LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143614.D
Acq On : 28 Aug 2025 17:14
Operator : RC/JU
Sample : Q2970-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP12

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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143614.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	15	22	28	rBV2	49460	80273	2.41%	0.356%
2	5.122	483	498	510	rBV	221752	395218	11.87%	1.752%
3	5.510	557	564	569	rBV	2115132	2962727	88.97%	13.133%
4	6.510	726	734	739	rBV	1878346	2920821	87.71%	12.948%
5	6.887	793	798	804	rVB	472298	606252	18.21%	2.687%
6	7.451	887	894	899	rBV	1371505	1939093	58.23%	8.596%
7	8.169	1010	1016	1021	rBV	646671	804336	24.15%	3.565%
8	8.381	1048	1052	1062	rVB2	25425	35327	1.06%	0.157%
9	9.245	1192	1199	1204	rBV	2566042	3329976	100.00%	14.761%
10	9.922	1309	1314	1319	rBV	750606	947980	28.47%	4.202%
11	10.639	1430	1436	1442	rBV	398250	490132	14.72%	2.173%
12	10.710	1442	1448	1459	rBV	1651923	2221552	66.71%	9.848%
13	10.945	1482	1488	1492	rVB	27530	33866	1.02%	0.150%
14	11.410	1562	1567	1572	rBV	762593	941351	28.27%	4.173%
15	11.939	1650	1657	1682	rBV2	318329	531195	15.95%	2.355%
16	12.722	1785	1790	1803	rBV	46371	83720	2.51%	0.371%
17	12.998	1831	1837	1842	rBV	2297834	3006810	90.30%	13.329%
18	13.904	1985	1991	2009	rBV2	72630	195865	5.88%	0.868%
19	14.045	2009	2015	2027	rVB	408037	522007	15.68%	2.314%
20	15.521	2260	2266	2272	rBV	340960	510356	15.33%	2.262%

Sum of corrected areas: 22558857

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ClientSampleId :
