LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
Data File : BF125675.D
Acq On : 27 Sep 2021 16:51
Operator : JU/CG
Sample : M3938-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-05(6-8)

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125675.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	15	21	28	rVB	1396115	1696653	30.83%	4.248%
2	5.510	576	582	585	rBV	4369548	4399962	79.95%	11.016%
3	6.510	746	752	755	rBV	4291323	4566300	82.97%	11.432%
4	6.887	812	816	820	rBV	1686084	1333418	24.23%	3.338%
5	7.445	906	911	914	rBV	3007717	2939498	53.41%	7.359%
6	8.069	1013	1017	1029	rBV	1437944	1159321	21.07%	2.902%
7	8.169	1029	1034	1037	rVV	2320222	1870745	33.99%	4.684%
8	9.245	1211	1217	1220	rBV	6436185	5503431	100.00%	13.778%
9	9.922	1327	1332	1336	rBV	2540944	2154414	39.15%	5.394%
10	10.710	1462	1466	1469	rBV	3870381	3342430	60.73%	8.368%
11	11.410	1581	1585	1588	rBV	2431277	2077112	37.74%	5.200%
12	11.798	1648	1651	1654	rBV	99231	77016	1.40%	0.193%
13	11.927	1670	1673	1684	rBV2	212871	257369	4.68%	0.644%
14	12.716	1803	1807	1816	rBV	64412	84784	1.54%	0.212%
15	12.992	1850	1854	1857	rBV	5479411	4891432	88.88%	12.246%
