LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087395.D
Acq On : 26 May 2016 4:45
Operator : UM/SJ
Sample : H3220-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33-COMP

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-BF052316.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	1.644	4	5	44	rVB	1661300	3048789	74.54%	8.607%
2	4.799	279	281	296	rBV	179508	497106	12.15%	1.403%
3	5.461	336	339	357	rBV	2642583	4019982	98.28%	11.348%
4	7.096	479	482	485	rBV	2332681	4021554	98.32%	11.353%
5	7.187	487	490	503	rVB	2971789	4090401	100.00%	11.547%
6	7.519	517	519	524	rBV	546422	705433	17.25%	1.991%
7	7.759	537	540	543	rBV	2317342	2964013	72.46%	8.367%
8	8.445	596	600	602	rBV	1770967	2610815	63.83%	7.370%
9	9.553	694	697	708	rBV	665444	845820	20.68%	2.388%
10	11.336	849	853	855	rBV	3005795	3878876	94.83%	10.950%
11	12.022	910	913	916	rBV	569904	858738	20.99%	2.424%
12	12.376	941	944	955	rVB	612841	817456	19.98%	2.308%
13	13.222	1015	1018	1020	rVB	34872	47581	1.16%	0.134%
14	13.679	1055	1058	1065	rBV	1546231	2057798	50.31%	5.809%
