LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
Data File : BP019683.D
Acq On : 13 Feb 2024 18:16
Operator : MA/JU
Sample : P1448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-02-020924

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: BP019683.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	322	329	336	rBV	57088	86071	1.83%	0.383%
2	5.475	397	406	419	rBV	1150866	1762252	37.38%	7.847%
3	7.075	670	678	699	rBV	1131326	1841843	39.07%	8.202%
4	7.899	810	818	826	rBV	261573	433562	9.20%	1.931%
5	9.069	1009	1017	1031	rBV	700894	1212784	25.73%	5.400%
6	10.699	1286	1294	1309	rBV	322903	569154	12.07%	2.534%
7	13.163	1705	1713	1730	rBV	1828500	2916333	61.86%	12.986%
8	14.534	1939	1946	1954	rBV	490505	768045	16.29%	3.420%
9	16.028	2193	2200	2222	rBV	1568273	2541454	53.91%	11.317%
10	17.292	2408	2415	2419	rBV	658234	979071	20.77%	4.360%
11	17.333	2419	2422	2429	rVV	167834	242922	5.15%	1.082%
12	17.422	2433	2437	2443	rVB	34608	57071	1.21%	0.254%
13	18.192	2563	2568	2577	rBV	290690	398756	8.46%	1.776%
14	19.304	2751	2757	2765	rBV	330298	469180	9.95%	2.089%
15	19.427	2774	2778	2787	rBV	144933	200663	4.26%	0.894%
16	19.657	2808	2817	2825	rBV	240897	396216	8.40%	1.764%
17	19.863	2846	2852	2862	rVB	3776420	4714398	100.00%	20.993%
