LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104280.D
Acq On : 5 Apr 2018 20:08
Operator : JU/SJ
Sample : J2183-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ES-4-DWS-BOTTOM@5.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	28	33	46	rVB	121680	177665	4.96%	0.621%
2	5.193	525	528	539	rBV	61856	118034	3.30%	0.412%
3	5.581	591	594	634	rBV	1088416	2588183	72.29%	9.042%
4	6.581	761	764	784	rBV	1286333	2740945	76.55%	9.576%
5	6.716	784	787	824	rVV	1949463	3580512	100.00%	12.509%
6	6.951	824	827	848	rVV	192335	698879	19.52%	2.442%
7	7.098	848	852	895	rVB	1505450	2494807	69.68%	8.716%
8	7.510	919	922	945	rBV	779616	1793348	50.09%	6.265%
9	8.228	1040	1044	1080	rBV	377659	878159	24.53%	3.068%
10	9.298	1222	1226	1258	rBV	2305767	3424668	95.65%	11.964%
11	9.686	1285	1292	1302	rBV	147202	231775	6.47%	0.810%
12	9.886	1322	1326	1331	rBV	58240	52523	1.47%	0.183%
13	9.980	1338	1342	1362	rBV	803582	1015063	28.35%	3.546%
14	10.386	1409	1411	1414	rVB	79500	59516	1.66%	0.208%
