LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
Data File : BP019845.D
Acq On : 23 Feb 2024 16:06
Operator : MA/JU
Sample : P1537-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
11

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019845.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	323	329	338	rBV	102191	158228	3.65%	0.713%
2	5.481	400	407	415	rBV	1028719	1574193	36.31%	7.095%
3	7.081	671	679	697	rBV	972487	1645389	37.95%	7.416%
4	7.904	812	819	828	rBV	335513	526783	12.15%	2.374%
5	9.075	1010	1018	1029	rBV	637041	1111555	25.64%	5.010%
6	10.704	1284	1295	1308	rBV	346410	622943	14.37%	2.808%
7	13.169	1706	1714	1735	rBV	1774858	2754416	63.53%	12.414%
8	14.545	1942	1948	1955	rBV	544874	838305	19.34%	3.778%
9	14.751	1978	1983	1985	rBV4	31244	48154	1.11%	0.217%
10	16.045	2196	2203	2220	rBV	1652327	2607675	60.15%	11.753%
11	17.310	2411	2418	2422	rBV	685932	1061534	24.49%	4.784%
12	17.351	2422	2425	2430	rVB	106654	145054	3.35%	0.654%
13	18.204	2562	2570	2580	rBV2	426042	731378	16.87%	3.296%
14	18.357	2593	2596	2601	rBV3	35616	63986	1.48%	0.288%
15	19.321	2756	2760	2768	rVB	300678	396486	9.15%	1.787%
16	19.445	2777	2781	2791	rBV3	174147	253312	5.84%	1.142%
17	19.674	2817	2820	2829	rVB	261775	406289	9.37%	1.831%
18	19.880	2850	2855	2862	rBV	3529767	4335296	100.00%	19.539%
19	21.133	3065	3068	3073	rVB2	299226	349144	8.05%	1.574%