15	13.988	1083	1085	1090	rBV	54596	88667	2.17%	0.250%
16	14.720	1146	1149	1151	rBV	32957	41430	1.01%	0.117%
17	14.777	1151	1154	1160	rVB	524258	694578	16.98%	1.961%
18	17.131	1357	1360	1363	rBV	2315959	2809536	68.69%	7.931%
19	18.377	1467	1469	1475	rBV	64654	103322	2.53%	0.292%
20	18.468	1475	1477	1480	rVV	470345	619408	15.14%	1.749%
21	18.537	1480	1483	1487	rVB	31636	60619	1.48%	0.171%
22	19.509	1566	1568	1570	rBV	32460	44127	1.08%	0.125%
23	19.611	1574	1577	1579	rBV	43949	59407	1.45%	0.168%
24	20.137	1621	1623	1629	rBV	271460	438248	10.71%	1.237%

Sum of corrected areas: 35423704

LSC Report - Integrated Chromatogram

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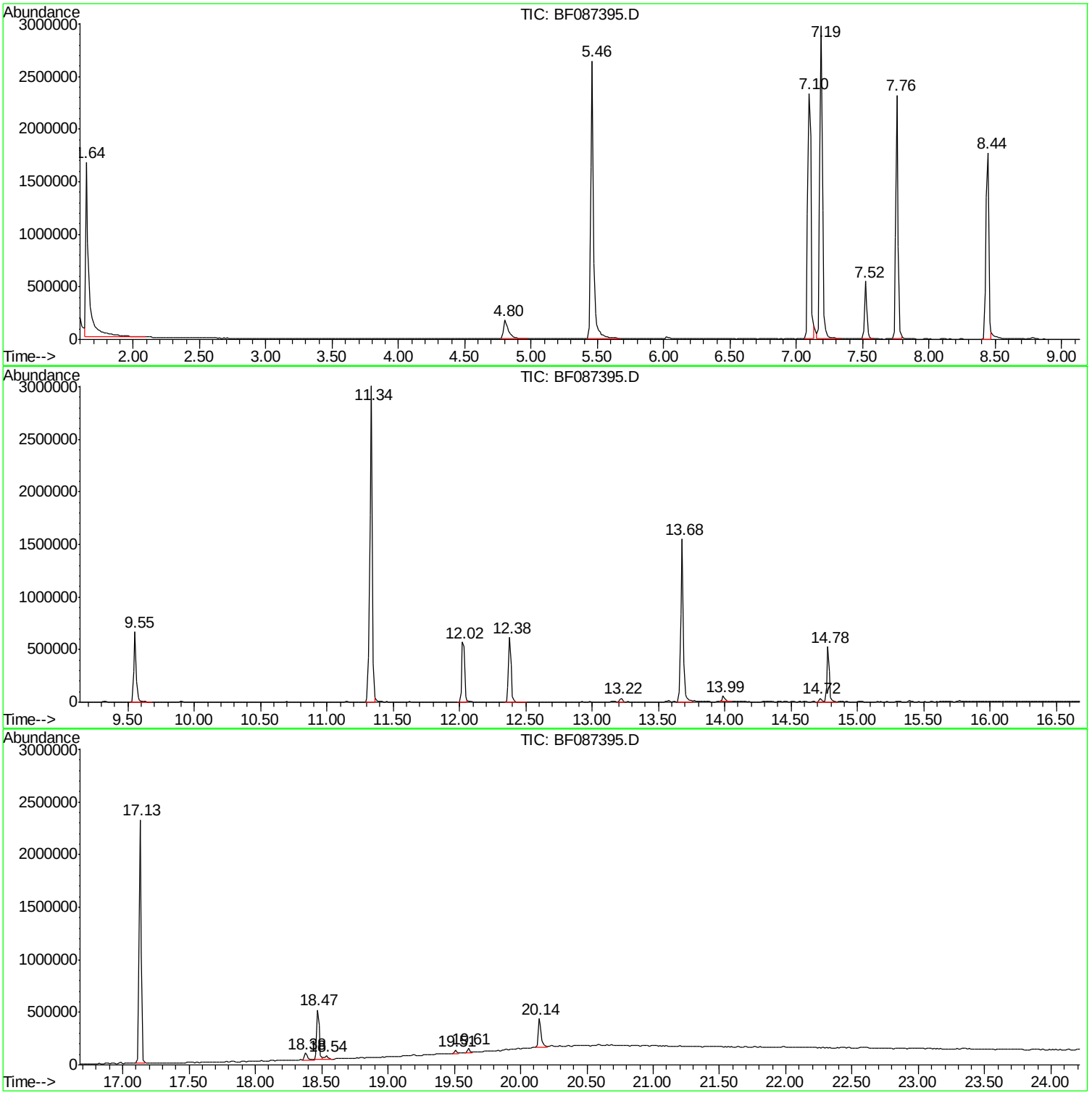
BNA_F
ClientSampleId :
SB-33-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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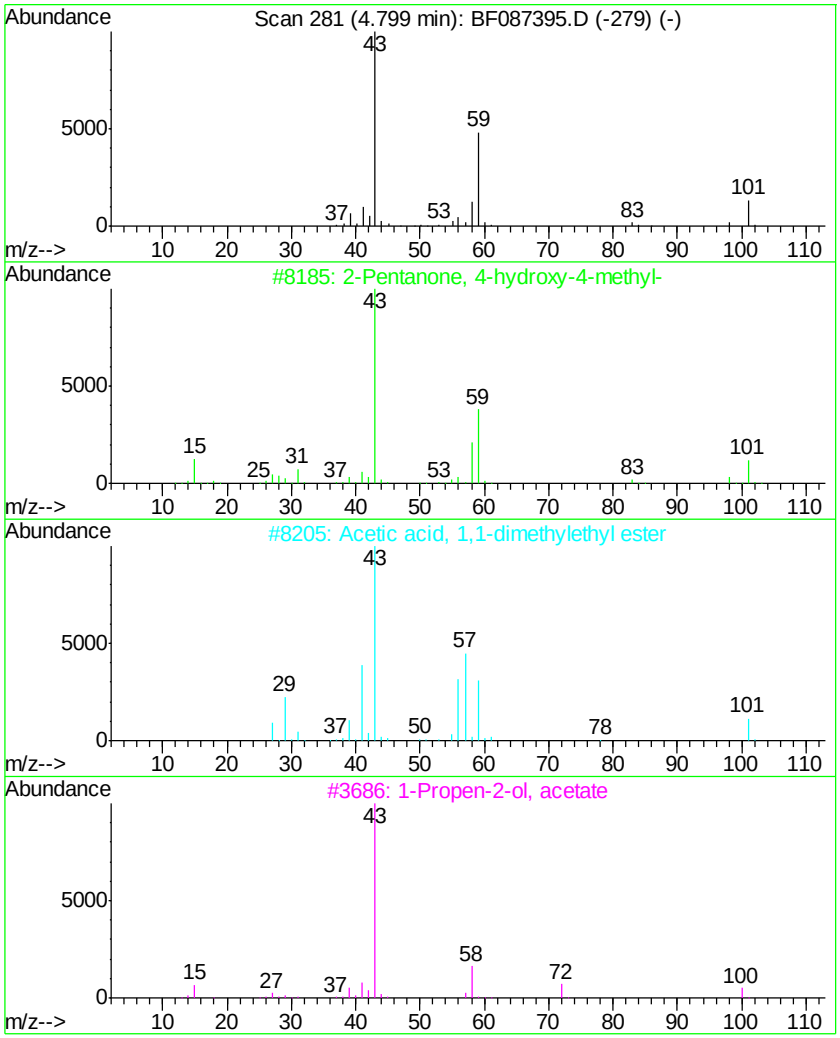
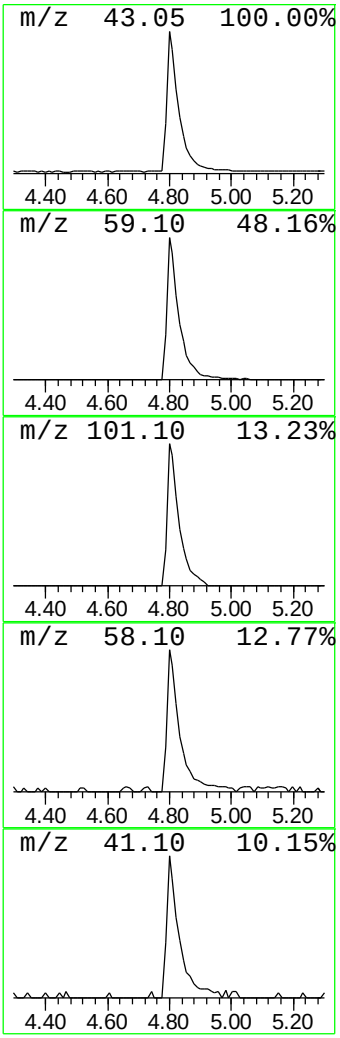
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	14.09 ng	497106	1,4-Dichlorobenzene-d4	7.52

