LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085216.D
Acq On : 4 Mar 2016 21:34
Operator : SJ/IZ
Sample : H1684-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-48-S2-GRID-3

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-BF030316.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	5.178	250	253	259	rBV	711230	1146209	22.33%	2.599%
2	5.578	285	288	291	rBV	3234306	4429244	86.30%	10.044%
3	6.596	373	377	380	rBV	3465951	4034639	78.61%	9.149%
4	6.744	386	390	392	rBV	3656988	4842042	94.34%	10.980%
5	6.973	407	410	412	rVB	851348	902669	17.59%	2.047%
6	7.133	421	424	426	rVB	2963500	3761957	73.30%	8.531%
7	7.533	456	459	461	rBV	2866966	2999435	58.44%	6.802%
8	7.601	461	465	468	rVB	47581	57906	1.13%	0.131%
9	8.253	519	522	524	rBV	1454833	1242800	24.21%	2.818%
10	9.327	613	616	619	rBV	3627235	5132358	100.00%	11.638%
11	9.716	648	650	652	rBV	451322	554145	10.80%	1.257%
12	9.933	668	669	671	rVB	72381	83639	1.63%	0.190%
13	10.013	673	676	678	rVB	1383306	1359010	26.48%	3.082%
14	10.436	712	713	715	rVB	166733	130735	2.55%	0.296%
15	10.653	729	732	736	rBV	45695	89220	1.74%	0.202%
16	10.802	742	745	747	rBV	3133155	3330744	64.90%	7.553%
17	10.905	752	754	759	rVB	101978	177022	3.45%	0.401%
