LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007030.D
Acq On : 17 Sep 2021 17:21
Operator : CG/JU
Sample : M3774-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SW-CB-02-(0.2)

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-BP091621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007030.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	339	rBV	165668	241611	1.24%	0.308%
2	5.481	400	407	419	rBV	2487000	3703999	19.00%	4.715%
3	7.069	670	677	688	rBV	1492422	2333125	11.97%	2.970%
4	7.910	810	820	828	rBV	1109663	1805244	9.26%	2.298%
5	9.069	1008	1017	1034	rBV	3180346	5249231	26.92%	6.682%
6	10.493	1252	1259	1270	rBV	147779	286700	1.47%	0.365%
7	10.704	1288	1295	1304	rBV	1485375	2492743	12.78%	3.173%
8	13.163	1704	1713	1724	rBV	9084809	13048260	66.92%	16.609%
9	14.534	1936	1946	1962	rBV	2299546	3393229	17.40%	4.319%
10	16.022	2192	2199	2213	rBV	6633759	9625351	49.36%	12.252%
11	17.281	2406	2413	2419	rBV	2847395	3960766	20.31%	5.042%
12	18.169	2558	2564	2586	rBV	1251299	2176487	11.16%	2.770%
13	19.398	2768	2773	2788	rBV	1000270	1592186	8.17%	2.027%
14	19.833	2842	2847	2857	rBV	15556806	19499052	100.00%	24.821%
15	21.069	3054	3057	3065	rBV	231734	297906	1.53%	0.379%
16	21.357	3101	3106	3112	rBV	3481917	4400275	22.57%	5.601%
17	23.768	3509	3516	3526	rVB2	2202328	4453195	22.84%	5.669%

Sum of corrected areas: 78559360

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ClientSampleId :
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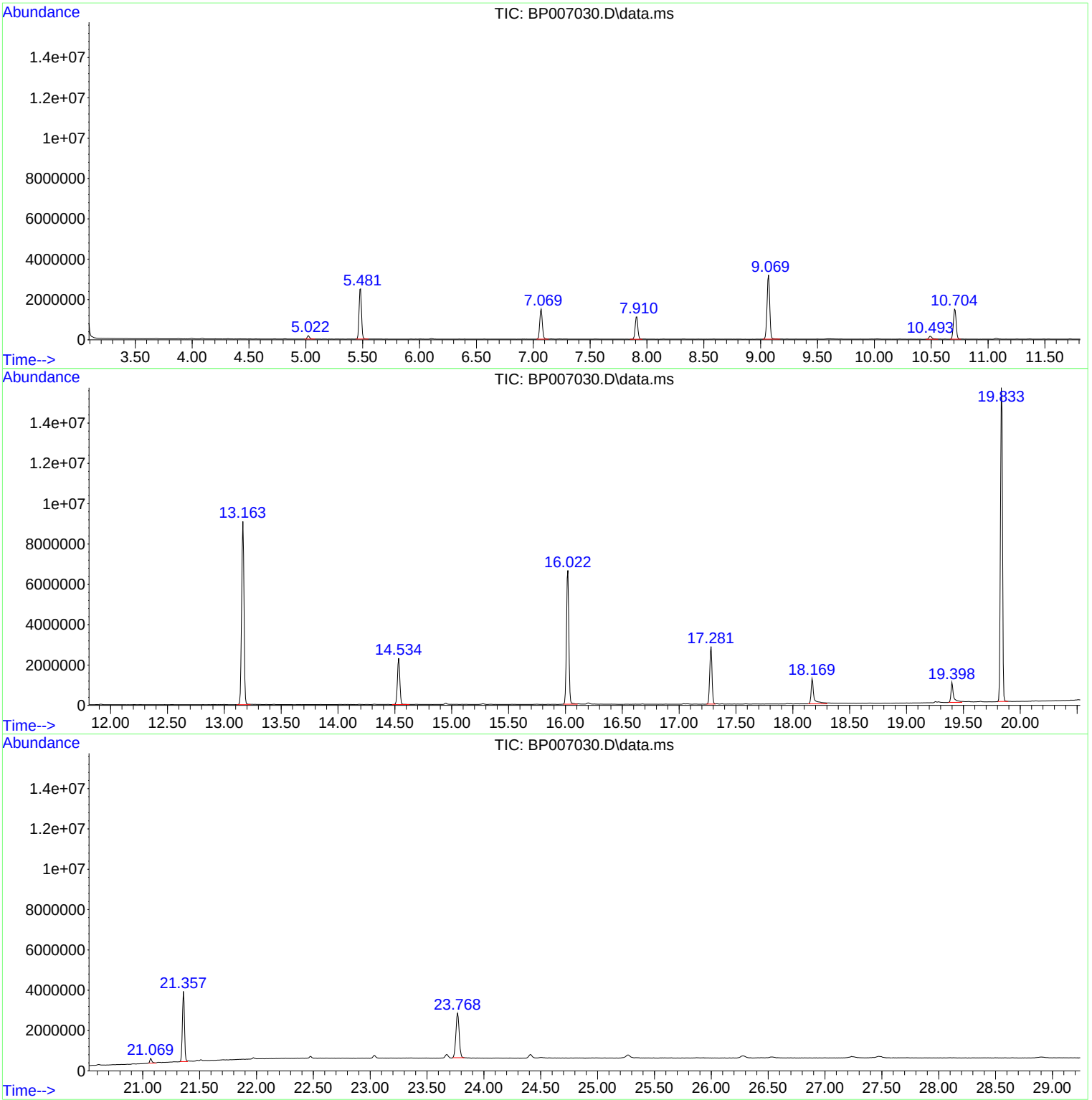
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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

