LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091118.D
Acq On : 9 Nov 2016 8:45
Operator : UM/SJ
Sample : H5547-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-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:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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	1.755	4	6	59	rVB	3253420	8447711	100.00%	20.936%
2	4.784	269	271	280	rBV	549651	680366	8.05%	1.686%
3	5.241	309	311	319	rBV	1051186	1440957	17.06%	3.571%
4	6.304	402	404	413	rBV	536327	977659	11.57%	2.423%
5	6.430	413	415	417	rBV	3300788	3207380	37.97%	7.949%
6	6.659	433	435	440	rBV	1151165	1102551	13.05%	2.732%
7	6.819	446	449	451	rBV	3115421	3220264	38.12%	7.981%
8	7.093	469	473	477	rBV	52708	88108	1.04%	0.218%
9	7.230	482	485	491	rBV	2318543	2437706	28.86%	6.041%
10	7.950	546	548	550	rBV	1325263	1351360	16.00%	3.349%
11	9.025	639	642	645	rBV	4808167	4654490	55.10%	11.535%
12	9.425	675	677	679	rBV	475195	439281	5.20%	1.089%
13	9.699	698	701	703	rBV	1622523	1674582	19.82%	4.150%
14	10.145	736	740	741	rBV2	98196	154343	1.83%	0.383%
15	10.316	753	755	757	rBV2	54864	92324	1.09%	0.229%
16	10.488	767	770	772	rBV	2626415	2682410	31.75%	6.648%
17	10.613	779	781	785	rVB	162419	196925	2.33%	0.488%
