LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109184.D
Acq On : 20 Sep 2018 16:25
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUND-WATER

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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	2.713	58	64	69	rVB	18259	29315	2.94%	0.249%
2	4.901	433	436	445	rVB	30701	32287	3.24%	0.274%
3	5.325	504	508	512	rBV	441208	379951	38.07%	3.225%
4	6.319	671	677	679	rBV	11370	14847	1.49%	0.126%
5	6.348	679	682	689	rVB	341187	299784	30.04%	2.544%
6	6.484	701	705	709	rBV	839914	715479	71.69%	6.072%
7	6.719	741	745	748	rBV	487109	381793	38.25%	3.240%
8	6.878	768	772	775	rBV	862777	741579	74.30%	6.294%
9	7.278	835	840	843	rBV	679006	595915	59.71%	5.058%
10	8.001	959	963	966	rBV	637437	515948	51.70%	4.379%
11	8.272	1006	1009	1013	rBV	75965	60665	6.08%	0.515%
12	9.078	1141	1146	1149	rBV	1206054	998042	100.00%	8.471%
13	9.160	1157	1160	1164	rBV3	32928	35927	3.60%	0.305%
14	9.201	1164	1167	1168	rBV3	13927	12364	1.24%	0.105%
15	9.472	1209	1213	1215	rBV	462367	424412	42.52%	3.602%
16	9.489	1215	1216	1219	rVB	49604	31770	3.18%	0.270%
17	9.525	1219	1222	1226	rBV2	51147	65193	6.53%	0.553%
18	9.578	1229	1231	1233	rBV2	28271	23056	2.31%	0.196%
19	9.625	1236	1239	1243	rBV4	90181	153652	15.40%	1.304%
20	9.672	1244	1247	1250	rVB	238625	197031	19.74%	1.672%
21	9.713	1250	1254	1255	rBV2	48828	68928	6.91%	0.585%
22	9.748	1256	1260	1265	rVV	540616	567677	56.88%	4.818%
23	9.801	1267	1269	1274	rBV3	56359	84751	8.49%	0.719%
24	9.919	1287	1289	1291	rBV2	45438	47478	4.76%	0.403%
25	10.019	1304	1306	1309	rBV2	119694	116146	11.64%	0.986%
26	10.095	1317	1319	1321	rVB2	89254	64300	6.44%	0.546%
27	10.130	1322	1325	1327	rBV3	84381	85743	8.59%	0.728%
28	10.166	1328	1331	1334	rBV2	182174	175506	17.59%	1.490%
29	10.536	1390	1394	1397	rBV	544455	531152	53.22%	4.508%
30	10.683	1417	1419	1423	rVB	252621	247183	24.77%	2.098%
31	11.148	1496	1498	1502	rVB	194865	194871	19.53%	1.654%
32	11.230	1509	1512	1515	rBV	490178	423905	42.47%	3.598%
33	11.777	1602	1605	1610	rBV2	324136	304638	30.52%	2.586%
34	12.813	1778	1781	1787	rVB	789811	706696	70.81%	5.998%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4979-04
Misc :
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Instrument : BNA_F
ClientSampleId : GROUND-WATER

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.724	1933	1936	1942	rVB	125846	148831	14.91%	1.263%
36	13.854	1955	1958	1961	rVB	379108	294711	29.53%	2.501%
37	14.342	2039	2041	2044	rBV	30647	28126	2.82%	0.239%
38	14.495	2063	2067	2072	rVB	1073514	949927	95.18%	8.062%
39	14.636	2088	2091	2098	rVB	63422	77082	7.72%	0.654%
40	14.707	2099	2103	2106	rVB	94539	103769	10.40%	0.881%
41	14.954	2141	2145	2149	rVB	76200	74973	7.51%	0.636%
42	15.260	2192	2197	2201	rBV	283539	330025	33.07%	2.801%
43	15.307	2201	2205	2209	rVB	100876	126557	12.68%	1.074%
44	15.712	2267	2274	2280	rBV	83576	126513	12.68%	1.074%
45	15.765	2281	2283	2287	rBV4	10121	15047	1.51%	0.128%
46	16.177	2347	2353	2363	rVB2	51669	96871	9.71%	0.822%
47	16.401	2389	2391	2396	rVB5	15393	20889	2.09%	0.177%
48	16.724	2441	2446	2452	rVB3	20490	39694	3.98%	0.337%
49	18.118	2677	2683	2689	rBV9	8649	21444	2.15%	0.182%

Sum of corrected areas: 11782443

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
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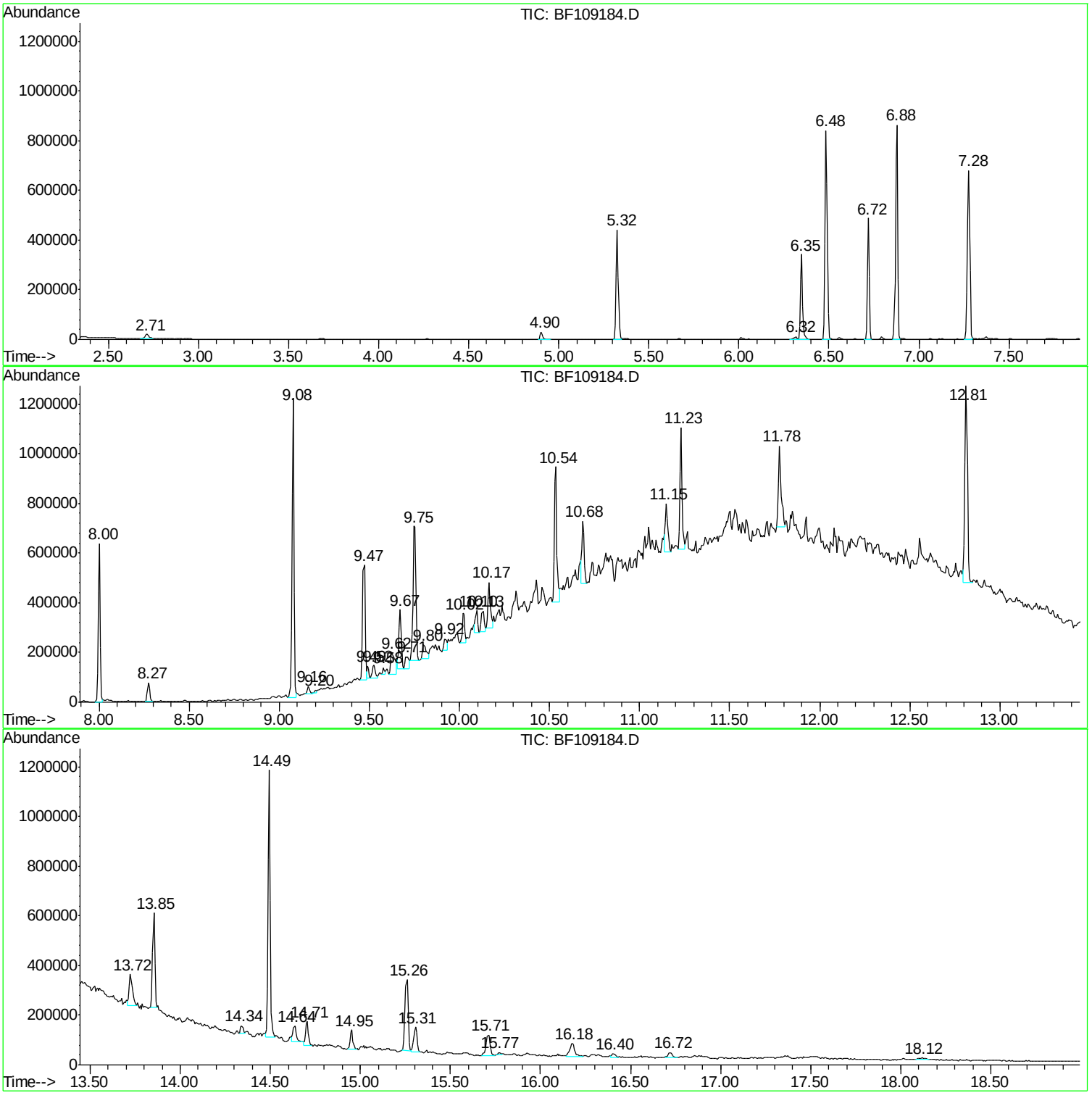
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109184.D
Acq On : 20 Sep 2018 16:25
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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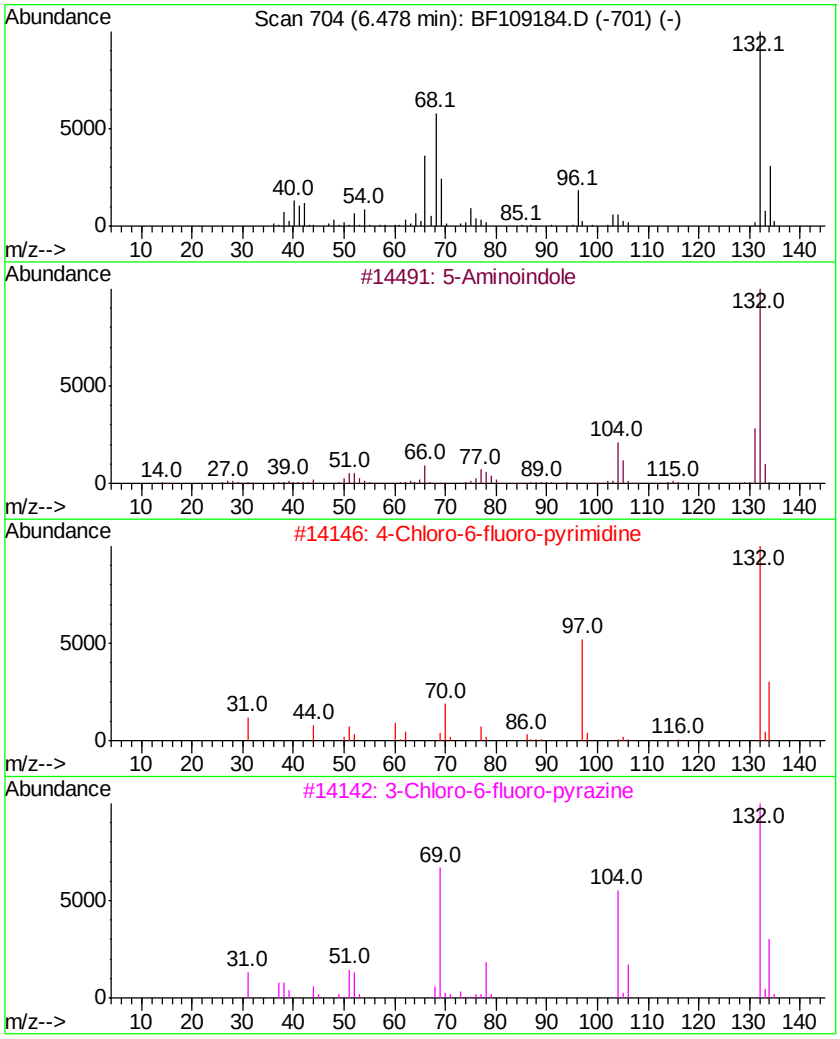
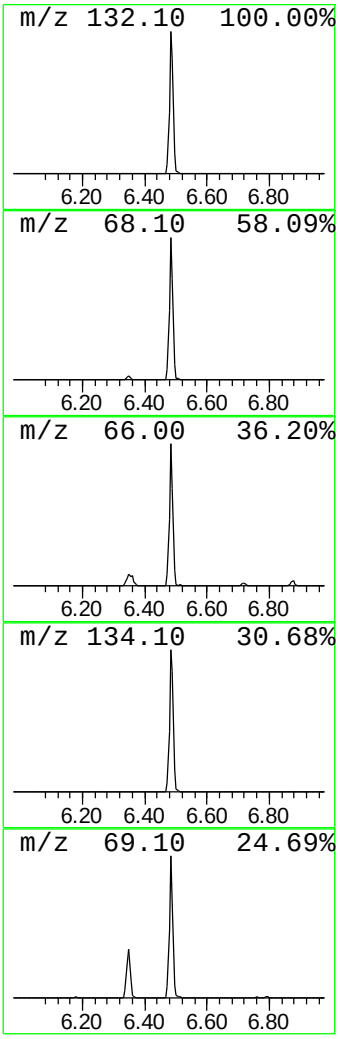
Peak Number 1 unknown6.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	37.48 ng	715479	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	40
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Library Search Compound Report