18	20.622	2976	2981	2986	rBV	266006	353747	7.50%	1.575%
19	21.110	3061	3064	3071	rBV3	161845	217371	4.61%	0.968%
20	21.386	3105	3111	3115	rBV	863919	1209384	25.65%	5.385%
21	23.810	3517	3523	3530	rVB	534225	1087109	23.06%	4.841%

Sum of corrected areas: 22457386

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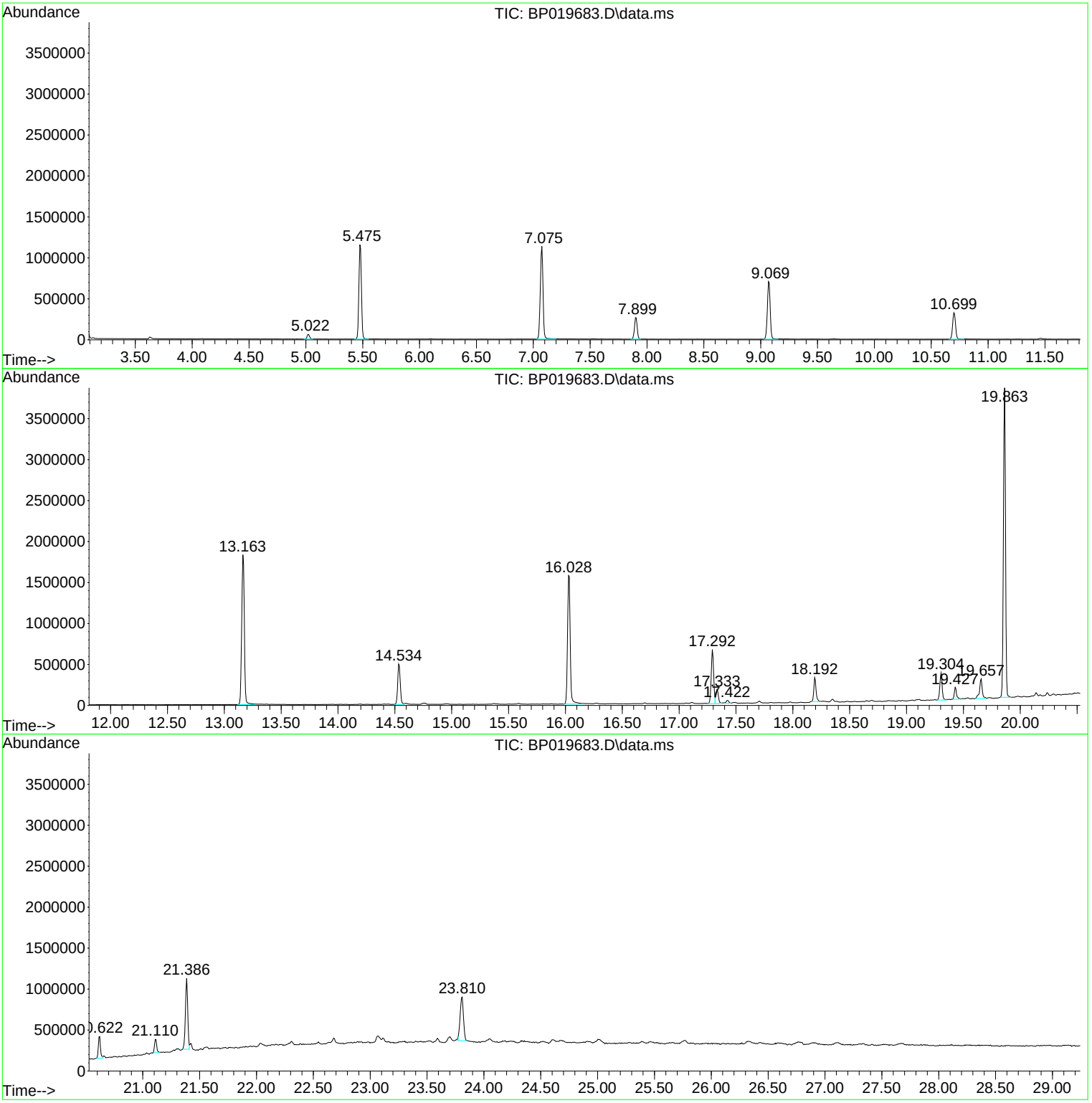
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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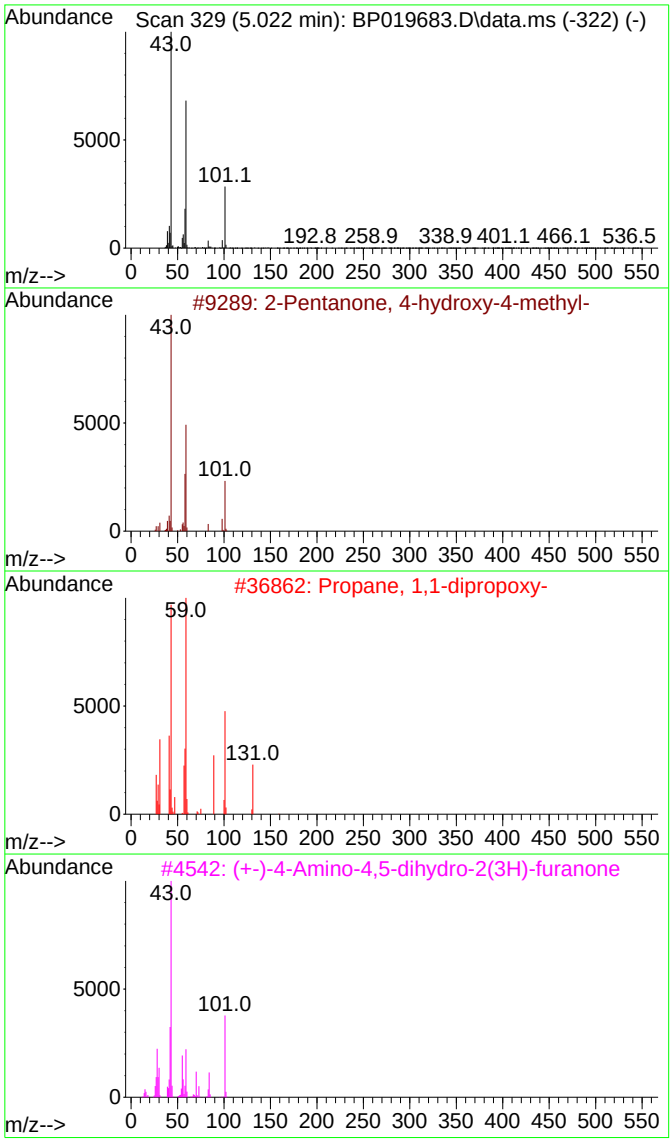
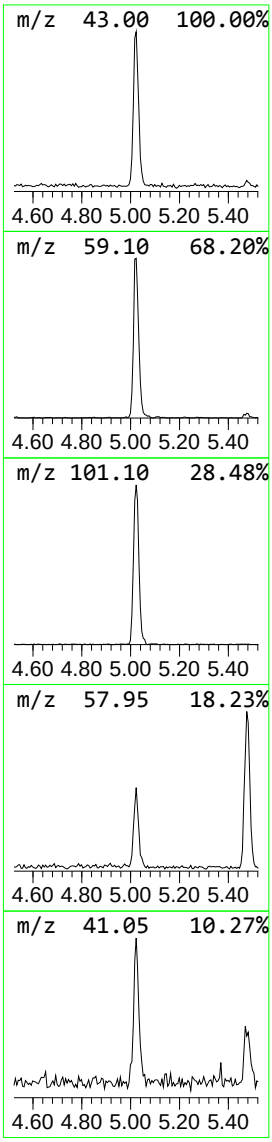
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	3.97 ng	86071	1,4-Dichlorobenzene-d4	7.905

