LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140018.D
Acq On : 24 Oct 2024 23:26
Operator : RC/JU
Sample : P4487-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F27

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	7	15	22	rVB	443087	696013	34.13%	4.767%
2	5.116	506	514	521	rBV2	15505	23580	1.16%	0.161%
3	5.504	574	580	585	rBV	1403286	1862631	91.34%	12.757%
4	5.628	595	601	609	rVB	18445	29856	1.46%	0.204%
5	5.992	658	663	671	rVB	62256	90084	4.42%	0.617%
6	6.128	676	686	693	rVB3	14558	30603	1.50%	0.210%
7	6.269	706	710	711	rBV	28553	32315	1.58%	0.221%
8	6.287	711	713	718	rVB	36946	46533	2.28%	0.319%
9	6.504	744	750	756	rBV	1330193	1887871	92.57%	12.930%
10	6.887	810	815	820	rBV	380959	467783	22.94%	3.204%
11	7.445	904	910	915	rBV	951316	1252386	61.41%	8.578%
12	7.698	948	953	957	rBV	46632	54706	2.68%	0.375%
13	8.169	1028	1033	1038	rBV	488956	595540	29.20%	4.079%
14	9.245	1210	1216	1226	rBV	1583375	2039335	100.00%	13.967%
15	9.922	1326	1331	1344	rBV	507967	641110	31.44%	4.391%
16	10.633	1447	1452	1460	rBV	281615	356595	17.49%	2.442%
17	10.710	1460	1465	1478	rVV	925533	1169271	57.34%	8.008%
18	10.945	1494	1505	1509	rBV	24808	32153	1.58%	0.220%
19	11.410	1579	1584	1590	rBV	444063	544056	26.68%	3.726%
20	11.933	1667	1673	1686	rBV	147338	231555	11.35%	1.586%
21	12.716	1802	1806	1814	rBV	21712	36865	1.81%	0.252%
22	12.992	1848	1853	1861	rBV	1089154	1387998	68.06%	9.506%
23	13.898	2002	2007	2019	rBV	49190	114483	5.61%	0.784%
24	14.045	2027	2032	2040	rBV	295701	396189	19.43%	2.713%
25	14.810	2157	2162	2169	rBV	48080	85746	4.20%	0.587%
26	15.527	2278	2284	2298	rVB	301245	495544	24.30%	3.394%

