

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028795.D
 Acq On : 18 Sep 2017 15:02
 Operator : SJ/JU
 Sample : I5251-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 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_G\METHODS\8270-BG091217.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	5.394	302	307	313	rBV	32976	50479	1.50%	0.388%
2	5.858	379	386	399	rVB	248494	420697	12.53%	3.234%
3	7.439	646	655	670	rBV	159803	309765	9.23%	2.381%
4	7.821	712	720	731	rBV	361076	624738	18.61%	4.802%
5	8.285	793	799	805	rBV	118859	213954	6.37%	1.645%
6	8.614	847	855	863	rVB	396296	698528	20.81%	5.370%
7	9.460	991	999	1010	rBV	338473	623427	18.57%	4.792%
8	10.852	1230	1236	1246	rBV2	55874	118931	3.54%	0.914%
9	11.111	1272	1280	1289	rBV	152909	293269	8.74%	2.254%
10	11.610	1358	1365	1370	rBV	194159	313551	9.34%	2.410%
11	11.669	1370	1375	1388	rVB	222111	378792	11.28%	2.912%
12	11.881	1405	1411	1419	rBV2	83004	151454	4.51%	1.164%
13	13.526	1684	1691	1700	rBV	1029328	1601629	47.71%	12.312%
14	14.906	1920	1926	1937	rVB2	272856	463478	13.81%	3.563%
15	16.399	2173	2180	2189	rBV	647790	1050944	31.31%	8.079%
16	17.656	2385	2394	2405	rBV	419546	677616	20.19%	5.209%
17	19.290	2664	2672	2676	rBV2	24893	41558	1.24%	0.319%
18	20.247	2828	2835	2842	rBV	2526174	3356797	100.00%	25.804%
19	21.986	3123	3131	3137	rBV2	438595	815255	24.29%	6.267%
20	25.459	3703	3722	3733	rBV2	237865	803855	23.95%	6.179%

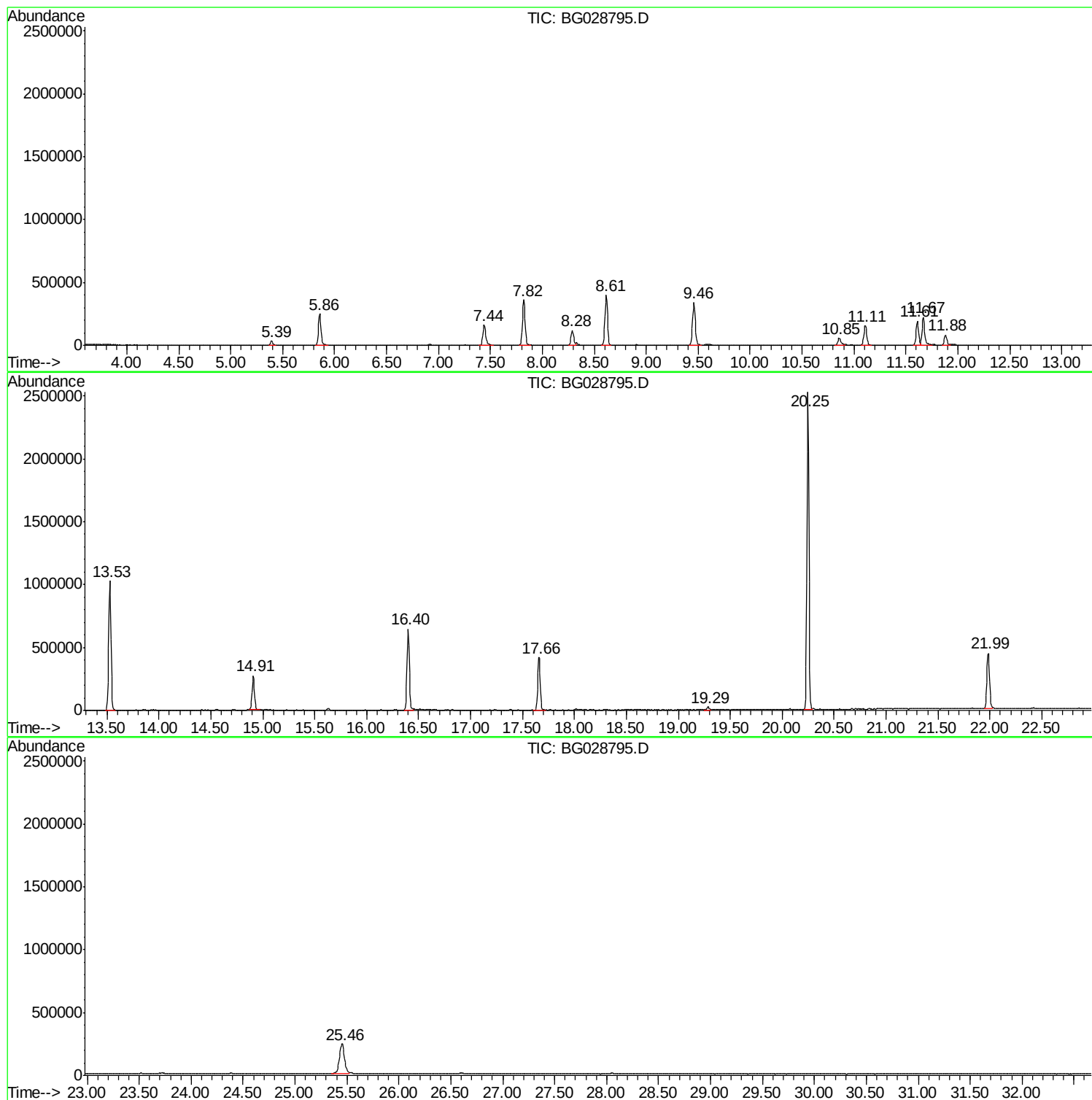
Sum of corrected areas: 13008717

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.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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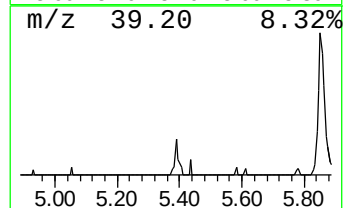
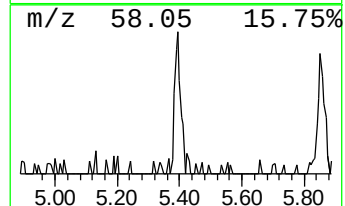