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Data File : BF109184.D
Acq On : 20 Sep 2018 16:25
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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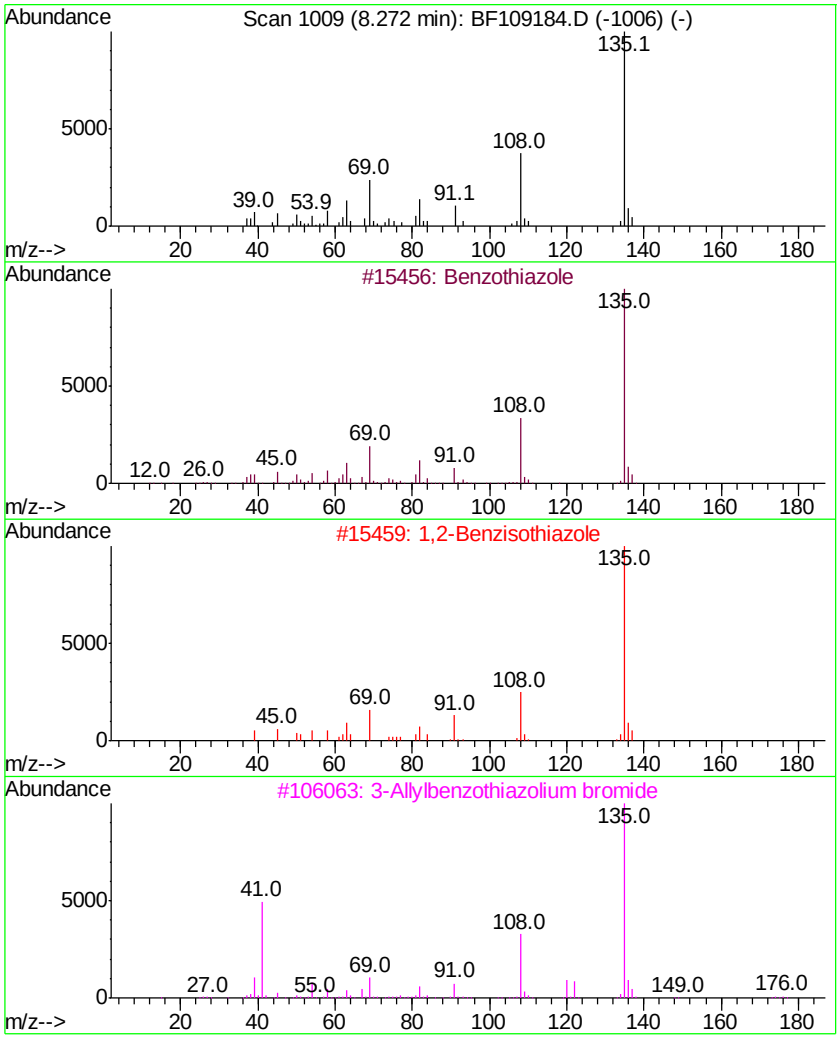
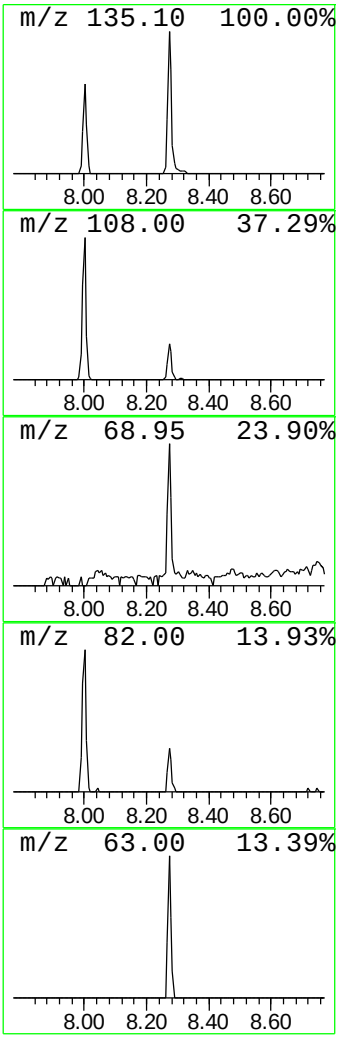
Peak Number 3 Benzothiazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	2.35 ng	60665	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	96
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	90
3	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	72
4	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	64
5	1,2-Benzisoxazol-3(2H)-one	135	C7H5NO2	021725-69-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109184.D
Acq On : 20 Sep 2018 16:25
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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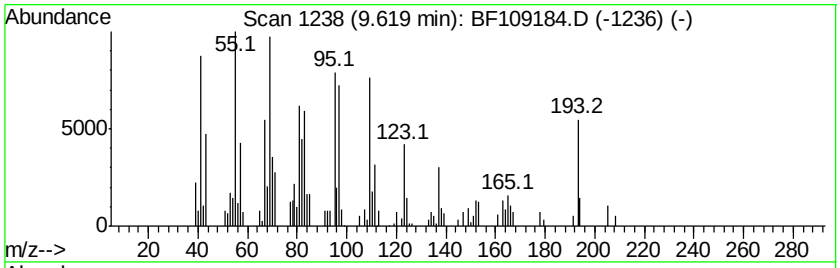
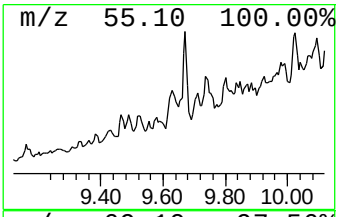
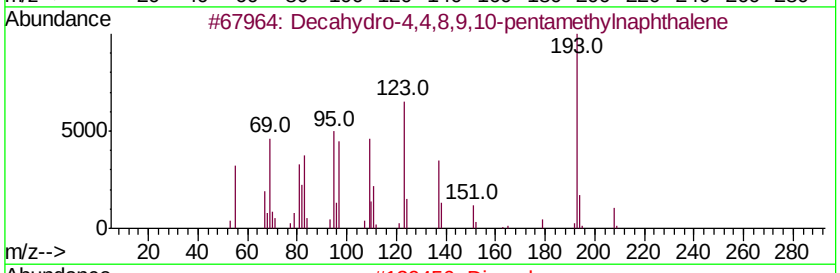
Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 13

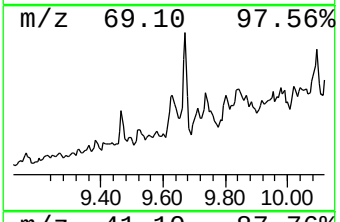
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	5.41 ng	153652	Acenaphthene-d10	9.75

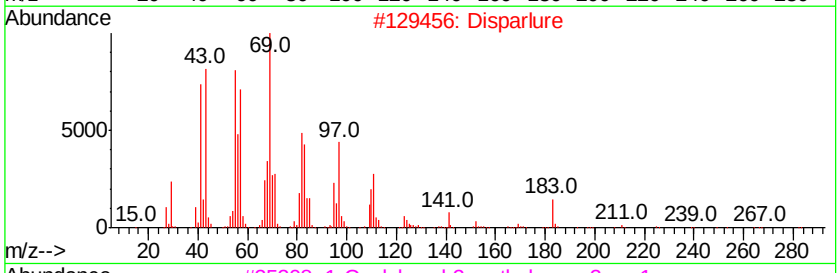
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	Disparlure	282	C19H38O	029804-22-6	47
3	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	43
4	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	30
5	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	25

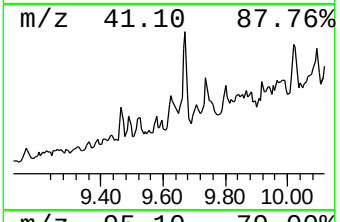


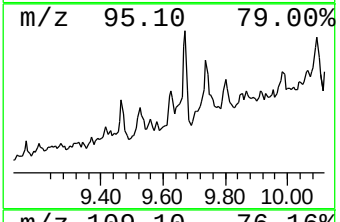


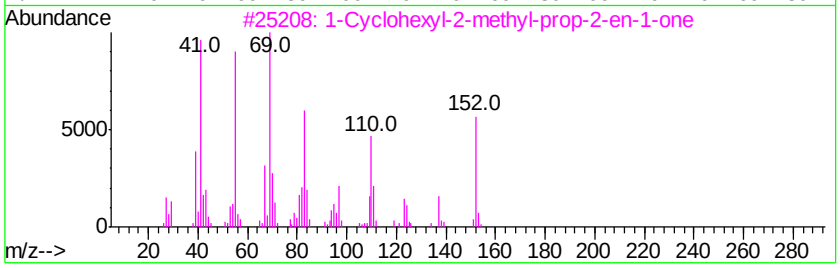


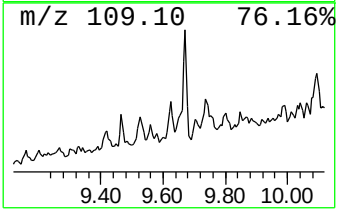












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Sample : J4979-04
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Instrument : BNA_F
ClientSampleId : GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

