LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087401.D
Acq On : 26 May 2016 8:09
Operator : UM/SJ
Sample : H3220-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-28-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	42	rVB	1506124	2729090	64.30%	7.847%
2	4.787	277	280	294	rBV	176920	502478	11.84%	1.445%
3	5.450	335	338	354	rBV	2518152	4061689	95.70%	11.679%
4	7.085	478	481	484	rBV	2429498	3910527	92.14%	11.244%
5	7.187	487	490	503	rVB	2823905	4244088	100.00%	12.203%
6	7.519	517	519	524	rBV	563990	707633	16.67%	2.035%
7	7.759	537	540	543	rBV	2373208	3019367	71.14%	8.682%
8	8.433	596	599	602	rBV	1588671	2501419	58.94%	7.193%
9	9.553	694	697	712	rBV	608484	835394	19.68%	2.402%
10	11.336	849	853	855	rBV	2746470	3941716	92.88%	11.334%
11	12.022	910	913	918	rBV	441049	521451	12.29%	1.499%
12	12.377	941	944	950	rBV	624486	799317	18.83%	2.298%
13	13.211	1015	1017	1020	rVB	43995	63151	1.49%	0.182%
14	13.668	1054	1057	1060	rBV2	1265568	1897248	44.70%	5.455%
15	13.988	1082	1085	1090	rBV	68698	107486	2.53%	0.309%