20	21.415	3110	3116	3120	rBV2	883741	1362684	31.43%	6.142%
21	23.850	3524	3530	3538	rVB2	568731	1195121	27.57%	5.386%

Sum of corrected areas: 22187925

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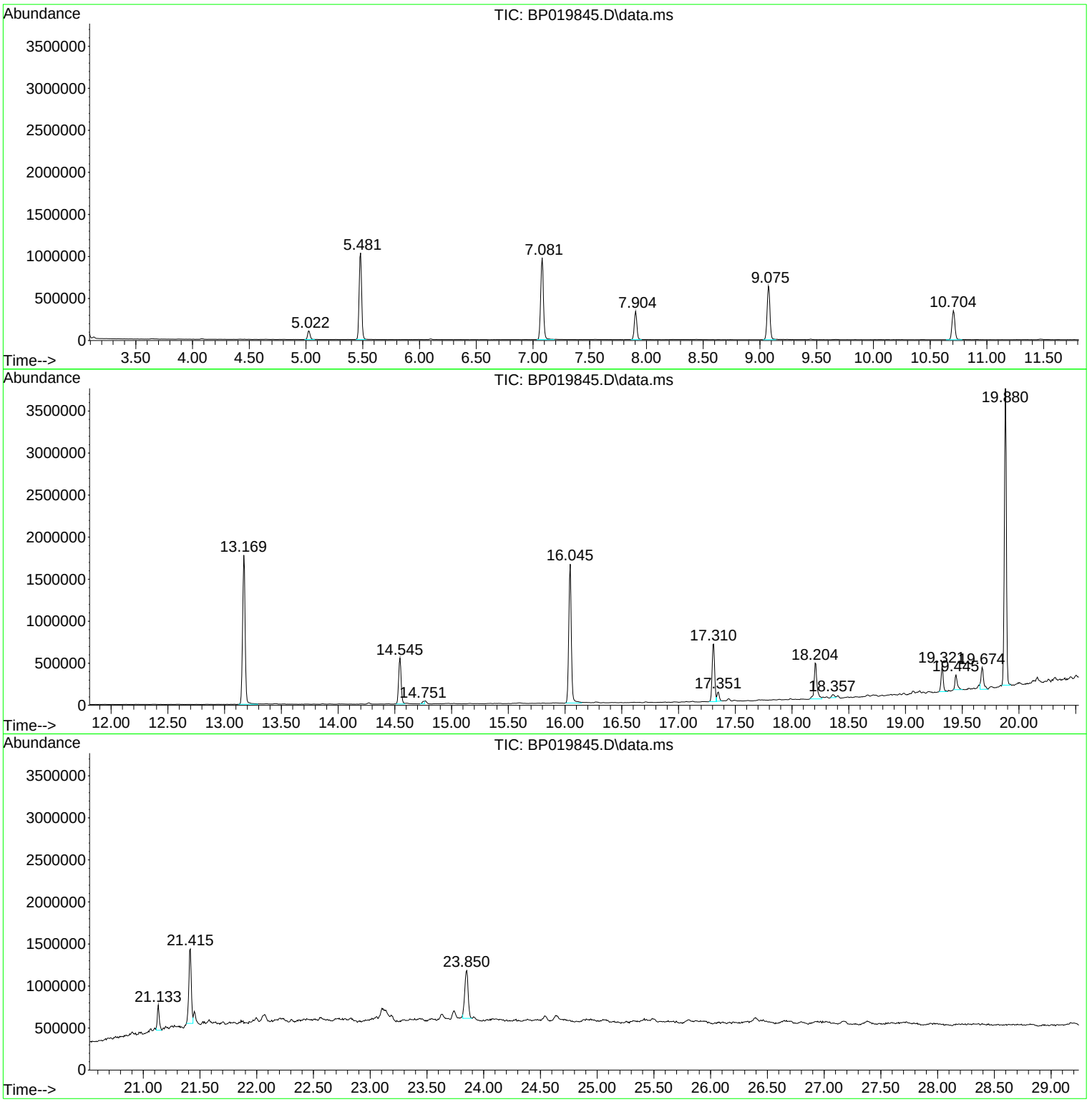
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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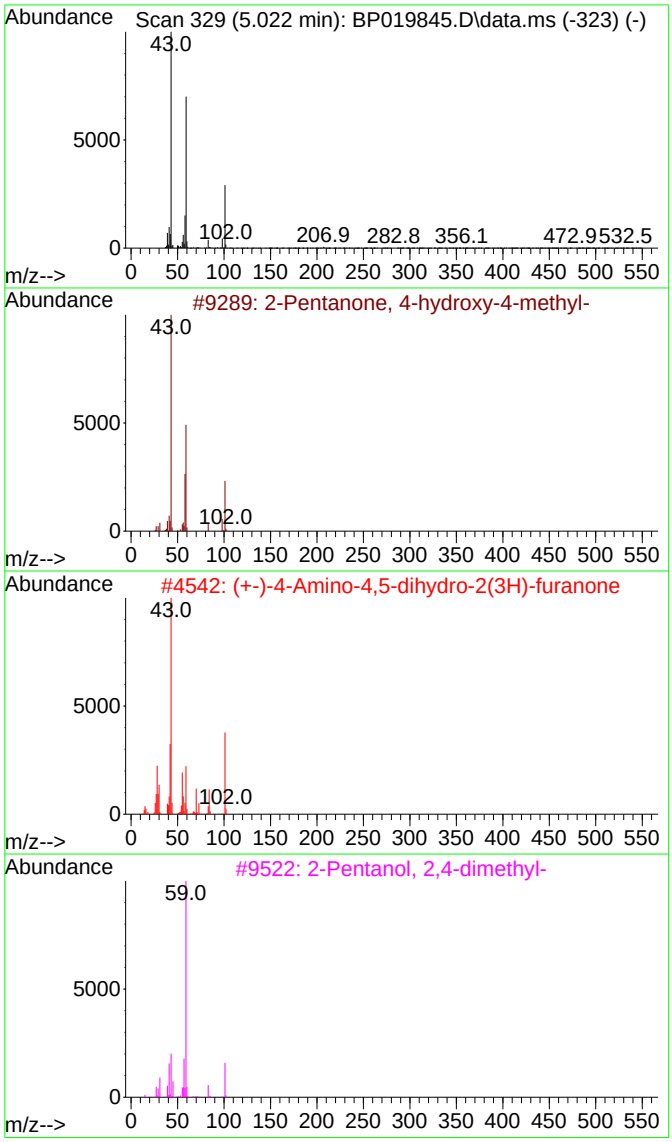
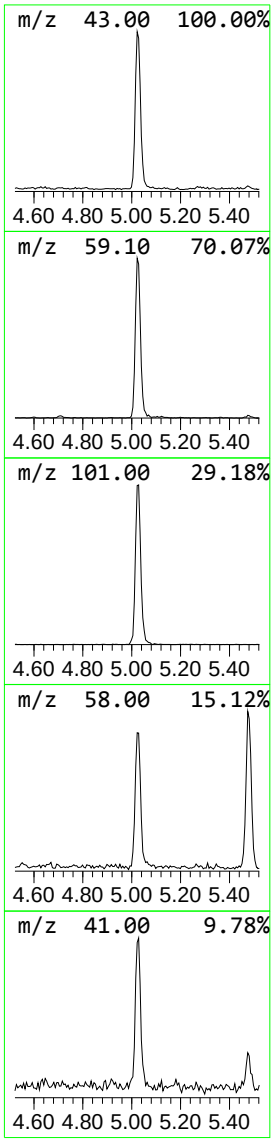
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	6.01 ng	158228	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	45
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
5	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33