18	11.059	817	820	824	rBV2	108911	183839	2.18%	0.456%
19	11.173	828	830	833	rBV	1557627	1331129	15.76%	3.299%
20	12.591	952	954	957	rBV	93631	90476	1.07%	0.224%
21	12.762	966	969	971	rBV	3794637	3633262	43.01%	9.004%
22	13.334	1014	1019	1021	rBV3	117801	230817	2.73%	0.572%
23	13.665	1046	1048	1053	rBV	122188	153698	1.82%	0.381%
24	13.802	1058	1060	1065	rBV	1101905	1020131	12.08%	2.528%
25	15.174	1178	1180	1183	rBV	611678	857963	10.16%	2.126%

Sum of corrected areas: 40349732

LSC Report - Integrated Chromatogram

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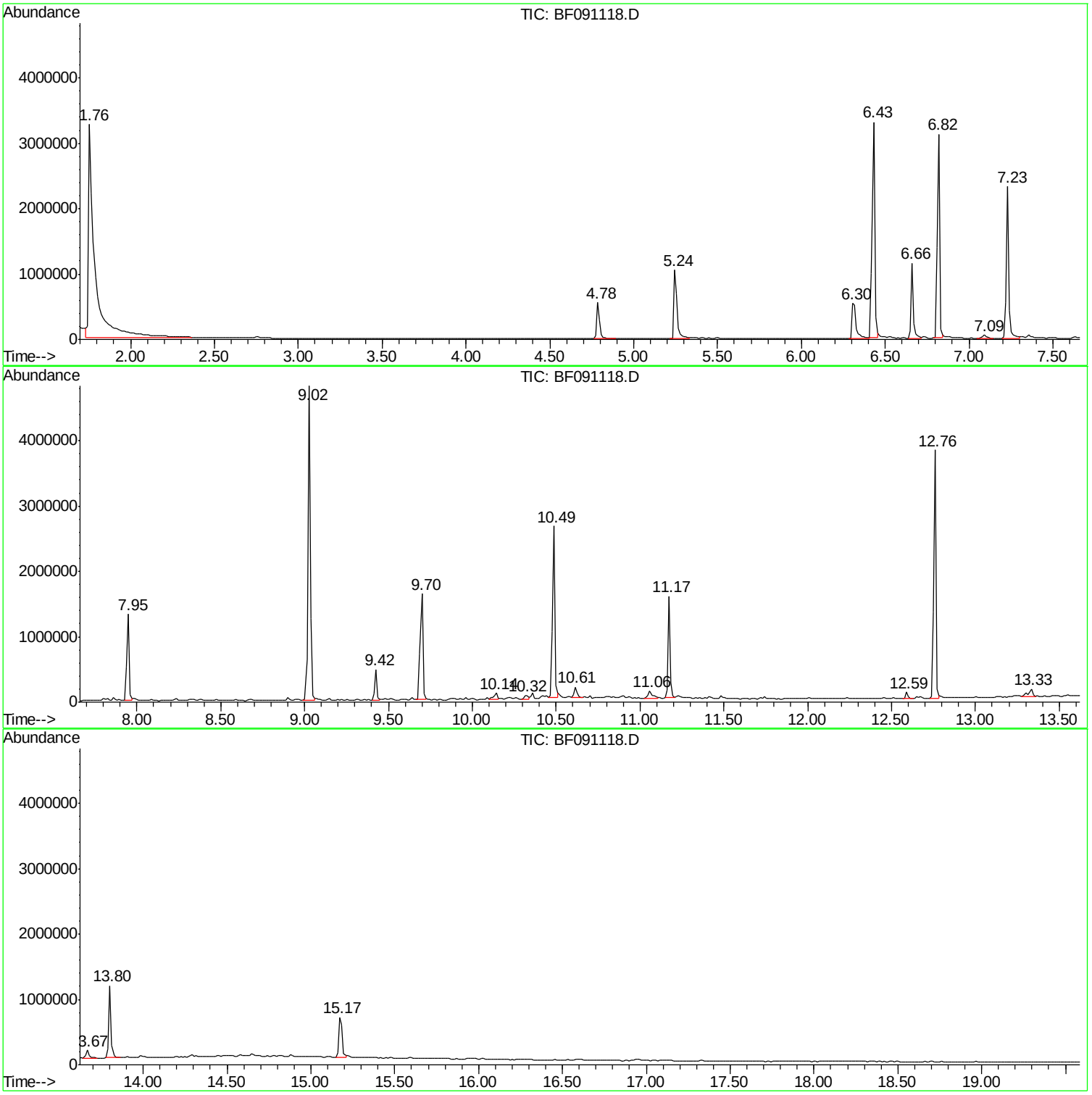