16	14.777	1151	1154	1161	rVB	513586	651993	15.36%	1.875%
17	17.131	1357	1360	1363	rBV	2555079	2861208	67.42%	8.227%
18	18.389	1467	1470	1475	rBV	63868	129736	3.06%	0.373%
19	18.469	1475	1477	1480	rVV	538275	609987	14.37%	1.754%
20	18.537	1480	1483	1486	rVB	45947	77986	1.84%	0.224%
21	19.497	1565	1567	1569	rBV	53918	79964	1.88%	0.230%
22	19.600	1574	1576	1579	rBV	52661	69574	1.64%	0.200%
23	20.137	1620	1623	1630	rBV	358012	455333	10.73%	1.309%

Sum of corrected areas: 34777835

LSC Report - Integrated Chromatogram

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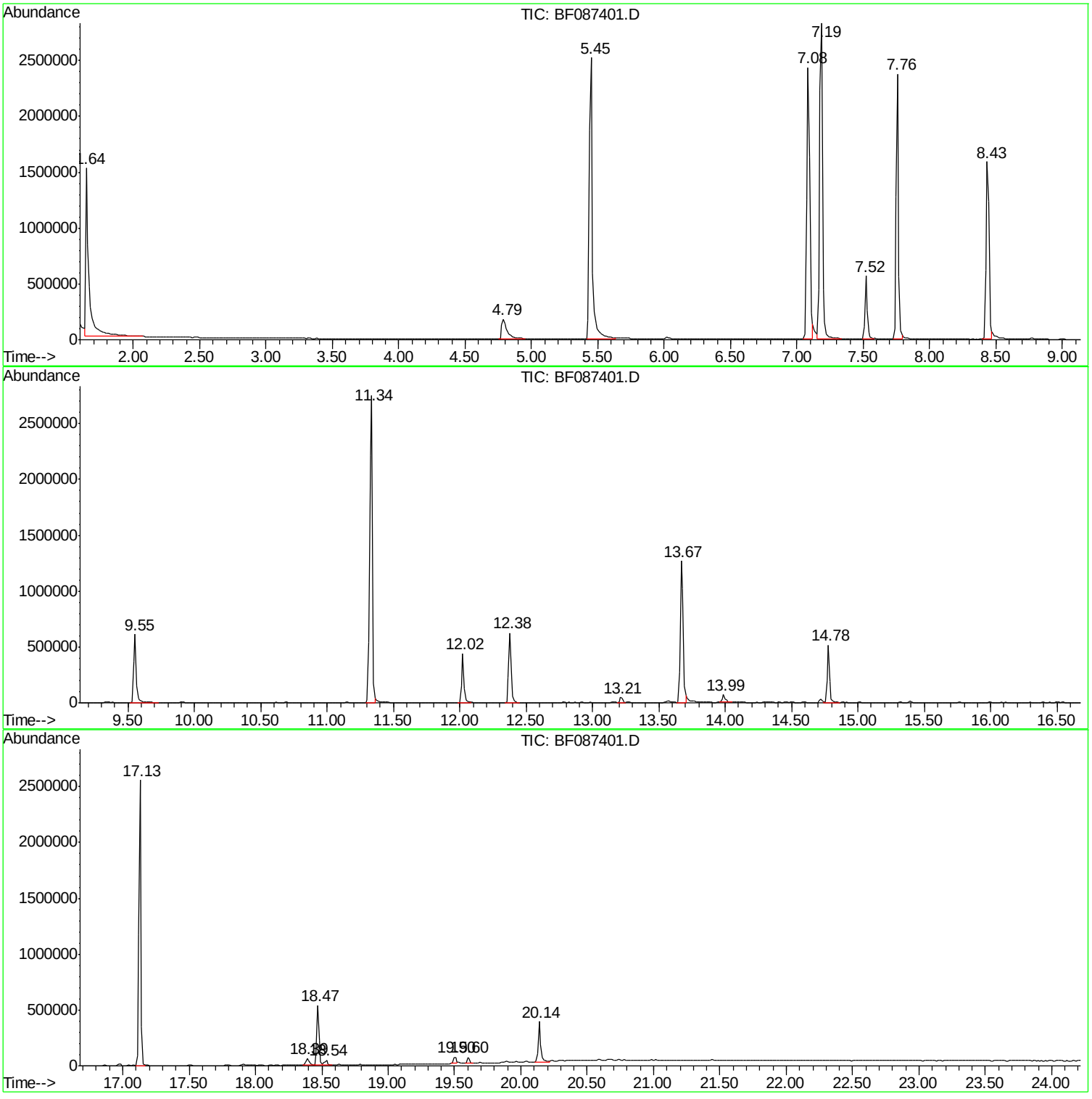
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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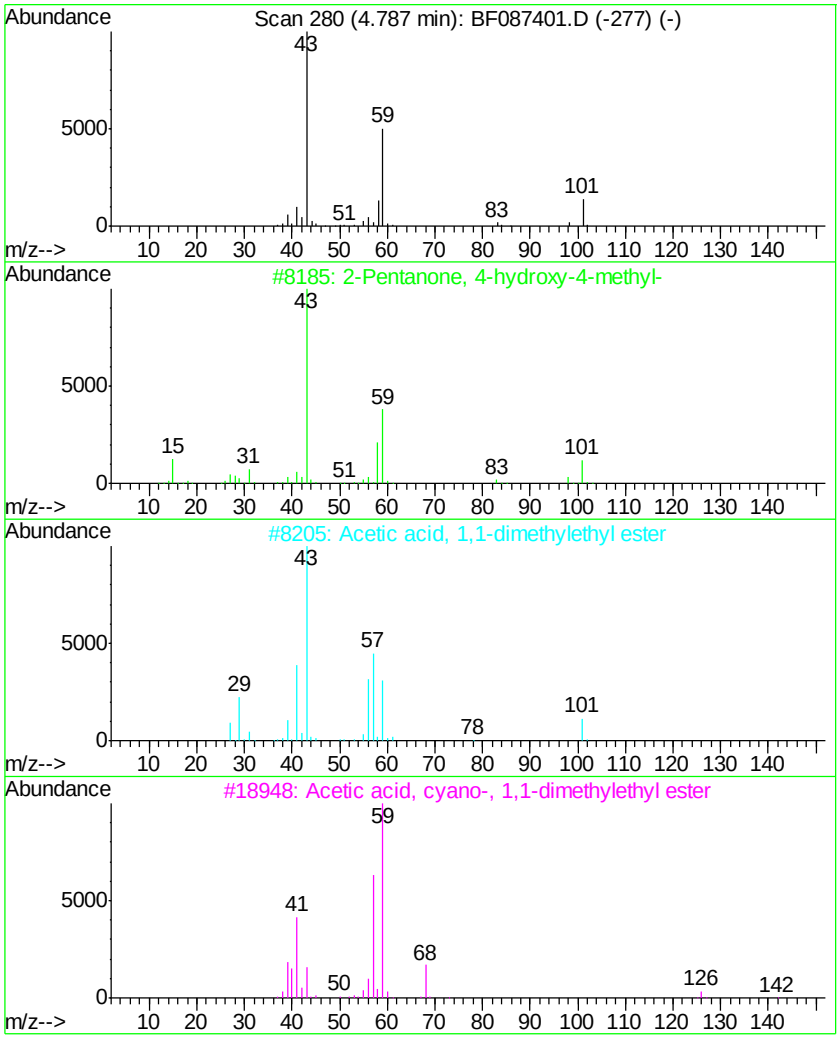
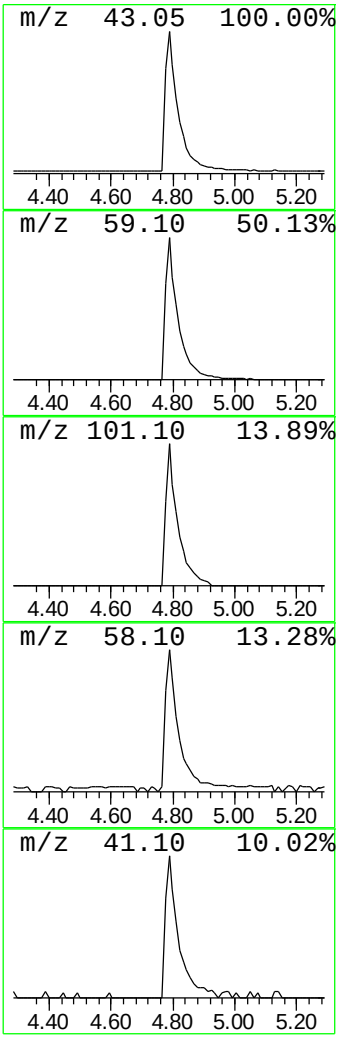
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	14.20 ng	502478	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane	58	C4H10	000106-97-8	9





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-28-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