LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081987.D
Acq On : 2 Oct 2015 19:04
Operator : UM/IZ
Sample : G3885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

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-BF092815.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	5.063	254	256	266	rVB	507096	613952	2.83%	1.277%
2	5.474	290	292	295	rBV	1362598	1348014	6.22%	2.805%
3	6.503	380	382	385	rBV	695248	862208	3.98%	1.794%
4	6.652	392	395	397	rBV	2562344	2530505	11.67%	5.265%
5	6.892	414	416	418	rBV	436384	612286	2.82%	1.274%
6	7.040	427	429	432	rBV	2238210	2218333	10.23%	4.615%
7	7.269	443	449	458	rBV2	106839	283989	1.31%	0.591%
8	7.452	462	465	468	rBV	1350371	1679167	7.74%	3.494%
9	8.172	526	528	535	rBV	946725	956700	4.41%	1.991%
10	9.258	620	623	625	rBV	3487578	3730474	17.20%	7.762%
11	9.932	680	682	685	rBV	1170995	1071164	4.94%	2.229%
12	10.732	749	752	754	rBV	1520210	2171305	10.01%	4.518%
13	11.429	810	813	815	rBV	682732	1000763	4.62%	2.082%
14	11.875	850	852	858	rVV	206865	454481	2.10%	0.946%
15	11.966	858	860	872	rVB2	211564	383183	1.77%	0.797%
16	12.744	926	928	932	rVV	138195	249621	1.15%	0.519%
17	12.801	932	933	939	rVB2	233975	451633	2.08%	0.940%
18	13.018	949	952	955	rBV	3138893	3621319	16.70%	7.535%
19	13.475	978	992	1013	rBV	4220075	21683534	100.00%	45.115%
20	13.738	1013	1015	1022	rVB3	143728	275729	1.27%	0.574%
21	14.069	1042	1044	1056	rVB	917842	1132700	5.22%	2.357%
22	15.532	1169	1172	1185	rVB	433558	732010	3.38%	1.523%