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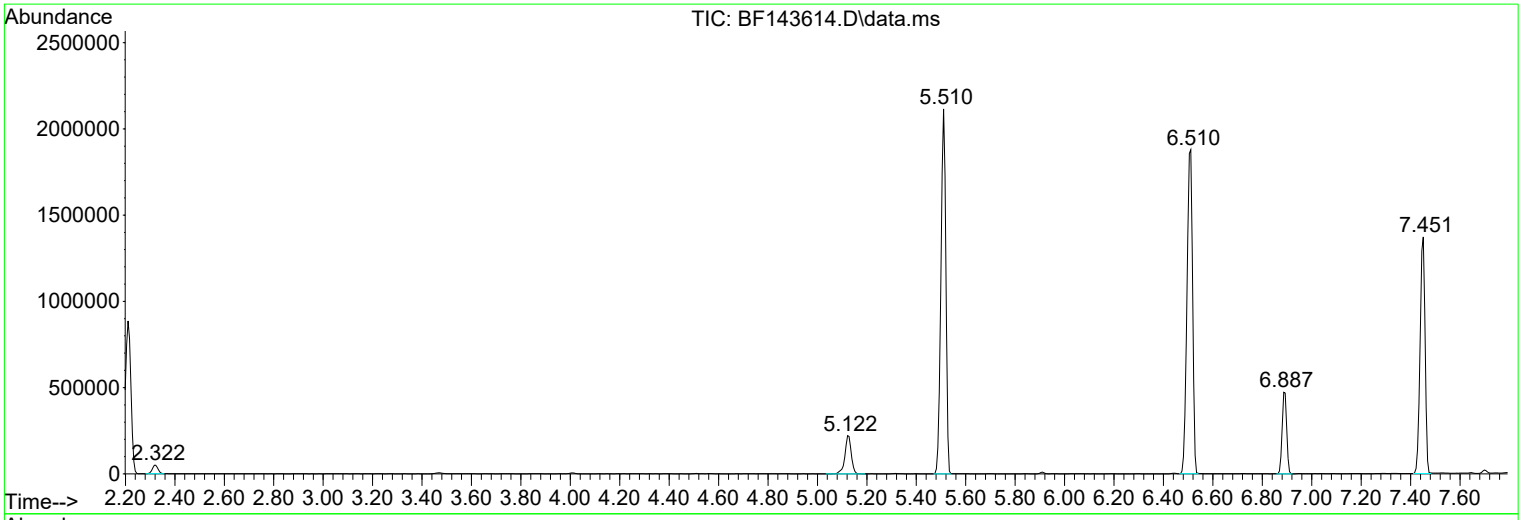
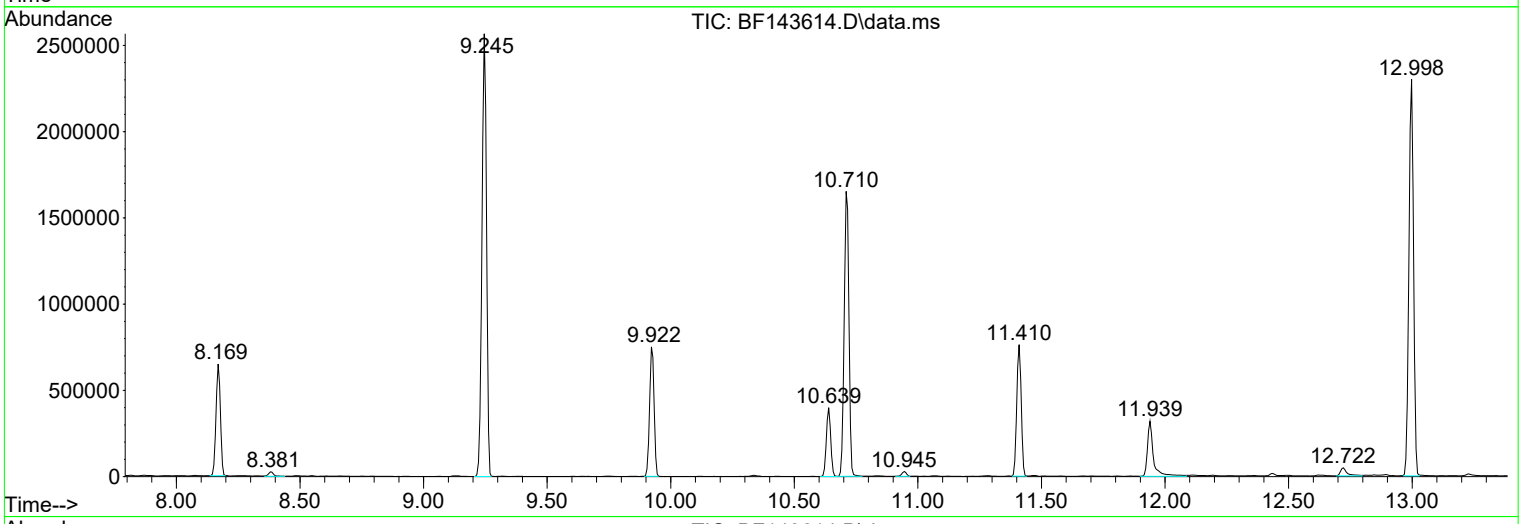
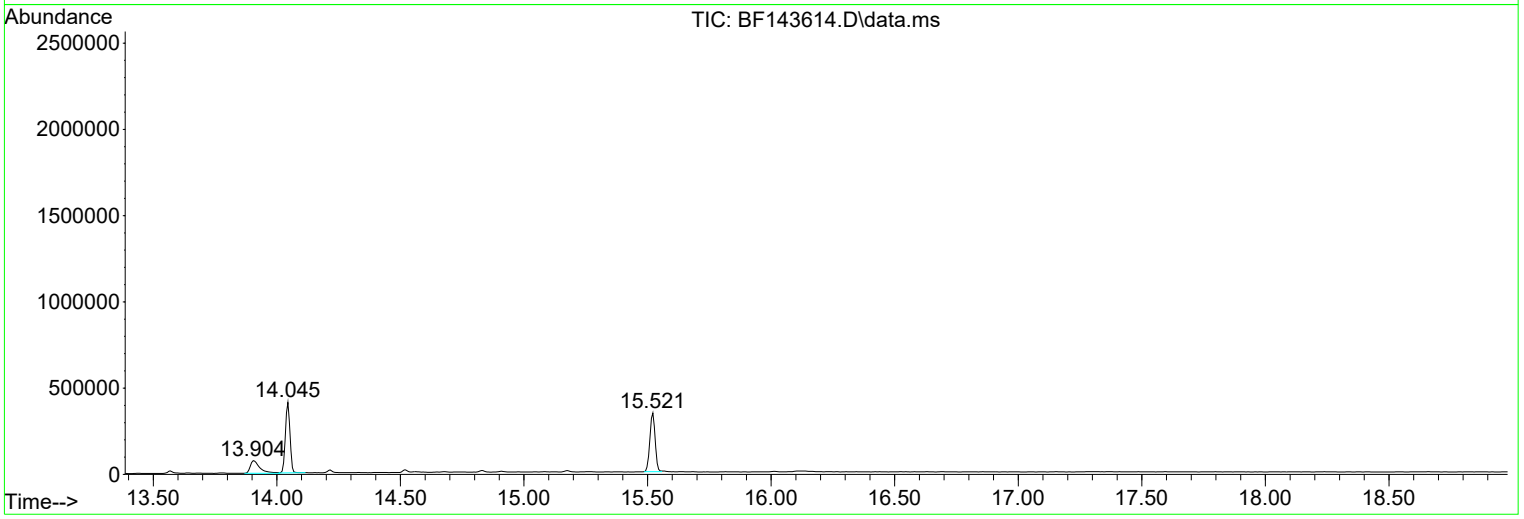
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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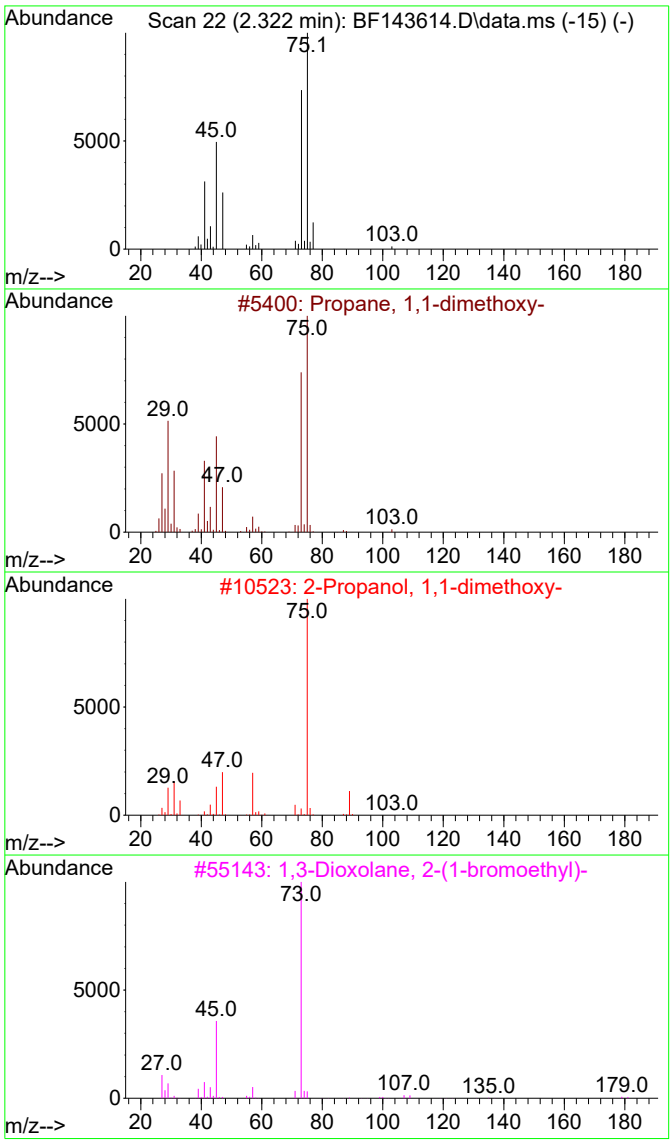
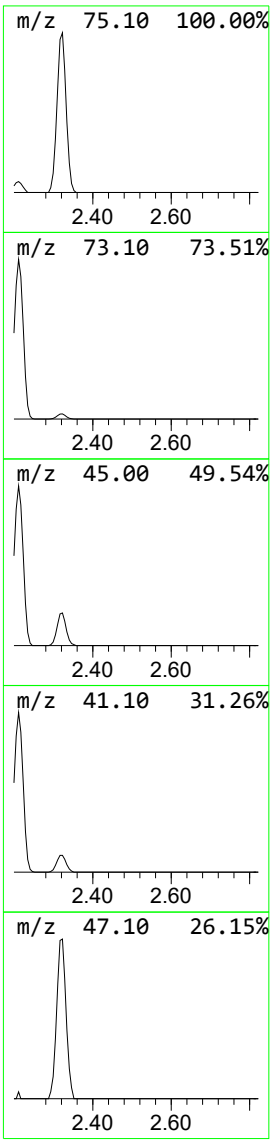
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	2.65 ng	80273	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	28
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	12
