LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125658.D
Acq On : 25 Sep 2021 15:58
Operator : JU/CG
Sample : M3922-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-03-(33-35)

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: BF125658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	8	15	20	rBV	1087465	1391398	30.95%	4.534%
2	5.504	576	581	584	rBV	3681436	3547577	78.92%	11.561%
3	6.504	746	751	754	rBV	3306692	3578284	79.60%	11.661%
4	6.887	812	816	819	rBV	1182150	891729	19.84%	2.906%
5	7.445	906	911	914	rBV	2571749	2287765	50.89%	7.455%
6	8.069	1013	1017	1020	rBV	937919	799198	17.78%	2.604%
7	8.169	1030	1034	1037	rVB	1441528	1232944	27.43%	4.018%
8	9.245	1212	1217	1220	rBV	4998323	4495242	100.00%	14.649%
9	9.922	1328	1332	1335	rBV	1843313	1417373	31.53%	4.619%
10	10.710	1462	1466	1469	rBV	2856472	2734365	60.83%	8.911%
11	11.404	1580	1584	1587	rBV	1797444	1396395	31.06%	4.550%
12	11.798	1648	1651	1654	rVB	80302	55838	1.24%	0.182%
13	11.927	1669	1673	1678	rBV	208247	184660	4.11%	0.602%
14	12.504	1764	1771	1774	rVB2	60896	55451	1.23%	0.181%
15	12.710	1803	1806	1819	rBV	55392	72140	1.60%	0.235%
16	12.992	1849	1854	1857	rBV	4769875	4191406	93.24%	13.659%
17	13.468	1926	1935	1941	rBV	139776	142802	3.18%	0.465%
18	13.892	2001	2007	2022	rBV	121150	238332	5.30%	0.777%
19	14.039	2028	2032	2036	rBV	1218006	1053320	23.43%	3.432%
20	15.515	2277	2283	2288	rBV	739862	920495	20.48%	3.000%