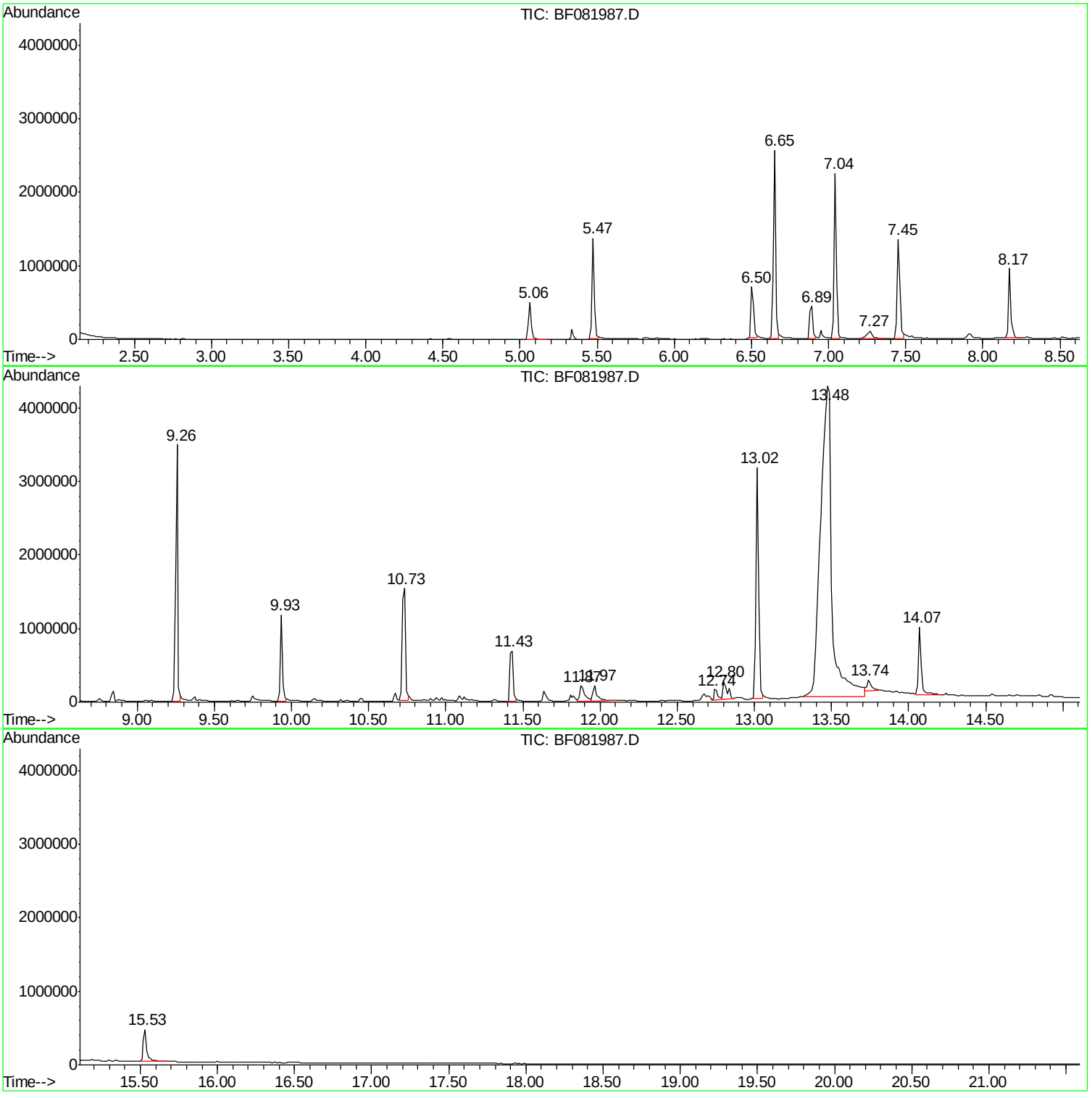
Sum of corrected areas: 48063070

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081987.D
Acq On : 2 Oct 2015 19:04
Operator : UM/IZ
Sample : G3885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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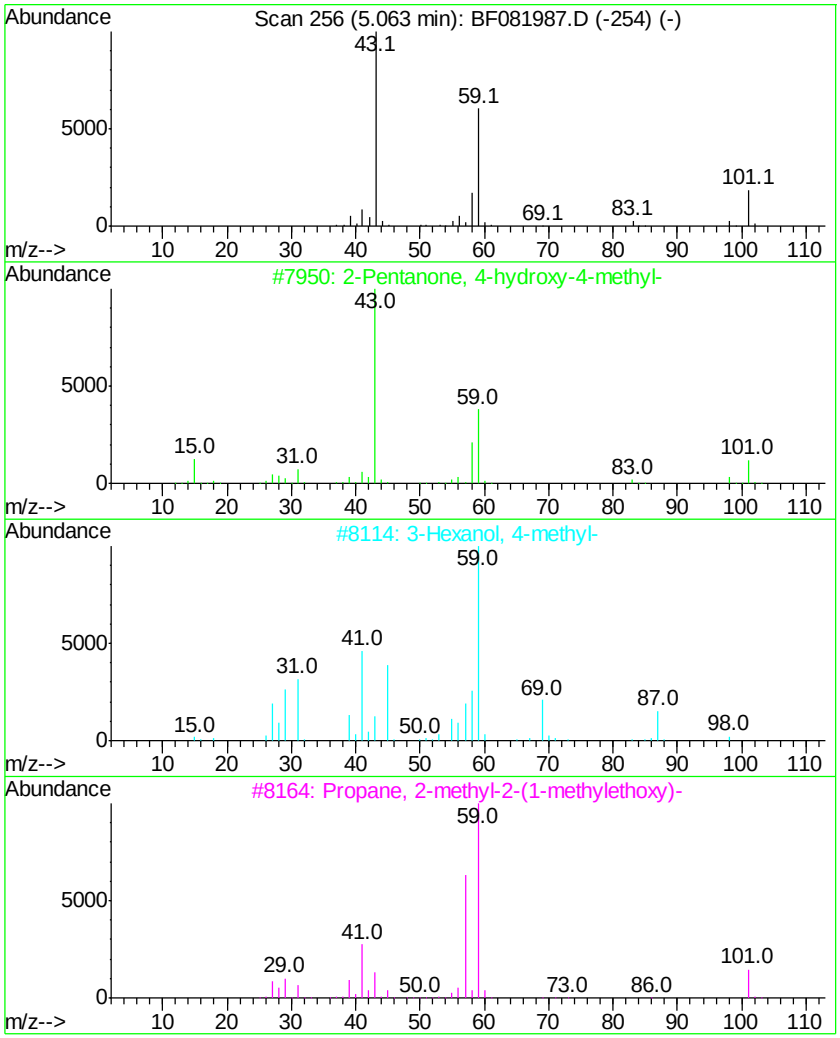
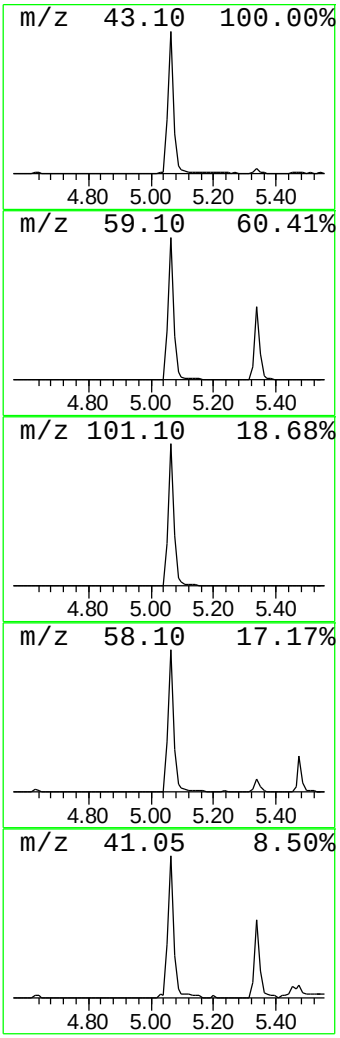
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	20.05 ng	613952	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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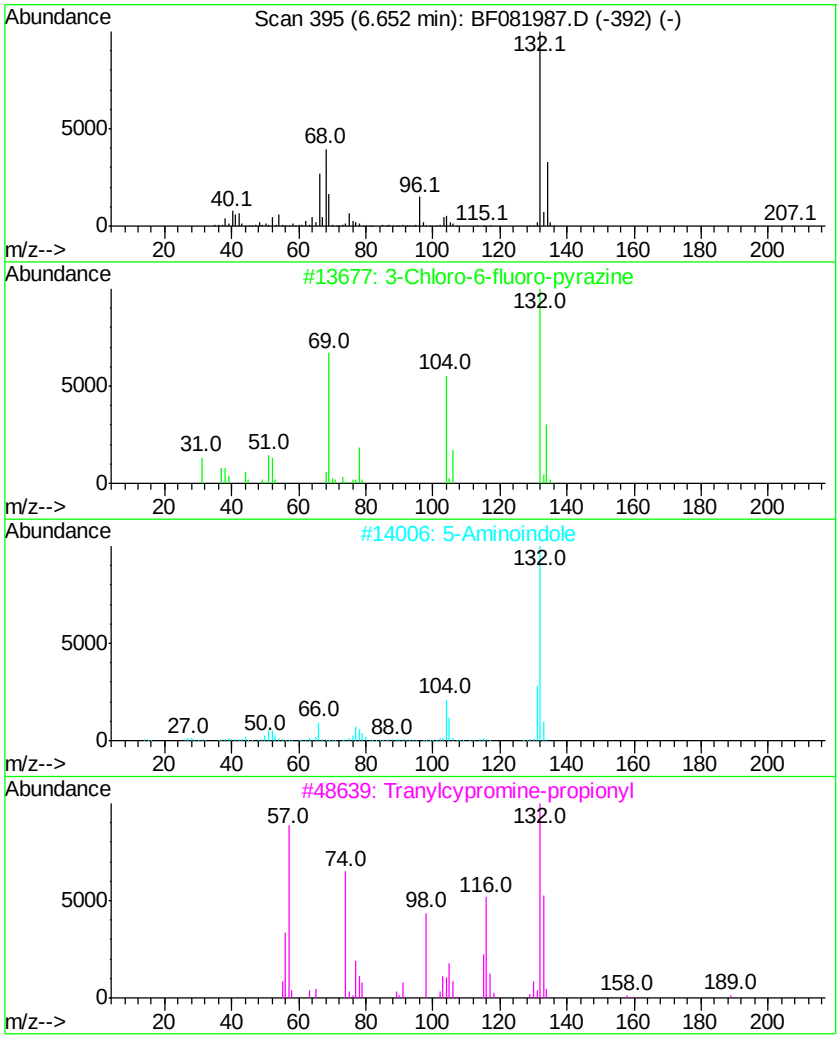
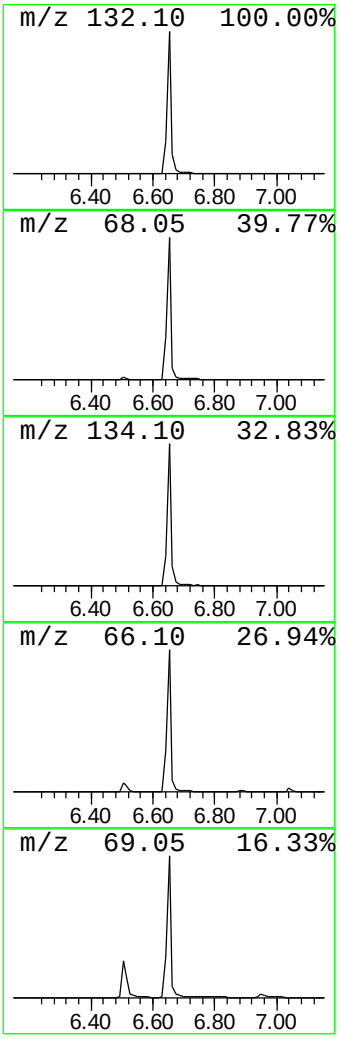
