LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133903.D
Acq On : 22 Jun 2023 16:04
Operator : CG\JU
Sample : 03321-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-22

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	16	rVB	442065	567692	23.55%	3.320%
2	2.252	24	28	34	rVB2	25427	36152	1.50%	0.211%
3	5.093	506	511	520	rBV	759908	945200	39.21%	5.527%
4	5.493	575	579	583	rBV	1975524	1918101	79.58%	11.216%
5	5.881	642	645	653	rVB	52203	44806	1.86%	0.262%
6	6.493	745	749	752	rBV	1933233	1922500	79.76%	11.242%
7	6.857	808	811	817	rBV	751786	600831	24.93%	3.513%
8	7.422	902	907	910	rBV	1496200	1278821	53.05%	7.478%
9	8.140	1025	1029	1032	rBV	1008147	804912	33.39%	4.707%
10	9.216	1208	1212	1215	rBV	3030722	2410390	100.00%	14.095%
11	9.898	1324	1328	1331	rBV	981648	834554	34.62%	4.880%
12	10.610	1446	1449	1453	rBV	137541	111460	4.62%	0.652%
13	10.686	1458	1462	1473	rBV	1460875	1328419	55.11%	7.768%
14	11.392	1578	1582	1584	rBV	768497	723579	30.02%	4.231%
15	11.410	1584	1585	1589	rVB	56198	47686	1.98%	0.279%
16	11.916	1669	1671	1676	rBV2	137799	150078	6.23%	0.878%