16	13.468	1929	1935	1943	rBV	961178	913567	16.60%	2.287%
17	13.898	2002	2008	2017	rBV4	52961	120632	2.19%	0.302%
18	14.039	2027	2032	2036	rBV	1451524	1389575	25.25%	3.479%
19	15.515	2278	2283	2288	rBV	932744	1164825	21.17%	2.916%

Sum of corrected areas: 39942484

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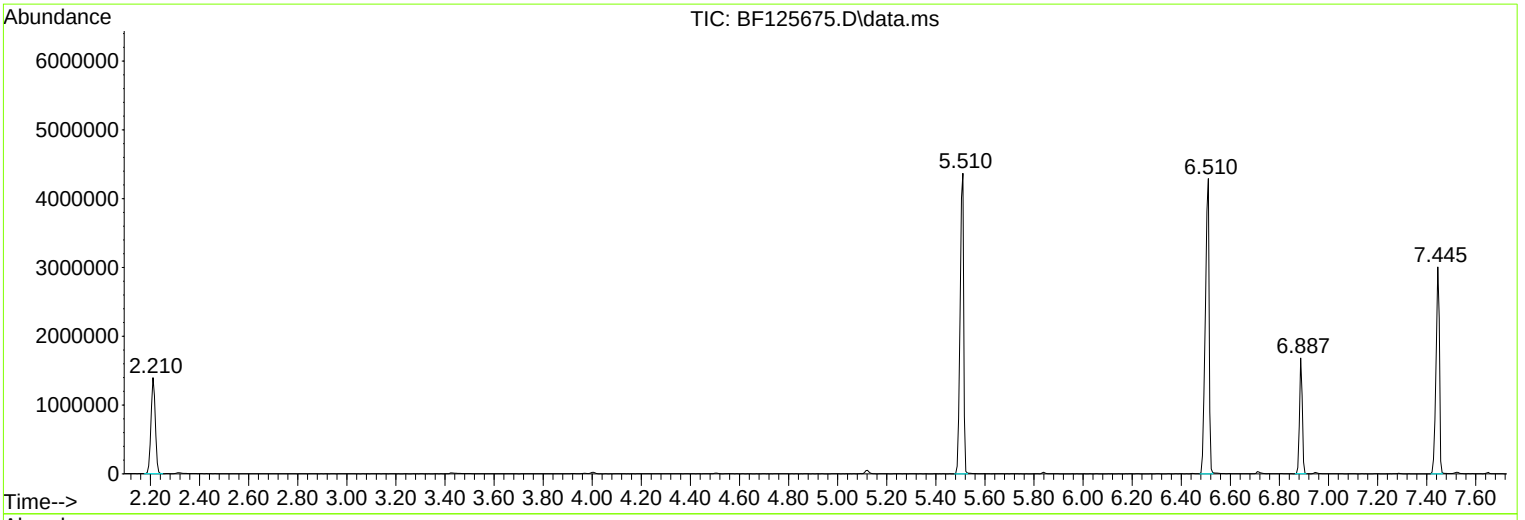
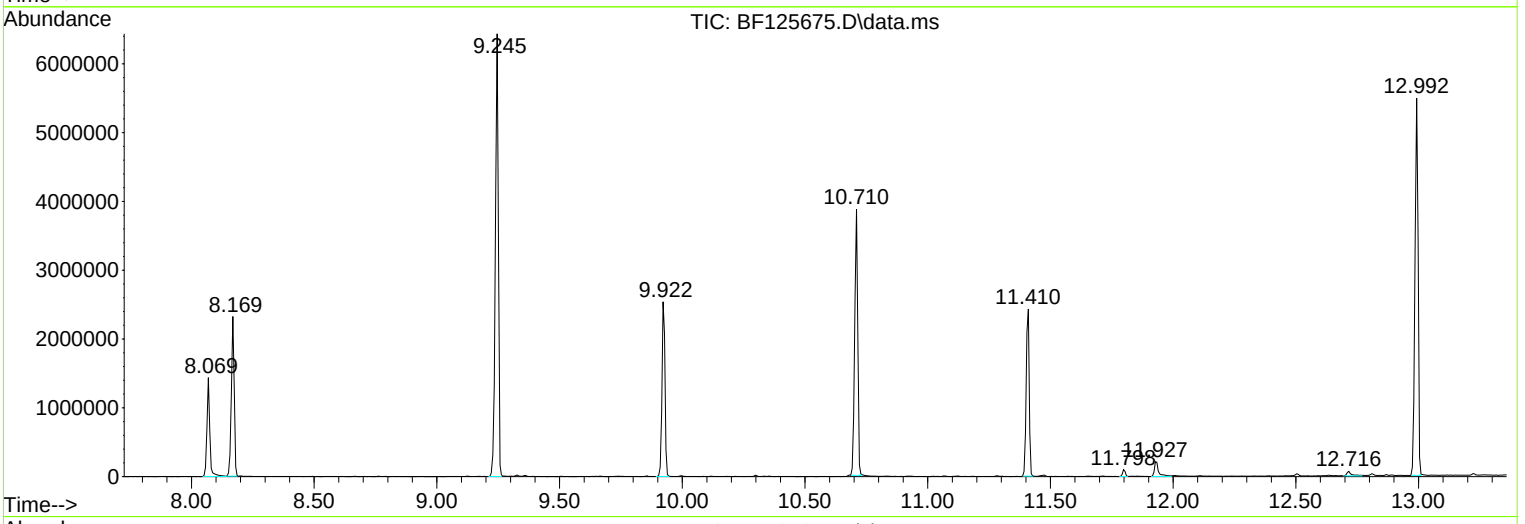
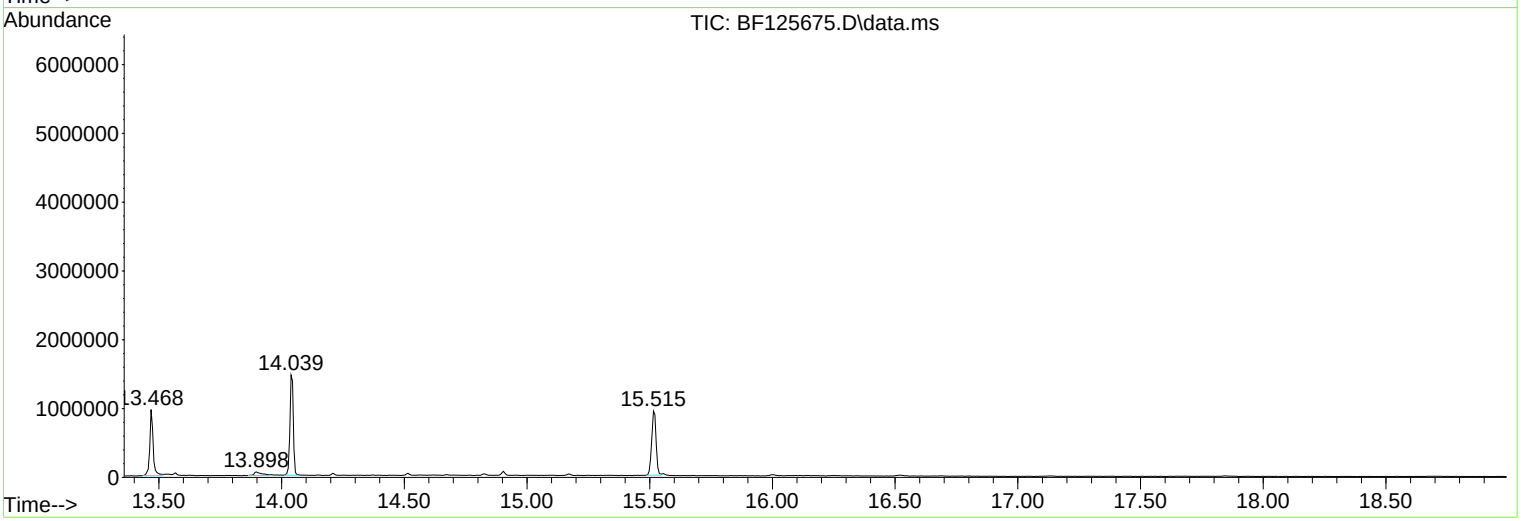
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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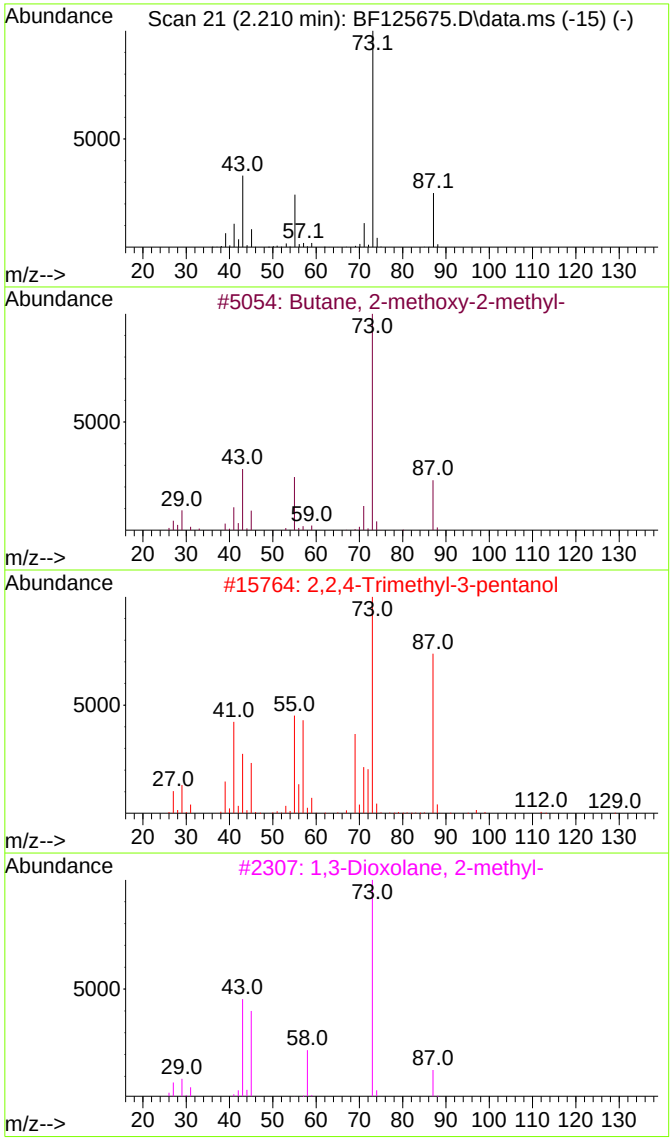