Peak Number 2 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	82.66 ng	2530510	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Data File : BF081987.D
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Operator : UM/IZ
Sample : G3885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.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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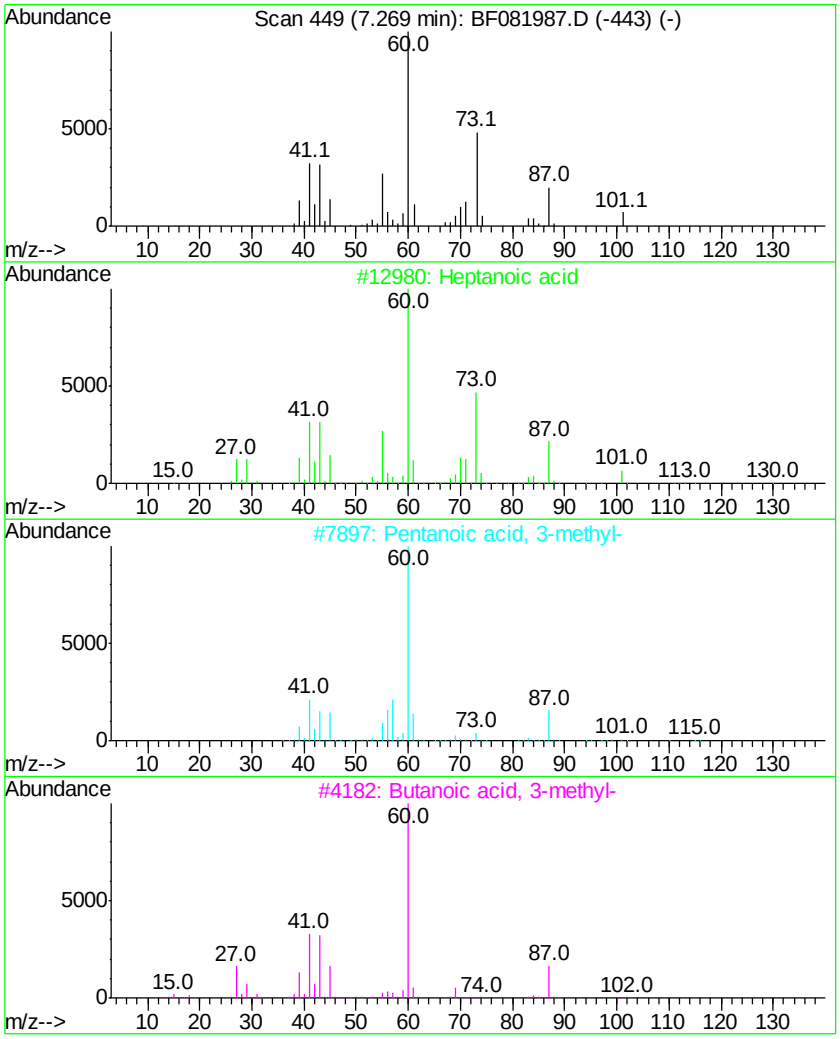
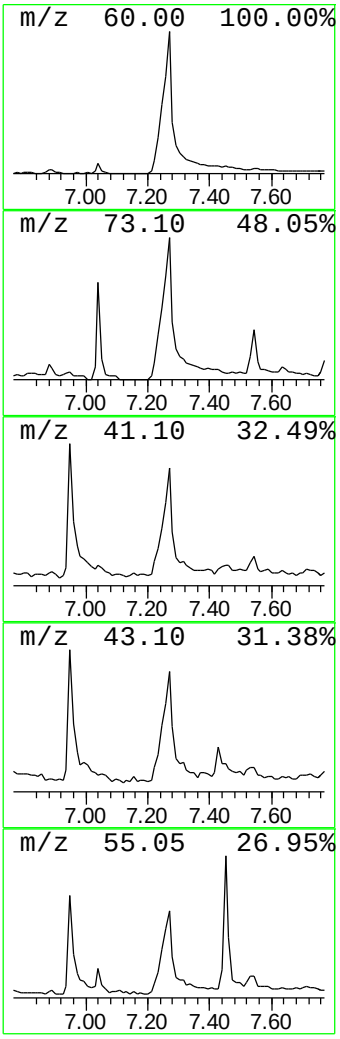
Peak Number 4 Heptanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	9.28 ng	283989	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	59
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59
4	Pentanoic acid	102	C5H10O2	000109-52-4	53
5	Hexanoic acid	116	C6H12O2	000142-62-1	45