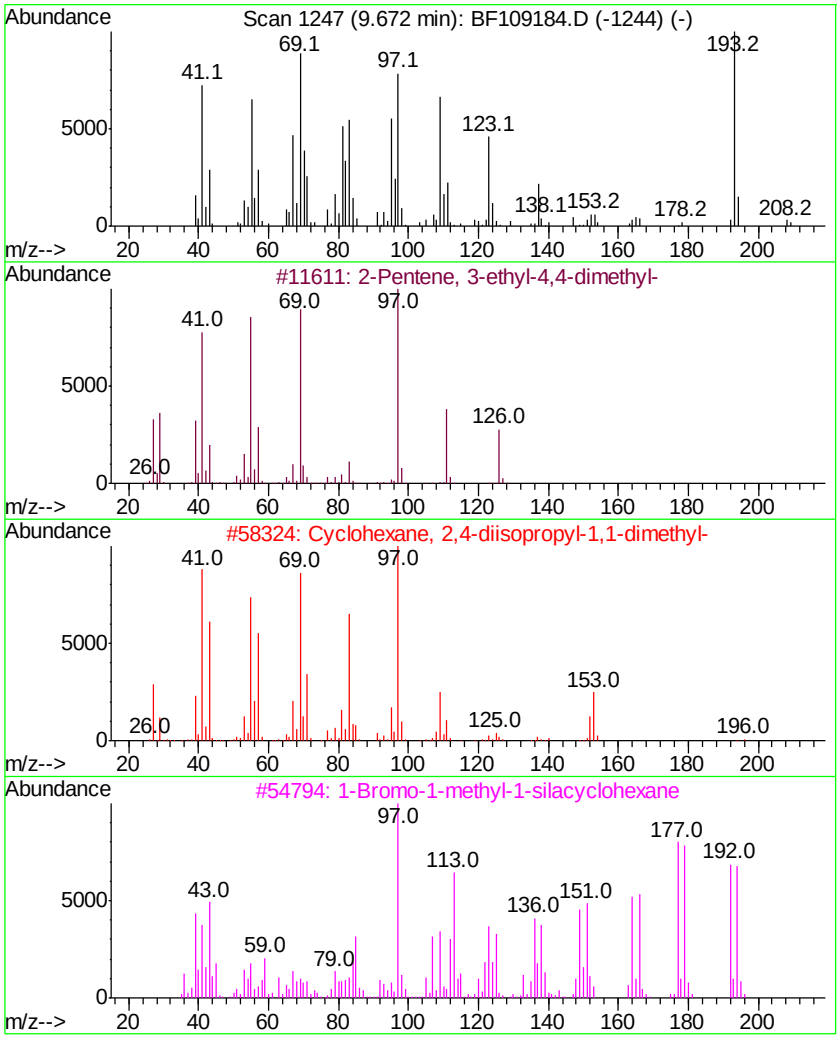
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

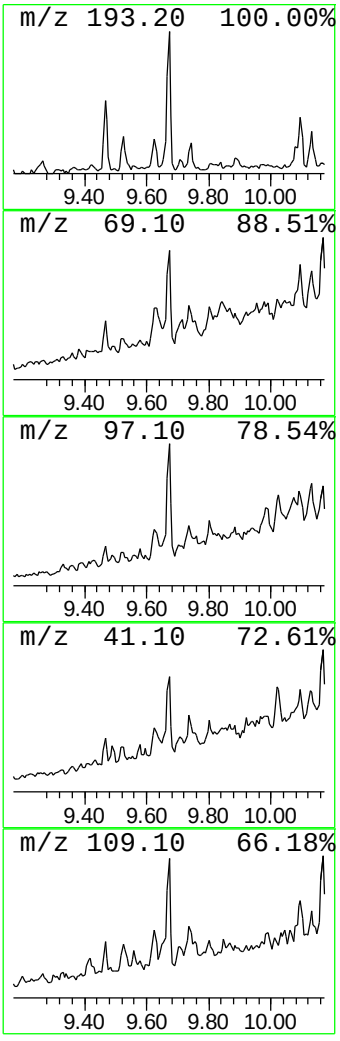
****

Peak Number 5 unknown9.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	6.94 ng	197031	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
2	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	27
3	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	25
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18





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BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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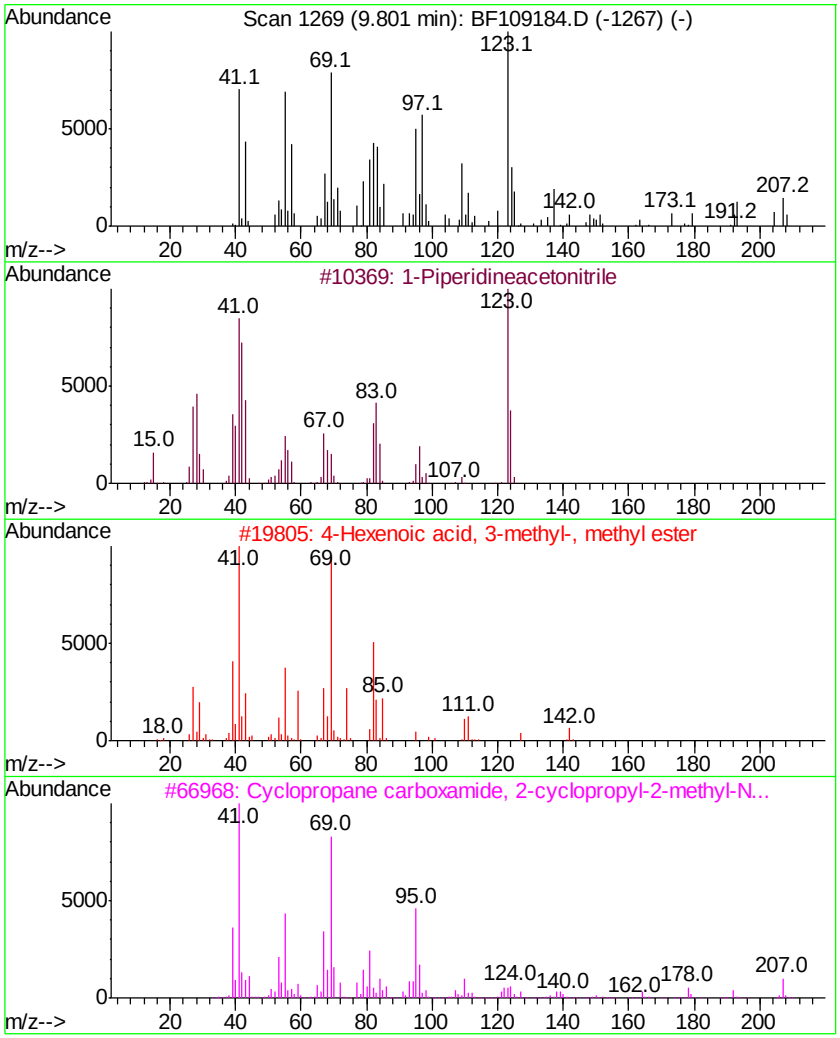
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

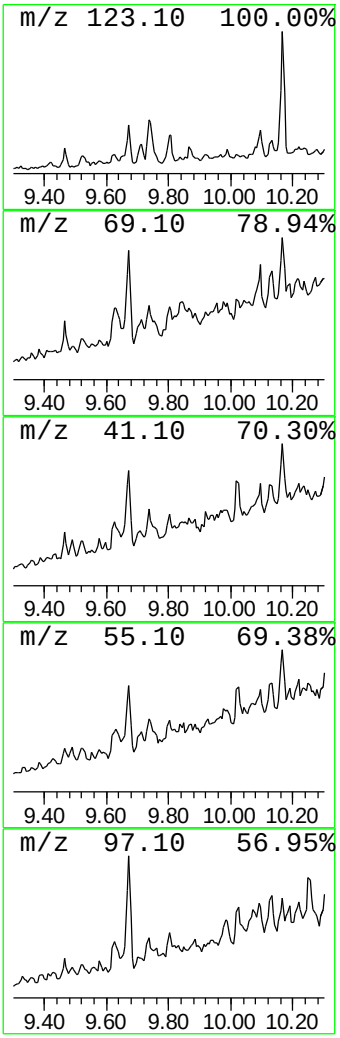
****

Peak Number 6 unknown9.80 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	2.99 ng	84751	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperidineacetonitrile	124	C7H12N2	003010-03-5	35
2	4-Hexenoic acid, 3-methyl-, meth...	142	C8H14O2	054004-27-2	30
3	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	30
4	.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	22
5	3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	000141-10-6	18





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

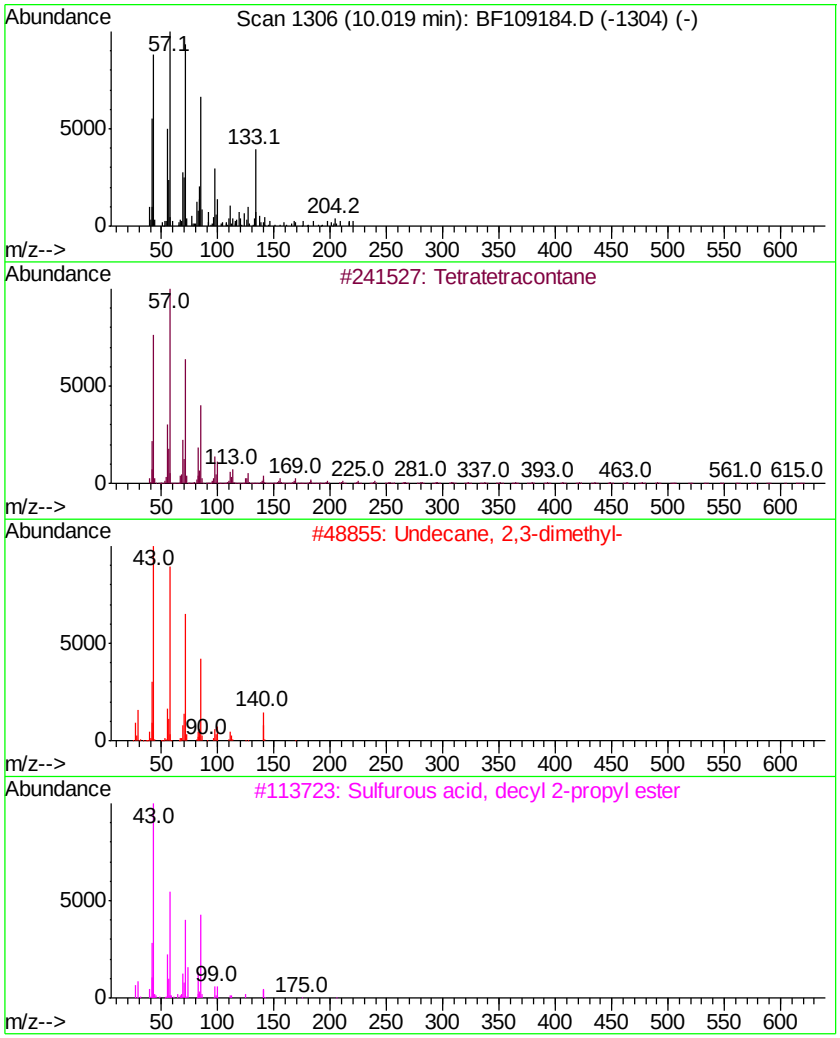
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

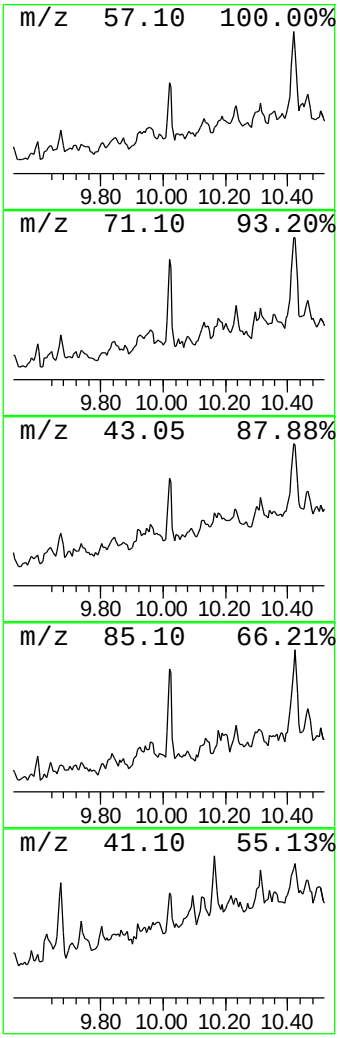
****

Peak Number 7 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.09 ng	116146	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	64
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	50
3	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	49
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	47





