LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013944.D
Acq On : 03 Mar 2023 14:50
Operator : CG/JU
Sample : 01764-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-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-BP021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013944.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.158	329	335	344	rBV	657799	941553	15.97%	3.265%
2	5.628	408	415	430	rBV	1651444	2466665	41.84%	8.553%
3	7.246	682	690	705	rBV	1494508	2462595	41.77%	8.538%
4	8.093	827	834	842	rBV	429394	699742	11.87%	2.426%
5	9.263	1024	1033	1045	rBV	951322	1586549	26.91%	5.501%
6	10.916	1306	1314	1323	rBV	519354	860501	14.59%	2.984%
7	13.351	1720	1728	1743	rBV	2416342	3583987	60.79%	12.427%
8	14.728	1954	1962	1978	rBV	691878	1063403	18.04%	3.687%
9	16.081	2187	2192	2199	rBV	67474	100009	1.70%	0.347%
10	16.216	2208	2215	2236	rBV	1972680	2936110	49.80%	10.180%
11	17.481	2424	2430	2436	rBV	947765	1326083	22.49%	4.598%
12	18.339	2571	2576	2587	rBV	289161	494904	8.39%	1.716%
13	19.475	2766	2769	2775	rVB	47789	62415	1.06%	0.216%
14	19.563	2780	2784	2796	rBV2	120351	208176	3.53%	0.722%
15	20.016	2856	2861	2871	rBV	4948159	5896103	100.00%	20.443%
16	21.228	3063	3067	3080	rBV	404114	675546	11.46%	2.342%