Sum of corrected areas: 14600801

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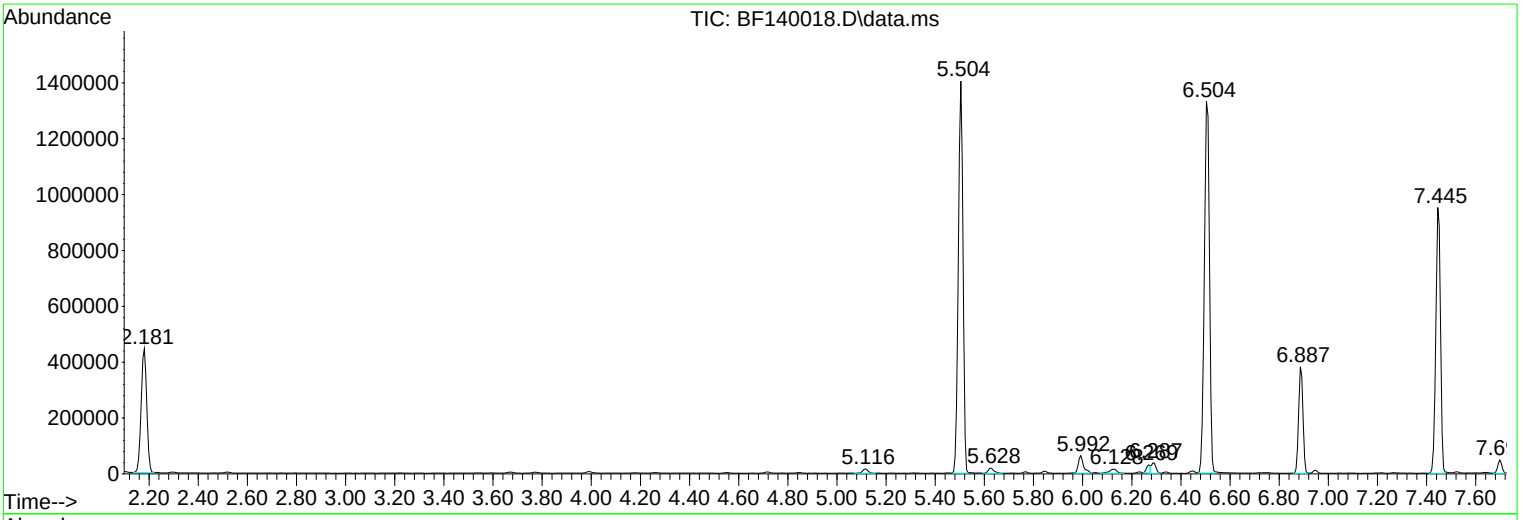
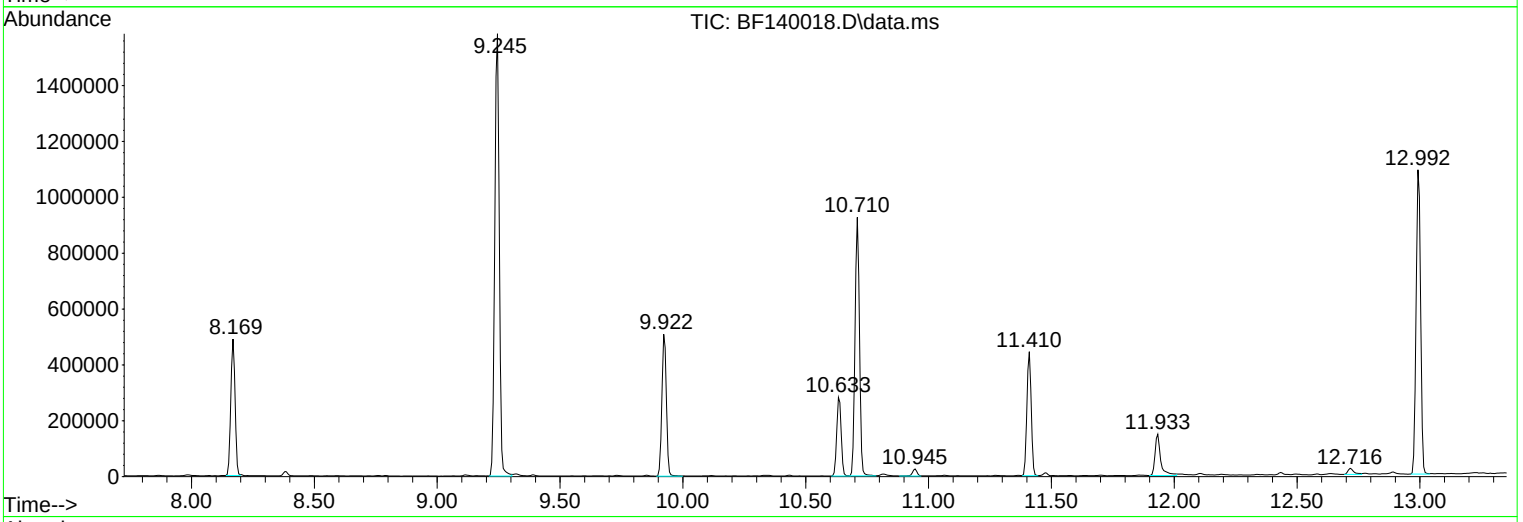
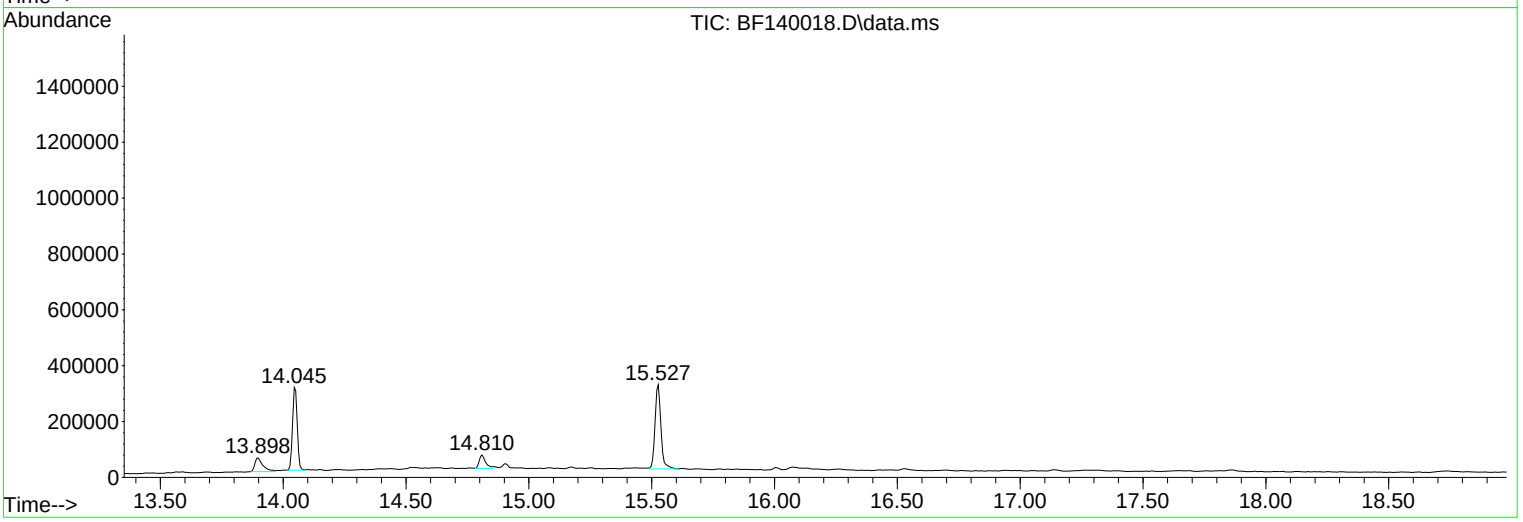
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Library : C:\Database\NIST20.L
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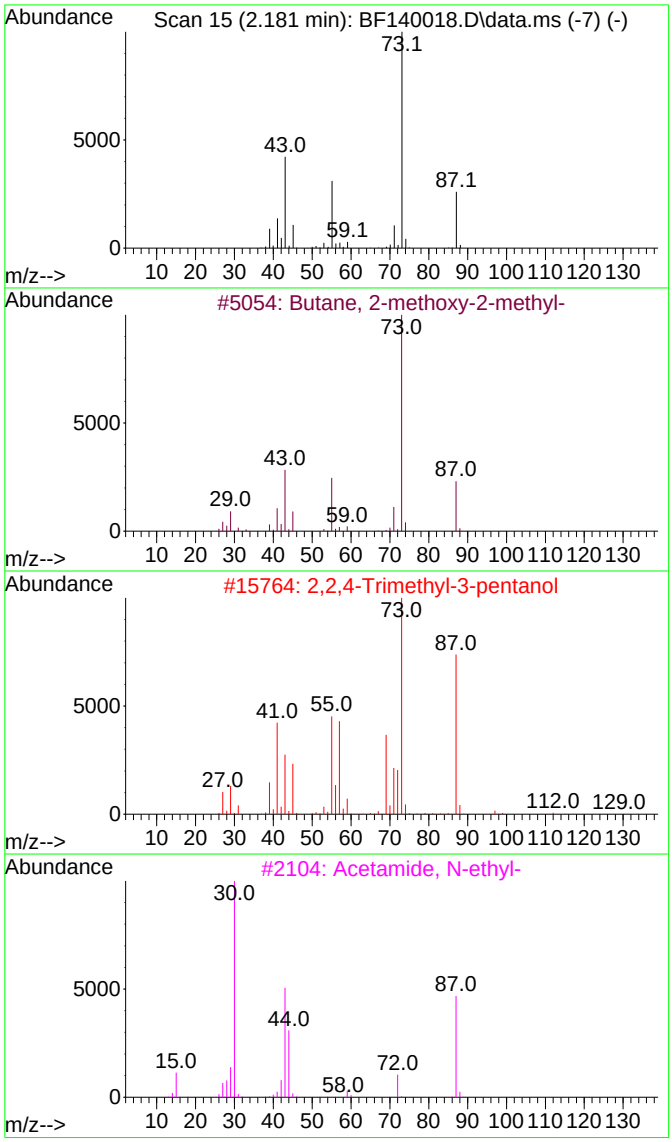