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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Data File : BF091118.D
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Operator : UM/SJ
Sample : H5547-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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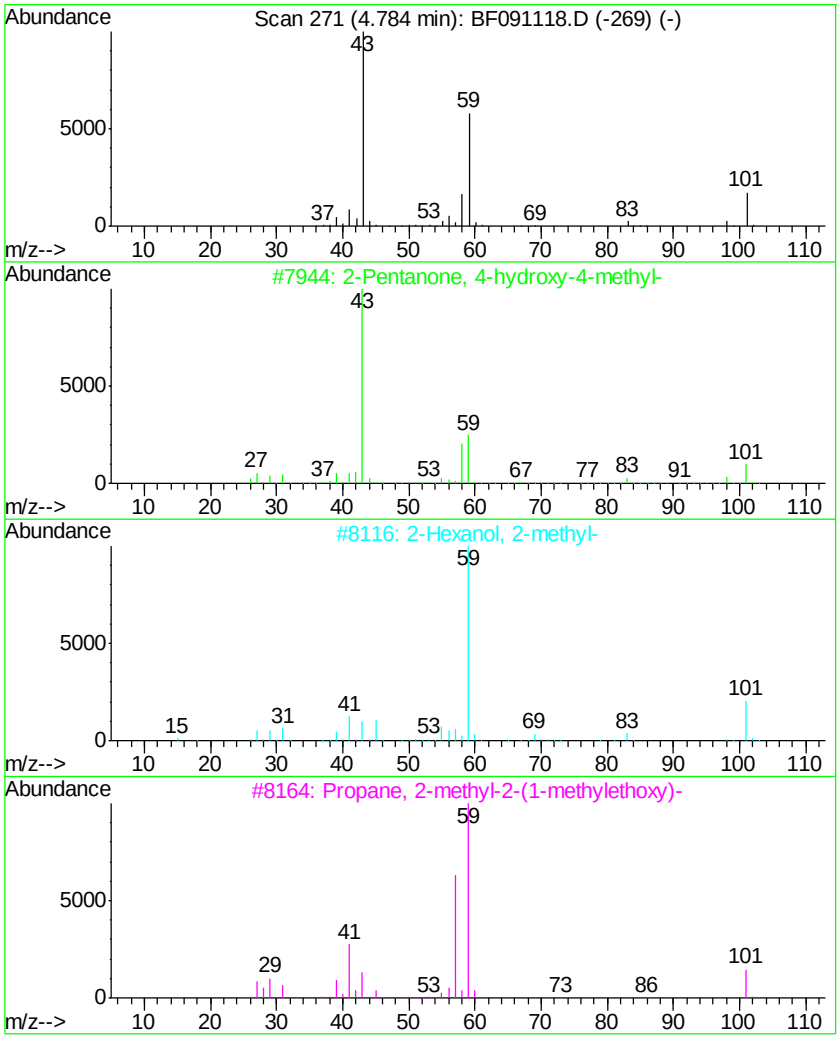
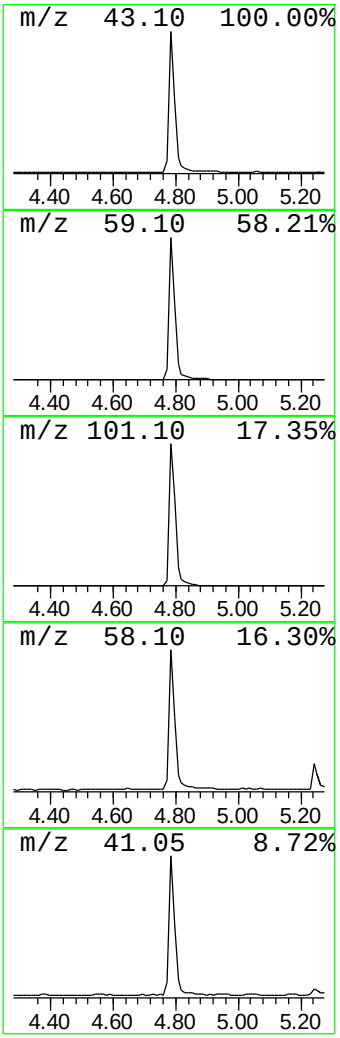
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	12.34 ng	680366	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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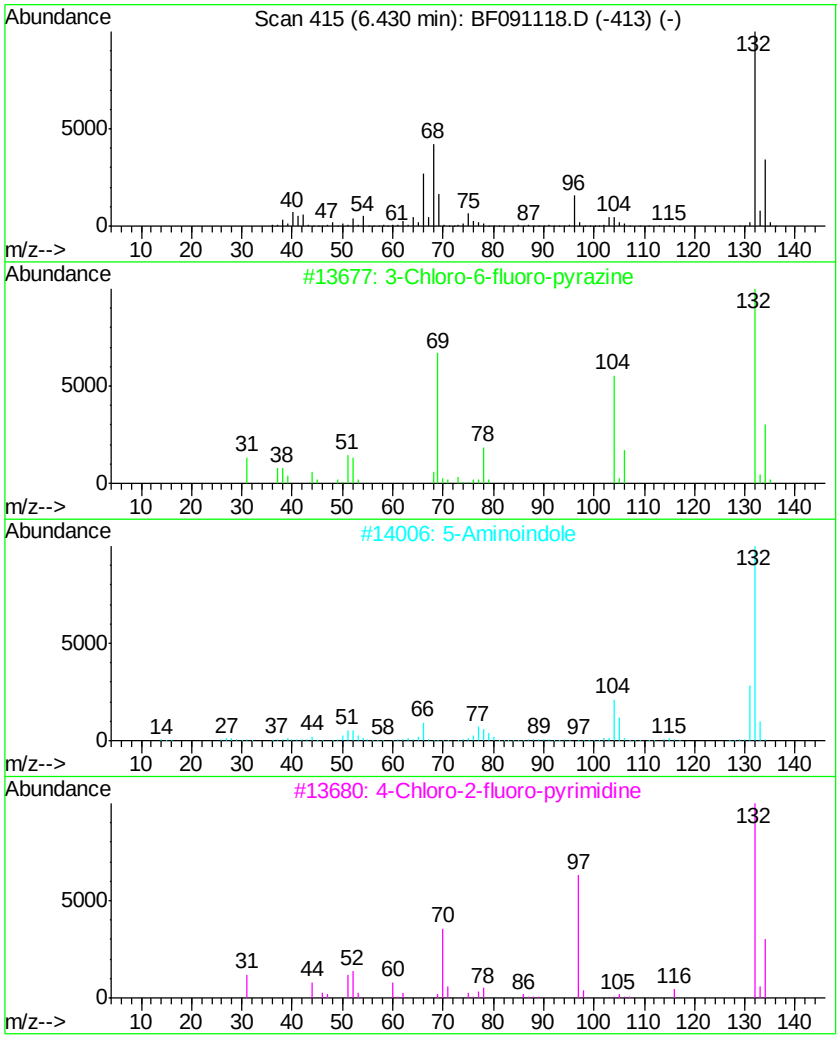
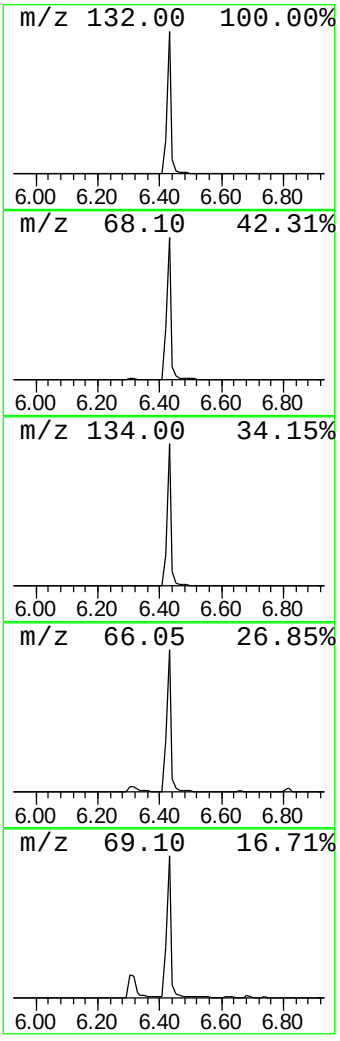