17	21.557	3118	3123	3129	rBV	1212737	1711880	29.03%	5.936%
18	24.104	3550	3556	3567	rVB	856461	1764951	29.93%	6.120%

Sum of corrected areas: 28841172

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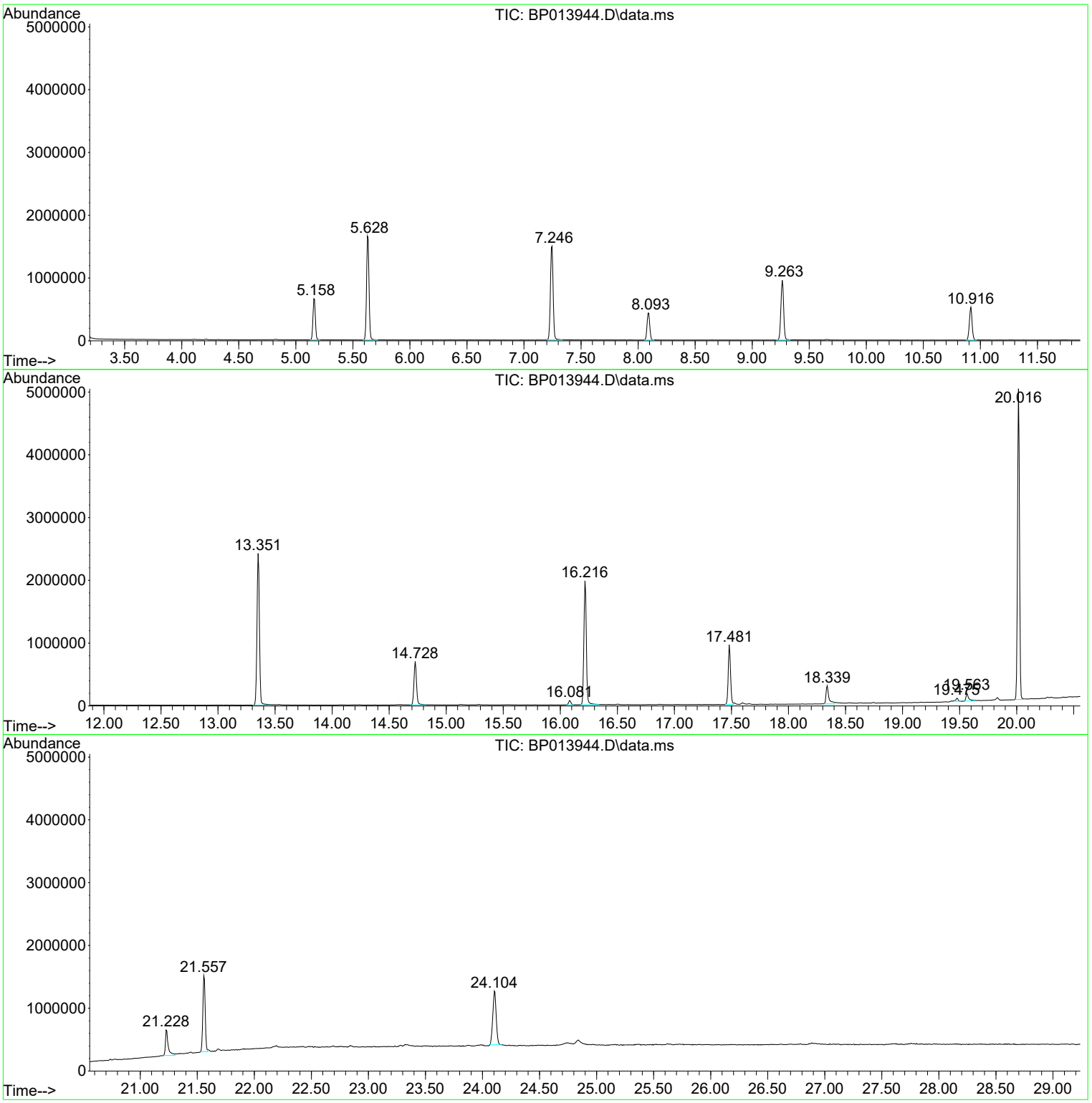
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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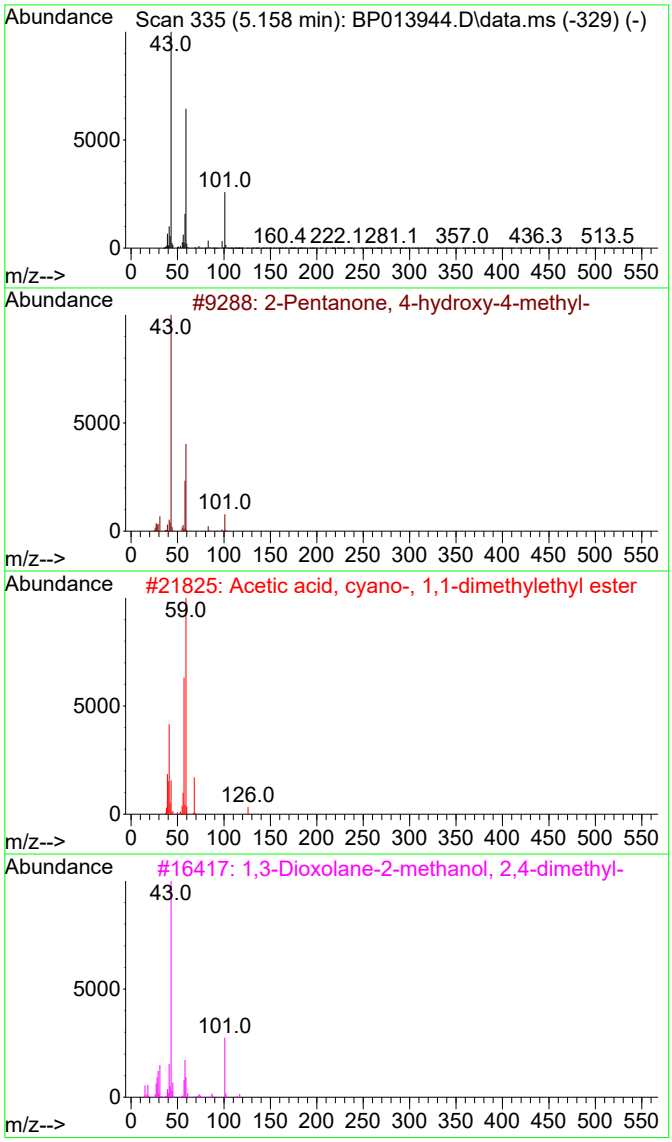
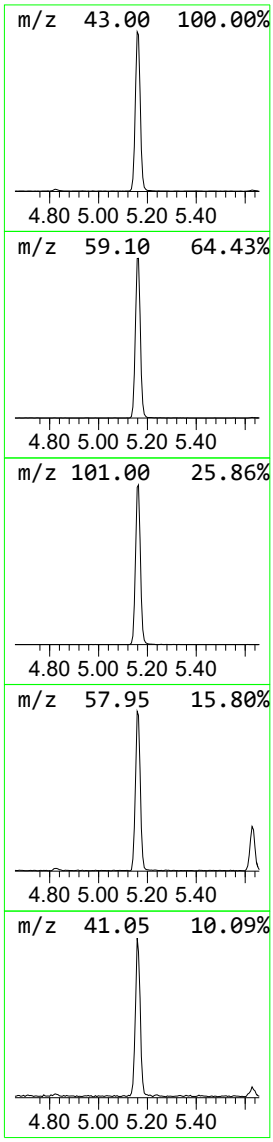
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.158	26.91 ng	941553	1,4-Dichlorobenzene-d4	8.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	1,2-Butanediol	90	C4H10O2	000584-03-2	17





