LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006746.D
Acq On : 18 Aug 2021 15:48
Operator : CG/JU
Sample : M3431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 6

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: BP006746.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	307	rVB	115258	161357	2.61%	0.365%
2	5.305	371	377	389	rVB	3463330	4831858	78.18%	10.934%
3	6.887	639	646	661	rVB	3194036	4947181	80.05%	11.195%
4	7.699	778	784	791	rVB	994393	1530510	24.76%	3.463%
5	8.857	974	981	991	rBV	2023048	3321110	53.74%	7.516%
6	9.422	1071	1077	1091	rVB3	30213	92567	1.50%	0.209%
7	10.281	1217	1223	1242	rBV	406008	773853	12.52%	1.751%
8	10.481	1250	1257	1265	rVB	1213452	2033196	32.90%	4.601%
9	12.963	1671	1679	1692	rBV	4173308	6027571	97.53%	13.640%
10	14.339	1903	1913	1922	rBV	1370026	2058070	33.30%	4.657%
11	15.839	2159	2168	2179	rBV	2412352	3430776	55.51%	7.764%
12	16.081	2204	2209	2217	rBV	57502	126037	2.04%	0.285%
13	16.875	2340	2344	2349	rBV2	61095	79980	1.29%	0.181%
14	16.928	2349	2353	2360	rVB3	37492	64001	1.04%	0.145%
15	17.098	2376	2382	2388	rBV	1386532	1949350	31.54%	4.411%
16	17.622	2467	2471	2477	rBV	50161	67183	1.09%	0.152%
