

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082928.D
 Acq On : 14 Nov 2015 7:11
 Operator : UM/IZ
 Sample : G4383-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-04

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-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	4.544	197	215	217	rVB2	122798	1069075	5.50%	1.201%
2	4.979	250	253	255	rVB	702573	917632	4.72%	1.031%
3	5.219	255	274	275	rVV	168232	832277	4.28%	0.935%
4	5.253	275	277	280	rVV2	192246	514120	2.65%	0.578%
5	5.356	280	286	289	rVV2	127358	365158	1.88%	0.410%
6	5.424	289	292	294	rVB	1936062	2107588	10.84%	2.368%
7	6.259	354	365	367	rBV2	155178	597830	3.08%	0.672%
8	6.465	380	383	385	rBV	1112646	1734999	8.93%	1.949%
9	6.510	385	387	391	rVB	204169	297979	1.53%	0.335%
10	6.579	391	393	395	rBV	3946184	3429393	17.64%	3.853%
11	6.807	410	413	414	rBV	867567	1115119	5.74%	1.253%
12	6.956	424	426	428	rVV	2609823	3346599	17.22%	3.760%
13	6.990	428	429	433	rVV2	116150	208028	1.07%	0.234%
14	7.070	433	436	439	rVB2	141331	267358	1.38%	0.300%
15	7.230	448	450	453	rVB	1480180	1364053	7.02%	1.532%
16	7.367	459	462	465	rBV	2810739	2812335	14.47%	3.159%
17	7.710	467	492	494	rBV	3052905	19436168	100.00%	21.835%
18	7.790	495	499	501	rVV	1289901	1818947	9.36%	2.043%
19	8.042	505	521	523	rBV	1721438	8686652	44.69%	9.759%
20	8.088	523	525	527	rVV	1421006	1579458	8.13%	1.774%
21	8.282	538	542	543	rBV2	152320	301249	1.55%	0.338%
22	8.362	543	549	550	rVV	975687	2736871	14.08%	3.075%
23	8.408	550	553	555	rVV	1275069	2490994	12.82%	2.798%
24	8.453	555	557	561	rVV3	1076083	2908191	14.96%	3.267%
25	8.579	561	568	571	rVV3	1596693	5202482	26.77%	5.845%
26	8.625	571	572	576	rVV	1058854	1578792	8.12%	1.774%
27	8.830	585	590	595	rVV4	92282	285294	1.47%	0.321%