Sum of corrected areas: 30686714

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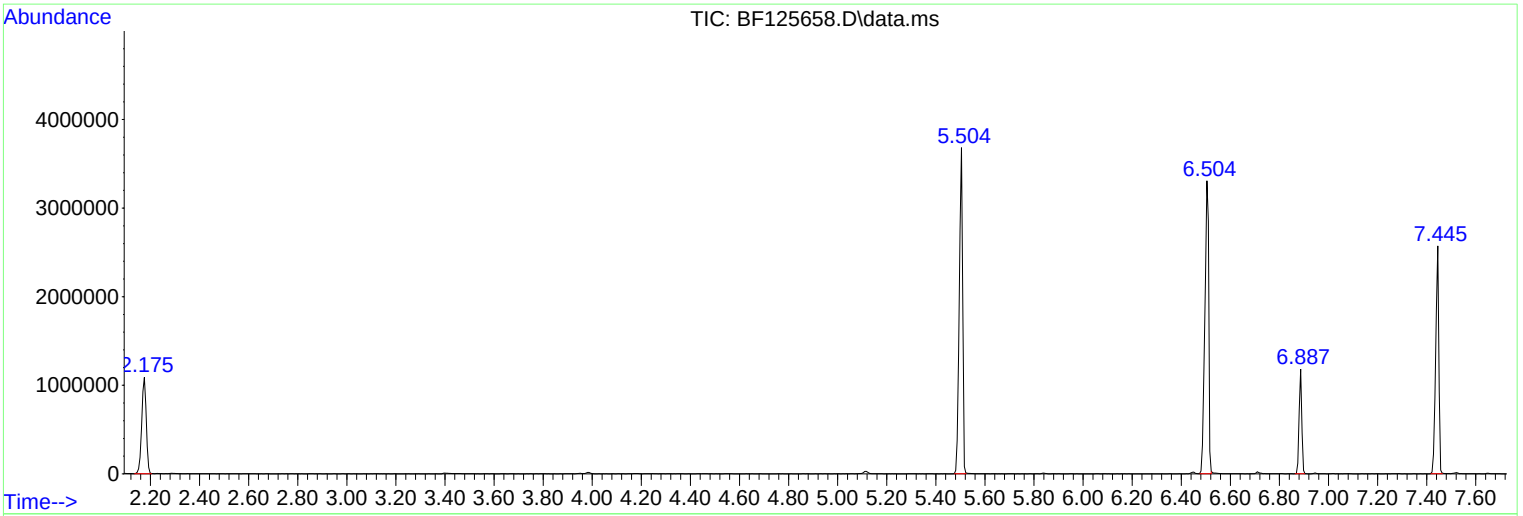
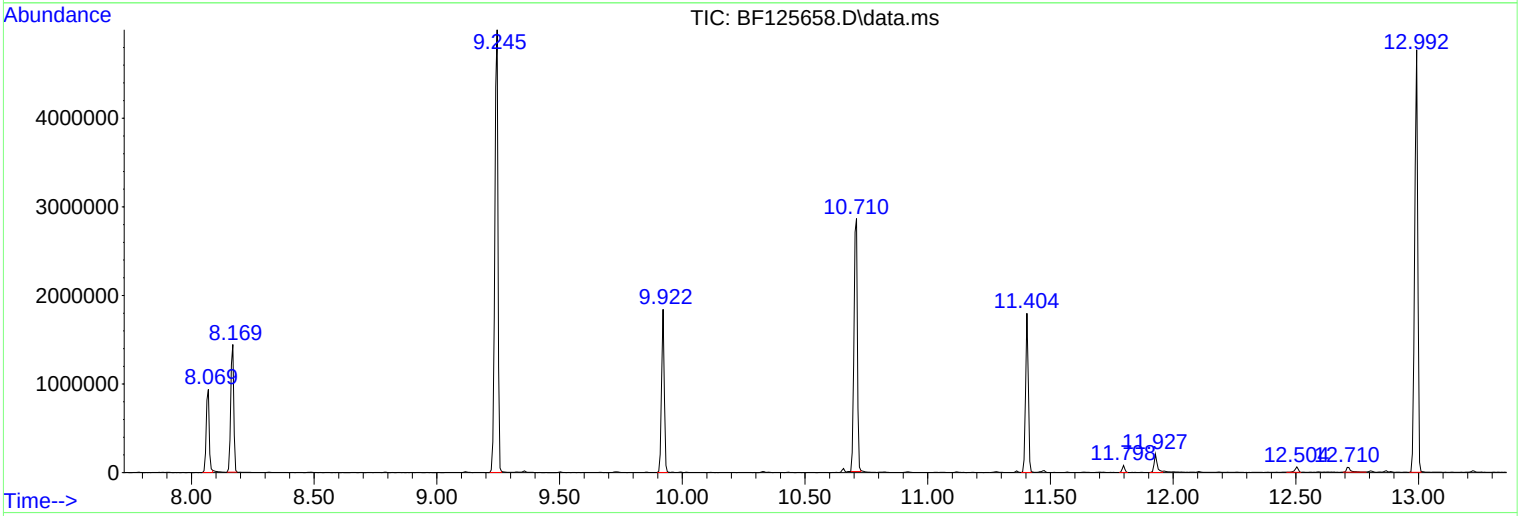
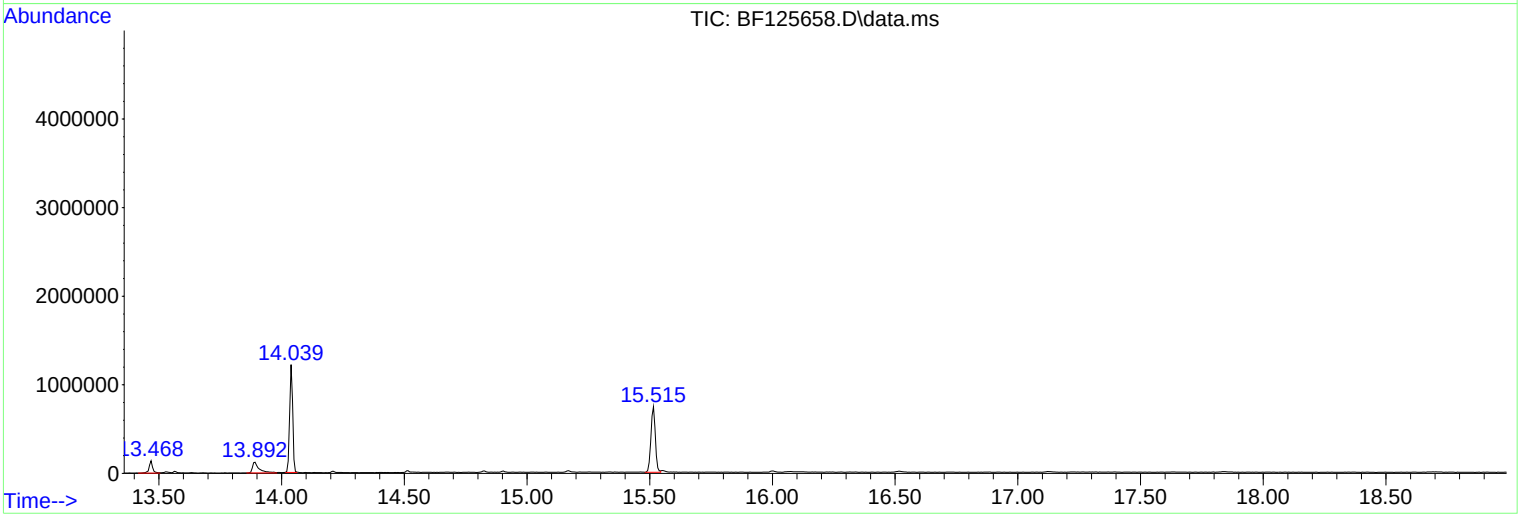
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