LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 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-BF112316.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	16	rVV	1549788	2235596	13.64%	2.340%
2	1.893	16	18	30	rVB	1940876	2882466	17.58%	3.017%
3	4.727	264	266	270	rBV	223989	260351	1.59%	0.273%
4	5.104	293	299	301	rBV	4938105	9719469	59.28%	10.173%
5	5.482	330	332	334	rVB	1359113	1225680	7.48%	1.283%
6	5.813	358	361	363	rBV3	89324	184854	1.13%	0.193%
7	6.453	415	417	418	rVV	121039	177966	1.09%	0.186%
8	6.499	418	421	424	rVB2	867272	1584100	9.66%	1.658%
9	6.636	431	433	436	rBV	1979033	1766183	10.77%	1.849%
10	6.876	451	454	456	rBV	1868089	1617079	9.86%	1.693%
11	6.945	458	460	461	rVV	209404	224930	1.37%	0.235%
12	7.036	463	468	470	rVB	2400291	2942680	17.95%	3.080%
13	7.253	486	487	491	rVB2	184930	269215	1.64%	0.282%
14	7.436	500	503	505	rVB	2378273	2406133	14.68%	2.518%
15	7.516	508	510	515	rVB2	234141	436258	2.66%	0.457%
16	7.905	535	544	546	rBV3	230085	683263	4.17%	0.715%
17	7.962	546	549	551	rVB	314551	337392	2.06%	0.353%
18	8.065	556	558	560	rBV	1114062	1214365	7.41%	1.271%
19	8.156	564	566	568	rVV	1488651	1965199	11.99%	2.057%
20	8.202	568	570	571	rVB2	157643	171099	1.04%	0.179%
21	8.408	584	588	592	rBV2	486050	1035818	6.32%	1.084%
22	8.510	592	597	600	rBV3	265297	425052	2.59%	0.445%
23	8.590	600	604	606	rVV	469534	573038	3.50%	0.600%
24	8.625	606	607	609	rVB	586896	445236	2.72%	0.466%
25	9.242	658	661	663	rBV	4293850	4302022	26.24%	4.503%
26	9.368	669	672	673	rBV	173482	193556	1.18%	0.203%
27	9.390	673	674	680	rVB	266207	259264	1.58%	0.271%
28	9.631	691	695	696	rBV	316635	354111	2.16%	0.371%
29	9.688	696	700	701	rVV	2392122	2945337	17.96%	3.083%
30	9.745	701	705	707	rVV	9796857	16395131	100.00%	17.161%
31	9.813	707	711	714	rVV2	113971	232693	1.42%	0.244%
32	9.916	717	720	723	rVB	2307771	2319226	14.15%	2.428%
33	10.145	732	740	742	rBV2	873135	1504734	9.18%	1.575%
34	10.293	751	753	755	rVB	485766	416837	2.54%	0.436%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 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-BF112316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.362	755	759	763	rVV4	168743	490856	2.99%	0.514%
36	10.431	763	765	767	rVB	252606	243024	1.48%	0.254%
37	10.705	786	789	790	rVV2	1128311	1699129	10.36%	1.778%
38	10.728	790	791	794	rVV	3862884	4726151	28.83%	4.947%
39	10.785	794	796	799	rVV4	200570	264465	1.61%	0.277%
40	10.831	799	800	804	rVB3	353800	462361	2.82%	0.484%
41	10.888	804	805	807	rBV2	270322	388817	2.37%	0.407%
42	10.922	807	808	810	rVV2	319652	278454	1.70%	0.291%
43	11.025	815	817	819	rVB	885402	894610	5.46%	0.936%
44	11.071	819	821	823	rBV	475377	516766	3.15%	0.541%
45	11.105	823	824	827	rBV	259108	260771	1.59%	0.273%
46	11.276	837	839	844	rVB2	301460	416479	2.54%	0.436%
47	11.402	847	850	851	rBV	2165047	2074717	12.65%	2.172%
48	11.574	862	865	868	rVV2	292922	535753	3.27%	0.561%
49	11.631	868	870	872	rVV2	319582	378740	2.31%	0.396%
50	11.711	874	877	880	rVB3	85364	202751	1.24%	0.212%
51	11.859	889	890	894	rBV3	81956	219575	1.34%	0.230%
52	11.939	894	897	899	rBV2	1867590	2421712	14.77%	2.535%
53	12.191	917	919	922	rBV	291460	327756	2.00%	0.343%
54	12.511	944	947	948	rBV2	147792	216885	1.32%	0.227%
55	12.648	954	959	963	rBV4	308688	960639	5.86%	1.005%
56	12.728	963	966	972	rVV	2122605	2571432	15.68%	2.692%
57	12.979	986	988	991	rBV	1604040	2150944	13.12%	2.251%
58	13.357	1019	1021	1026	rVB2	157285	345421	2.11%	0.362%
59	13.437	1026	1028	1029	rBV2	130826	243864	1.49%	0.255%
60	13.882	1065	1067	1069	rBV	453195	686061	4.18%	0.718%
61	14.031	1077	1080	1083	rBV	6231057	5974488	36.44%	6.253%
62	14.317	1103	1105	1109	rBV	195708	293617	1.79%	0.307%
63	15.471	1203	1206	1209	rVB	1122980	1380790	8.42%	1.445%
64	17.471	1379	1381	1387	rVB2	78458	205167	1.25%	0.215%

Sum of corrected areas: 95538528

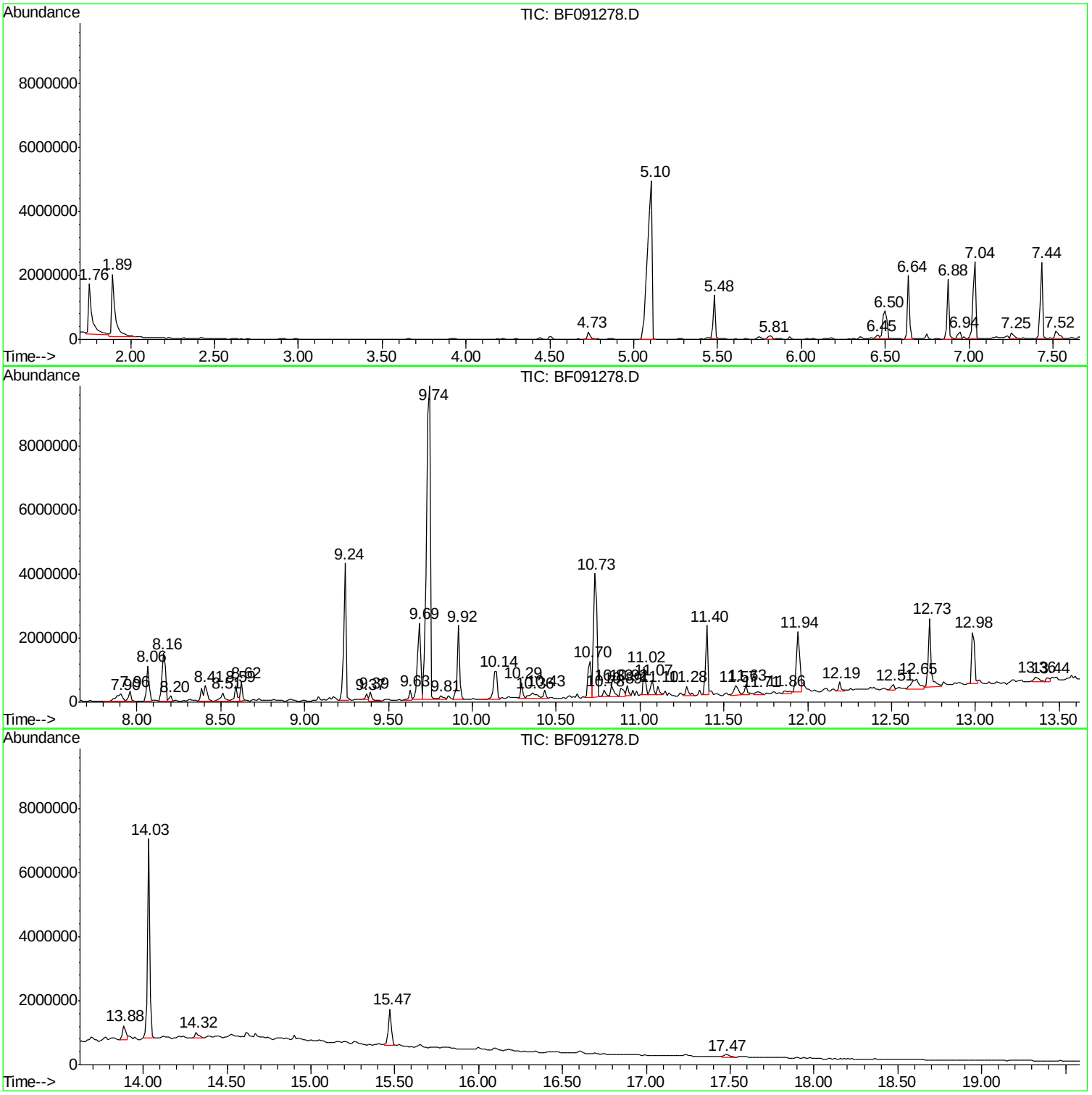
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