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
4	Hexane, 1-(1-methoxyethoxy)-	160	C9H20O2	054340-90-8	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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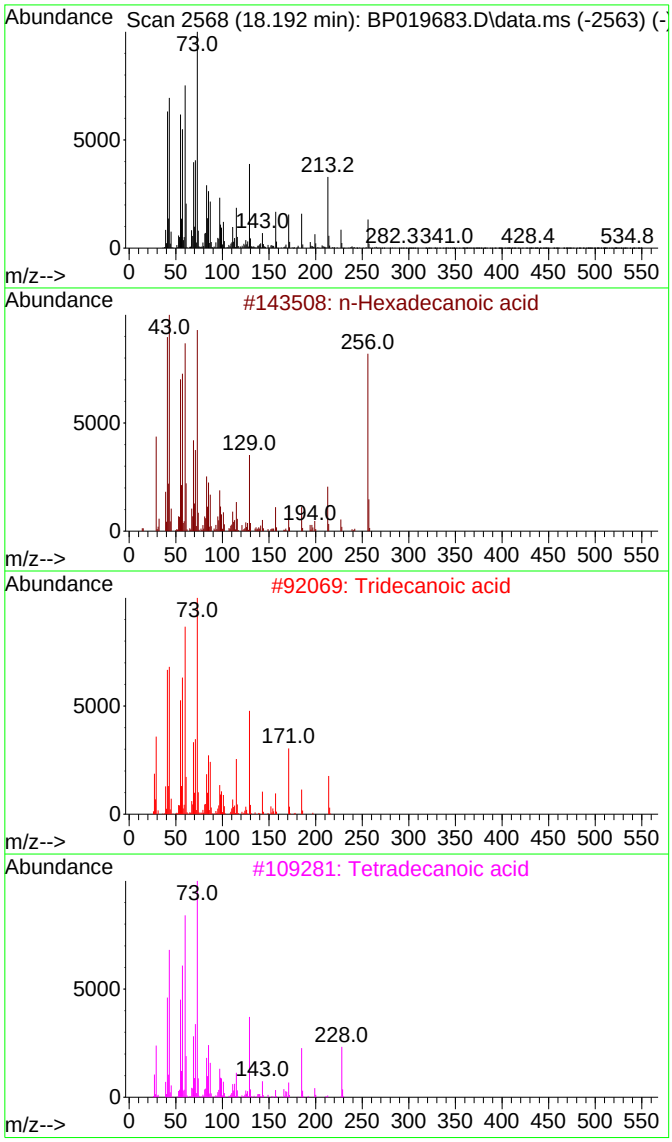
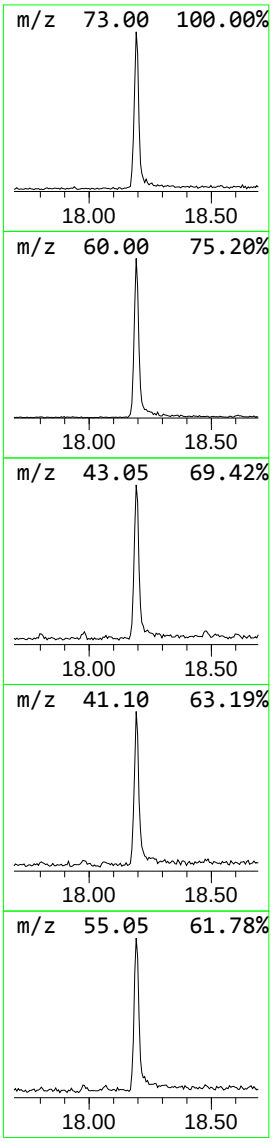
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	8.15 ng	398756	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	76





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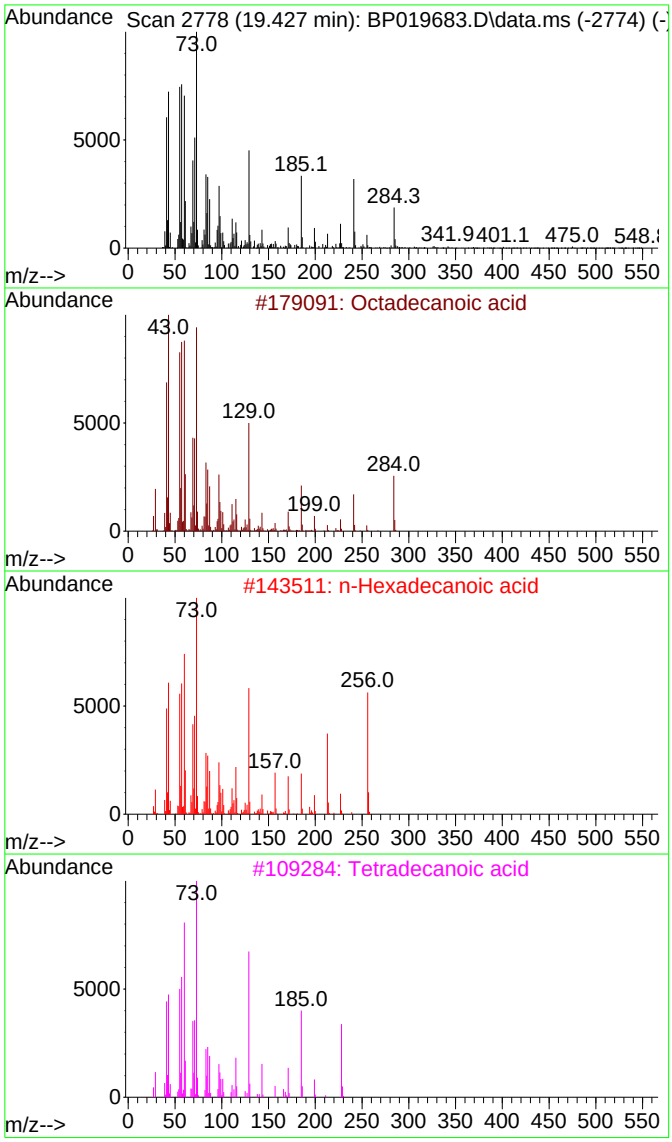
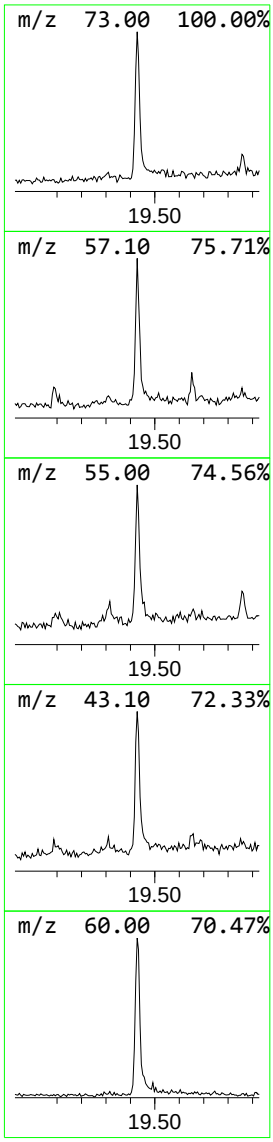