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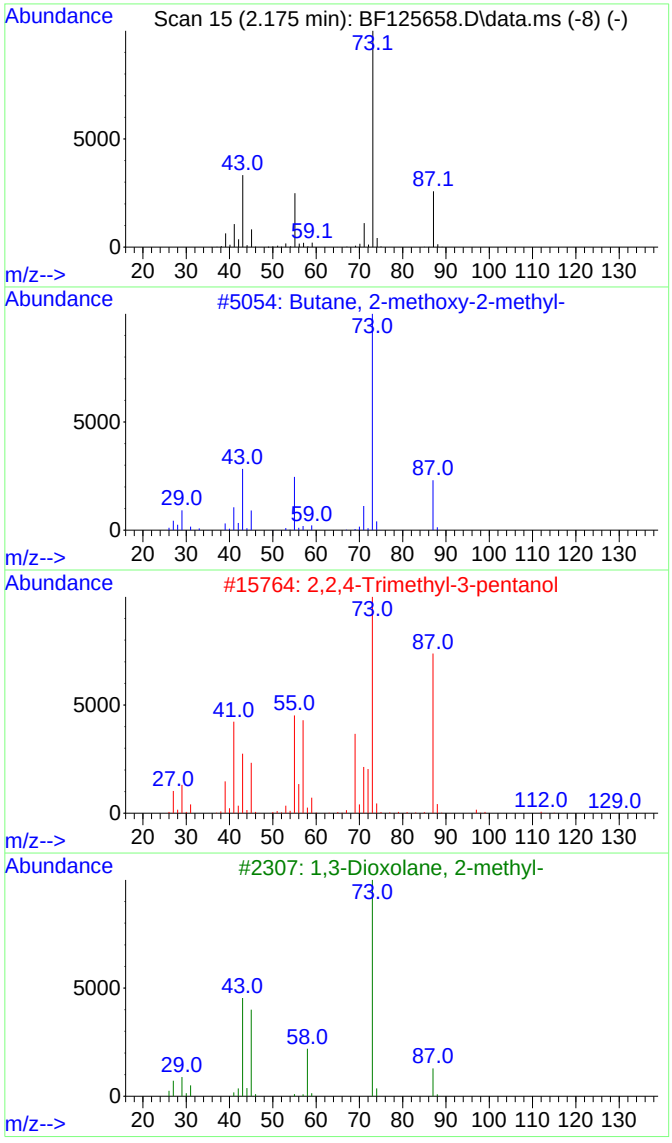
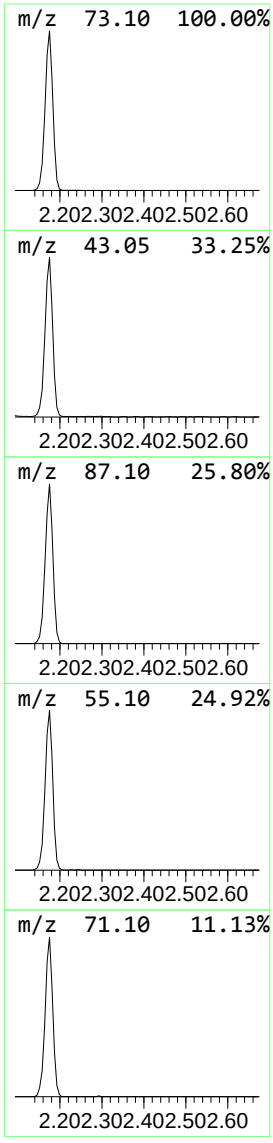
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	31.21 ng	1391400	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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