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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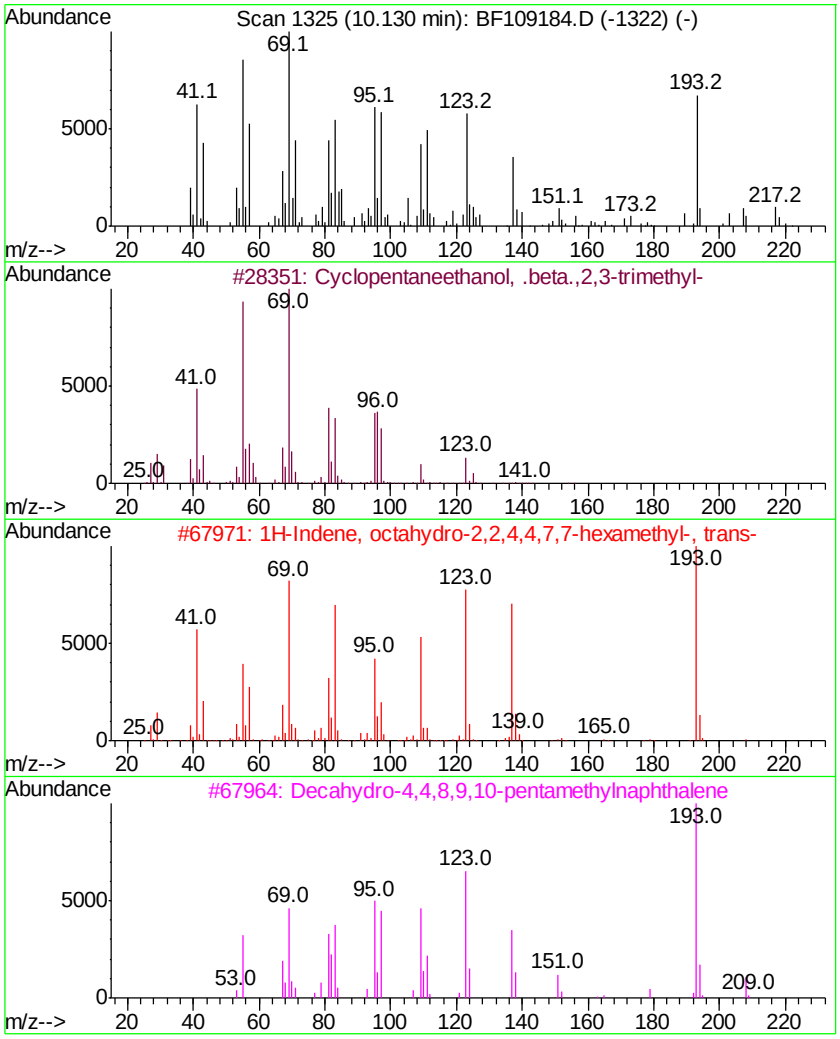
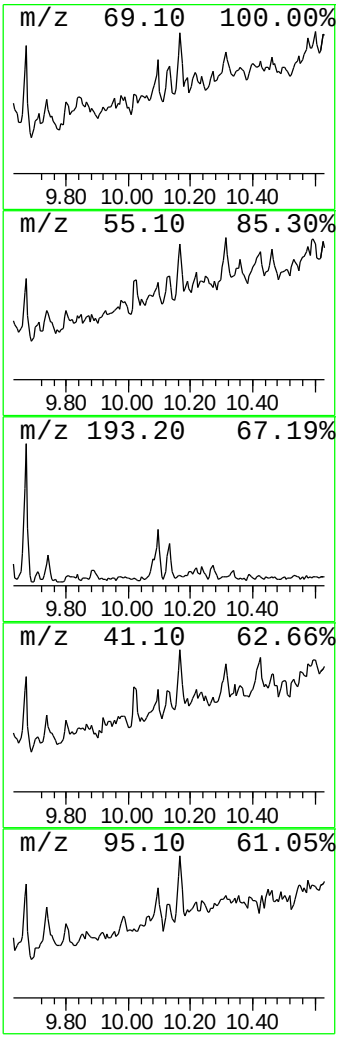
Peak Number 8 unknown10.13 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	3.02 ng	85743	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	47
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30
4	Crotyl methacrylate	140	C8H12O2	007376-45-6	27
5	Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	27





Library Search Compound Report

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Acq On : 20 Sep 2018 16:25
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUND-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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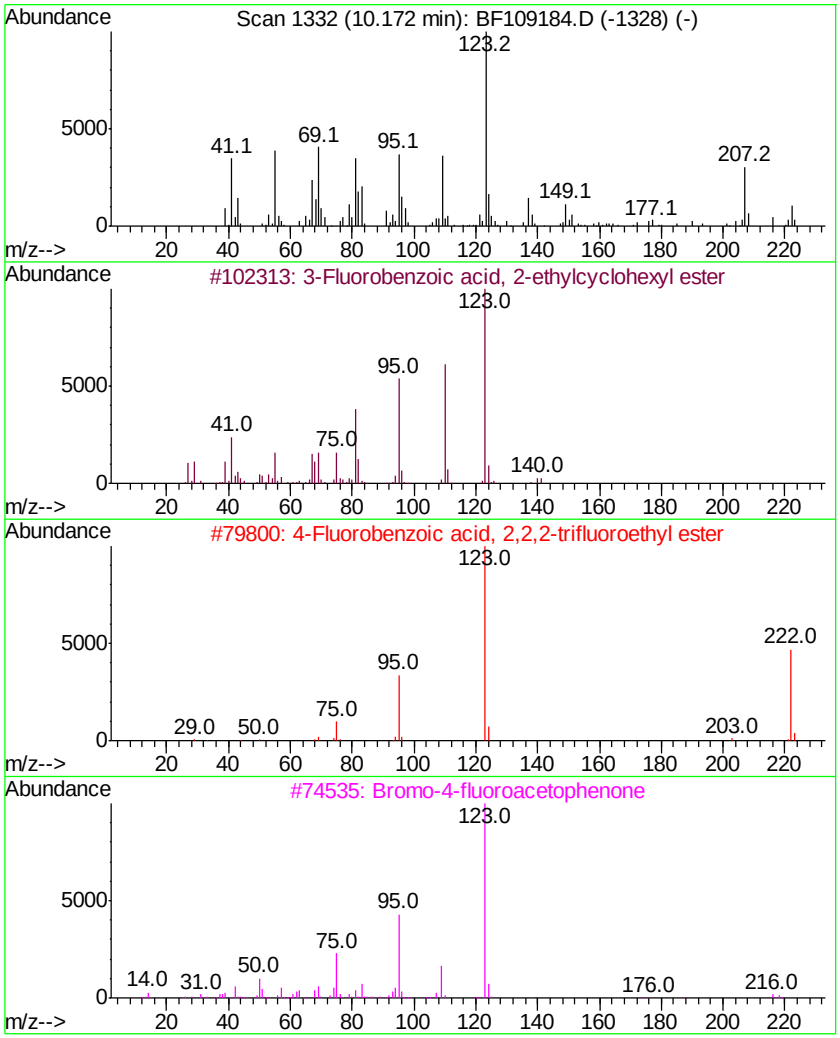
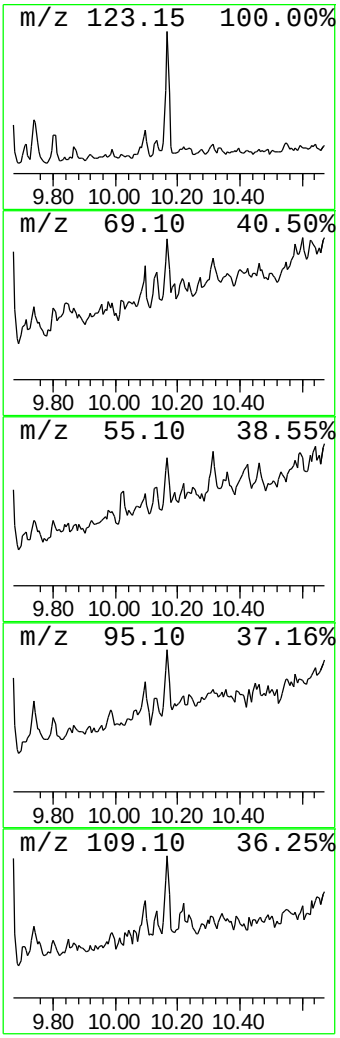
Peak Number 9 unknown10.17 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	6.18 ng	175506	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	47
2	4-Fluorobenzoic acid, 2,2,2-trif...	222	C9H6F4O2	1000325-53-2	47
3	Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	47
4	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	46
5	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	45





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Instrument : BNA_F
ClientSampleId : GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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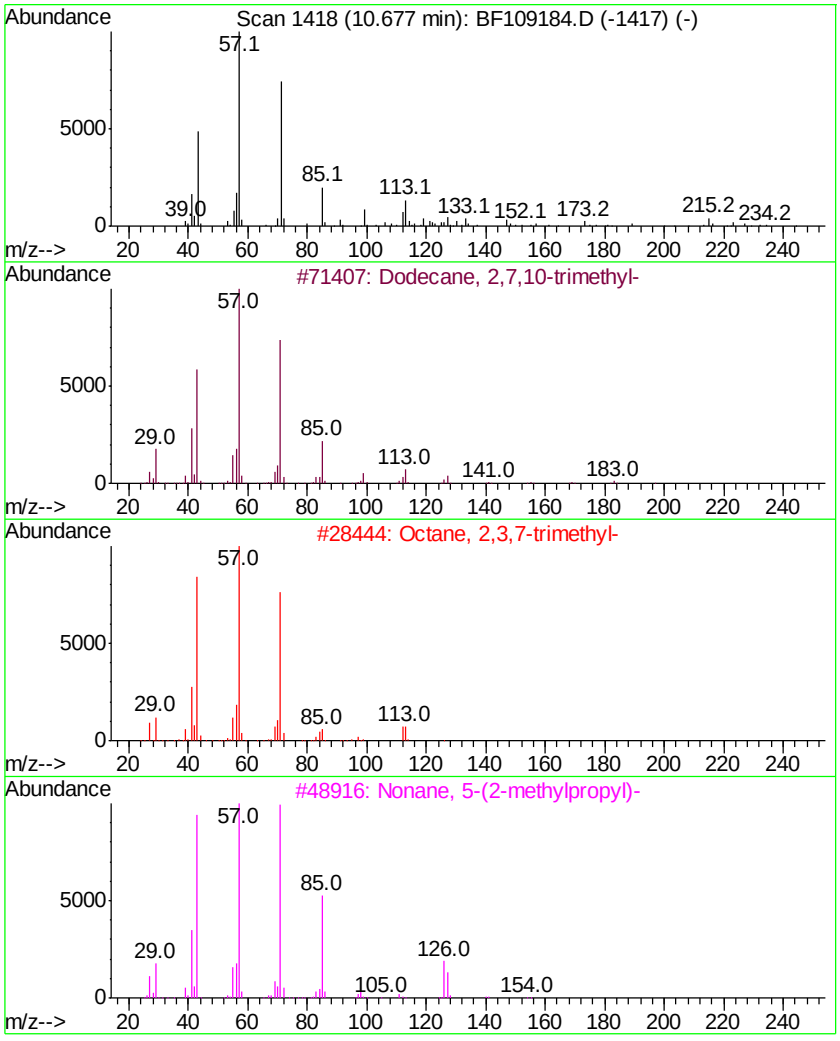
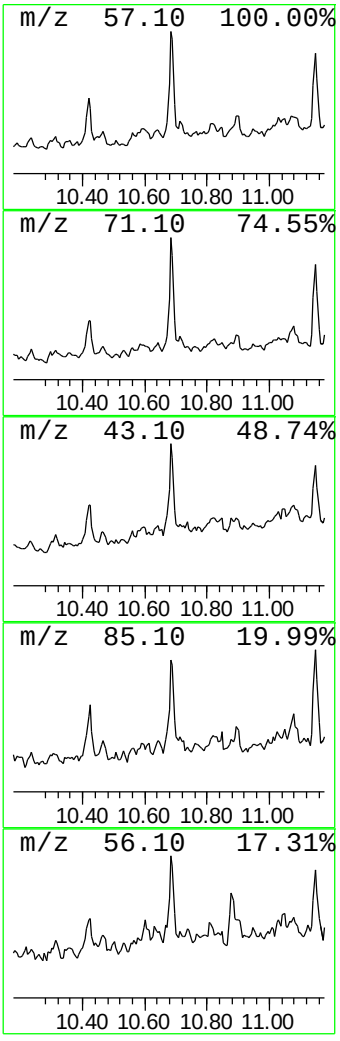
Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	11.66 ng	247183	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
4	Dodecane	170	C12H26	000112-40-3	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	53





