

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF083003.D
 Acq On : 18 Nov 2015 9:20
 Operator : UM/IZ
 Sample : G4443-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP215BRV84

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-BF110715.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	3.927	152	161	163	rBV	2545387	9998938	100.00%	16.589%
2	4.898	244	246	249	rBV	677173	828623	8.29%	1.375%
3	5.356	284	286	288	rBV	2508227	2227985	22.28%	3.696%
4	6.396	375	377	379	rBV	1833843	1491150	14.91%	2.474%
5	6.521	385	388	391	rBV	4154913	3897088	38.98%	6.466%
6	6.750	406	408	410	rBV	1284206	1048095	10.48%	1.739%
7	6.910	419	422	424	rBV	4403916	3830712	38.31%	6.356%
8	7.322	455	458	460	rBV	3376529	3669922	36.70%	6.089%
9	7.950	511	513	516	rBV	487727	419077	4.19%	0.695%
10	8.042	518	521	523	rVV	1270273	1325598	13.26%	2.199%
11	9.116	612	615	618	rBV	4917146	5470932	54.72%	9.077%
12	9.242	624	626	629	rBV	248614	333673	3.34%	0.554%
13	9.722	664	668	671	rBV2	82211	163348	1.63%	0.271%
14	9.790	671	674	676	rBV	1827018	1580994	15.81%	2.623%
15	10.248	712	714	717	rVV2	99359	141632	1.42%	0.235%
16	10.579	740	743	746	rBV	3557383	3442222	34.43%	5.711%
17	10.705	753	754	758	rVB	66067	102325	1.02%	0.170%