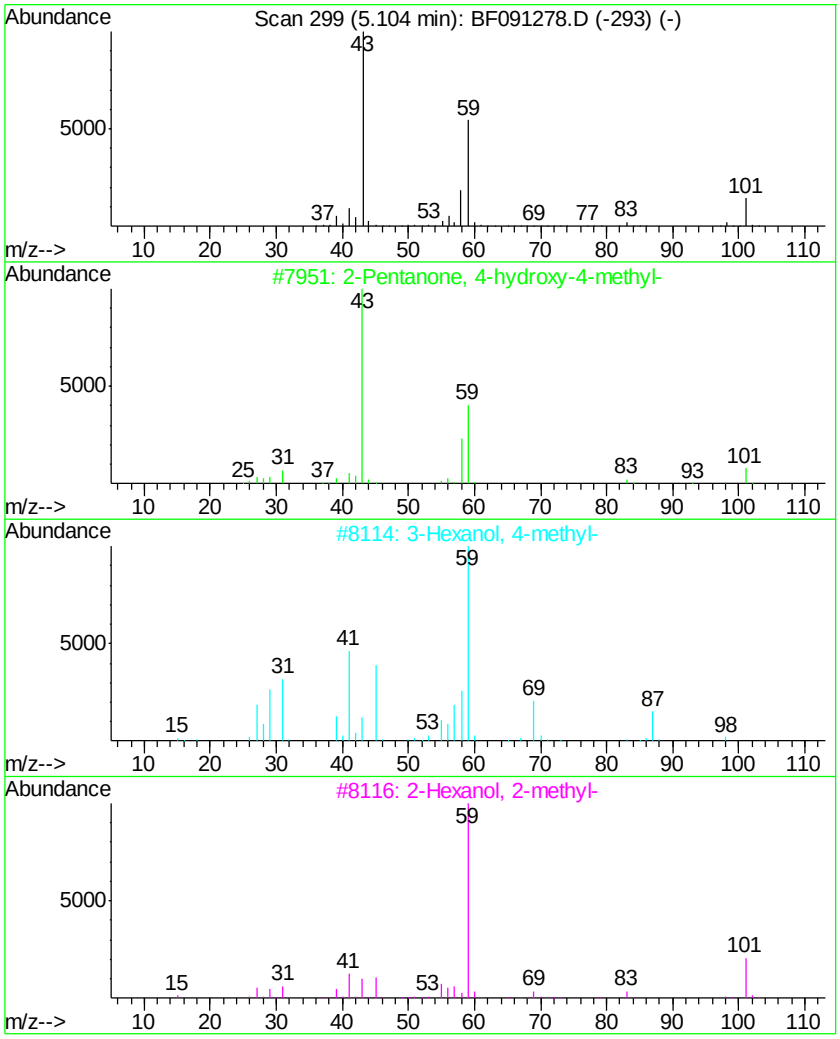
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

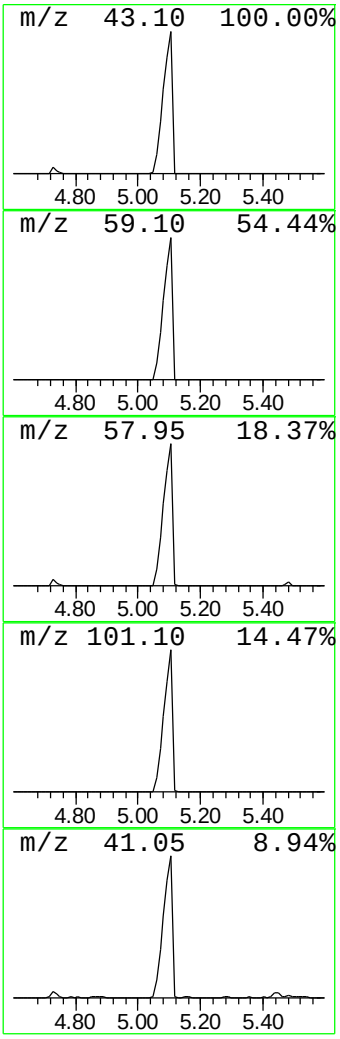
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	120.21 ng	9719470	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

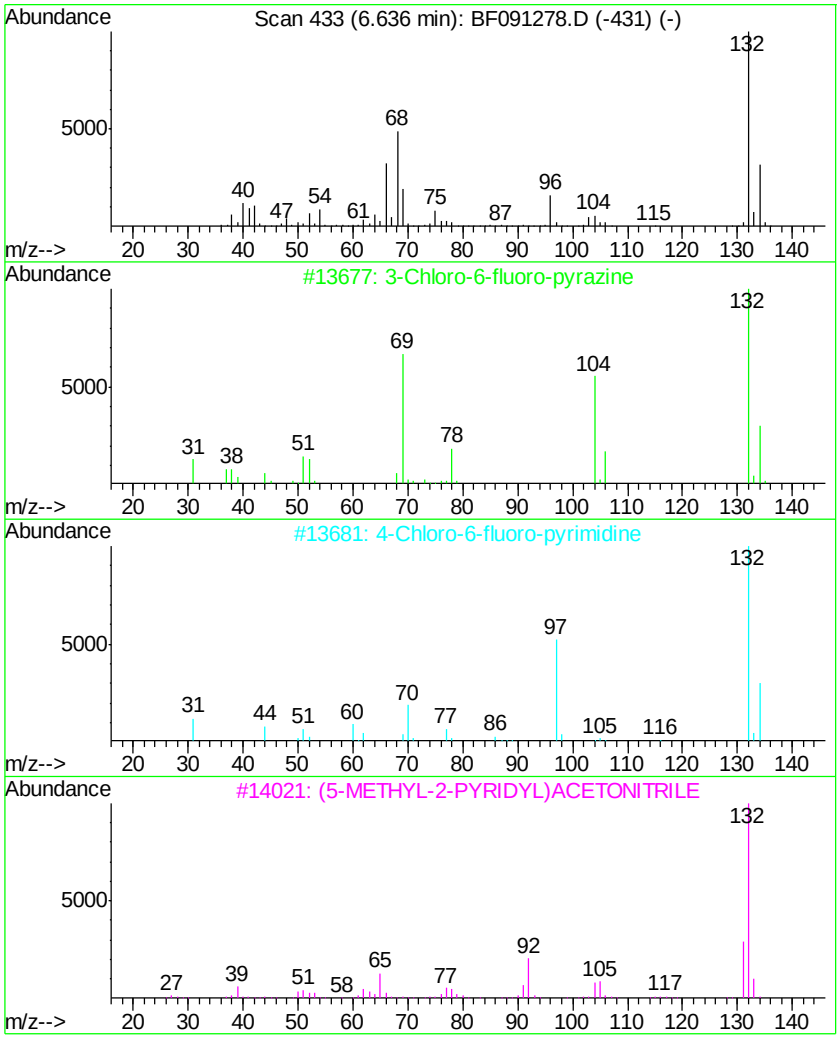
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

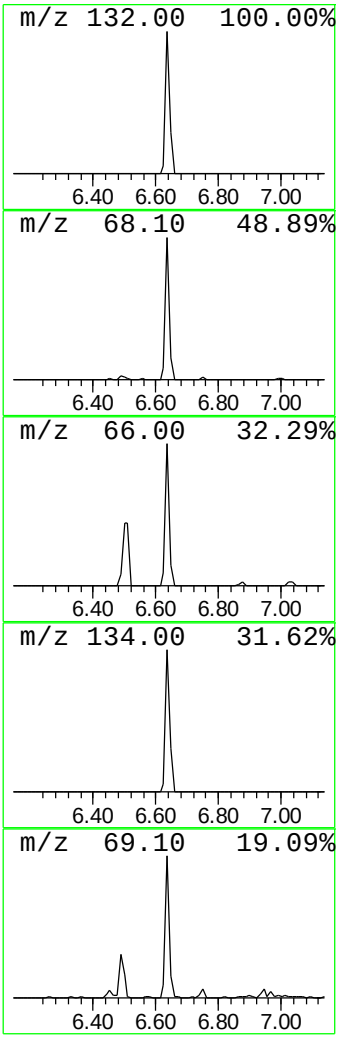
****

Peak Number 4 unknown6.64 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	21.84 ng	1766180	1,4-Dichlorobenzene-d4	6.88

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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