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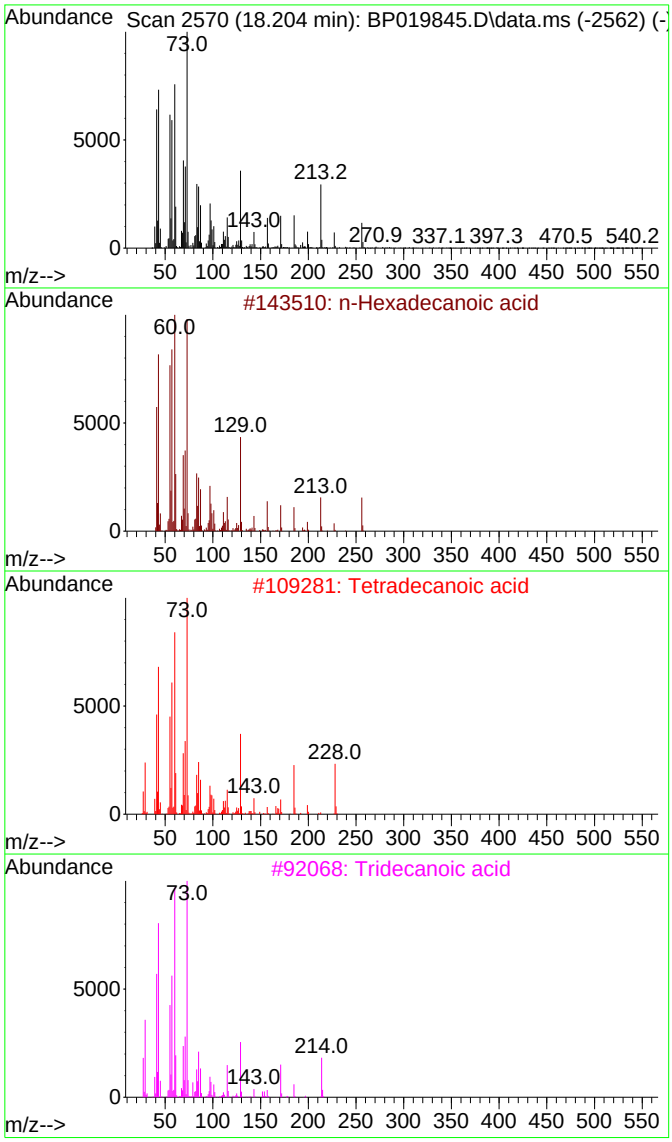
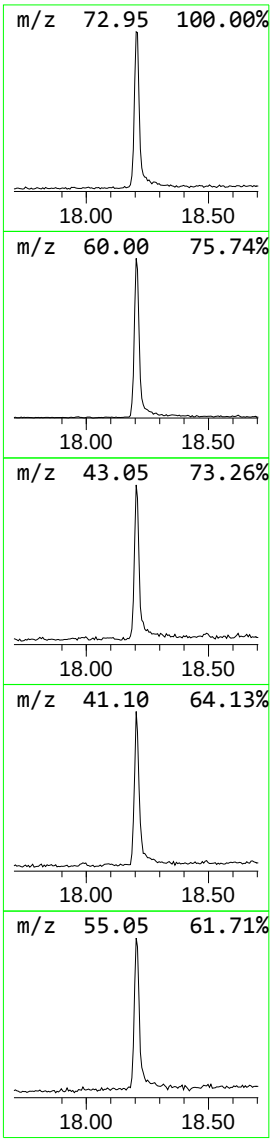
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	13.78 ng	731378	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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ClientSampleId :
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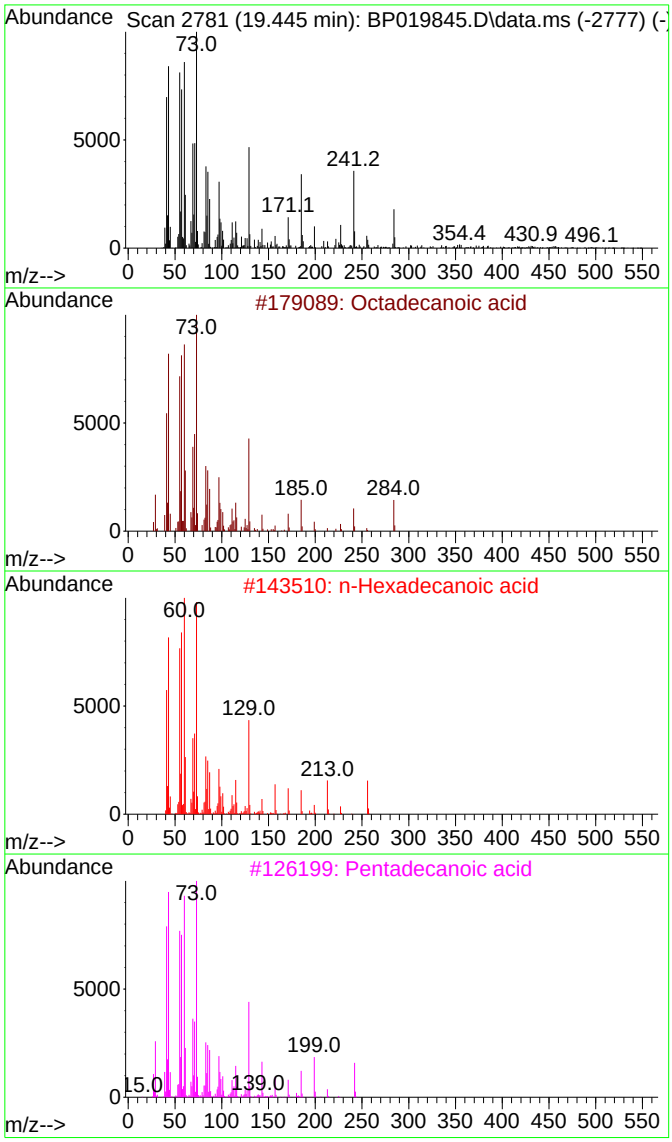
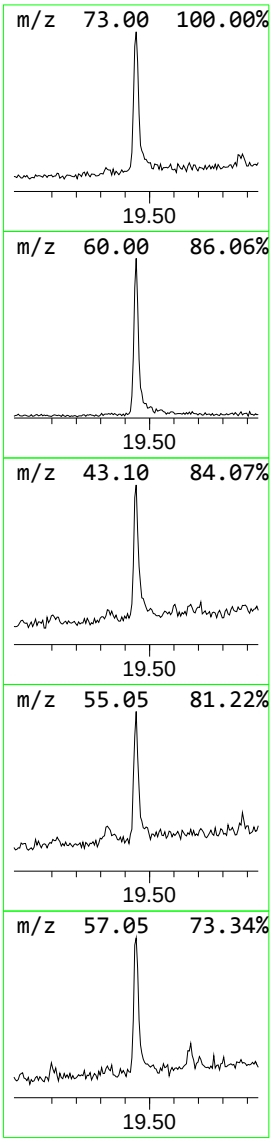
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	3.72 ng	253312	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Docosanoic acid	340	C22H44O2	000112-85-6	76