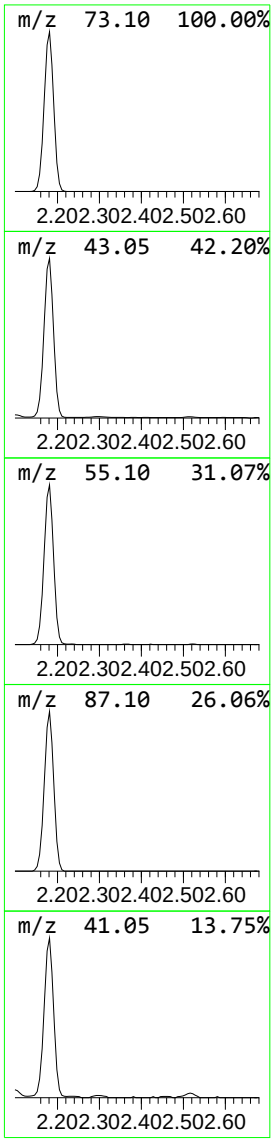
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	29.76 ng	696013	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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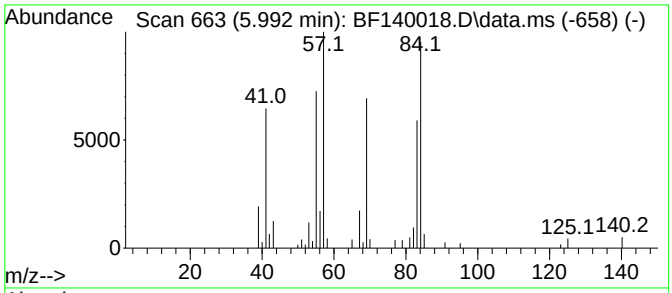
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