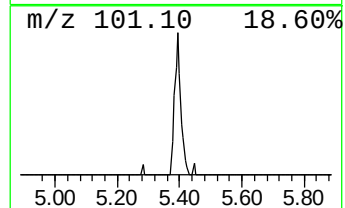
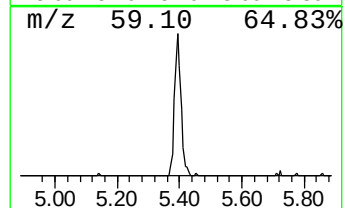
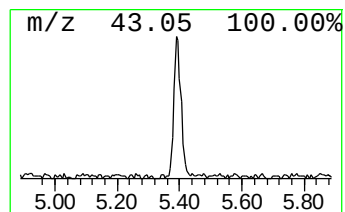
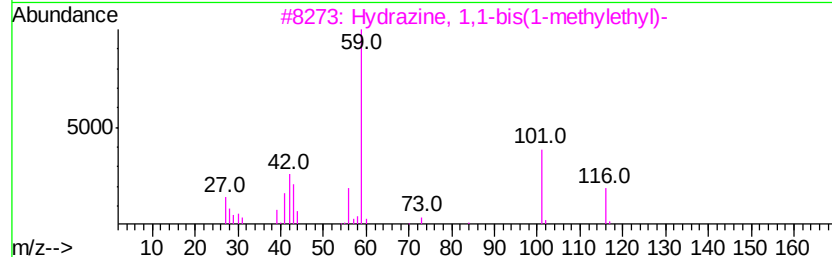
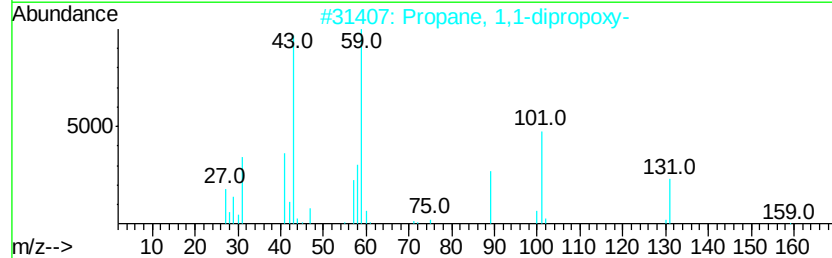
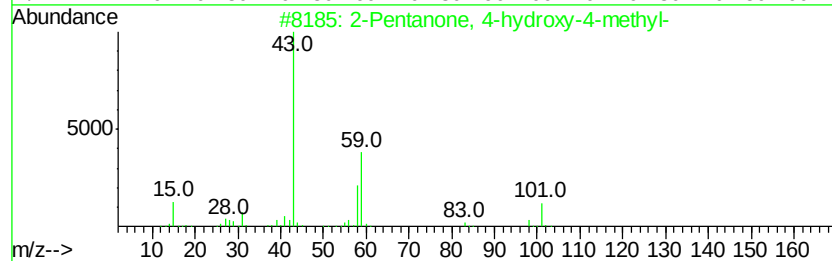
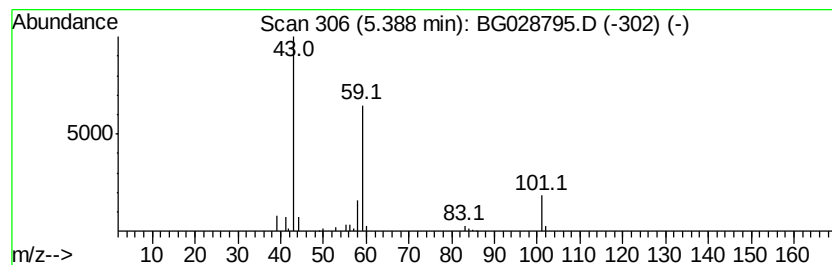
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	4.72 ng	50479	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
4		3-Octanol	130	C8H18O	000589-98-0	36
5		3-Hexanol	102	C6H14O	000623-37-0	33



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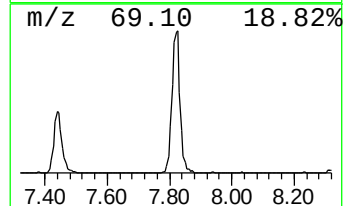
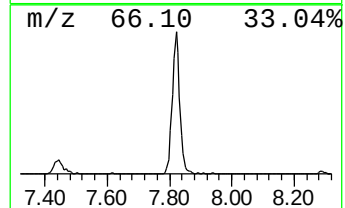
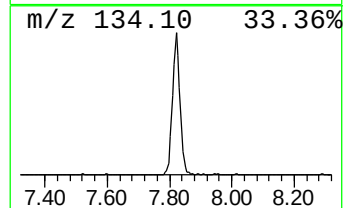
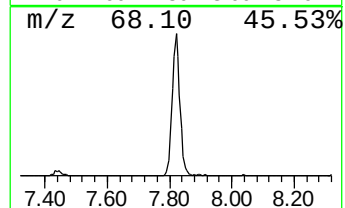
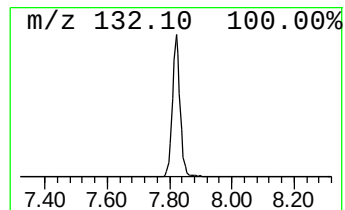
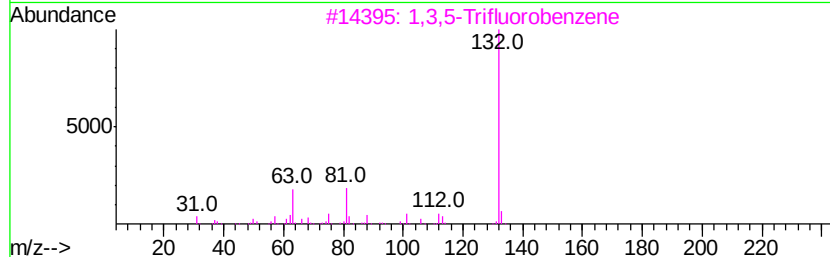
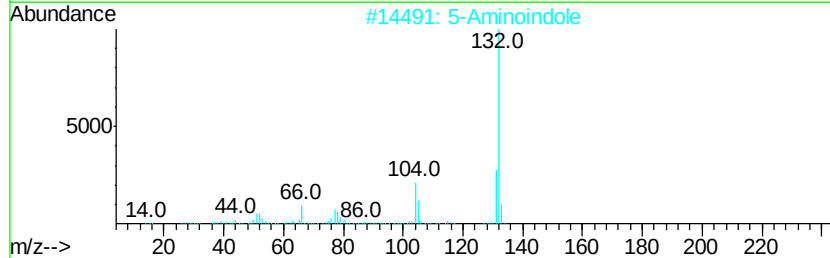
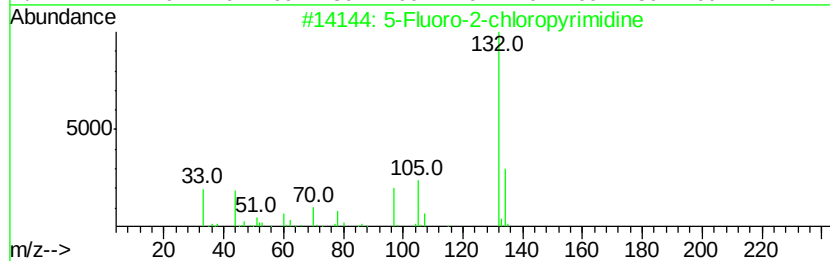