18	11.265	801	803	806	rBV2	1363423	1479708	14.80%	2.455%
19	12.373	898	900	902	rVV	3596758	3147370	31.48%	5.222%
20	12.408	902	903	908	rVB	127913	125518	1.26%	0.208%
21	12.694	926	928	932	rVB	171876	161011	1.61%	0.267%
22	12.865	940	943	945	rBV	5805721	6986185	69.87%	11.591%
23	13.425	991	992	995	rVV2	73920	99995	1.00%	0.166%
24	13.768	1019	1022	1031	rBV	114885	189569	1.90%	0.315%
25	13.894	1031	1033	1036	rBV	1321314	1844265	18.44%	3.060%
26	14.008	1040	1043	1045	rBV	4020648	3758506	37.59%	6.236%
27	15.299	1153	1156	1159	rBV	1045062	1360815	13.61%	2.258%
28	15.505	1171	1174	1177	rBV	823078	1005028	10.05%	1.667%
29	17.985	1387	1391	1398	rVB	52604	142605	1.43%	0.237%

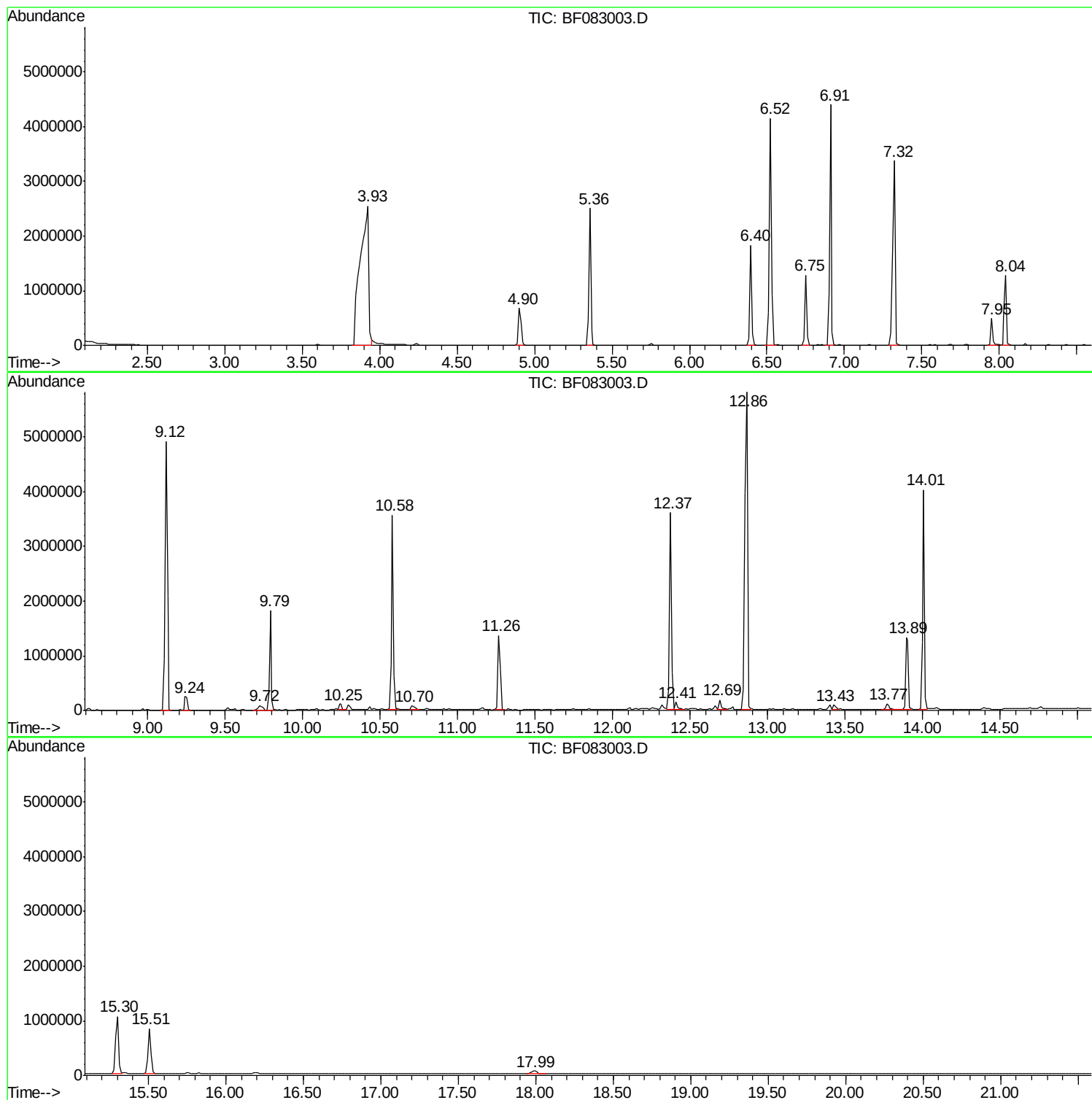
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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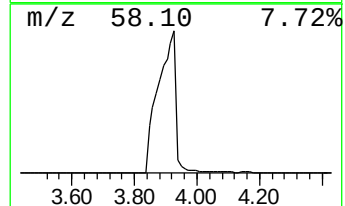
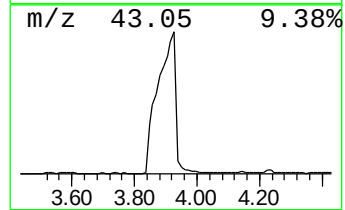
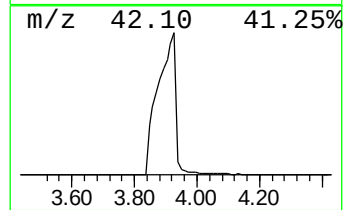
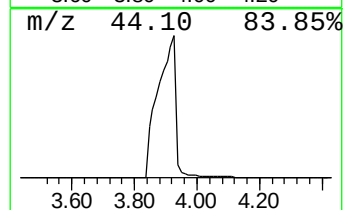
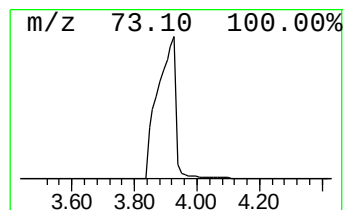
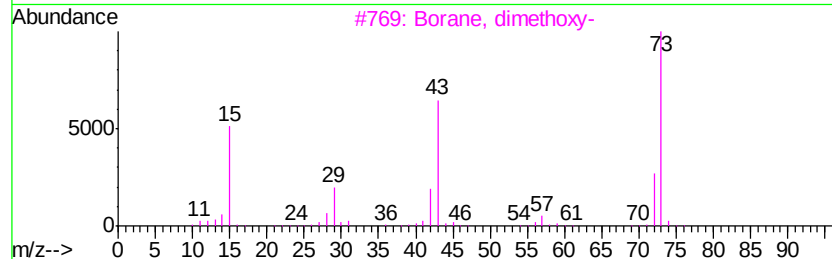
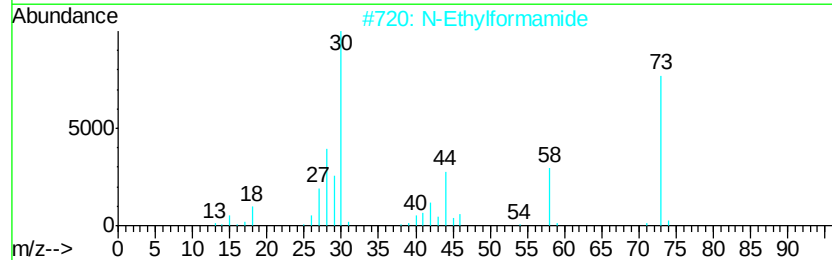
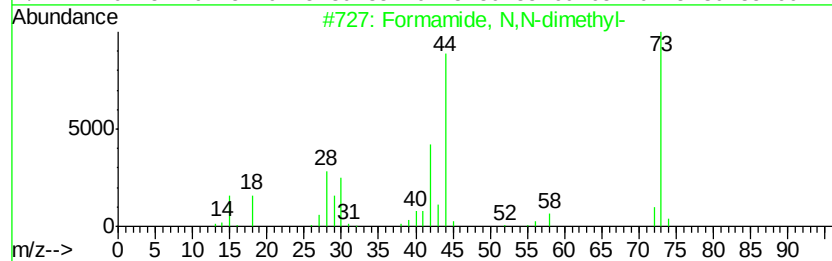
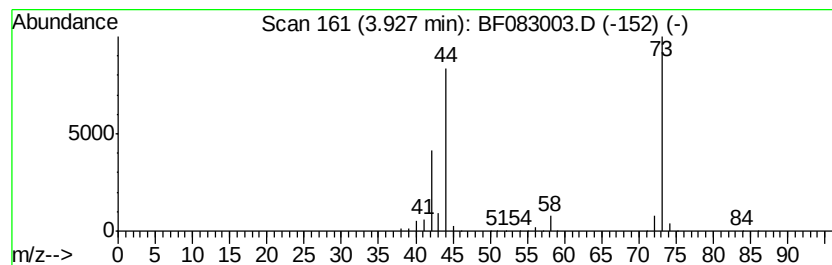
