LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
Data File : BF134195.D
Acq On : 10 Jul 2023 20:05
Operator : CG\JU
Sample : 03514-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CP-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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134195.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	15	rVB	838874	891519	42.55%	5.722%
2	5.081	505	509	518	rVB	59033	69964	3.34%	0.449%
3	5.475	572	576	590	rBV	2178705	2095340	100.00%	13.449%
4	6.481	743	747	763	rBV	2215481	2061055	98.36%	13.229%
5	6.845	805	809	818	rBV	708253	602844	28.77%	3.869%
6	7.404	900	904	915	rBV	1384222	1234966	58.94%	7.927%
7	8.122	1023	1026	1032	rBV	1017007	798102	38.09%	5.123%
8	9.198	1206	1209	1212	rBV	2574651	2071833	98.88%	13.298%
9	9.880	1321	1325	1332	rVB	918148	725568	34.63%	4.657%
10	10.080	1355	1359	1367	rBV5	14261	26090	1.25%	0.167%
11	10.598	1443	1447	1453	rBV	148694	128145	6.12%	0.822%
12	10.674	1456	1460	1472	rBV	1163915	1038567	49.57%	6.666%
13	11.374	1575	1579	1590	rBV	745369	658425	31.42%	4.226%
14	11.904	1666	1669	1677	rBV	107135	126867	6.05%	0.814%
15	12.974	1847	1851	1854	rBV	1828393	1681733	80.26%	10.794%
16	13.886	2003	2006	2017	rVB2	116793	184809	8.82%	1.186%
17	14.039	2028	2032	2036	rBV	677273	627544	29.95%	4.028%
18	14.804	2159	2162	2168	rBV3	101679	151120	7.21%	0.970%
19	15.539	2284	2287	2295	rVB	304722	405535	19.35%	2.603%

Sum of corrected areas: 15580026