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : GROUND-WATER

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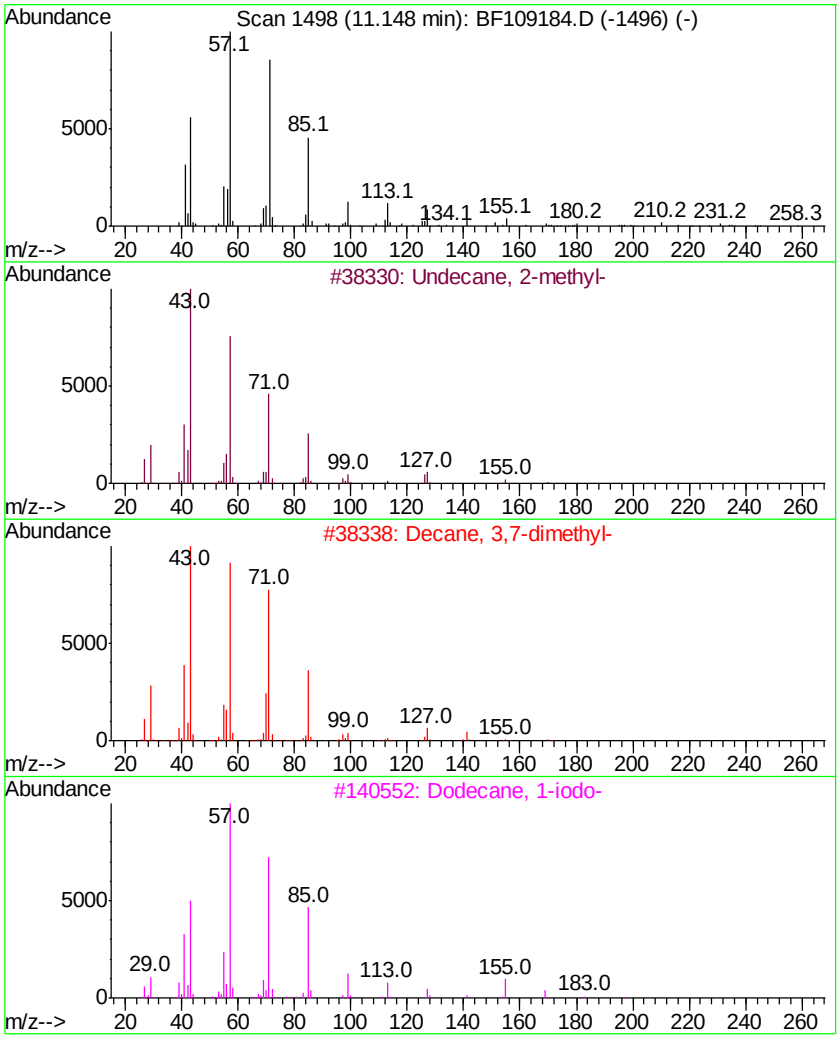
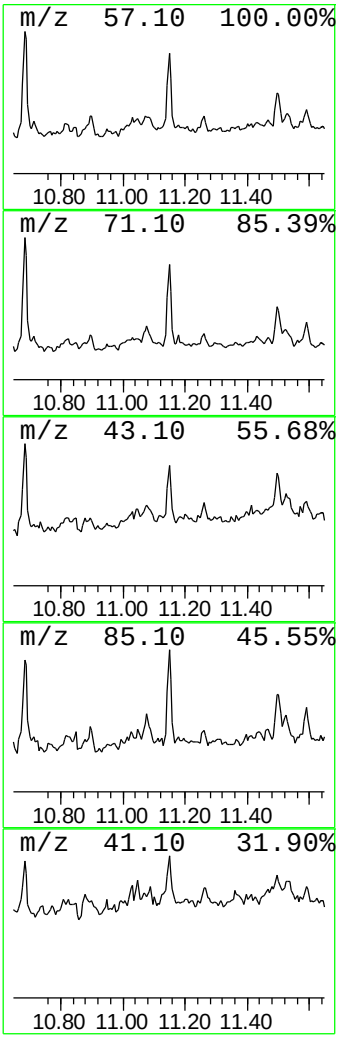
Peak Number 11 Undecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	9.19 ng	194871	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78





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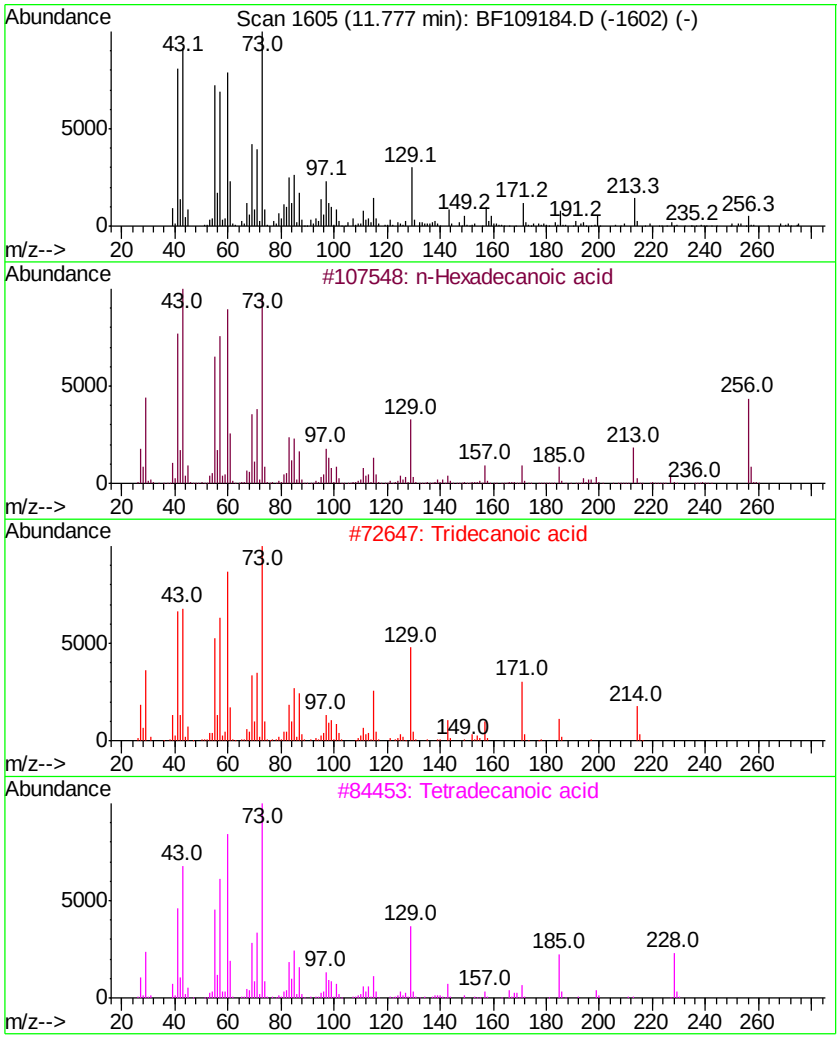
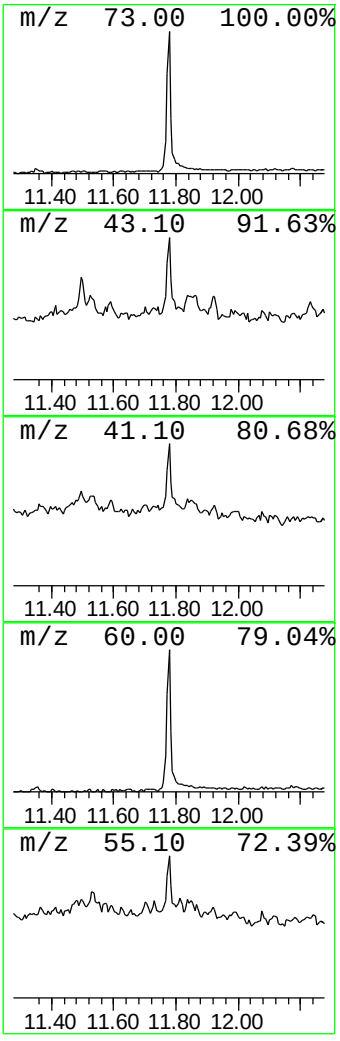
Peak Number 12 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	14.37 ng	304638	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Nonadecane	268	C19H40	000629-92-5	25





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ClientSampleId : GROUND-WATER

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TIC Integration Parameters: LSCINT.P