17	17.792	2496	2500	2505	rBV	60605	73251	1.19%	0.166%
18	18.010	2533	2537	2546	rBV	243980	401428	6.50%	0.908%
19	18.298	2582	2586	2592	rBV	56030	67183	1.09%	0.152%
20	19.122	2722	2726	2732	rBV	217640	276325	4.47%	0.625%
21	19.251	2745	2748	2755	rBV2	114104	175449	2.84%	0.397%
22	19.474	2782	2786	2791	rVB	229754	281536	4.56%	0.637%
23	19.680	2816	2821	2831	rVB	5222164	6180183	100.00%	13.985%
24	20.945	3032	3036	3041	rBV3	287546	443418	7.17%	1.003%
25	21.204	3075	3080	3084	rBV	1739408	2452129	39.68%	5.549%
26	23.521	3468	3474	3481	rVB2	1259296	2344588	37.94%	5.306%

Sum of corrected areas: 44190090

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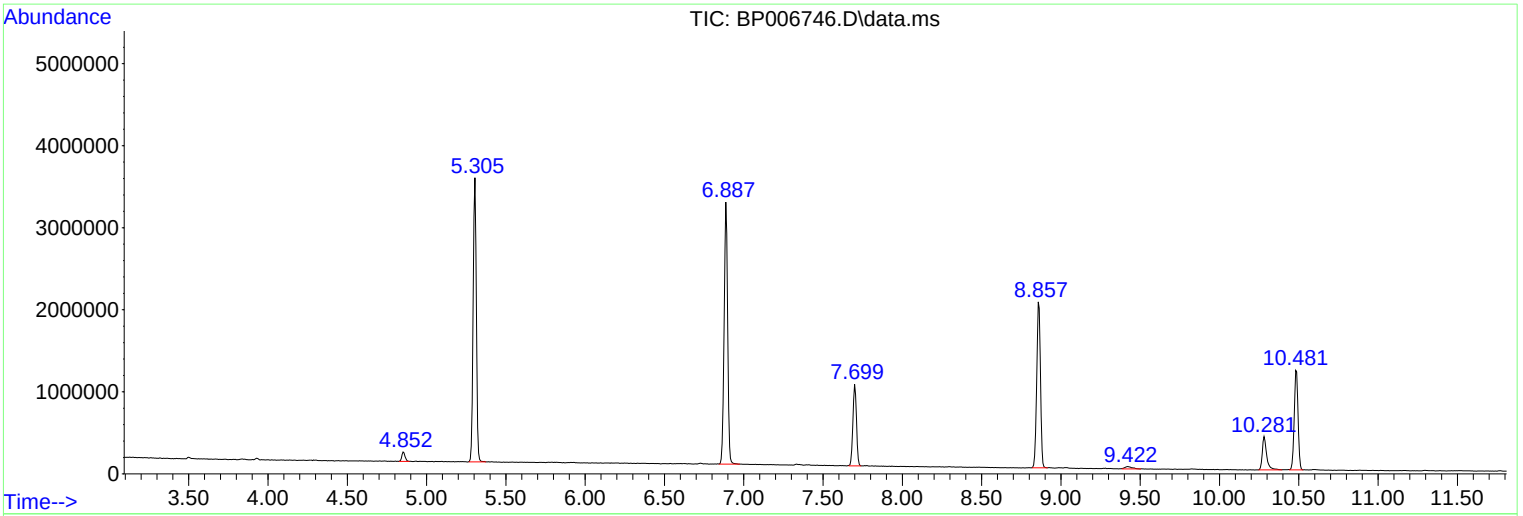
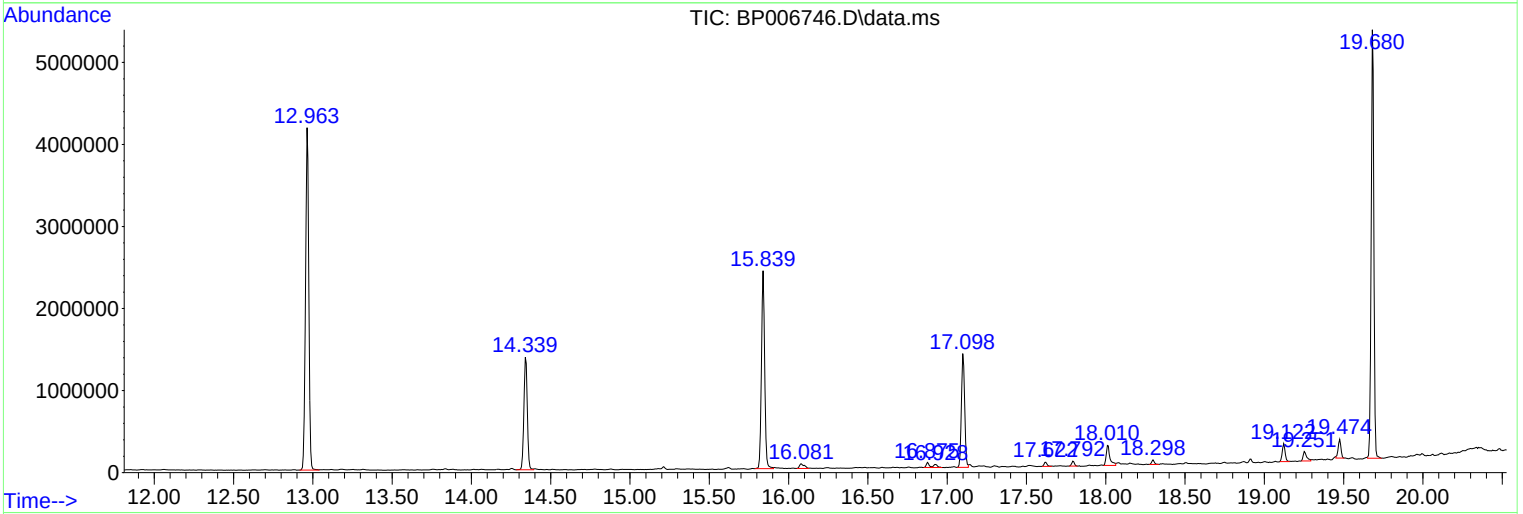
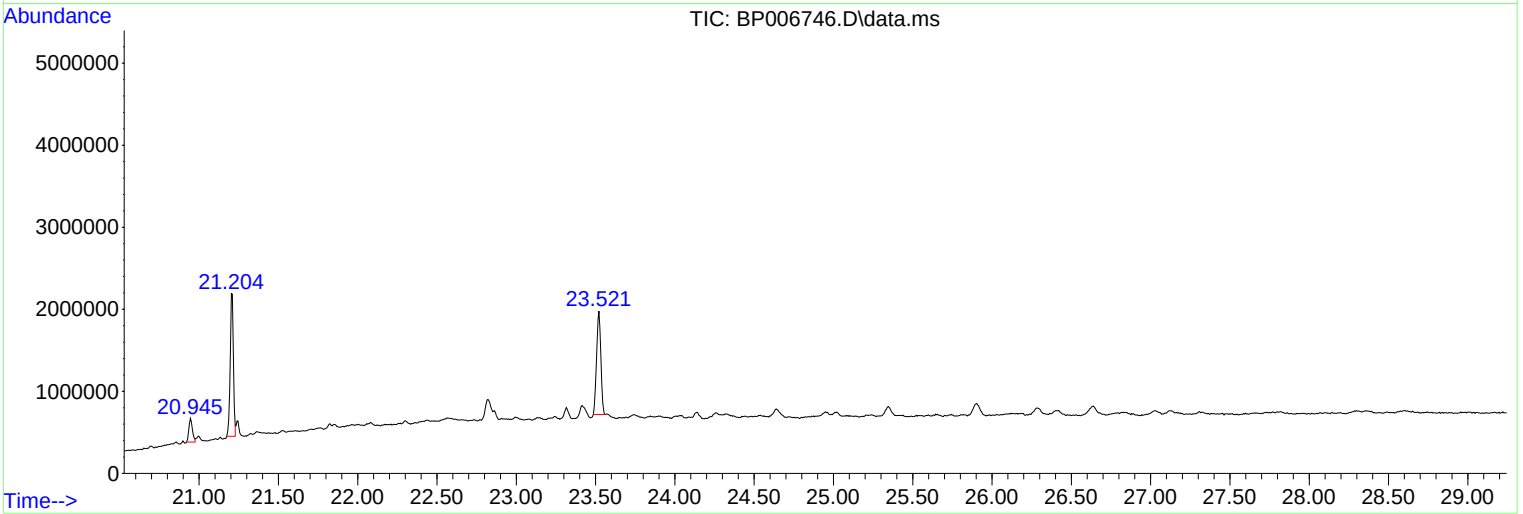
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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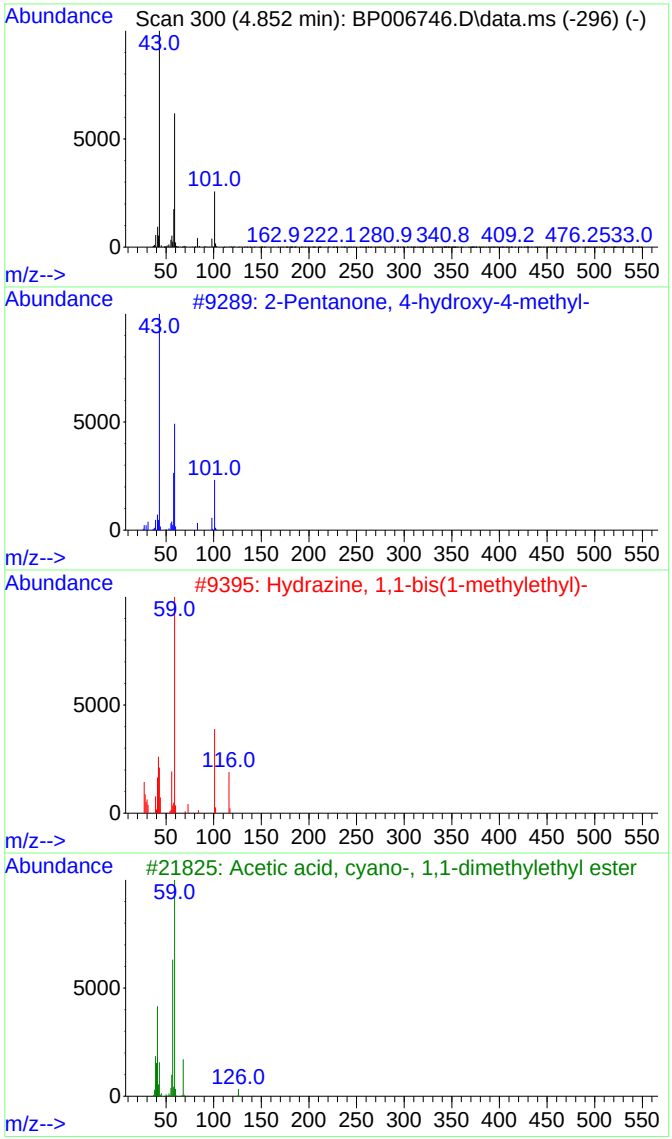
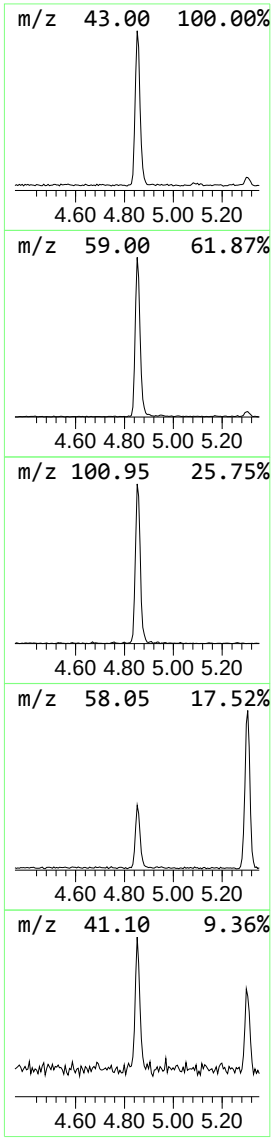
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.852	2.11 ng	161357	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	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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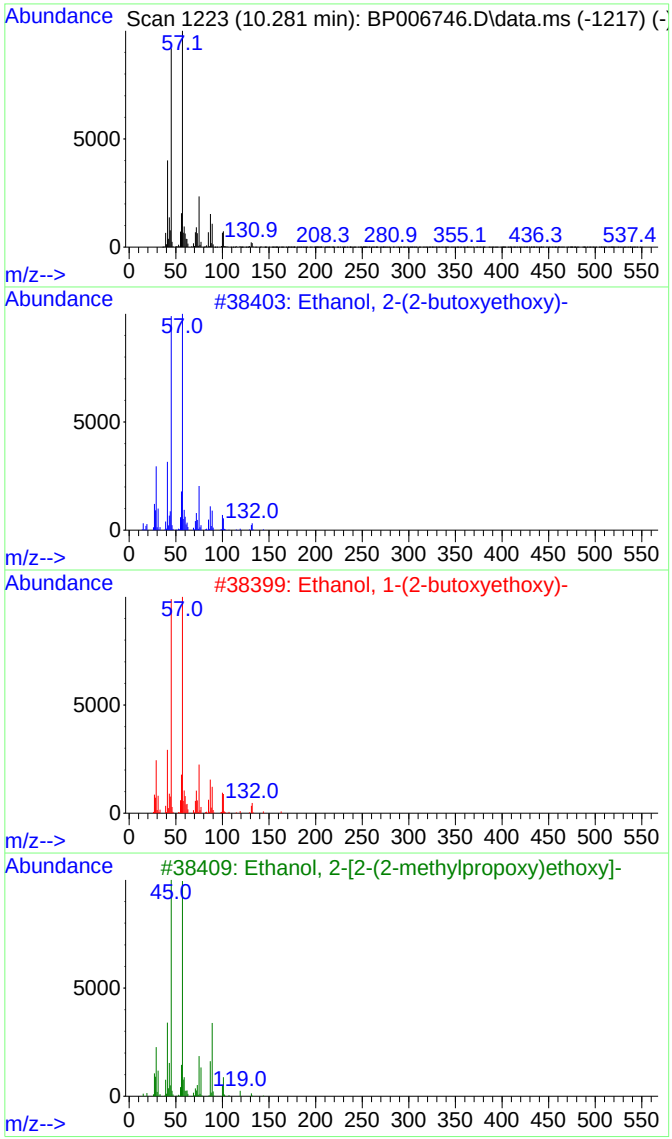