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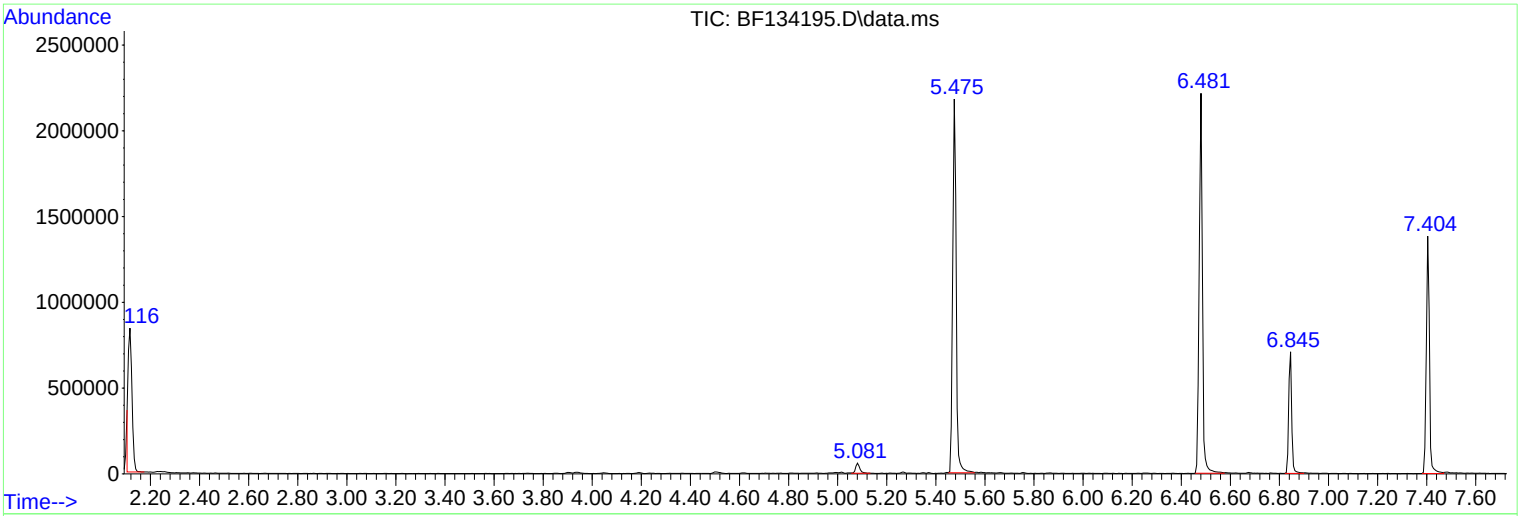
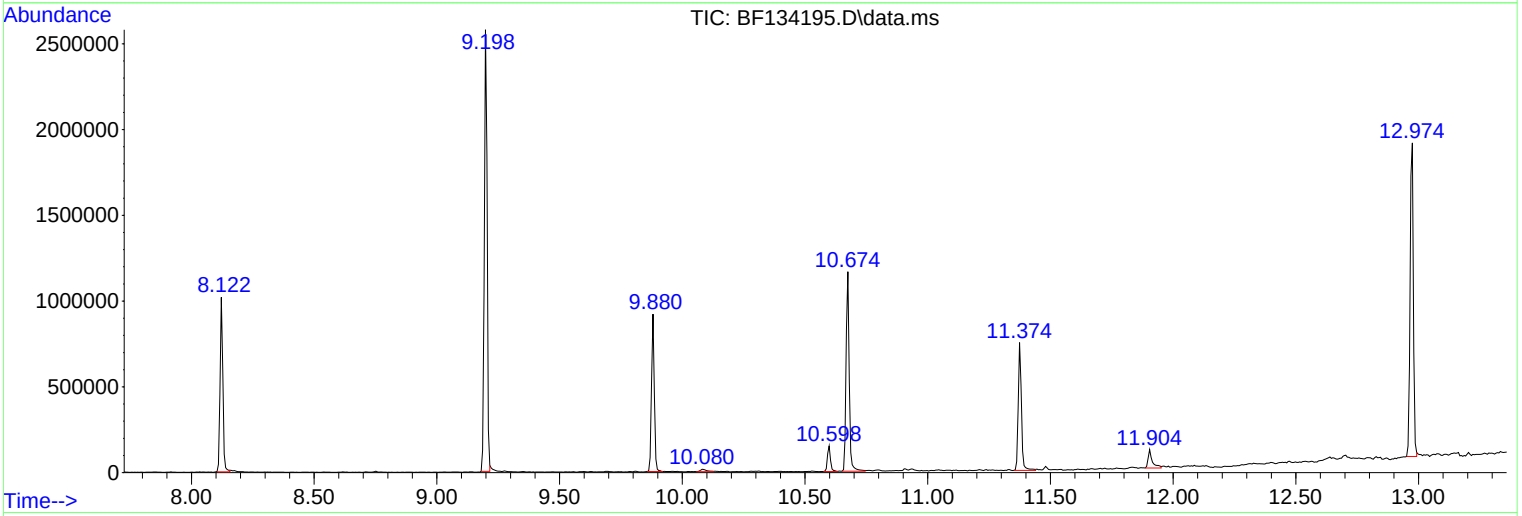
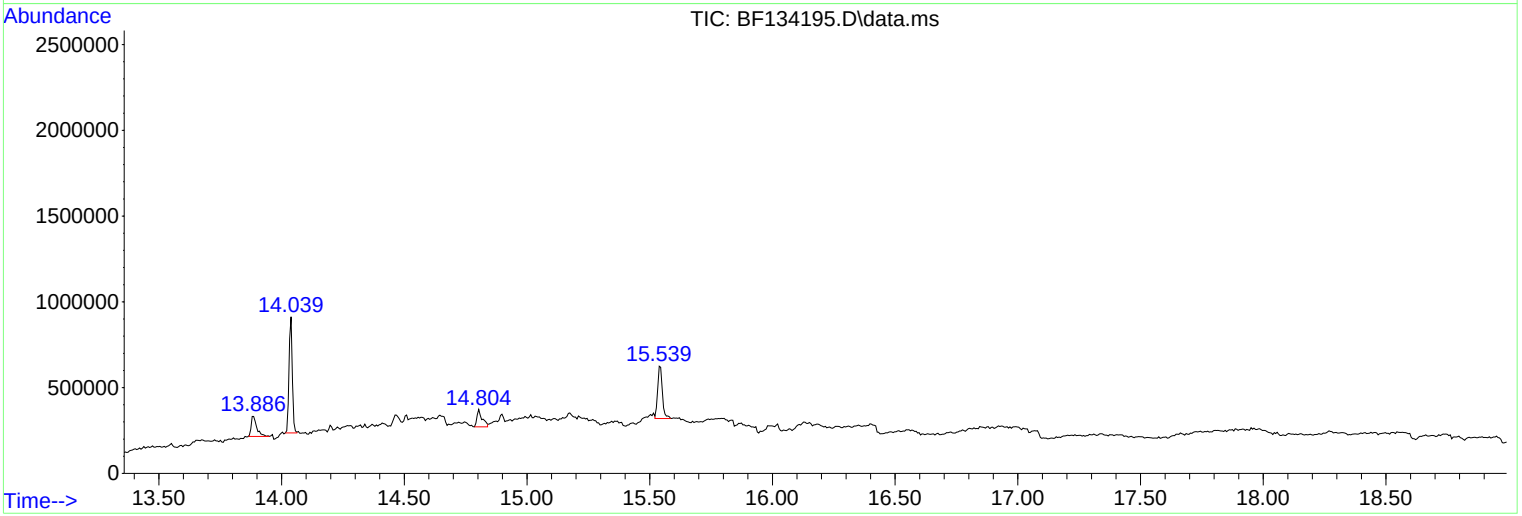
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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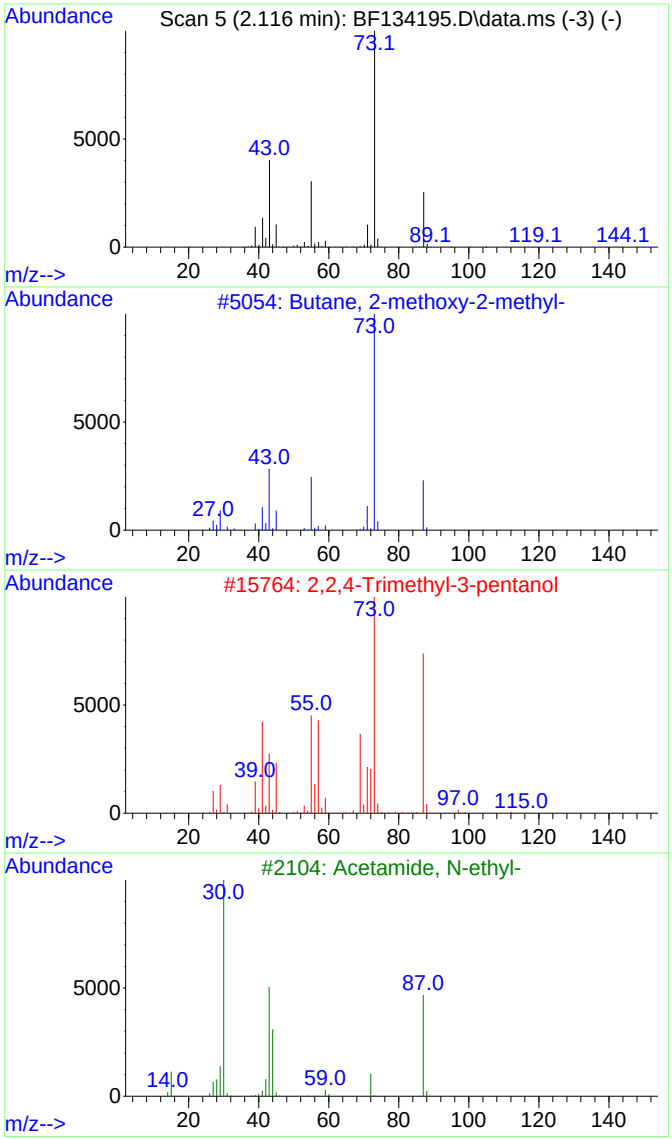
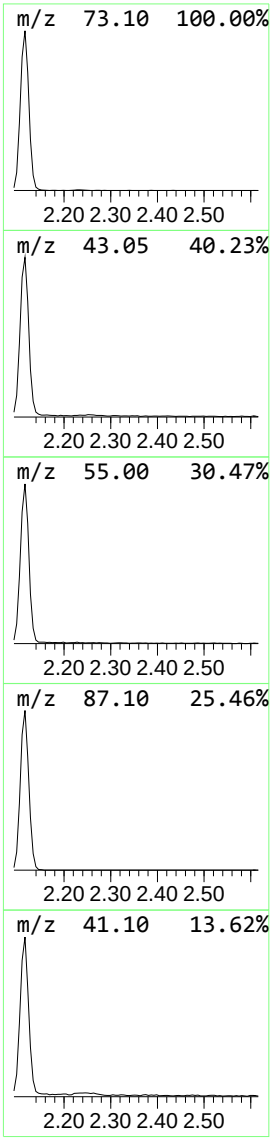
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	29.58 ng	891519	1,4-Dichlorobenzene-d4	6.845

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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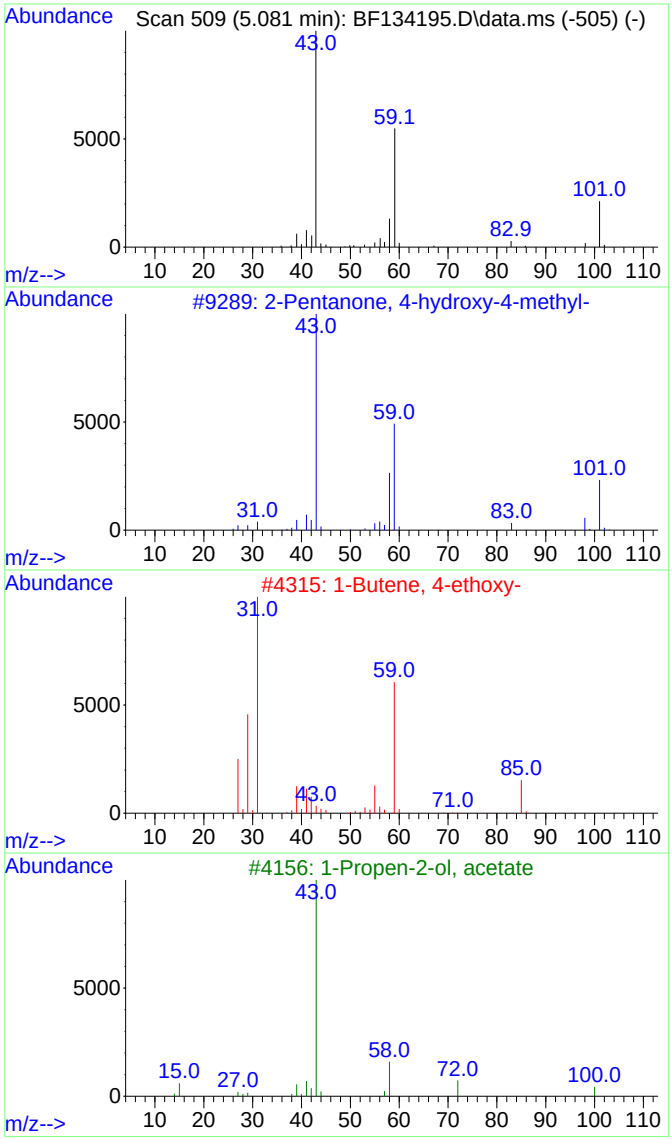