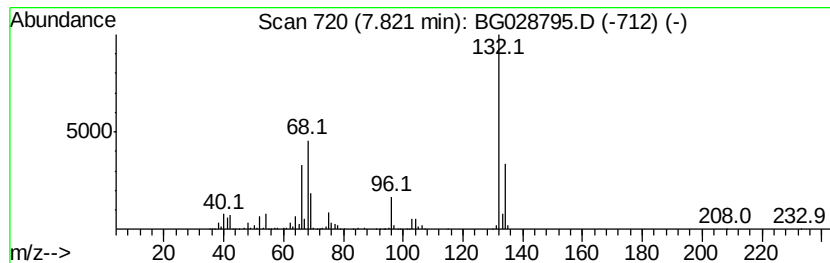
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Peak Number 2 unknown7.82 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	58.40 ng	624738	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10



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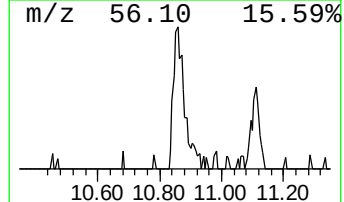
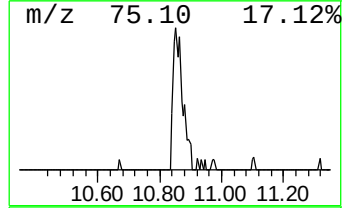
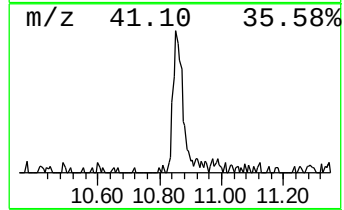
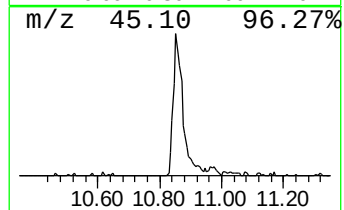
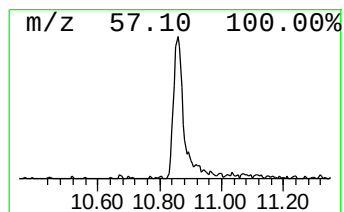
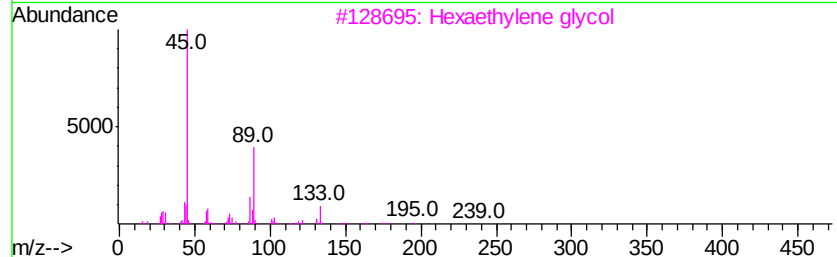
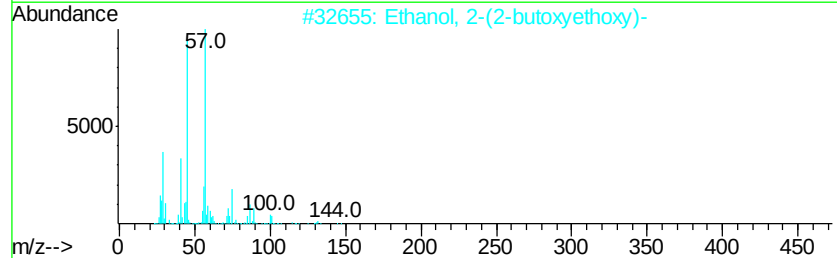
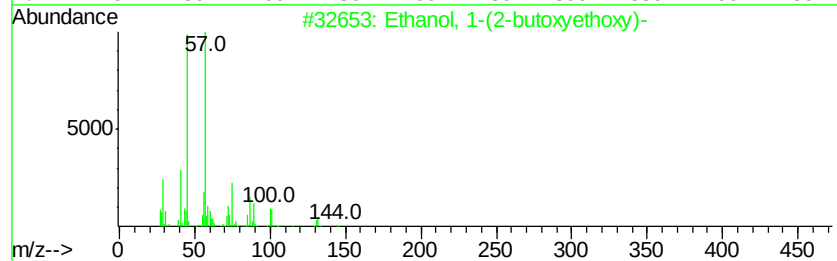
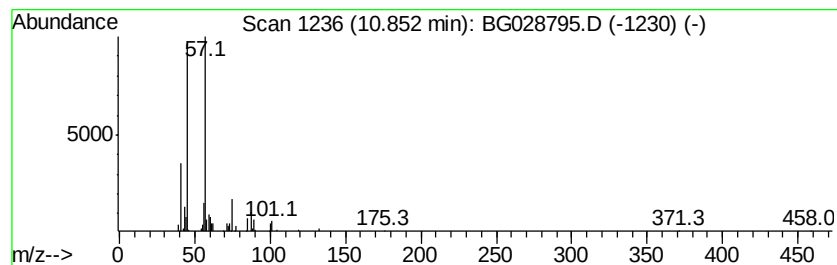
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Peak Number 4 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	8.11 ng	118931	Naphthalene-d8	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