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

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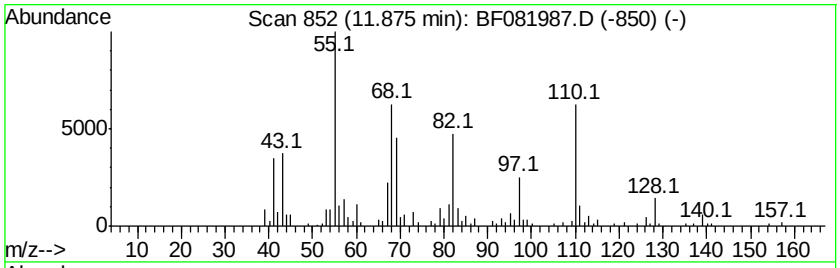
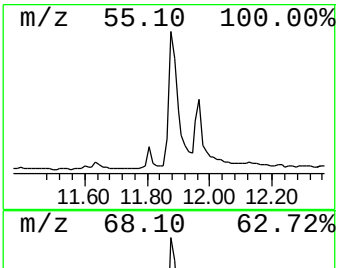
****

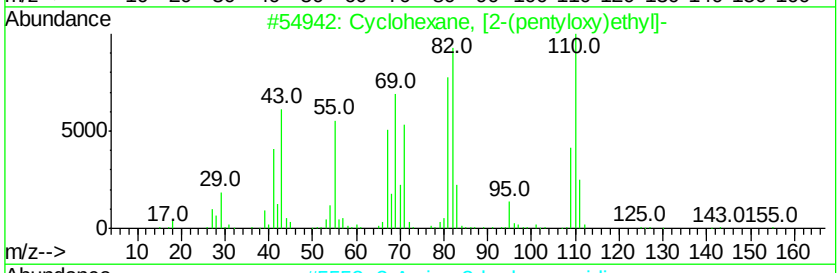
Peak Number 5 unknown11.87 Concentration Rank 6

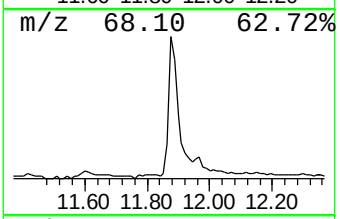
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	9.08 ng	454481	Phenanthrene-d10	11.43

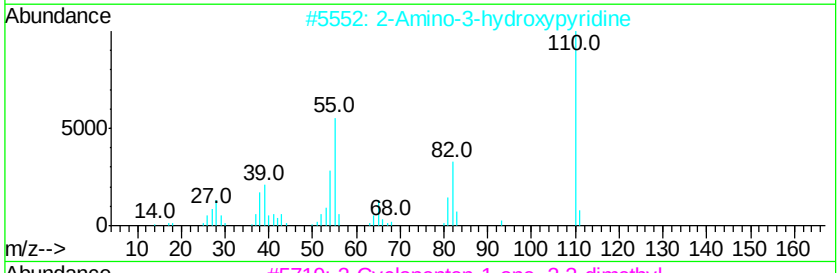
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, [2-(pentyloxy)ethyl]-	198	C13H26O	054852-75-4	43
2	2-Amino-3-hydroxypyridine	110	C5H6N2O	016867-03-1	25
3	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	22
4	7-Azabicyclo[4.1.0]heptane	97	C6H11N	000286-18-0	16
5	2,3-Nonadiene	124	C9H16	022433-34-7	14

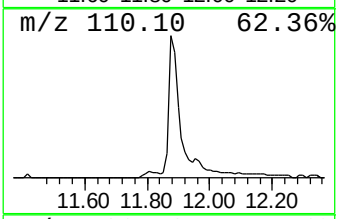


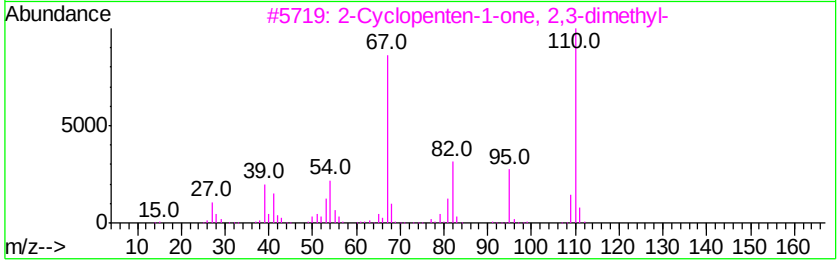


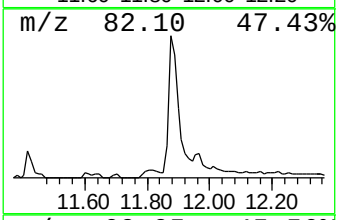


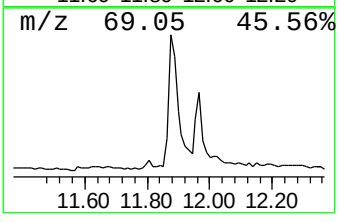












Library Search Compound Report

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Acq On : 2 Oct 2015 19:04
Operator : UM/IZ
Sample : G3885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

