LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140069.D
Acq On : 26 Oct 2024 19:37
Operator : RC/JU
Sample : P4547-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-21

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: BF140069.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	12	20	28	rVB	1196705	1946041	66.14%	8.267%
2	5.116	505	514	520	rBV2	18428	31138	1.06%	0.132%
3	5.504	574	580	585	rBV	1804124	2370481	80.57%	10.070%
4	6.504	743	750	755	rBV	1800179	2487795	84.56%	10.568%
5	6.886	810	815	820	rBV	755649	925065	31.44%	3.930%
6	7.445	903	910	915	rBV	1239511	1631868	55.47%	6.932%
7	7.698	948	953	961	rBV	71733	89537	3.04%	0.380%
8	8.169	1024	1033	1038	rBV	981134	1241584	42.20%	5.274%
9	8.380	1063	1069	1074	rBV	29517	38479	1.31%	0.163%
10	9.245	1209	1216	1226	rBV	2162952	2942087	100.00%	12.498%
11	9.922	1323	1331	1345	rBV	1118357	1466853	49.86%	6.231%
12	10.633	1447	1452	1459	rBV	617792	795985	27.06%	3.381%
13	10.710	1459	1465	1480	rVB	1358804	1757217	59.73%	7.465%
14	10.945	1500	1505	1511	rVB	75866	94641	3.22%	0.402%
15	11.410	1578	1584	1589	rBV	1101034	1361519	46.28%	5.784%
16	11.474	1591	1595	1599	rVB2	27058	32647	1.11%	0.139%
