LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125425.D
Acq On : 10 Sep 2021 15:45
Operator : JU/CG
Sample : M3686-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-DISCHARGE

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: BF125425.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	12	19	25	rBV	3597393	4881549	89.70%	13.425%
2	2.304	33	37	46	rVB2	37200	61989	1.14%	0.170%
3	5.104	509	513	519	rBV	55940	57343	1.05%	0.158%
4	5.510	578	582	598	rBV	1834808	1817493	33.40%	4.998%
5	6.510	749	752	760	rBV	1104503	1049088	19.28%	2.885%
6	6.716	784	787	792	rBV2	51308	58732	1.08%	0.162%
7	6.881	812	815	819	rBV	1207464	1075309	19.76%	2.957%
8	7.392	895	902	905	rBV5	29017	59334	1.09%	0.163%
9	7.451	905	912	915	rBV	2855951	3045651	55.97%	8.376%
10	8.069	1014	1017	1029	rBV	371229	577456	10.61%	1.588%
11	8.169	1029	1034	1037	rVV	1537677	1392107	25.58%	3.829%
12	9.245	1211	1217	1220	rBV	5349867	5362352	98.54%	14.748%
13	9.922	1328	1332	1336	rBV	1692398	1619354	29.76%	4.454%
14	10.722	1460	1468	1471	rBV	3541465	3851484	70.78%	10.592%
15	11.416	1582	1586	1589	rBV	2012241	1720690	31.62%	4.732%
16	11.751	1641	1643	1648	rBV	50380	56347	1.04%	0.155%
17	11.910	1667	1670	1671	rBV2	68695	78353	1.44%	0.215%