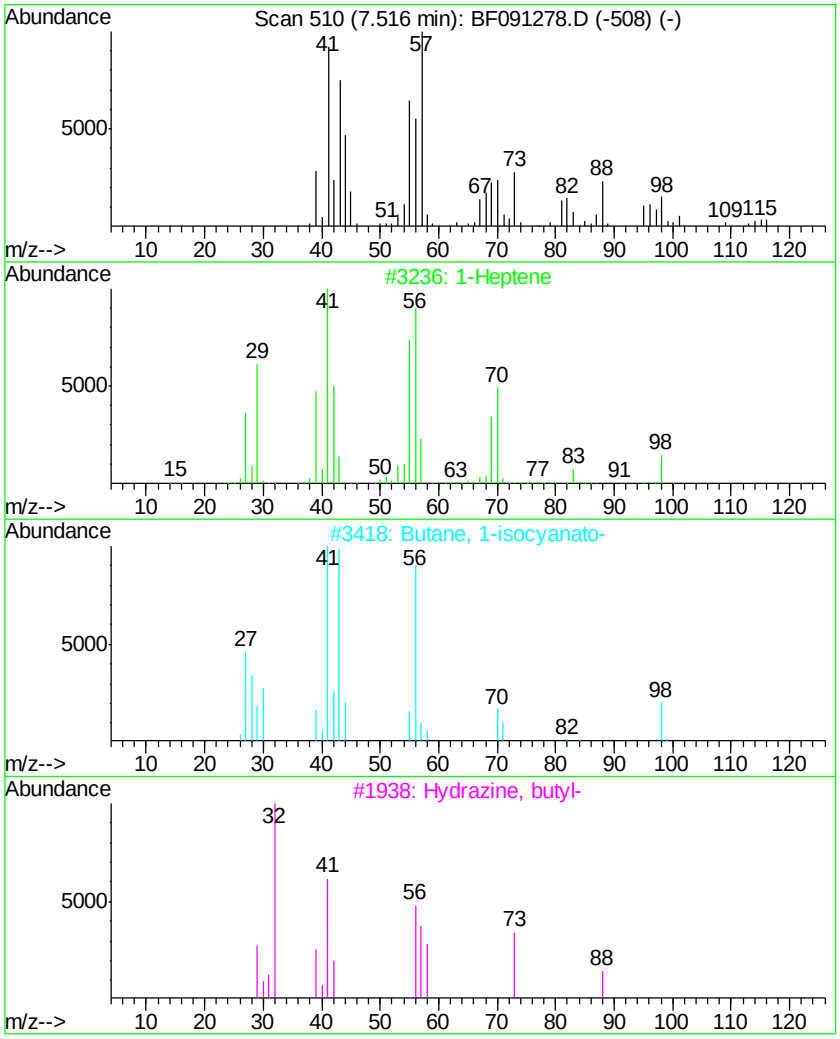
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

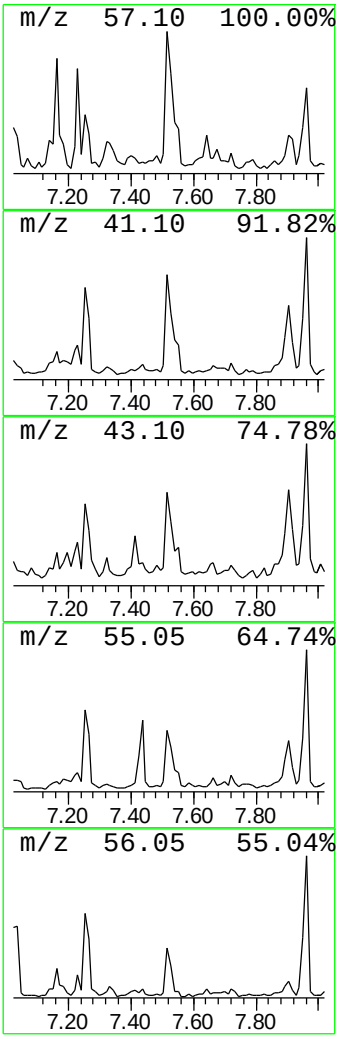
****

Peak Number 6 unknown7.52 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	5.40 ng	436258	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene	98	C7H14	000592-76-7	38
2	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	38
3	Hydrazine, butyl-	88	C4H12N2	003530-11-8	30
4	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	27
5	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

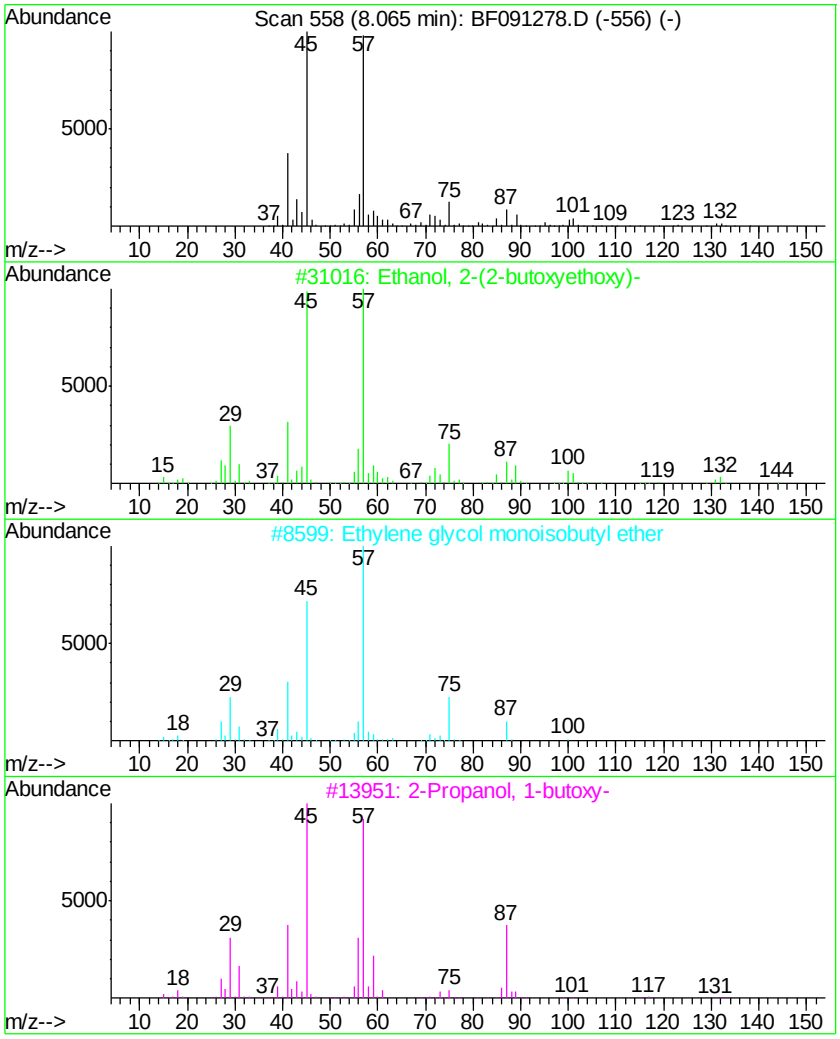
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

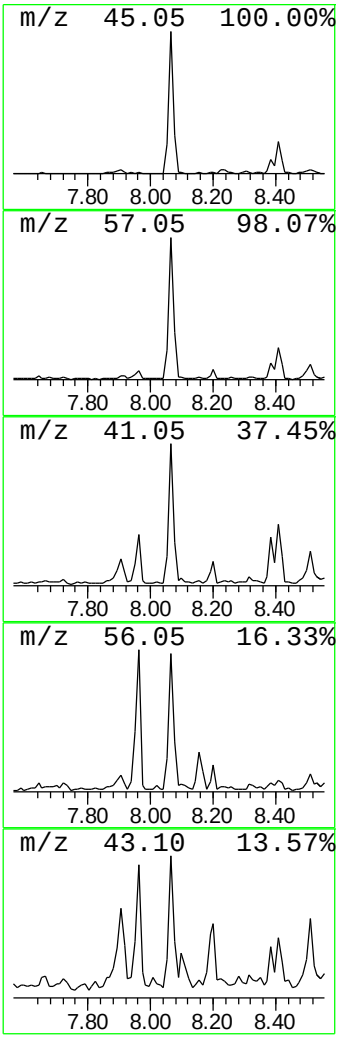
****

Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	12.36 ng	1214370	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	59
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

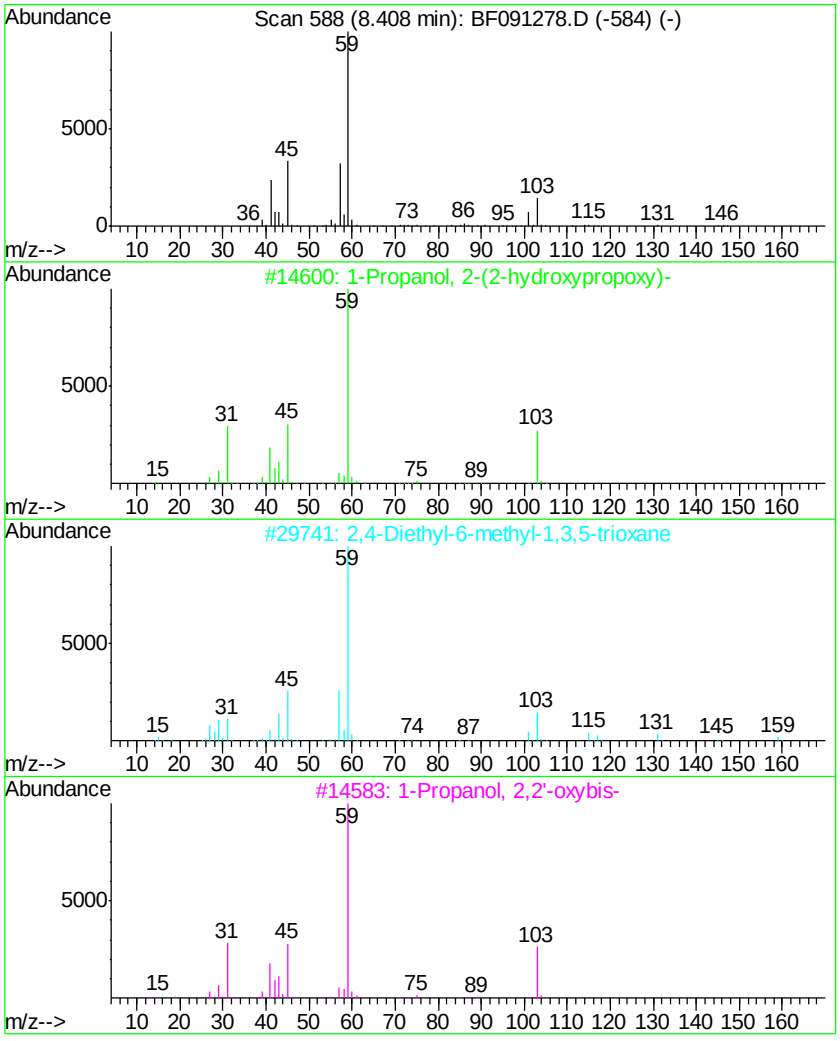
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