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Formamide, N,N-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.93	190.80 ng	9998940	1,4-Dichlorobenzene-d4	6.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	91
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5
4	1,2-Ethanediamine, N-methyl-	74	C3H10N2	000109-81-9	4
5	Acetaldehyde	44	C2H4O	000075-07-0	4



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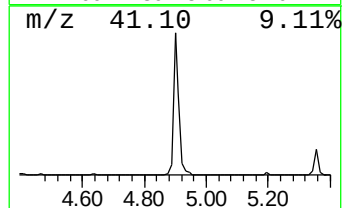
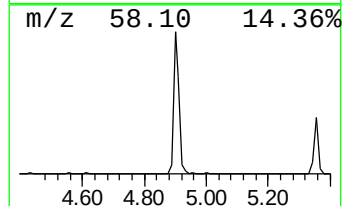
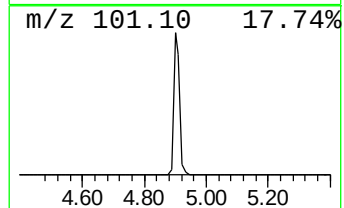
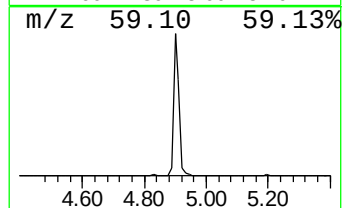
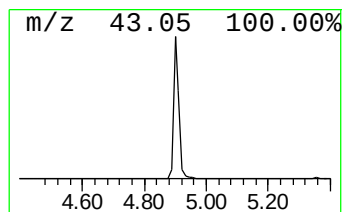
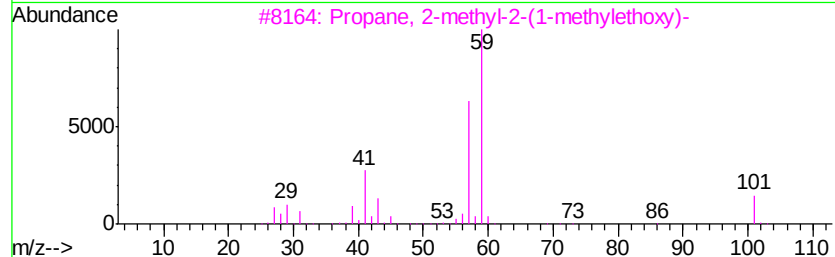
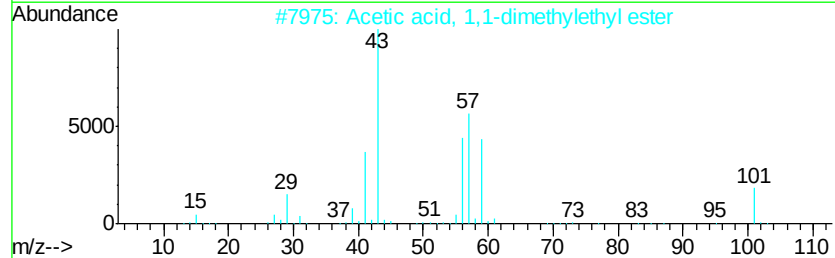
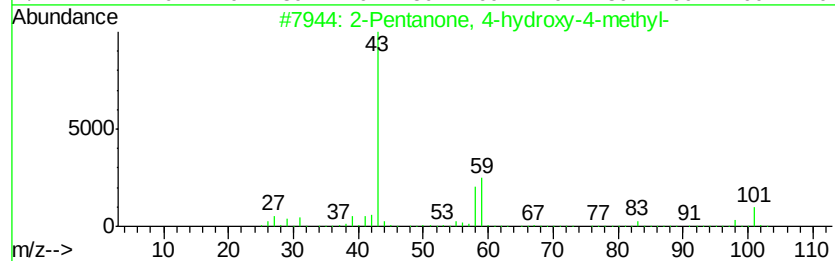
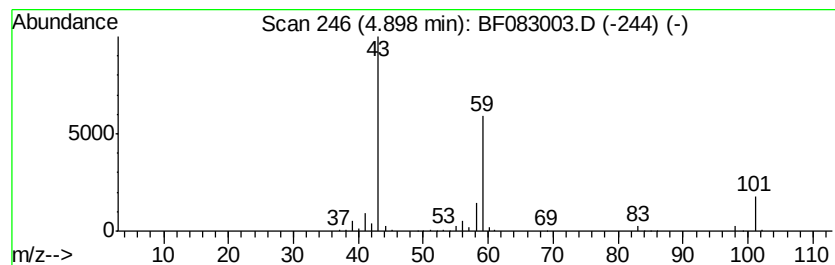
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	15.81 ng	828623	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33	
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32	



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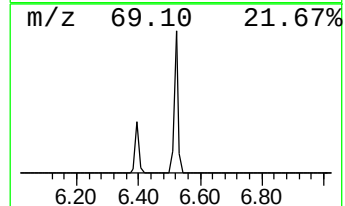
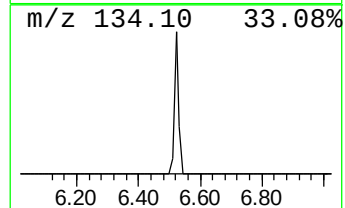
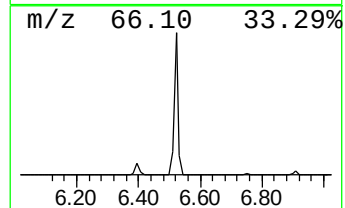
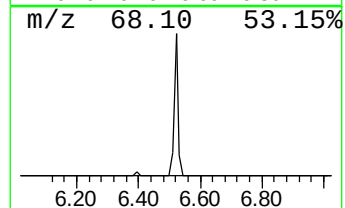
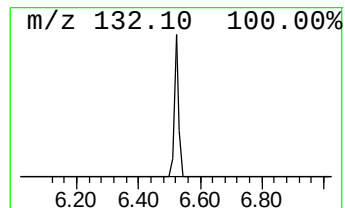
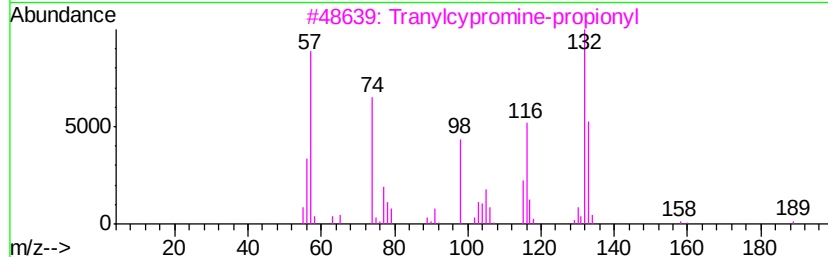
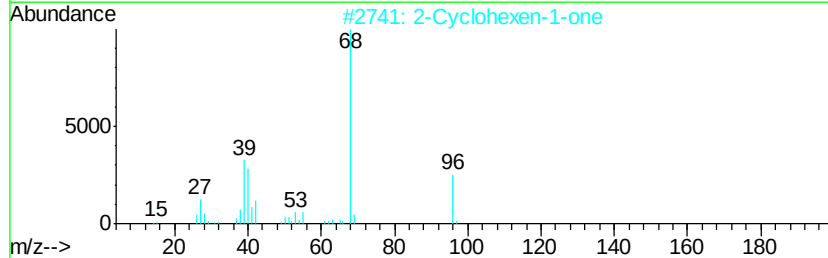