17	12.610	1785	1789	1793	rBV	93210	83018	3.44%	0.485%
18	12.710	1803	1806	1810	rBV3	33528	38403	1.59%	0.225%
19	12.839	1823	1828	1831	rBV	82273	79111	3.28%	0.463%
20	12.986	1849	1853	1857	rBV	2166134	1844330	76.52%	10.785%
21	13.898	2005	2008	2016	rBV4	75827	163896	6.80%	0.958%
22	14.051	2029	2034	2037	rBV	713680	714701	29.65%	4.179%
23	15.557	2286	2290	2294	rBV	375647	452447	18.77%	2.646%

Sum of corrected areas: 17101087

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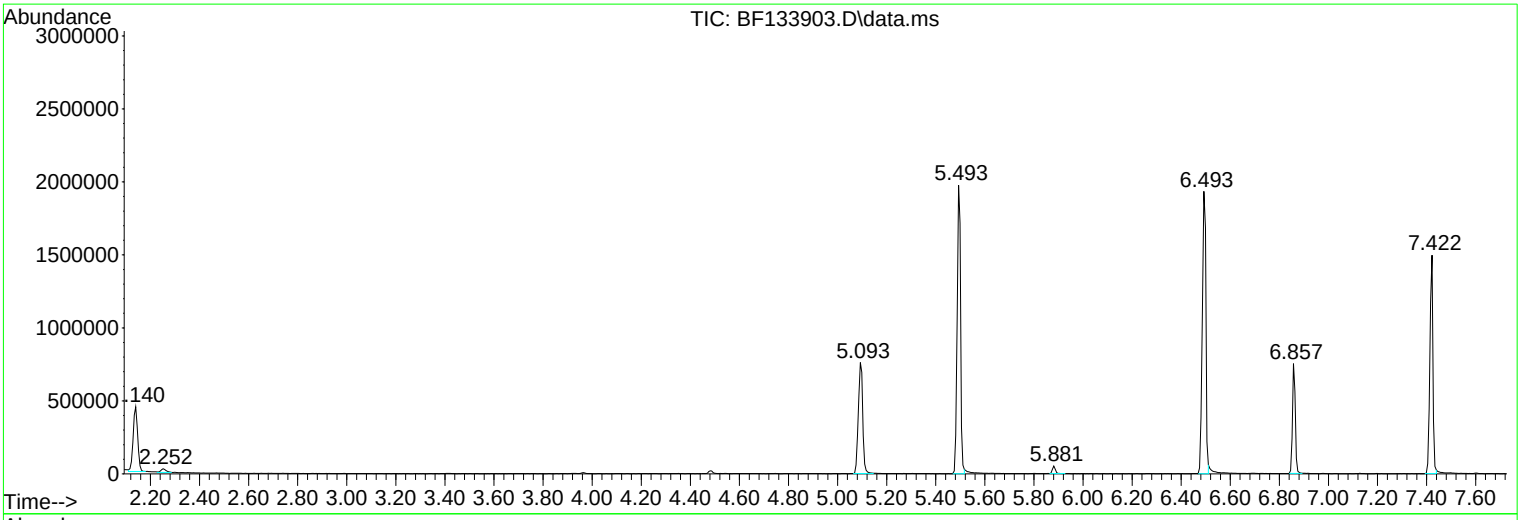
