LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086901.D
Acq On : 11 May 2016 21:35
Operator : UM/SJ
Sample : H2894-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP21-5-7FT

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-BF050916.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	1.632	3	4	13	rVB	1143795	1842668	19.26%	3.457%
2	1.747	13	14	43	rVB	4762343	9568490	100.00%	17.951%
3	4.776	277	279	286	rBV	337213	620122	6.48%	1.163%
4	5.221	316	318	321	rBV	3211049	3947027	41.25%	7.405%
5	6.296	409	412	414	rBV	4193551	4778669	49.94%	8.965%
6	6.399	419	421	424	rBV	3459523	4174135	43.62%	7.831%
7	6.627	439	441	448	rVB	1058001	1041228	10.88%	1.953%
8	6.787	452	455	457	rBV	3484563	3457276	36.13%	6.486%
9	7.199	489	491	494	rBV	2259717	2923350	30.55%	5.484%
10	7.919	551	554	556	rBV	1378346	1338798	13.99%	2.512%
11	8.993	645	648	651	rBV	3324066	4657194	48.67%	8.737%
12	9.393	682	683	686	rBV	344185	389354	4.07%	0.730%
13	9.668	704	707	709	rBV	1584314	1532539	16.02%	2.875%
14	10.113	743	746	747	rBV	151519	150565	1.57%	0.282%
15	10.330	761	765	768	rBV	57924	96434	1.01%	0.181%
16	10.456	773	776	778	rBV	3218748	3239497	33.86%	6.077%
17	10.582	785	787	794	rVB	223722	270068	2.82%	0.507%
18	11.028	824	826	827	rBV	122639	104422	1.09%	0.196%
19	11.142	834	836	839	rBV	1700009	1474099	15.41%	2.765%
20	11.691	882	884	894	rBV	205384	339384	3.55%	0.637%
21	12.731	972	975	977	rBV	4439108	4444884	46.45%	8.339%
