LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125305.D
Acq On : 1 Sep 2021 14:28
Operator : JU/CG
Sample : M3561-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUII-C

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_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125305.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	8	14	25	rVB	3381654	4613648	69.16%	11.995%
2	5.522	580	584	587	rBV	2741053	2367076	35.48%	6.154%
3	6.528	751	755	768	rVB	1765349	1522178	22.82%	3.958%
4	6.904	816	819	823	rBV	1327716	1017335	15.25%	2.645%
5	7.475	910	916	918	rBV	3099711	3312124	49.65%	8.611%
6	8.086	1017	1020	1034	rBV	727504	883187	13.24%	2.296%
7	8.186	1034	1037	1041	rVV	1551063	1343762	20.14%	3.494%
8	9.269	1216	1221	1224	rBV	6138921	5550665	83.20%	14.431%
9	9.945	1332	1336	1340	rBV	1968625	1586967	23.79%	4.126%
10	10.322	1397	1400	1403	rBV	99240	84660	1.27%	0.220%
11	10.739	1466	1471	1474	rBV	4317005	3996142	59.90%	10.390%
12	11.433	1585	1589	1593	rBV	2000549	1698844	25.46%	4.417%
13	11.816	1651	1654	1658	rVB	148028	130176	1.95%	0.338%
14	11.951	1672	1677	1682	rBV	433340	475823	7.13%	1.237%
15	12.739	1807	1811	1819	rBV	184467	219458	3.29%	0.571%
