

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091218.D
 Acq On : 17 Nov 2016 17:58
 Operator : UM/SJ
 Sample : H5673-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.750	266	268	281	rBV	253582	486421	7.86%	1.013%
2	5.196	306	307	322	rVB	1486370	2314610	37.39%	4.820%
3	6.270	399	401	409	rBV	1435376	1560541	25.21%	3.250%
4	6.384	409	411	414	rBV	4065556	4071666	65.78%	8.479%
5	6.613	430	431	438	rBV	860372	1186670	19.17%	2.471%
6	6.773	442	445	448	rBV	4288065	4181318	67.55%	8.707%
7	7.196	479	482	484	rBV	3148807	3680228	59.45%	7.664%
8	7.687	523	525	528	rBV	837379	768984	12.42%	1.601%
9	7.756	528	531	532	rBV	164847	232561	3.76%	0.484%
10	7.779	532	533	534	rVB	235457	161999	2.62%	0.337%
11	7.825	534	537	542	rVB	3373926	3812267	61.59%	7.939%
12	7.905	542	544	547	rBV	1522403	1641540	26.52%	3.418%
13	8.487	593	595	598	rVB	147544	167029	2.70%	0.348%
14	8.647	607	609	621	rVB3	37483	110591	1.79%	0.230%
15	8.990	636	639	641	rBV	5805101	6190186	100.00%	12.891%
16	9.116	648	650	652	rVV	70072	73787	1.19%	0.154%
17	9.390	672	674	679	rVB	112296	112371	1.82%	0.234%
18	9.653	695	697	700	rBV	1681773	1865332	30.13%	3.884%
19	10.053	729	732	733	rBV	57650	64810	1.05%	0.135%
20	10.453	764	767	769	rBV	3398889	4077244	65.87%	8.490%
21	10.545	773	775	777	rVV	82980	141455	2.29%	0.295%
22	10.579	777	778	782	rVV3	67363	92544	1.50%	0.193%
23	10.636	782	783	785	rVV2	81235	124852	2.02%	0.260%
24	10.705	788	789	793	rVB2	53849	70779	1.14%	0.147%
25	10.819	797	799	800	rBV	58630	76579	1.24%	0.159%
26	10.853	800	802	804	rVV	80903	80417	1.30%	0.167%
27	10.899	804	806	811	rVB	38576	63189	1.02%	0.132%
28	11.025	811	817	818	rBV2	63161	94105	1.52%	0.196%