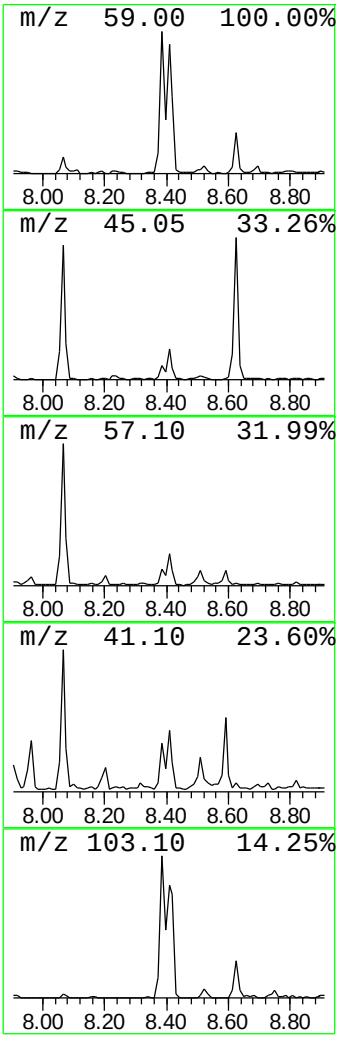
****

Peak Number 8 1-Propanol, 2-(2-hydroxypro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	10.54 ng	1035820	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	78
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
4	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	53
5	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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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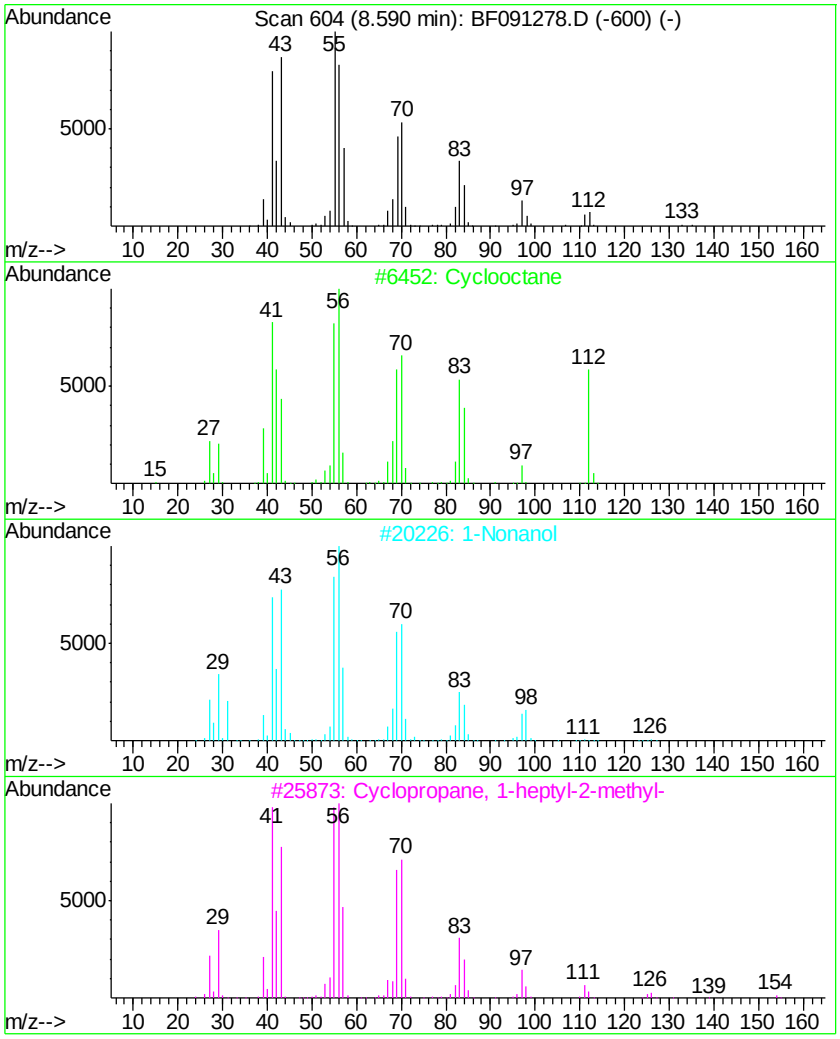
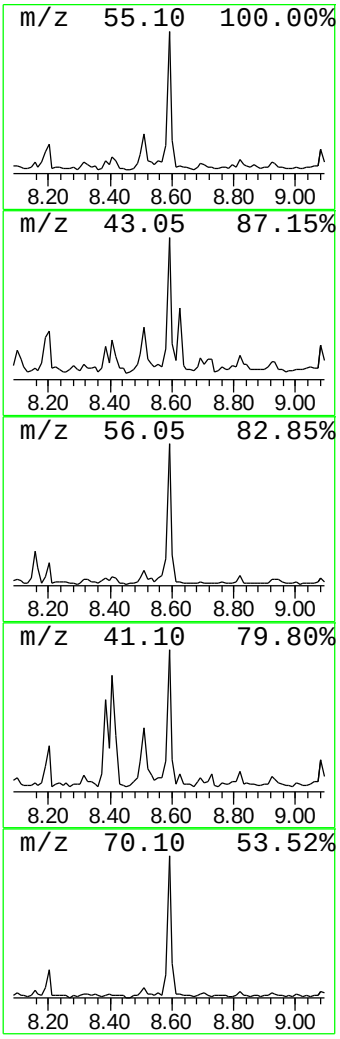
Peak Number 9 Cyclooctane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	5.83 ng	573038	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane	112	C8H16	000292-64-8	87
2	1-Nonanol	144	C9H20O	000143-08-8	86
3	Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	72
4	2-Octene, (Z)-	112	C8H16	007642-04-8	72
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

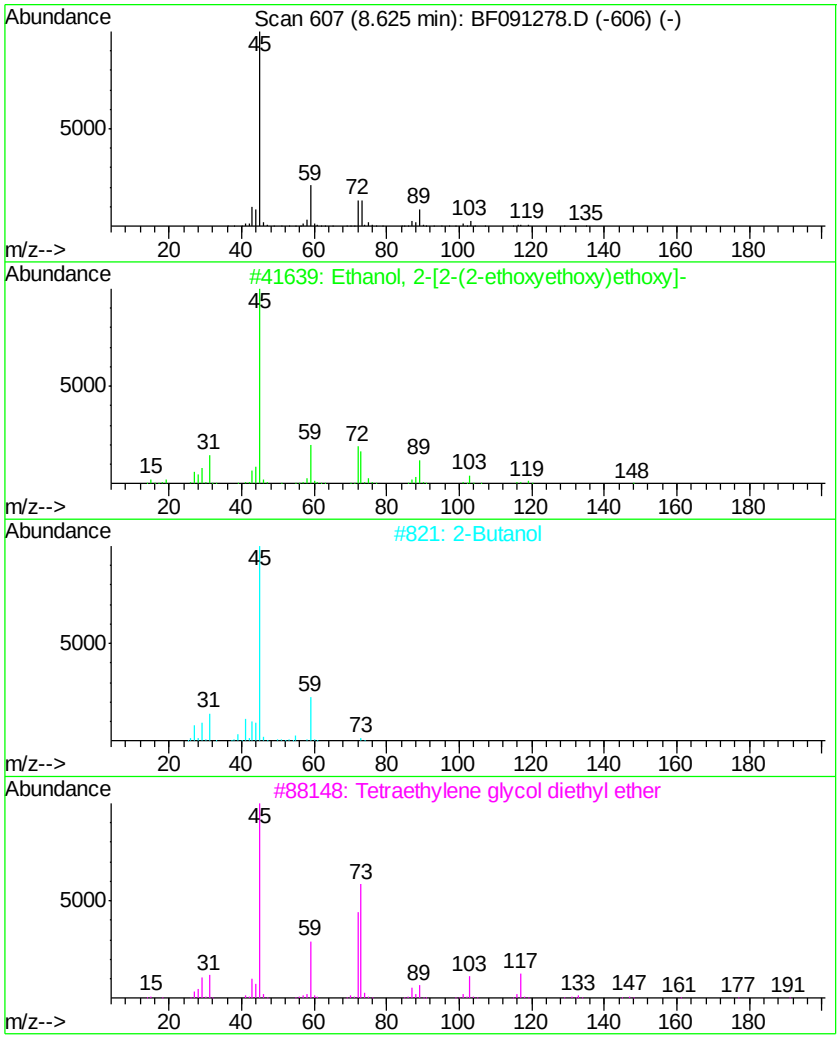
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