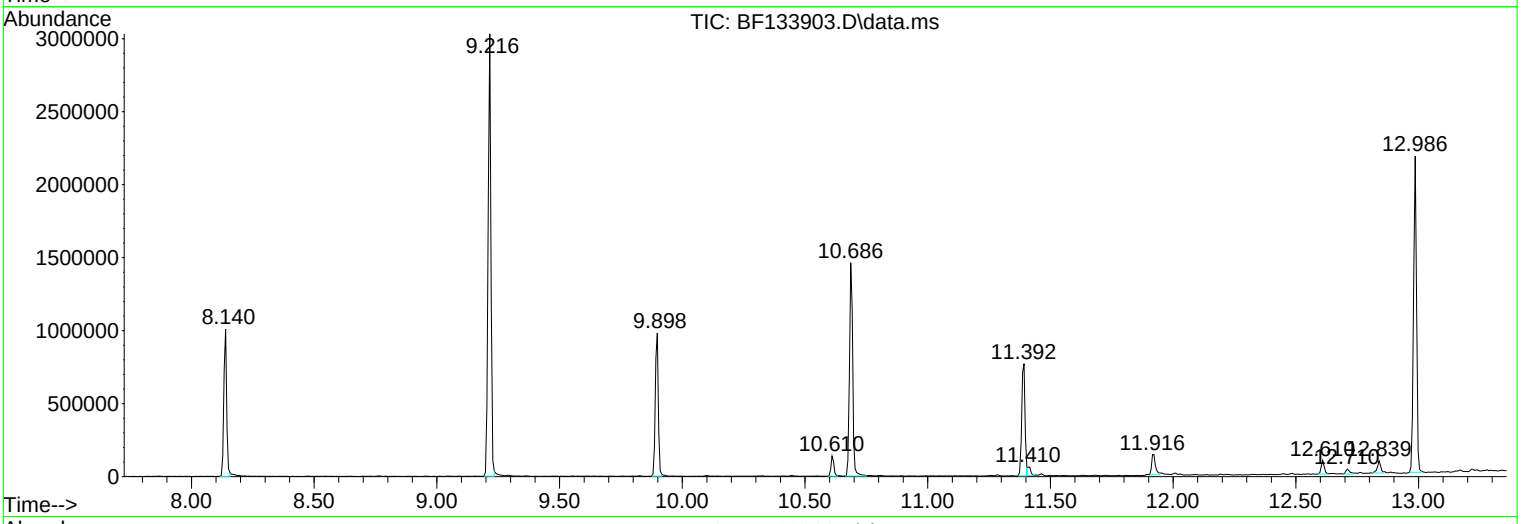
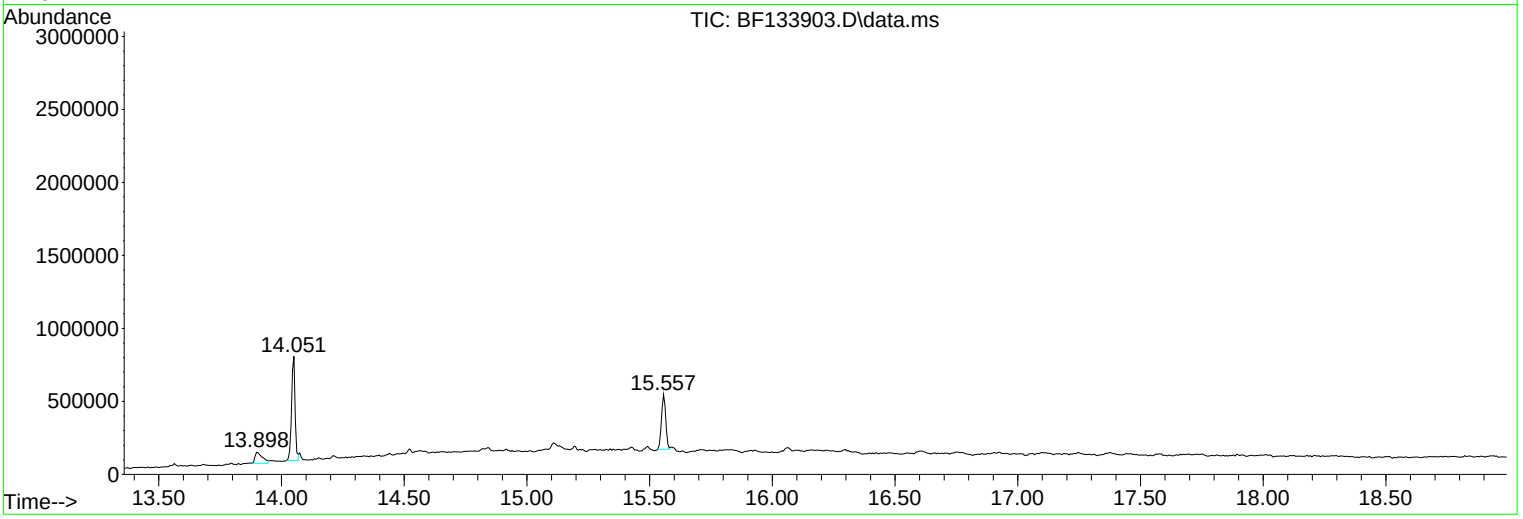
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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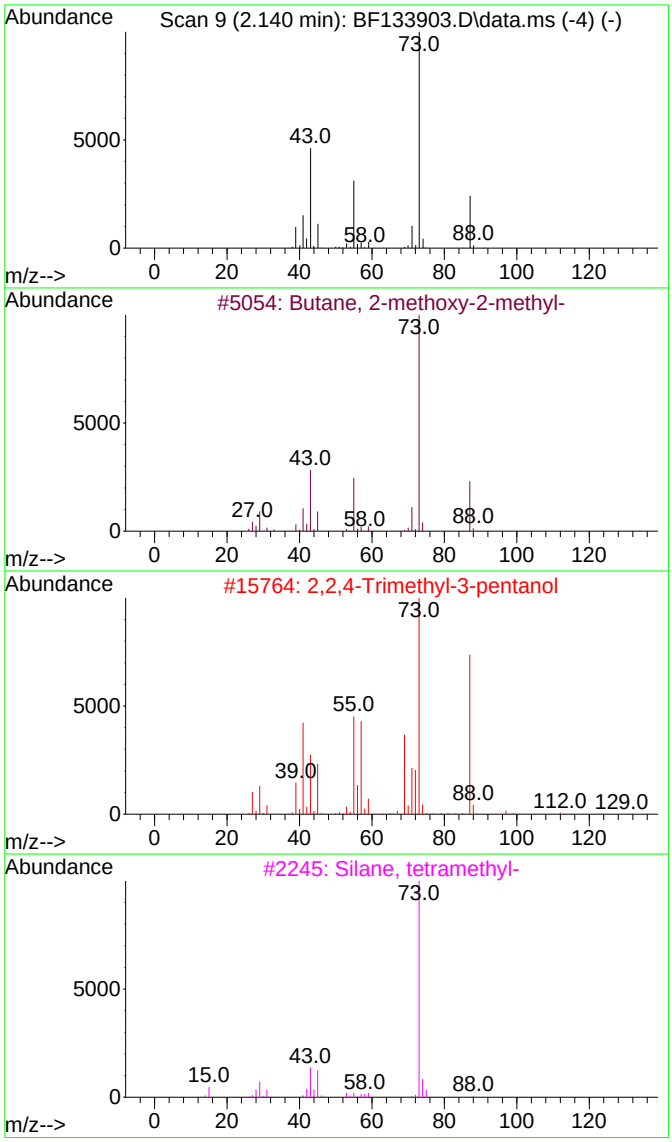
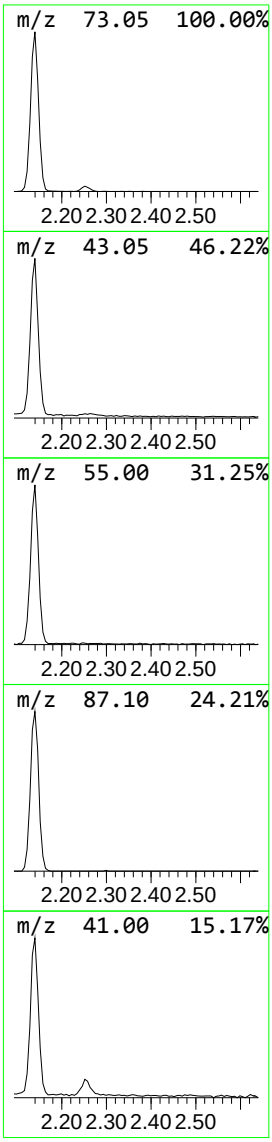
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	18.90 ng	567692	1,4-Dichlorobenzene-d4	6.857

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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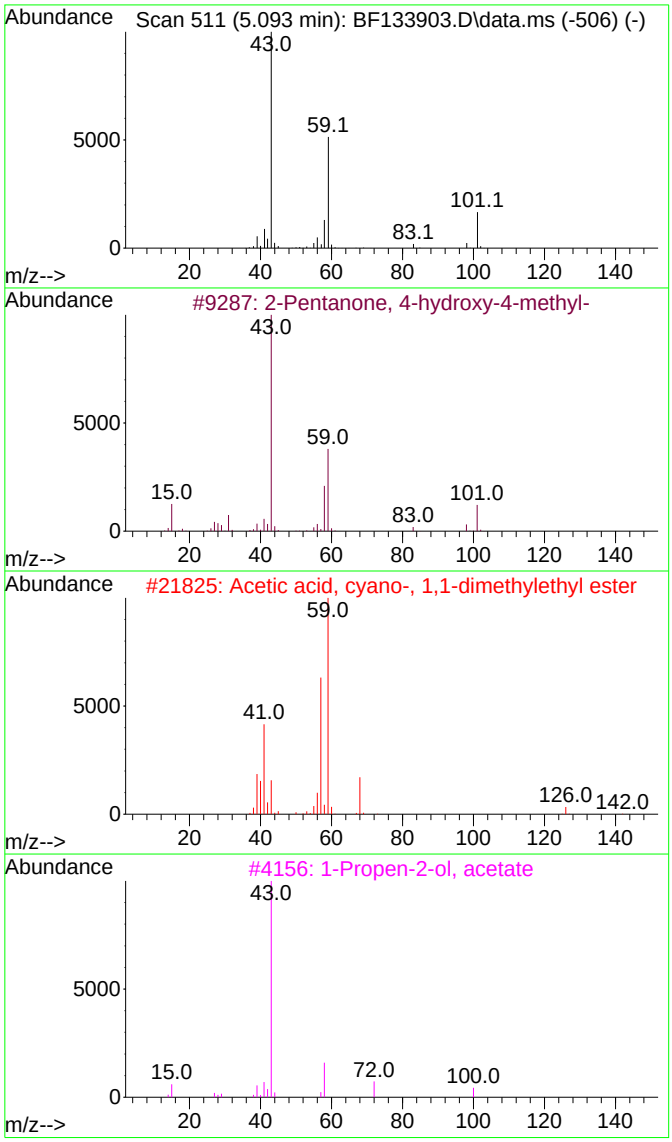