18	11.933	1671	1674	1679	rVB	592376	585182	10.75%	1.609%
19	12.498	1768	1770	1777	rVB3	44465	58015	1.07%	0.160%
20	12.721	1805	1808	1816	rVB	303444	299092	5.50%	0.823%
21	13.004	1848	1856	1859	rBV	5569125	5441854	100.00%	14.966%
22	13.592	1953	1956	1959	rBV	79777	68274	1.25%	0.188%
23	13.627	1959	1962	1965	rVB	126195	110727	2.03%	0.305%
24	13.886	2003	2006	2008	rBV2	68601	81954	1.51%	0.225%
25	13.921	2008	2012	2022	rVB2	353459	591474	10.87%	1.627%
26	14.027	2027	2030	2032	rBV	87267	82713	1.52%	0.227%
27	14.057	2032	2035	2039	rVB	1421529	1175884	21.61%	3.234%
28	15.551	2284	2289	2298	rVB	838936	1046784	19.24%	2.879%
29	15.998	2362	2365	2372	rVB4	33900	54501	1.00%	0.150%

Sum of corrected areas: 36361085

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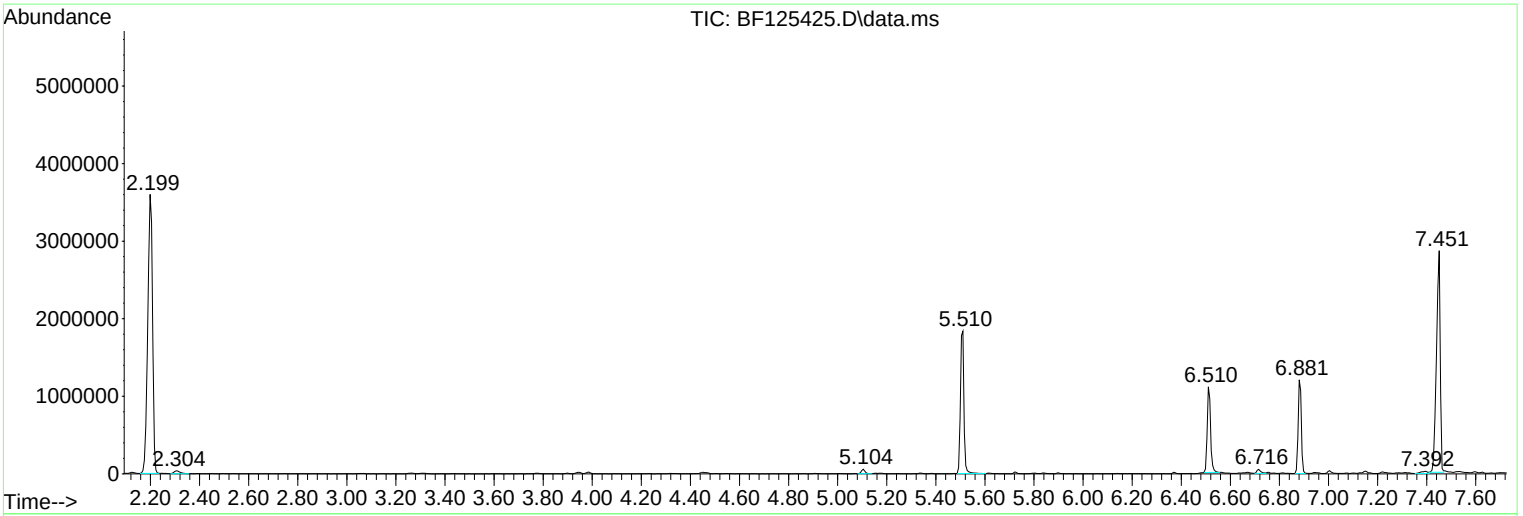
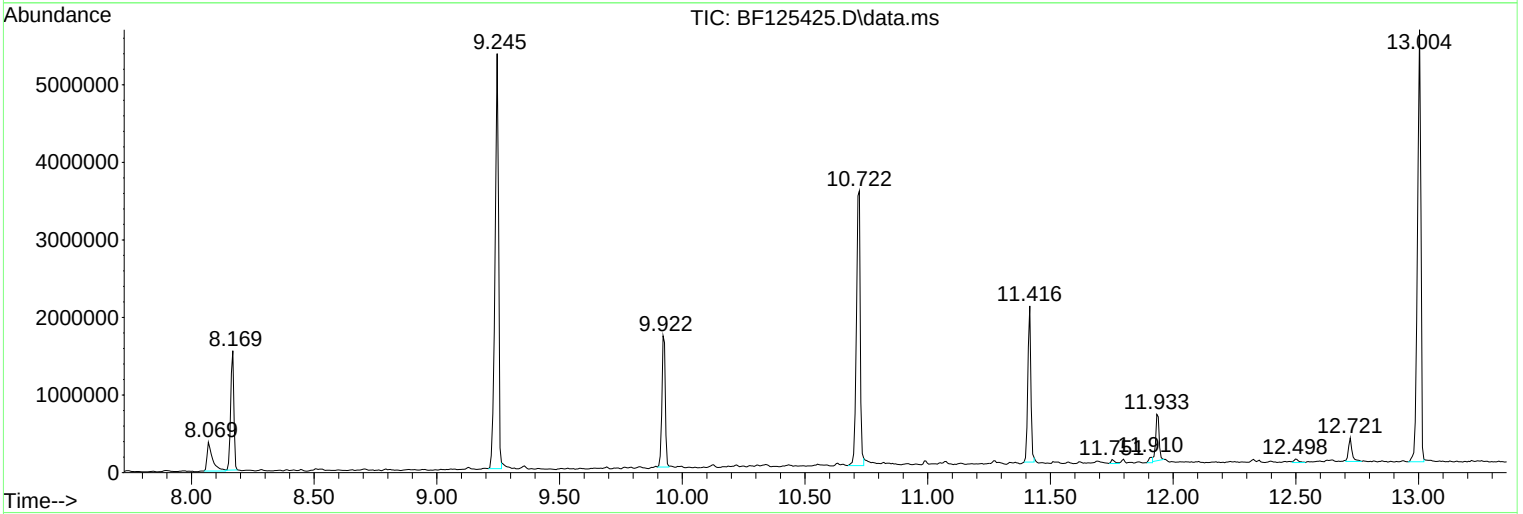
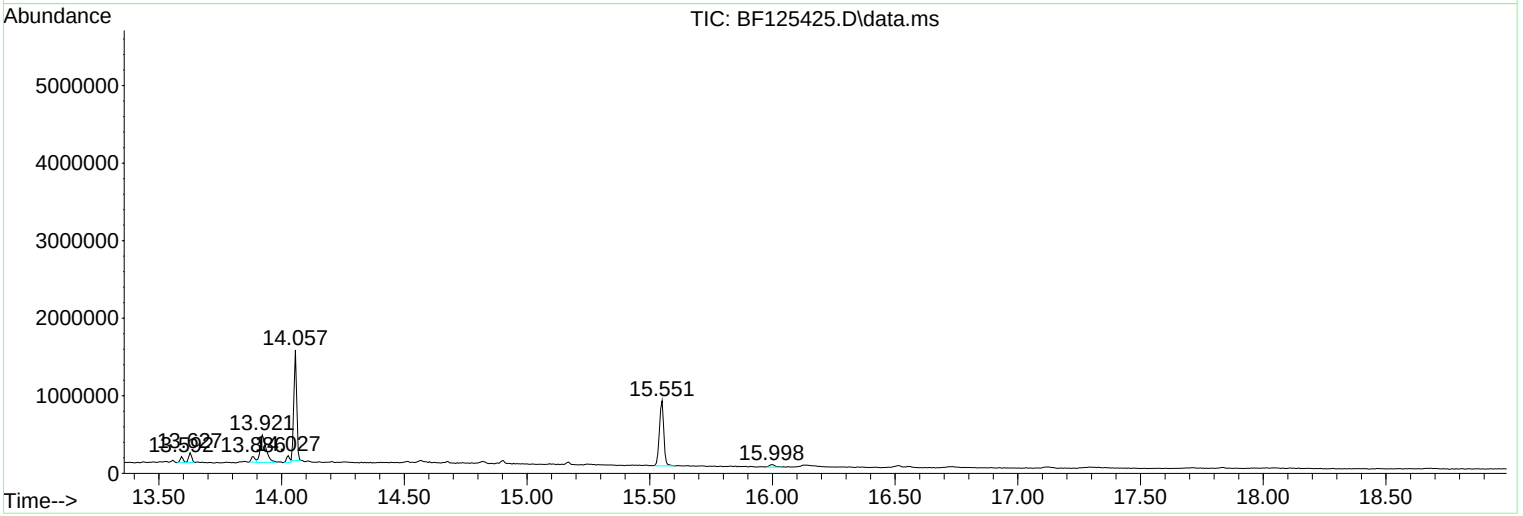
BNA_F
ClientSampleId :
FRAC-TANK-DISCHARGE

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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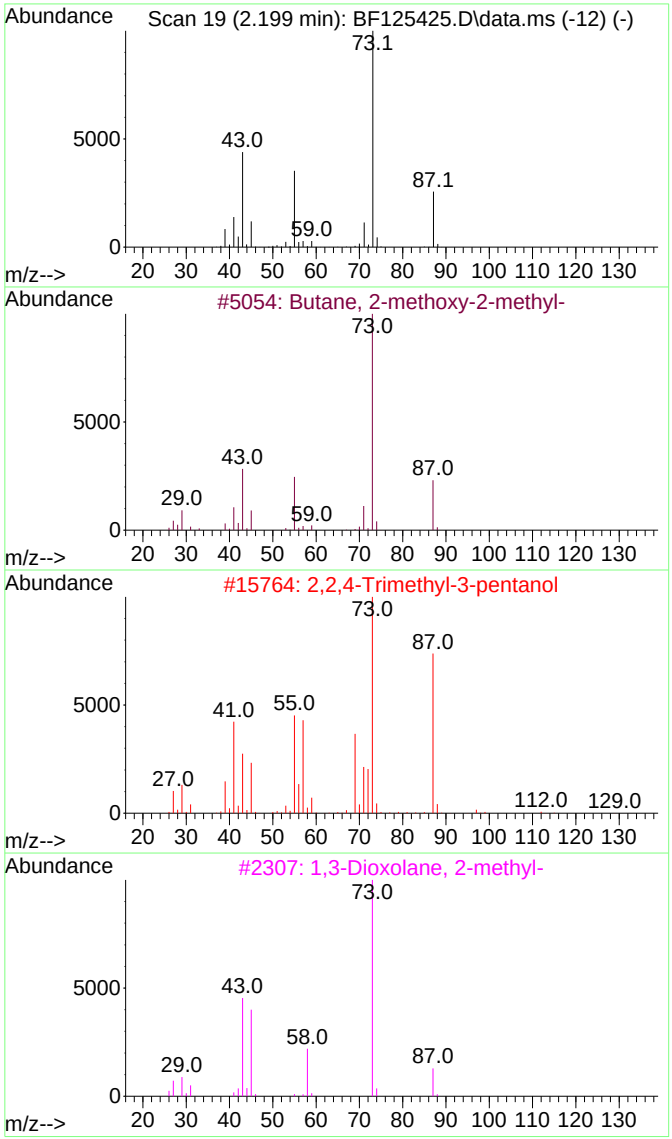
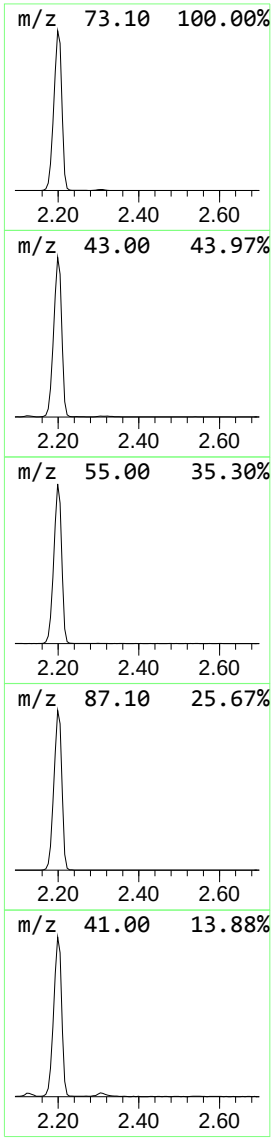
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	90.79 ng	4881550	1,4-Dichlorobenzene-d4	6.881