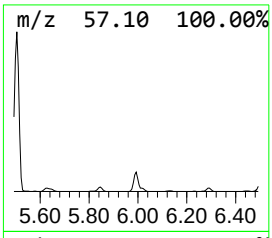
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

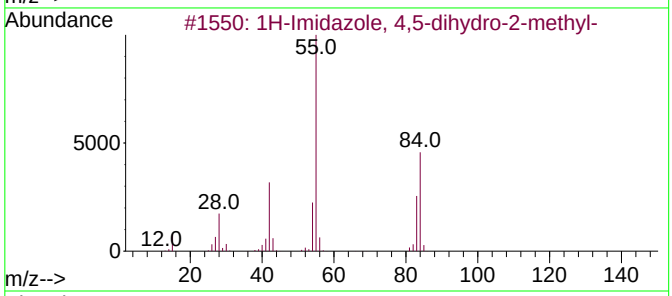
****
Peak Number 2 1H-Imidazole, 4,5-dihydro-2... Concentration Rank 5

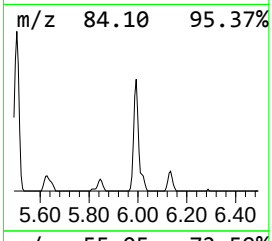
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.992	3.85 ng	90084	1,4-Dichlorobenzene-d4	6.887

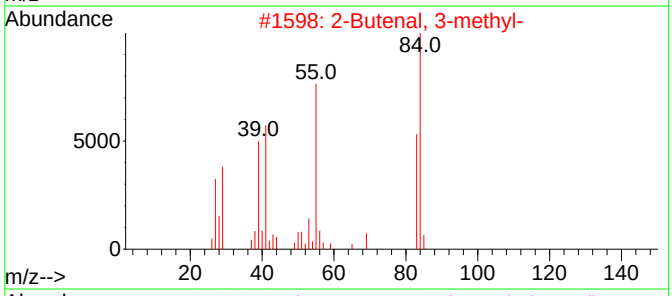
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4,5-dihydro-2-methyl-	84	C4H8N2	000534-26-9	59
2	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	53
3	Cyclopentanone, 2-(1-methylpropyl)-	140	C9H16O	006376-92-7	50
4	3-Ethyl-2-methyl-1-heptene	140	C10H20	019780-60-0	49
5	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	47