28	8.933	595	599	601	rVV	416273	497085	2.56%	0.558%
29	9.059	604	610	612	rVV3	140797	236279	1.22%	0.265%
30	9.173	617	620	622	rVB	5821552	5179756	26.65%	5.819%
31	9.802	670	675	677	rBV	735198	1490074	7.67%	1.674%
32	9.848	677	679	681	rVB	1823443	1579603	8.13%	1.775%
33	10.008	691	693	698	rBV	257057	305359	1.57%	0.343%
34	10.248	710	714	716	rBV	602575	845334	4.35%	0.950%

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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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.636	745	748	751	rBV	2709015	2844053	14.63%	3.195%
36	10.762	756	759	762	rVV2	153010	201461	1.04%	0.226%
37	11.334	806	809	811	rBV	1121654	1388276	7.14%	1.560%
38	11.871	854	856	860	rVV3	148464	218517	1.12%	0.245%
39	12.922	945	948	950	rBV	3717847	4140218	21.30%	4.651%
40	13.962	1037	1039	1042	rBV	1194066	1063160	5.47%	1.194%
41	15.380	1160	1163	1166	rBV	807525	1019305	5.24%	1.145%

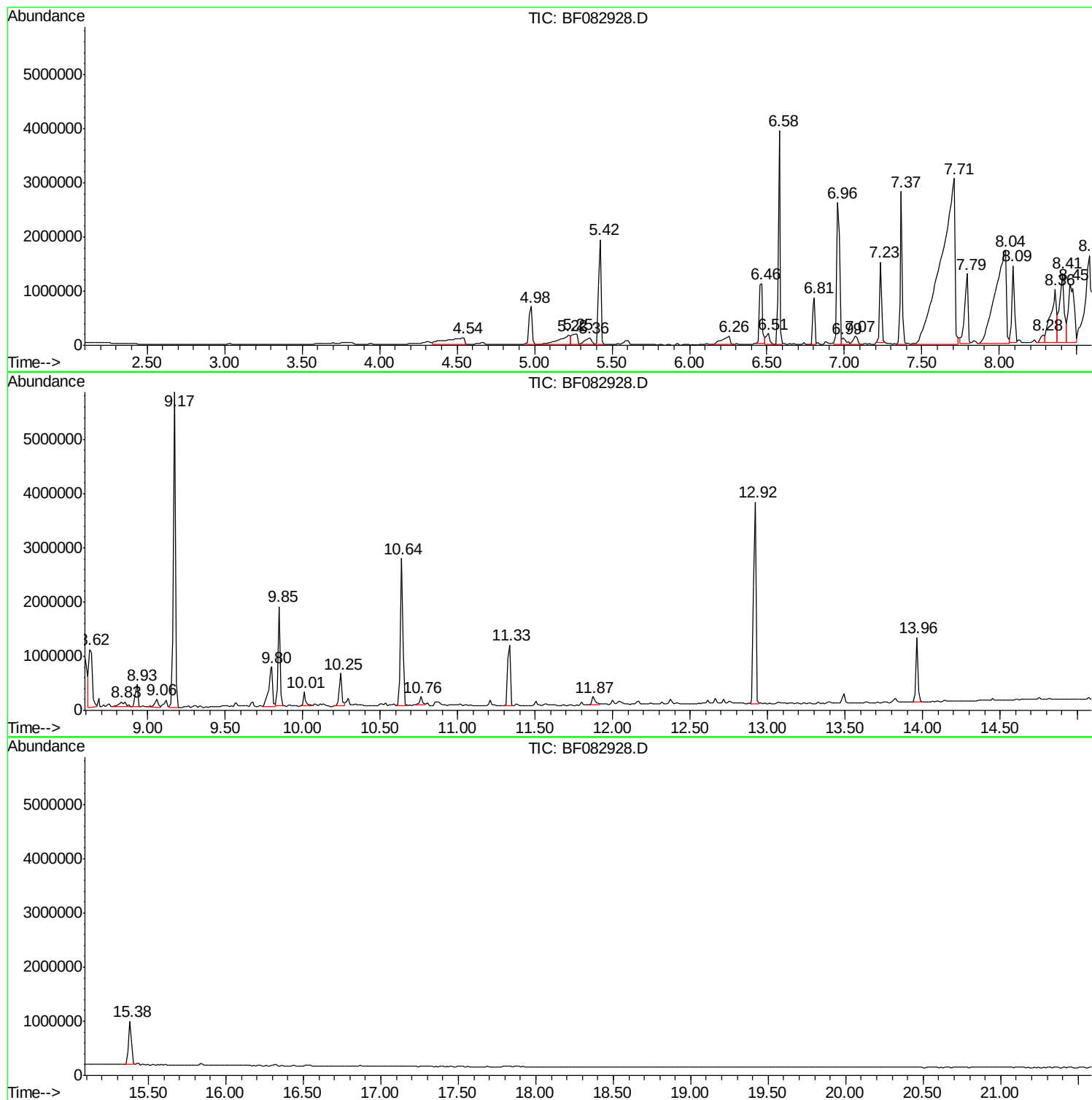
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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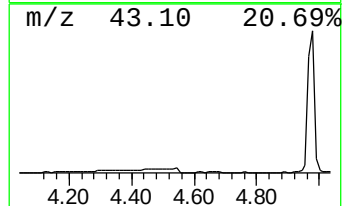
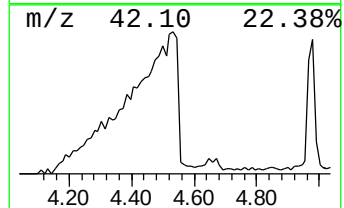
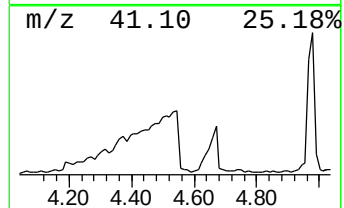
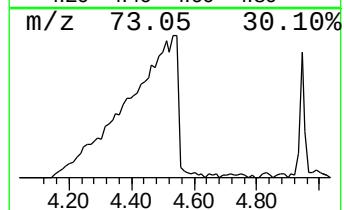
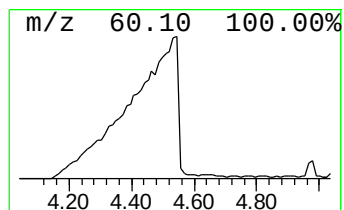
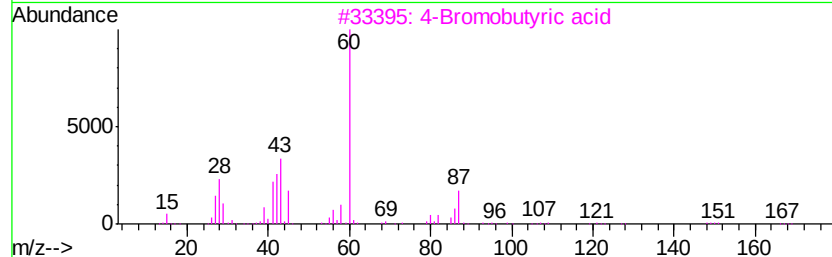
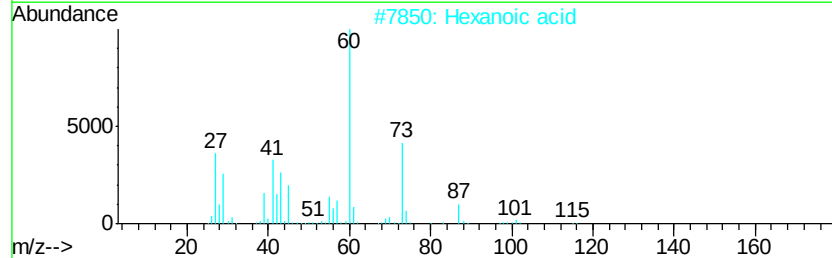
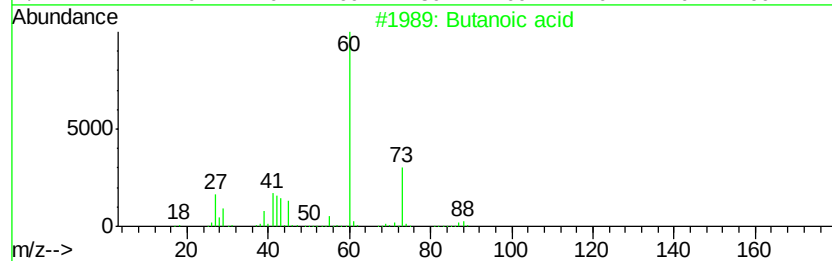
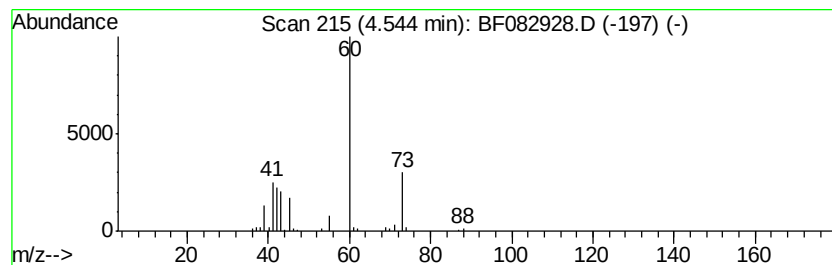
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	19.17 ng	1069080	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid	88	C4H8O2	000107-92-6	72
2		Hexanoic acid	116	C6H12O2	000142-62-1	9
3		4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9
4		Isobutylamine	73	C4H11N	000078-81-9	7