22	13.645	1052	1055	1063	rBV	122424	391750	4.09%	0.735%
23	13.771	1063	1066	1068	rBV	1244514	1320103	13.80%	2.477%
24	14.525	1130	1132	1137	rBV2	116291	213331	2.23%	0.400%
25	15.131	1182	1185	1187	rBV	826007	988645	10.33%	1.855%

Sum of corrected areas: 53304032

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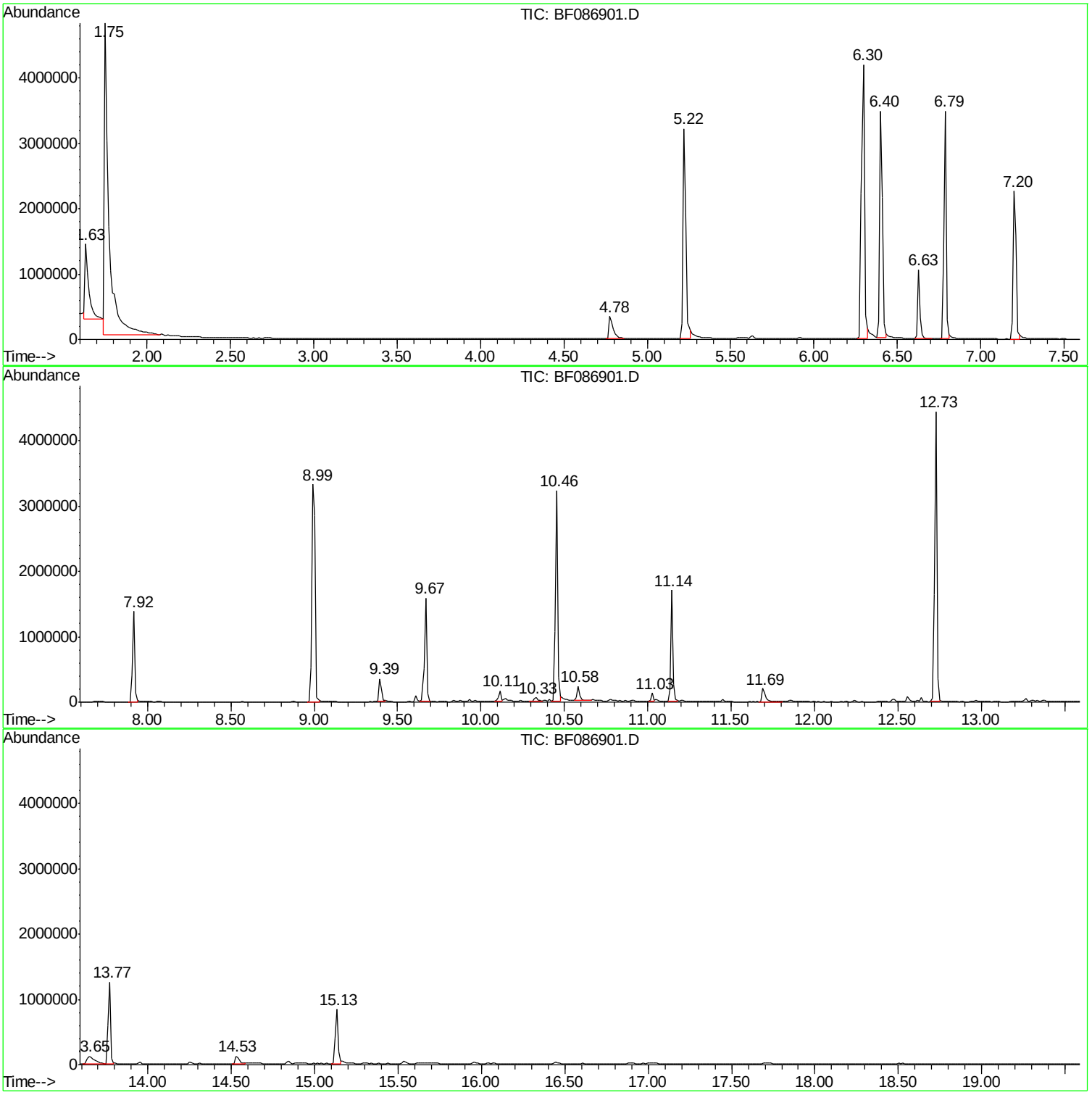
ClientSampleId :
TP21-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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TIC Library : C:\DATABASE\NIST02.L
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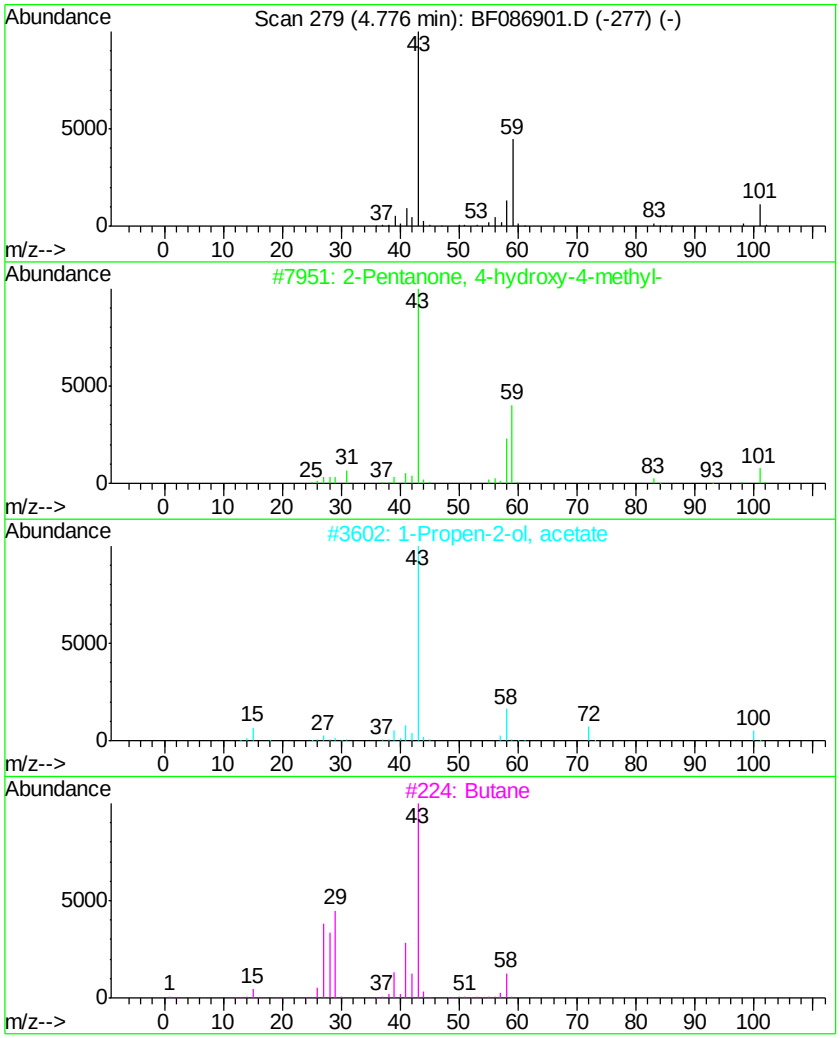
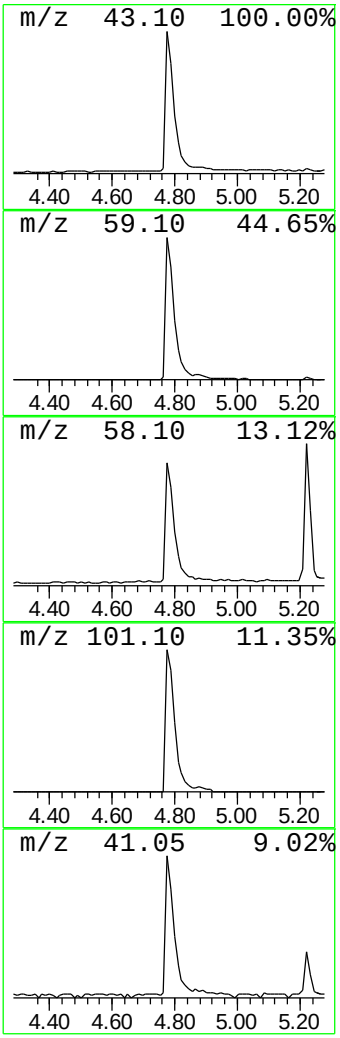
