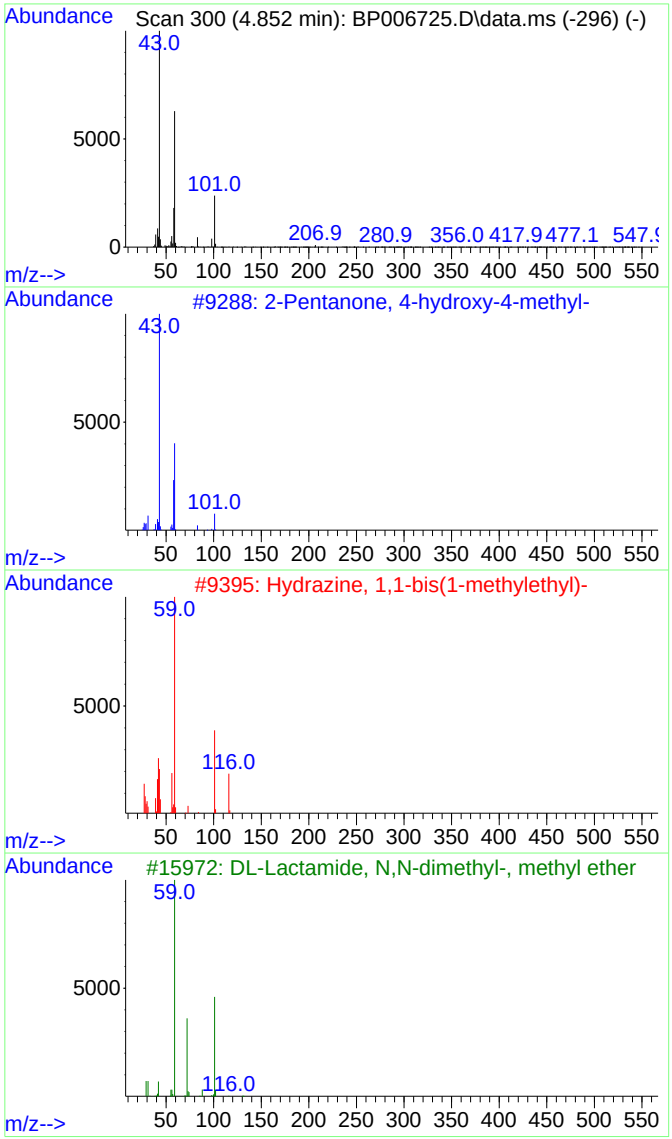
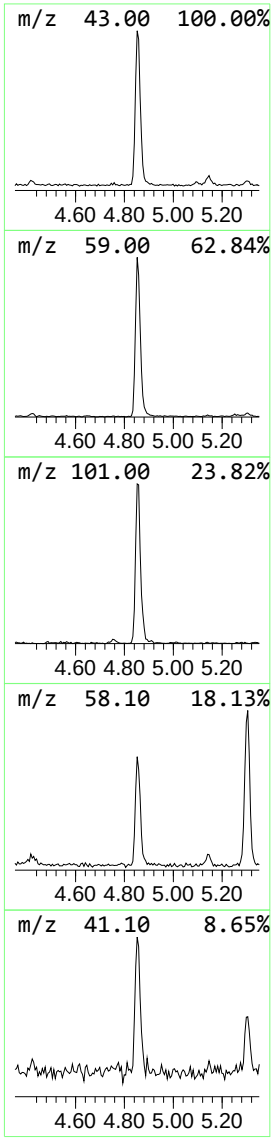
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.852	2.68 ng	153204	1,4-Dichlorobenzene-d4	7.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17





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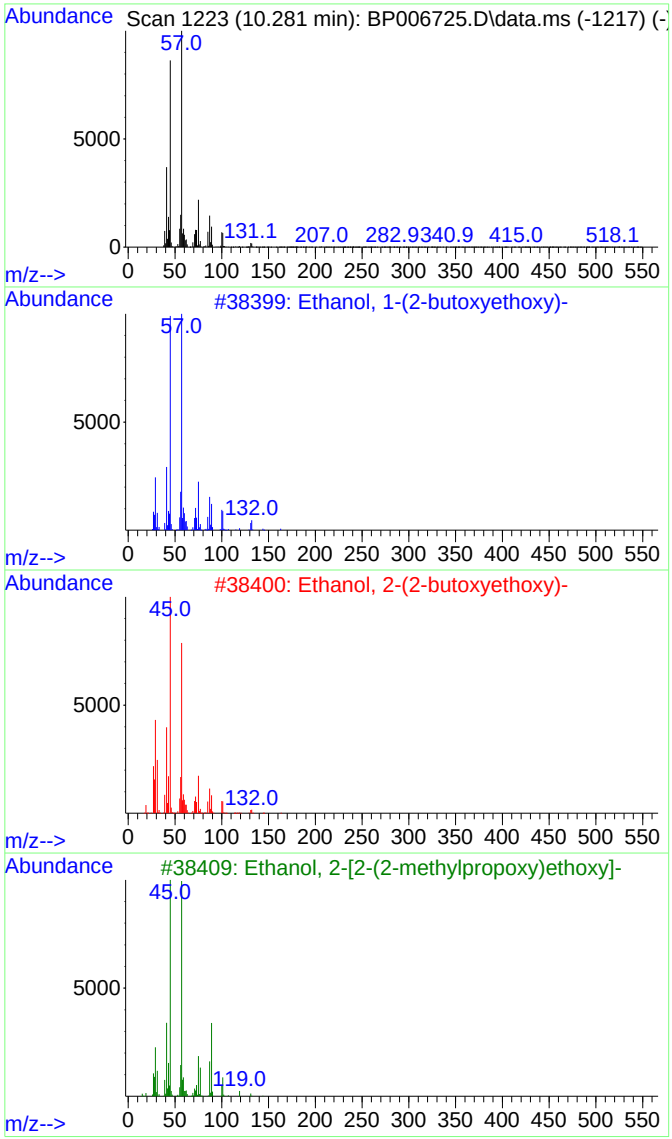
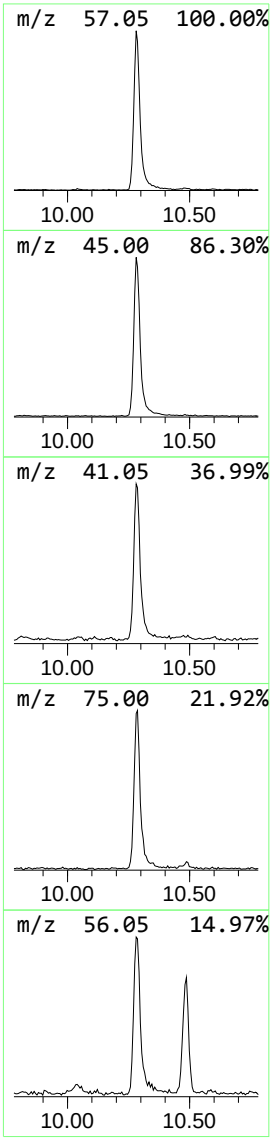
****
Peak Number 2 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	4.73 ng	394369	