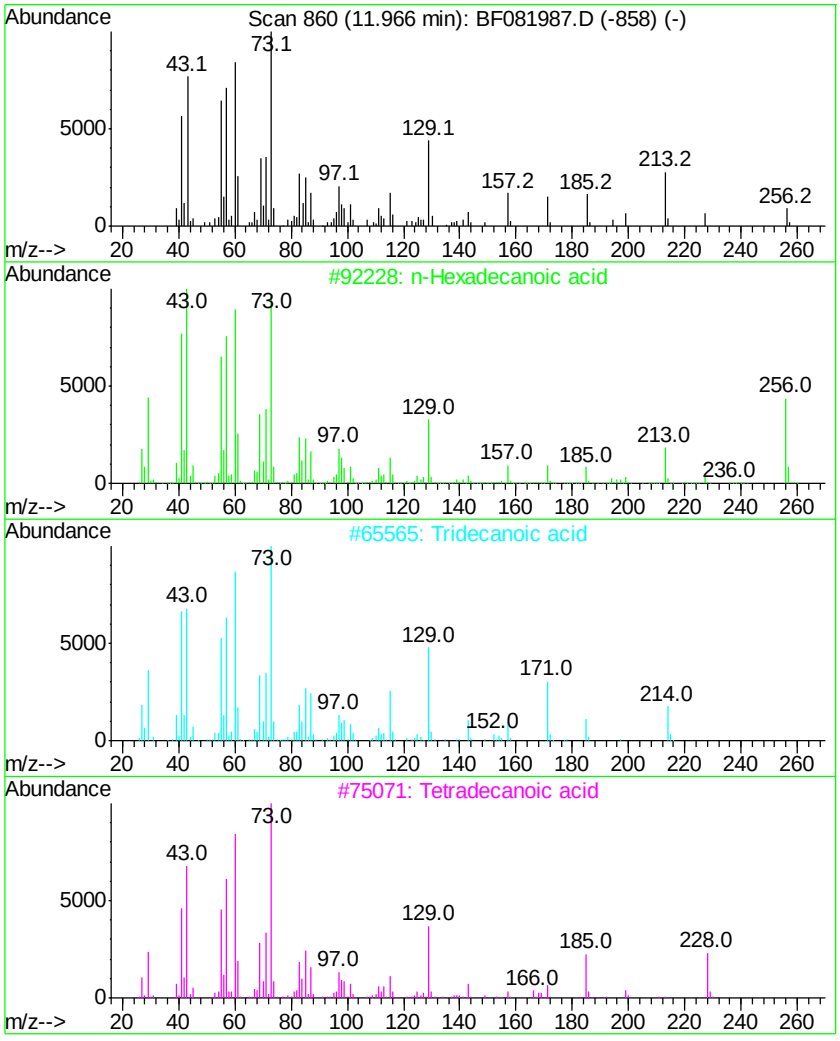
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

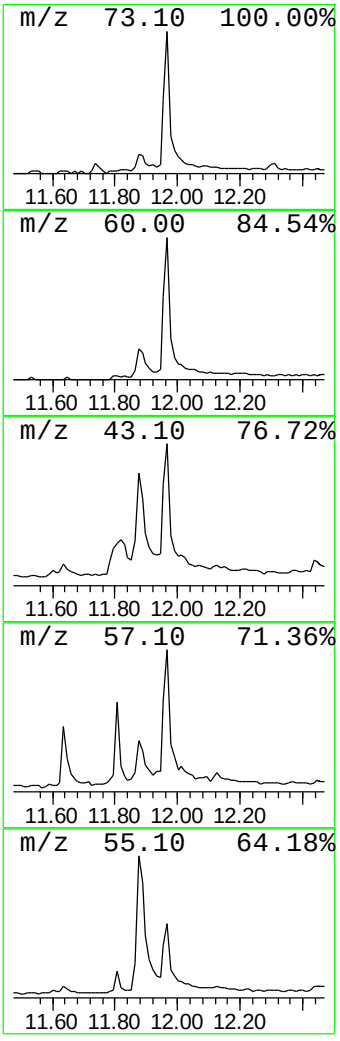
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	7.66 ng	383183	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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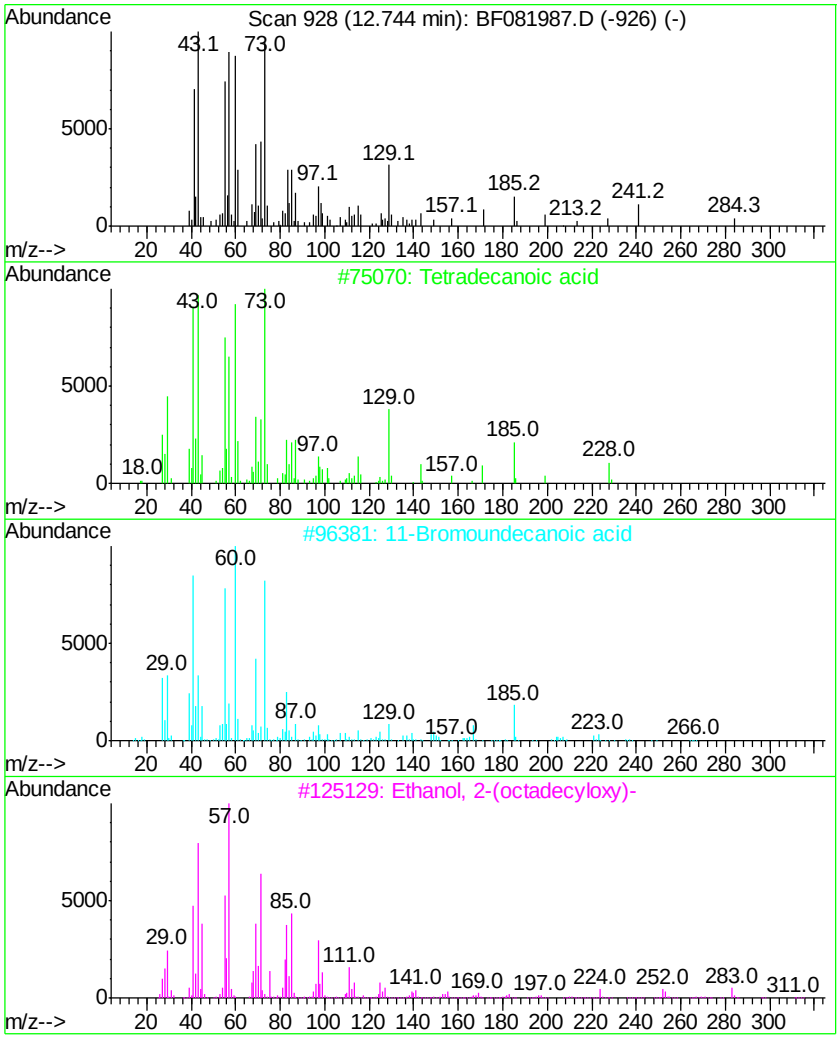
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