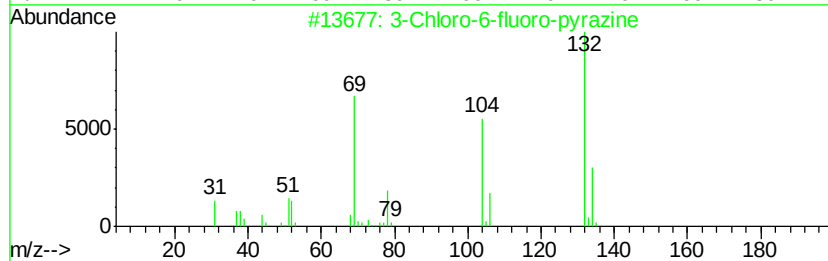
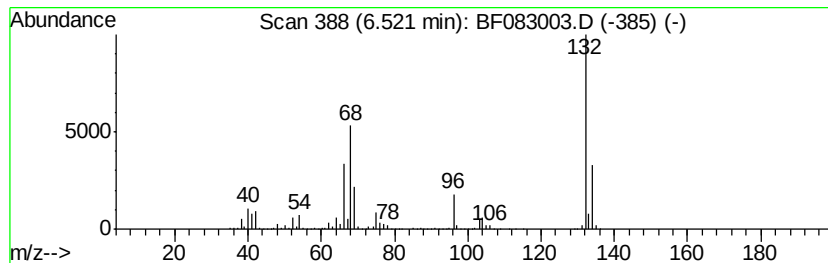
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Peak Number 3 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	74.37 ng	3897090	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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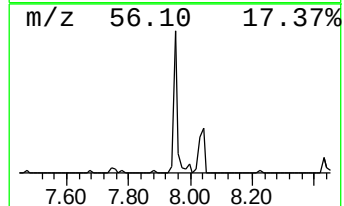
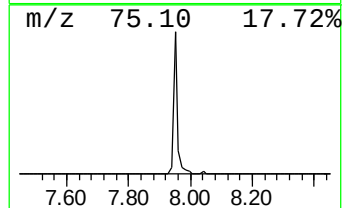
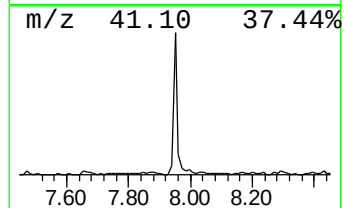
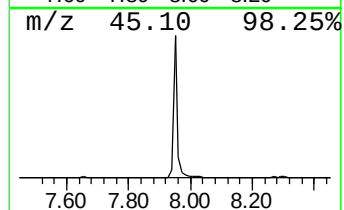
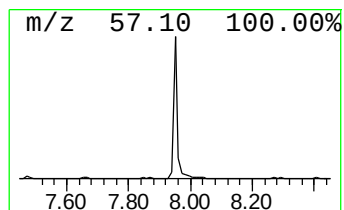
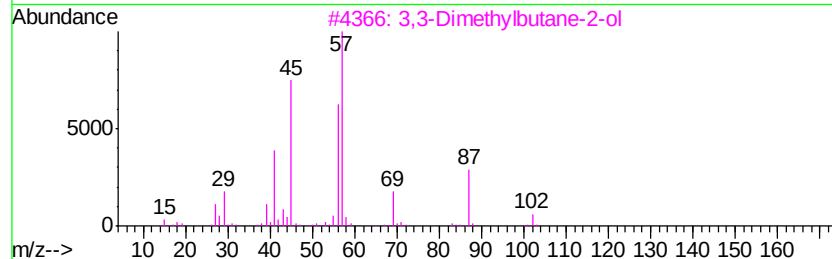
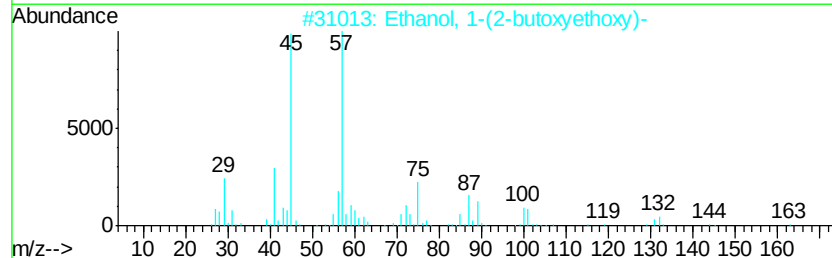
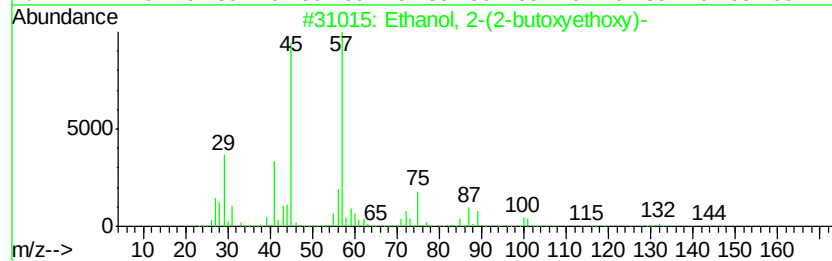
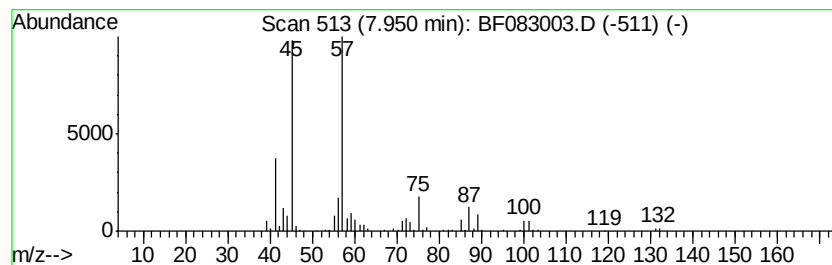
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Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	6.32 ng	419077	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2		Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4		Di-sec-butyl ether	130	C8H18O	006863-58-7	53
5		Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	53



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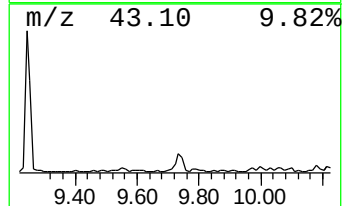
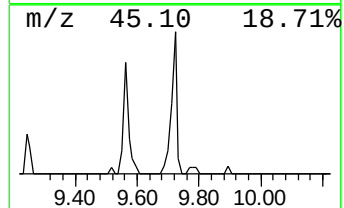
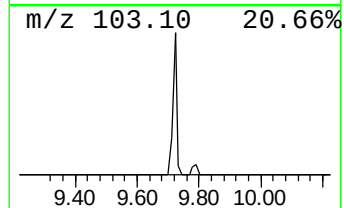
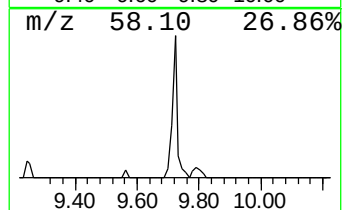