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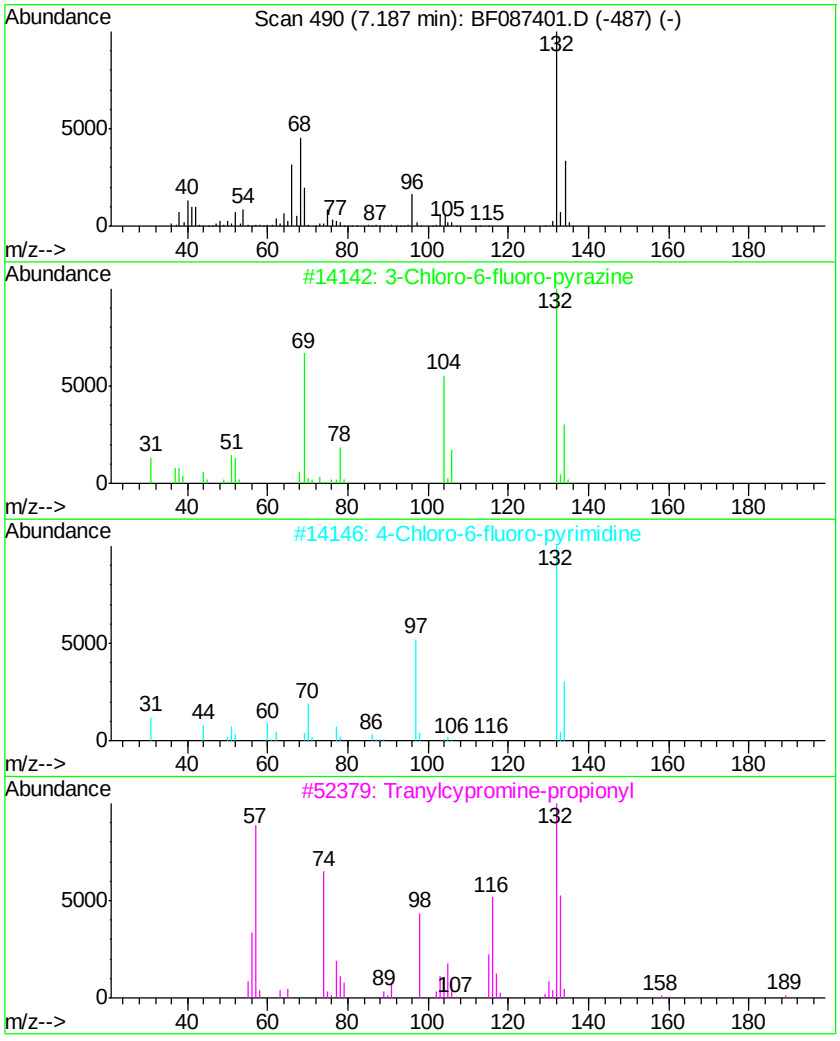
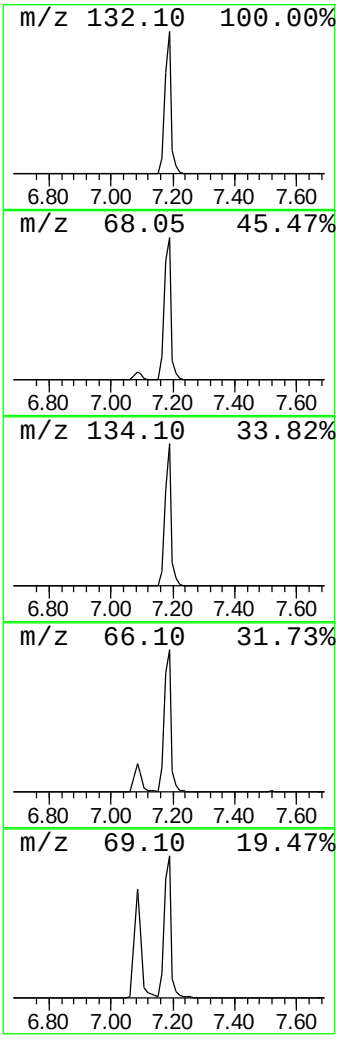
Peak Number 3 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	119.95 ng	4244090	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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ClientSampleId : SB-28-COMP

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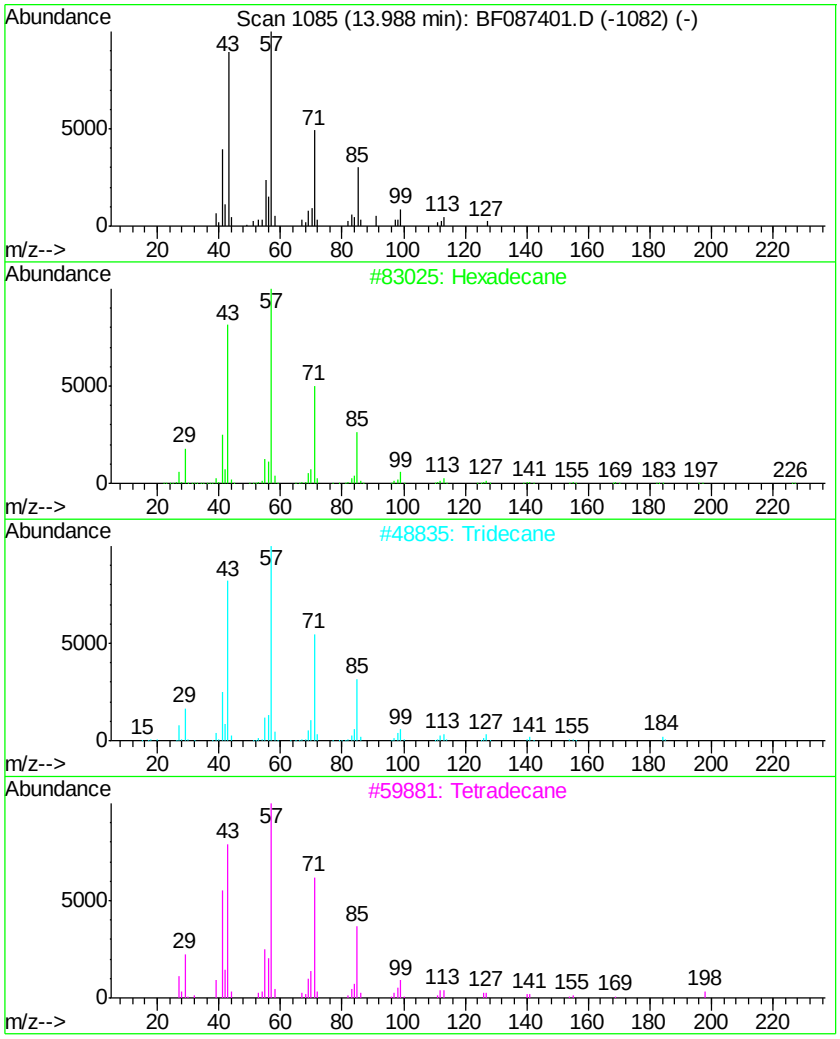
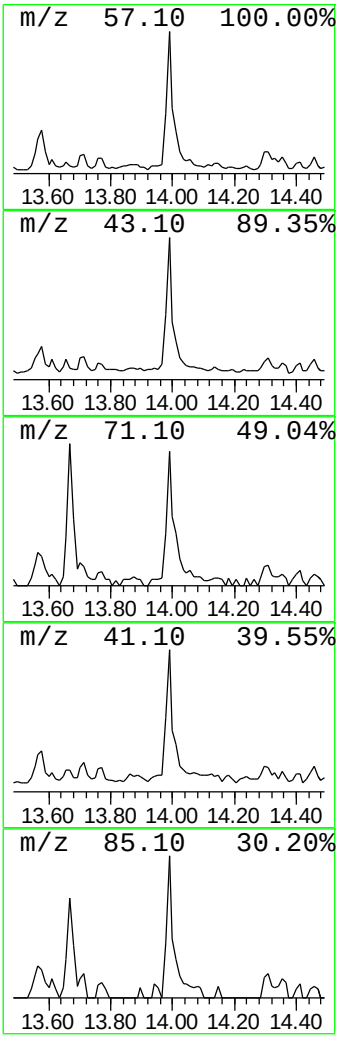