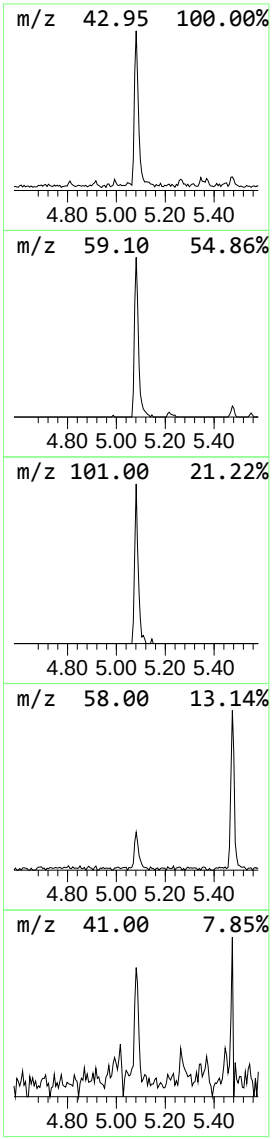
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	2.32 ng	69964	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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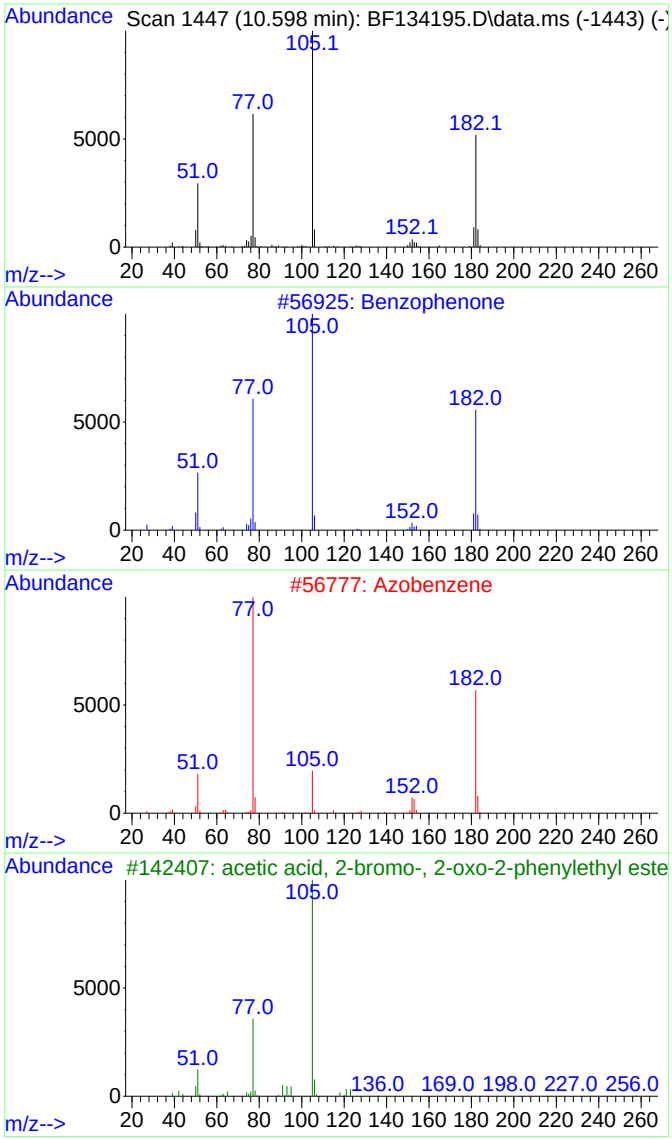
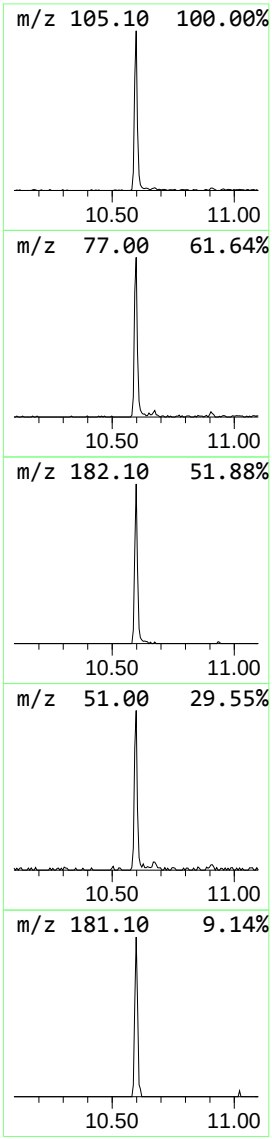
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	3.53 ng	128145	