15	10.604	1443	1448	1451	rBV	29553	36400	1.02%	0.127%
16	10.780	1474	1478	1489	rBV	1358067	2162656	60.40%	7.555%
17	10.857	1489	1491	1506	rVB	113021	217260	6.07%	0.759%
18	11.480	1593	1597	1617	rBV	584901	1035835	28.93%	3.619%
19	13.063	1861	1866	1885	rBV	2632307	3310375	92.46%	11.565%
20	13.933	2010	2014	2023	rBV	81909	106603	2.98%	0.372%
21	14.133	2044	2048	2065	rBV	646715	974567	27.22%	3.405%
22	14.874	2170	2174	2182	rBV	145053	188050	5.25%	0.657%
23	15.668	2304	2309	2330	rBV	353375	738255	20.62%	2.579%

Sum of corrected areas: 28624078

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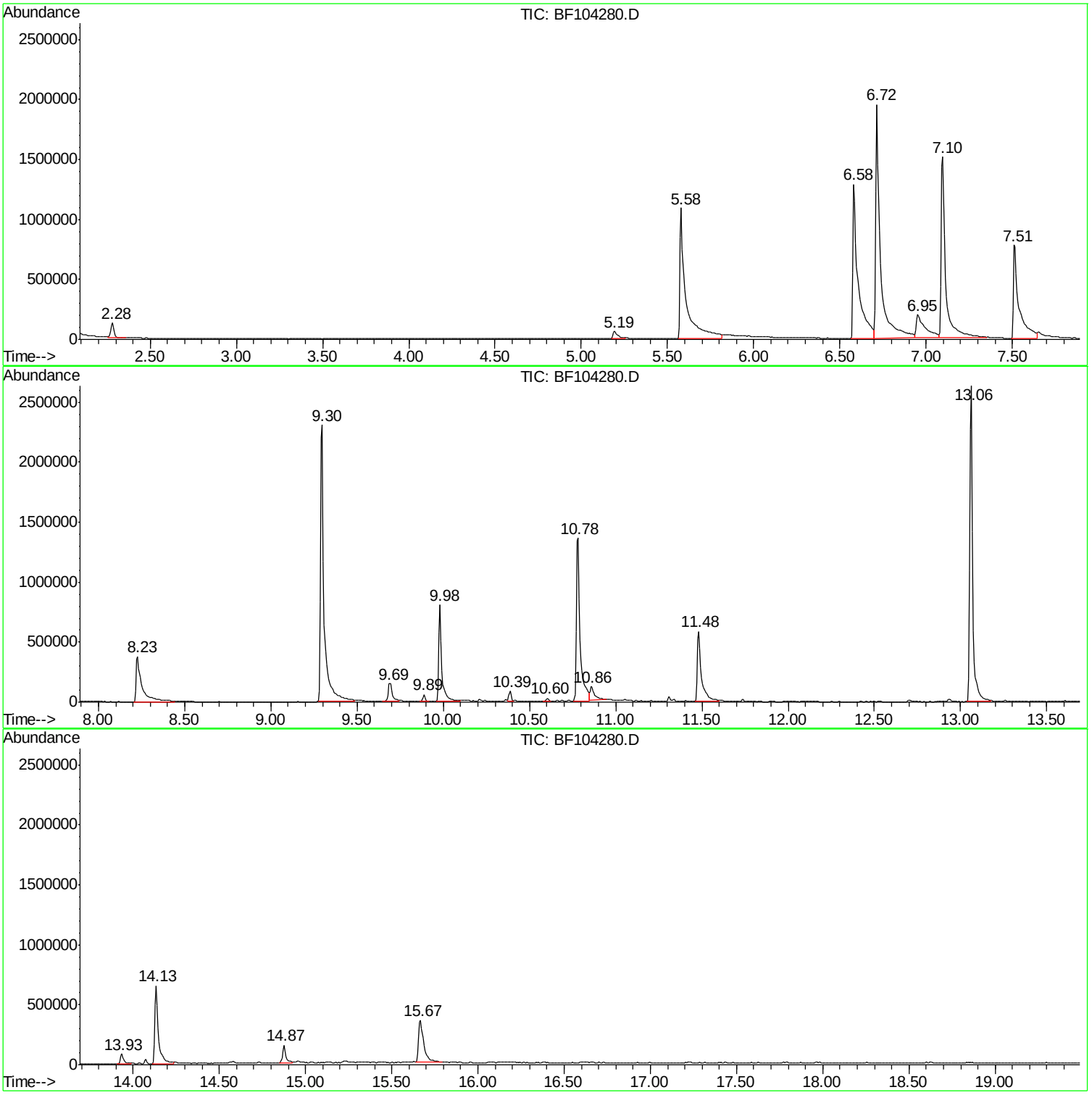
ES-4-DWS-BOTTOM@5.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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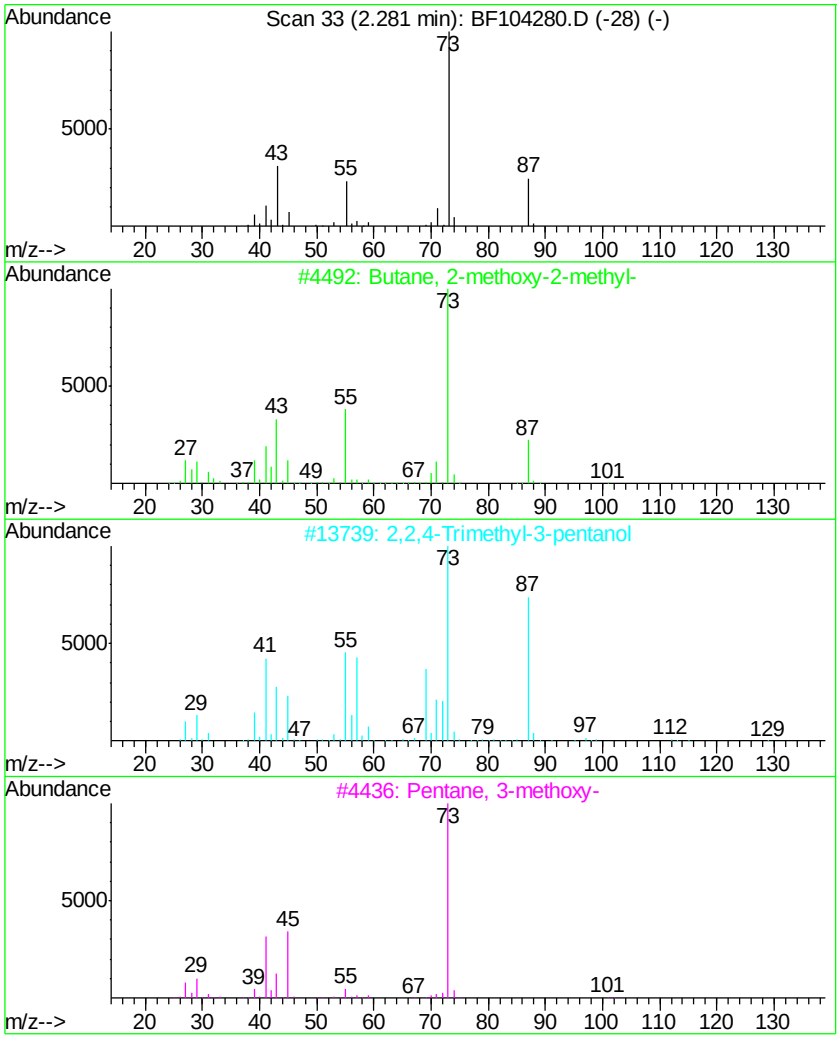
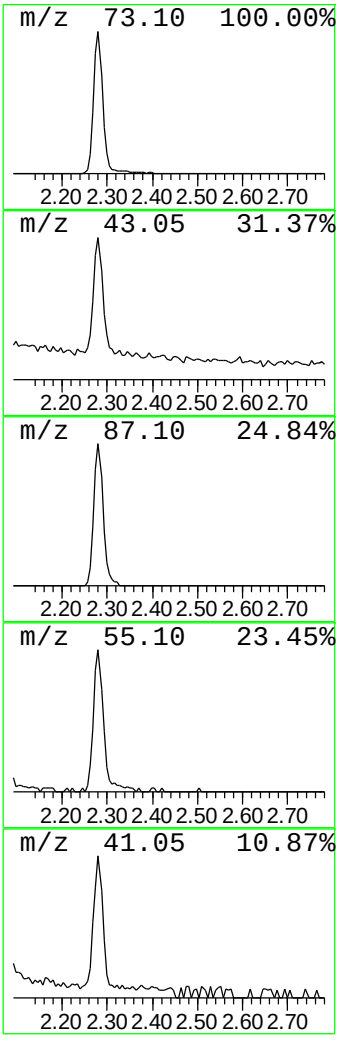
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	5.08 ng	177665	1,4-Dichlorobenzene-d4	6.95