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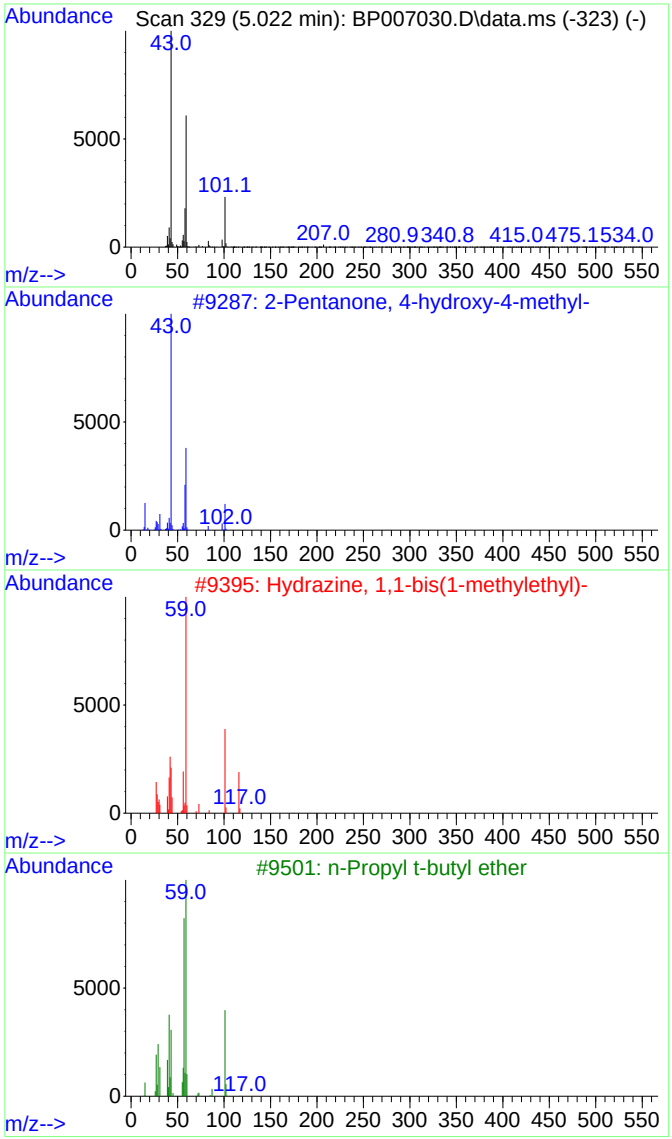
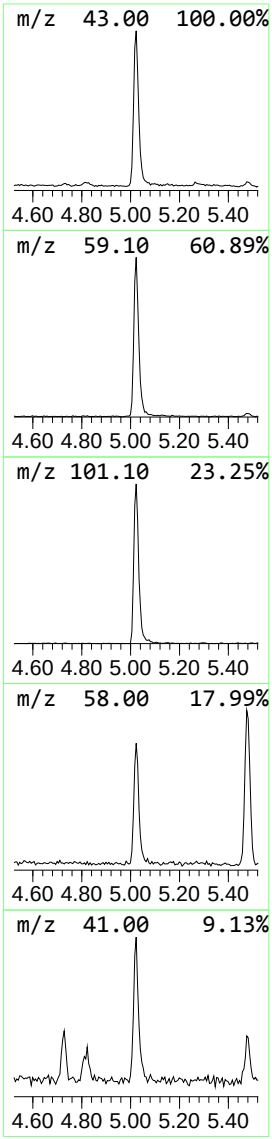
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	2.68 ng	241611	1,4-Dichlorobenzene-d4	7.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