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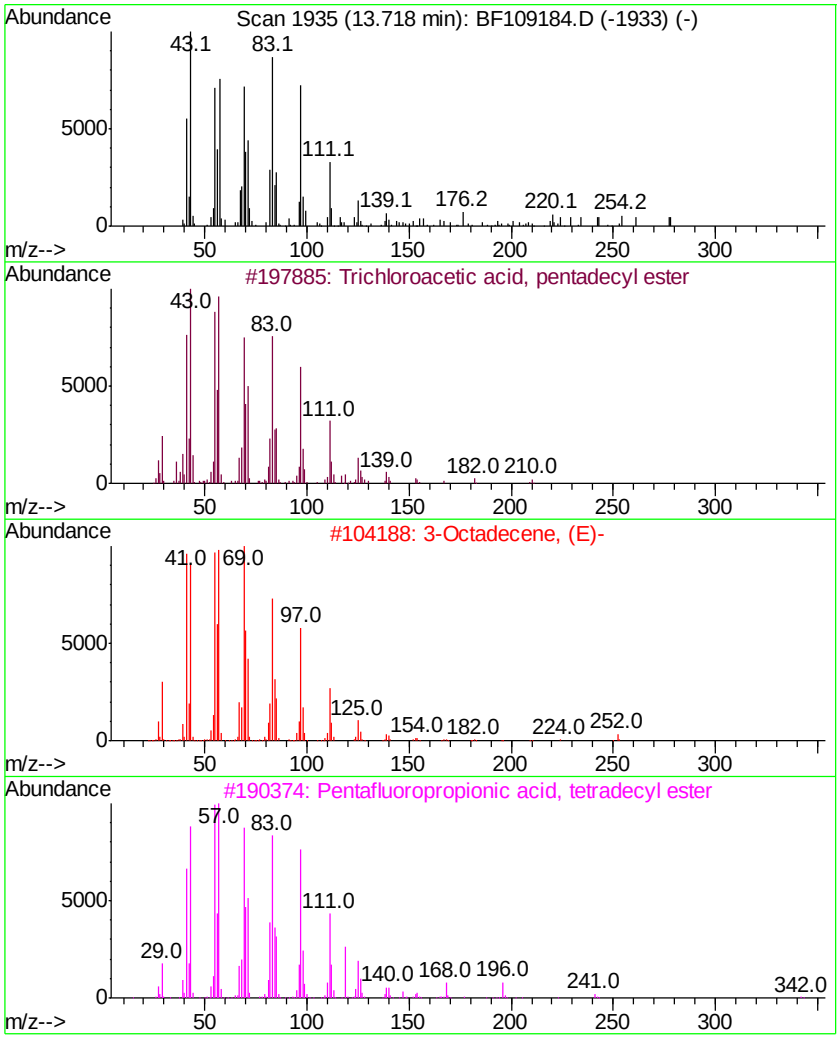
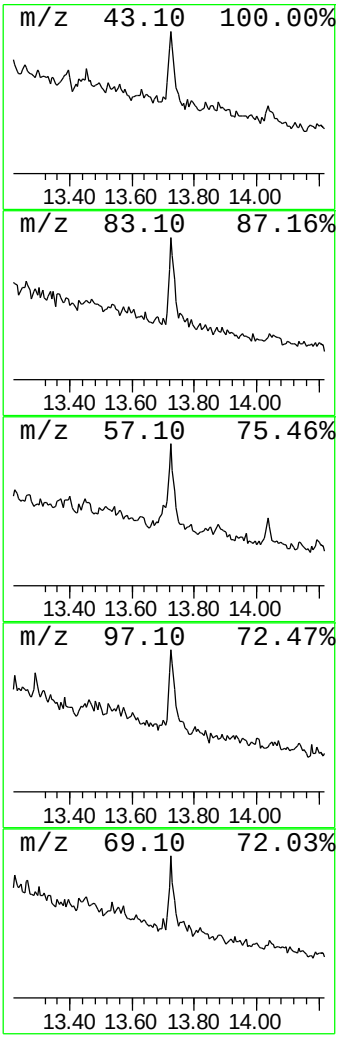
Peak Number 13 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	10.10 ng	148831	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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ClientSampleId : GROUND-WATER

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TIC Library : C:\DATABASE\NIST11.L
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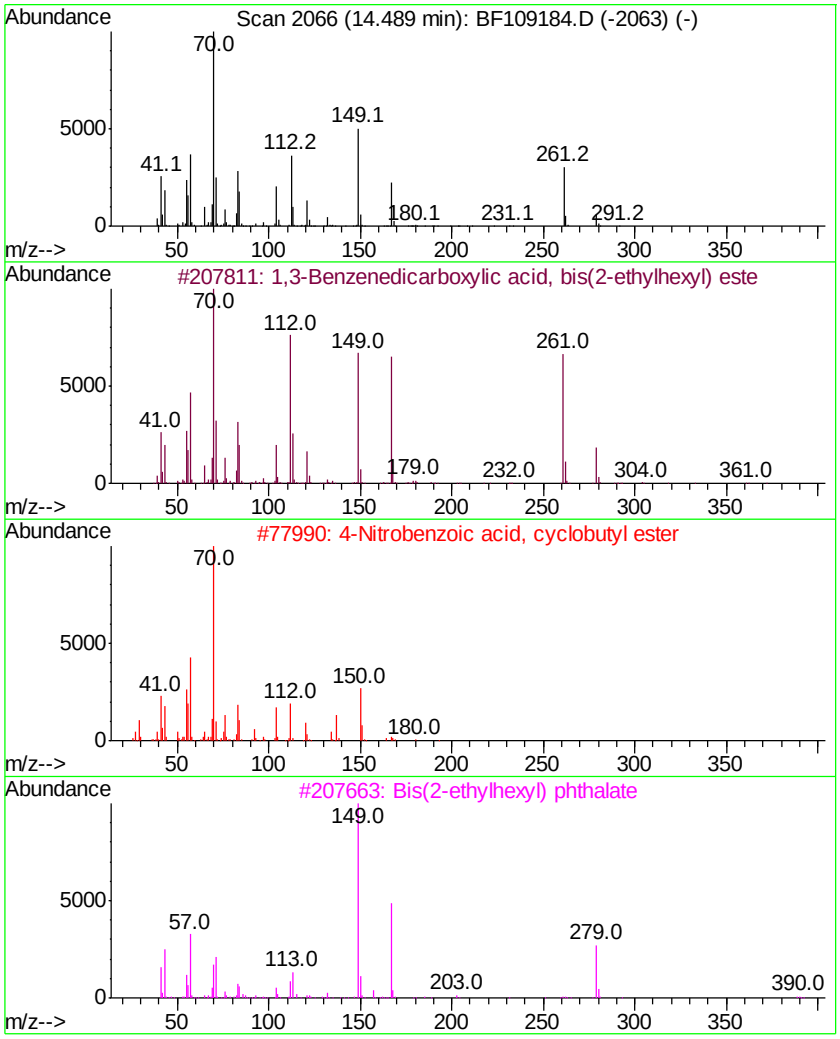
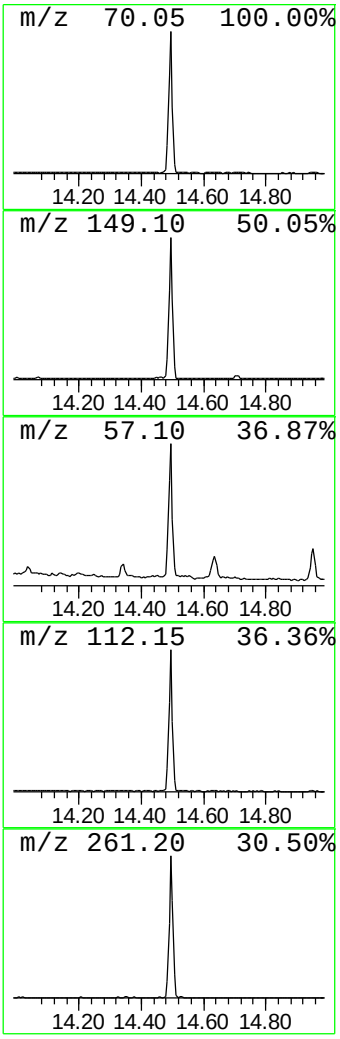
Peak Number 14 unknown14.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	64.47 ng	949927	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
2	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	27
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	25
4	Fumaric acid, 2-ethylhexyl hexyl...	312	C18H32O4	1000339-14-1	22
5	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	16





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ClientSampleId : GROUND-WATER

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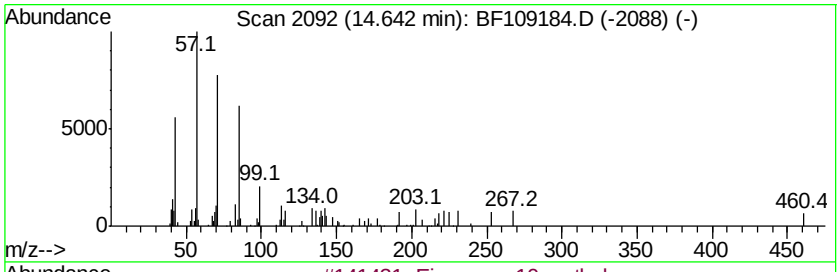
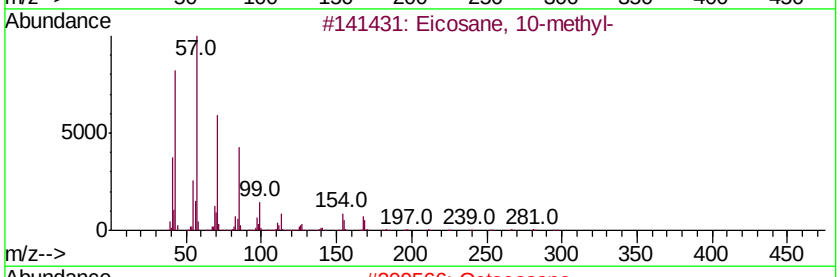
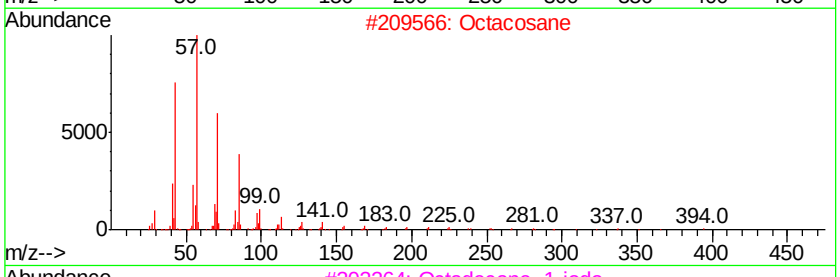
Peak Number 15 Eicosane, 10-methyl- Concentration Rank 14

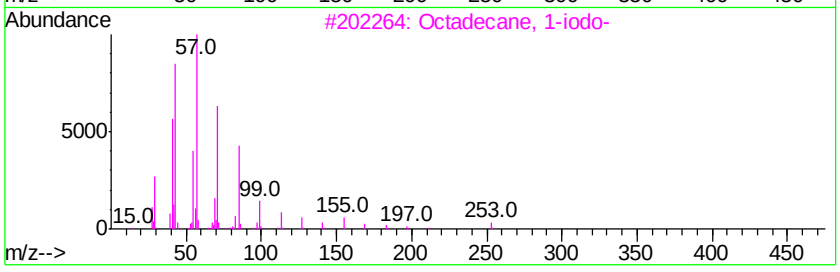
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.67 ng	77082	Perylene-d12	15.26

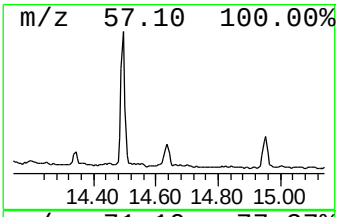
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
2	Octacosane	394	C28H58	000630-02-4	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64
5	Heptacosane	380	C27H56	000593-49-7	58