17	11.927	1665	1672	1686	rBV2	81658	145597	4.95%	0.619%
18	12.433	1752	1758	1764	rBV	30804	44701	1.52%	0.190%
19	12.816	1818	1823	1827	rBV	26273	33715	1.15%	0.143%
20	12.992	1848	1853	1863	rVB	1778418	2253762	76.60%	9.574%
21	13.892	2000	2006	2021	rBV	55897	127733	4.34%	0.543%
22	14.045	2027	2032	2043	rVB	579981	755071	25.66%	3.208%
23	14.810	2157	2162	2172	rBV4	34172	80974	2.75%	0.344%
24	14.904	2173	2178	2187	rVB	54529	79577	2.70%	0.338%
25	15.527	2277	2284	2304	rBV	491964	806259	27.40%	3.425%

Sum of corrected areas: 23540326

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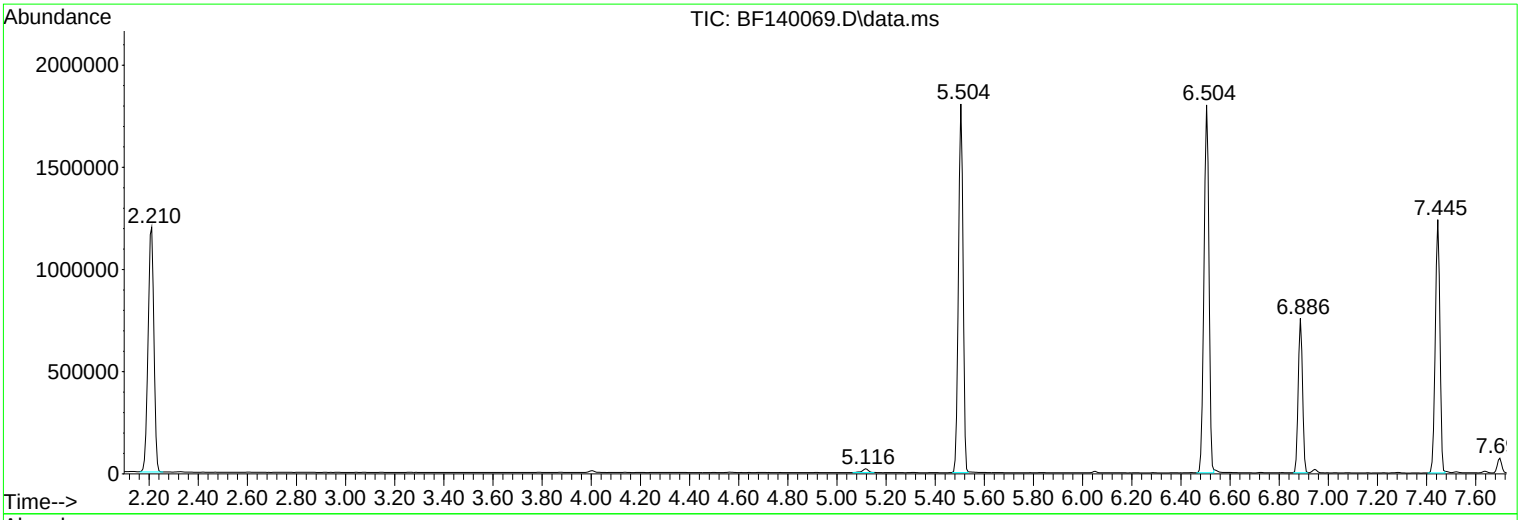