18	11.362	792	794	795	rBV	64016	73124	1.42%	0.166%
19	11.499	803	806	808	rBV	1249153	1406049	27.40%	3.188%
20	12.013	849	851	858	rBV	275295	282151	5.50%	0.640%
21	12.802	917	920	926	rBV	64974	89276	1.74%	0.202%
22	13.088	942	945	947	rBV	3659055	4932414	96.10%	11.185%
23	13.968	1020	1022	1031	rBV	816118	916311	17.85%	2.078%
24	14.128	1034	1036	1039	rVB	1197287	1095959	21.35%	2.485%
25	14.596	1075	1077	1081	rBV	41175	73033	1.42%	0.166%
26	14.882	1100	1102	1105	rBV2	61972	73071	1.42%	0.166%
27	15.602	1162	1165	1170	rBV	565906	765443	14.91%	1.736%
28	16.117	1207	1210	1214	rBV	61418	118622	2.31%	0.269%

Sum of corrected areas: 44099227

LSC Report - Integrated Chromatogram

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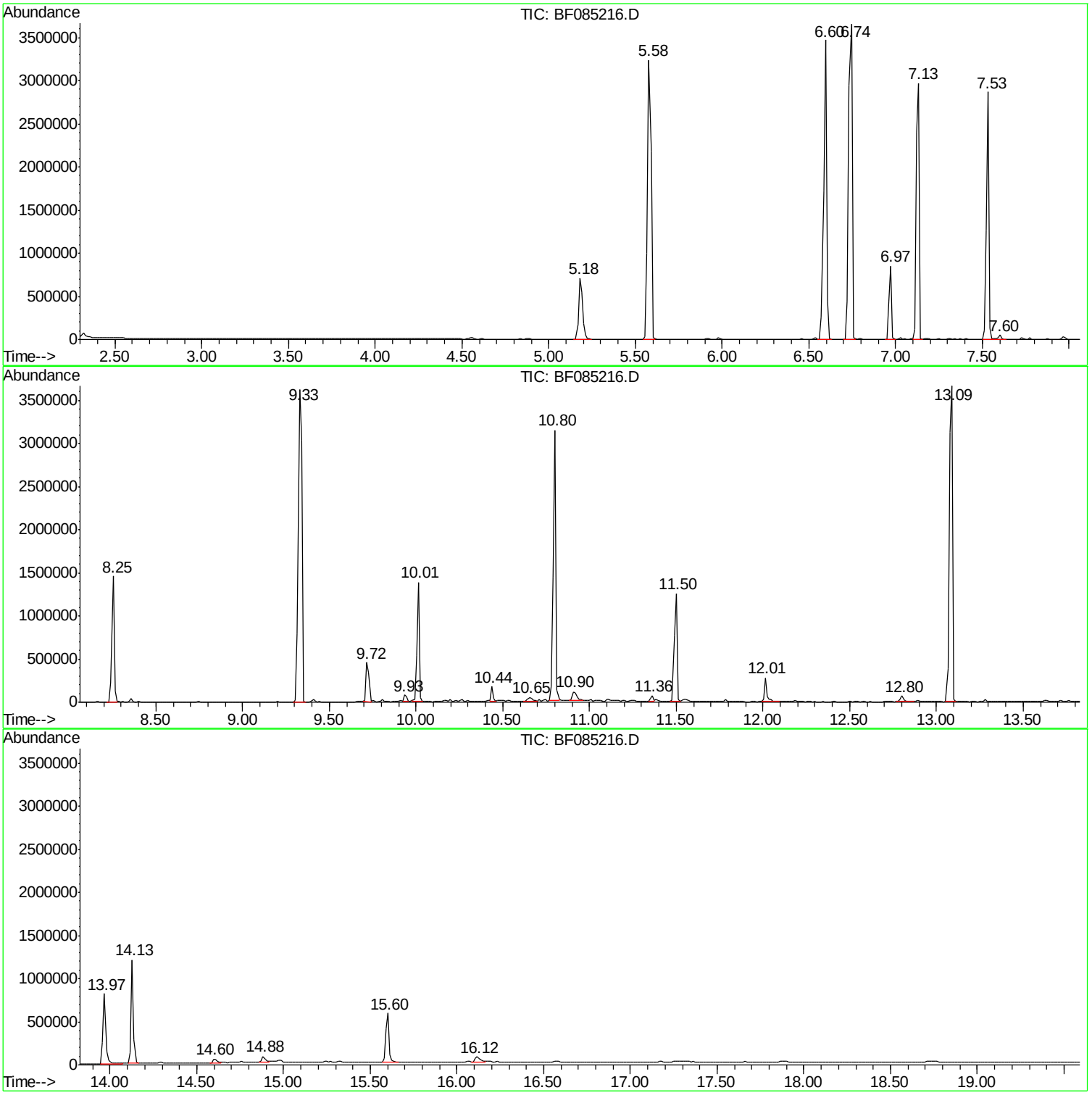
Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId : RW-48-S2-GRID-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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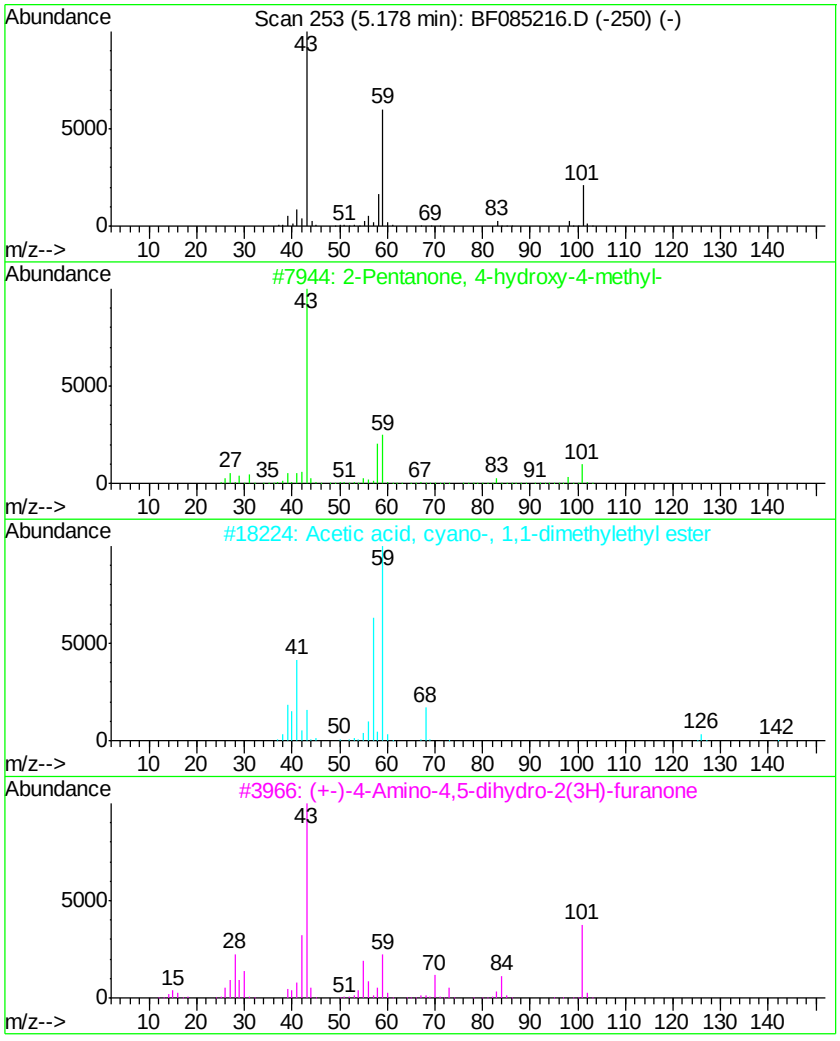
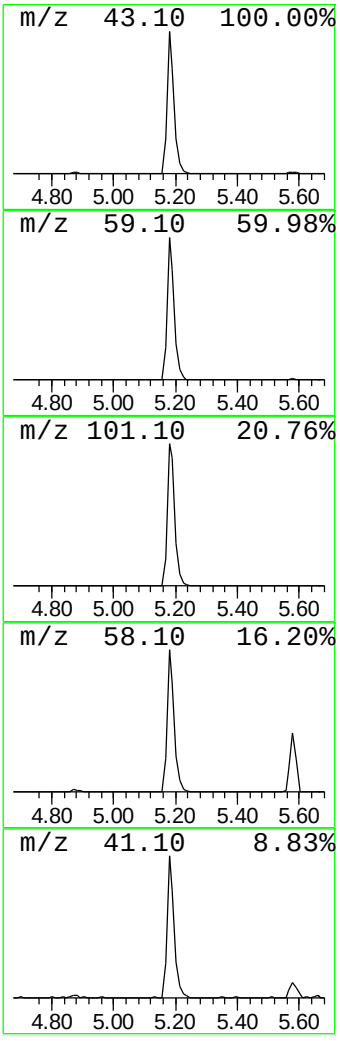
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	25.40 ng	1146210	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : RW-48-S2-GRID-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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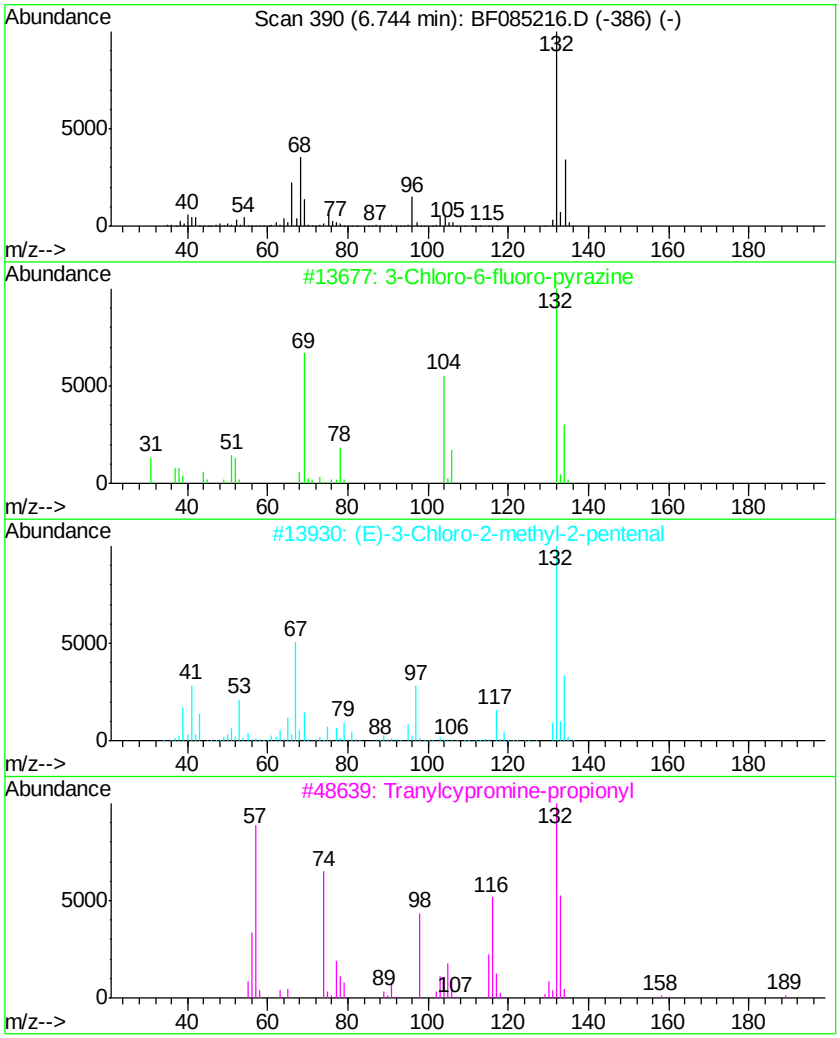
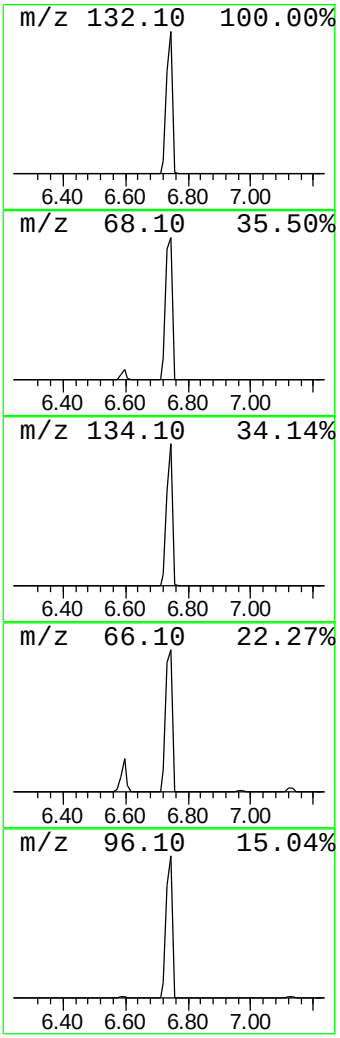
Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	107.28 ng	4842040	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





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Operator : SJ/IZ
Sample : H1684-06
Misc :
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Instrument : BNA_F
ClientSampleId : RW-48-S2-GRID-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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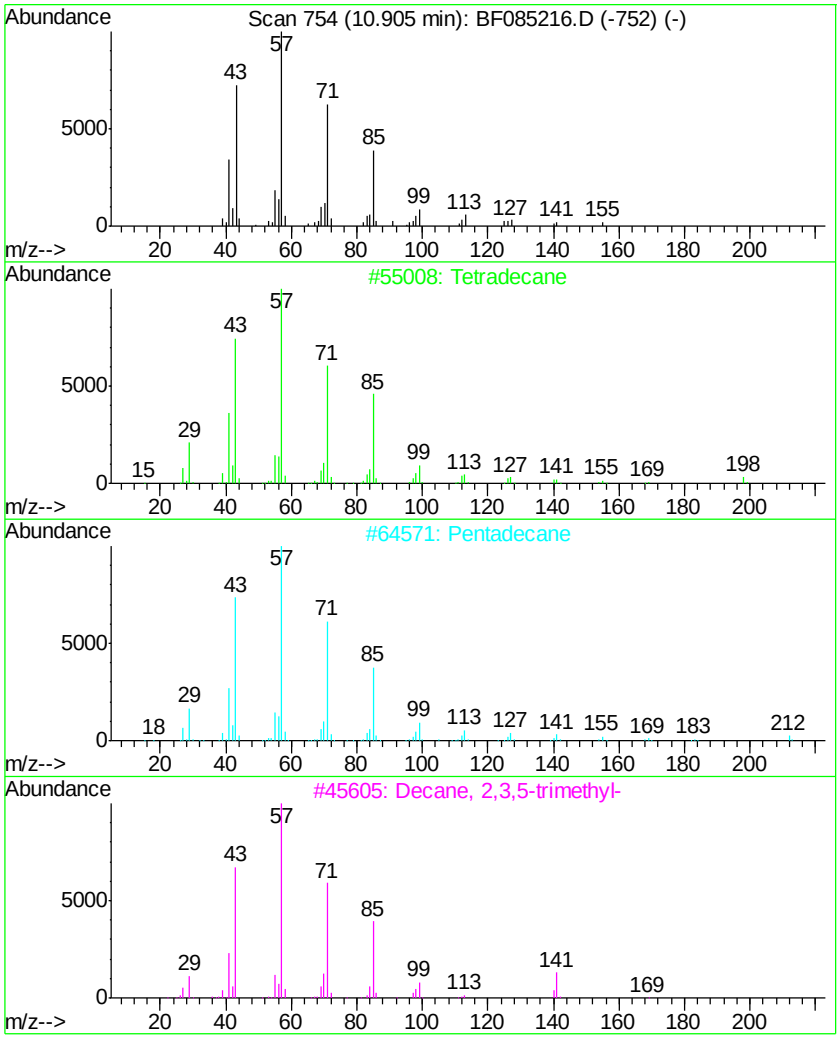