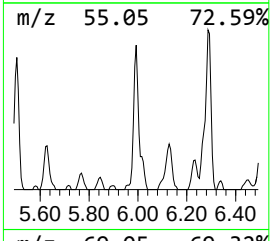


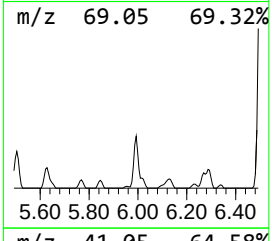


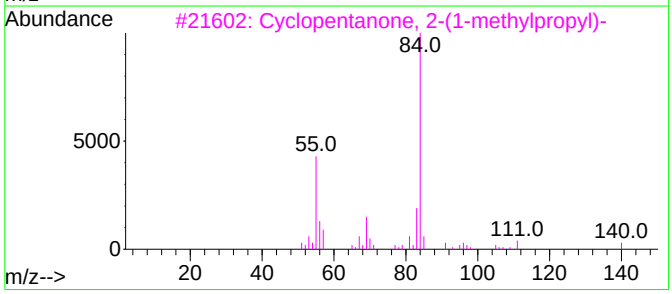


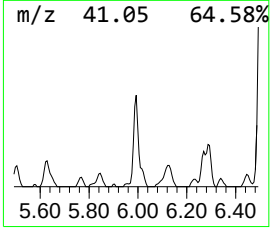












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Instrument :
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BP-F27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

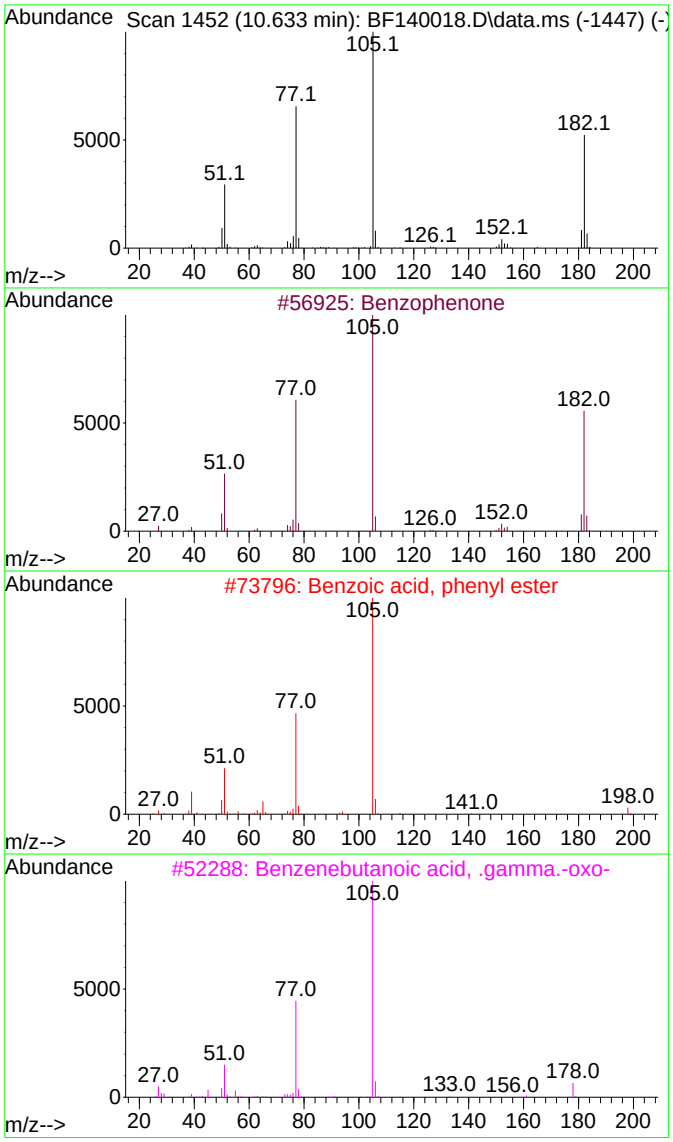
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