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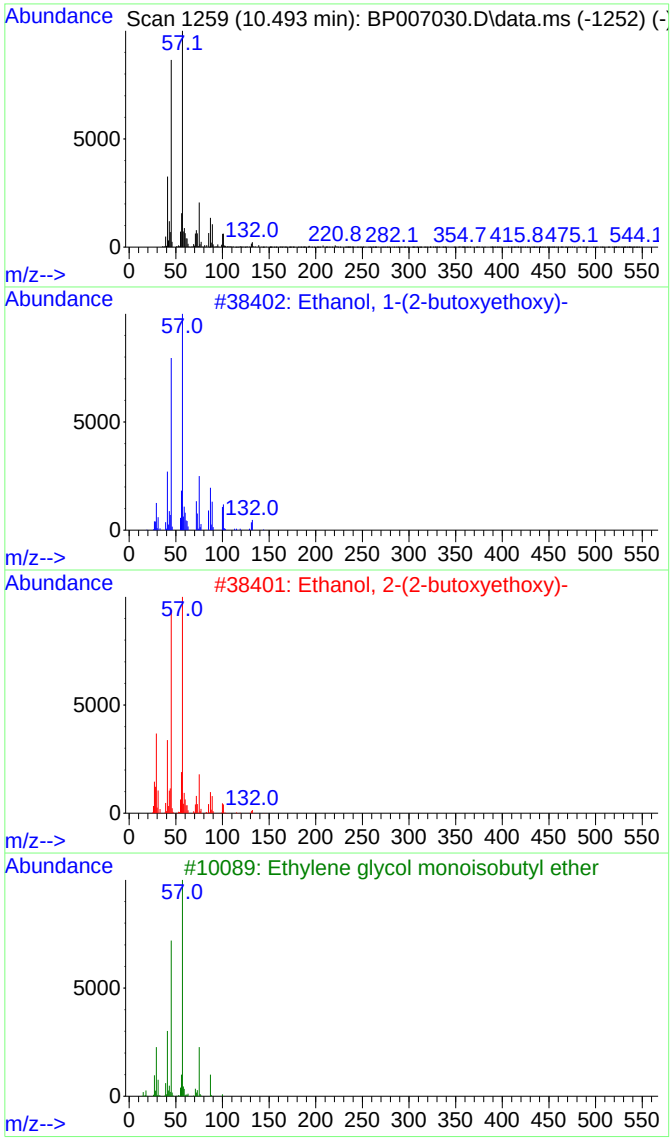
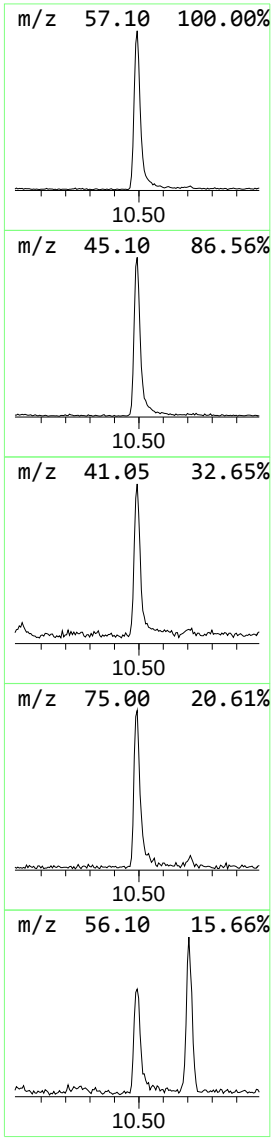
Peak Number 2 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.493	2.30 ng	286700	Naphthalene-d8	10.704