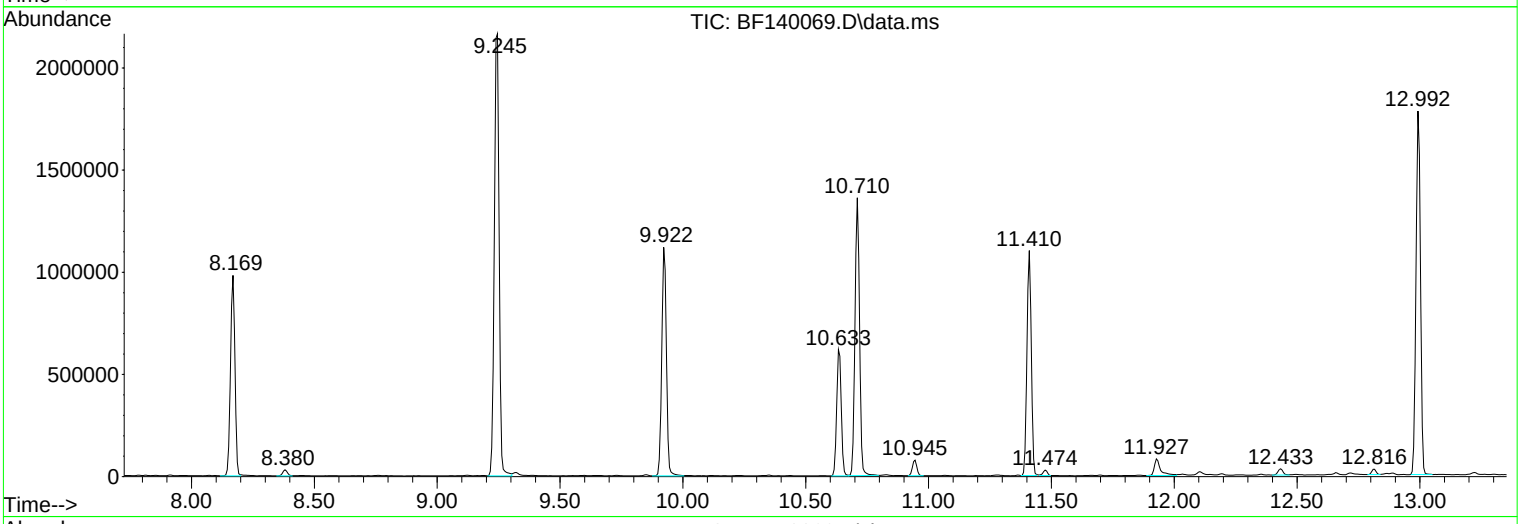
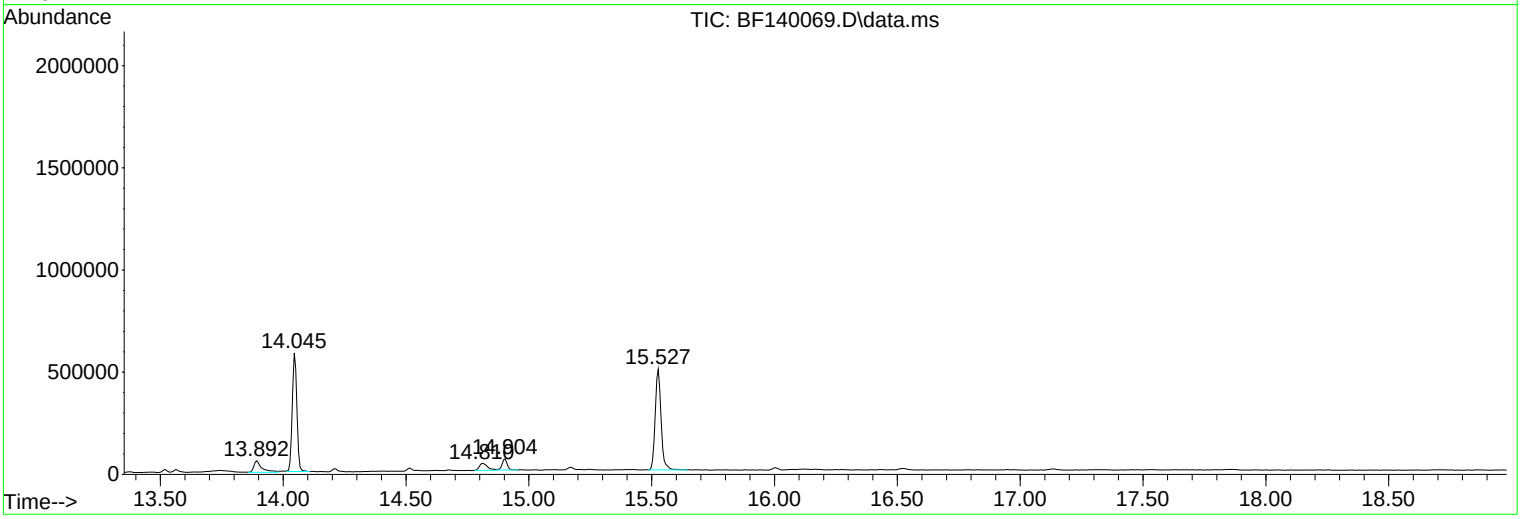
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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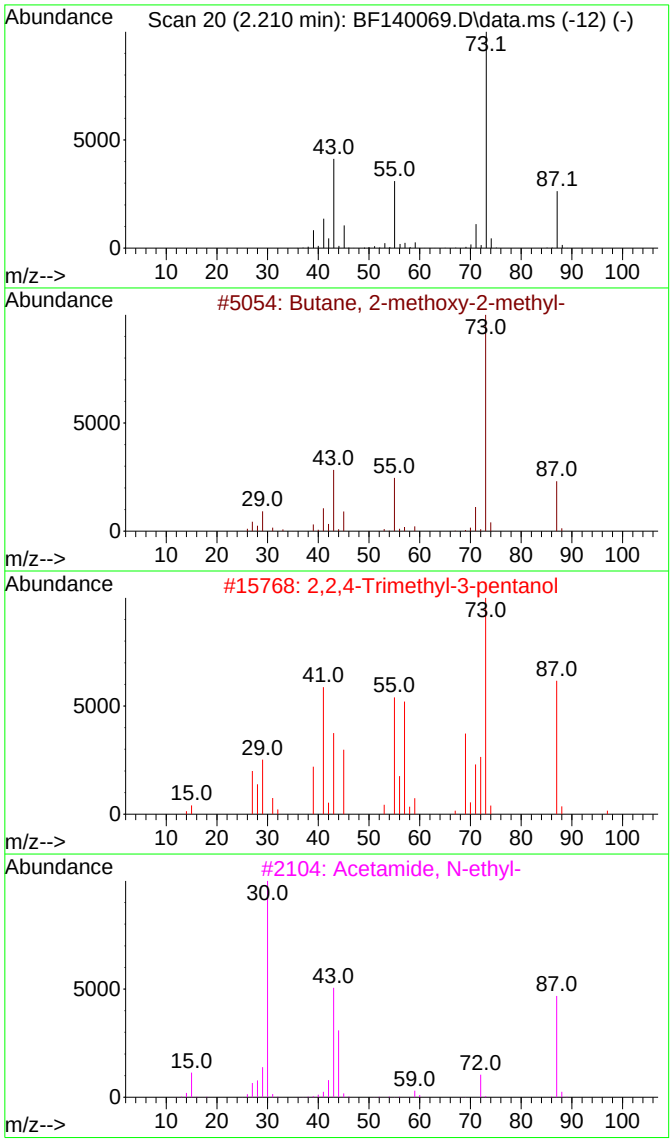
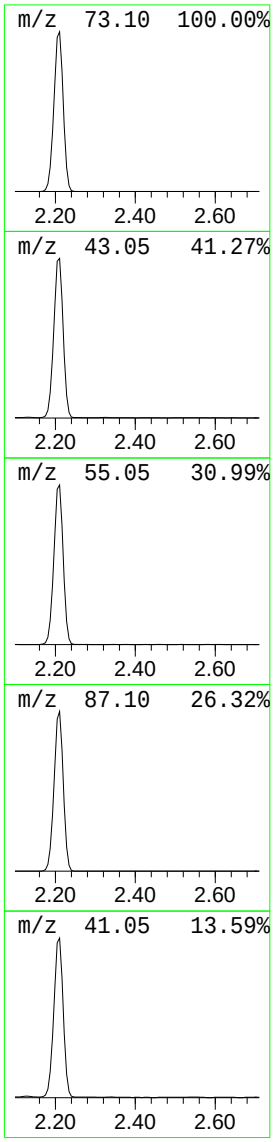
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	42.07 ng	1946040	1,4-Dichlorobenzene-d4	6.886

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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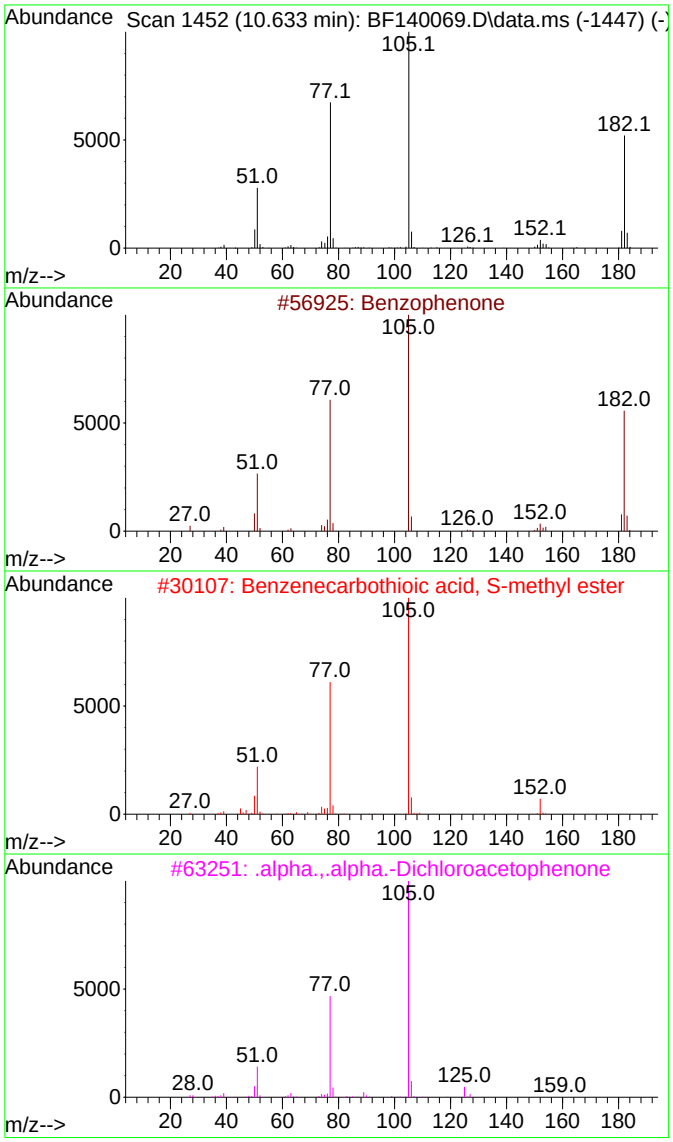
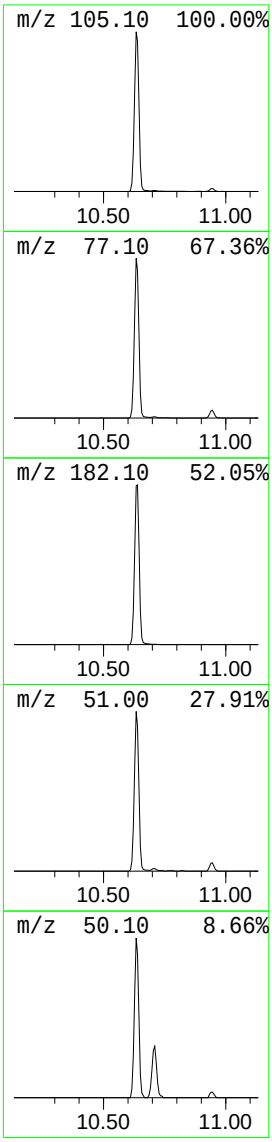