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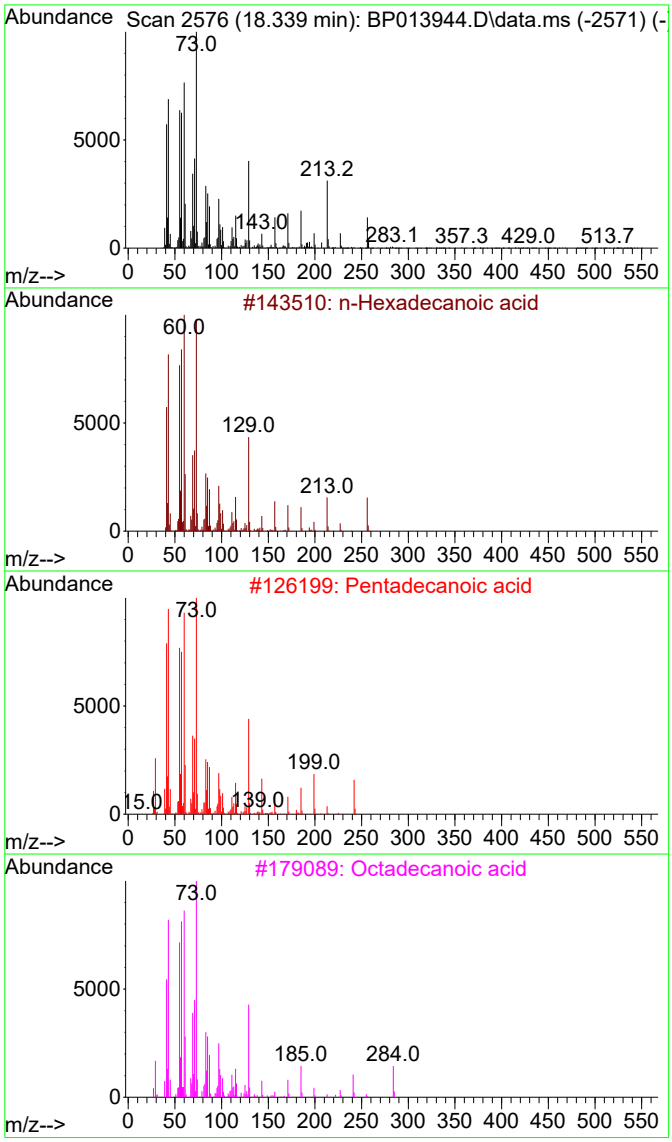
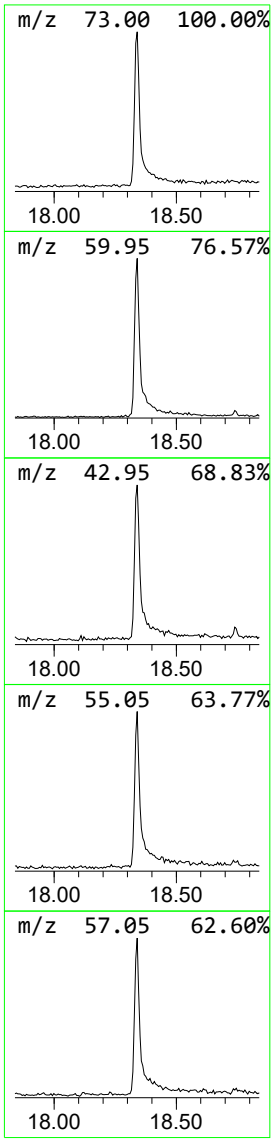
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	7.46 ng	494904	Phenanthrene-d10	17.481

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	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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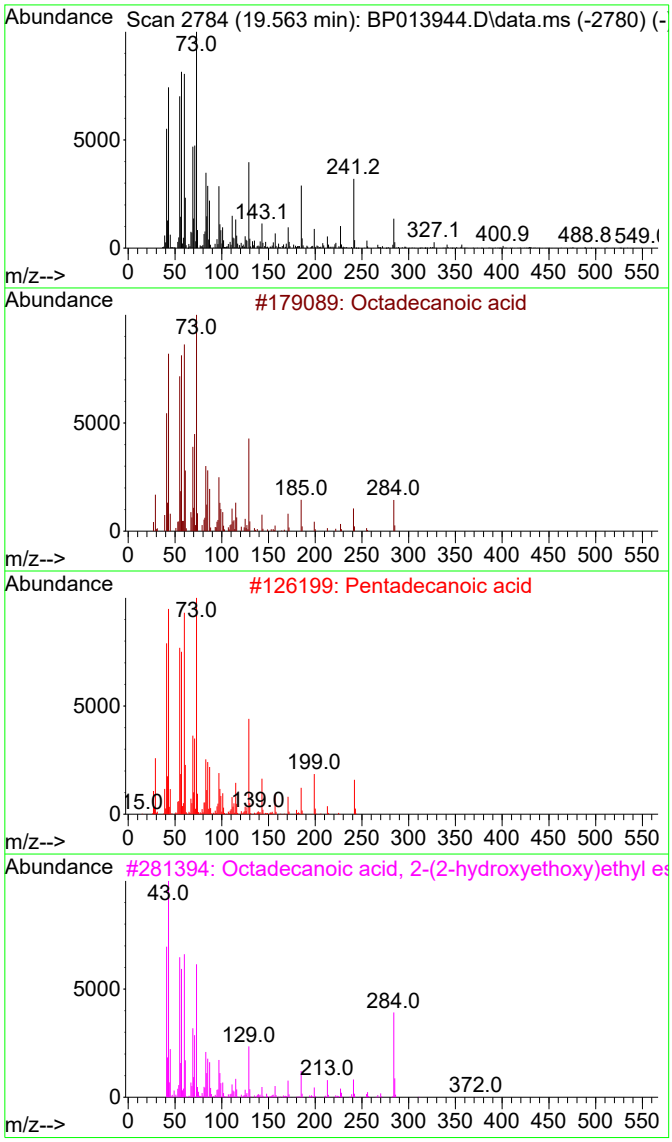
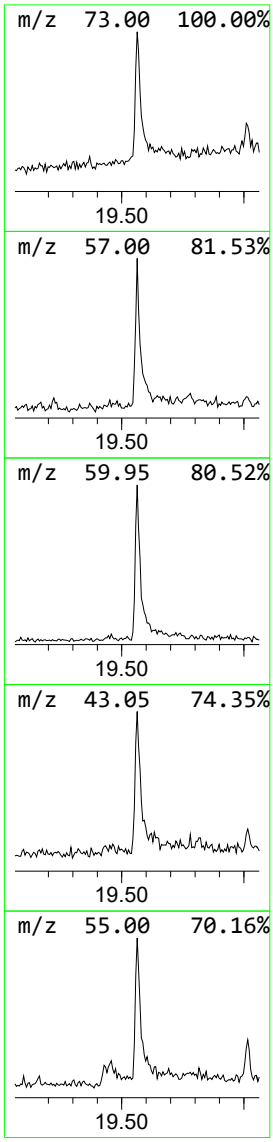
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.563	2.43 ng	208176	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