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	3.32 ng	200663	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Heneicosanoic acid	326	C21H42O2	002363-71-5	70
5	Hexadecane	226	C16H34	000544-76-3	56





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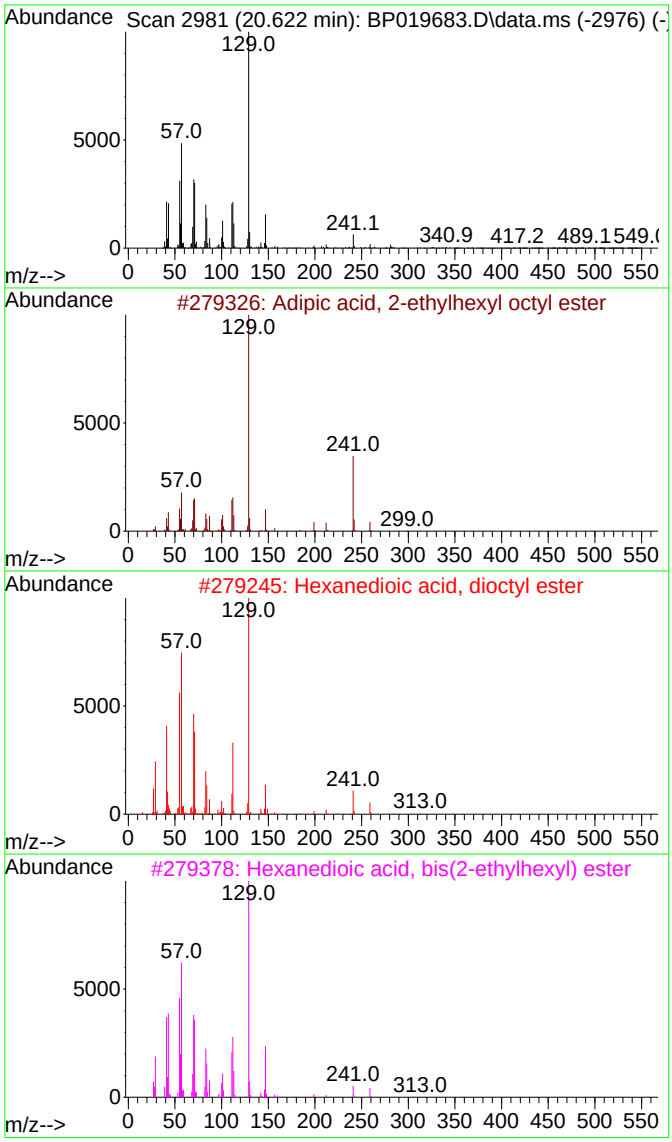
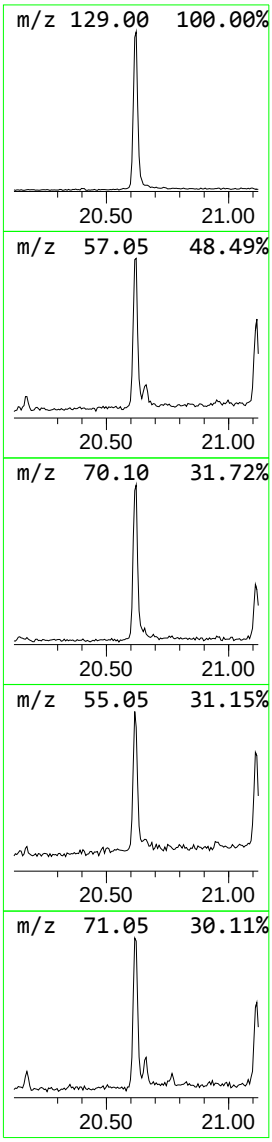
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Adipic acid, 2-ethylhexyl o... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.622	5.85 ng	353747	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	83
5	Adipic acid, 3-heptyl tetradecyl...	440	C27H52O4	1000353-65-9	53





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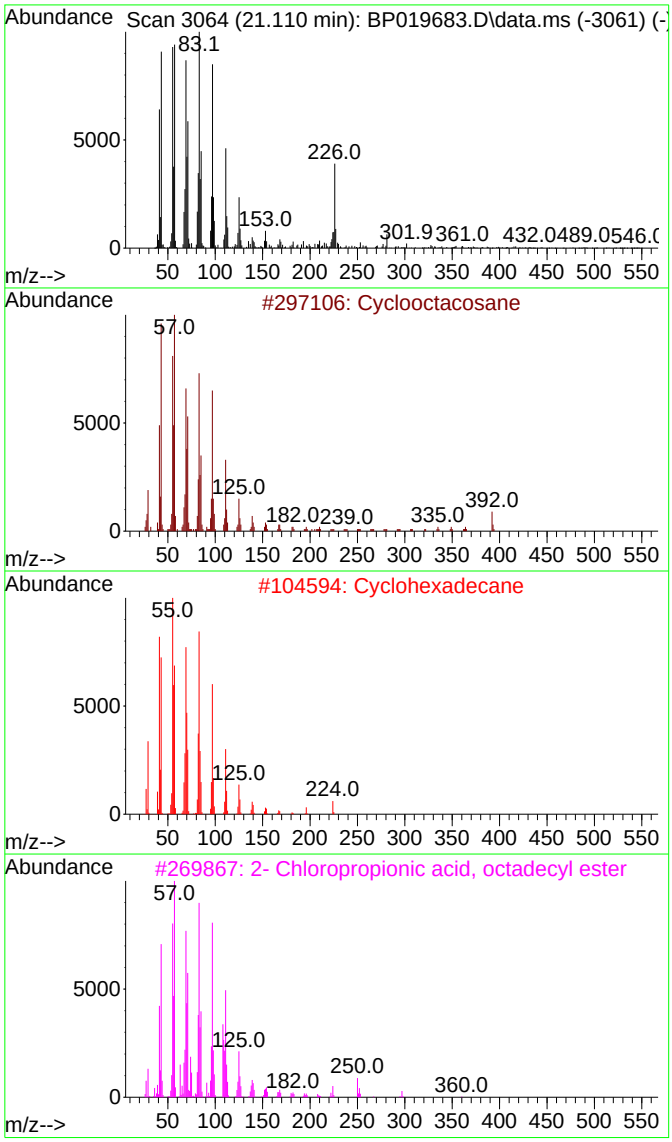