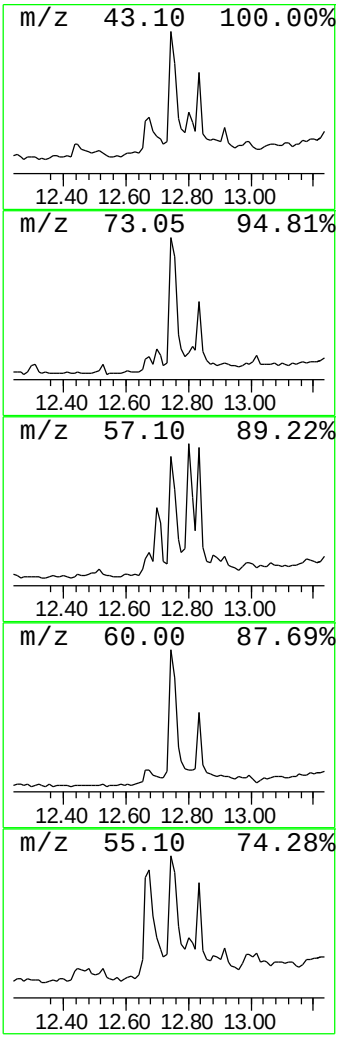
****

Peak Number 7 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	4.99 ng	249621	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
2	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	18
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	11
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11





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TIC Library : C:\DATABASE\NIST02.L
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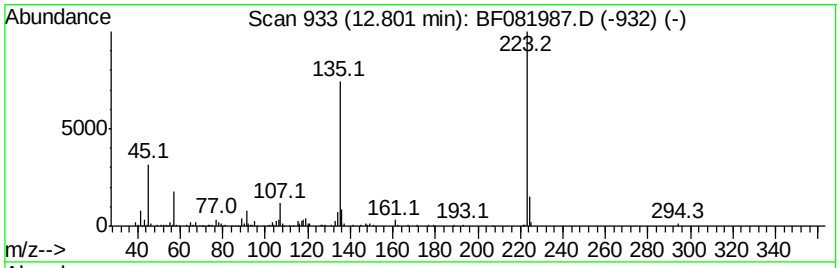
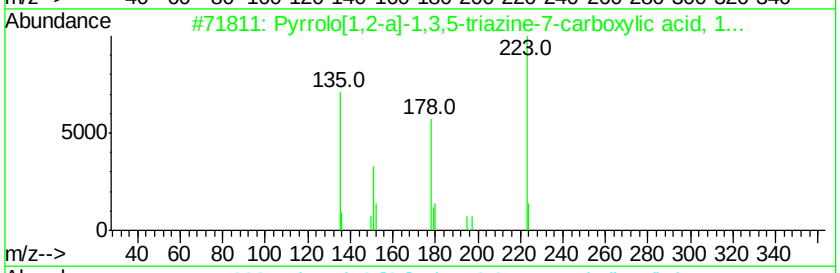
****

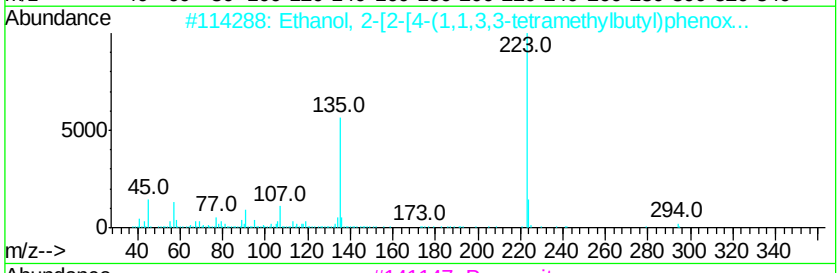
Peak Number 8 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 7

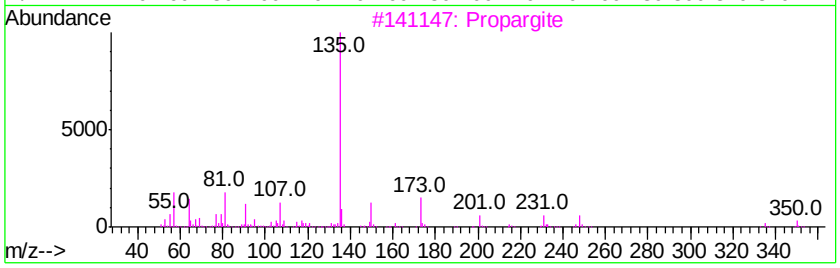
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	7.97 ng	451633	Chrysene-d12	14.07