Peak Number 3 unknown6.43 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	58.18 ng	3207380	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Data File : BF091118.D
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Sample : H5547-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
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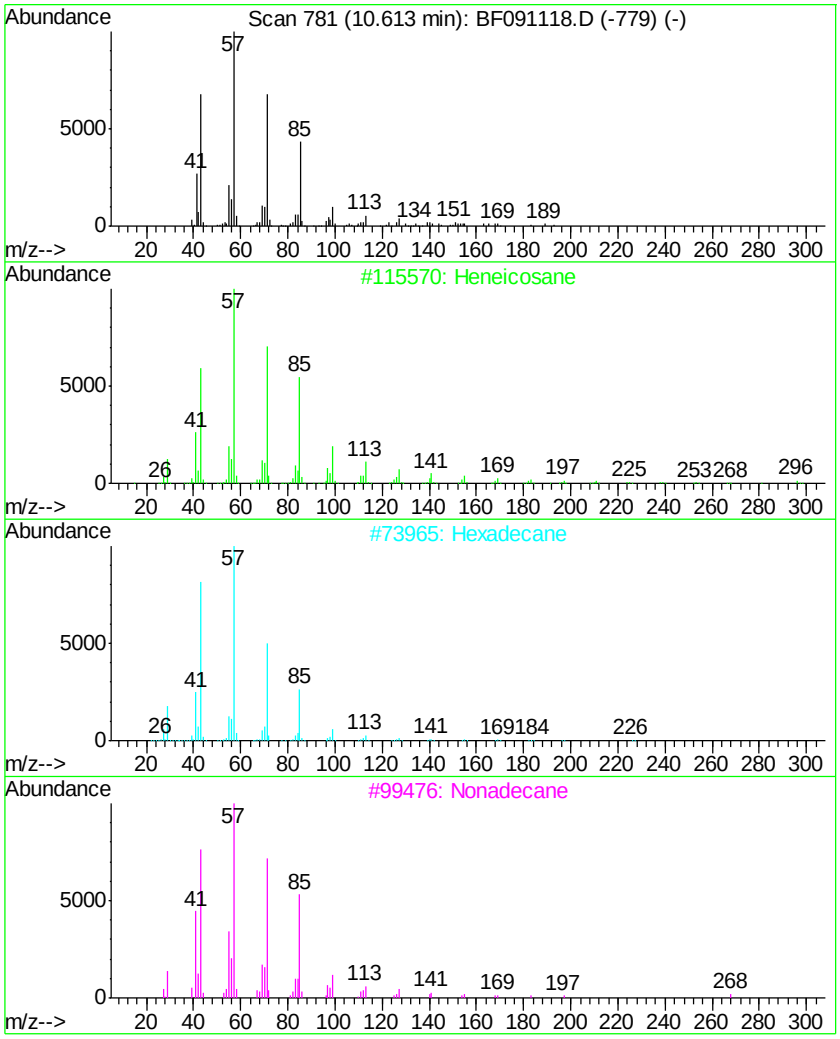
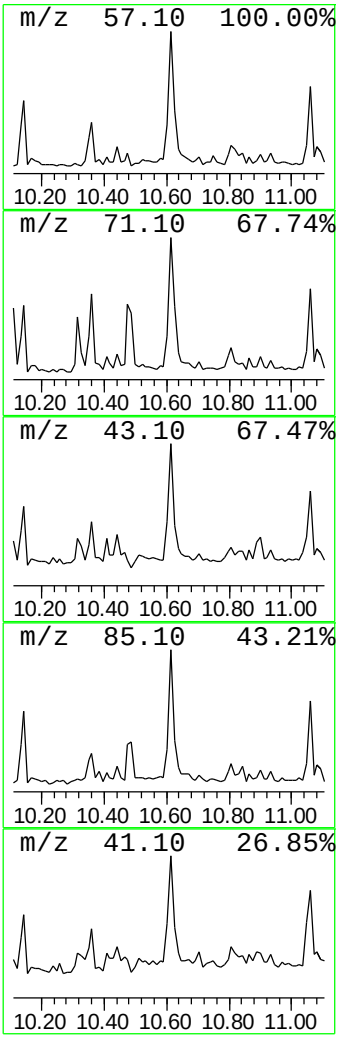
Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	2.96 ng	196925	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Eicosane	282	C20H42	000112-95-8	86