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5	2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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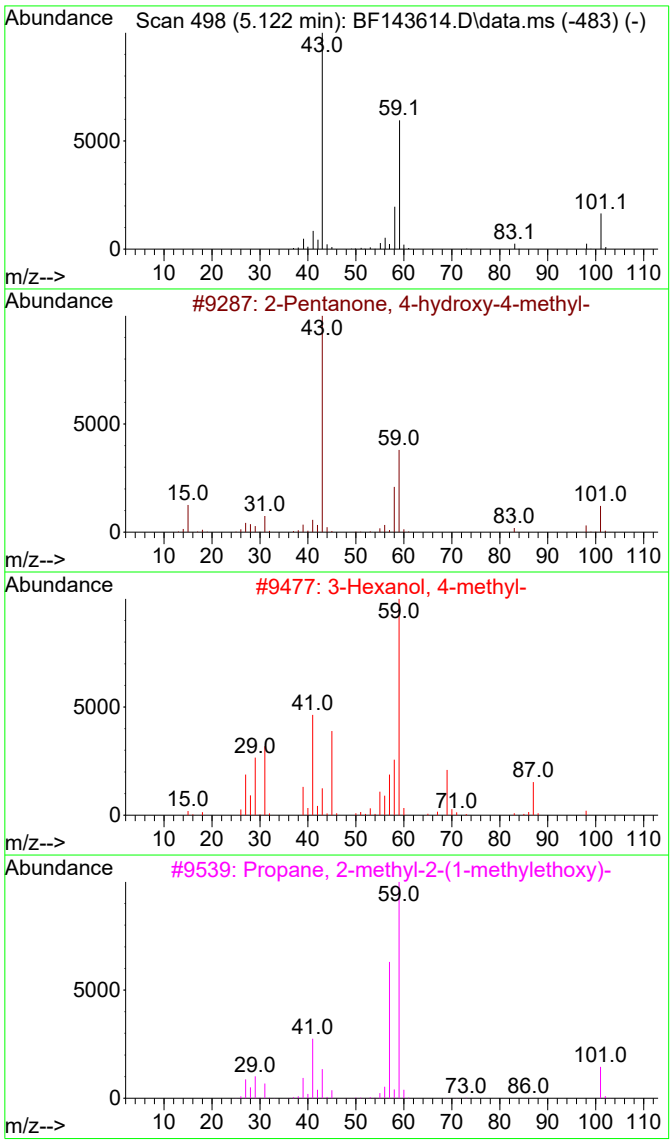
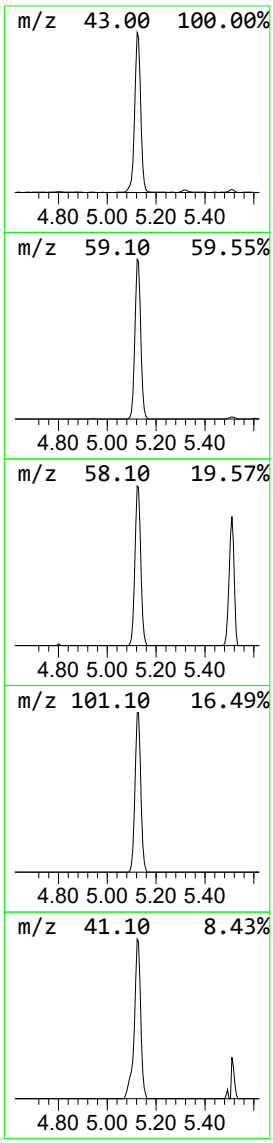
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	13.04 ng	395218	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	3-Octanol	130	C8H18O	000589-98-0	28





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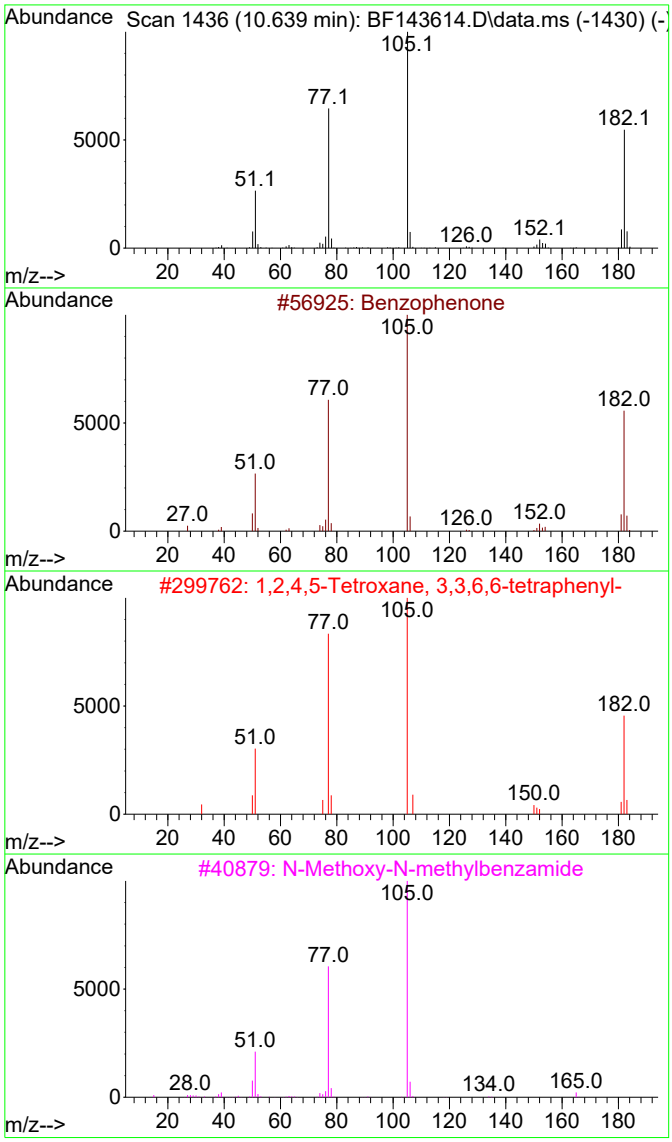