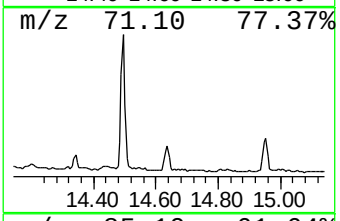


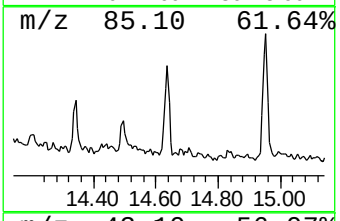


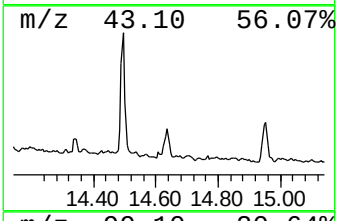


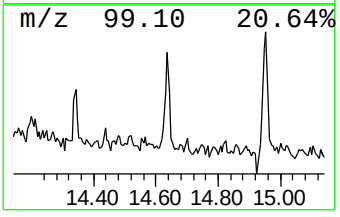












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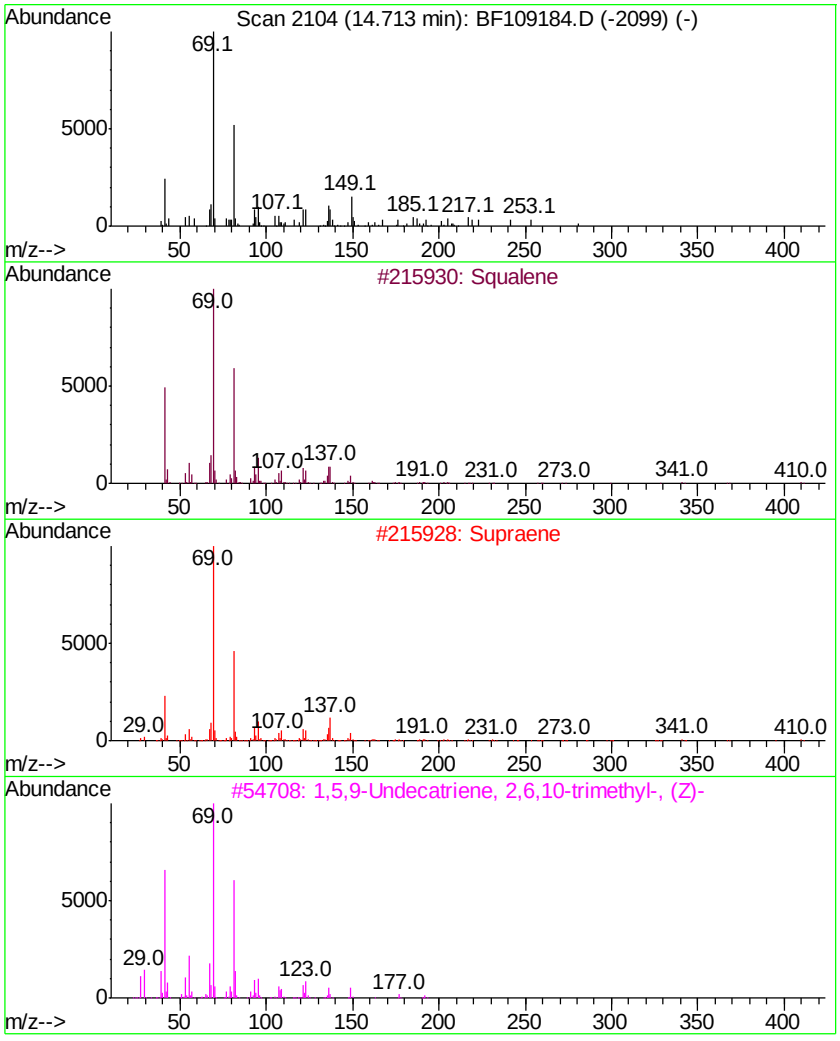
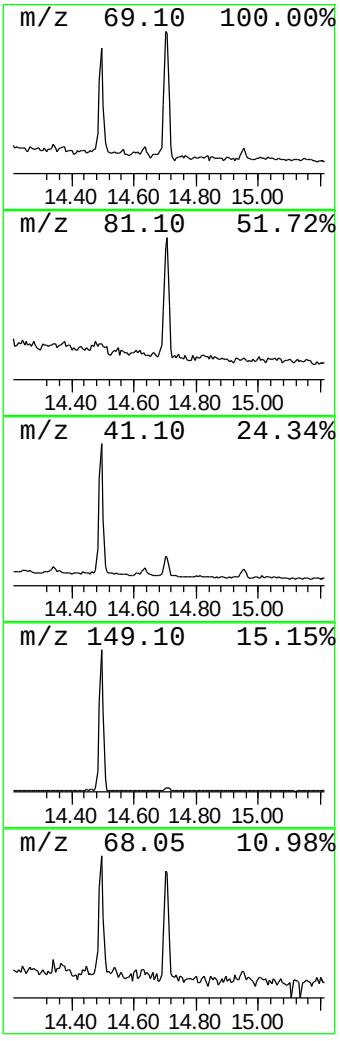
Peak Number 16 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	6.29 ng	103769	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	87
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4	trans-Farnesol	222	C15H26O	000106-28-5	78
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78





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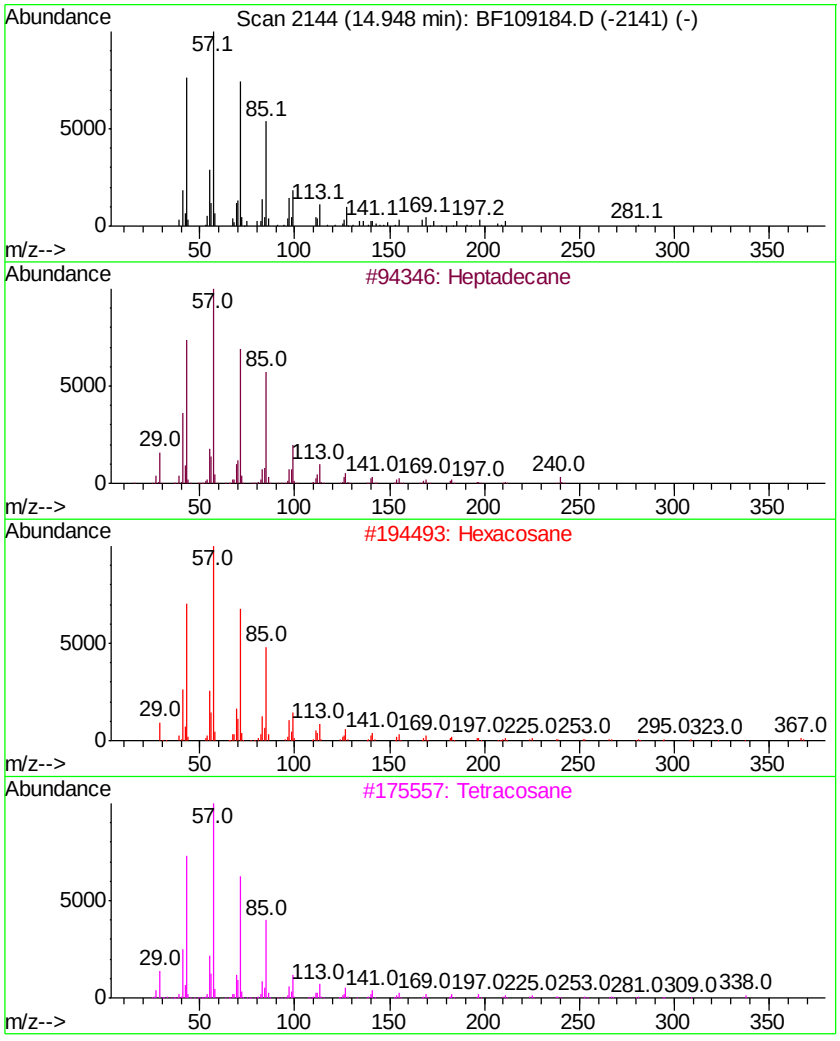
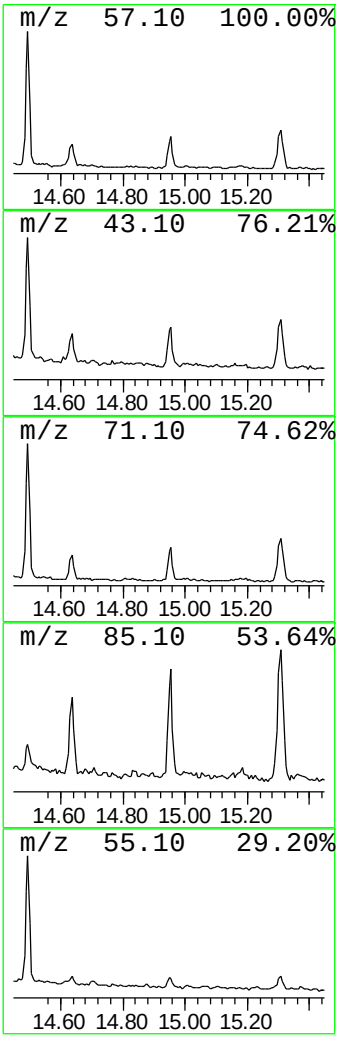
Peak Number 17 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.54 ng	74973	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





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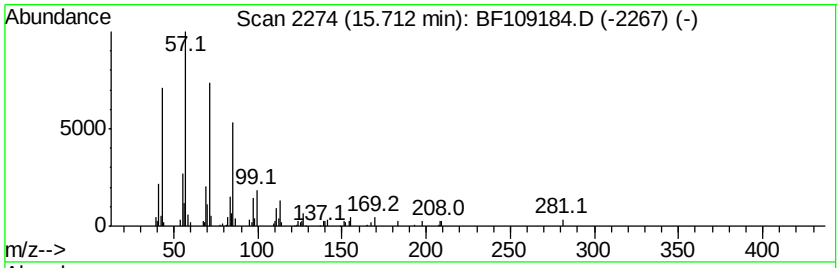
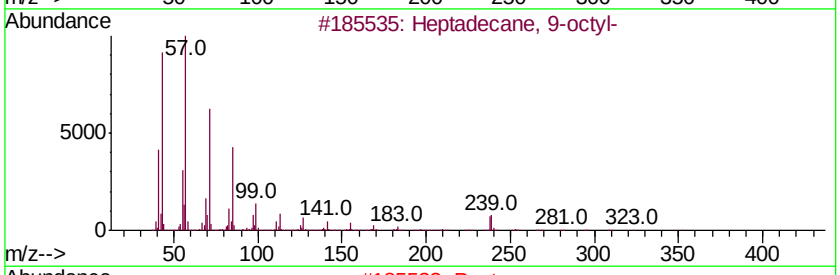
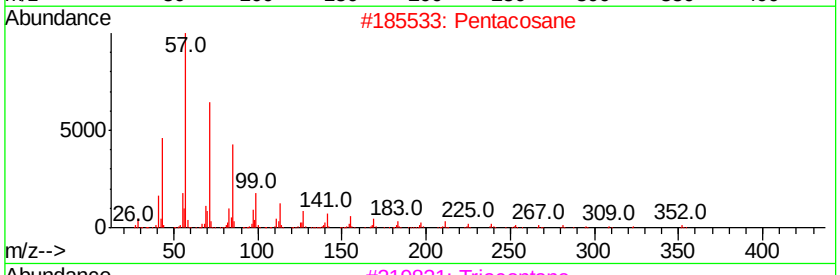
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 8

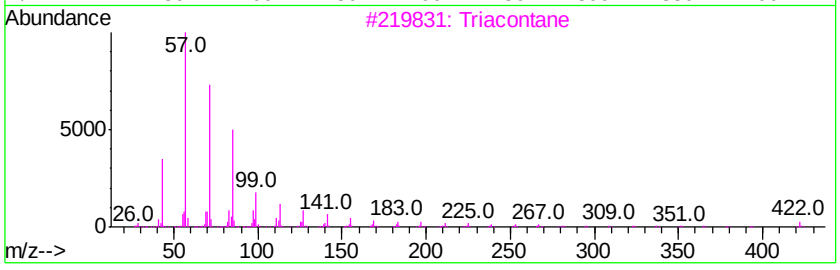
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	7.67 ng	126513	Perylene-d12	15.26