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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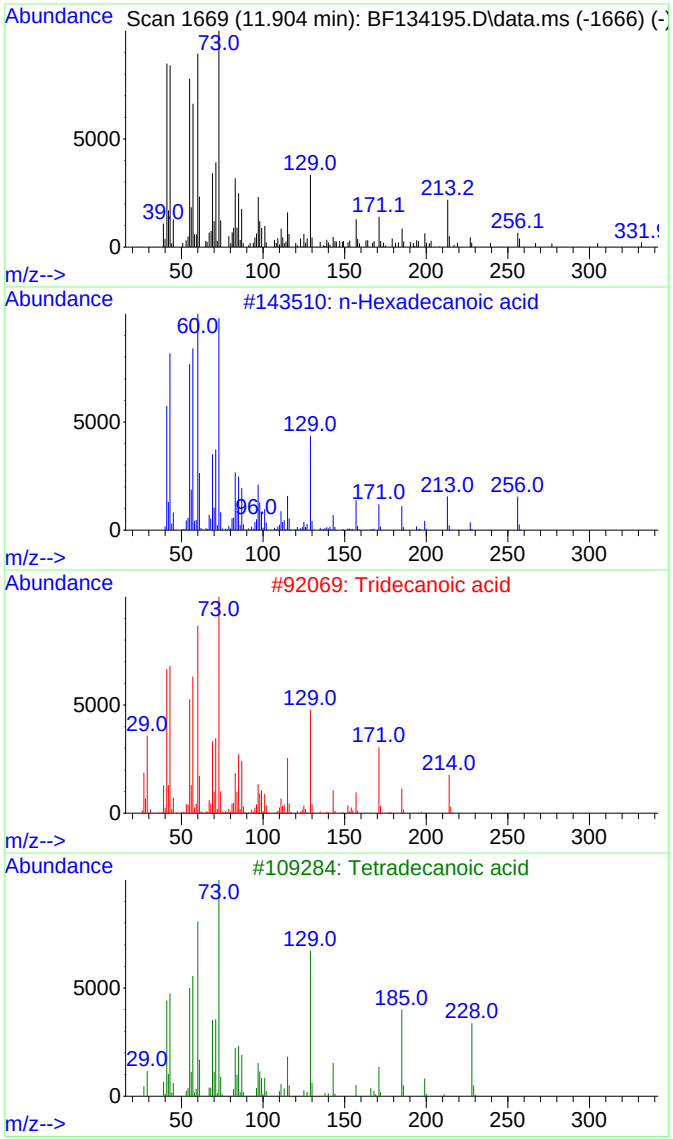
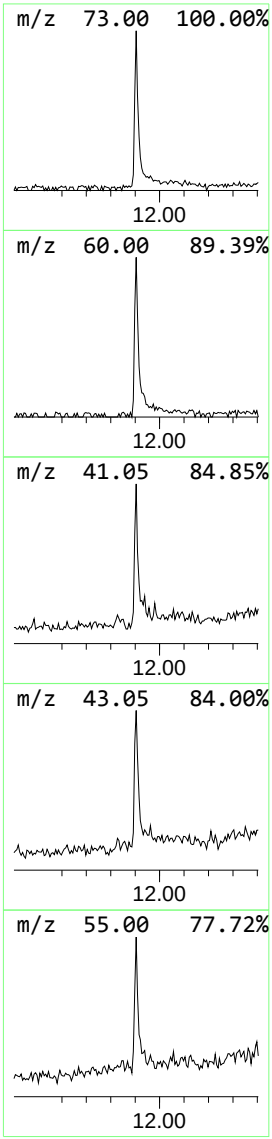
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.85 ng	126867	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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BNA_F
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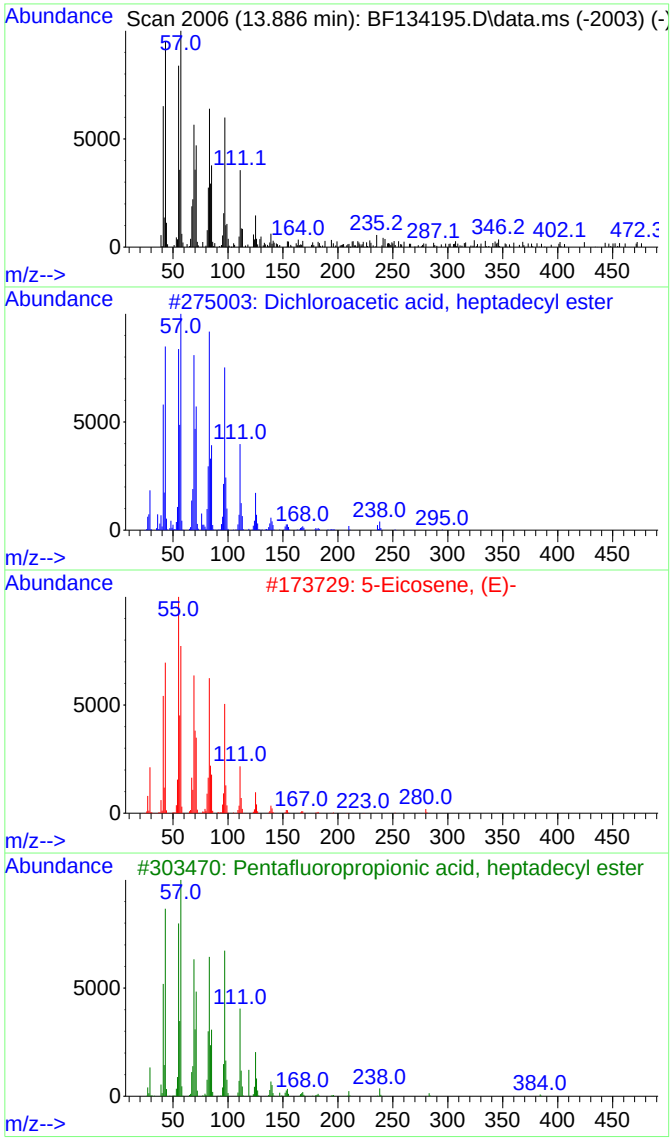
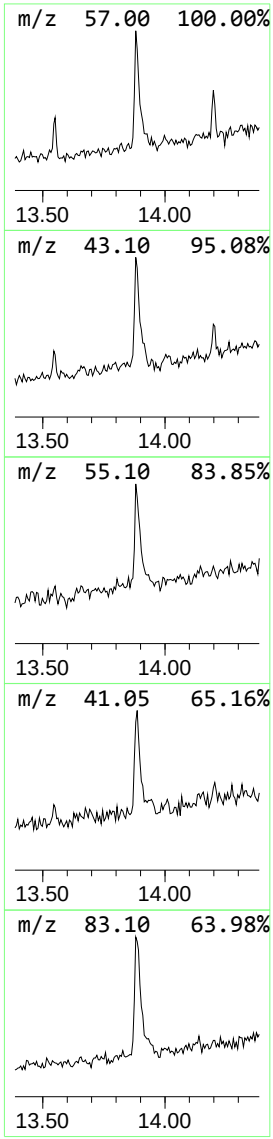