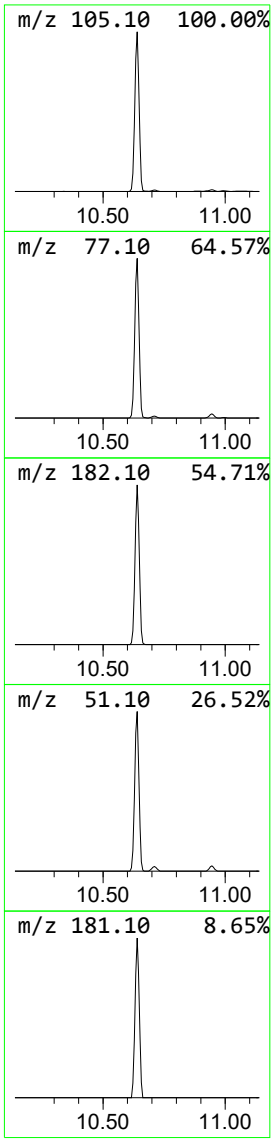
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	10.34 ng	490132	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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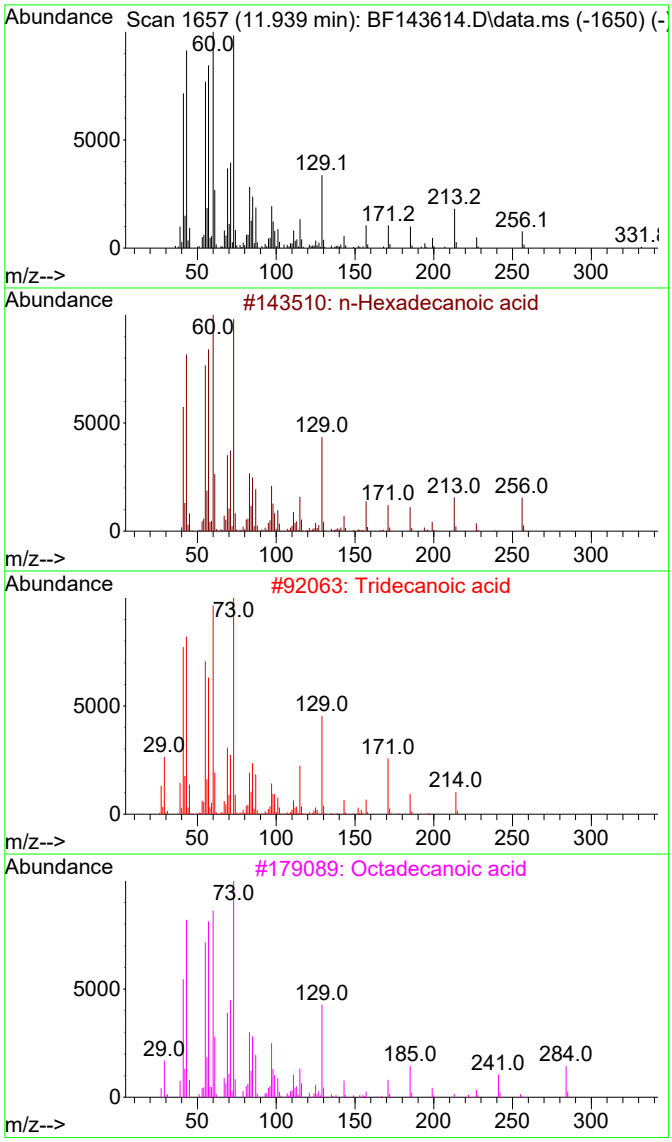
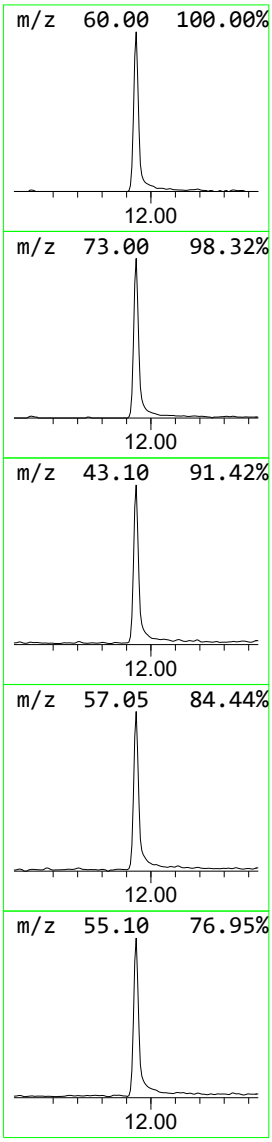
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	11.29 ng	531195	Phenanthrene-d10	11.410

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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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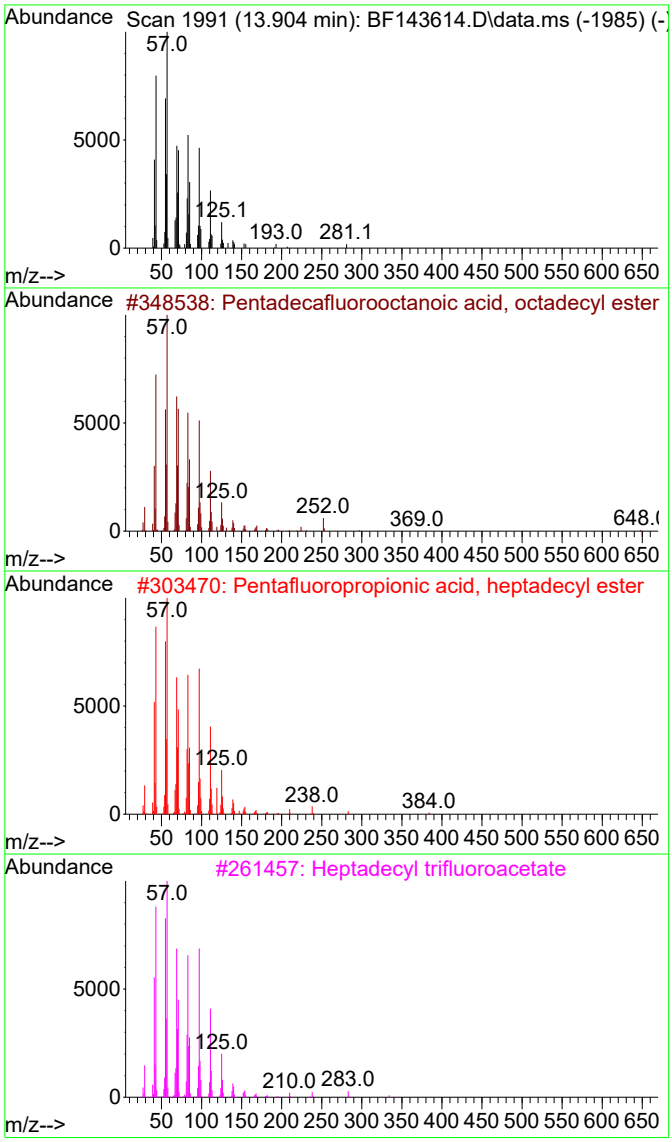