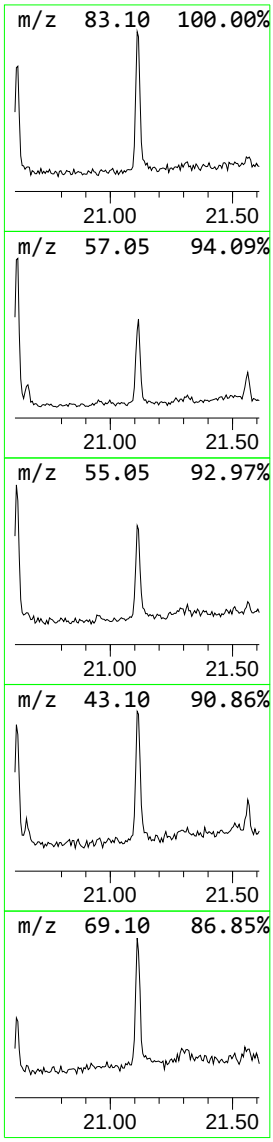
****

Peak Number 5 Cyclooctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	3.59 ng	217371	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	94
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





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	4.0	ng	86071	1	7.905	433562	20.0
n-Hexadecanoic ...	18.192	8.2	ng	398756	4	17.292	979071	20.0
Octadecanoic acid	19.427	3.3	ng	200663	5	21.386	1209380	20.0
Adipic acid, 2-...	20.622	5.8	ng	353747	5	21.386	1209380	20.0
Cyclooctacosane	21.110	3.6	ng	217371	5	21.386	1209380	20.0