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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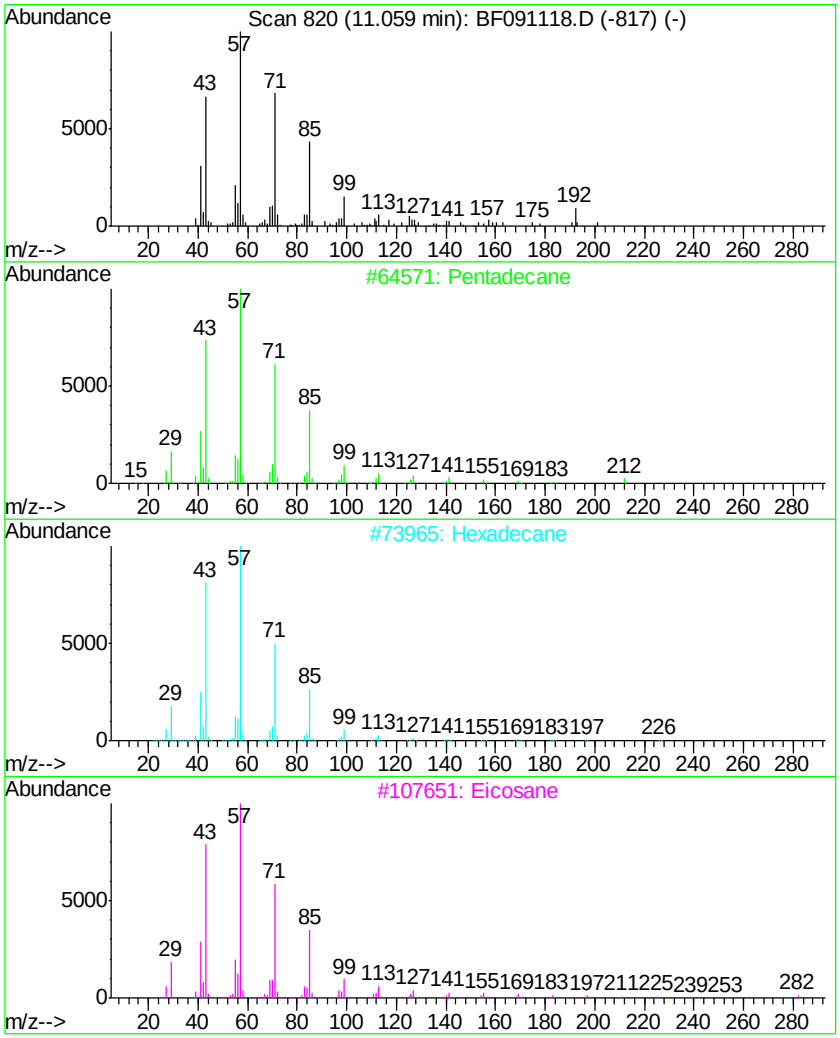
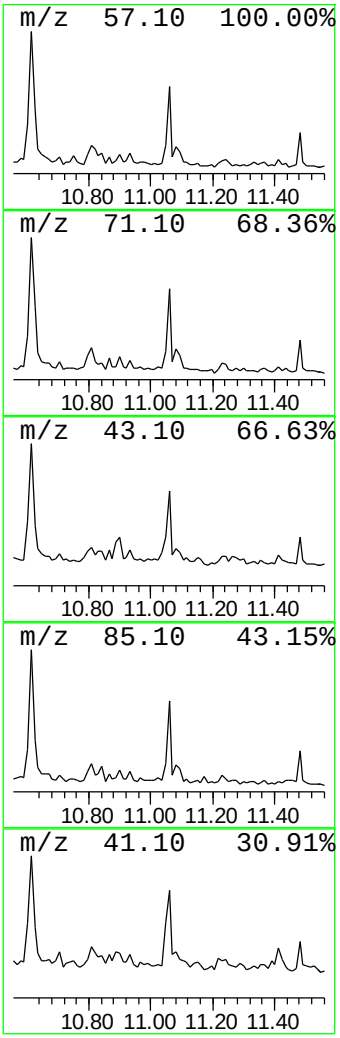
Peak Number 6 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.76 ng	183839	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Eicosane	282	C20H42	000112-95-8	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Operator : UM/SJ
Sample : H5547-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-QUALITYDRY-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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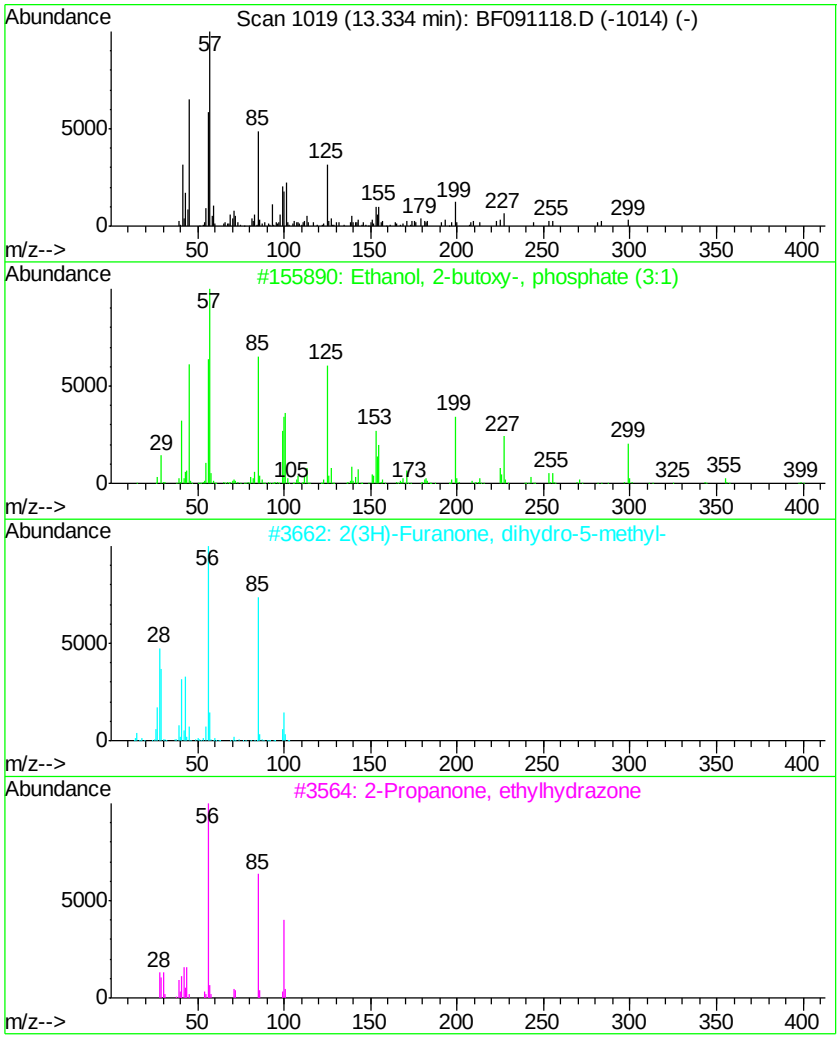