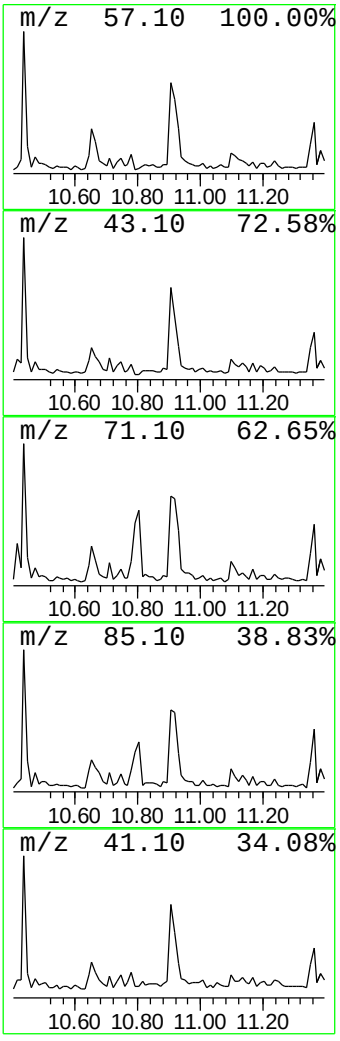
Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.52 ng	177022	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	87





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ClientSampleId : RW-48-S2-GRID-3

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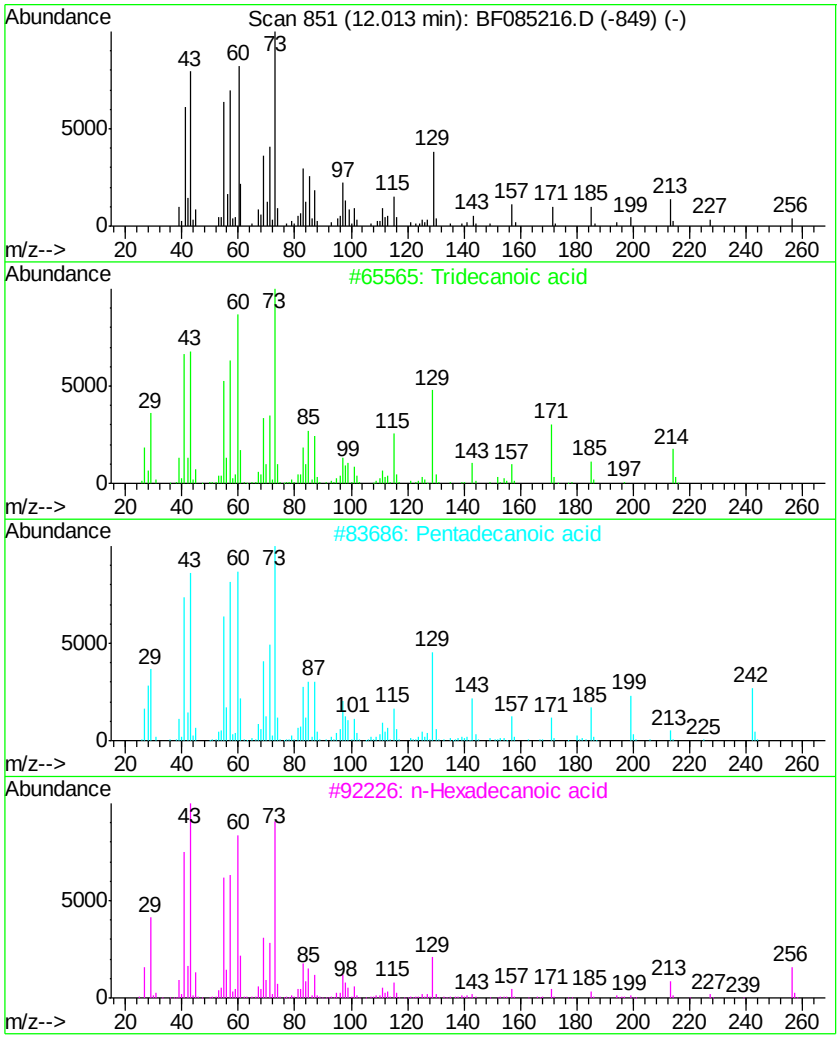
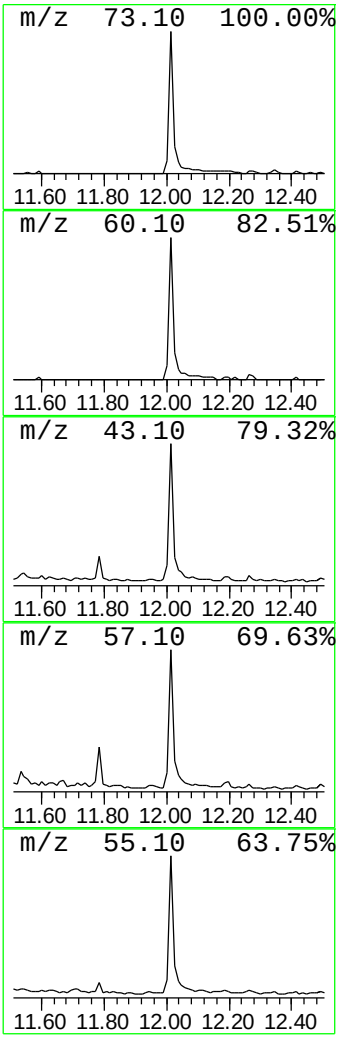
Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.01 ng	282151	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	92