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	15-Crown-5	220	C10H20O5	033100-27-5	50





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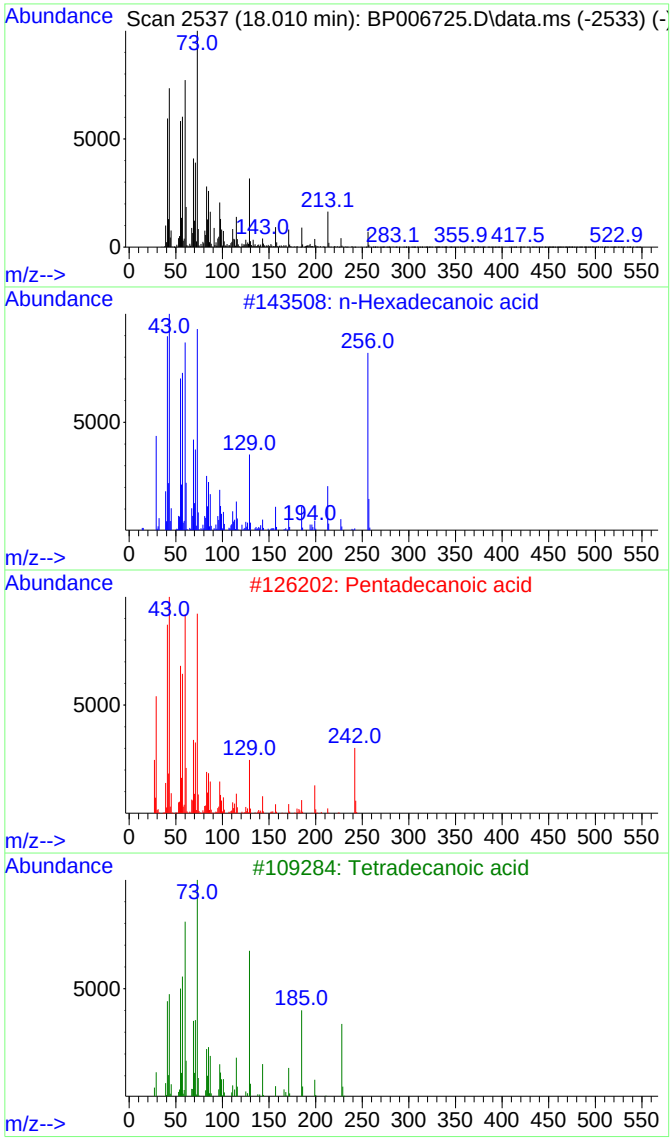
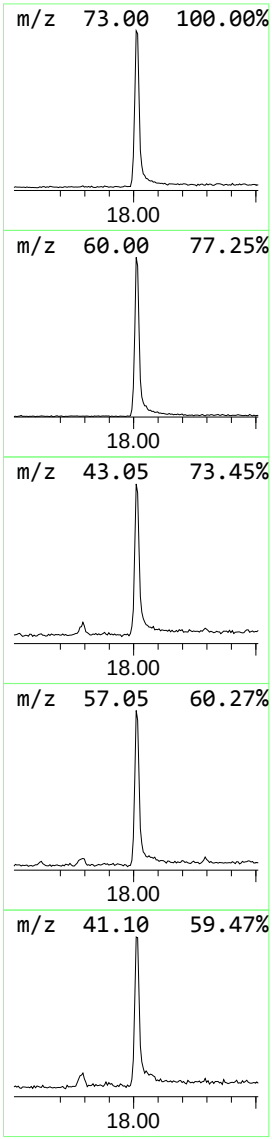
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	6.98 ng	794351	Phenanthrene-d10	17.098

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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Instrument :
BNA_P
ClientSampleId :