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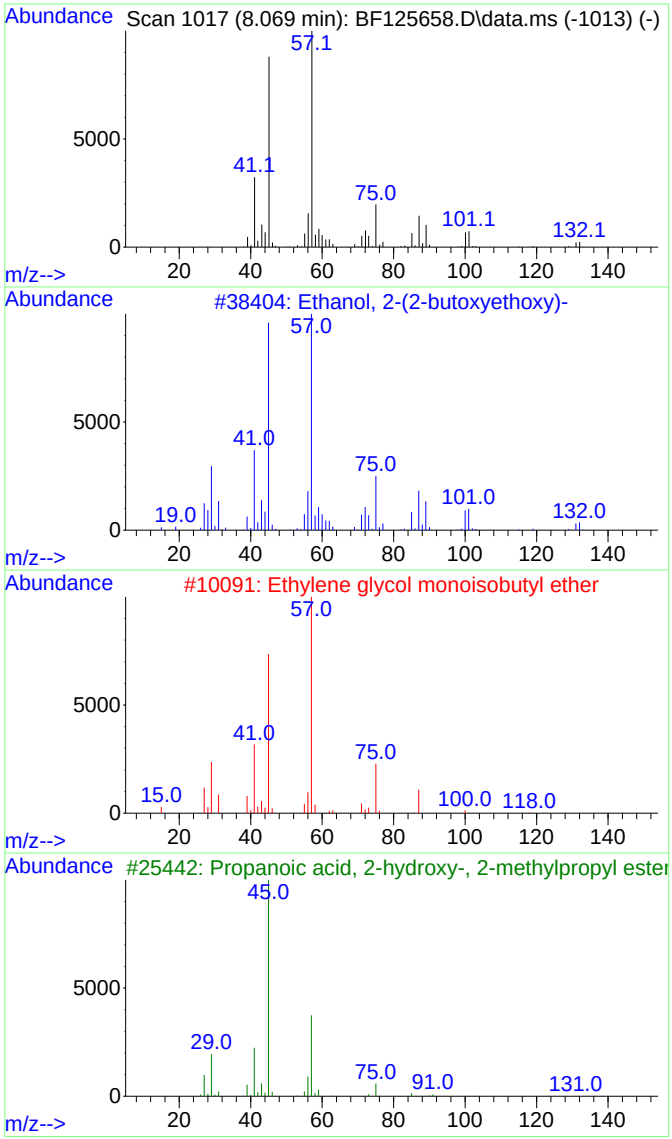
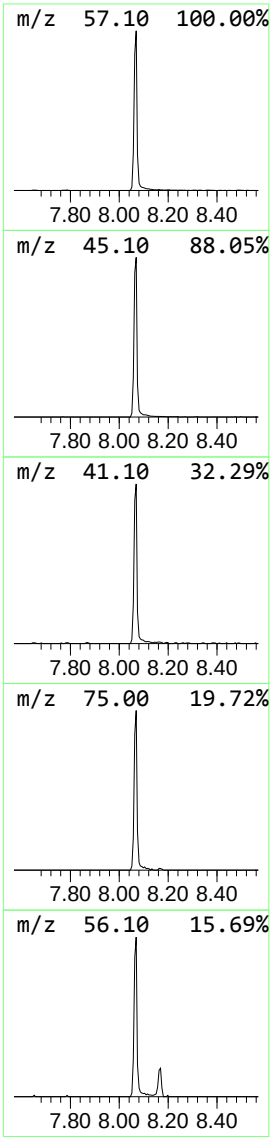
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	12.96 ng	799198	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50