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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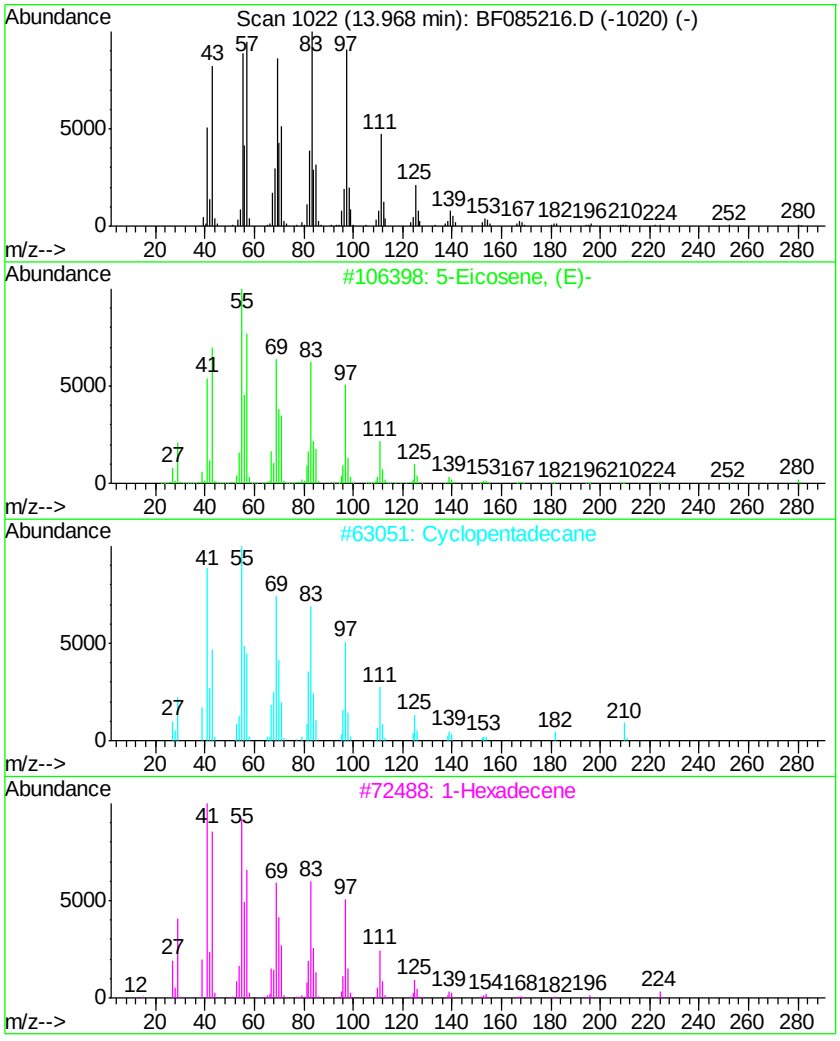
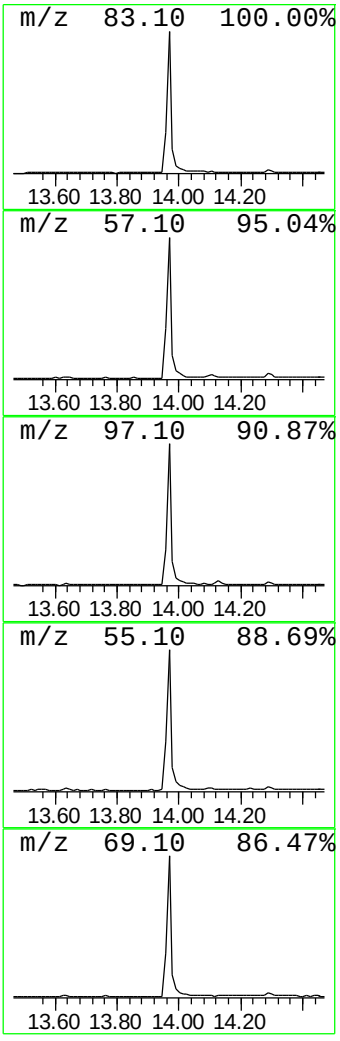
Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	16.72 ng	916311	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Hexadecene	224	C16H32	000629-73-2	93
4	1-Nonadecanol	284	C19H40O	001454-84-8	93
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93





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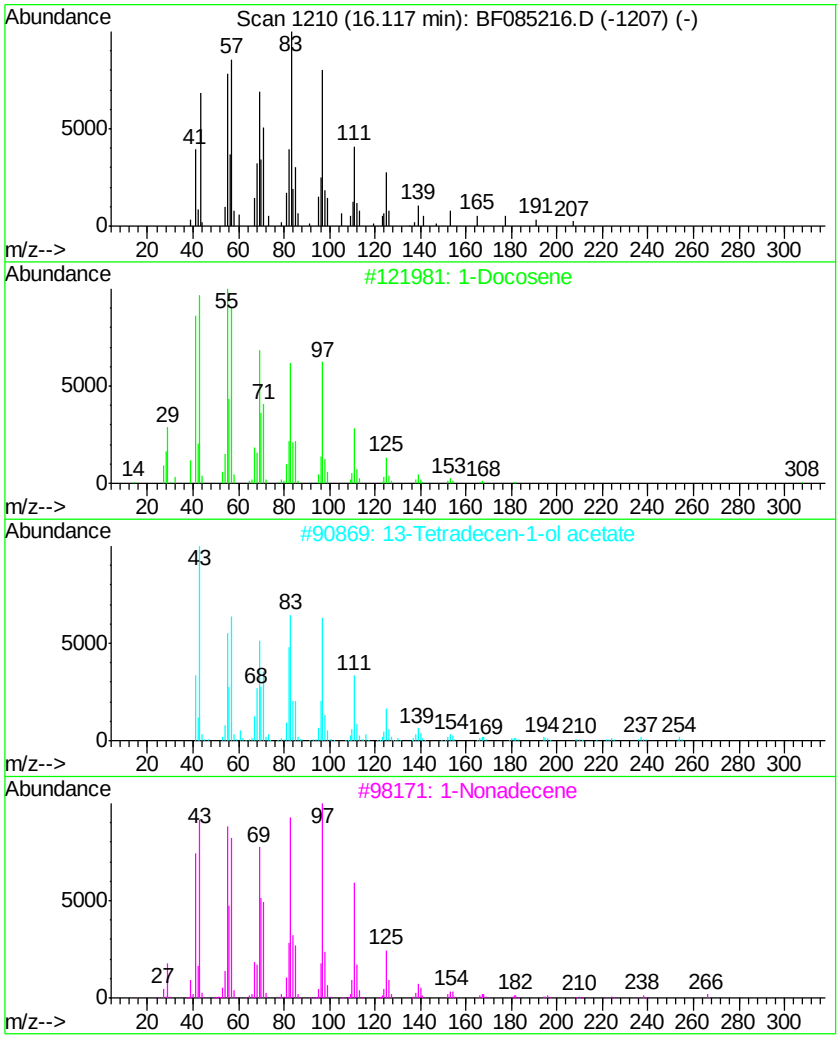
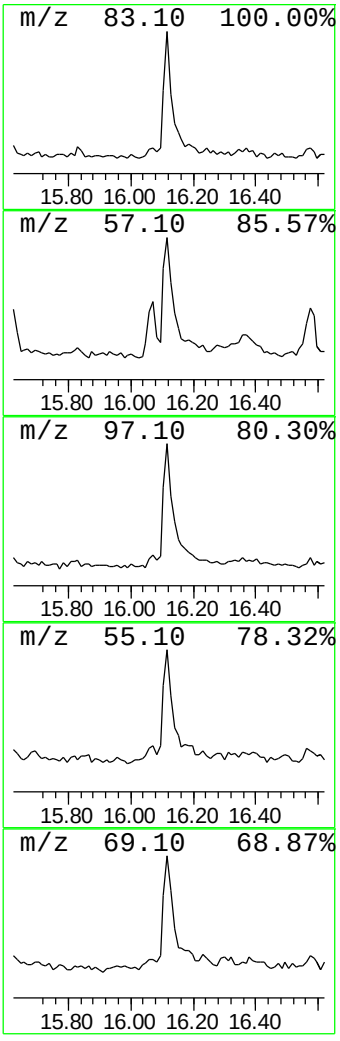
Peak Number 7 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.10 ng	118622	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	86
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	74
3	1-Nonadecene	266	C19H38	018435-45-5	52
4	17-Pentatriacontene	491	C35H70	006971-40-0	46
5	1-Heptadecanol	256	C17H36O	001454-85-9	46





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	25.4	ng	1146210	1	6.97	902669	20.0
unknown6.74	6.74	107.3	ng	4842040	1	6.97	902669	20.0
Tetradecane	10.90	2.5	ng	177022	4	11.50	1406050	20.0
Tridecanoic acid	12.01	4.0	ng	282151	4	11.50	1406050	20.0
5-Eicosene, (E)-	13.97	16.7	ng	916311	5	14.13	1095960	20.0
1-Docosene	16.12	3.1	ng	118622	6	15.60	765443	20.0