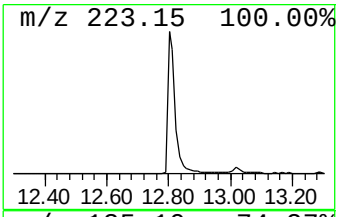
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	38
3	Propargite	350	C19H26O4S	002312-35-8	35
4	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	35
5	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	35

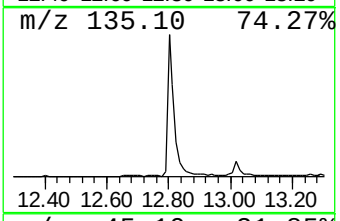


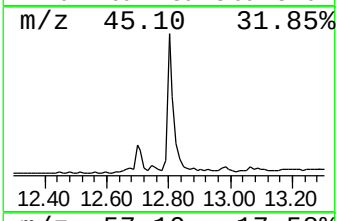


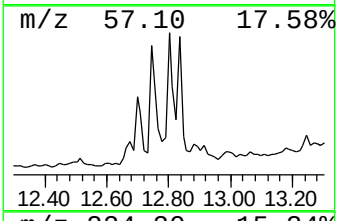


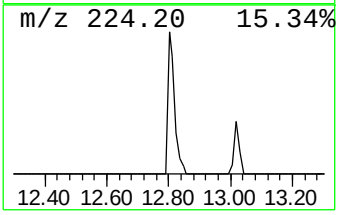












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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.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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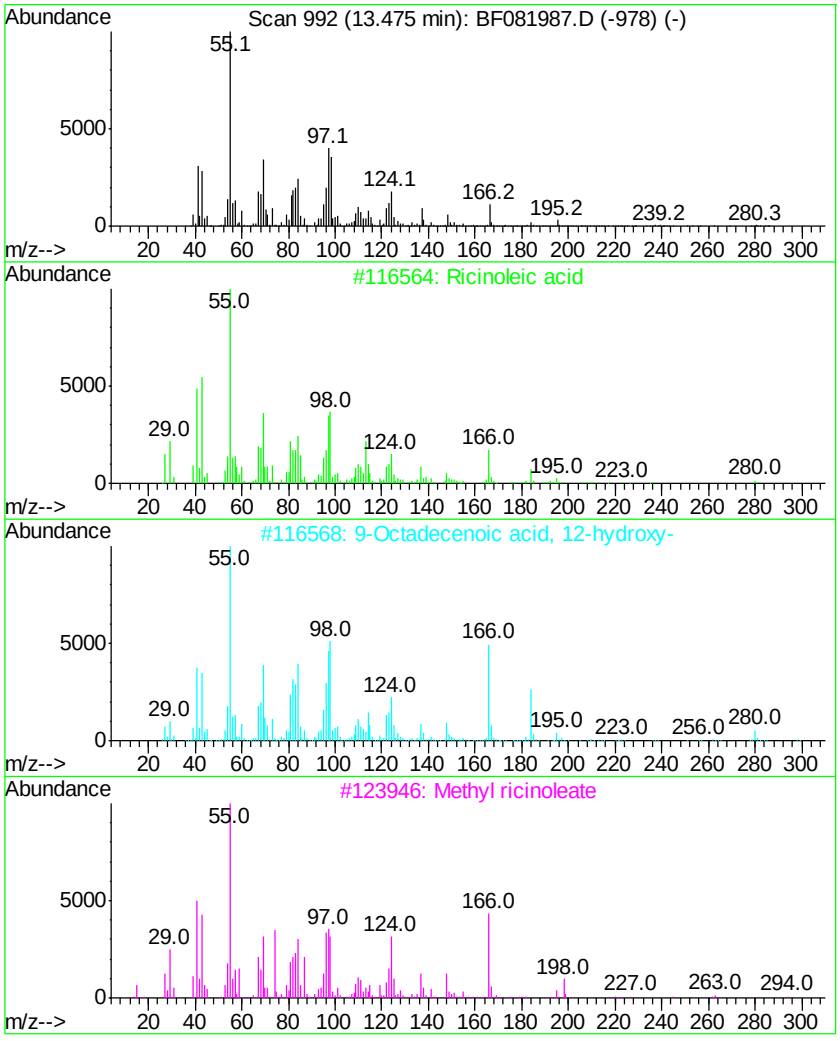
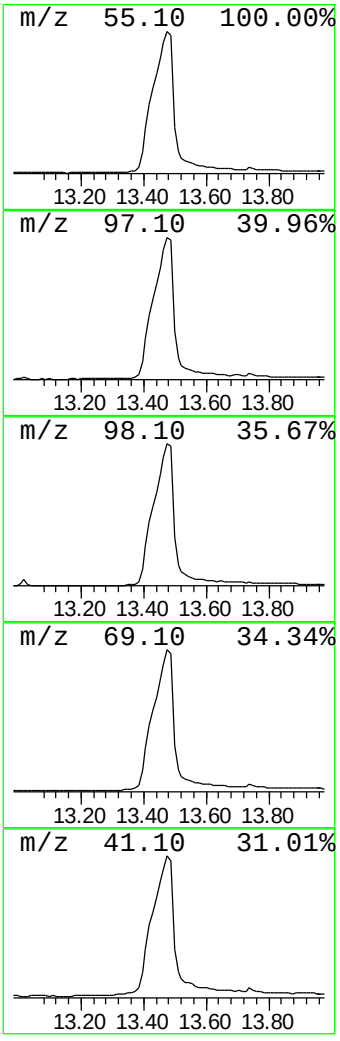
Peak Number 9 Ricinoleic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	382.87 ng	21683500	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ricinoleic acid	298	C18H34O3	000141-22-0	83
2	9-Octadecenoic acid, 12-hydroxy-	298	C18H34O3	007431-95-0	68
3	Methyl ricinoleate	312	C19H36O3	000141-24-2	58
4	Chloromethyl 5-chloroundecanoate	268	C12H22Cl2O2	080418-91-3	46
5	Chloromethyl 9-chloroundecanoate	268	C12H22Cl2O2	080418-95-7	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081987.D
Acq On : 2 Oct 2015 19:04
Operator : UM/IZ