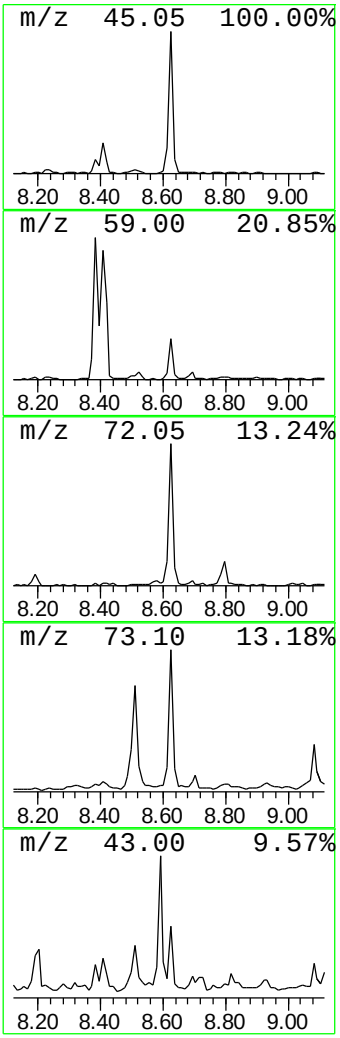
****

Peak Number 10 Ethanol, 2-[2-(2-ethoxyetho... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	4.53 ng	445236	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	83
2	2-Butanol	74	C4H10O	000078-92-2	59
3	Tetraethylene glycol diethyl ether	250	C12H26O5	004353-28-0	50
4	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	42
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091278.D
Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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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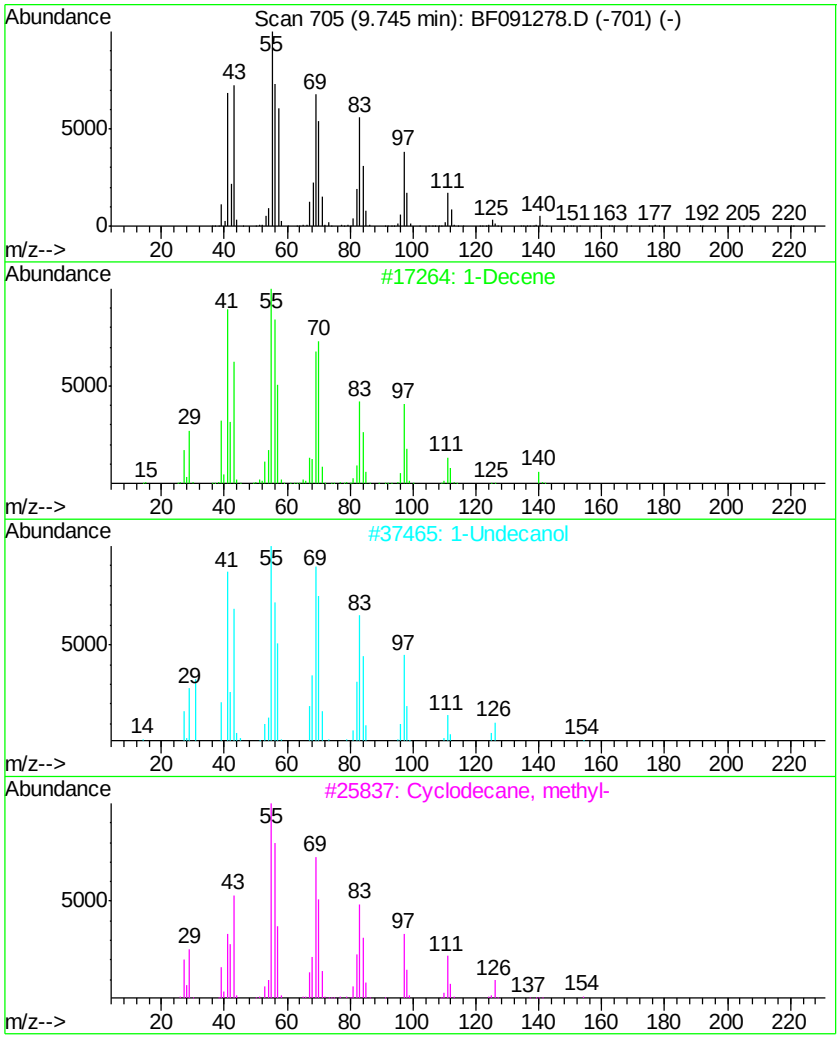
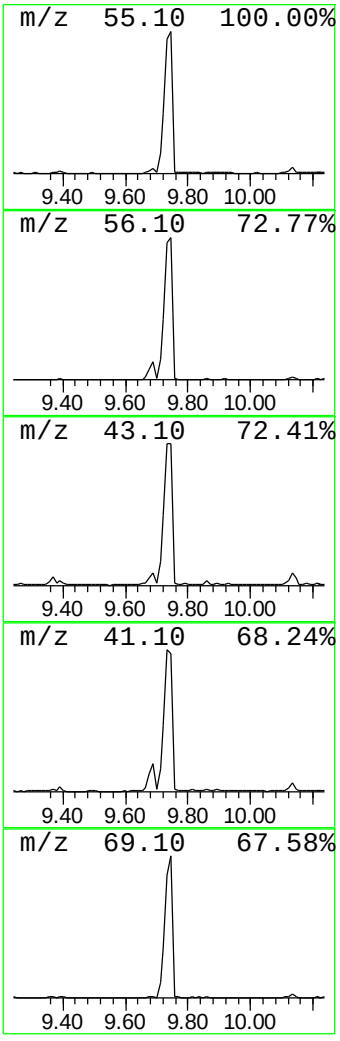
Peak Number 12 1-Decene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	141.39 ng	16395100	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	93
2	1-Undecanol	172	C11H24O	000112-42-5	91
3	Cyclodecane, methyl-	154	C11H22	013151-43-4	91
4	1-Tridecanol	200	C13H28O	000112-70-9	87
5	Cyclododecane	168	C12H24	000294-62-2	86