****
Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	5.89 ng	184809	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Z-14-Nonacosene	406	C29H58	1010131-18-9	90
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90





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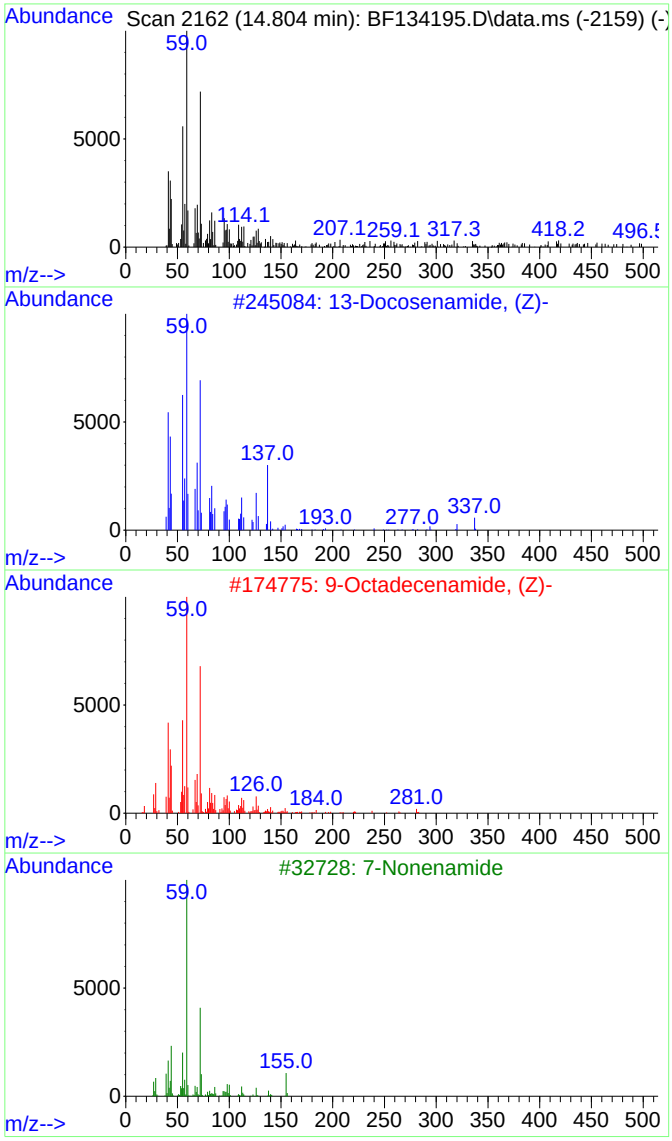
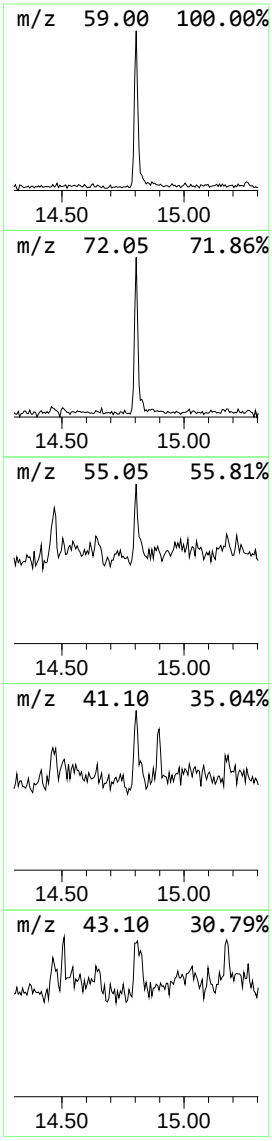
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	7.45 ng	151120	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	7-Nonenamide	155	C9H17NO	090949-53-4	64
4	Chlorfenapyr	406	C15H11BrClF3N2O	122453-73-0	46
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	43





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...	2.116	29.6	ng	891519	1	6.845	602844	20.0
2-Pentanone, 4-...	5.081	2.3	ng	69964	1	6.845	602844	20.0
Benzophenone	10.598	3.5	ng	128145	3	9.880	725568	20.0
n-Hexadecanoic ...	11.904	3.9	ng	126867	4	11.374	658425	20.0
Dichloroacetic ...	13.886	5.9	ng	184809	5	14.039	627544	20.0
13-Docosenamide...	14.804	7.5	ng	151120	6	15.539	405535	20.0