29	11.139	825	827	829	rBV	2057258	1858743	30.03%	3.871%
30	11.311	840	842	845	rBV	66019	87115	1.41%	0.181%
31	11.448	852	854	860	rVB2	38069	65904	1.06%	0.137%
32	11.733	876	879	883	rBV2	73956	132420	2.14%	0.276%
33	12.556	949	951	953	rBV	102291	92509	1.49%	0.193%
34	12.728	963	966	968	rBV	5180513	5588841	90.29%	11.638%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.774	968	970	978	rVB2	101799	177634	2.87%	0.370%
36	13.642	1043	1046	1049	rBV2	44968	81674	1.32%	0.170%
37	13.768	1055	1057	1060	rBV	1475197	1412297	22.82%	2.941%
38	15.140	1175	1177	1189	rBV	858938	1020062	16.48%	2.124%

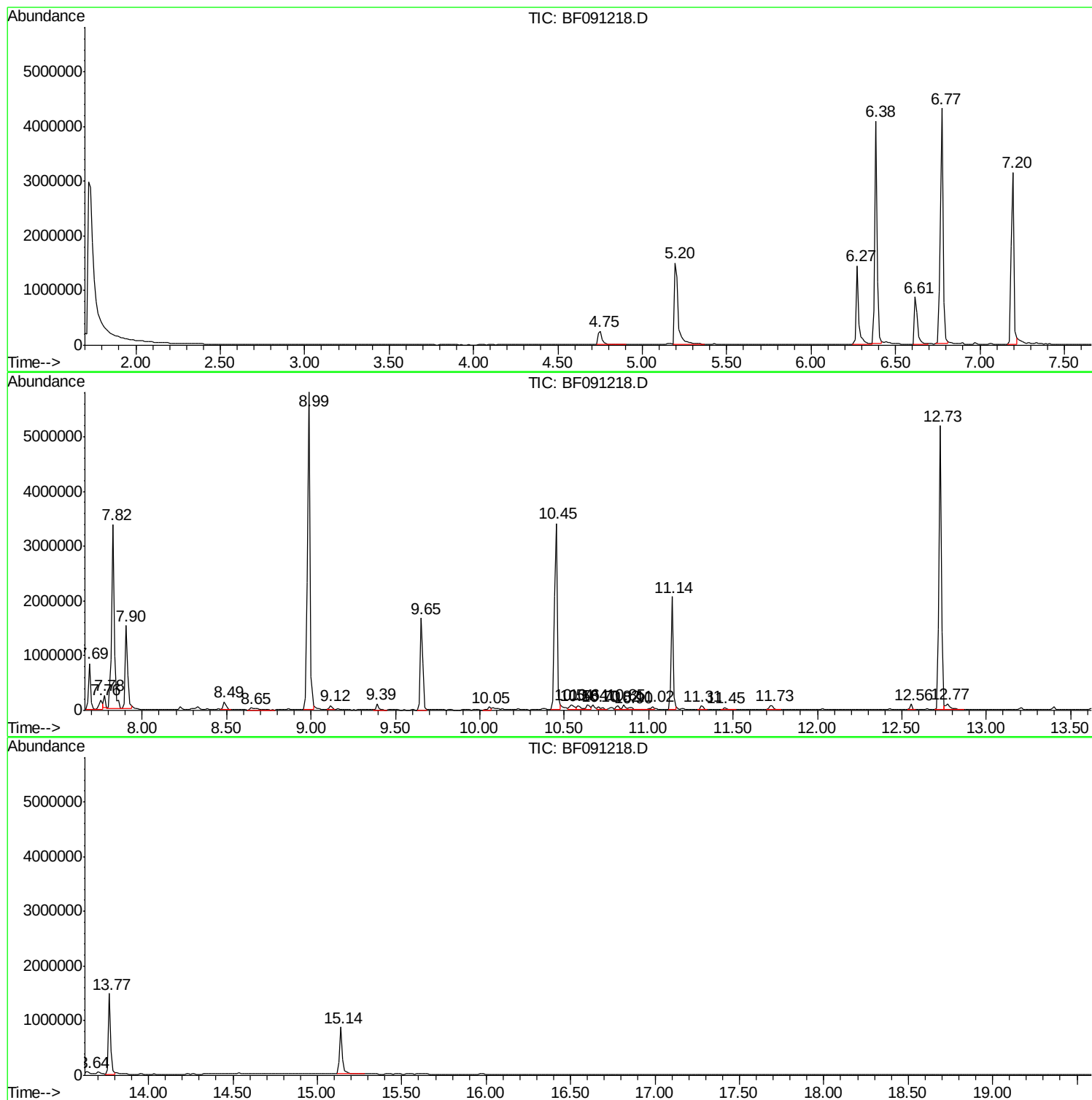
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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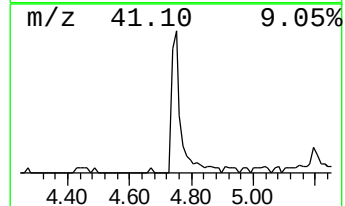