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	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





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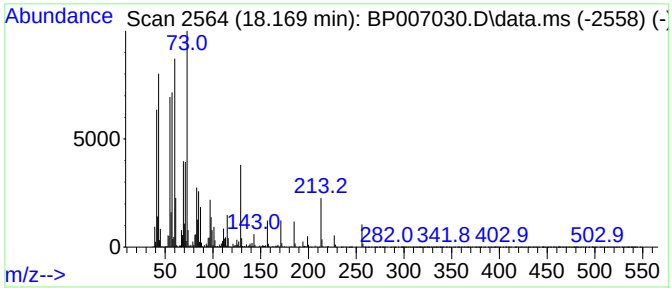
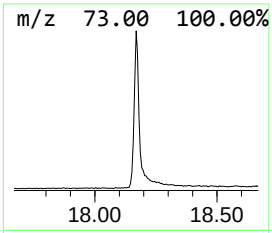
****

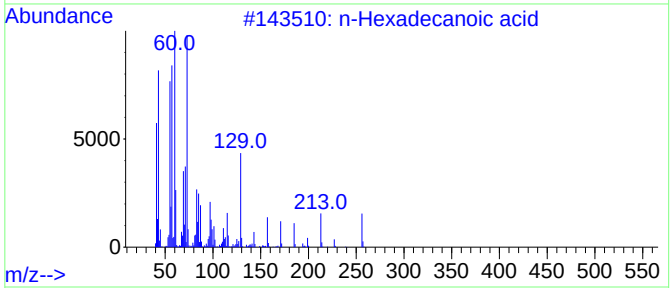
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

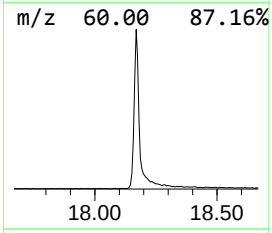
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	10.99 ng	2176490	Phenanthrene-d10	17.281

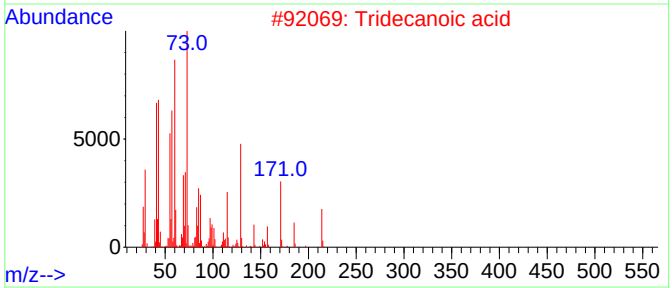
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58