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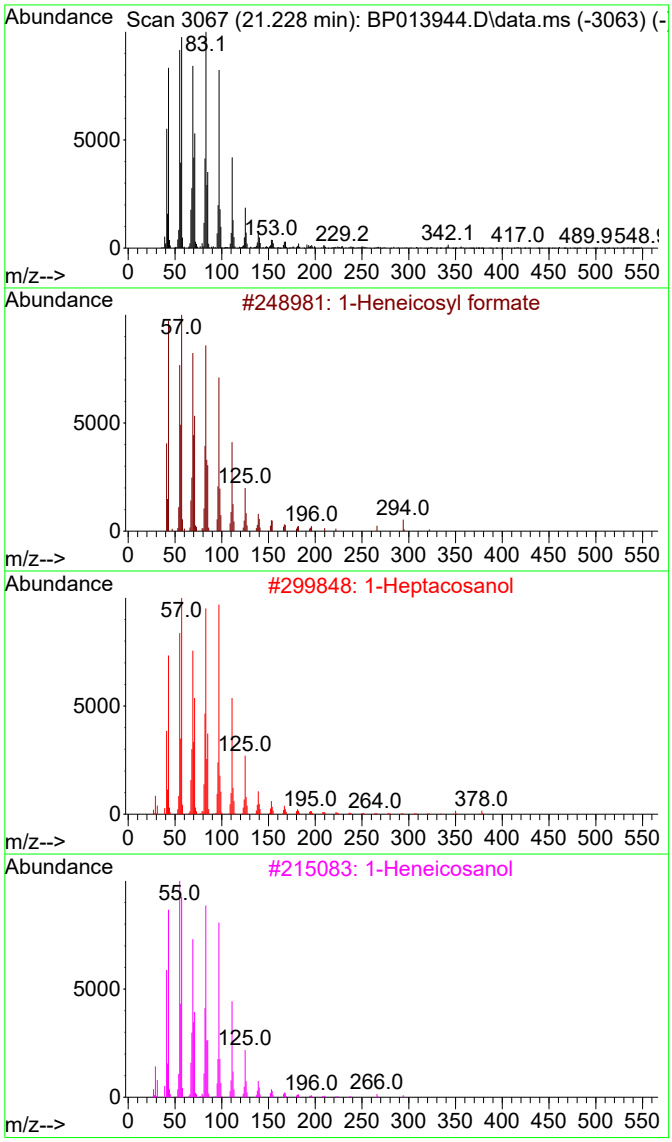
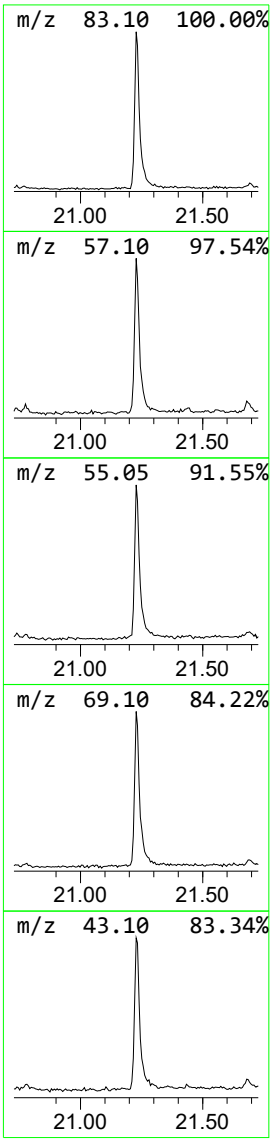
Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	7.89 ng	675546	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Nonacos-1-ene	406	C29H58	018835-35-3	94





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.158	26.9	ng	941553	1	8.093	699742	20.0
n-Hexadecanoic ...	18.339	7.5	ng	494904	4	17.481	1326080	20.0
Octadecanoic acid	19.563	2.4	ng	208176	5	21.557	1711880	20.0
1-Heneicosyl fo...	21.227	7.9	ng	675546	5	21.557	1711880	20.0