2		Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3		Hexaethylene glycol	282	C12H26O7	002615-15-8	53
4		Heptaethylene glycol	326	C14H30O8	005617-32-3	53
5		Tetraethylene glycol	194	C8H18O5	000112-60-7	50



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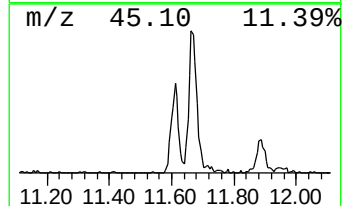
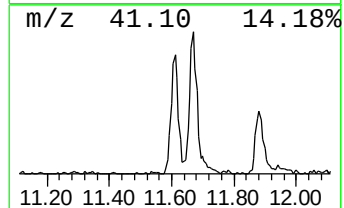
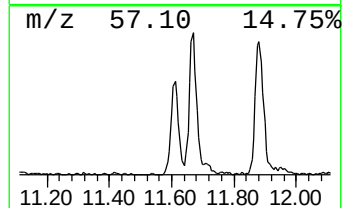
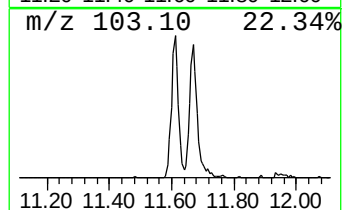
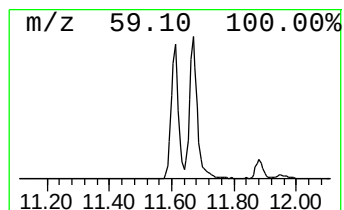
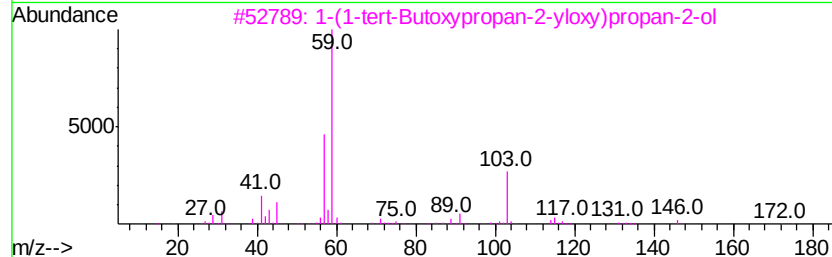
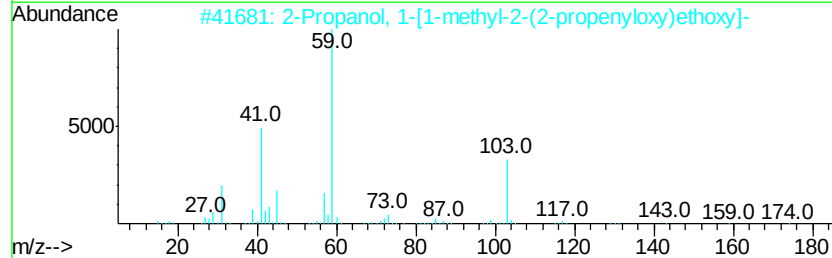
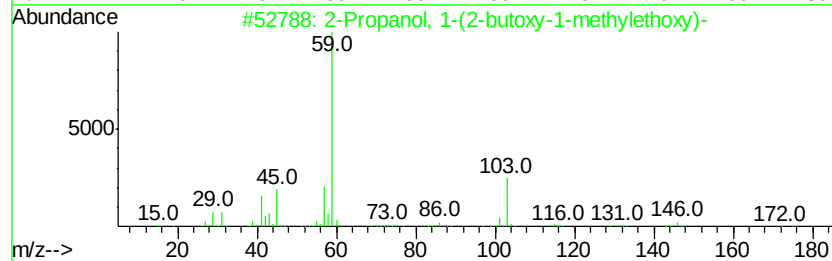
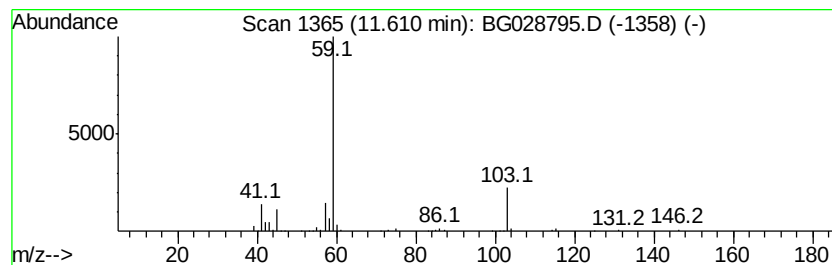
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	21.38 ng	313551	Napthalene-d8	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	74
2		2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