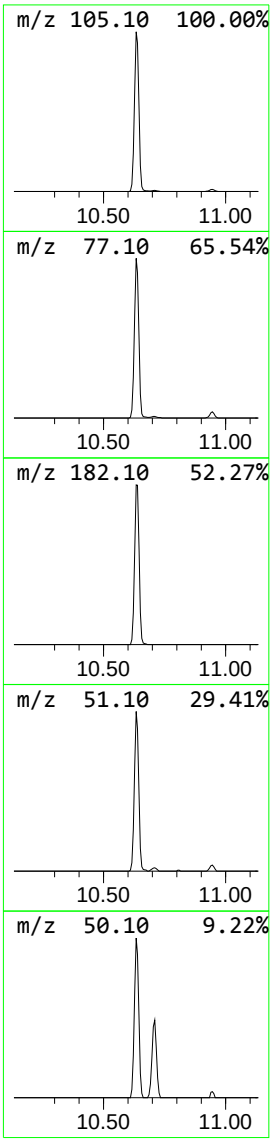
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	11.12 ng	356595	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	50
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	50
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	50





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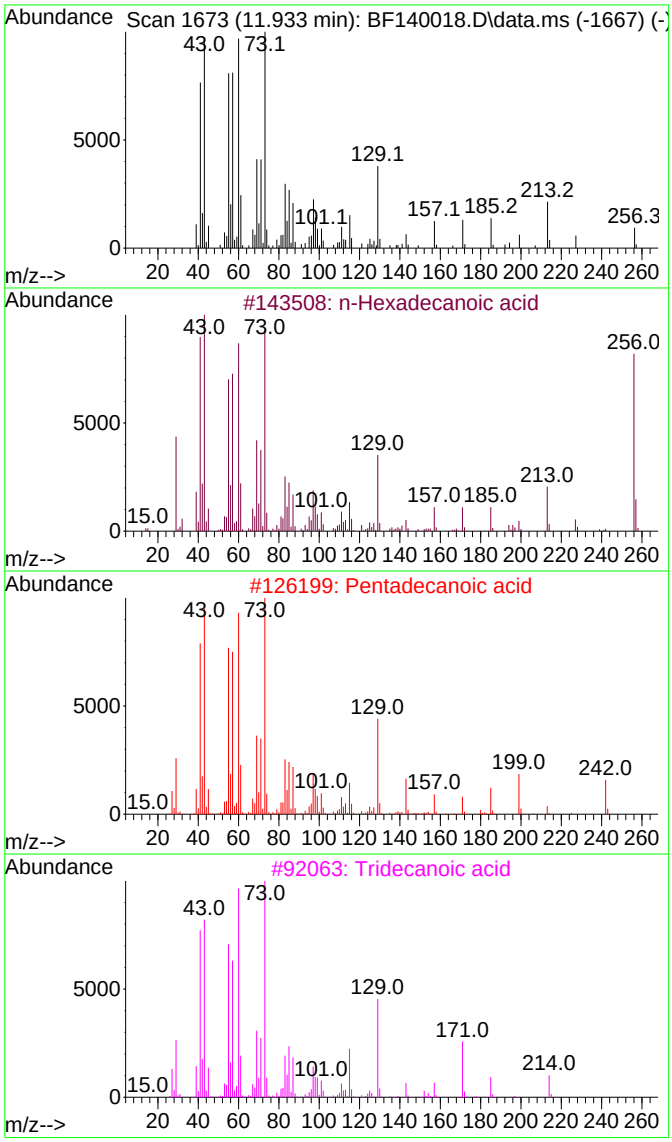
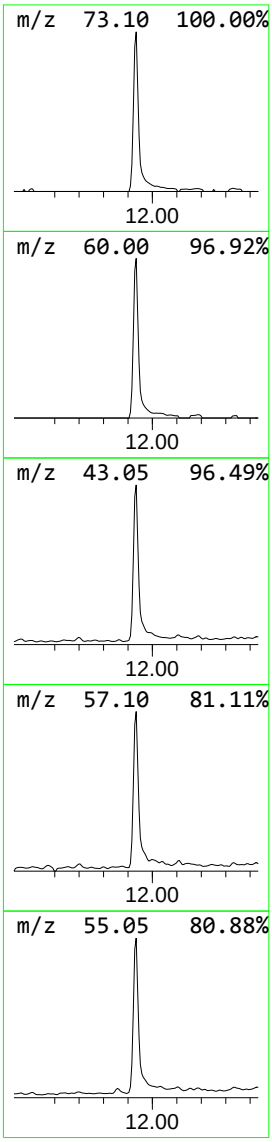
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	8.51 ng	231555	Phenanthrene-d10	11.410