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	10.85 ng	795985	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	47
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5	Benzilamide	227	C14H13NO2	004746-87-6	47





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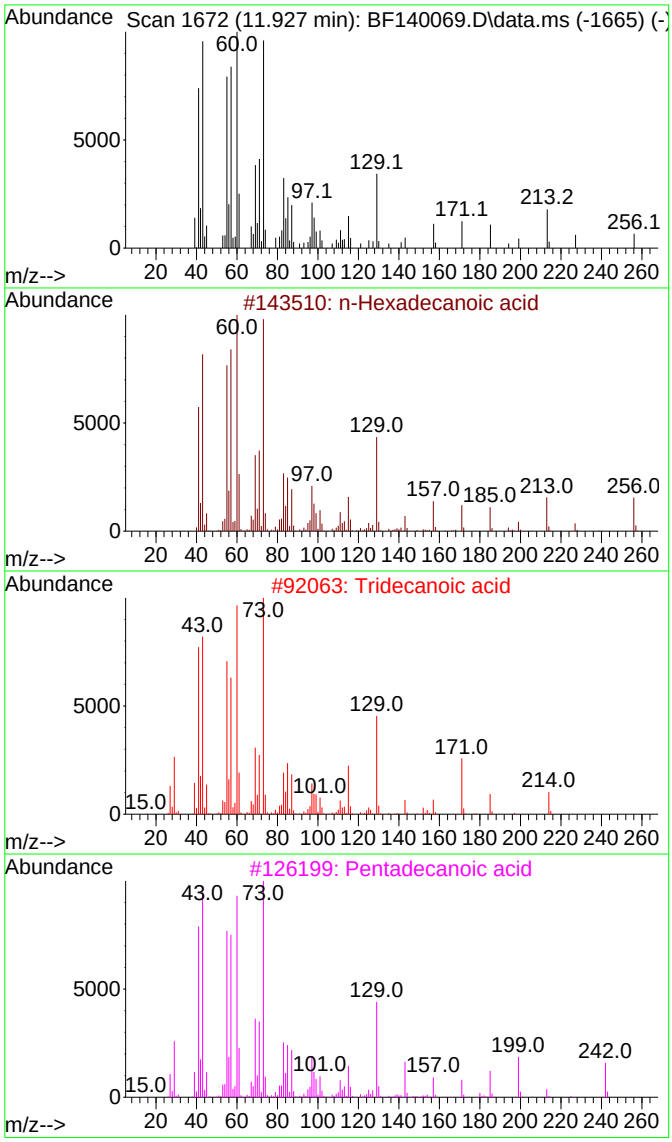
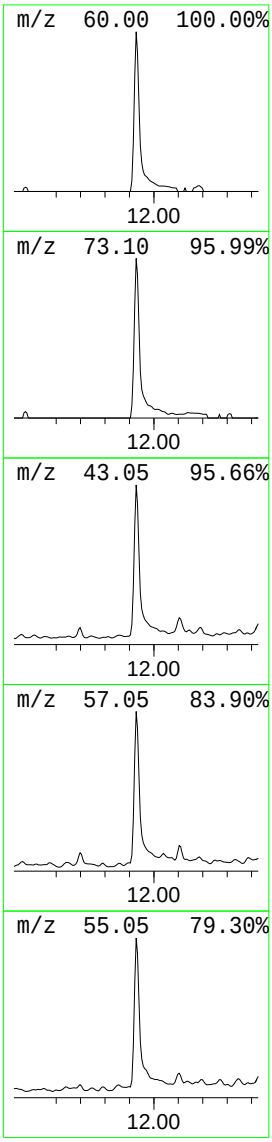
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.14 ng	145597	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Nonanoic acid	158	C9H18O2	000112-05-0	50





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TIC Library : C:\Database\NIST20.L