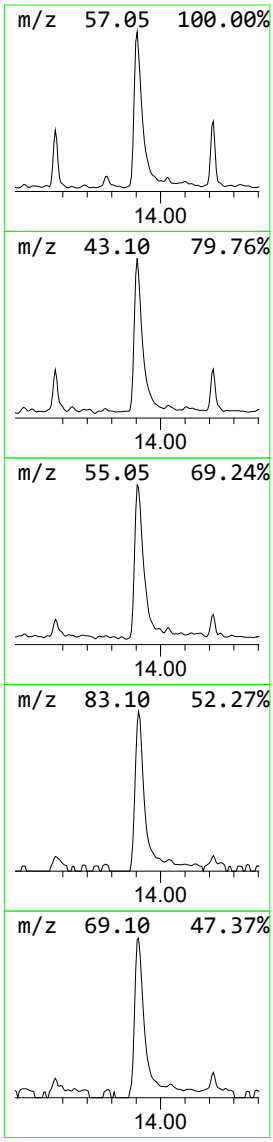
****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	7.50 ng	195865	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-di...	2.322	2.6	ng	80273	1	6.893	606252	20.0
2-Pentanone, 4-...	5.122	13.0	ng	395218	1	6.893	606252	20.0
Benzophenone	10.639	10.3	ng	490132	3	9.922	947980	20.0
n-Hexadecanoic ...	11.939	11.3	ng	531195	4	11.410	941351	20.0
Pentadecafluoro...	13.904	7.5	ng	195865	5	14.045	522007	20.0