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	3.30 ng	107486	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
5	Nonadecane	268	C19H40	000629-92-5	72





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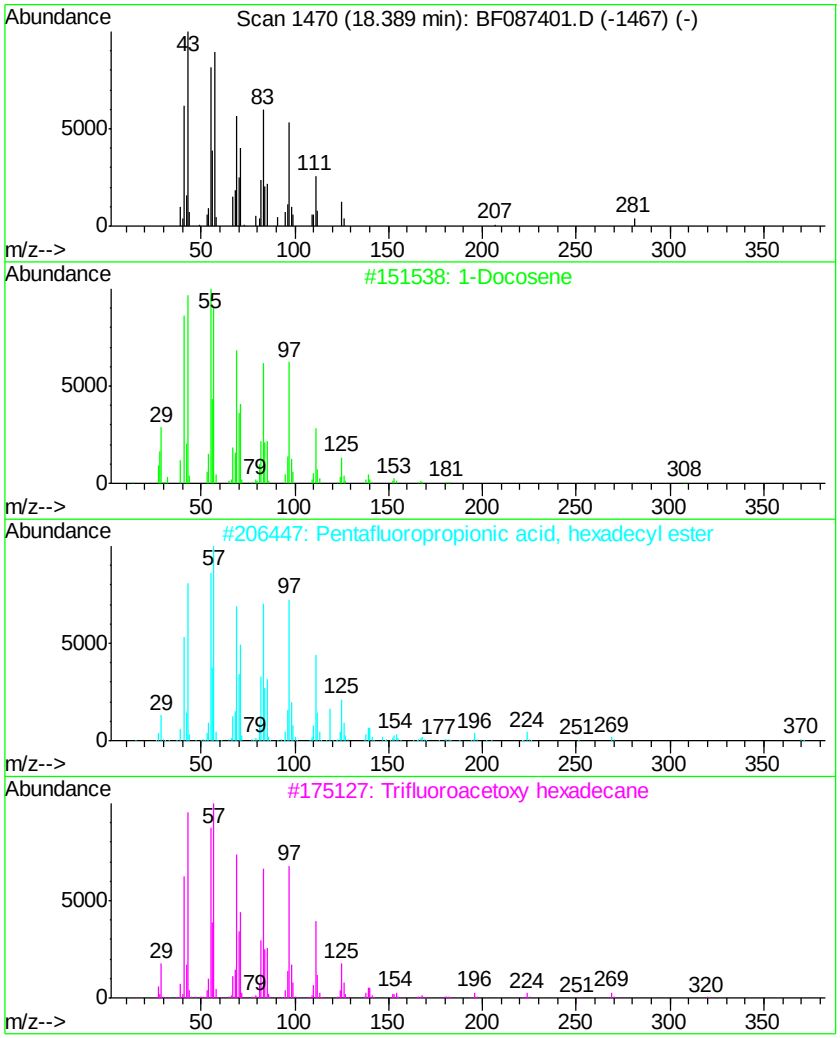
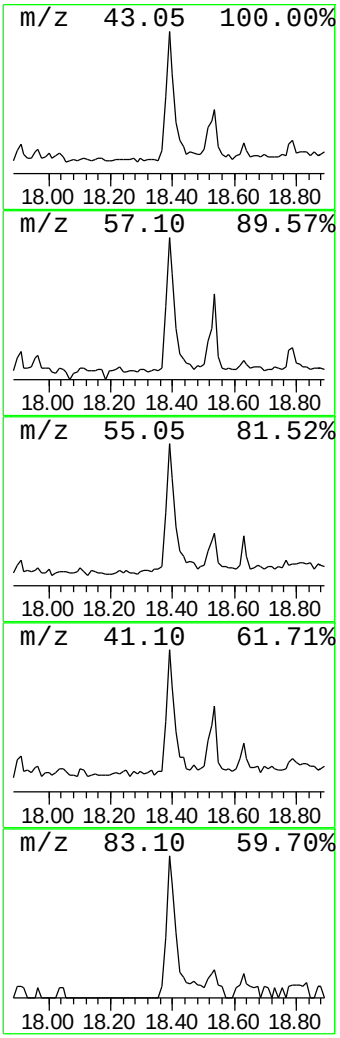
Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.25 ng	129736	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91





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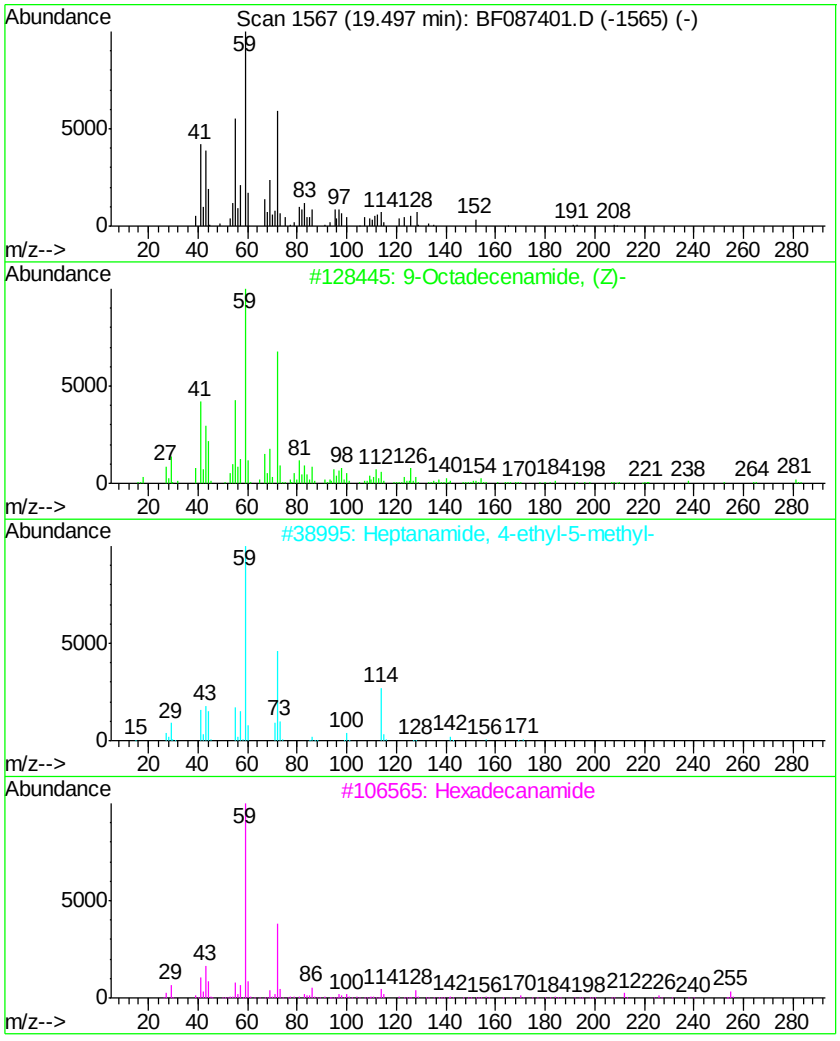