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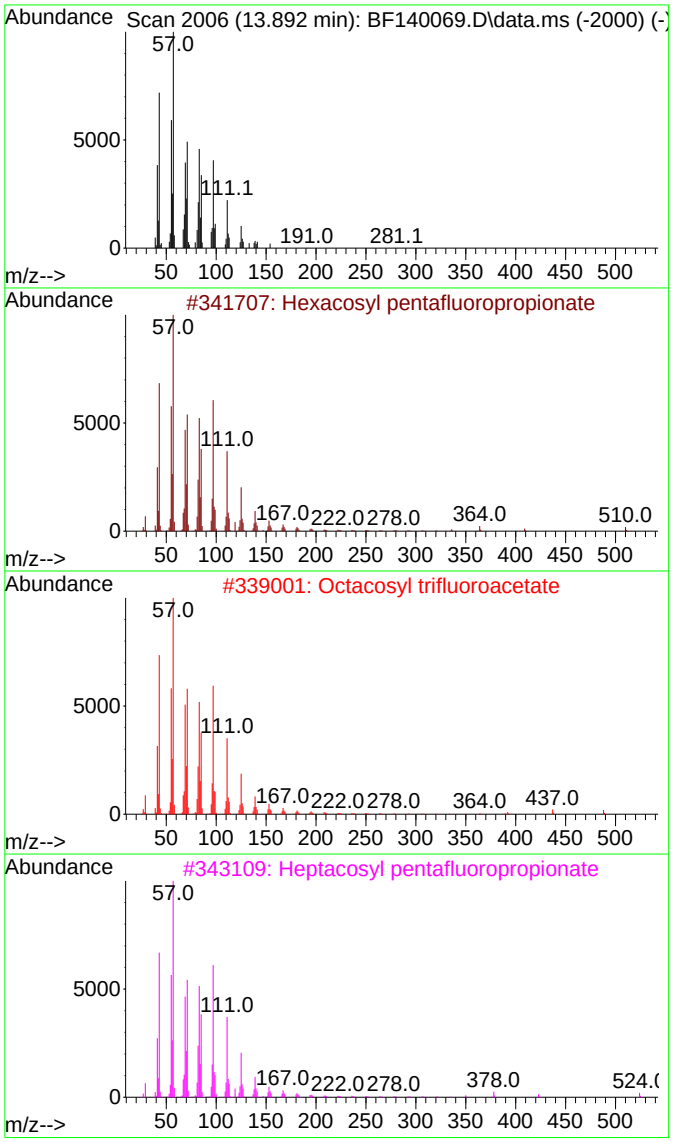
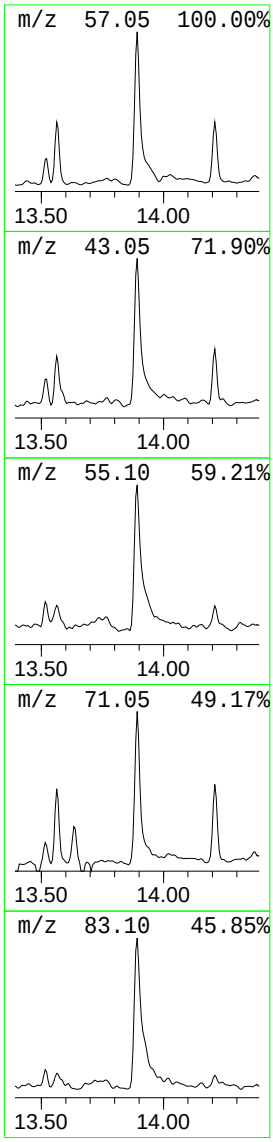
Peak Number 4 Hexacosyl pentafluoropropio... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.38 ng	127733	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	91
4	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91





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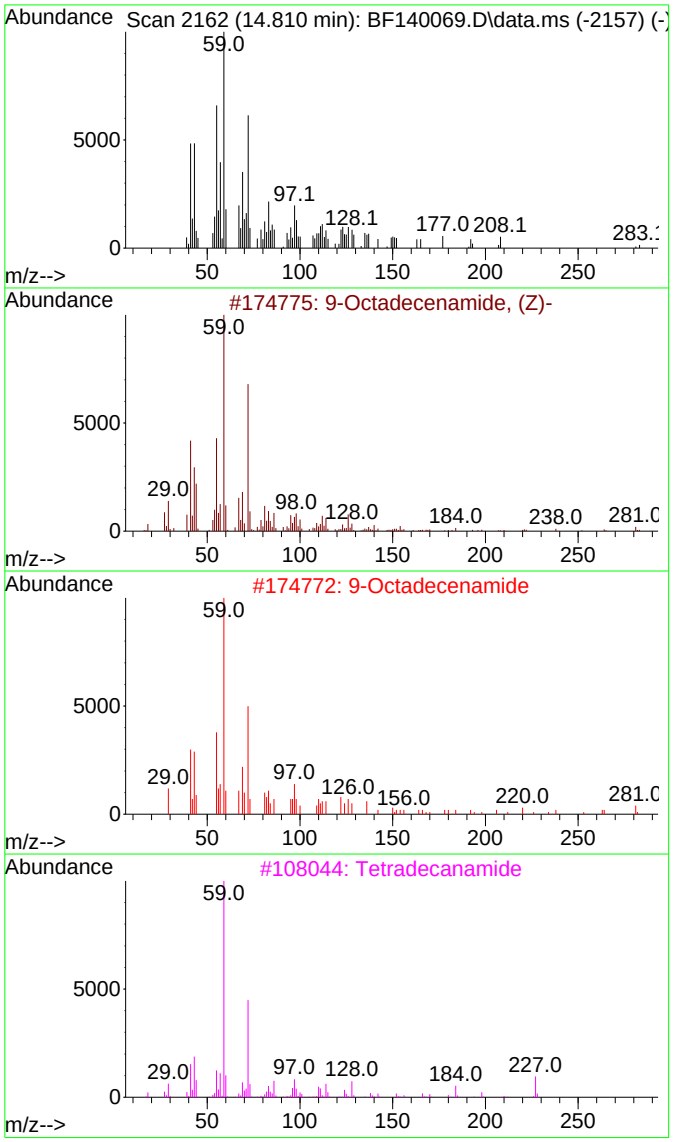
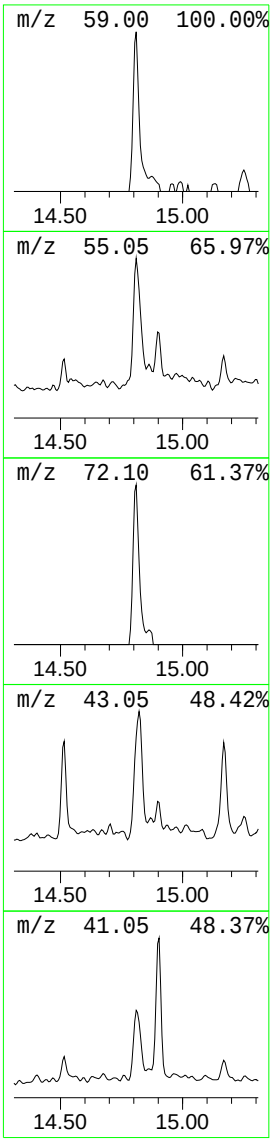
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	2.01 ng	80974	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
2	9-Octadecenamide	281	C18H35NO	003322-62-1	86
3	Tetradecanamide	227	C14H29NO	000638-58-4	59
4	Palmitoleamide	253	C16H31NO	106010-22-4	59
5	3-Hexadecanol	242	C16H34O	000593-03-3	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...	2.210	42.1	ng	1946040	1	6.886	925065	20.0
Benzophenone	10.633	10.9	ng	795985	3	9.922	1466850	20.0
n-Hexadecanoic ...	11.927	2.1	ng	145597	4	11.410	1361520	20.0
Hexacosyl penta...	13.892	3.4	ng	127733	5	14.045	755071	20.0
9-Octadecenamid...	14.810	2.0	ng	80974	6	15.527	806259	20.0