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	11.91 ng	620122	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Butane	58	C4H10	000106-97-8	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





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Sample : H2894-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP21-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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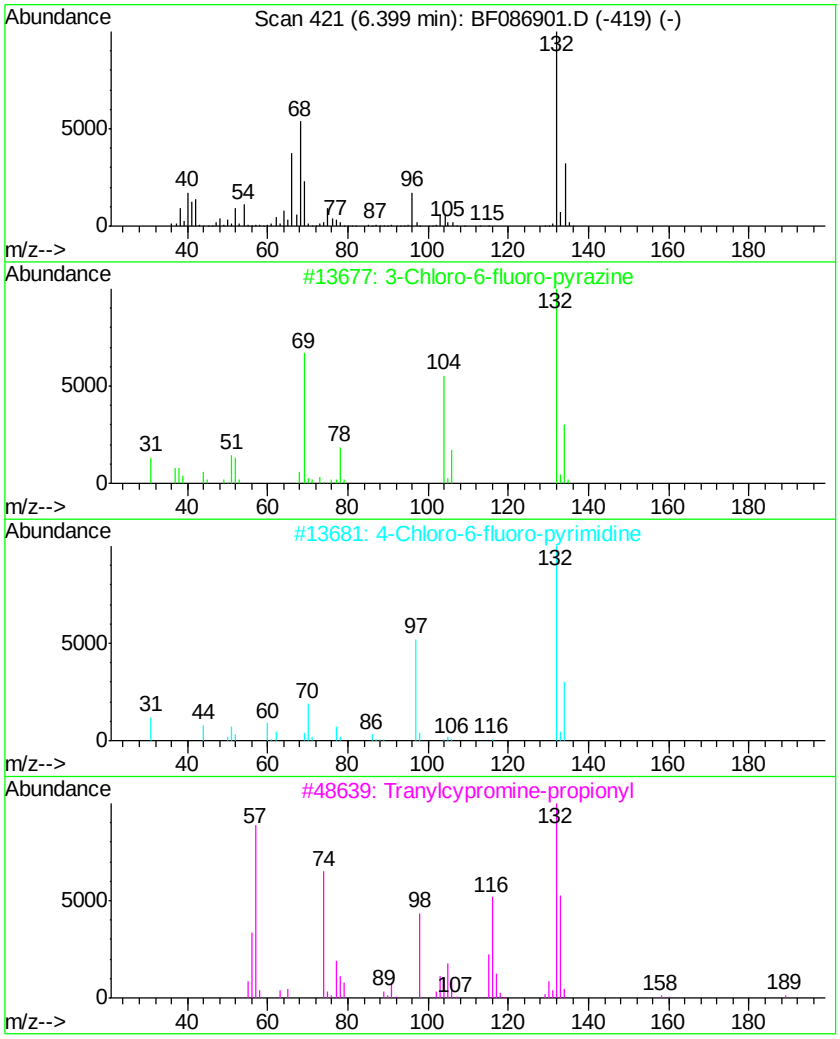
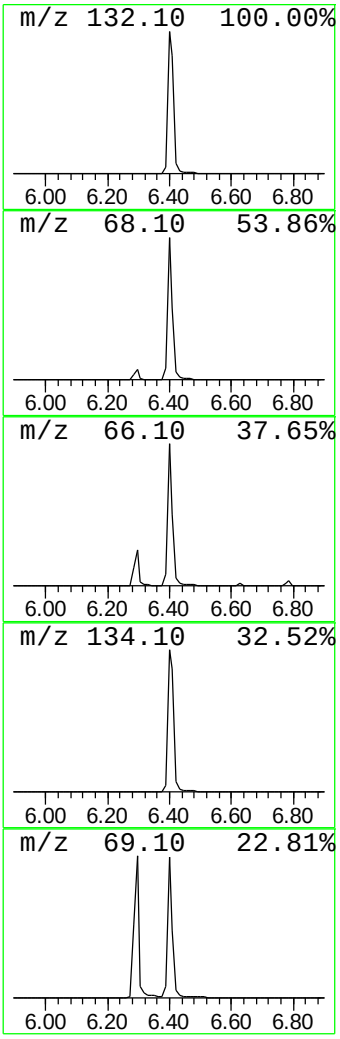
Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	80.18 ng	4174140	1,4-Dichlorobenzene-d4	6.63

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	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





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Operator : UM/SJ