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	17
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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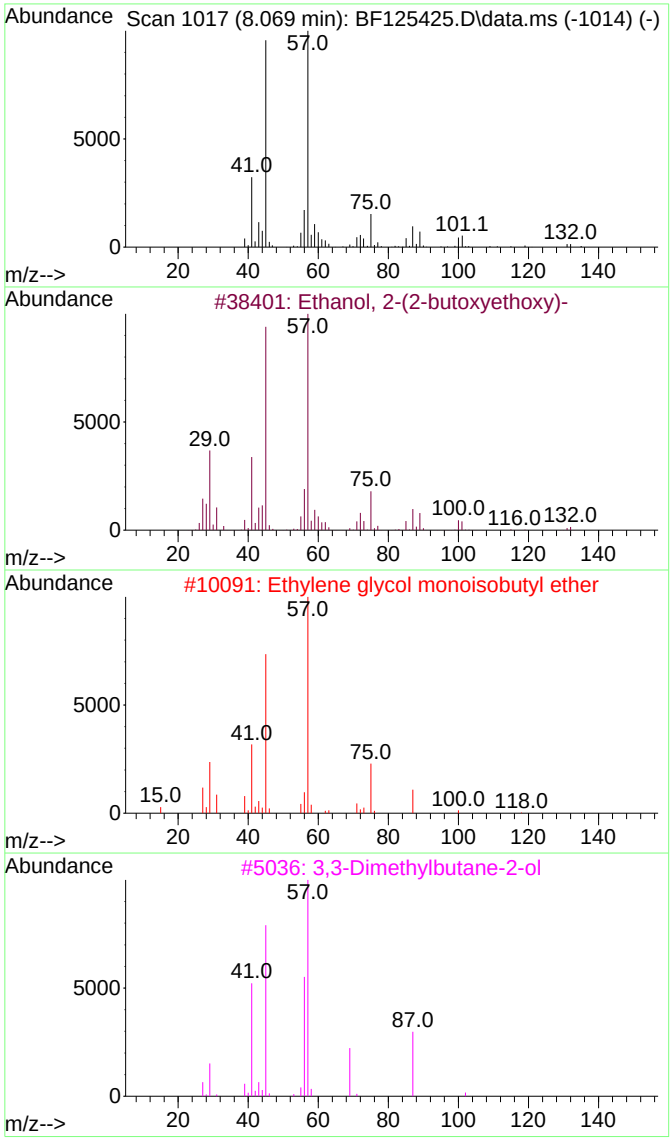
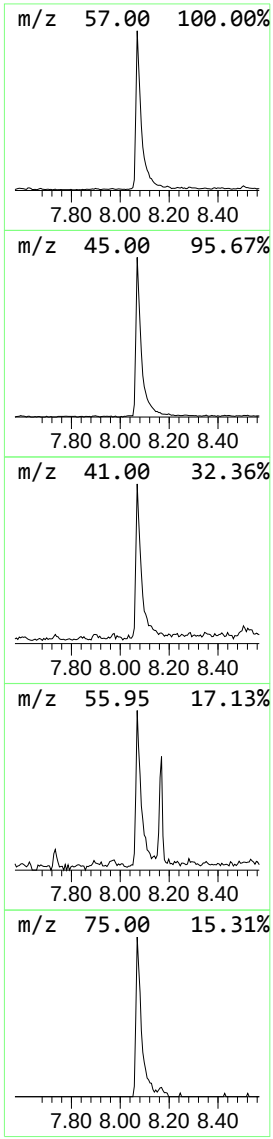
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	8.30 ng	577456	Naphthalene-d8	8.169

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	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Butyl lactate	146	C7H14O3	000138-22-7	47





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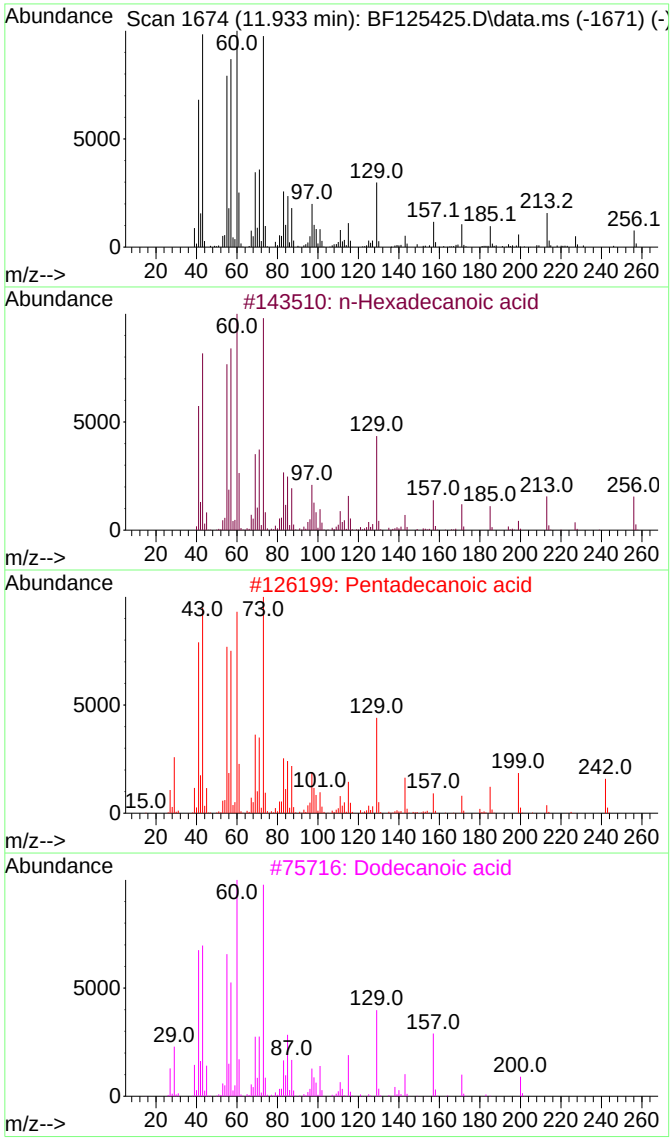
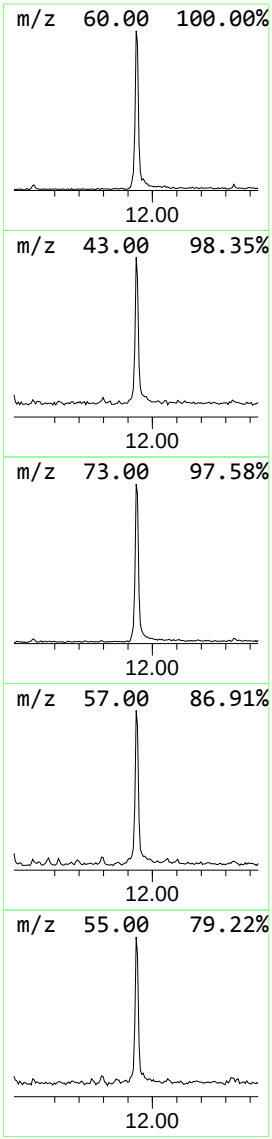