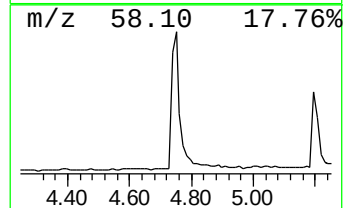
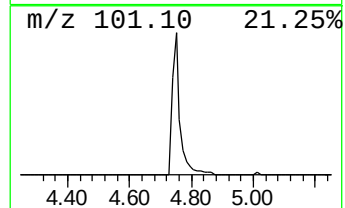
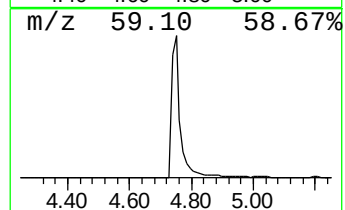
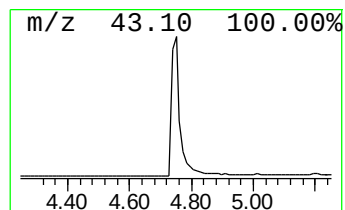
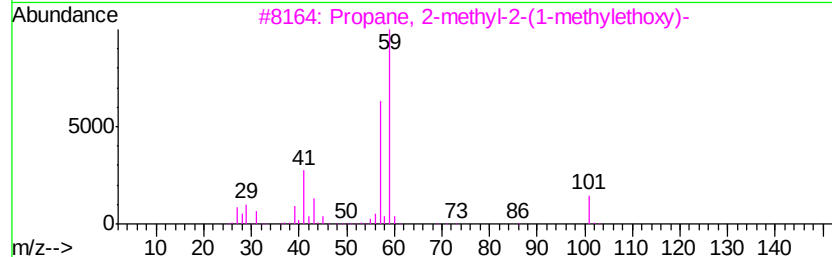
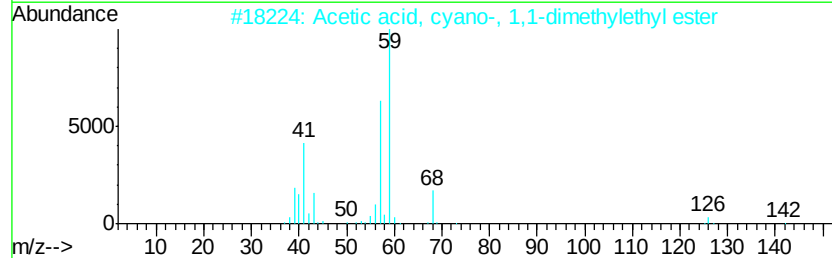
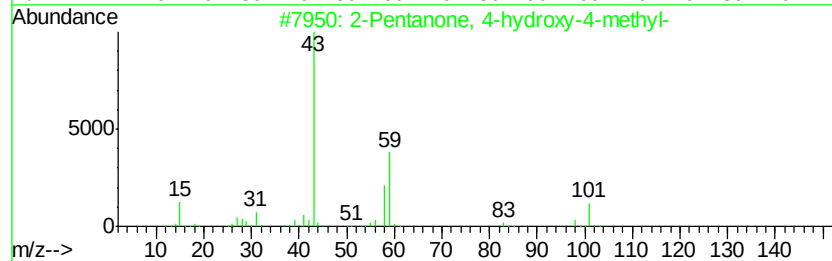
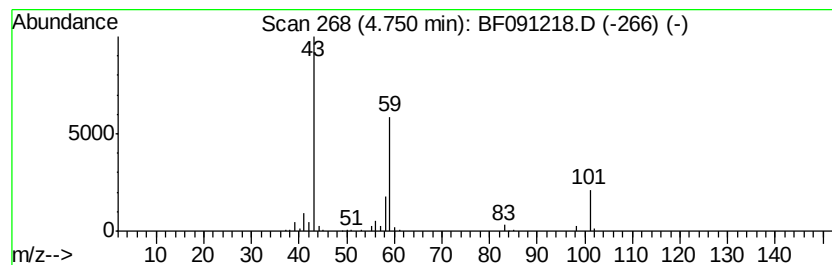
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	8.20 ng	486421	1,4-Dichlorobenzene-d4	6.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
5	Acetone	58	C3H6O	000067-64-1	9	



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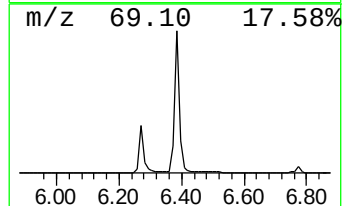
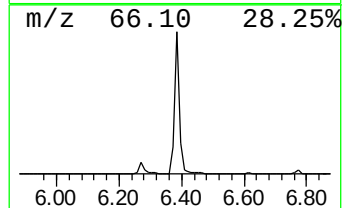
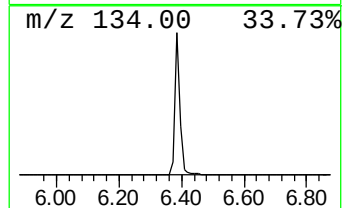
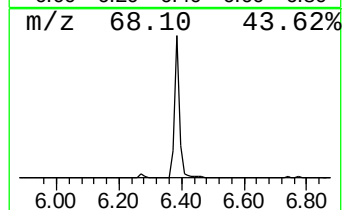
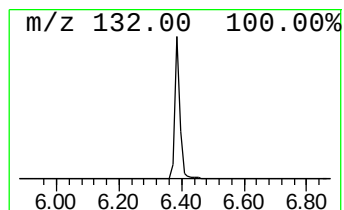
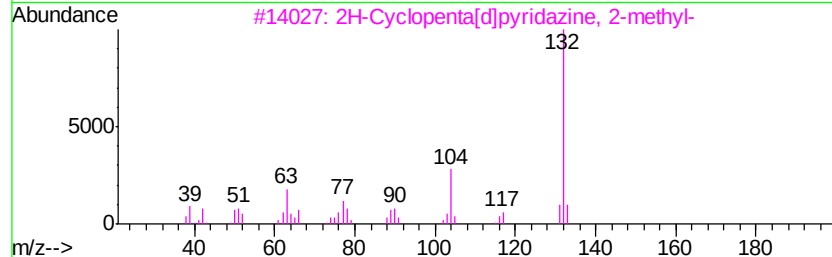