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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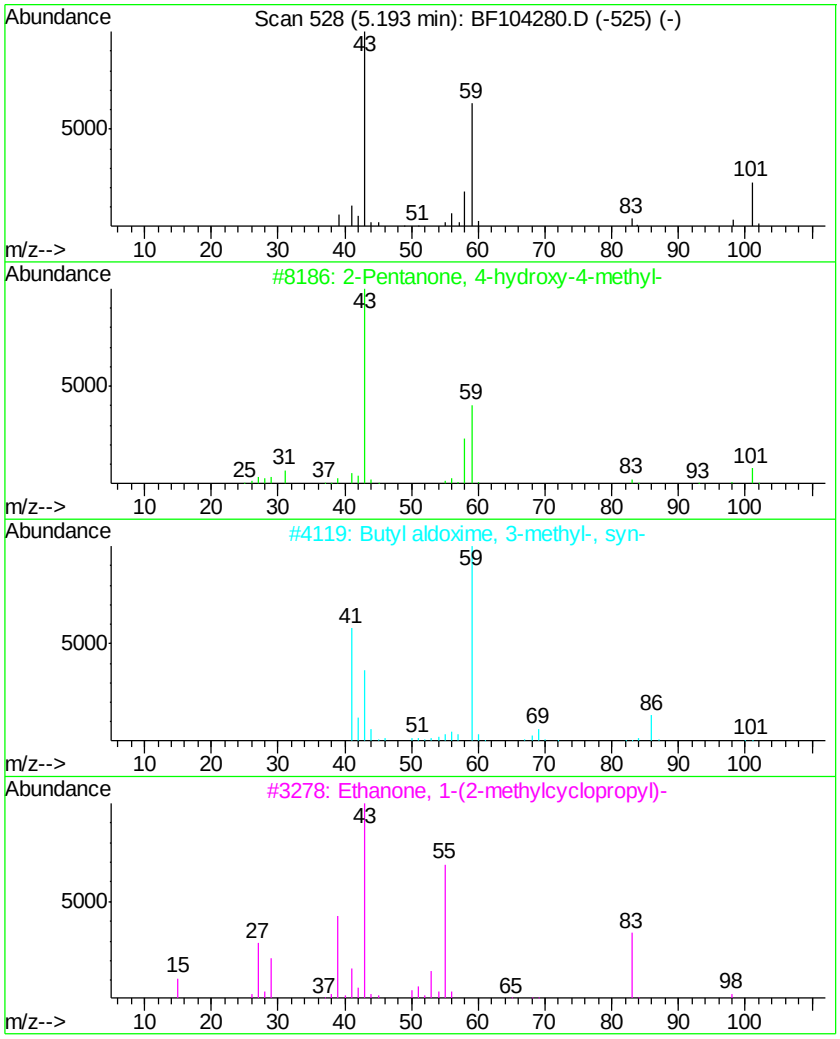
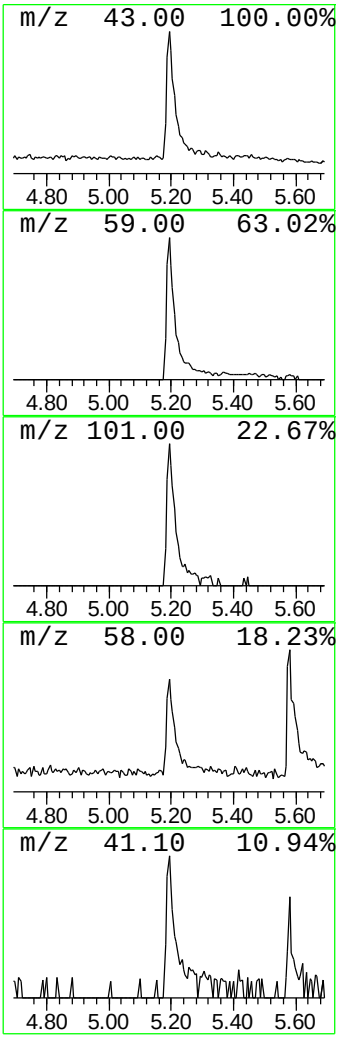
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.38 ng	118034	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
3	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : ES-4-DWS-BOTTOM@5.5

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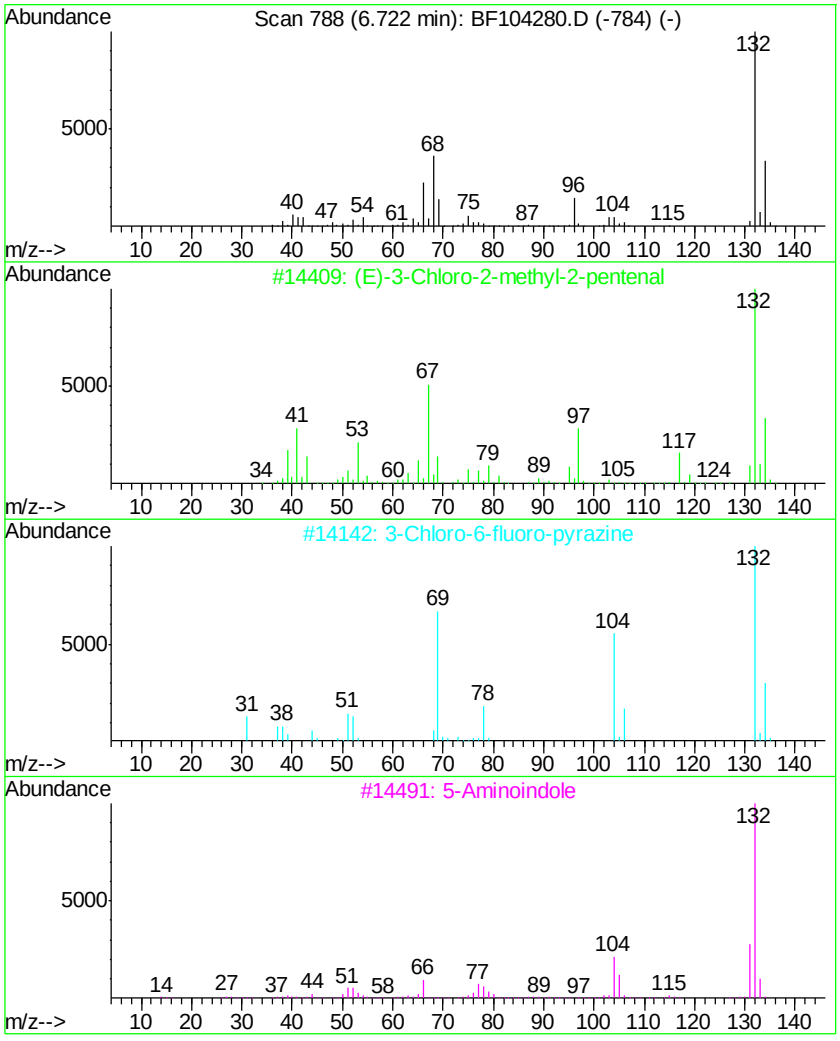
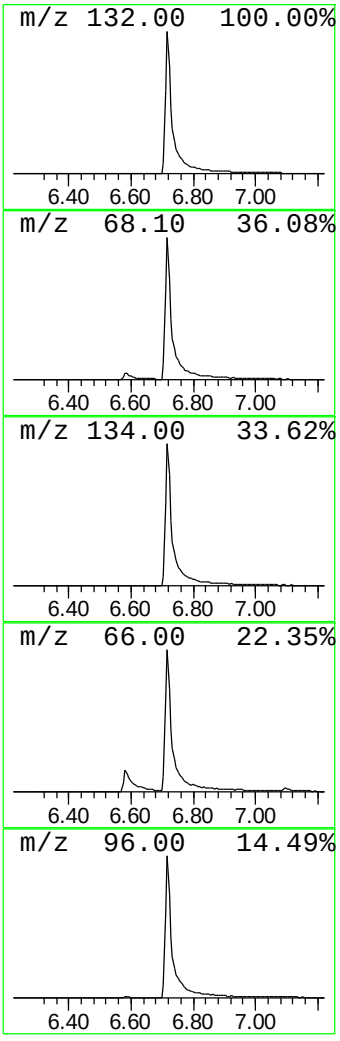
Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	102.46 ng	3580510	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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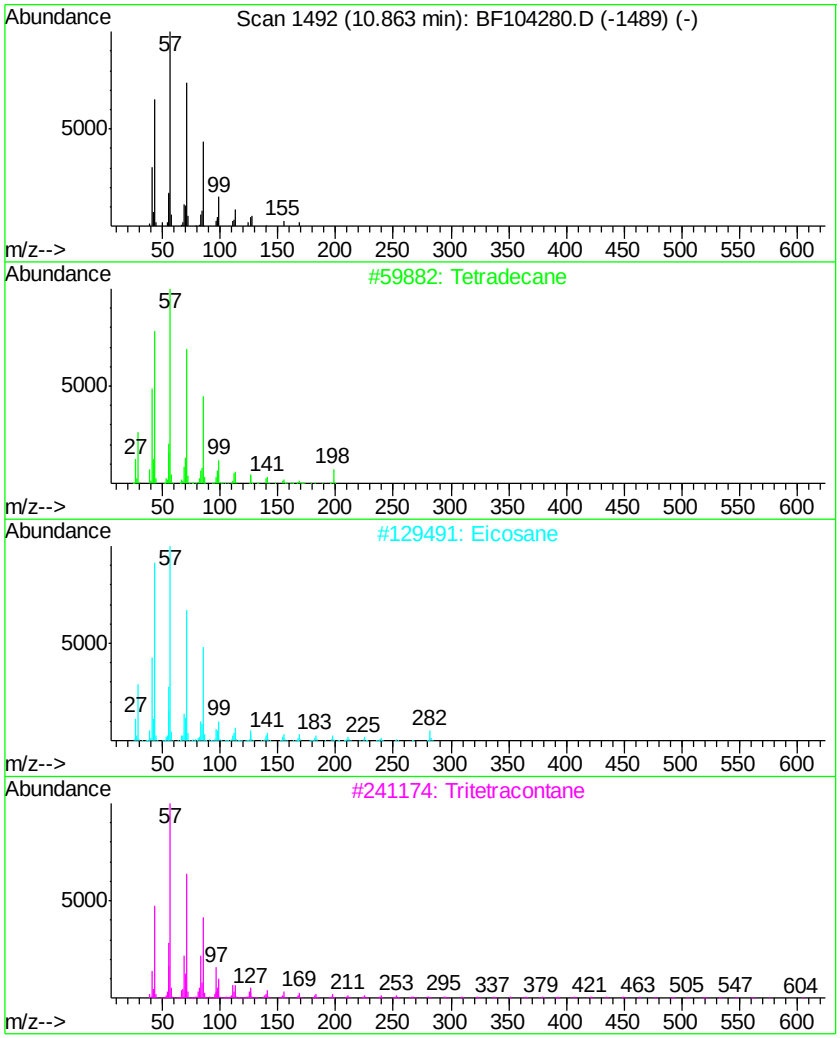
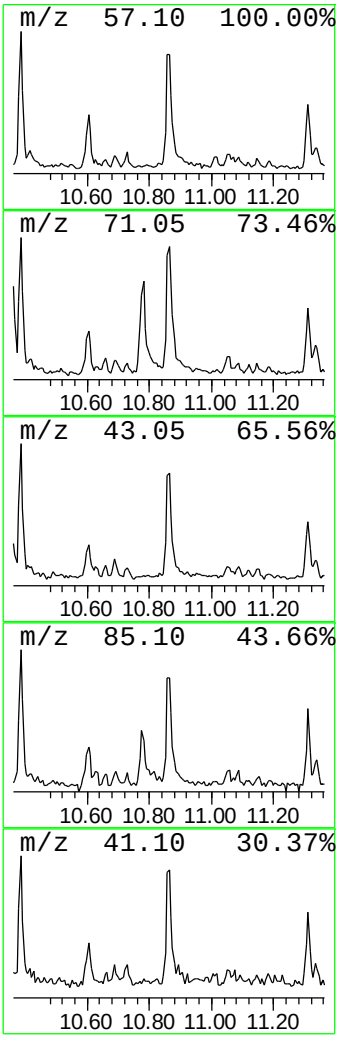
Peak Number 5 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	4.19 ng	217260	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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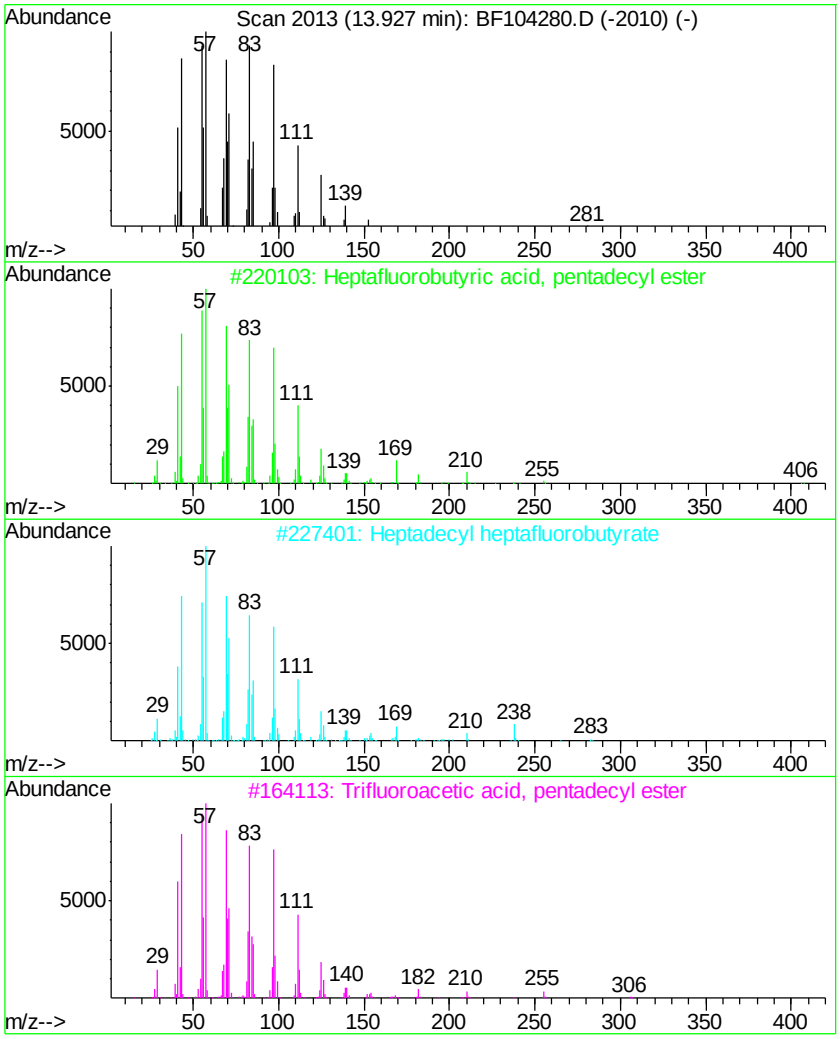
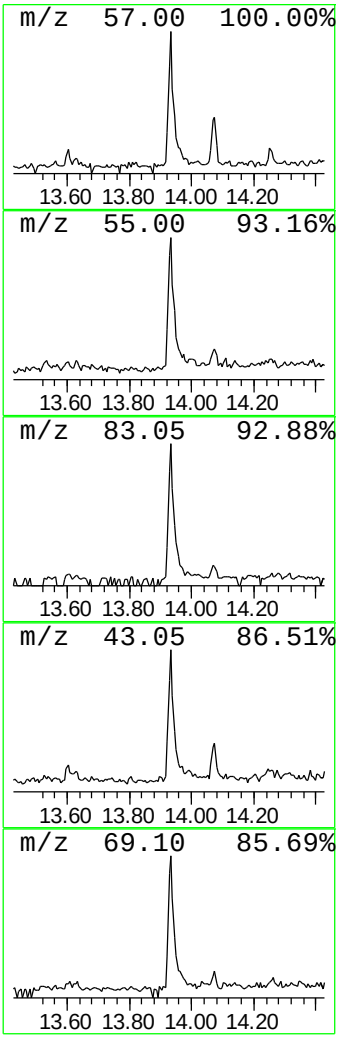
Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.19 ng	106603	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95





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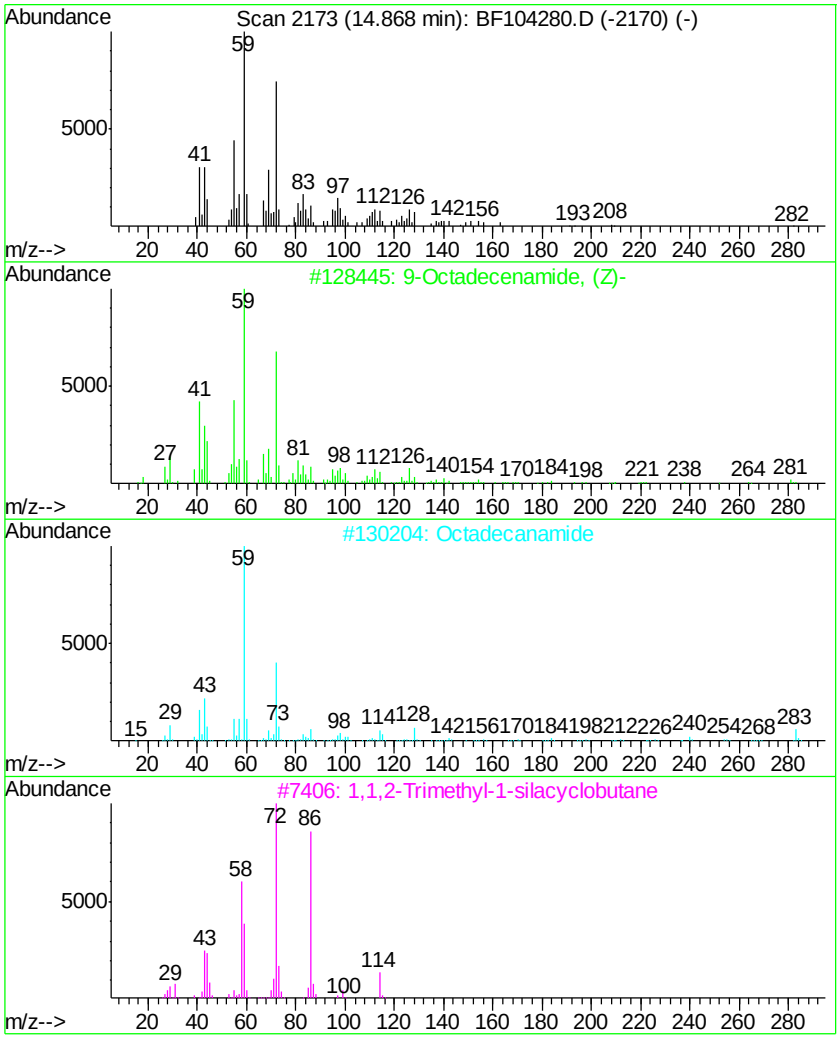
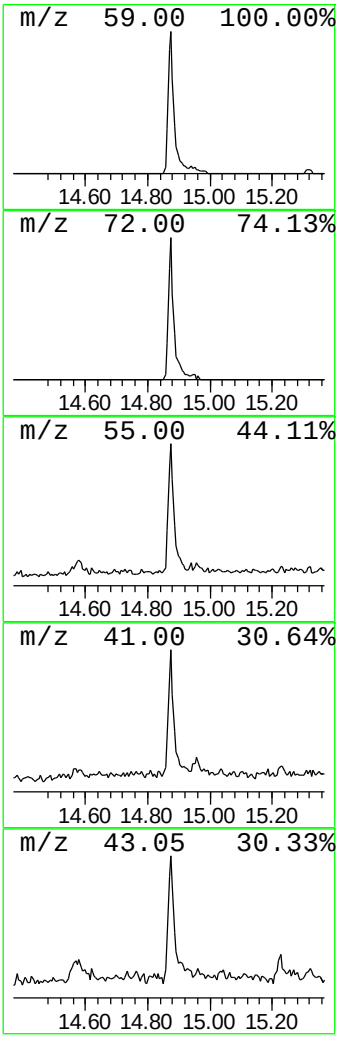
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.86 ng	188050	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Octadecanamide	283	C18H37NO	000124-26-5	38
3	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	38
4	3-Tridecanol	200	C13H28O	010289-68-6	35
5	Menthane, 3-(2-methyl-2-hydroxy-...	212	C14H28O	1000160-06-0	30





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.28	5.1	ng	177665	1	6.95	698879	20.0
2-Pentanone, 4-hy...	5.19	3.4	ng	118034	1	6.95	698879	20.0
unknown6.72	6.72	102.5	ng	3580510	1	6.95	698879	20.0
Tetradecane	10.86	4.2	ng	217260	4	11.48	1035840	20.0
Heptafluorobutyri...	13.93	2.2	ng	106603	5	14.13	974567	20.0
9-Octadecenamide,...	14.87	3.9	ng	188050	5	14.13	974567	20.0