Sample : H2894-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP21-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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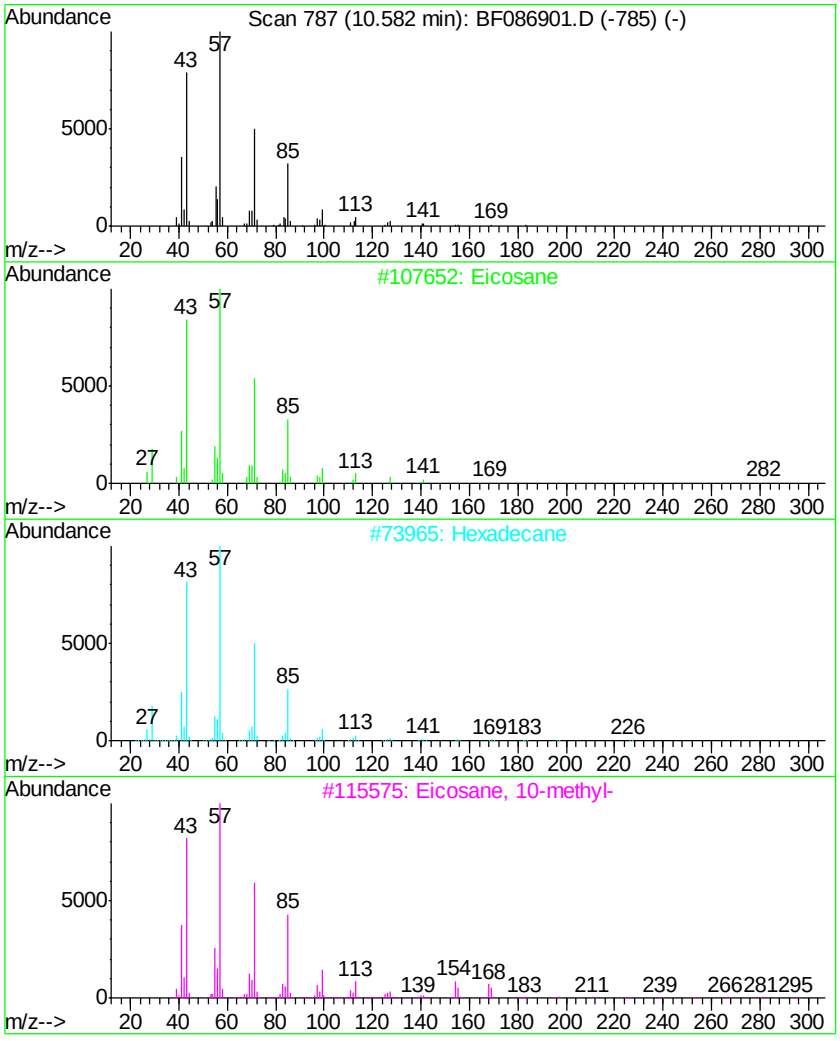
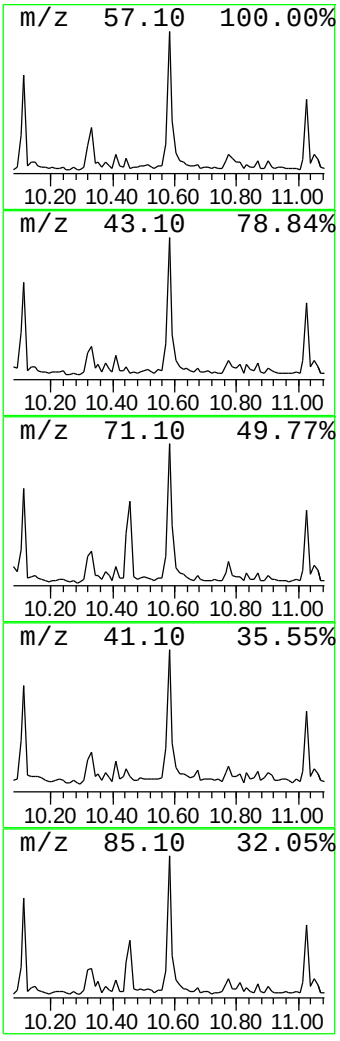
Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	3.66 ng	270068	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
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Misc :
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Instrument : BNA_F
ClientSampleId : TP21-5-7FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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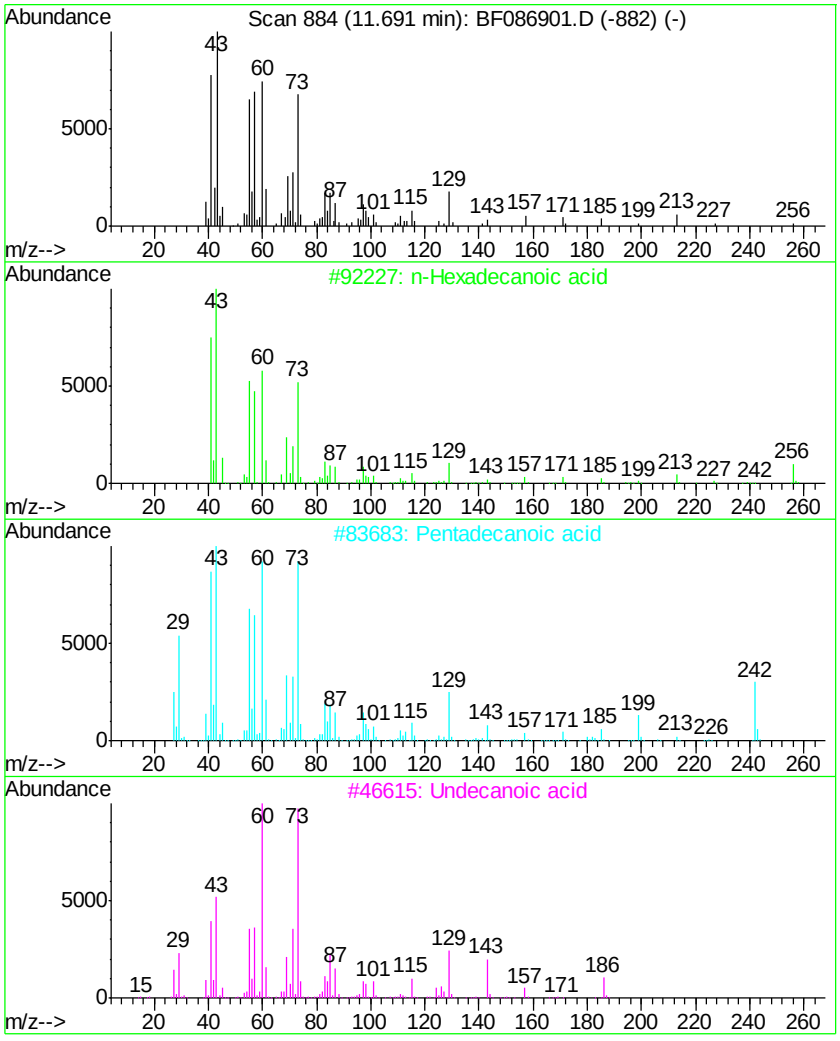
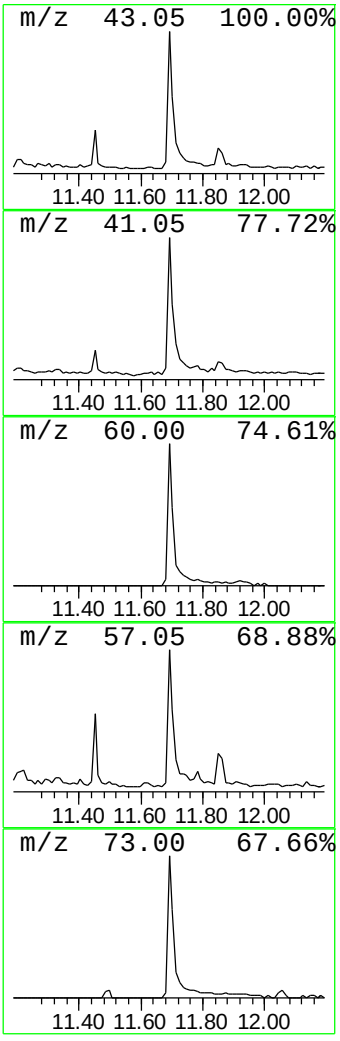