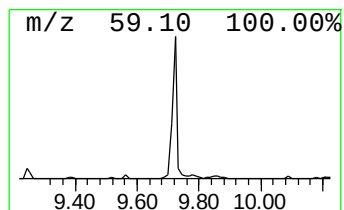
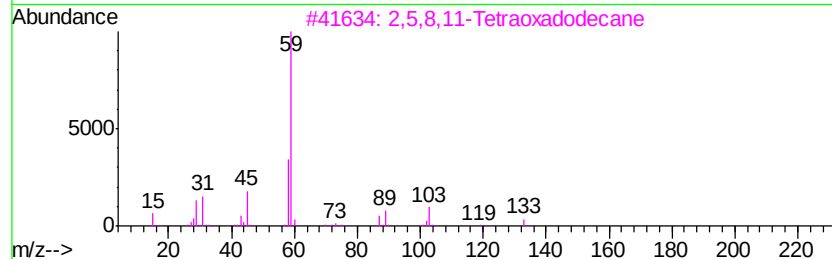
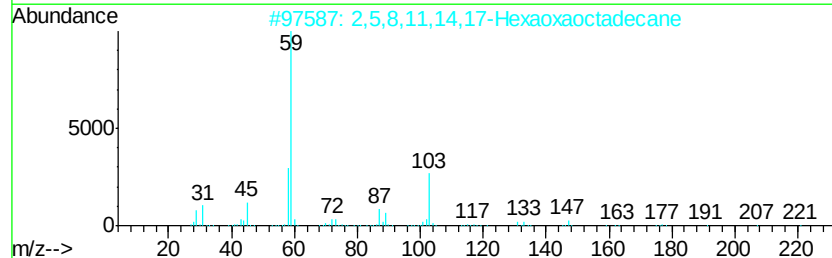
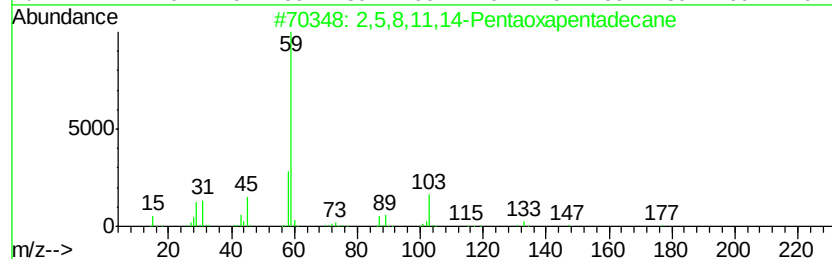
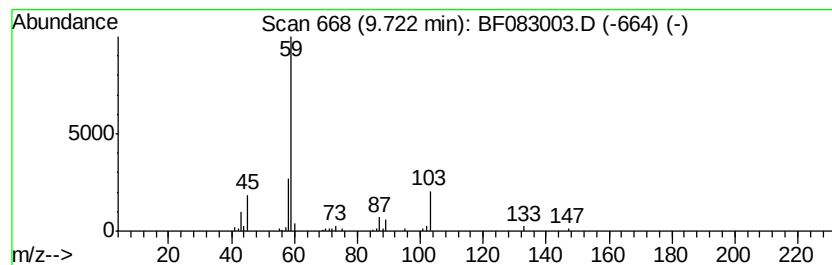
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Peak Number 7 2,5,8,11,14-Pentaoxapentade... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.07 ng	163348	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	90
2		2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	78
3		2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	72
4		Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64
5		Pentane, 2-methoxy-	102	C6H14O	006795-88-6	50



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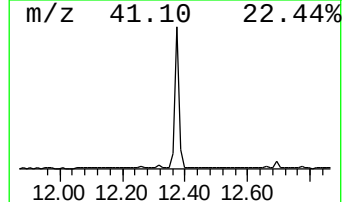
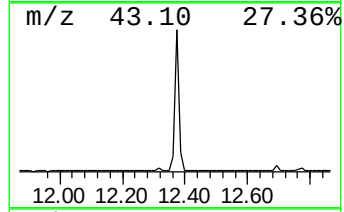
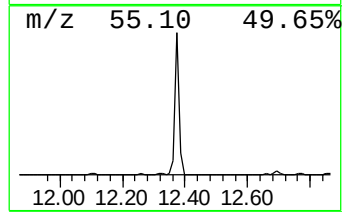
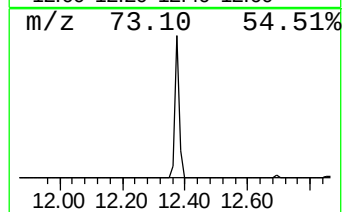
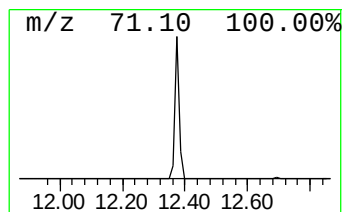
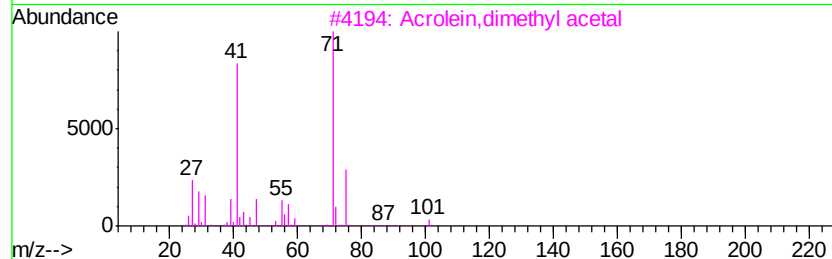
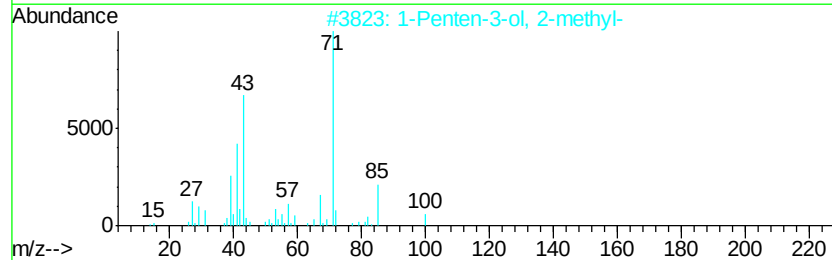
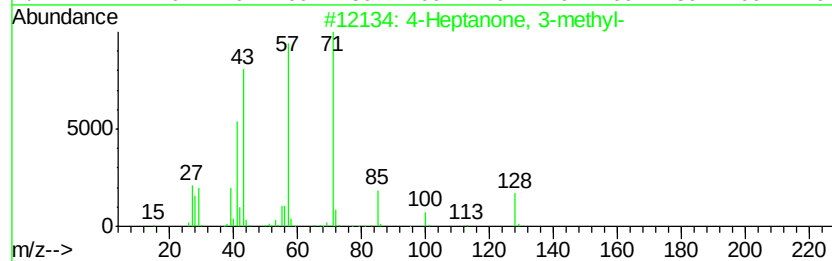
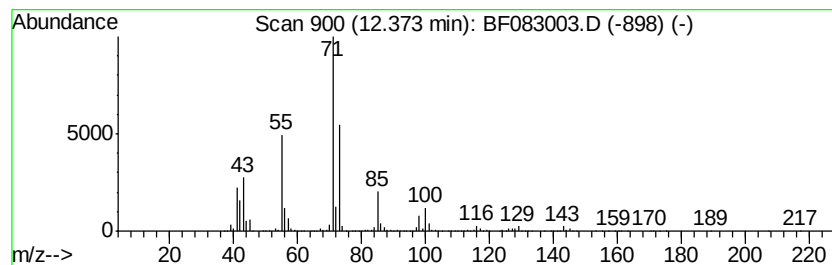
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4-Heptanone, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	42.54 ng	3147370	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	64