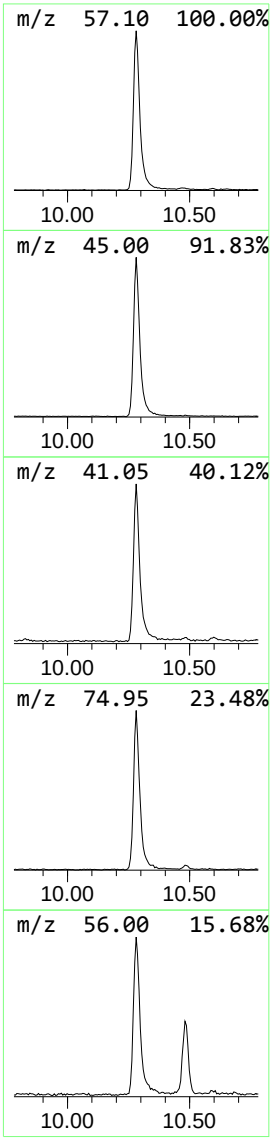
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	7.61 ng	773853	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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Instrument :
BNA_P
ClientSampleId :
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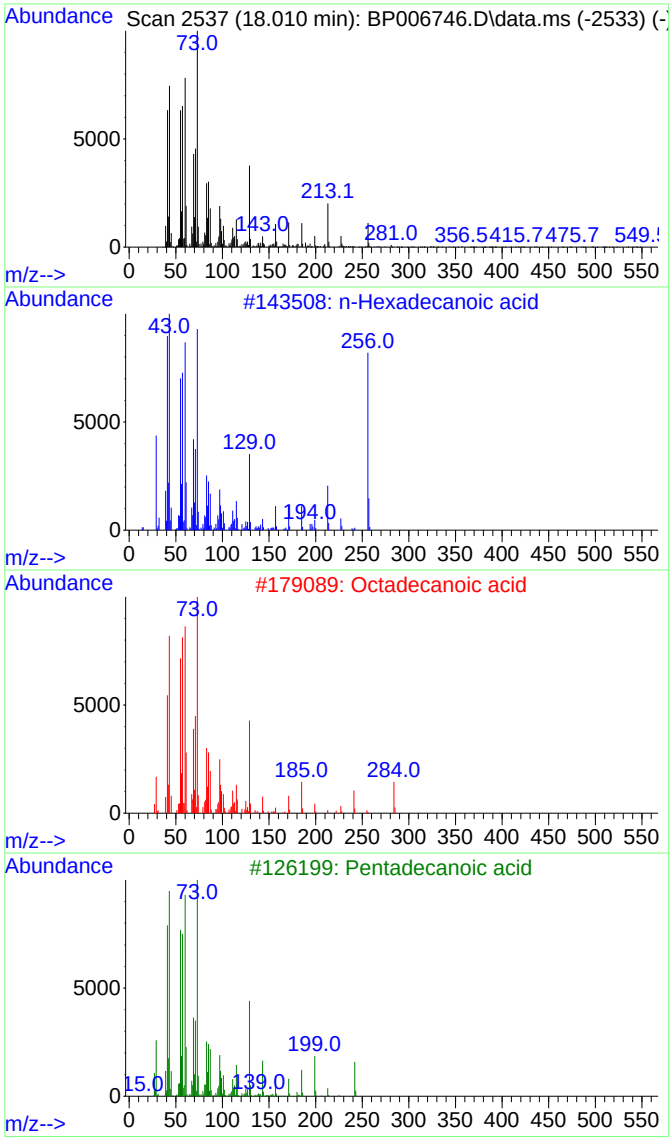
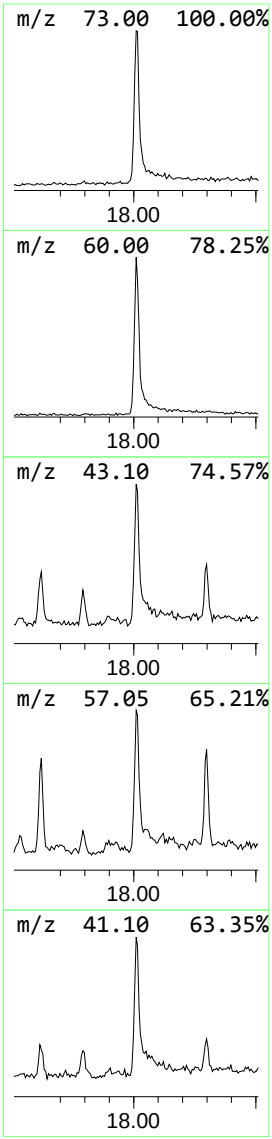
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	4.12 ng	401428	