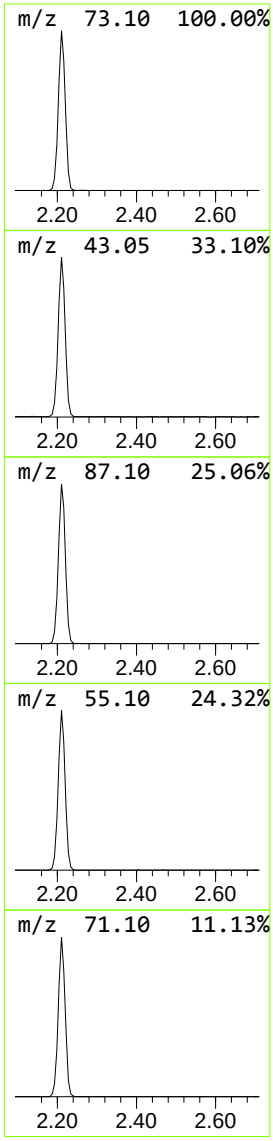
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	25.45 ng	1696650	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Instrument : BNA_F
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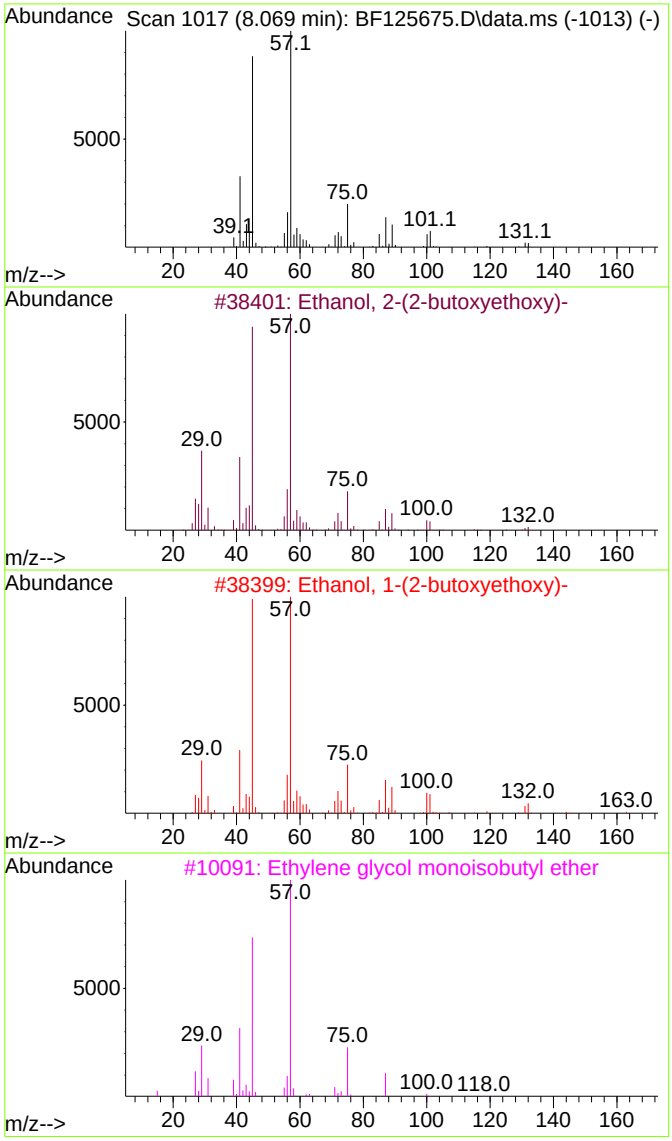
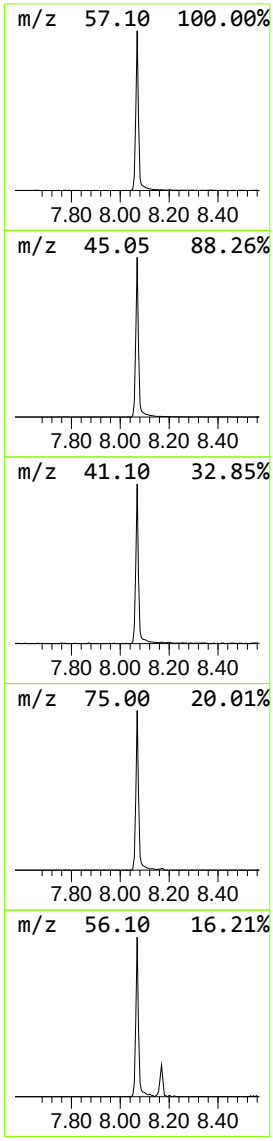
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	12.39 ng	1159320	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	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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Sample : M3938-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-05(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
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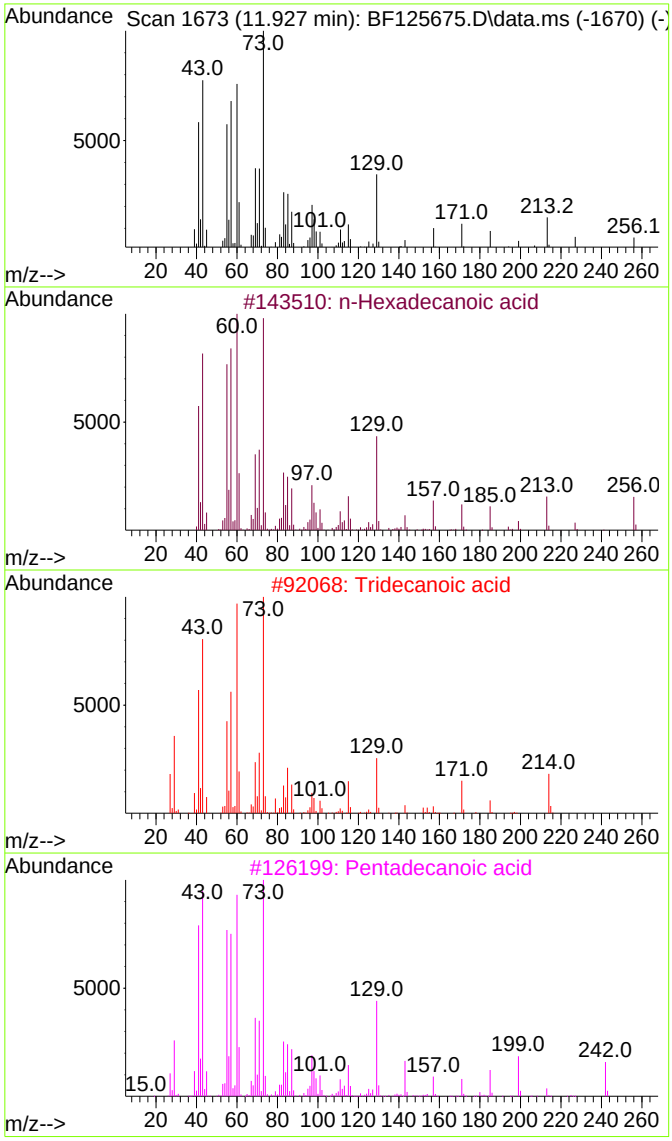
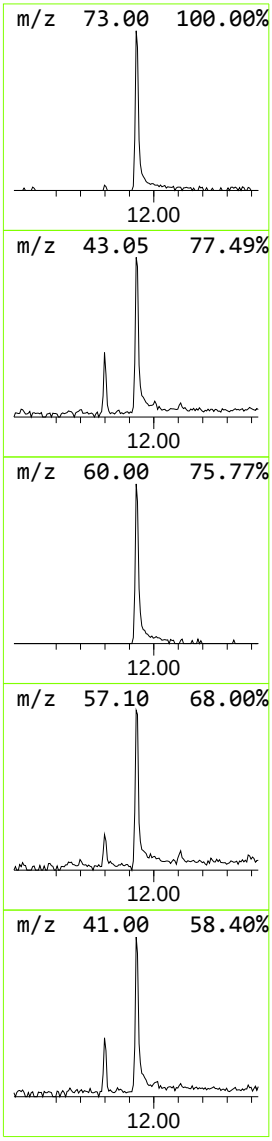
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.48 ng	257369	Phenanthrene-d10	11.410

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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Instrument :
BNA_F
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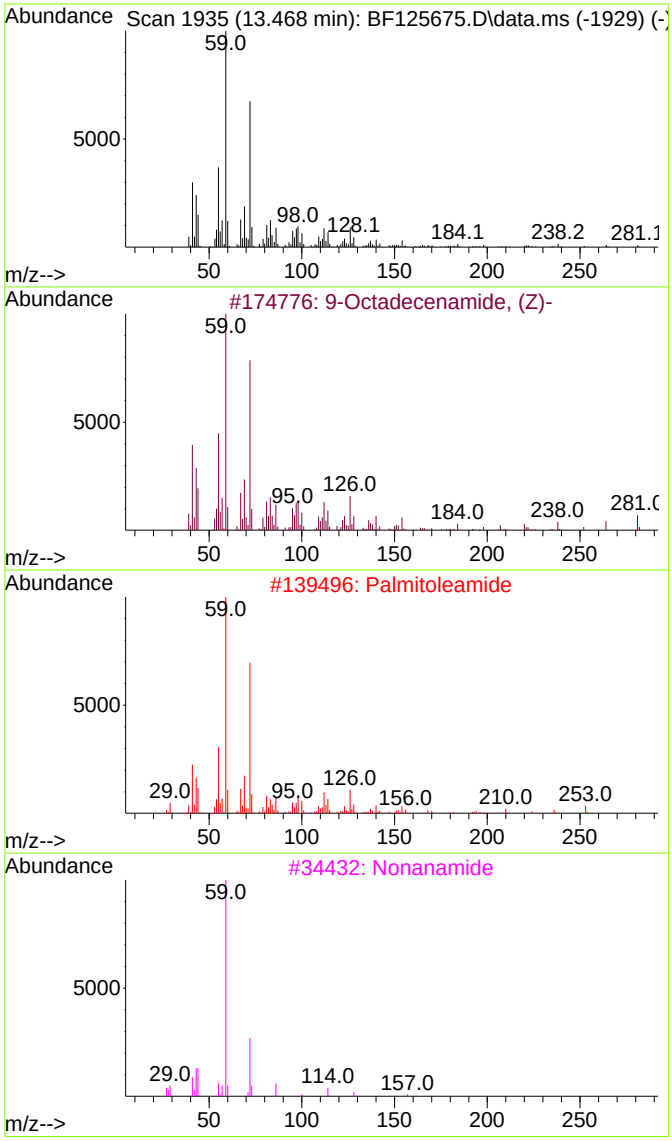
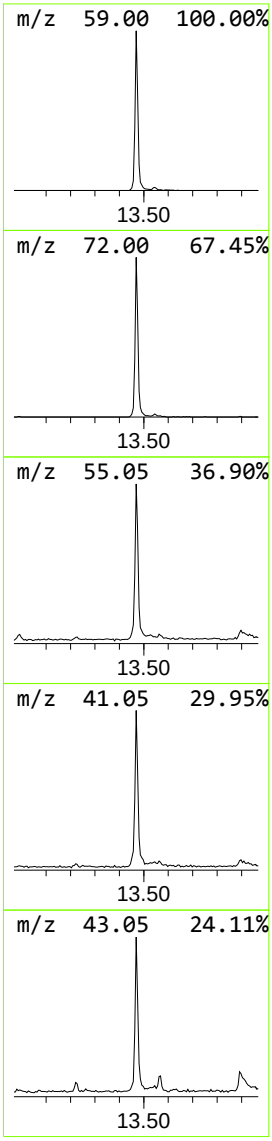
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	13.15 ng	913567	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Palmitoleamide	253	C16H31NO	106010-22-4	80
3	Nonanamide	157	C9H19NO	001120-07-6	53
4	Dodecanamide	199	C12H25NO	001120-16-7	53
5	Octadecanamide	283	C18H37NO	000124-26-5	53





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...	2.210	25.4	ng	1696650	1	6.887	1333420	20.0
Ethanol, 2-(2-b...	8.069	12.4	ng	1159320	2	8.169	1870750	20.0
n-Hexadecanoic ...	11.927	2.5	ng	257369	4	11.410	2077110	20.0
9-Octadecenamid...	13.469	13.2	ng	913567	5	14.039	1389580	20.0