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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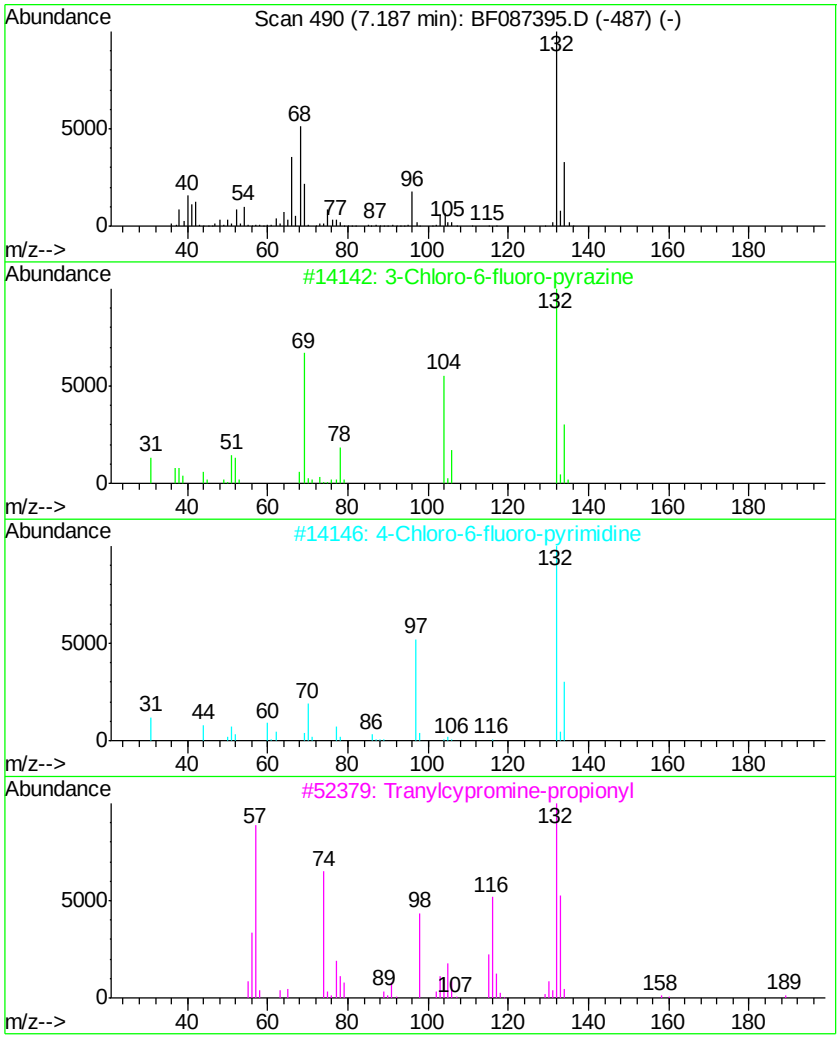
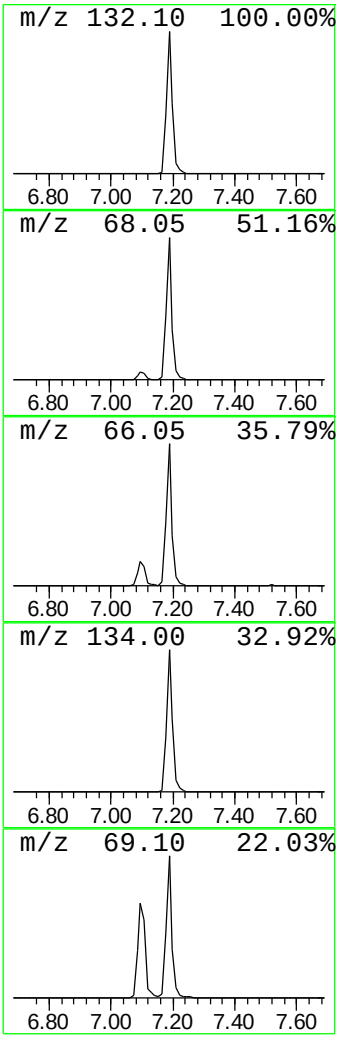
Peak Number 3 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	115.97 ng	4090400	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : H3220-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-33-COMP

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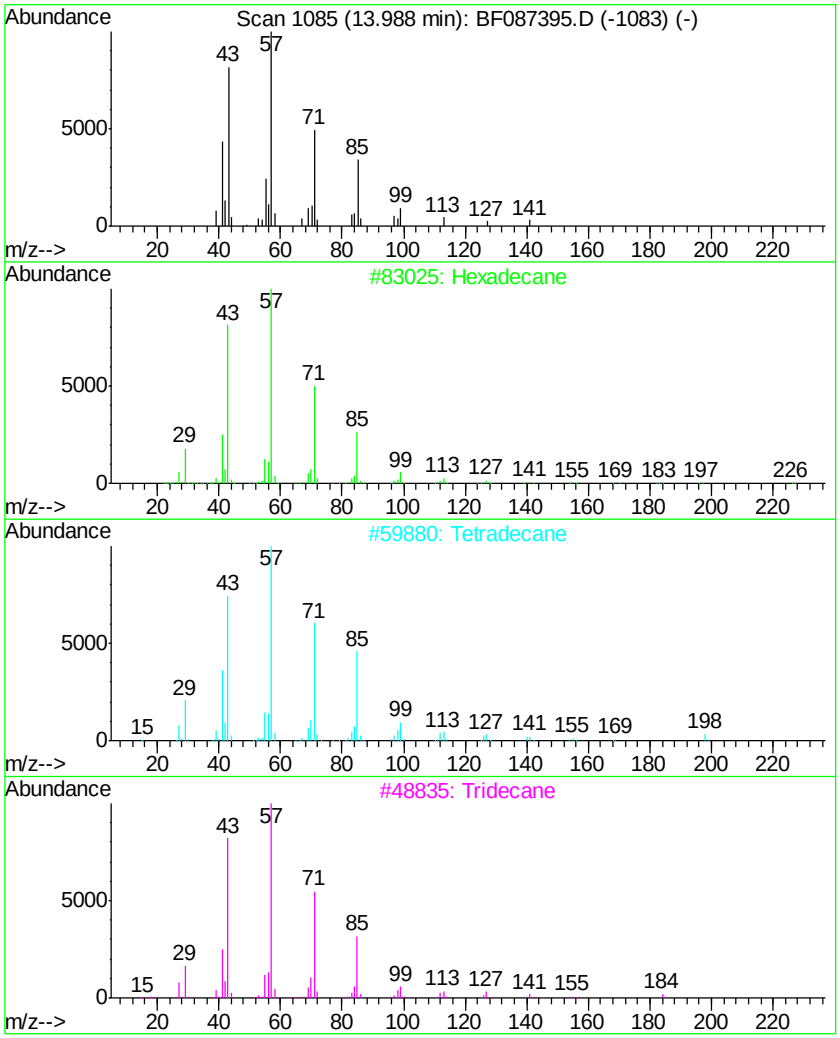
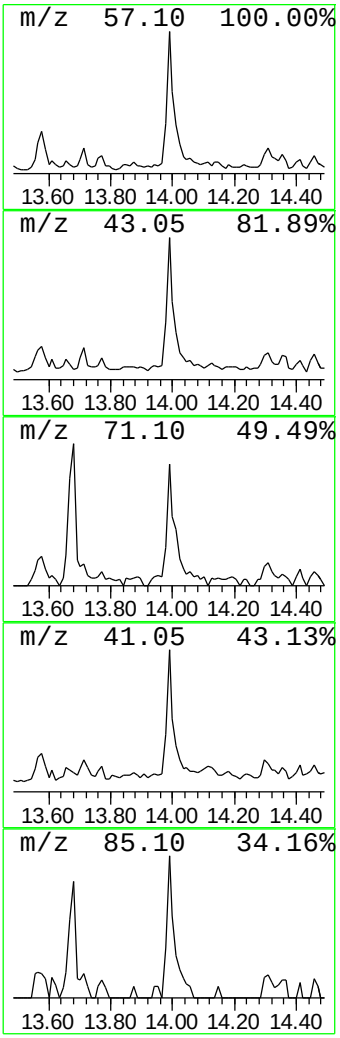