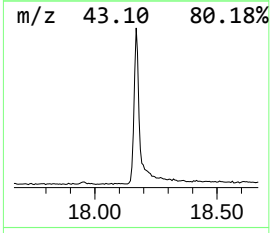


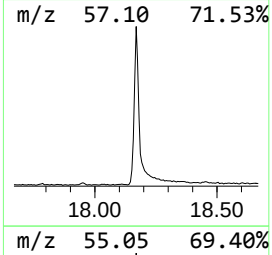


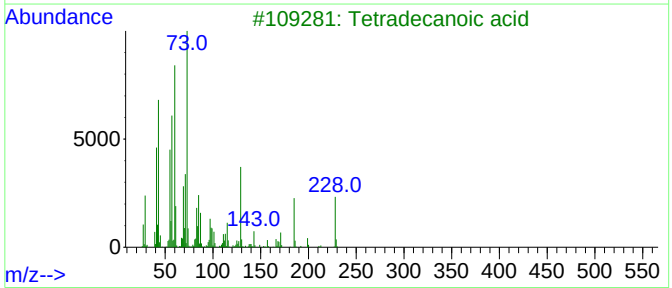


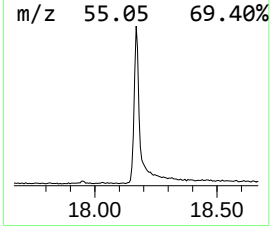












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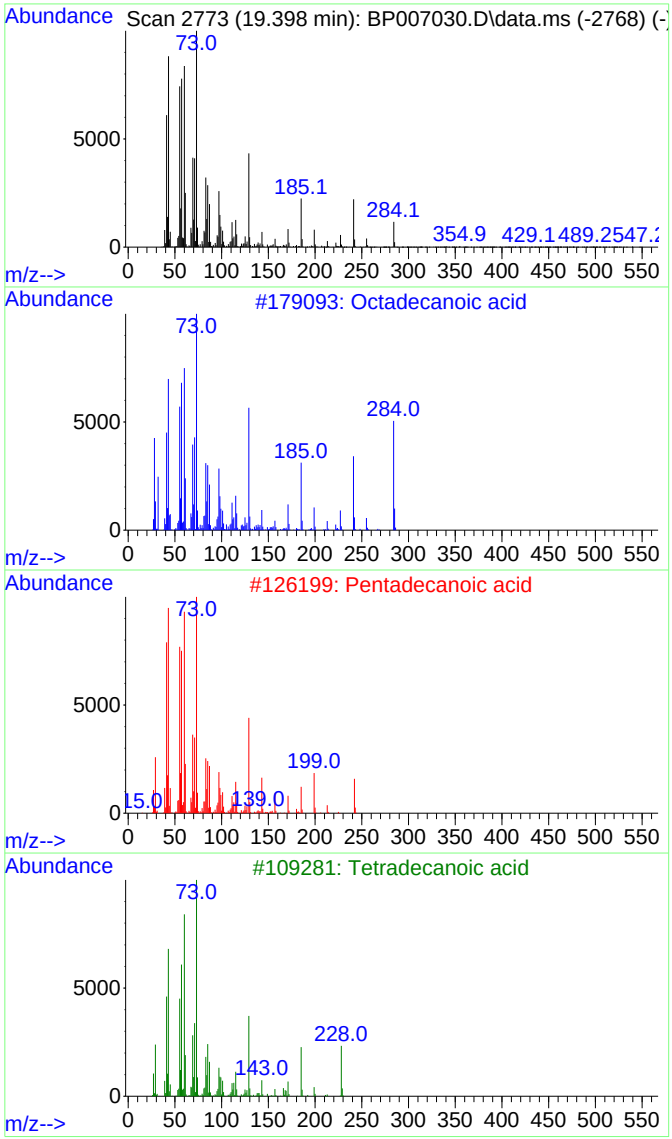
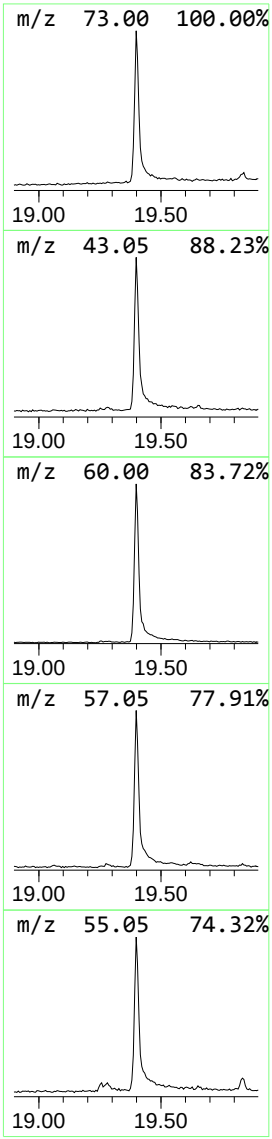
****

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	7.24 ng	1592190	Chrysene-d12	21.357

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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	2.7	ng	241611	1	7.910	1805240	20.0
Ethanol, 1-(2-b...	10.493	2.3	ng	286700	2	10.704	2492740	20.0
n-Hexadecanoic ...	18.169	11.0	ng	2176490	4	17.281	3960770	20.0
Octadecanoic acid	19.398	7.2	ng	1592190	5	21.357	4400280	20.0