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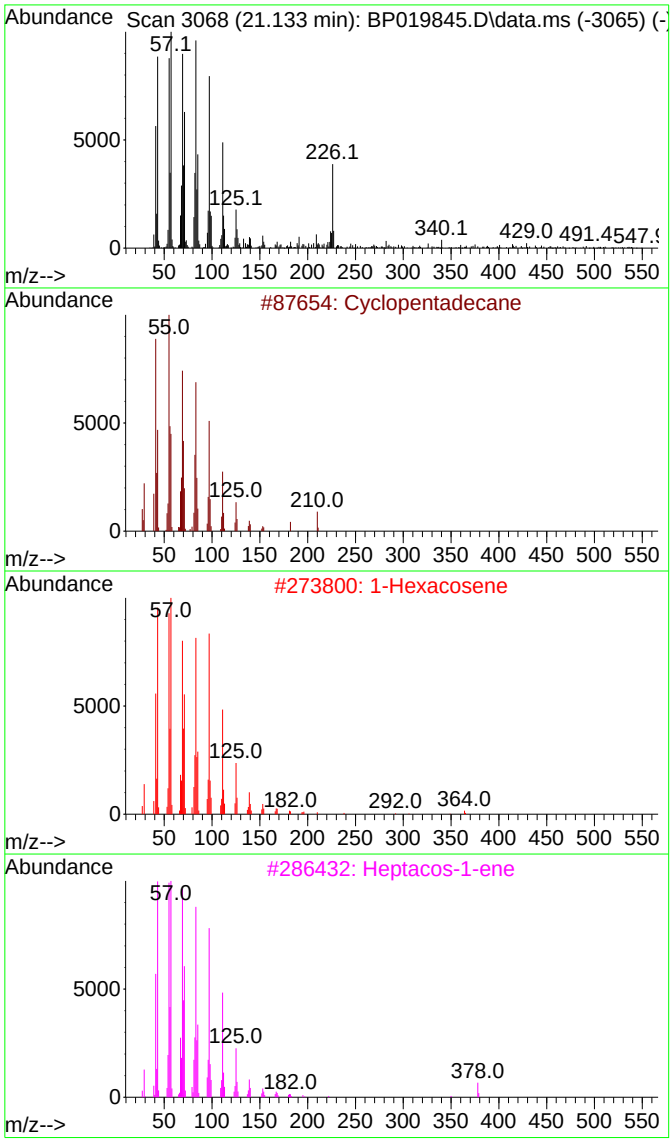
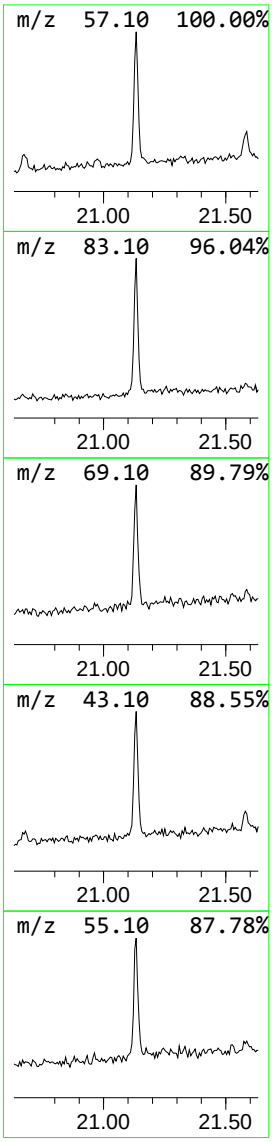
Peak Number 4 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	5.12 ng	349144	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	Heptacos-1-ene	378	C27H54	015306-27-1	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	89
5	Octacosanol	410	C28H58O	000557-61-9	87





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-...	5.022	6.0	ng	158228	1	7.904	526783	20.0
n-Hexadecanoic ...	18.204	13.8	ng	731378	4	17.310	1061530	20.0
Octadecanoic acid	19.445	3.7	ng	253312	5	21.415	1362680	20.0
Cyclopentadecane	21.133	5.1	ng	349144	5	21.415	1362680	20.0