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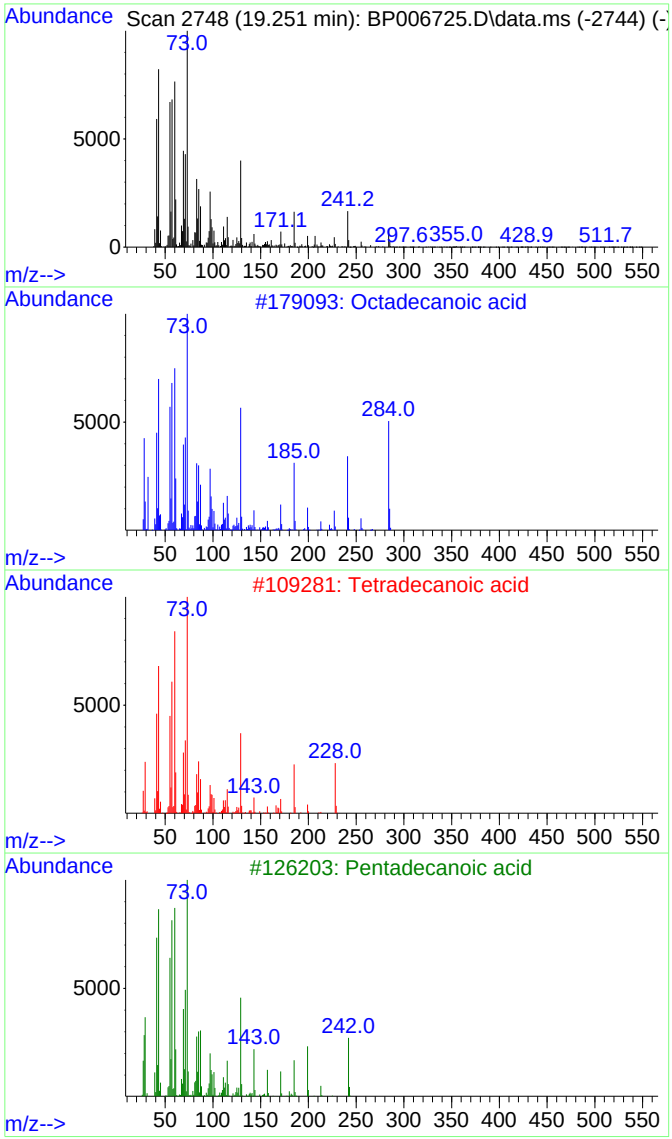
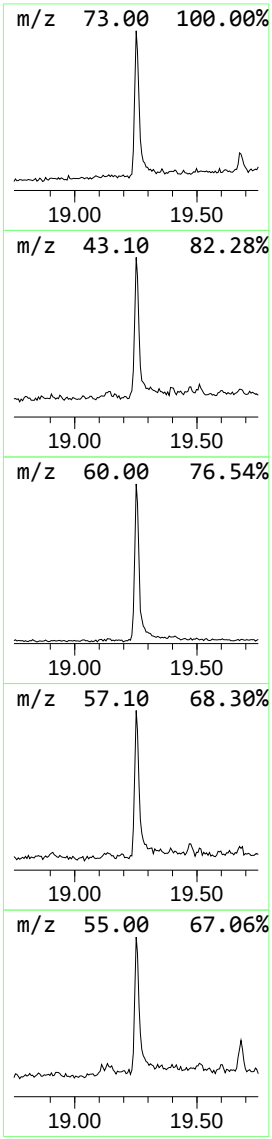
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	4.46 ng	536688	Chrysene-d12	21.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91





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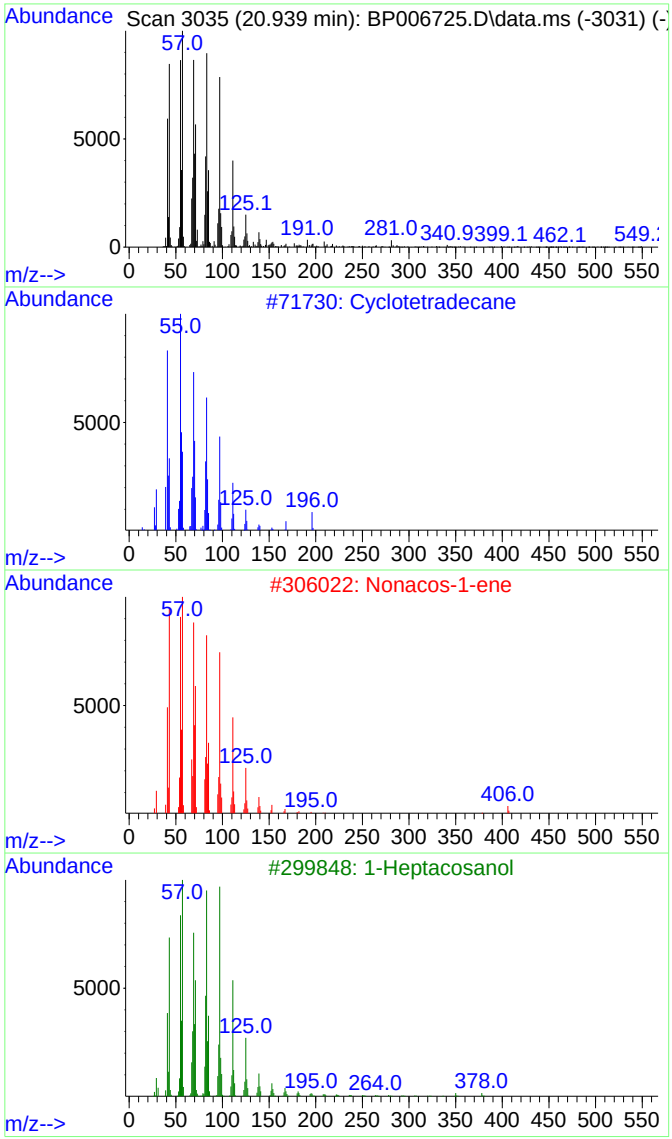
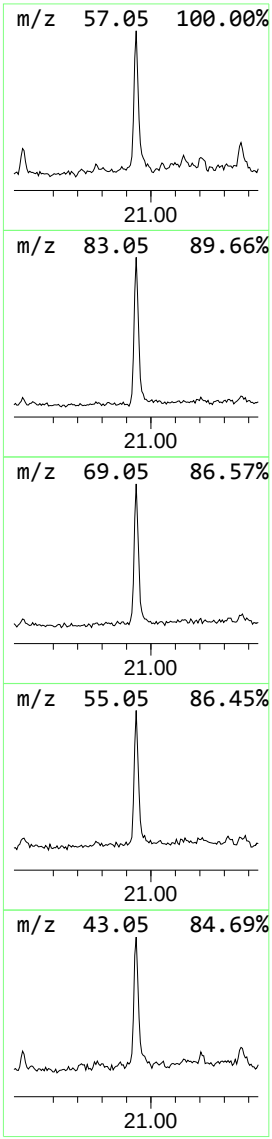
****

Peak Number 5 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	4.15 ng	499857	Chrysene-d12	21.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Nonacos-1-ene	406	C29H58	018835-35-3	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.852	2.7	ng	153204	1	7.699	1142530	20.0
Ethanol, 1-(2-b...	10.281	4.7	ng	394369	2	10.487	1667460	20.0
n-Hexadecanoic ...	18.010	7.0	ng	794351	4	17.098	2276150	20.0
Octadecanoic acid	19.251	4.5	ng	536688	5	21.204	2408900	20.0
Cyclotetradecane	20.939	4.2	ng	499857	5	21.204	2408900	20.0