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.55 ng	88667	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83





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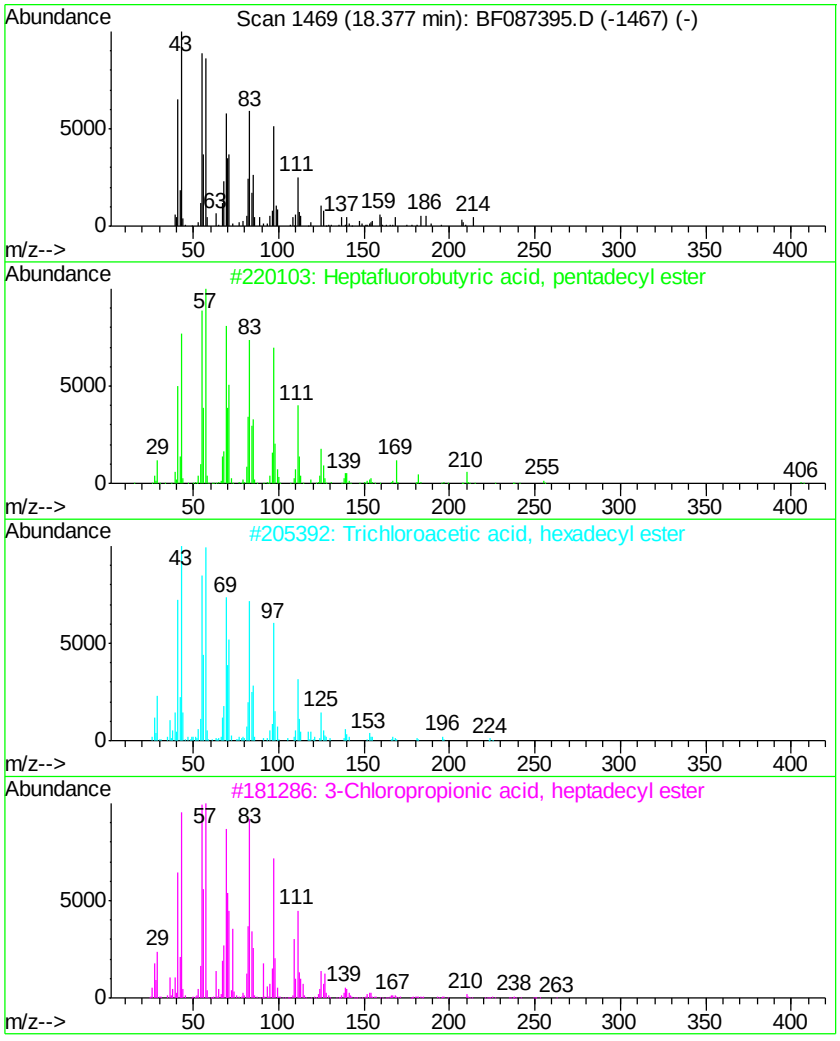
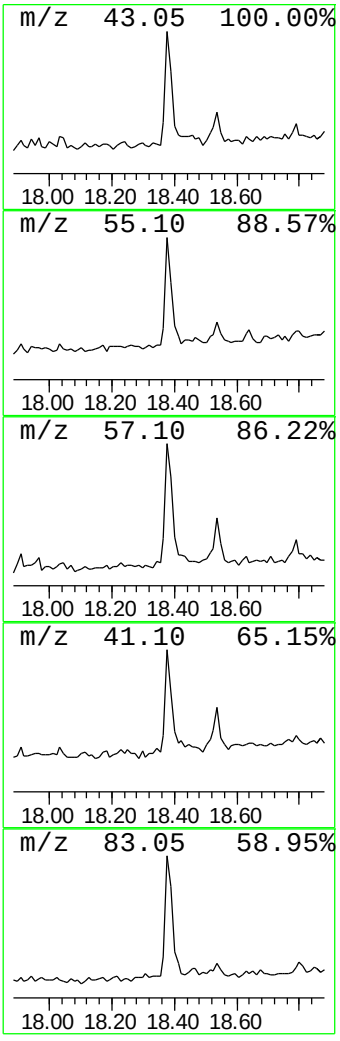
Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.34 ng	103322	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	83





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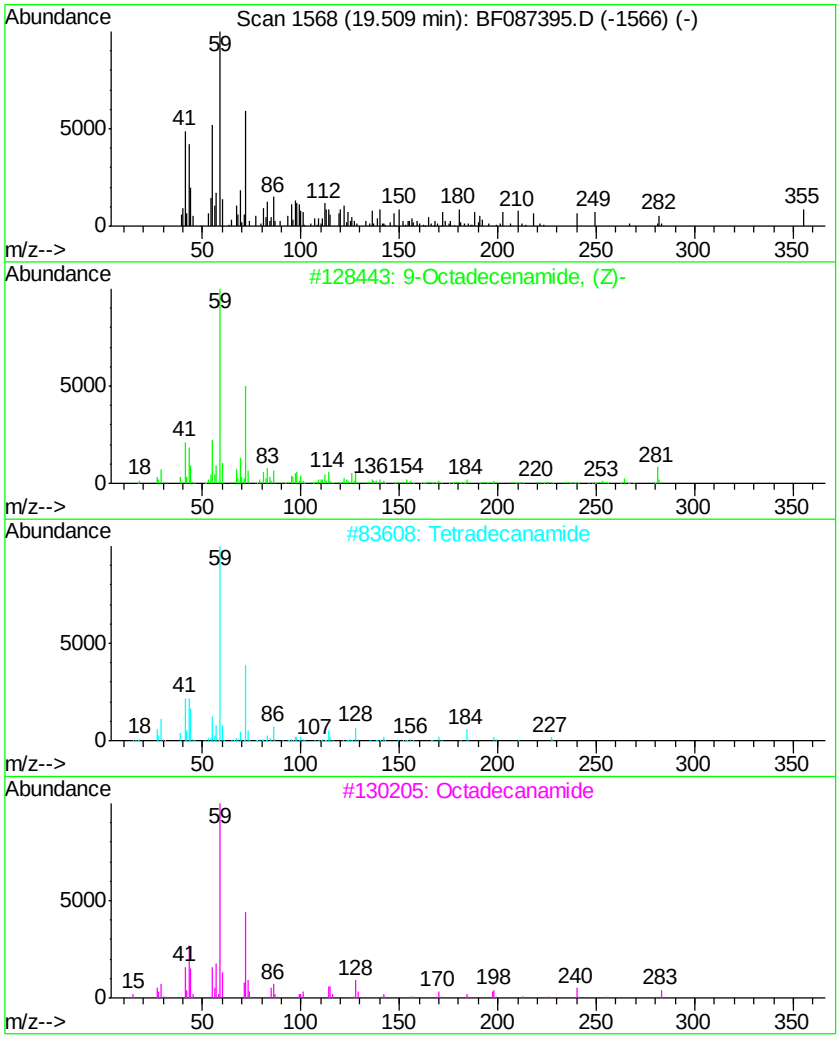
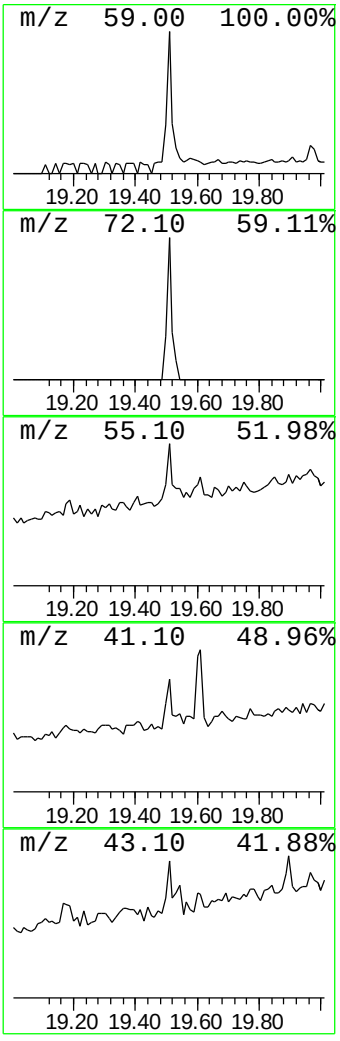