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.80 ng	585182	Phenanthrene-d10	11.416

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	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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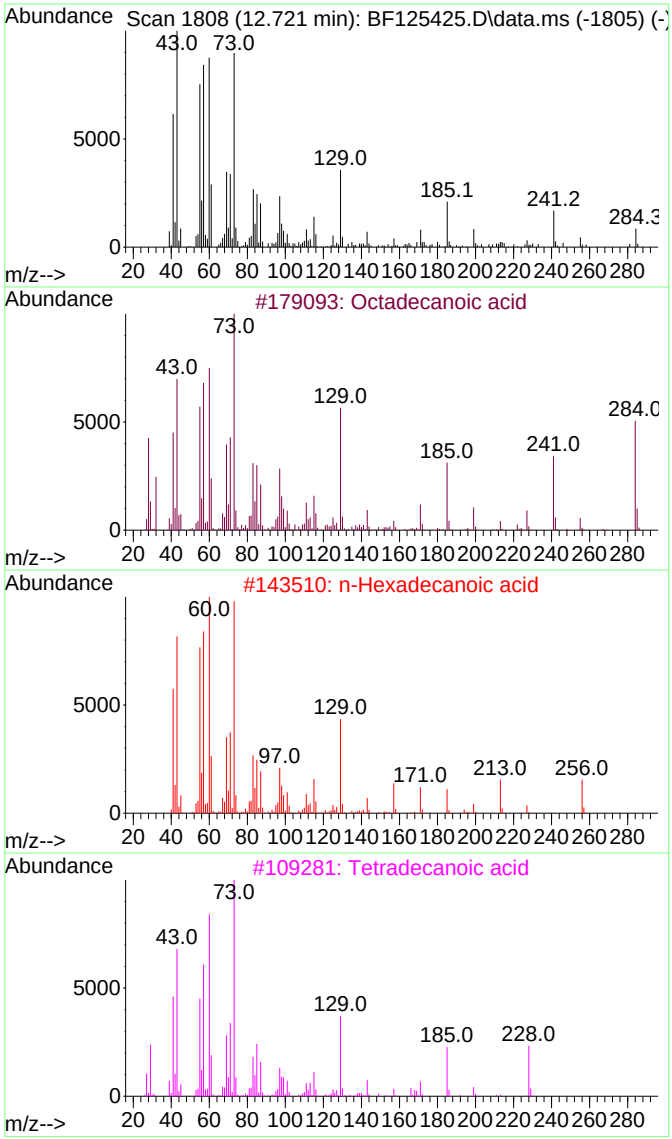
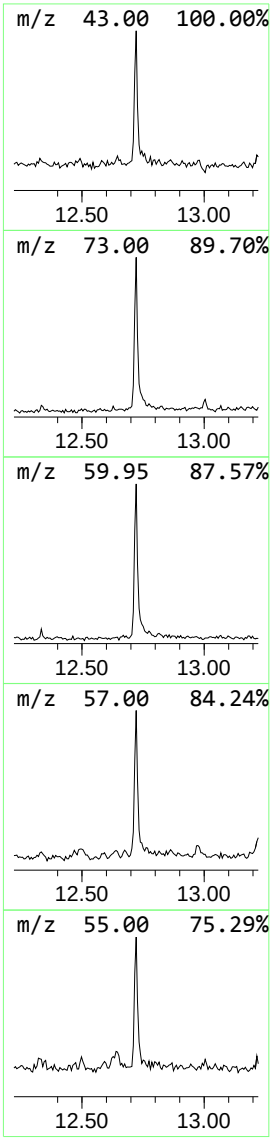
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	3.48 ng	299092	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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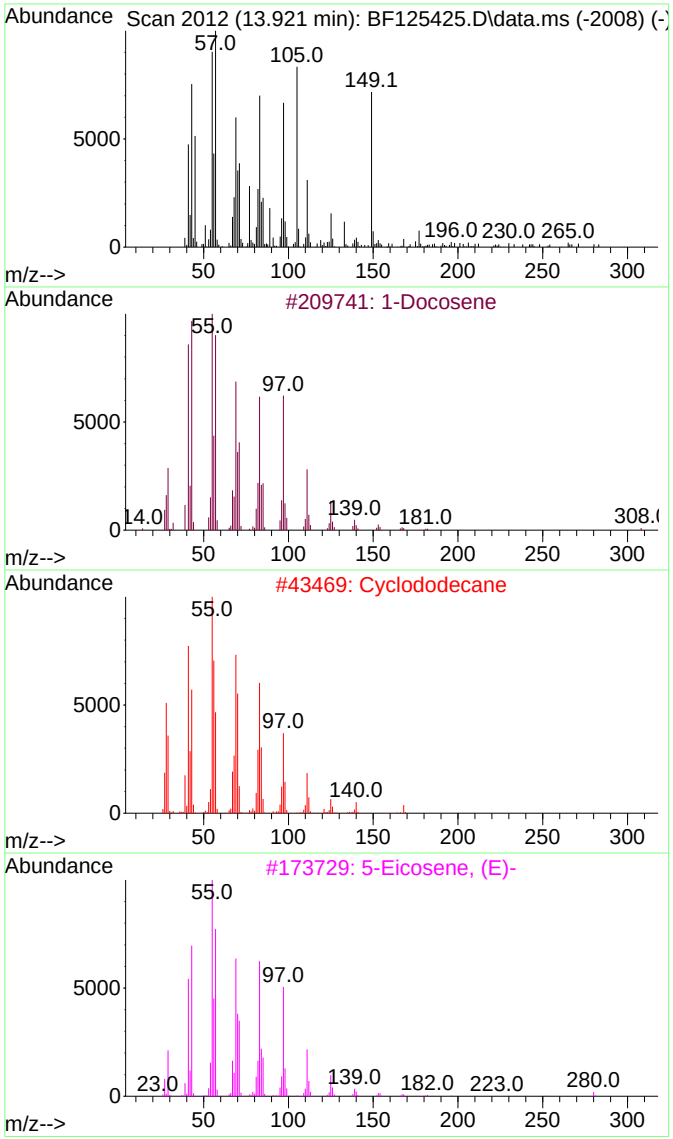
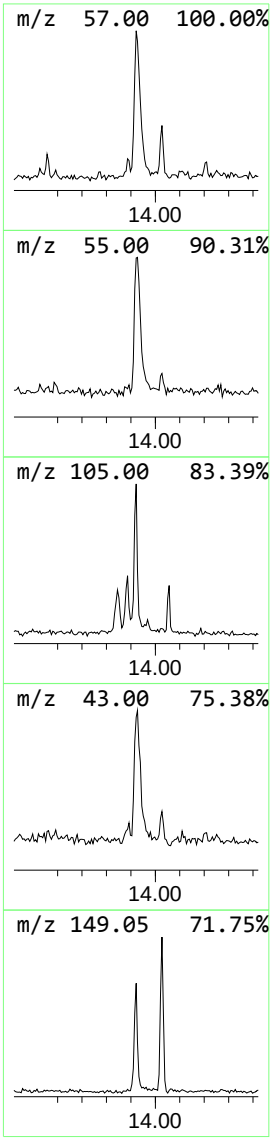
Peak Number 5 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	10.06 ng	591474	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	86
2	Cyclododecane	168	C12H24	000294-62-2	78
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	70
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
5	1-Tetracosene	336	C24H48	010192-32-2	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.199	90.8	ng	4881550	1	6.881	1075310	20.0
Ethanol, 2-(2-b...	8.069	8.3	ng	577456	2	8.169	1392110	20.0
n-Hexadecanoic ...	11.933	6.8	ng	585182	4	11.416	1720690	20.0
Octadecanoic acid	12.722	3.5	ng	299092	4	11.416	1720690	20.0
1-Docosene	13.921	10.1	ng	591474	5	14.057	1175880	20.0