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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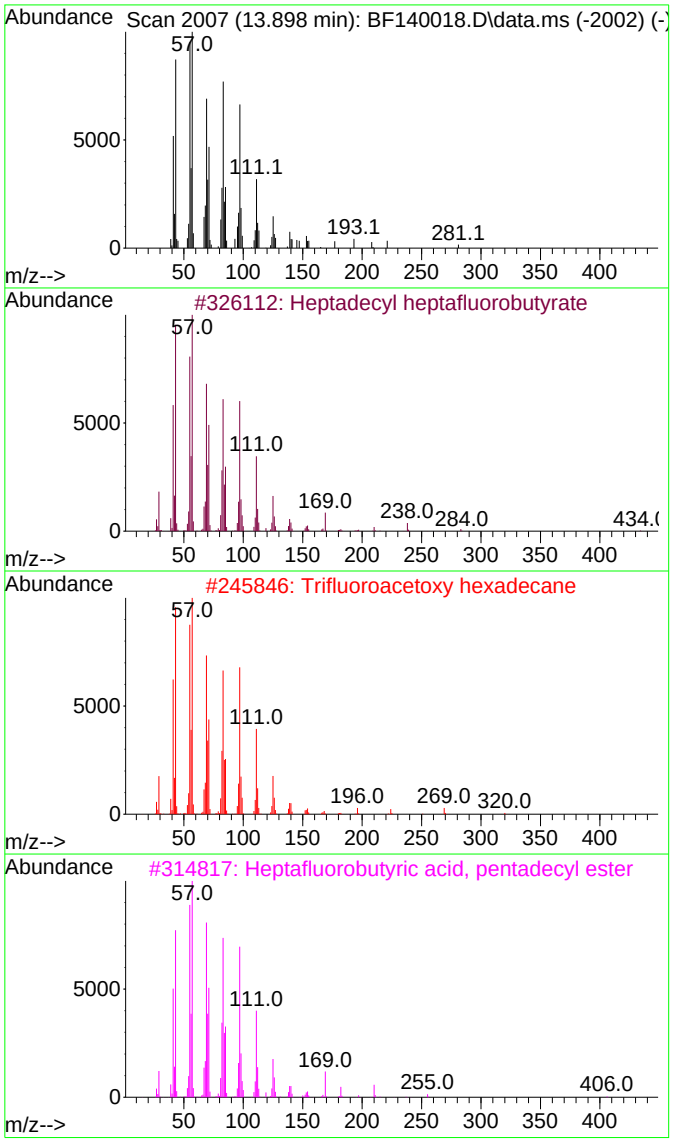
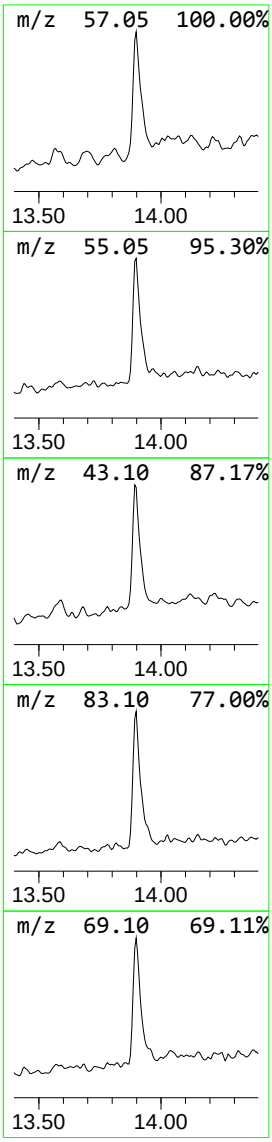
****

Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.78 ng	114483	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93