2			1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
3			Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	47
4			Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	43
5			Pantolactone	130	C6H10O3	000599-04-2	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF083003.D
Acq On : 18 Nov 2015 9:20
Operator : UM/IZ
Sample : G4443-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151109MGP215BRV84

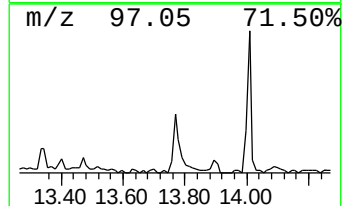
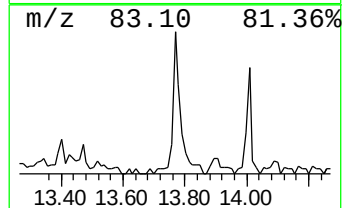
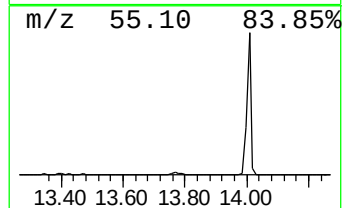
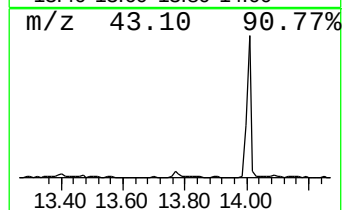
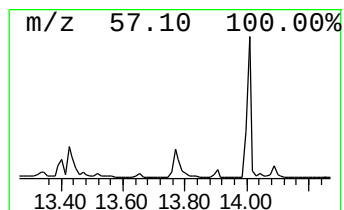
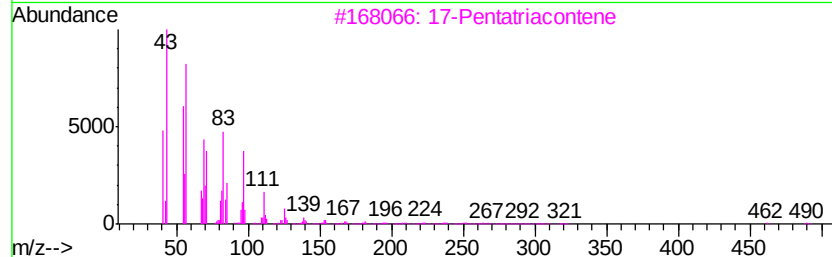
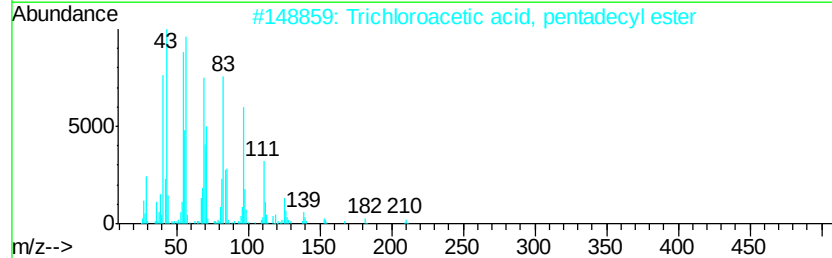
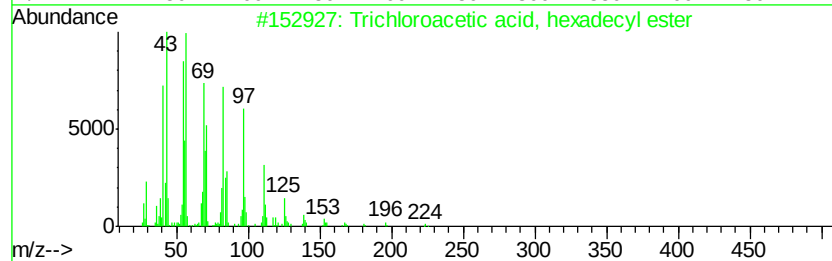
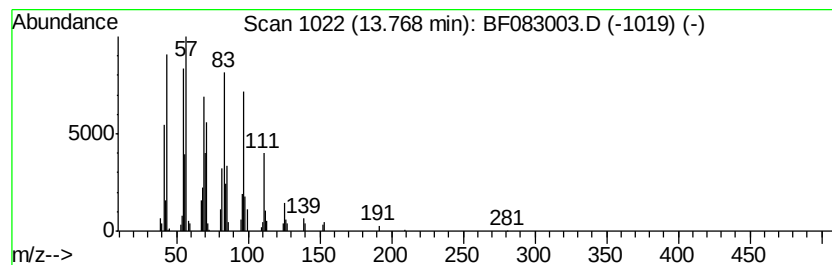
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.06 ng	189569	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	87
5		Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	87



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Acq On : 18 Nov 2015 9:20
Operator : UM/IZ
Sample : G4443-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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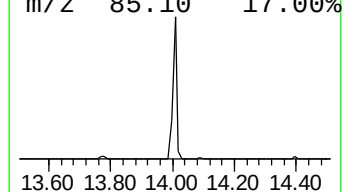