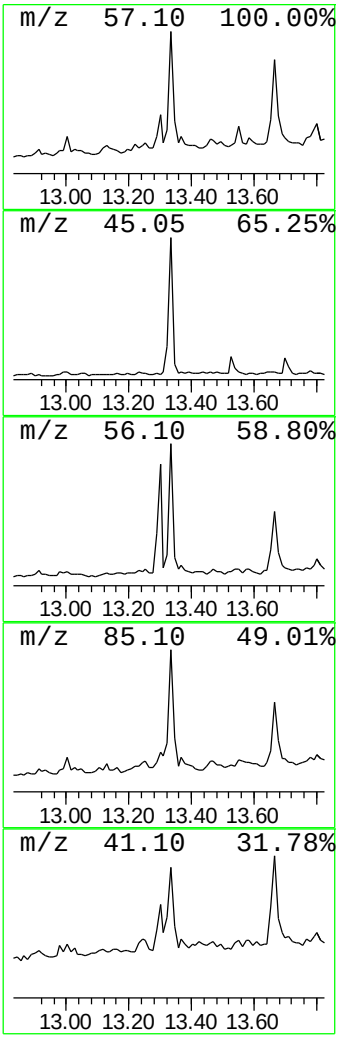
Peak Number 7 Ethanol, 2-butoxy-, phospha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	4.53 ng	230817	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	83
2	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	38
3	2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	27
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	22
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	22





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ClientSampleId : WATER-QUALITYDRY-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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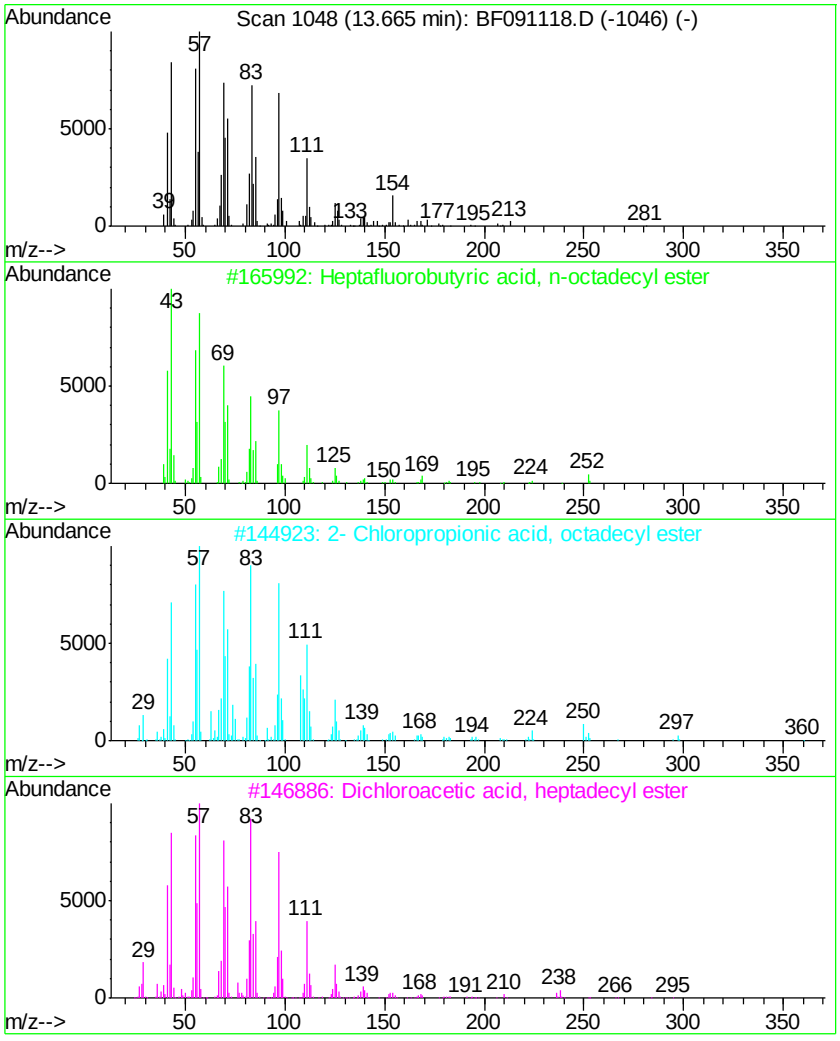