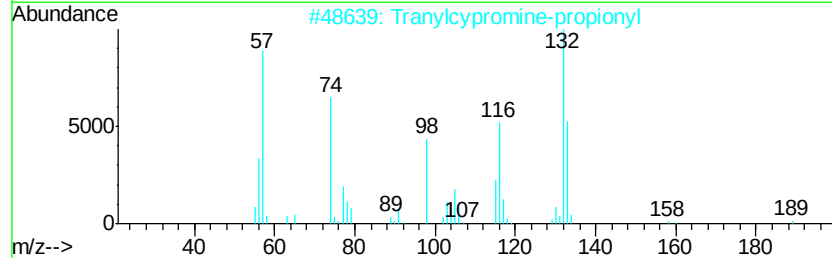
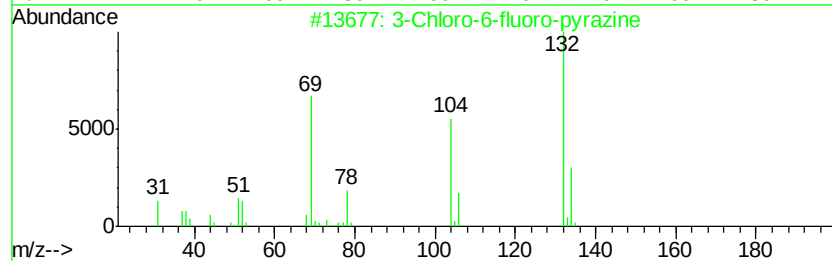
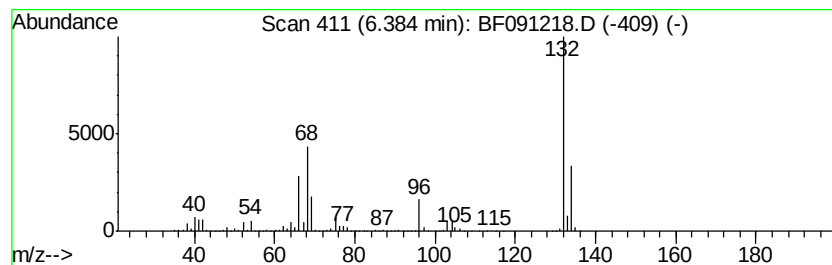
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	68.62 ng	4071670	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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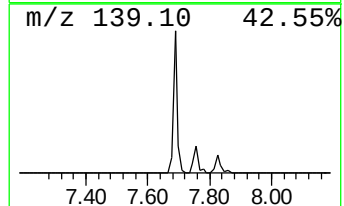
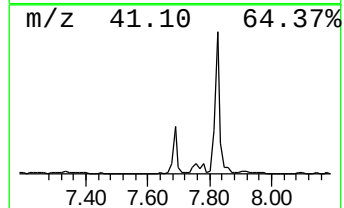
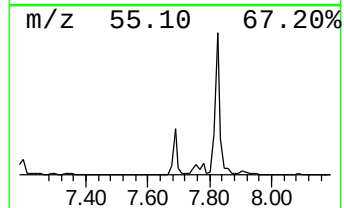
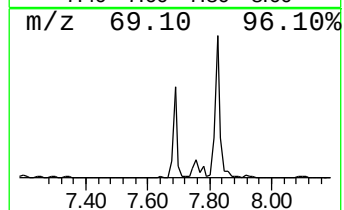
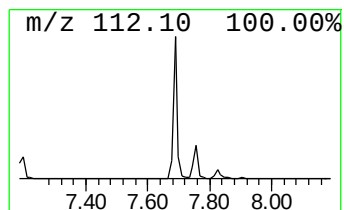
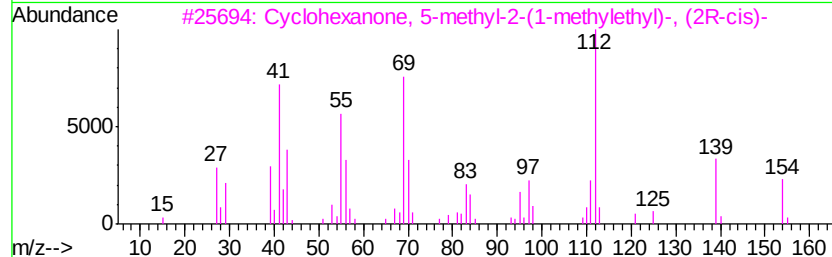
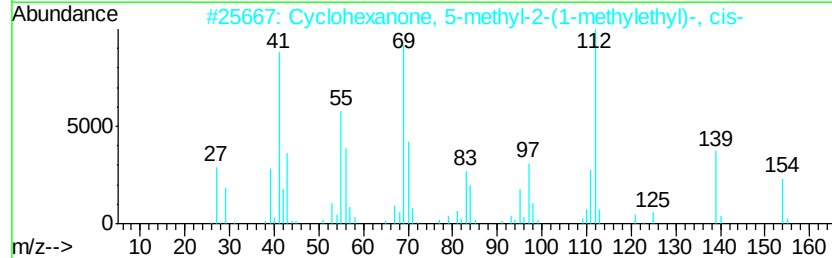
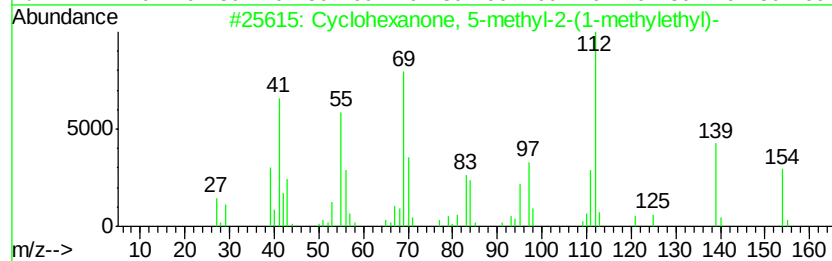
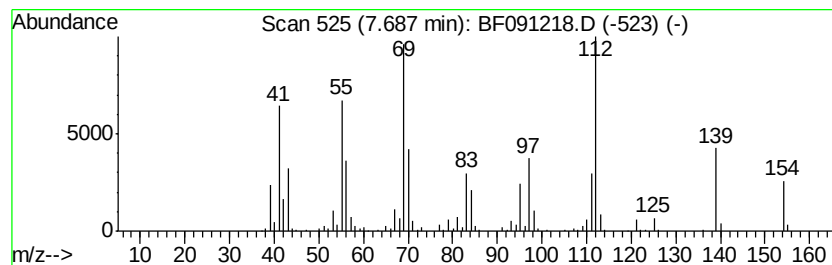
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexanone, 5-methyl-2-(... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	9.37 ng	768984	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	98