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Acq On : 23 Nov 2016 16:18
Operator : UM/SJ
Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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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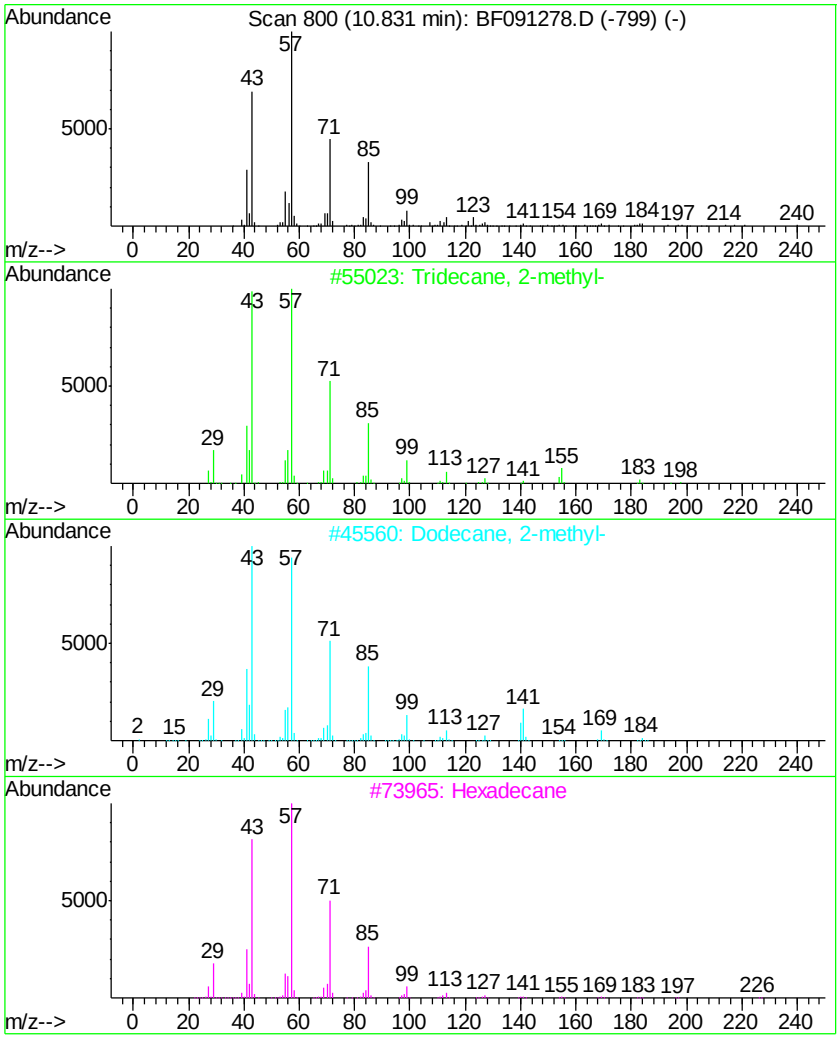
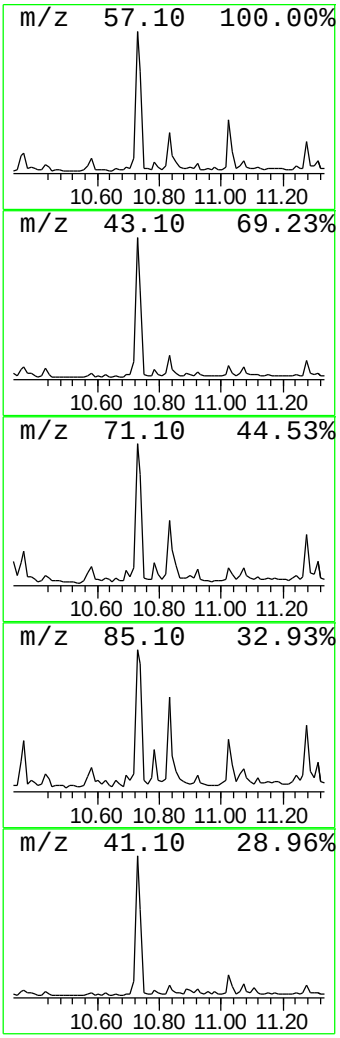
Peak Number 14 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.46 ng	462361	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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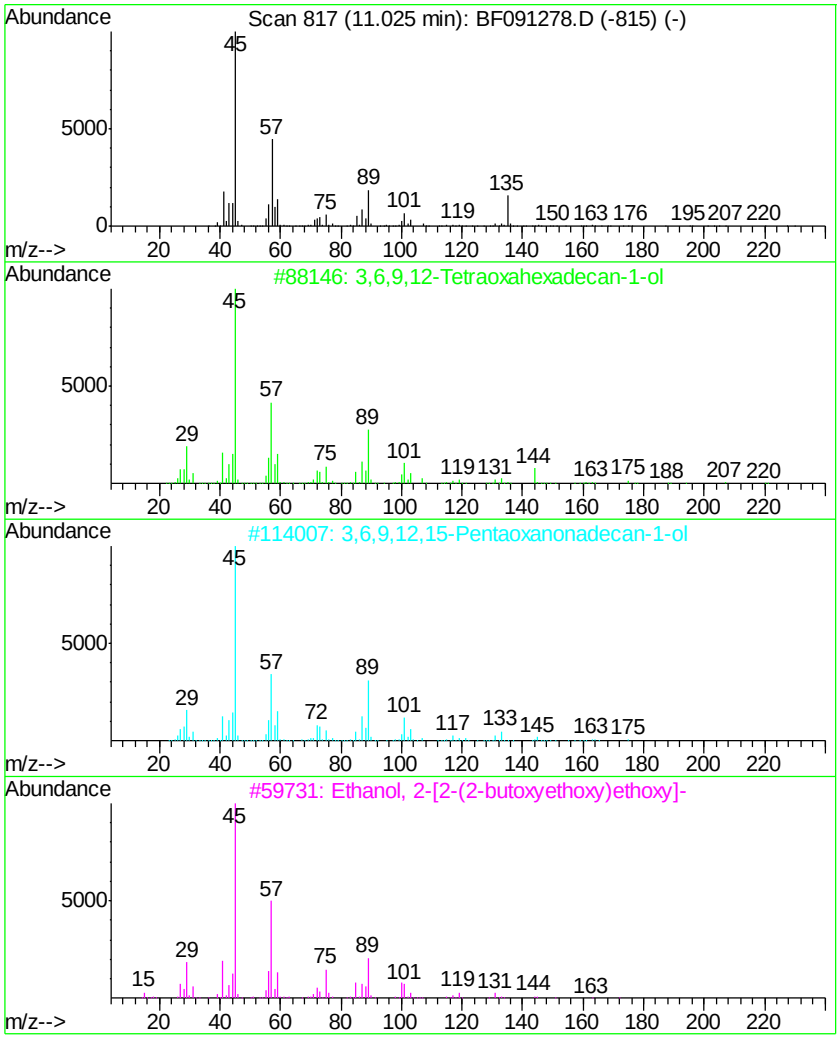
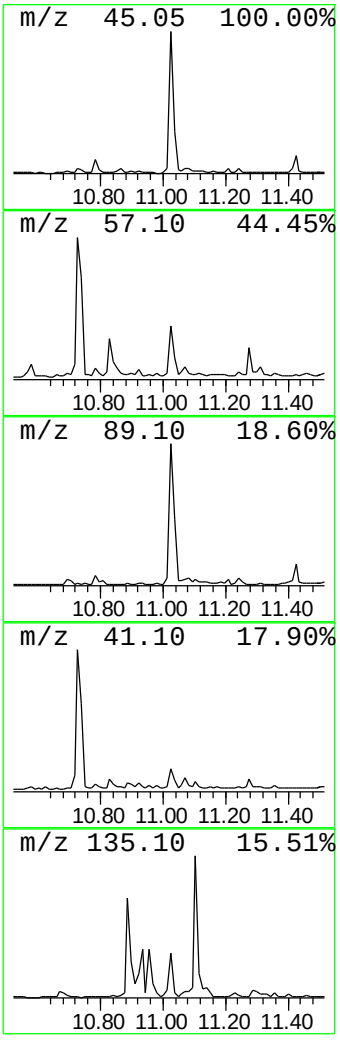
Peak Number 15 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	8.62 ng	894610	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	86
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	78
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	78
4	Octaethylene glycol	370	C16H34O9	1000289-34-2	64
5	12-Crown-4	176	C8H16O4	000294-93-9	59





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : GROUNDWATER

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TIC Library : C:\DATABASE\NIST02.L
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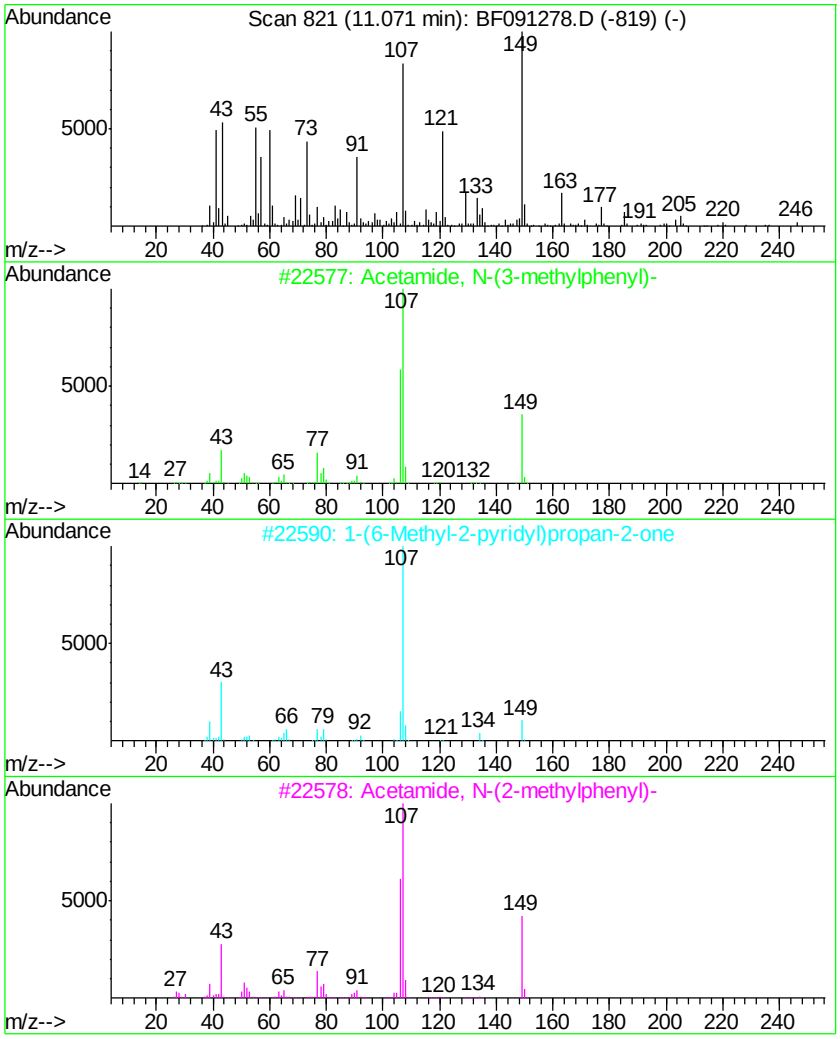
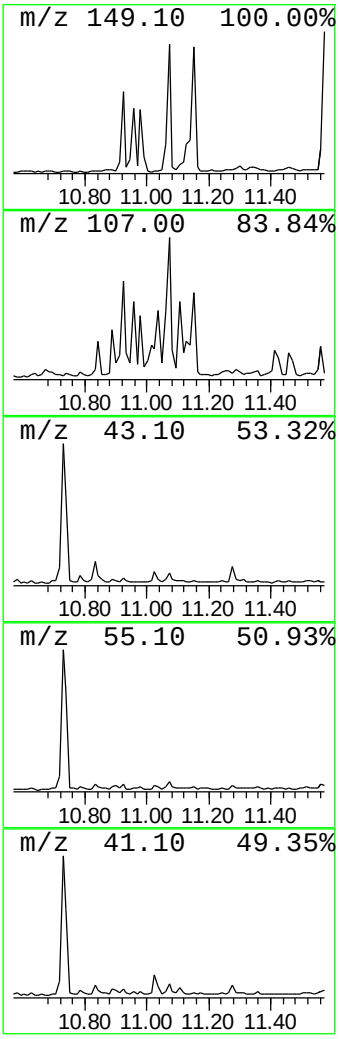
Peak Number 16 Acetamide, N-(3-methylphenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.98 ng	516766	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
2	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	49
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	49
4	1,3-Cyclohexadiene-1-carboxaldeh...	150	C10H14O	000116-26-7	38
5	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	35