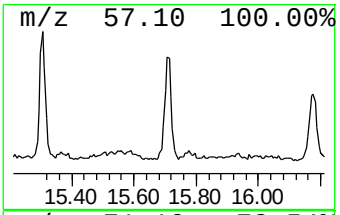
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	87

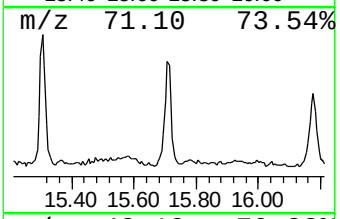


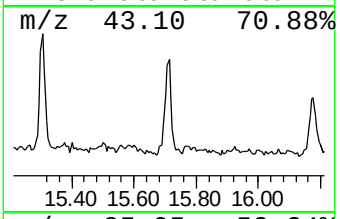


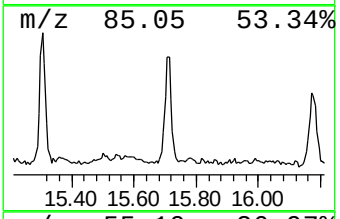


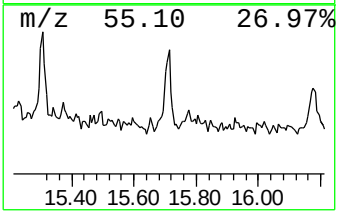












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109184.D
Acq On : 20 Sep 2018 16:25
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

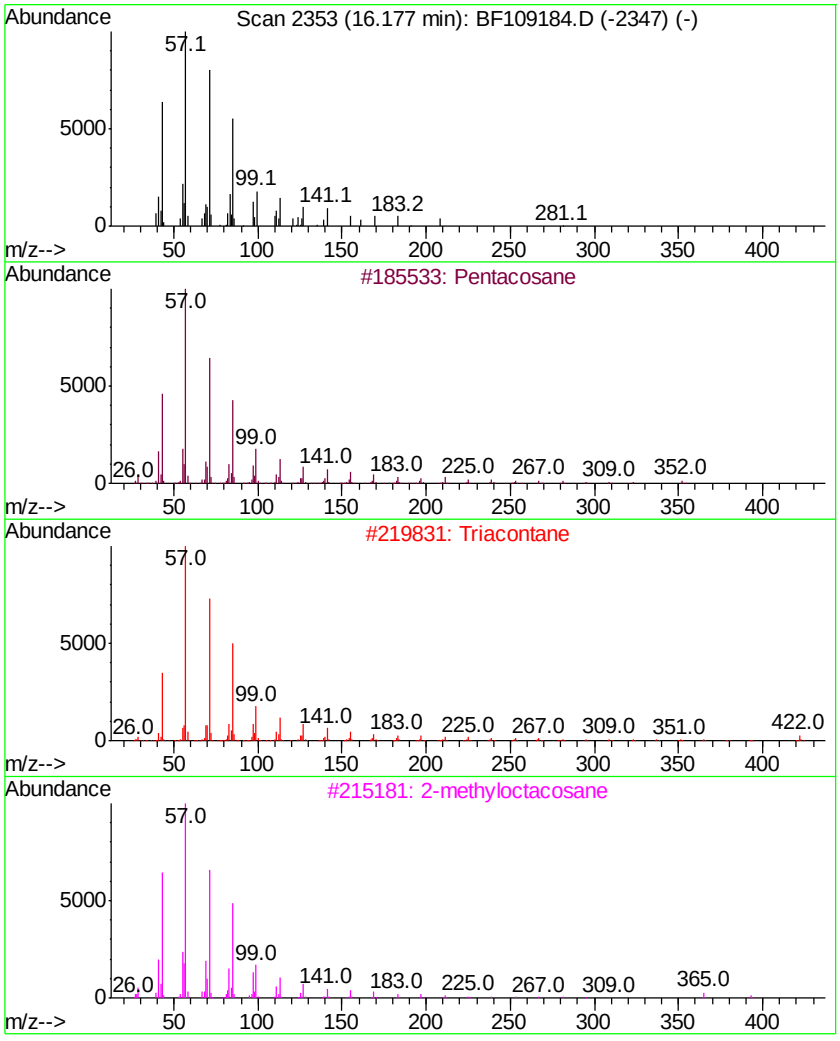
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

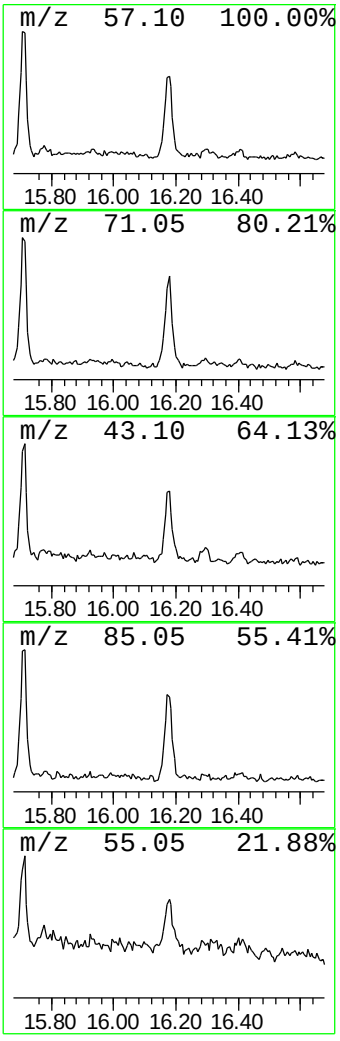
****

Peak Number 19 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	5.87 ng	96871	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109184.D
Acq On : 20 Sep 2018 16:25
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

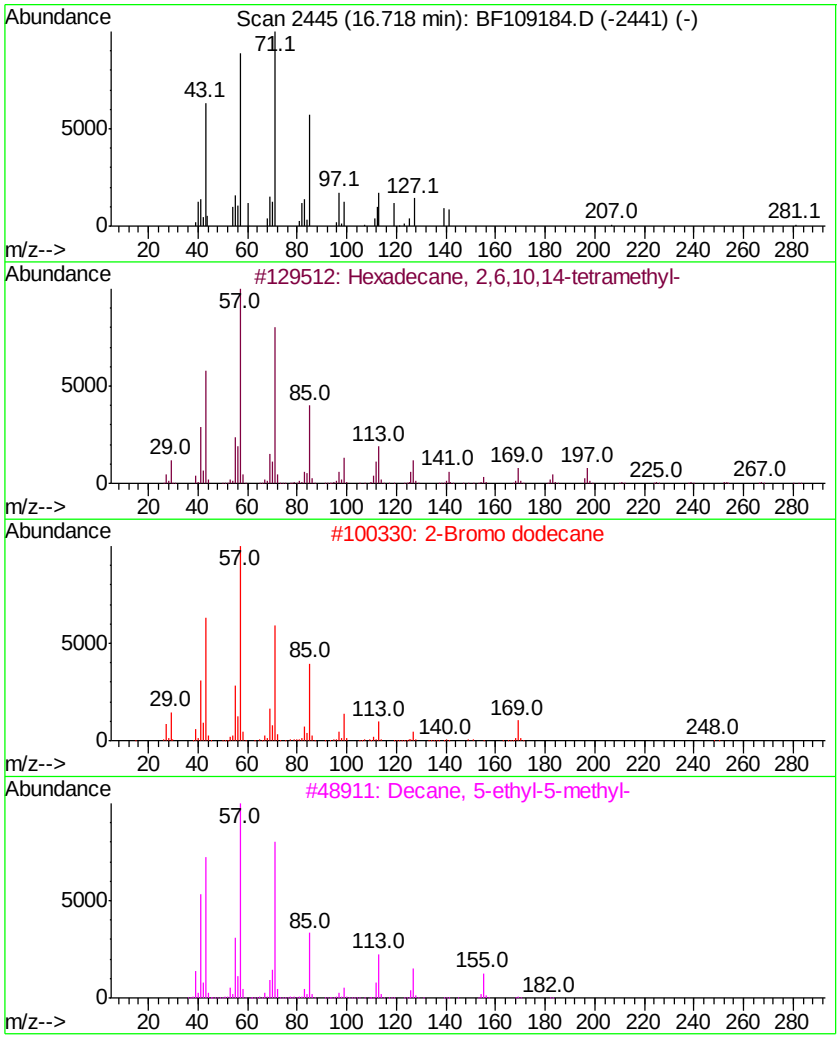
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

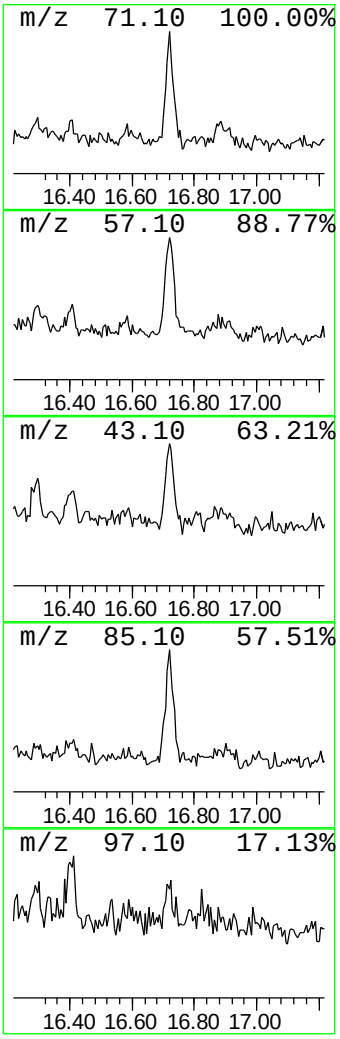
****

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.41 ng	39694	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	50
3	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	50
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092018\
Data File : BF109184.D
Acq On : 20 Sep 2018 16:25
Operator : JU/SJ
Sample : J4979-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.48	6.48	37.5	ng	715479	1	6.72	381793	20.0
Benzothiazole	8.27	2.4	ng	60665	2	8.00	515948	20.0
Decahydro-4,4,8,9...	9.62	5.4	ng	153652	3	9.75	567677	20.0
unknown9.67	9.67	6.9	ng	197031	3	9.75	567677	20.0
unknown9.80	9.80	3.0	ng	84751	3	9.75	567677	20.0
Tetratetracontane	10.02	4.1	ng	116146	3	9.75	567677	20.0
unknown10.13	10.13	3.0	ng	85743	3	9.75	567677	20.0
unknown10.17	10.17	6.2	ng	175506	3	9.75	567677	20.0
Dodecane, 2,7,10-...	10.68	11.7	ng	247183	4	11.23	423905	20.0
Undecane, 2-methyl-	11.15	9.2	ng	194871	4	11.23	423905	20.0
n-Hexadecanoic acid	11.78	14.4	ng	304638	4	11.23	423905	20.0
Trichloroacetic a...	13.72	10.1	ng	148831	5	13.85	294711	20.0
unknown14.49	14.49	64.5	ng	949927	5	13.85	294711	20.0
Eicosane, 10-methyl-	14.64	4.7	ng	77082	6	15.26	330025	20.0
Squalene	14.71	6.3	ng	103769	6	15.26	330025	20.0
Heptadecane	14.95	4.5	ng	74973	6	15.26	330025	20.0
Heptadecane, 9-oc...	15.71	7.7	ng	126513	6	15.26	330025	20.0
Pentacosane	16.18	5.9	ng	96871	6	15.26	330025	20.0
Hexadecane, 2,6,1...	16.72	2.4	ng	39694	6	15.26	330025	20.0