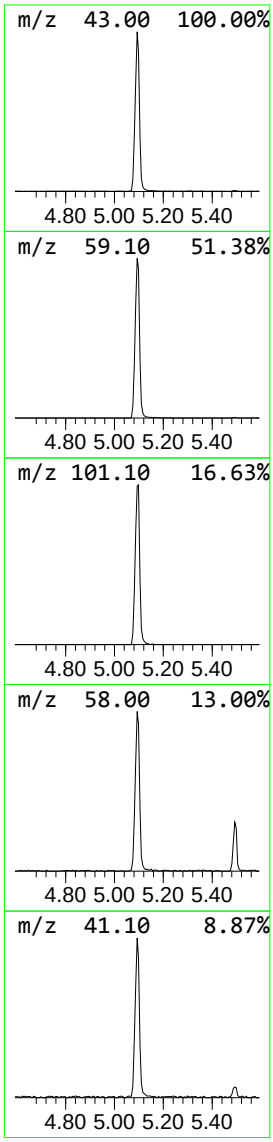
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	31.46 ng	945200	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9





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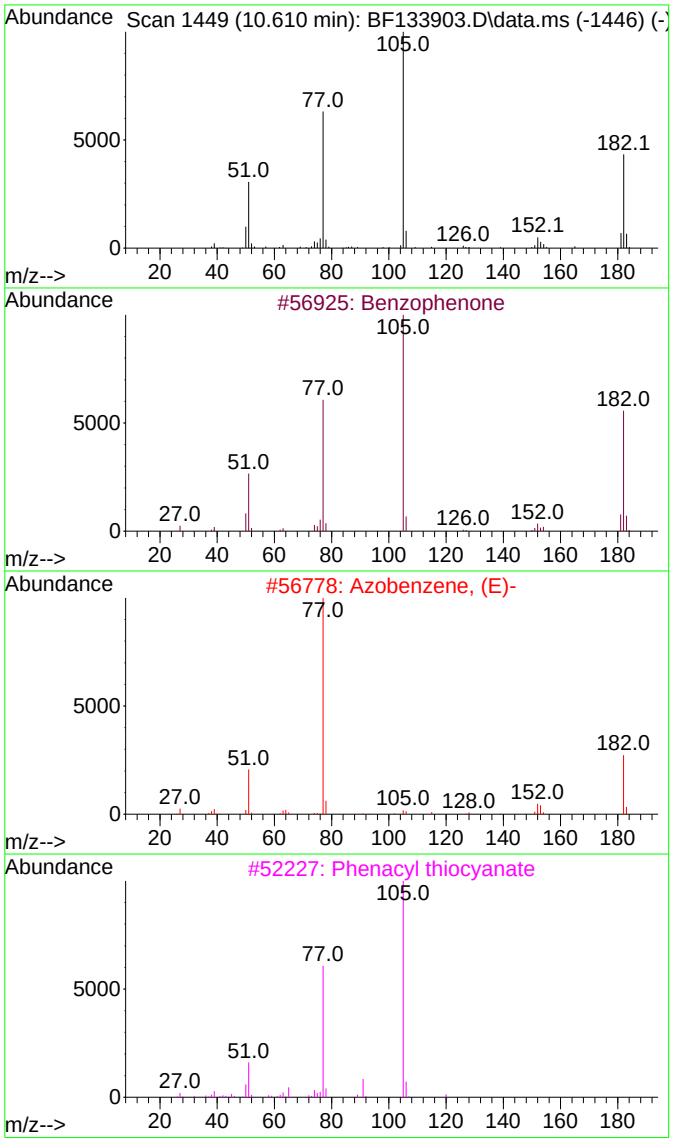
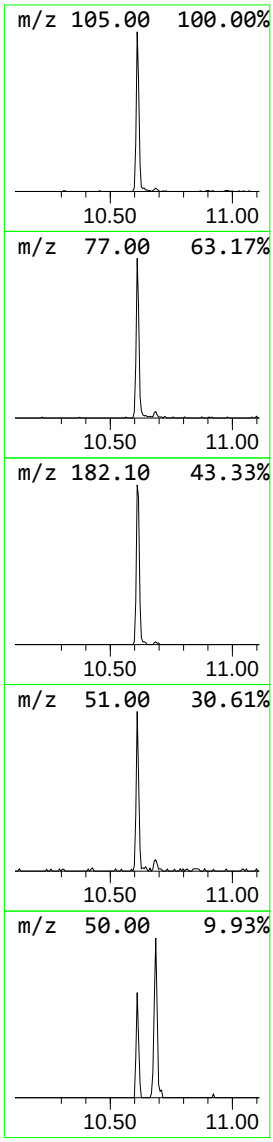
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	2.67 ng	111460	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	50
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50





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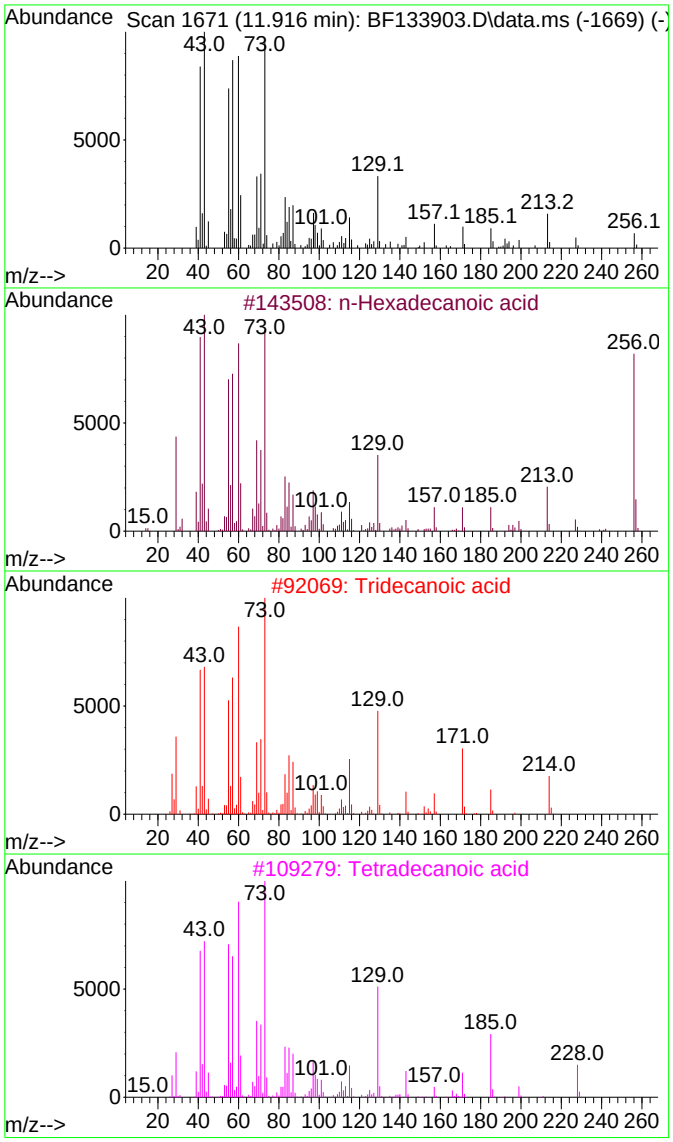