5		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	5



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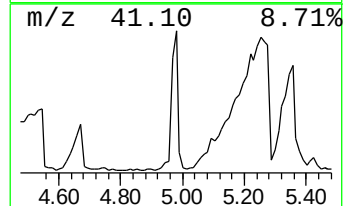
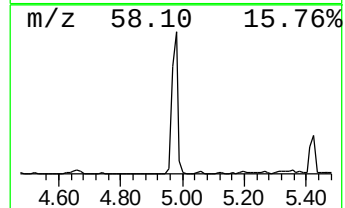
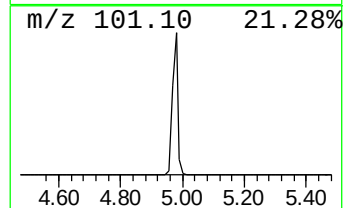
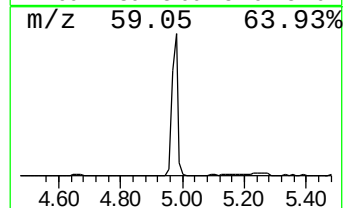
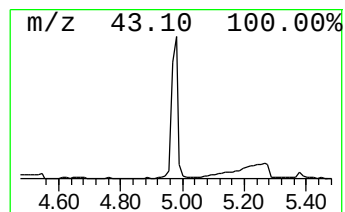
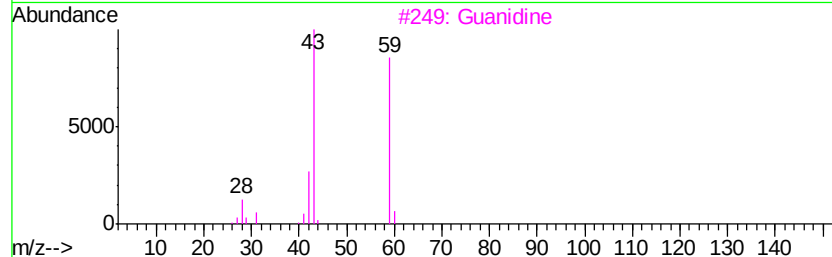
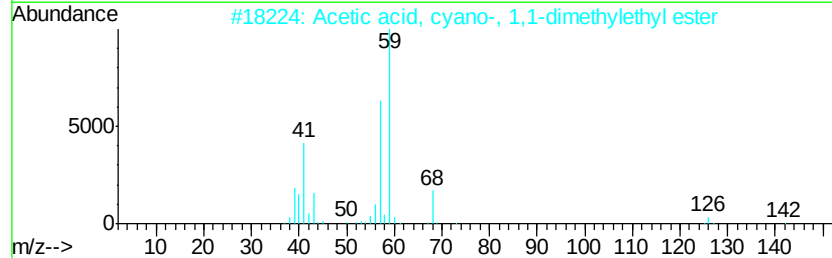
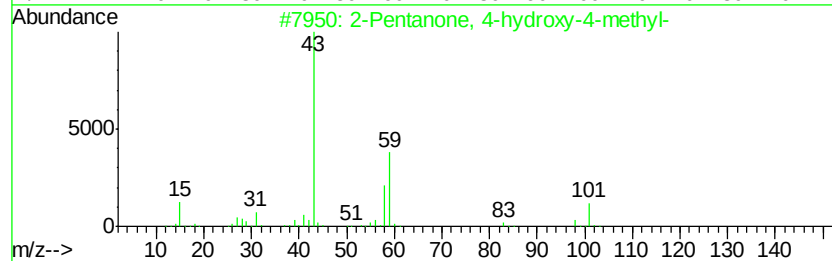
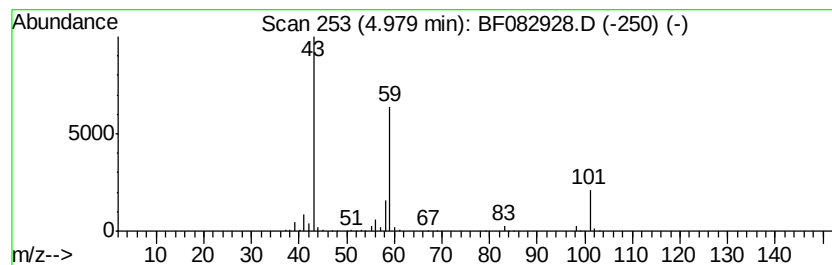
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	16.46 ng	917632	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			Guanidine	59	CH5N3	000113-00-8	9
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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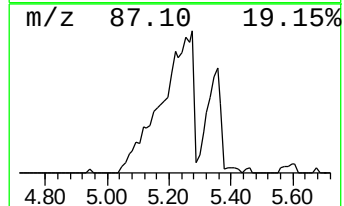
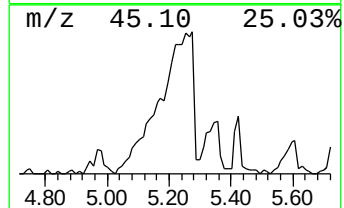
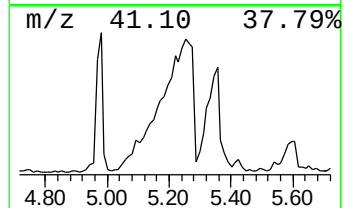