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Instrument : BNA_F
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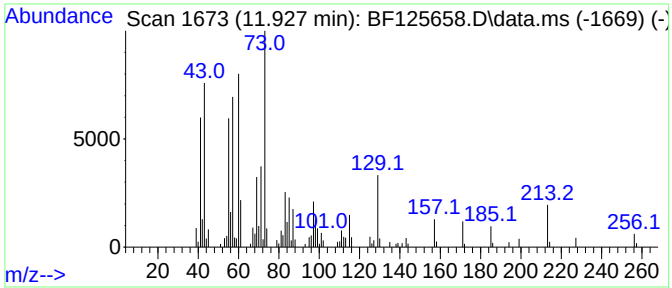
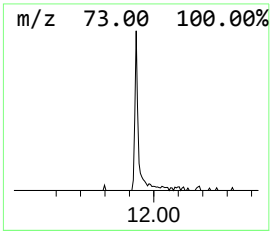
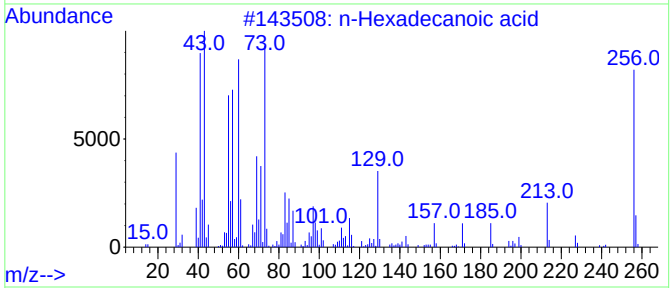
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