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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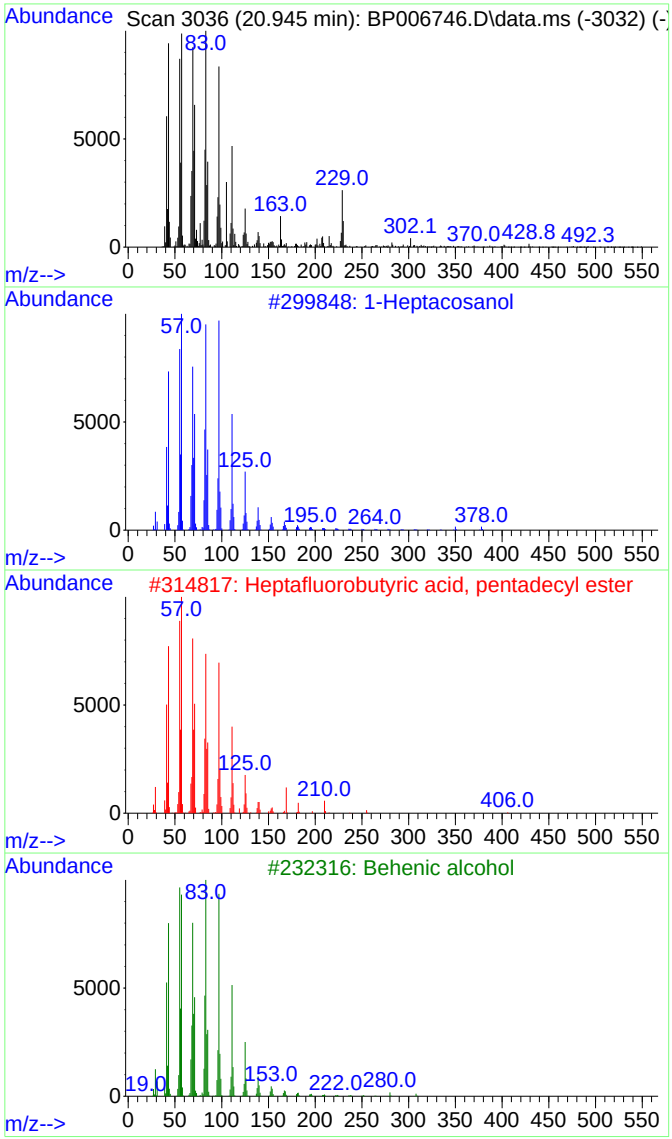
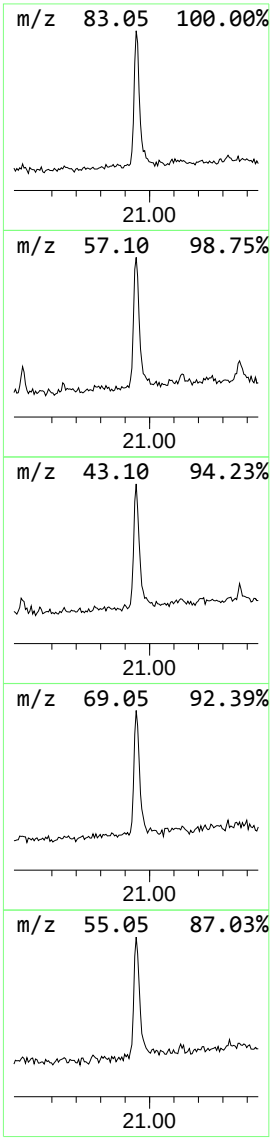
****

Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.945	3.62 ng	443418	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Octacosanol	410	C28H58O	000557-61-9	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.852	2.1	ng	161357	1	7.699	1530510	20.0
Ethanol, 2-(2-b...	10.281	7.6	ng	773853	2	10.487	2033200	20.0
n-Hexadecanoic ...	18.010	4.1	ng	401428	4	17.098	1949350	20.0
1-Heptacosanol	20.945	3.6	ng	443418	5	21.210	2452130	20.0