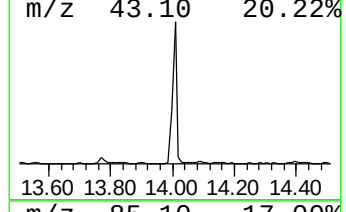
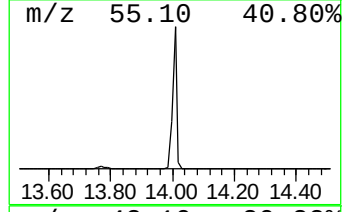
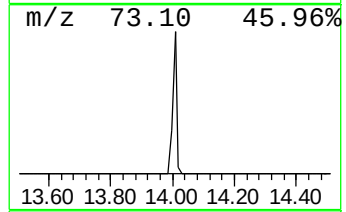
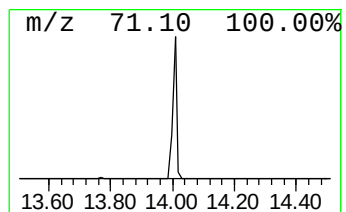
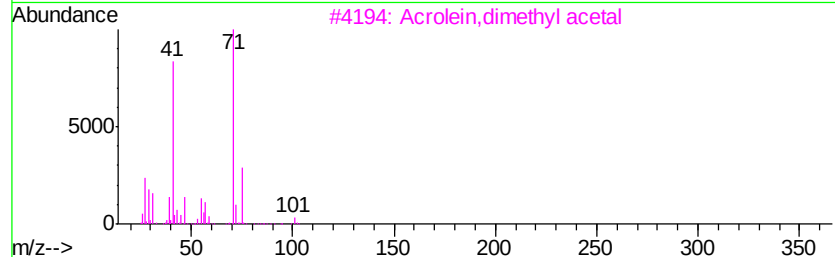
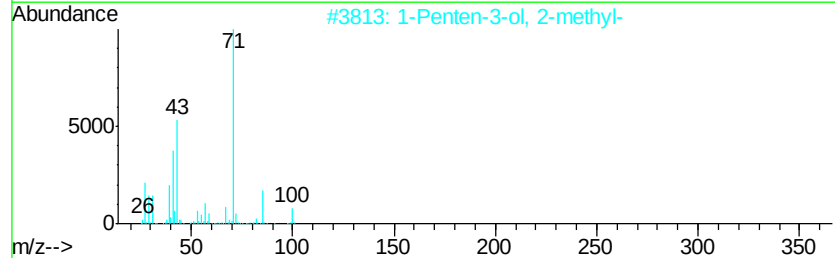
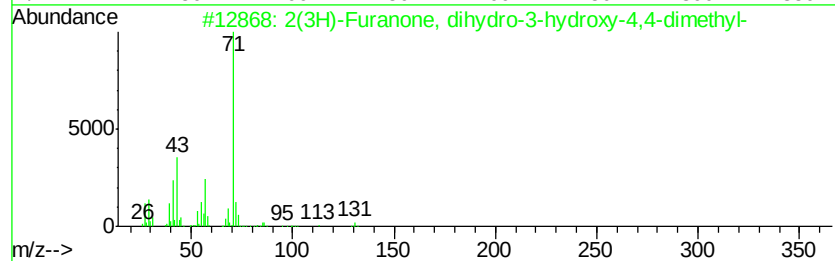
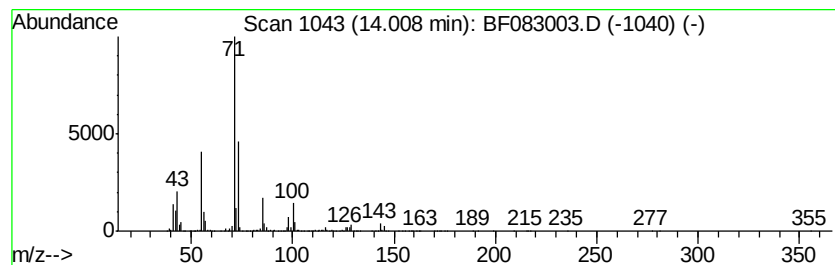
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2(3H)-Furanone, dihydro-3-h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	40.76 ng	3758510	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Furanone, dihydro-3-hydrox...	130	C6H10O3	052126-90-6	59
2		1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	53
3		Acrolein, dimethyl acetal	102	C5H10O2	006044-68-4	53
4		4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	50
5		Pantolactone	130	C6H10O3	000599-04-2	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
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Operator : UM/IZ
Sample : G4443-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151109MGP215BRV84

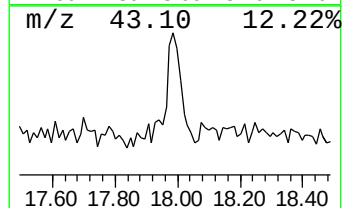
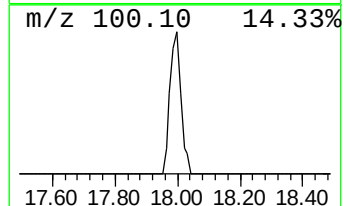
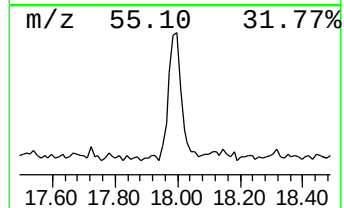
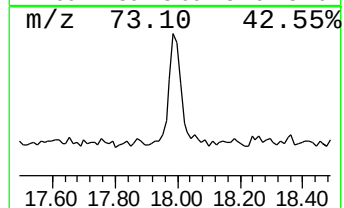
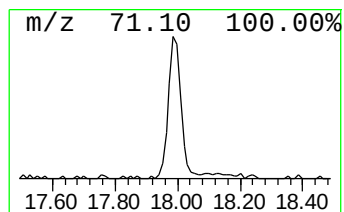