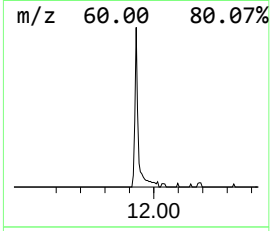
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.64 ng	184660	Phenanthrene-d10	11.404

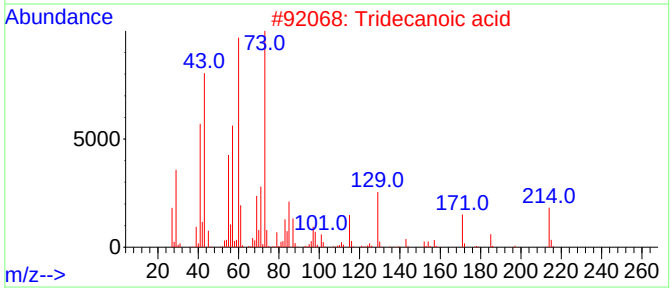
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	38

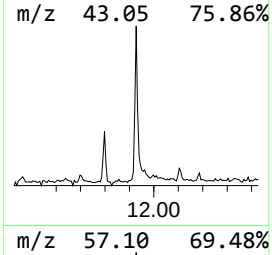


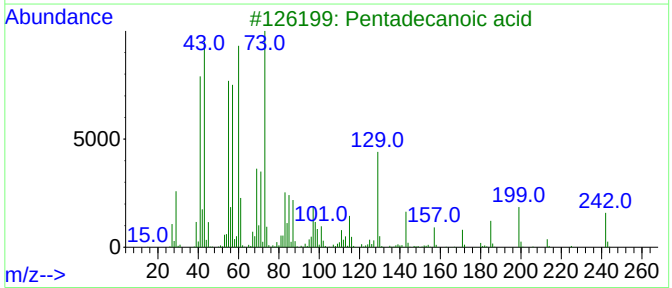


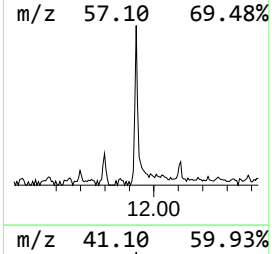


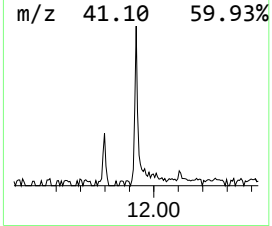












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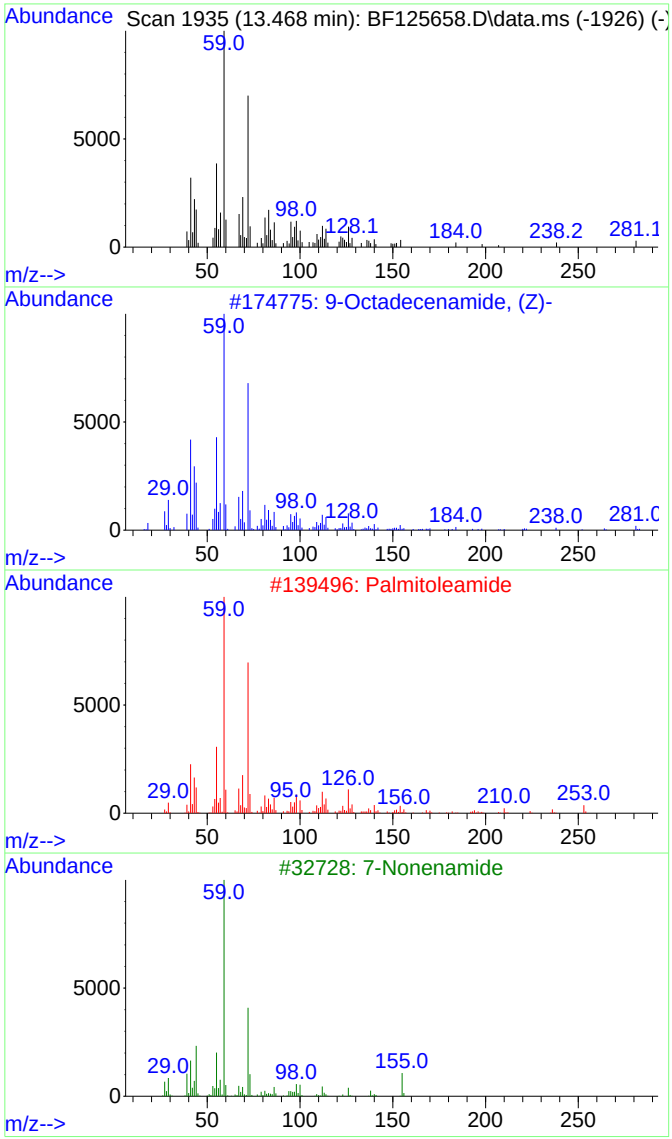
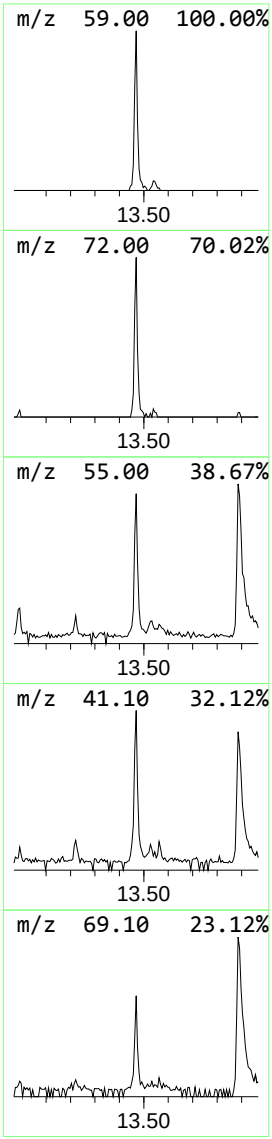
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	2.71 ng	142802	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Palmitoleamide	253	C16H31NO	106010-22-4	72
3	7-Nonenamide	155	C9H17NO	090949-53-4	64
4	Dodecanamide	199	C12H25NO	001120-16-7	50
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50