2		Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000491-07-6	98
3		Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	001196-31-2	97
4		Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000089-80-5	97
5		Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	014073-97-3	95



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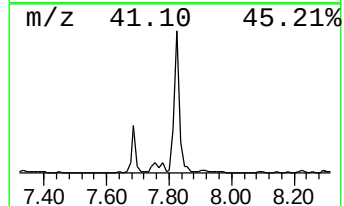
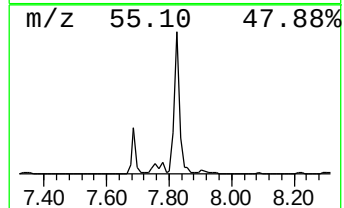
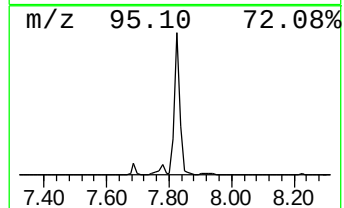
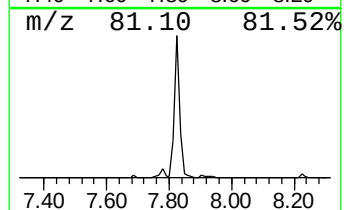
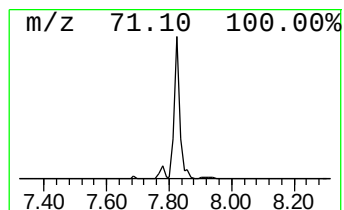
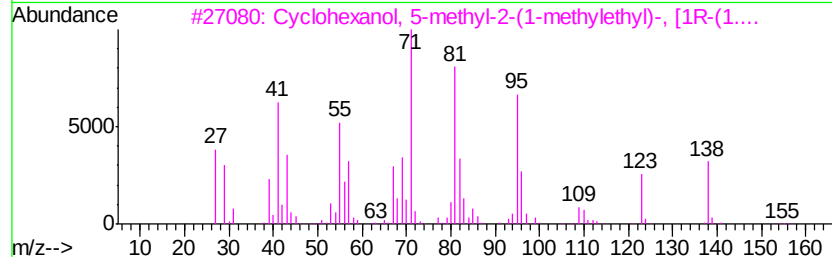
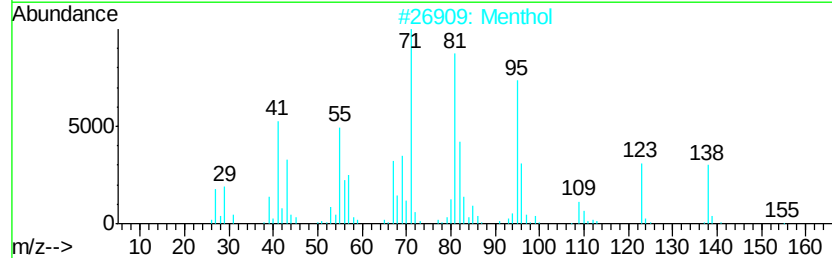
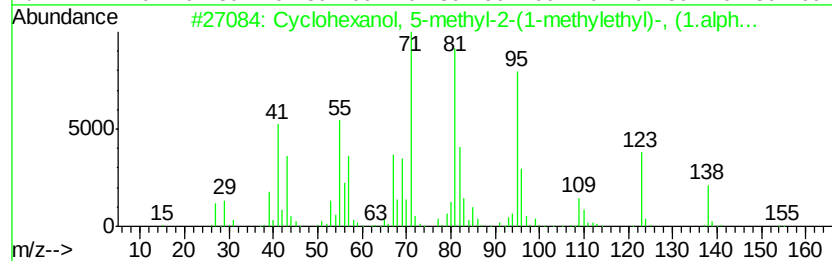
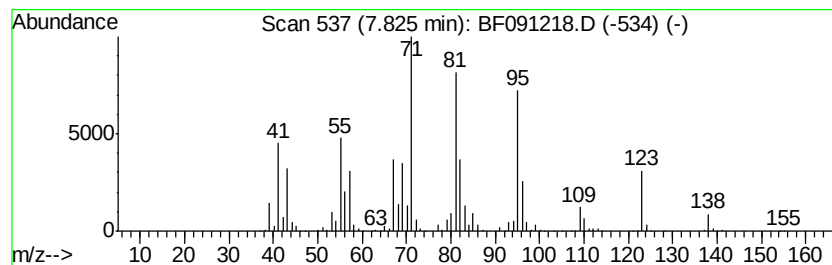