16	13.027	1854	1860	1863	rBV	6181412	6671330	100.00%	17.345%
17	13.945	2012	2016	2028	rVB4	49956	127146	1.91%	0.331%
18	14.074	2035	2038	2045	rVB	1679585	1559330	23.37%	4.054%
19	15.574	2287	2293	2304	rBV	982869	1302832	19.53%	3.387%

Sum of corrected areas: 38462683

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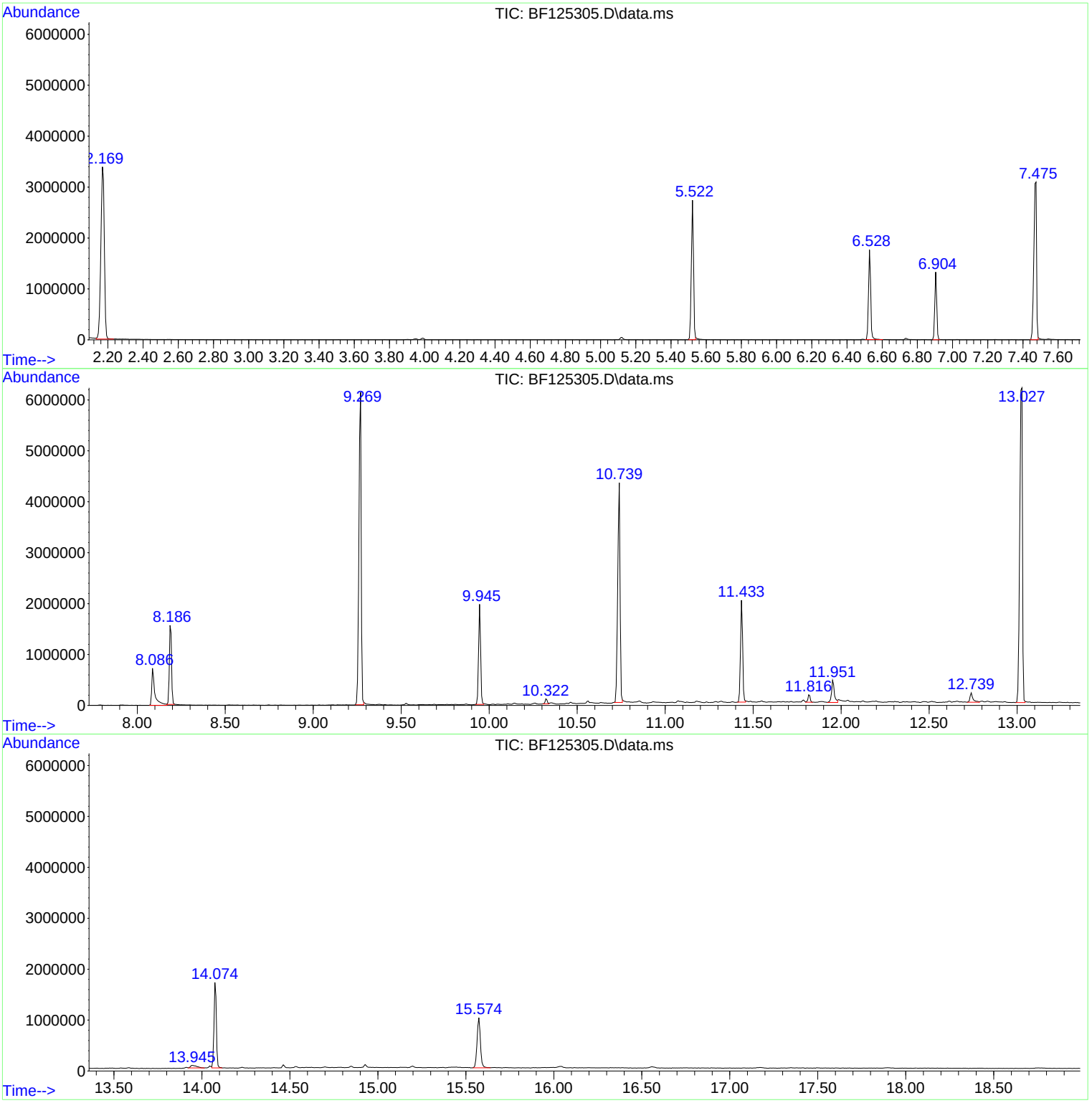
OUII-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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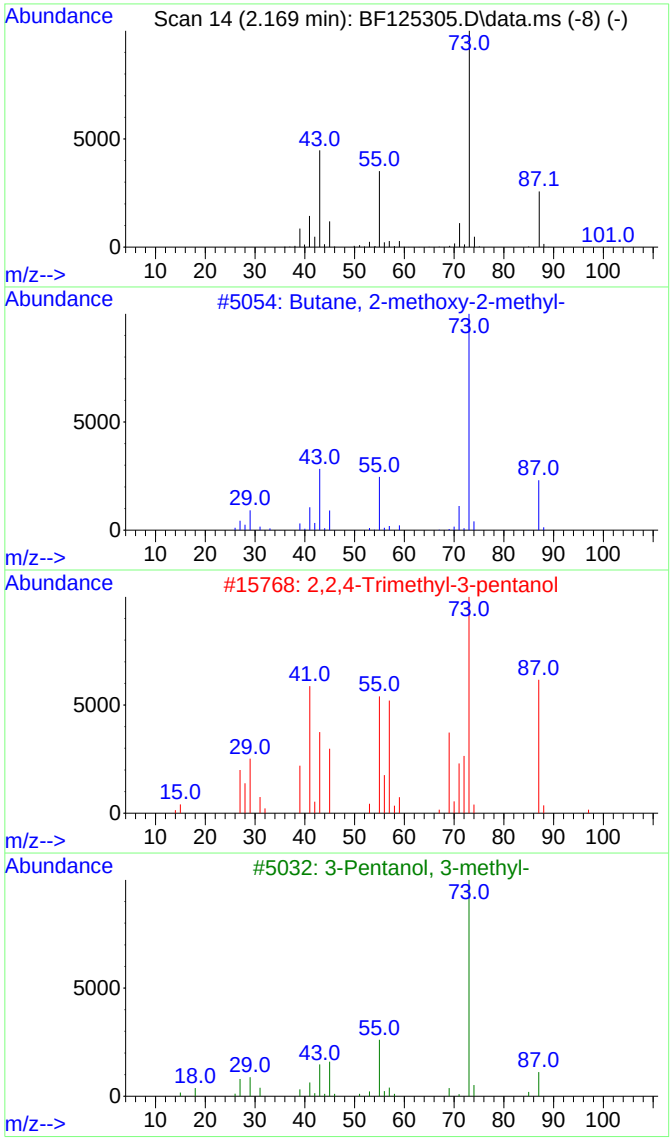
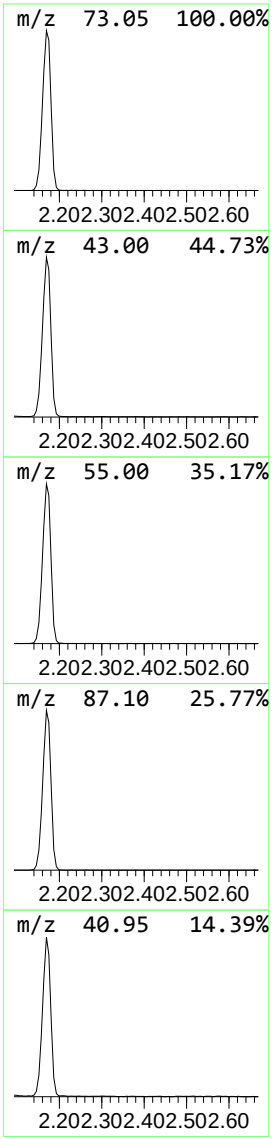