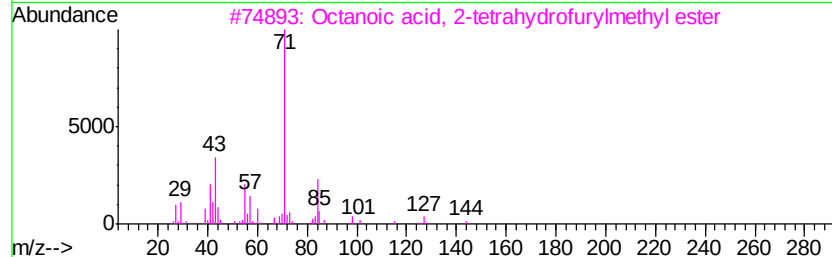
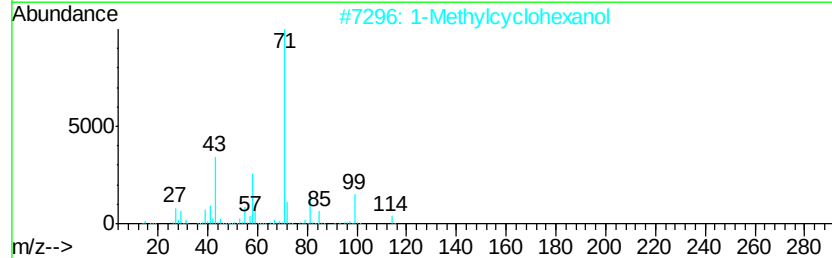
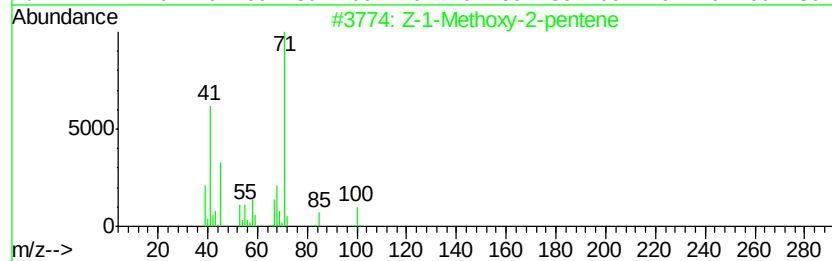
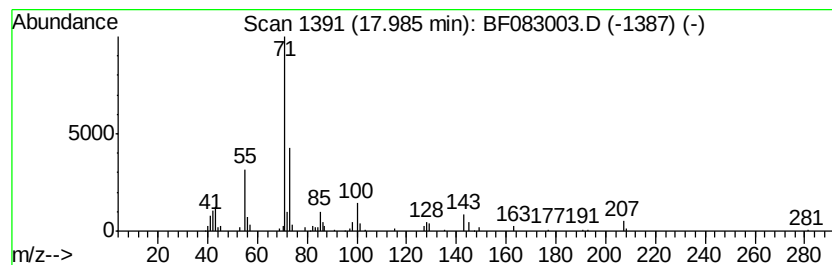
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.10 ng	142605	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	45
2		1-Methylcyclohexanol	114	C7H14O	000590-67-0	42
3		Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	42
4		2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	40
5		Oxirane, 2,2'-[1,4-butanediylbis...	202	C10H18O4	002425-79-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
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Sample : G4443-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
Formamide, N,N-di...	3.93	190.8	ng	9998940	1	6.75	1048100	20.0
2-Pentanone, 4-hy...	4.90	15.8	ng	828623	1	6.75	1048100	20.0
unknown6.52	6.52	74.4	ng	3897090	1	6.75	1048100	20.0
Ethanol, 2-(2-but...	7.95	6.3	ng	419077	2	8.04	1325600	20.0
2,5,8,11,14-Penta...	9.72	2.1	ng	163348	3	9.79	1580990	20.0
4-Heptanone, 3-me...	12.37	42.5	ng	3147370	4	11.26	1479710	20.0
Trichloroacetic a...	13.77	2.1	ng	189569	5	13.90	1844270	20.0
2(3H)-Furanone, d...	14.01	40.8	ng	3758510	5	13.90	1844270	20.0
unknown17.99	17.99	2.1	ng	142605	6	15.30	1360820	20.0