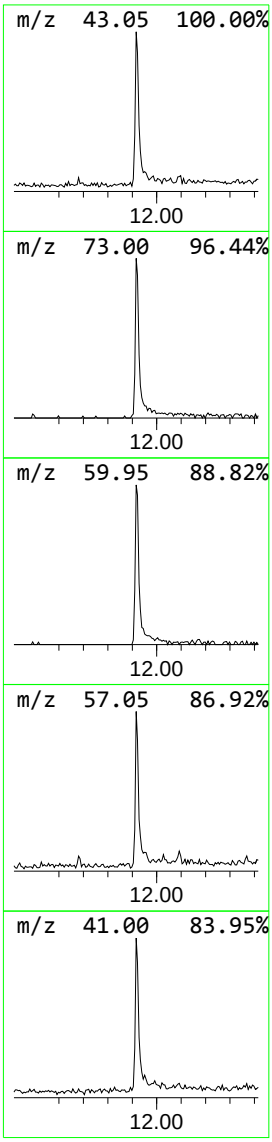
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.15 ng	150078	Phenanthrene-d10	11.392

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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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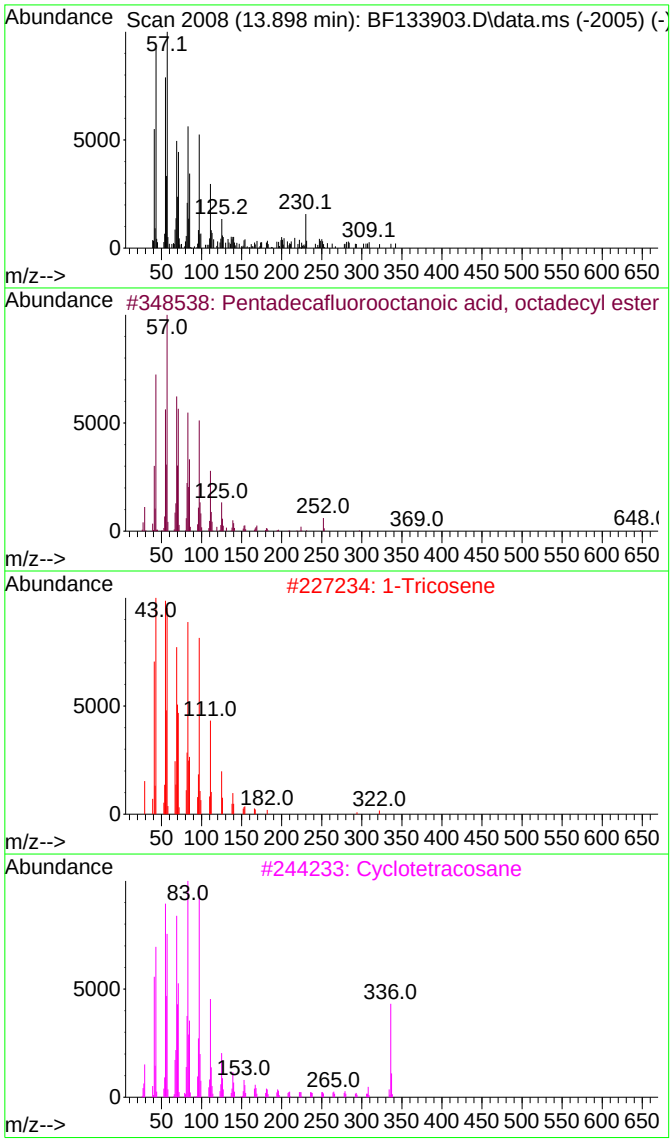
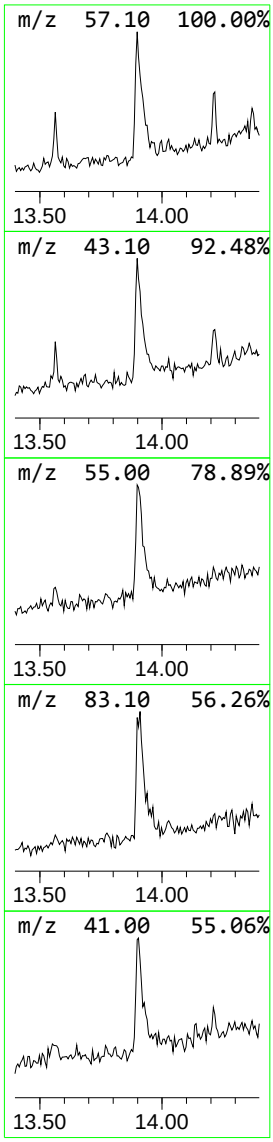
****
Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.59 ng	163896	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	1-Tricosene	322	C23H46	018835-32-0	83
3	Cyclotetracosane	336	C24H48	000297-03-0	83
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	68
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	68





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...	2.140	18.9	ng	567692	1	6.857	600831	20.0
2-Pentanone, 4-...	5.093	31.5	ng	945200	1	6.857	600831	20.0
Benzophenone	10.610	2.7	ng	111460	3	9.898	834554	20.0
n-Hexadecanoic ...	11.916	4.2	ng	150078	4	11.392	723579	20.0
Pentadecafluoro...	13.898	4.6	ng	163896	5	14.051	714701	20.0