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	2.01 ng	44127	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	76
2	Tetradecanamide	227	C14H29NO	000638-58-4	59
3	Octadecanamide	283	C18H37NO	000124-26-5	59
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Dodecanamide	199	C12H25NO	001120-16-7	59





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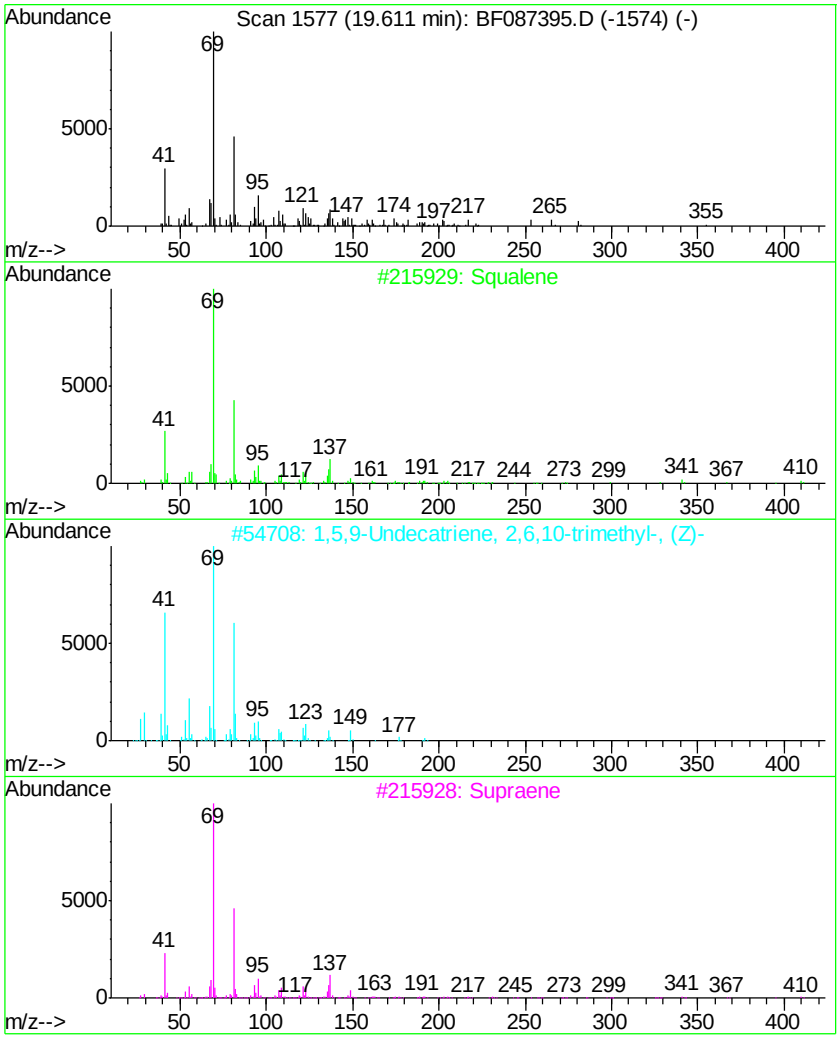
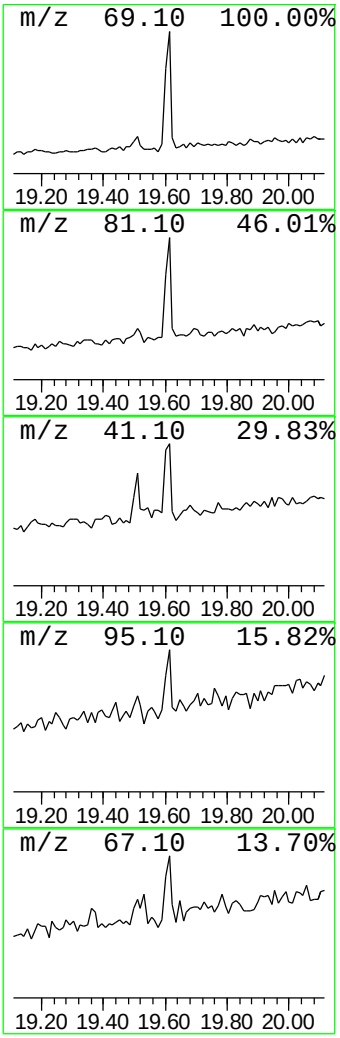
Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.71 ng	59407	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	72
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68
3	Supraene	410	C30H50	007683-64-9	64
4	Dasycarpidan-1-methanol, acetate...	326	C20H26N2O2	055724-48-6	64
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	14.1	ng	497106	1	7.52	705433	20.0
unknown7.19	7.19	116.0	ng	4090400	1	7.52	705433	20.0
Hexadecane	13.99	2.5	ng	88667	4	14.78	694578	20.0
Heptafluorobutyri...	18.38	3.3	ng	103322	5	18.47	619408	20.0
9-Octadecenamide,...	19.51	2.0	ng	44127	6	20.14	438248	20.0
Squalene	19.61	2.7	ng	59407	6	20.14	438248	20.0