Sample : G3885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.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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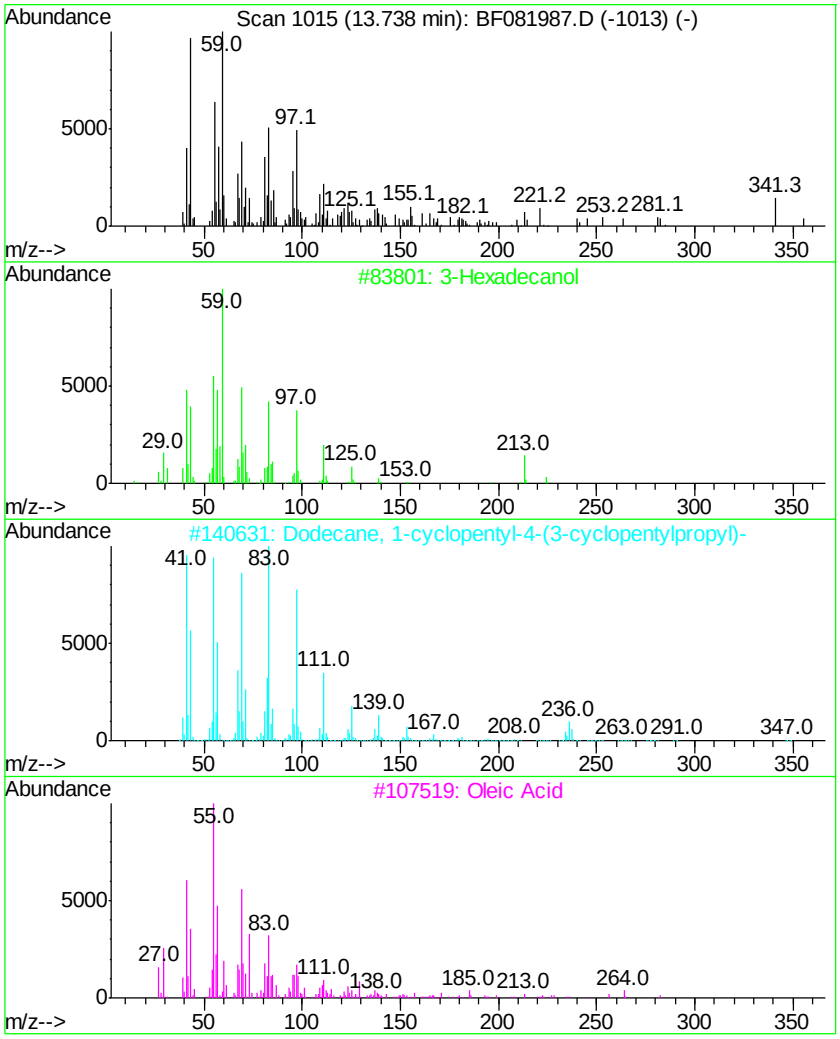
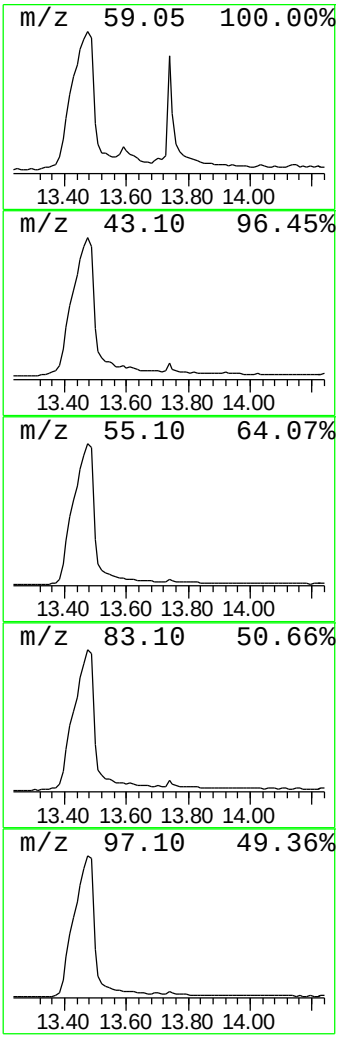
Peak Number 10 3-Hexadecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.87 ng	275729	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecanol	242	C16H34O	000593-03-3	72
2	Dodecane, 1-cyclopentyl-4-(3-cyc...	348	C25H48	007225-68-5	35
3	Oleic Acid	282	C18H34O2	000112-80-1	27
4	Allyldimethylsilane	100	C5H12Si	003937-30-2	22
5	4-Allyl-2-t-butyl-4-methyl-1,3-o...	214	C11H18O2S	092572-53-7	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF081987.D
Acq On : 2 Oct 2015 19:04
Operator : UM/IZ
Sample : G3885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	5.06	20.1	ng	613952	1	6.89	612286	20.0
unknown6.65	6.65	82.7	ng	2530510	1	6.89	612286	20.0
Heptanoic acid	7.27	9.3	ng	283989	1	6.89	612286	20.0
unknown11.87	11.87	9.1	ng	454481	4	11.43	1000760	20.0
n-Hexadecanoic acid	11.97	7.7	ng	383183	4	11.43	1000760	20.0
Tetradecanoic acid	12.74	5.0	ng	249621	4	11.43	1000760	20.0
Pyrrolo[1,2-a]-1,...	12.80	8.0	ng	451633	5	14.07	1132700	20.0
Ricinoleic acid	13.48	382.9	ng	21683500	5	14.07	1132700	20.0
3-Hexadecanol	13.74	4.9	ng	275729	5	14.07	1132700	20.0