3		1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	64
4		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
5		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	56



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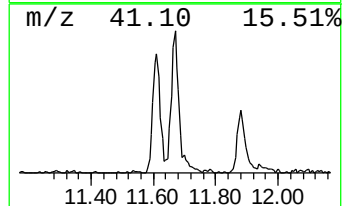
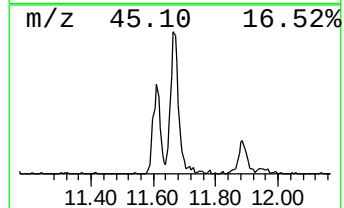
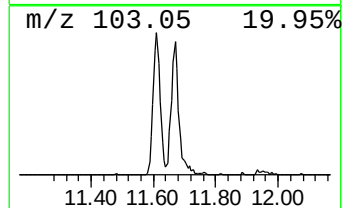
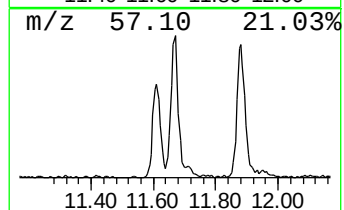
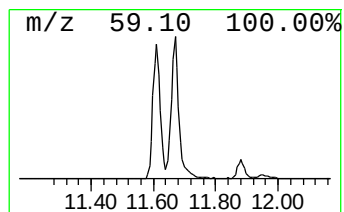
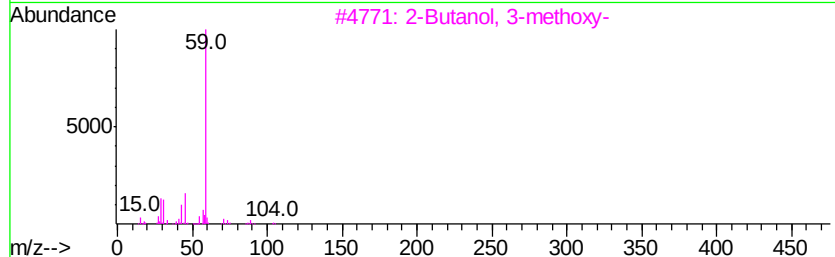
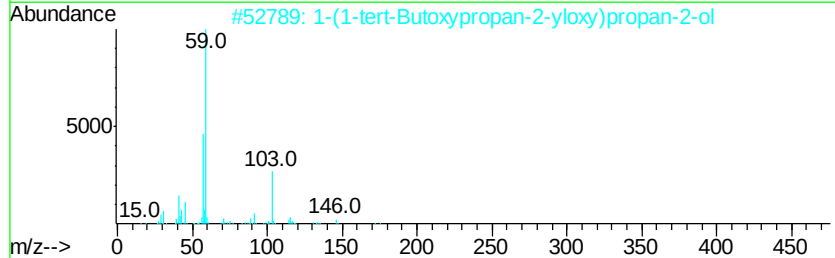
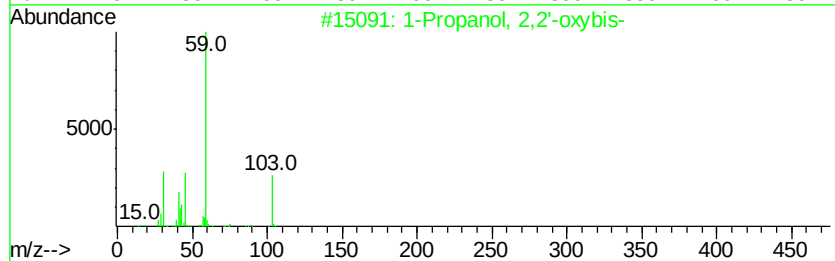
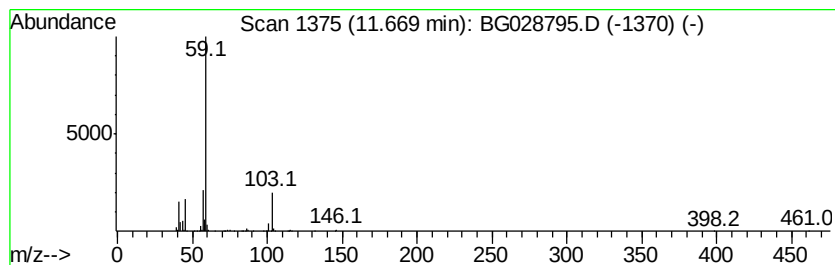
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Peak Number 6 1-Propanol, 2,2'-oxybis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	25.83 ng	378792	Napthalene-d8	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
2		1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	64