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	90.70 ng	4613650	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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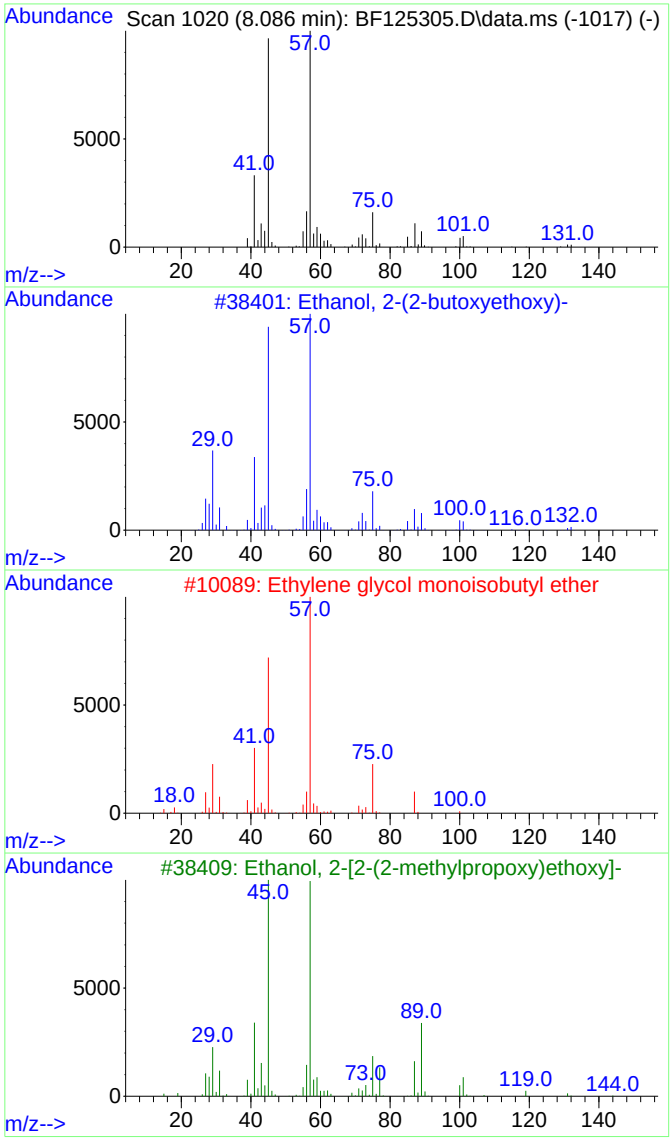
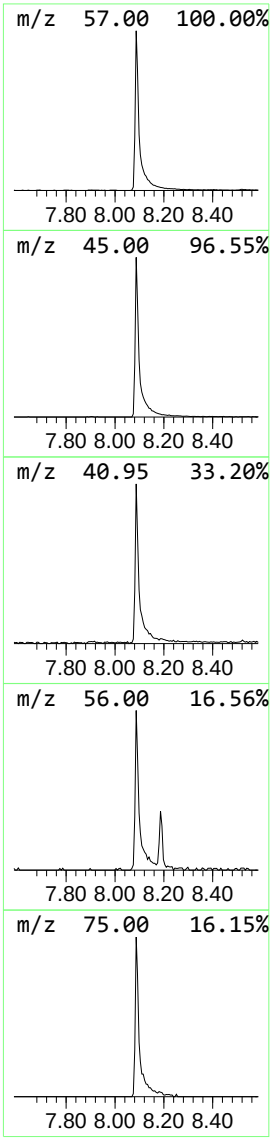
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.086	13.15 ng	883187	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	50
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50





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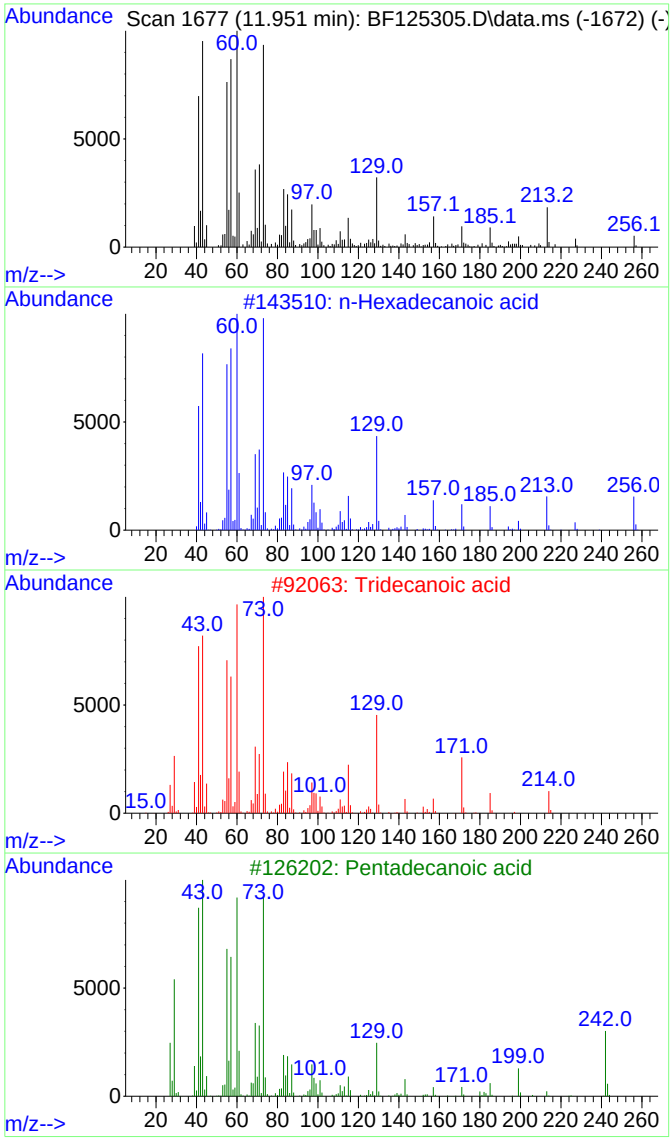
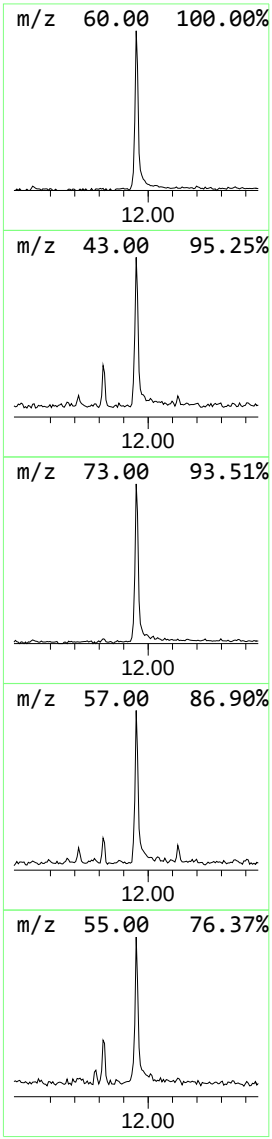