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Acq On : 23 Nov 2016 16:18
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Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
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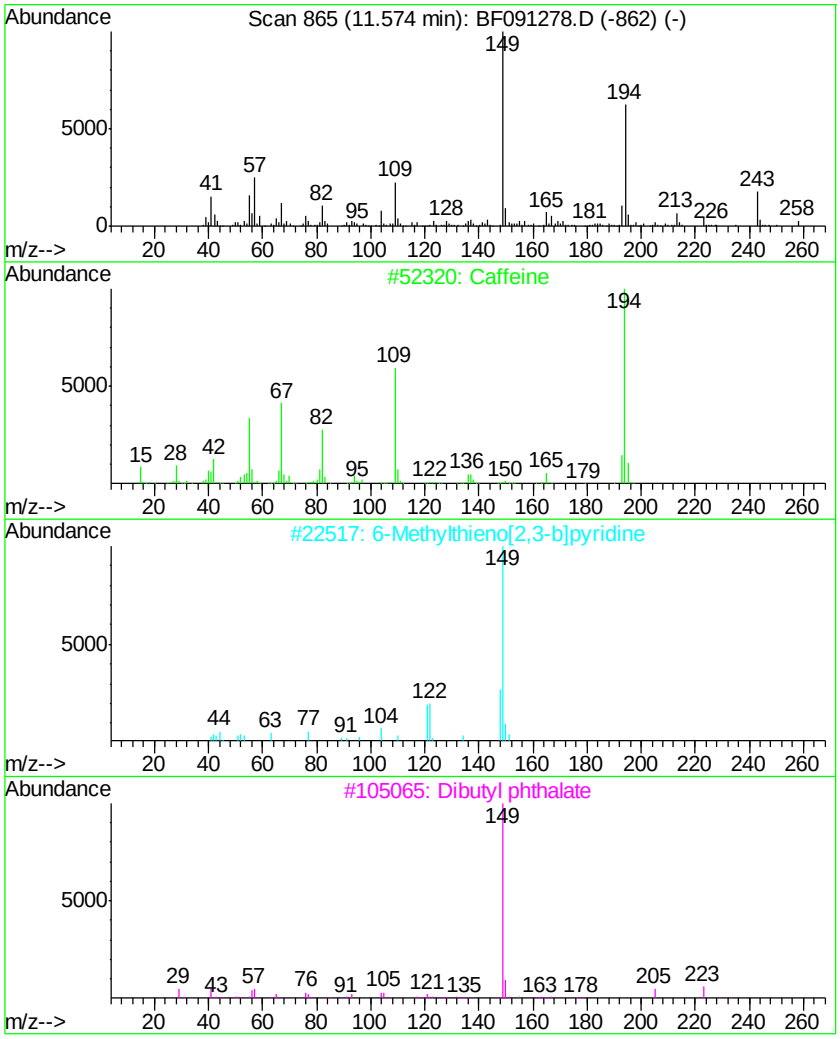
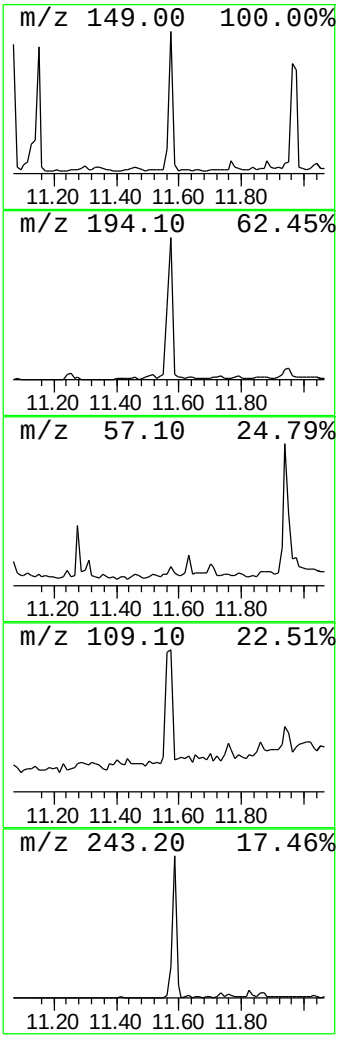
Peak Number 17 unknown11.57 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	5.16 ng	535753	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	47
2	6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	38
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	38
4	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	38
5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	38





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Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
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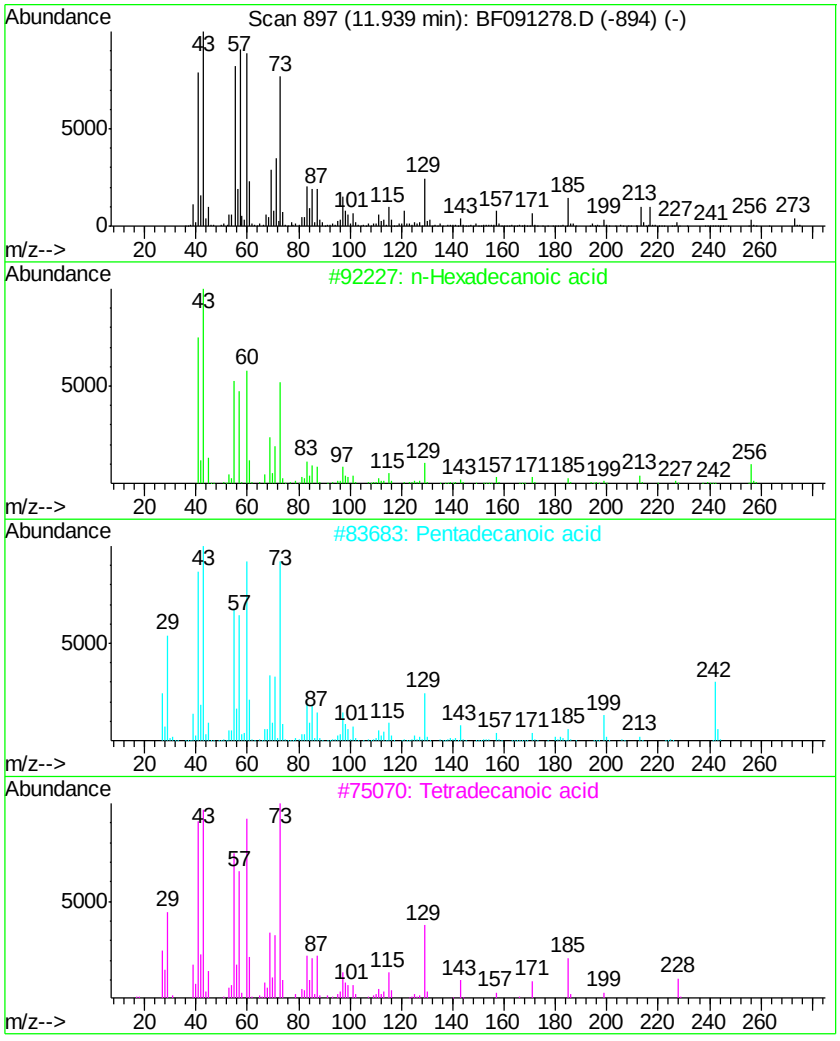
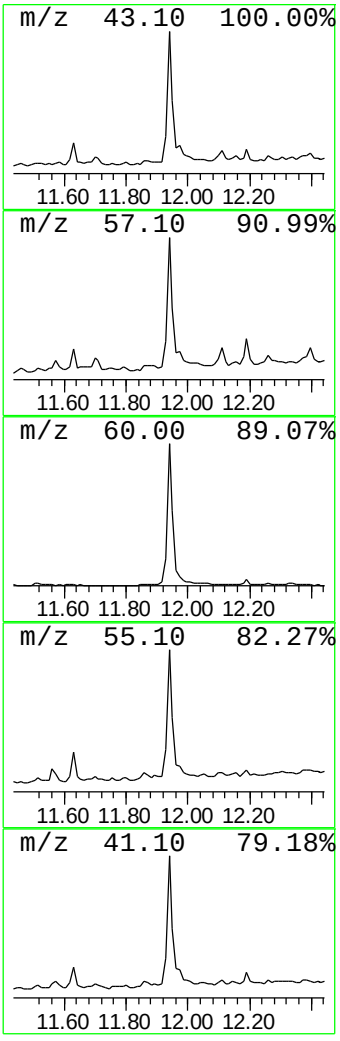
Peak Number 18 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	23.35 ng	2421710	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	70
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Sample : H5696-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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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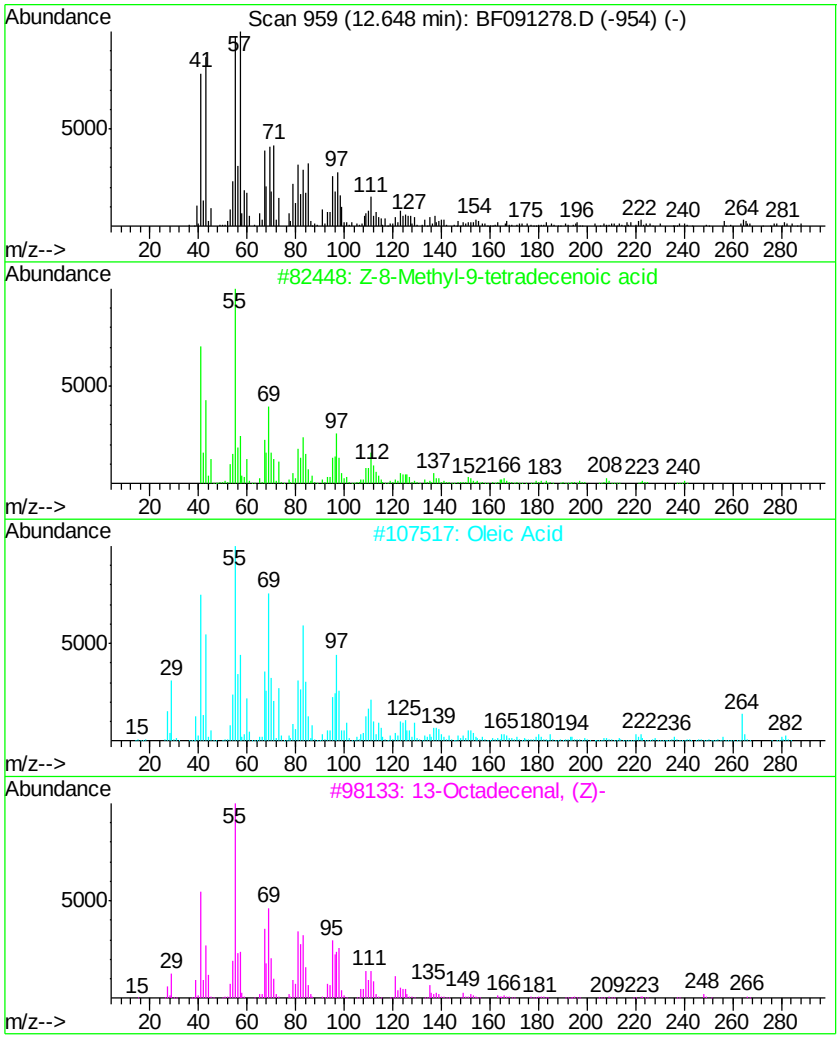
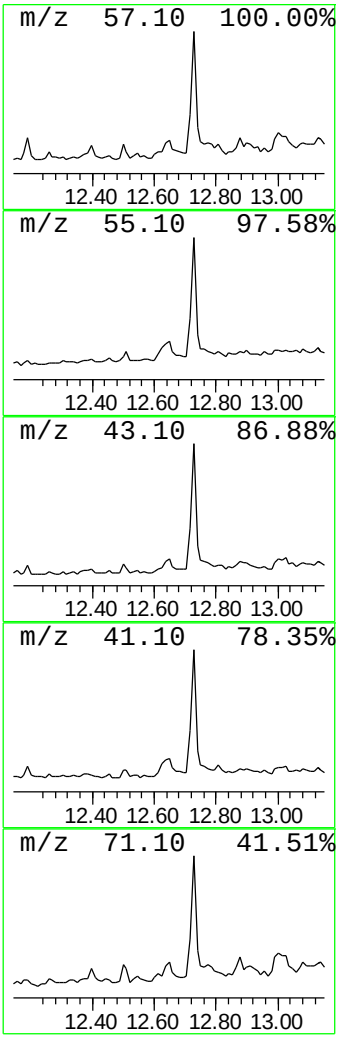
Peak Number 19 Z-8-Methyl-9-tetradecenoic ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.26 ng	960639	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	84
2	Oleic Acid	282	C18H34O2	000112-80-1	74
3	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	66
4	9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	64
5	(S)(+)-Z-13-Methyl-11-pentadecen...	282	C18H34O2	1000130-84-8	46