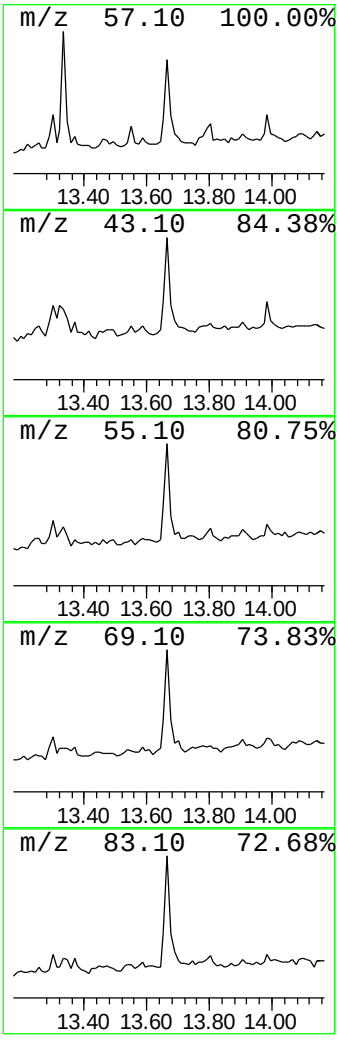
Peak Number 8 Heptafluorobutyric acid, n-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.01 ng	153698	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





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	12.3	ng	680366	1	6.66	1102550	20.0
unknown6.43	6.43	58.2	ng	3207380	1	6.66	1102550	20.0
Heneicosane	10.61	3.0	ng	196925	4	11.17	1331130	20.0
Pentadecane	11.06	2.8	ng	183839	4	11.17	1331130	20.0
Ethanol, 2-butoxy...	13.33	4.5	ng	230817	5	13.80	1020130	20.0
Heptafluorobutyri...	13.67	3.0	ng	153698	5	13.80	1020130	20.0