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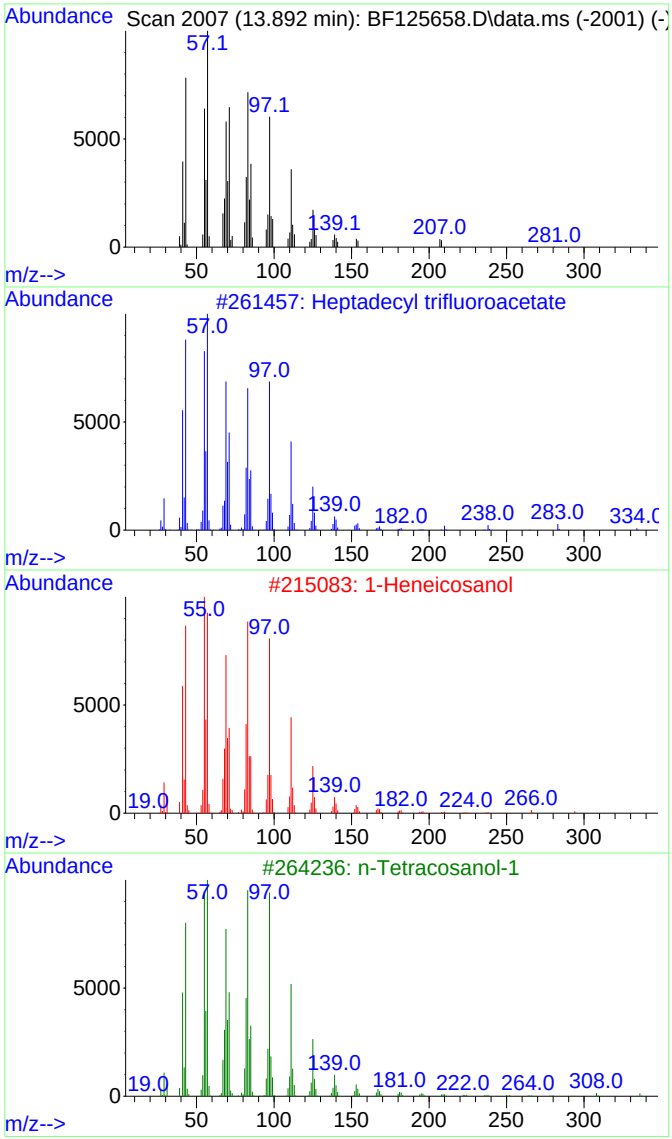
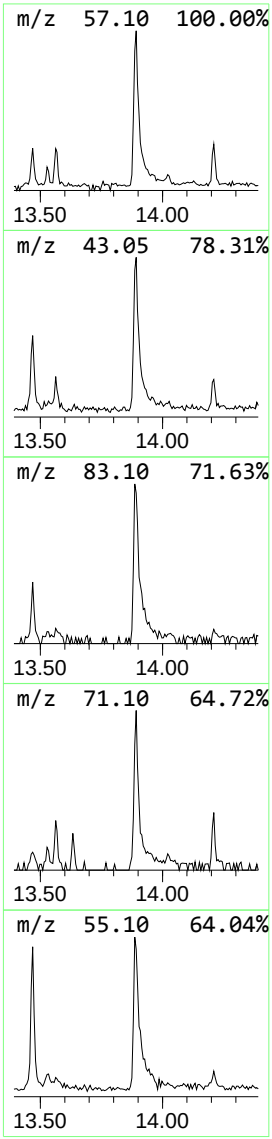
****
Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	4.53 ng	238332	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91





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...	2.175	31.2	ng	1391400	1	6.887	891729	20.0
Ethanol, 2-(2-b...	8.069	13.0	ng	799198	2	8.169	1232940	20.0
n-Hexadecanoic ...	11.927	2.6	ng	184660	4	11.404	1396400	20.0
9-Octadecenamid...	13.469	2.7	ng	142802	5	14.039	1053320	20.0
Heptadecyl trif...	13.892	4.5	ng	238332	5	14.039	1053320	20.0