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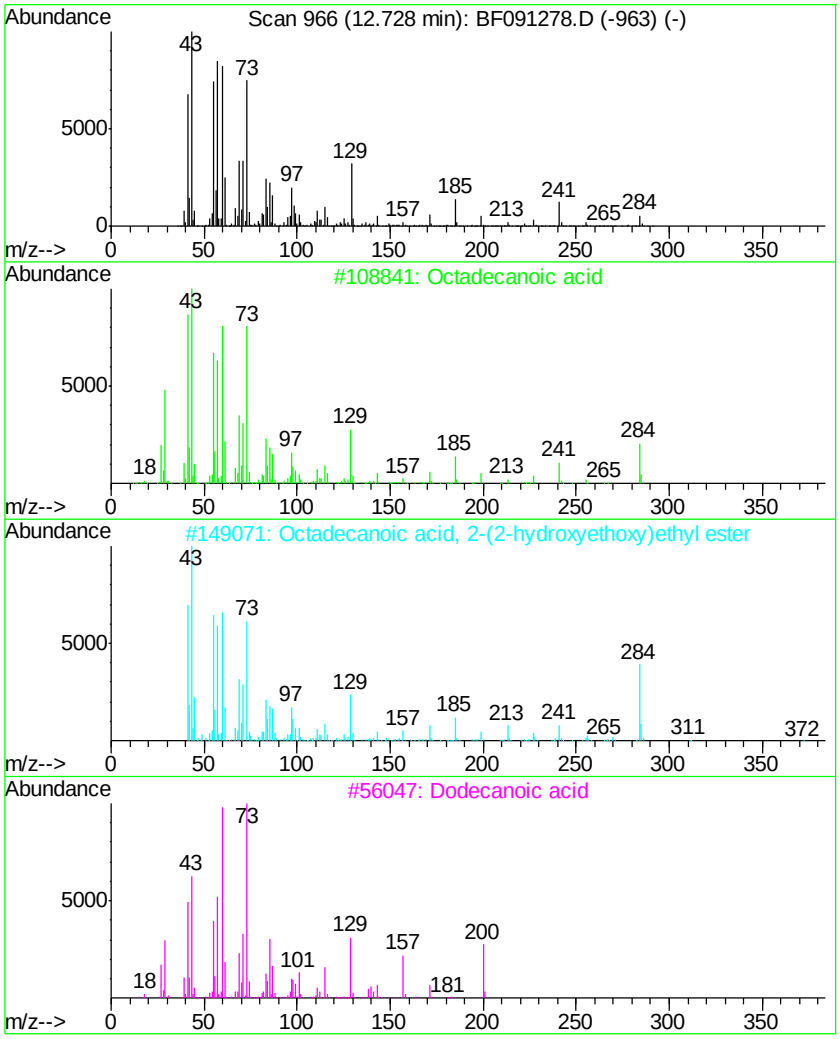
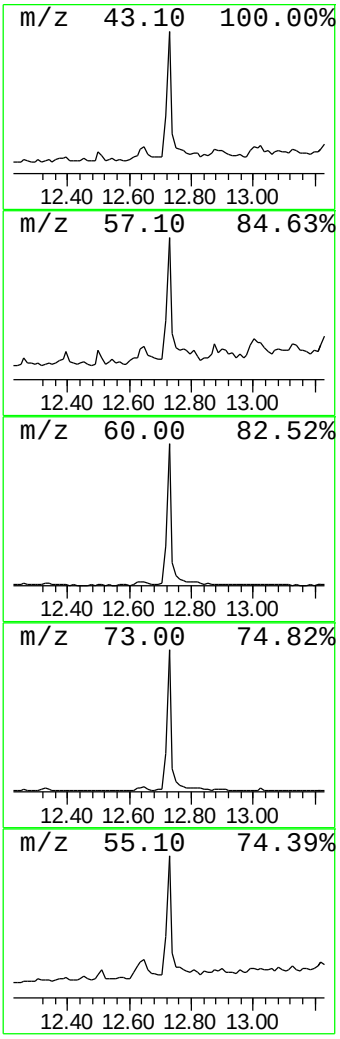
Peak Number 20 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	8.61 ng	2571430	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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...	5.10	120.2	ng	9719470	1	6.88	1617080	20.0
unknown6.64	6.64	21.8	ng	1766180	1	6.88	1617080	20.0
unknown7.52	7.52	5.4	ng	436258	1	6.88	1617080	20.0
Ethanol, 2-(2-but...	8.06	12.4	ng	1214370	2	8.16	1965200	20.0
1-Propanol, 2-(2-...	8.41	10.5	ng	1035820	2	8.16	1965200	20.0
Cyclooctane	8.59	5.8	ng	573038	2	8.16	1965200	20.0
Ethanol, 2-[2-(2-...	8.62	4.5	ng	445236	2	8.16	1965200	20.0
1-Decene	9.74	141.4	ng	16395100	3	9.92	2319230	20.0
Tridecane, 2-methyl-	10.83	4.5	ng	462361	4	11.40	2074720	20.0
3,6,9,12-Tetraoxa...	11.02	8.6	ng	894610	4	11.40	2074720	20.0
Acetamide, N-(3-m...	11.07	5.0	ng	516766	4	11.40	2074720	20.0
unknown11.57	11.57	5.2	ng	535753	4	11.40	2074720	20.0
n-Hexadecanoic acid	11.94	23.4	ng	2421710	4	11.40	2074720	20.0
Z-8-Methyl-9-tetr...	12.65	9.3	ng	960639	4	11.40	2074720	20.0
Octadecanoic acid	12.73	8.6	ng	2571430	5	14.03	5974490	20.0