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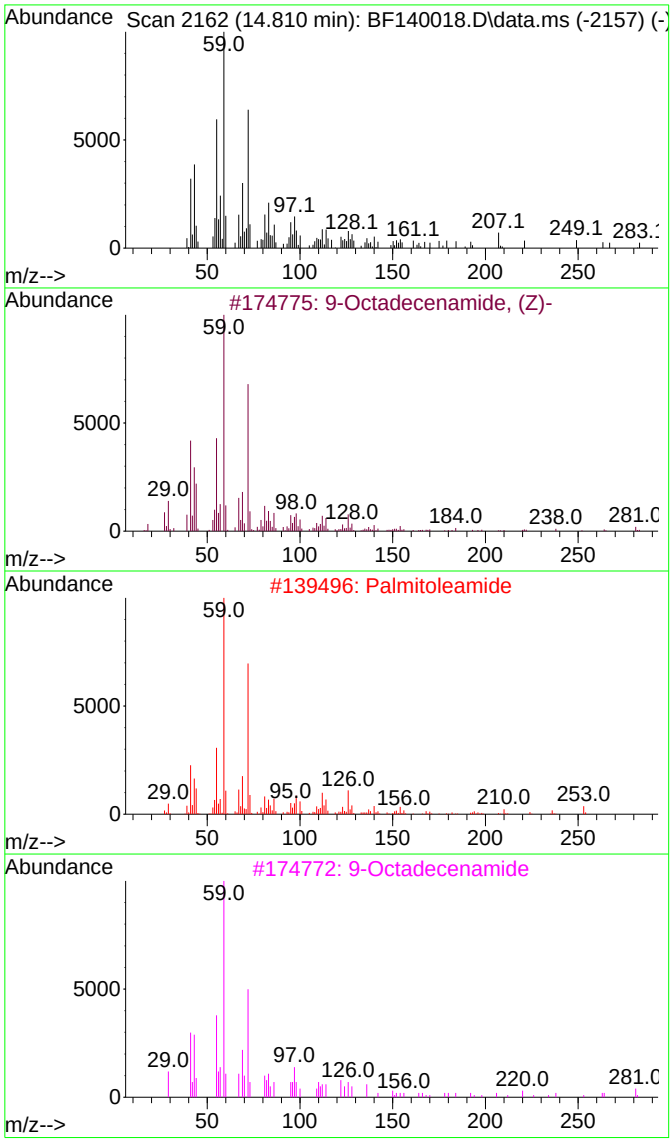
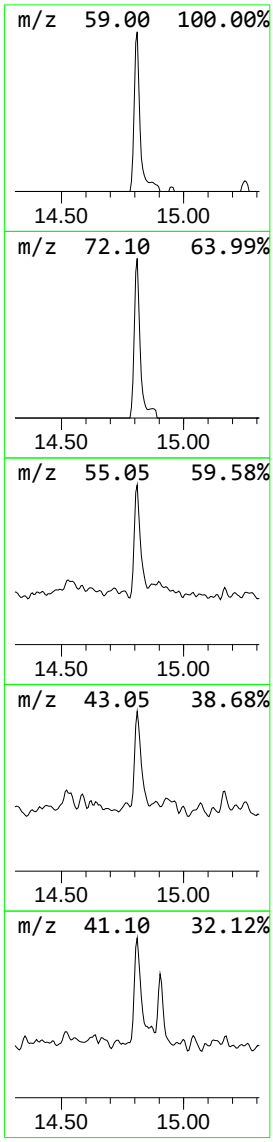
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	3.46 ng	85746	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	Palmitoleamide	253	C16H31NO	106010-22-4	53
3	9-Octadecenamide	281	C18H35NO	003322-62-1	53
4	Octadecanamide	283	C18H37NO	000124-26-5	52
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50





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...	2.181	29.8	ng	696013	1	6.887	467783	20.0
1H-Imidazole, 4...	5.992	3.9	ng	90084	1	6.887	467783	20.0
Benzophenone	10.633	11.1	ng	356595	3	9.922	641110	20.0
n-Hexadecanoic ...	11.933	8.5	ng	231555	4	11.410	544056	20.0
Heptadecyl hept...	13.898	5.8	ng	114483	5	14.045	396189	20.0
9-Octadecenamid...	14.810	3.5	ng	85746	6	15.527	495544	20.0