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	46.45 ng	3812270	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-methyl-2-(1-methylethyl)-, (1.alpha...	156	C10H20O	015356-70-4	91
2		Menthol	156	C10H20O	001490-04-6	91
3		Cyclohexanol, 5-methyl-2-(1-methyl-2-(1-methylethyl)-, (1.alpha...	156	C10H20O	002216-51-5	91
4		Cyclohexanol, 5-methyl-2-(1-methyl-2-(1-methylethyl)-, (1.alpha...	156	C10H20O	000089-78-1	91
5		Cyclohexanol, 5-methyl-2-(1-methyl-2-(1-methylethyl)-, (1.alpha...	156	C10H20O	015356-60-2	90



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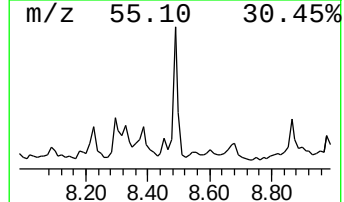
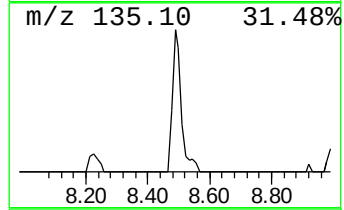
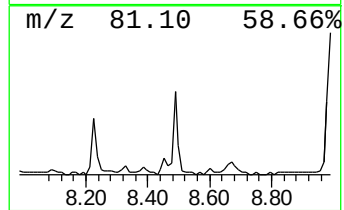
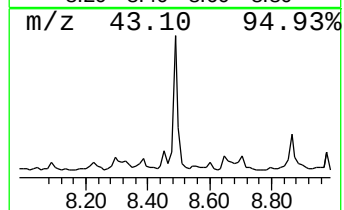
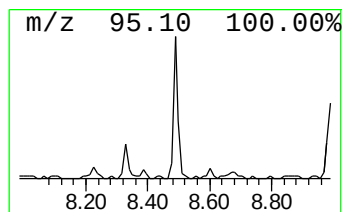
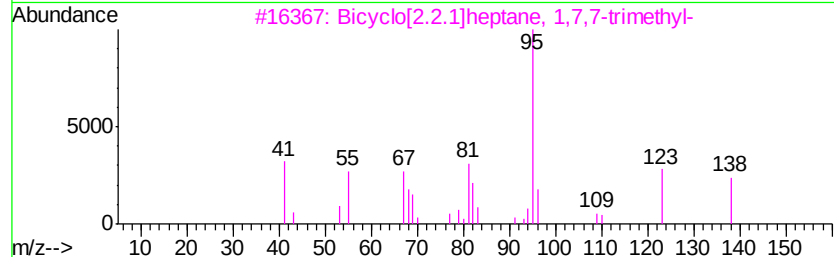
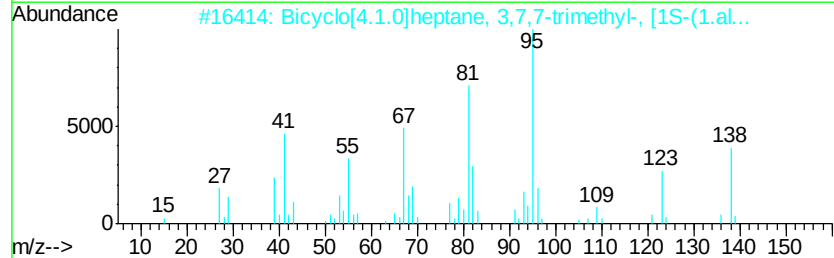