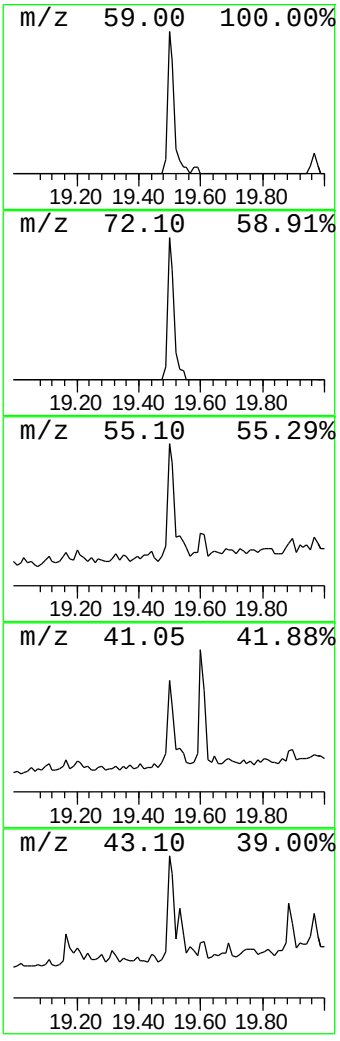
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	3.51 ng	79964	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
3	Hexadecanamide	255	C16H33NO	000629-54-9	50
4	2-Pentanol, 3-chloro-2-methyl-	136	C6H13ClO	074685-49-7	47
5	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	38





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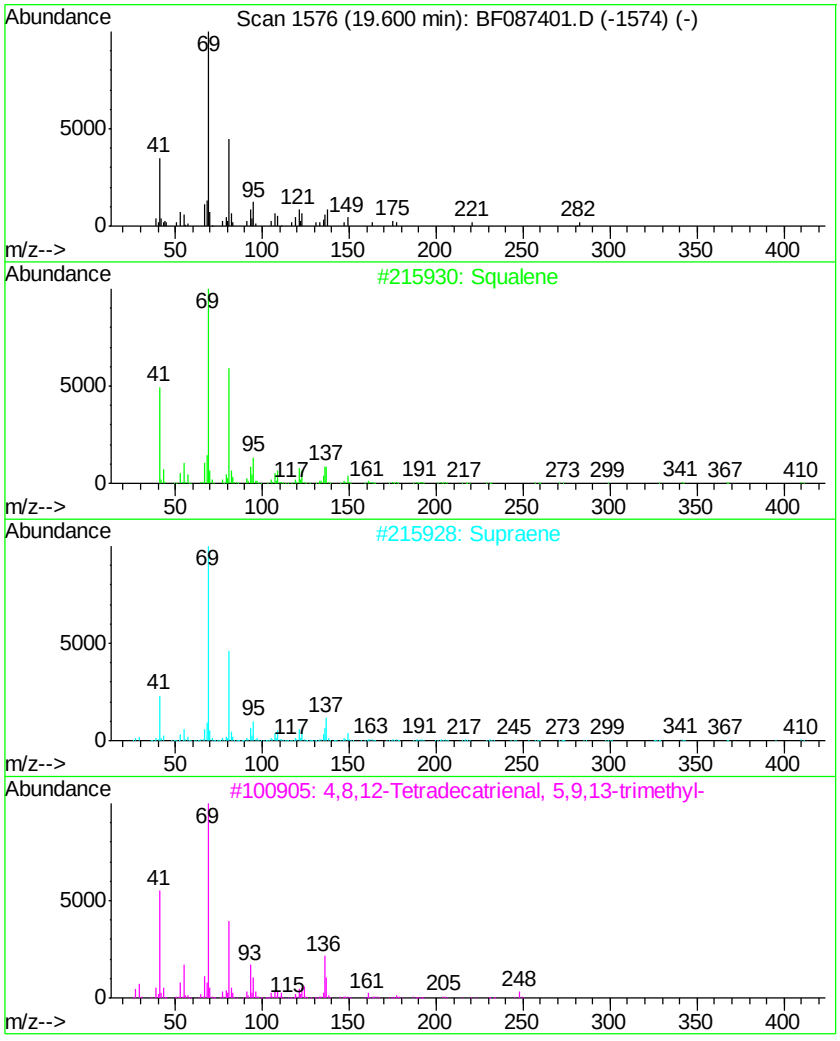
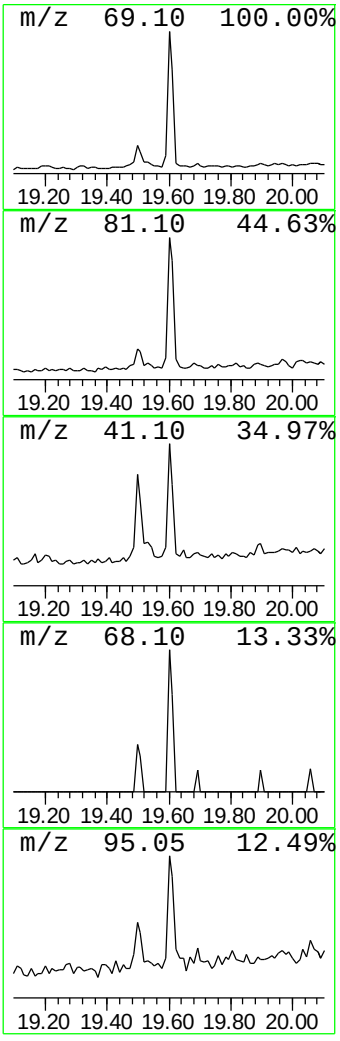
Peak Number 8 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	3.06 ng	69574	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	90
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	trans-Farnesol	222	C15H26O	000106-28-5	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.79	14.2	ng	502478	1	7.52	707633	20.0
unknown7.19	7.19	120.0	ng	4244090	1	7.52	707633	20.0
Hexadecane	13.99	3.3	ng	107486	4	14.78	651993	20.0
1-Docosene	18.39	4.3	ng	129736	5	18.47	609987	20.0
9-Octadecenamide,...	19.50	3.5	ng	79964	6	20.14	455333	20.0
Squalene	19.60	3.1	ng	69574	6	20.14	455333	20.0