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.60 ng	339384	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Sample : H2894-02
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Instrument : BNA_F
ClientSampleId : TP21-5-7FT

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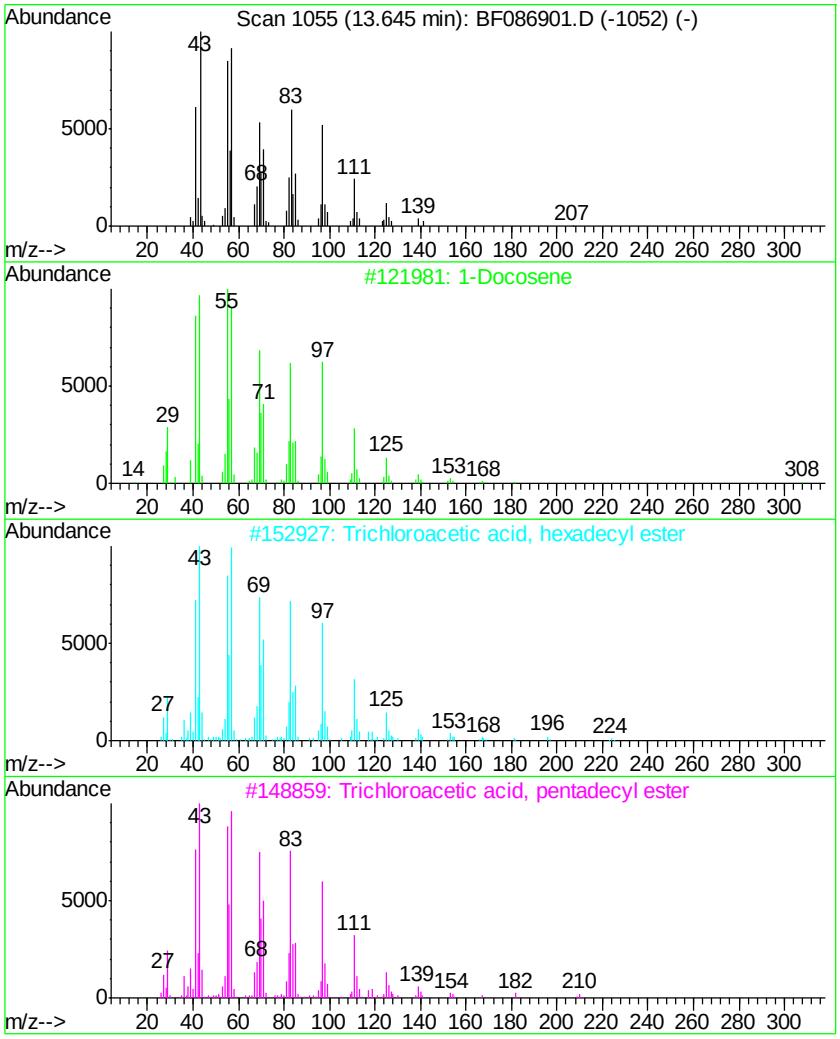
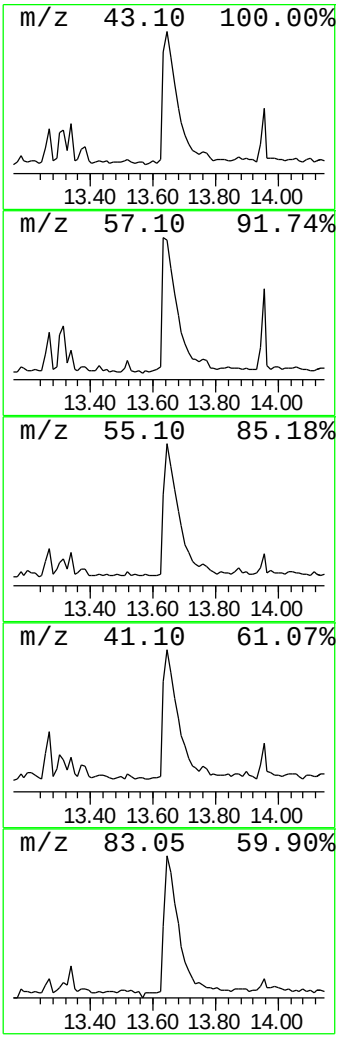
Peak Number 8 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	5.94 ng	391750	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83





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TIC Integration Parameters: LSCINT.P

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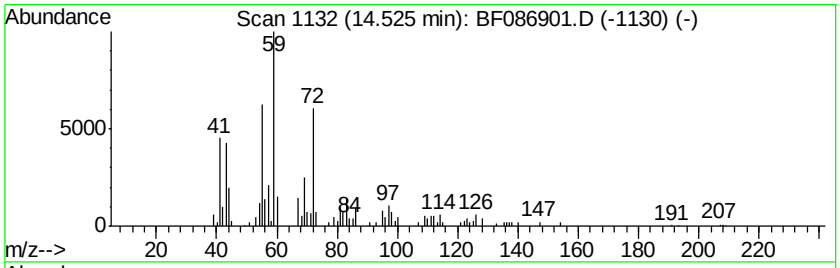
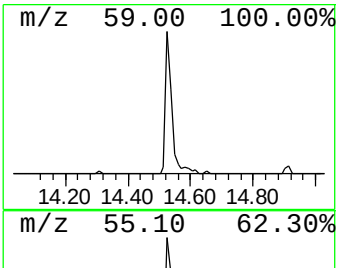
Peak Number 9 Benzeneethanamine, 2-fluoro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	4.32 ng	213331	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
2	7-Nonenamide	155	C9H17NO	090949-53-4	53
3	Dodecanamide	199	C12H25NO	001120-16-7	53
4	d-Glucosamine	179	C6H13NO5	000090-77-7	50
5	Tetradecanamide	227	C14H29NO	000638-58-4	45





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...	4.78	11.9	ng	620122	1	6.63	1041230	20.0
unknown6.40	6.40	80.2	ng	4174140	1	6.63	1041230	20.0
Eicosane	10.58	3.7	ng	270068	4	11.14	1474100	20.0
n-Hexadecanoic acid	11.69	4.6	ng	339384	4	11.14	1474100	20.0
1-Docosene	13.65	5.9	ng	391750	5	13.77	1320100	20.0
Benzeneethanamine...	14.53	4.3	ng	213331	6	15.13	988645	20.0