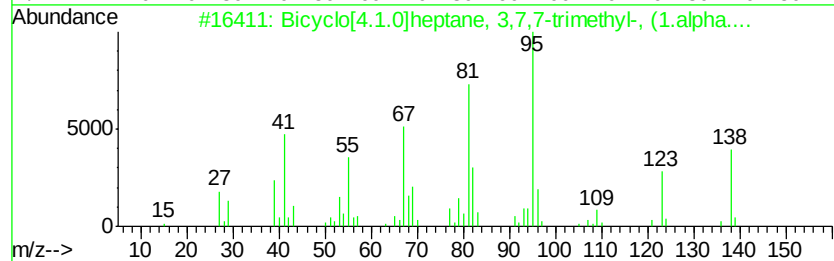
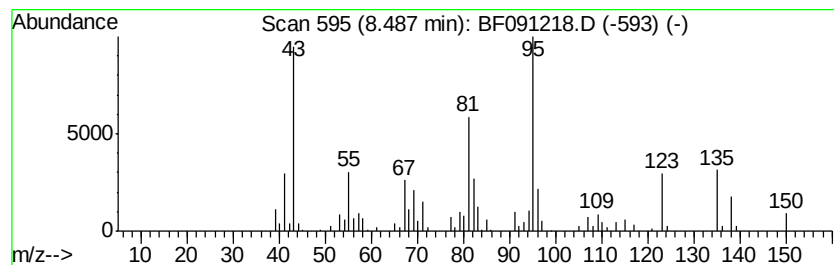
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	2.04 ng	167029	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	91
2		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	91
3		Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	87
4		Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	76
5		Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091218.D
Acq On : 17 Nov 2016 17:58
Operator : UM/SJ
Sample : H5673-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.75	8.2	ng	486421	1	6.61	1186670	20.0
unknown6.38	6.38	68.6	ng	4071670	1	6.61	1186670	20.0
Cyclohexanone, 5-...	7.69	9.4	ng	768984	2	7.90	1641540	20.0
Cyclohexanol, 5-m...	7.82	46.5	ng	3812270	2	7.90	1641540	20.0
Bicyclo[4.1.0]hep...	8.49	2.0	ng	167029	2	7.90	1641540	20.0