3		2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	59
4		Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	58
5		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	56



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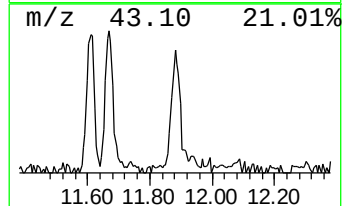
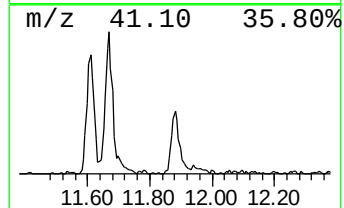
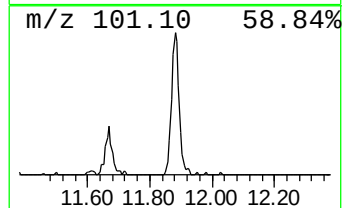
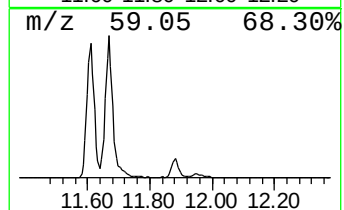
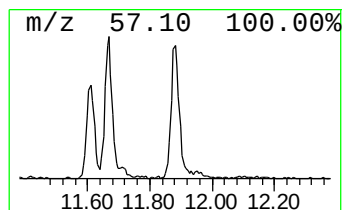
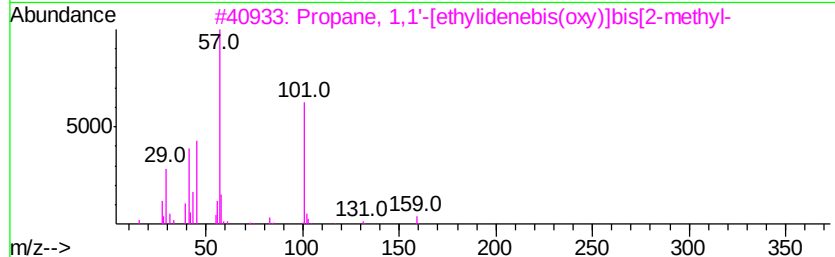
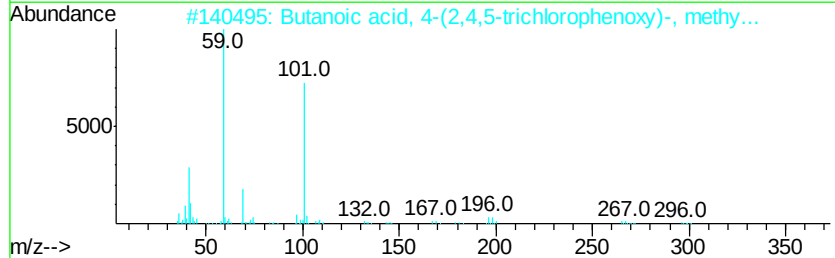
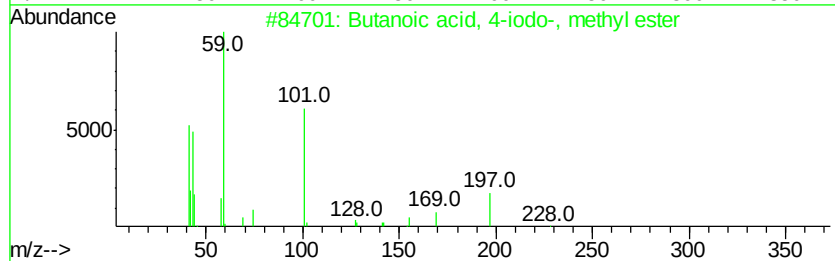
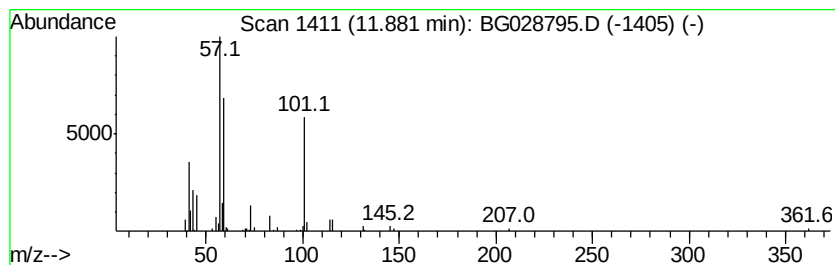
Instrument :
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TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown11.88 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	10.33 ng	151454	Napthalene-d8	11.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butanoic acid, 4-iodo-, methyl e...	228 C5H9IO2	014273-85-9 40
2		Butanoic acid, 4-(2,4,5-trichlor...	296 C11H11Cl3O2	025333-21-5 38
3		Propane, 1,1'-[ethylidenebis(oxv...	174 C10H22O2	005669-09-0 38
4		Hydrazine, 1,1-dimethyl-2-propyl-	102 C5H14N2	052728-54-8 35
5		Propane, 2,2'-[methylenebis(oxy)...	160 C9H20O2	002568-93-6 32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091817\
Data File : BG028795.D
Acq On : 18 Sep 2017 15:02
Operator : SJ/JU
Sample : I5251-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.39	4.7	ng	50479	1	8.28	213954	20.0
unknown7.82	7.82	58.4	ng	624738	1	8.28	213954	20.0
Ethanol, 1-(2-but...	10.85	8.1	ng	118931	2	11.11	293269	20.0
2-Propanol, 1-(2-...	11.61	21.4	ng	313551	2	11.11	293269	20.0
1-Propanol, 2,2'-...	11.67	25.8	ng	378792	2	11.11	293269	20.0
unknown11.88	11.88	10.3	ng	151454	2	11.11	293269	20.0