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	5.60 ng	475823	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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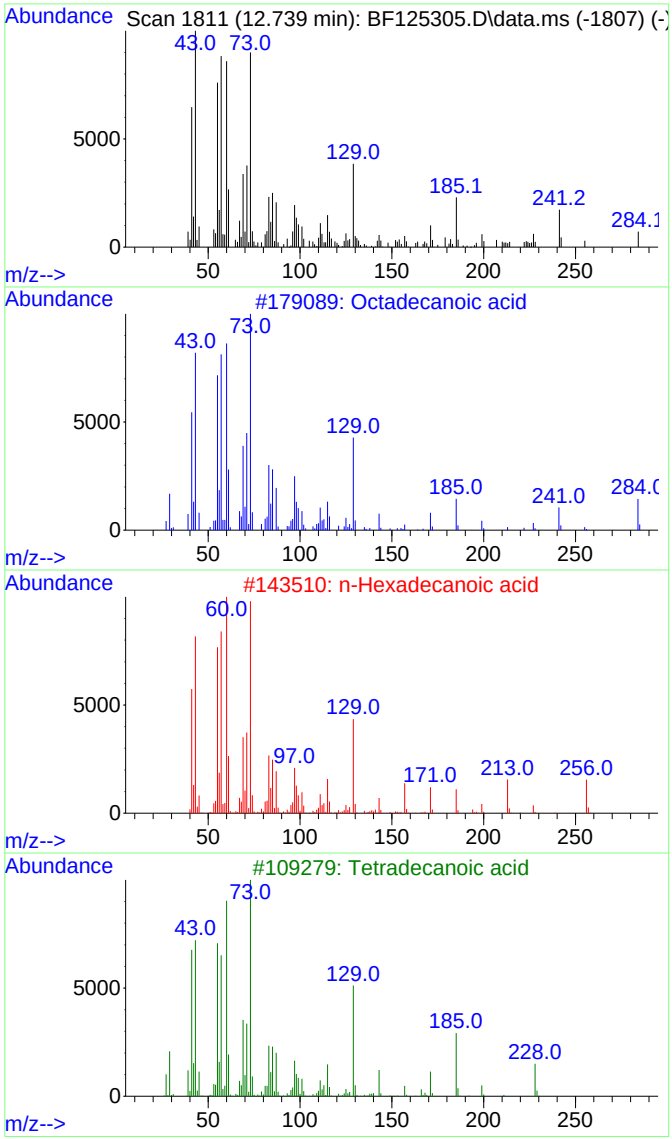
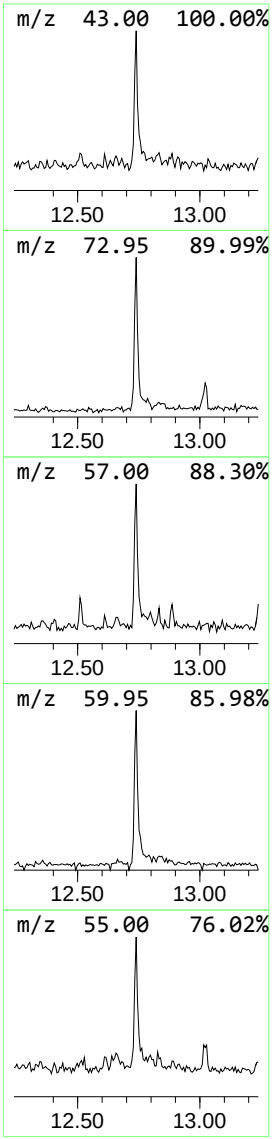
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	2.58 ng	219458	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.169	90.7	ng	4613650	1	6.904	1017340	20.0
Ethanol, 2-(2-b...	8.086	13.2	ng	883187	2	8.186	1343760	20.0
n-Hexadecanoic ...	11.951	5.6	ng	475823	4	11.433	1698840	20.0
Octadecanoic acid	12.739	2.6	ng	219458	4	11.433	1698840	20.0