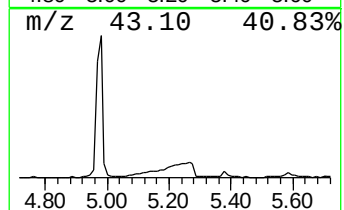
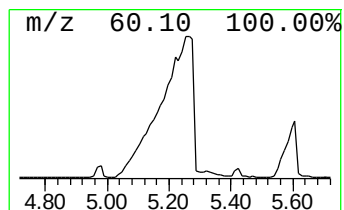
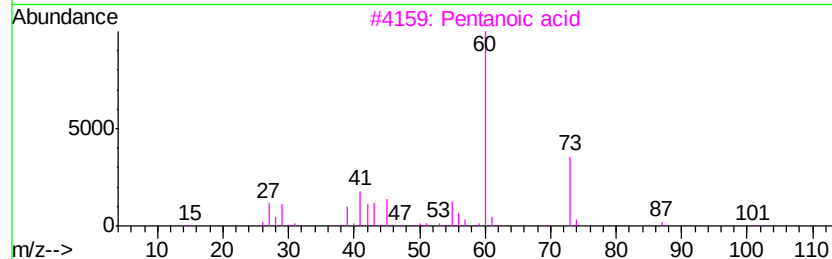
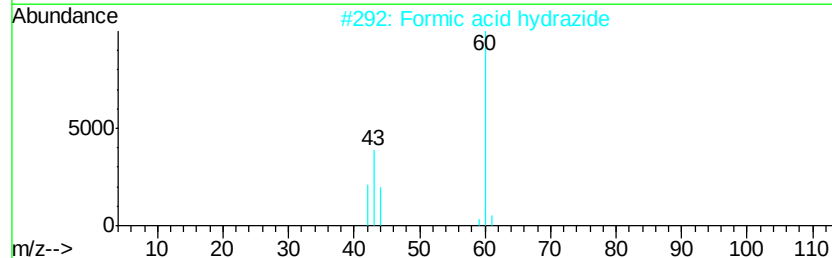
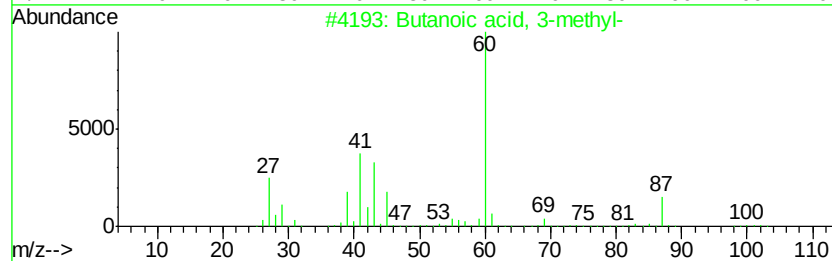
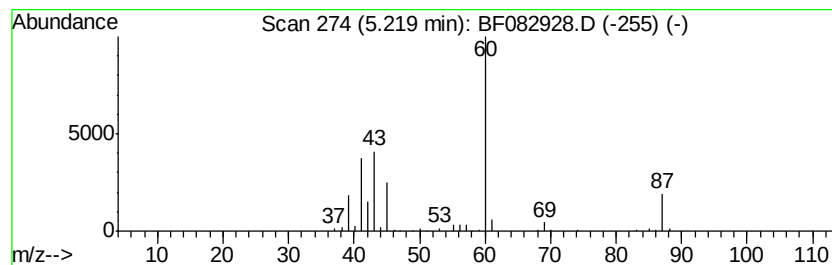
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	14.93 ng	832277	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
2		Formic acid hydrazide	60	CH4N2O	000624-84-0	38
3		Pentanoic acid	102	C5H10O2	000109-52-4	36
4		1-Pentanamine	87	C5H13N	000110-58-7	9
5		Morpholine	87	C4H9NO	000110-91-8	9



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ClientSampled :
URS-MW-04

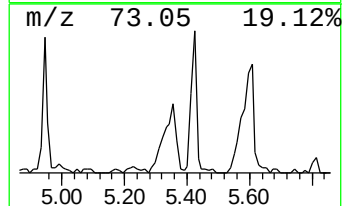
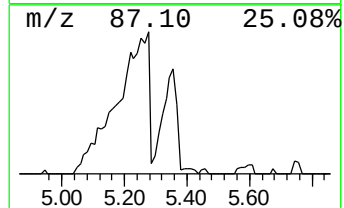
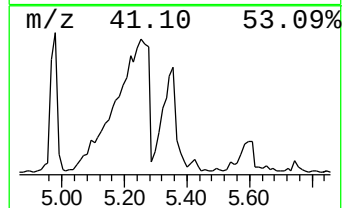
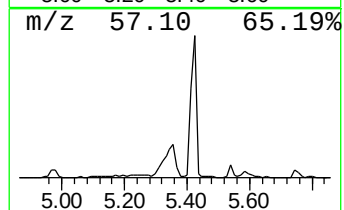
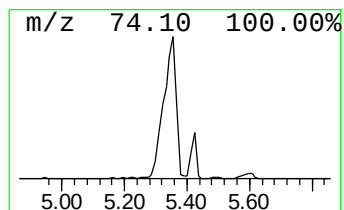
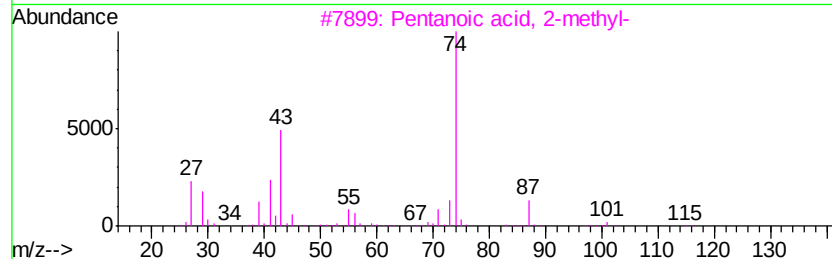
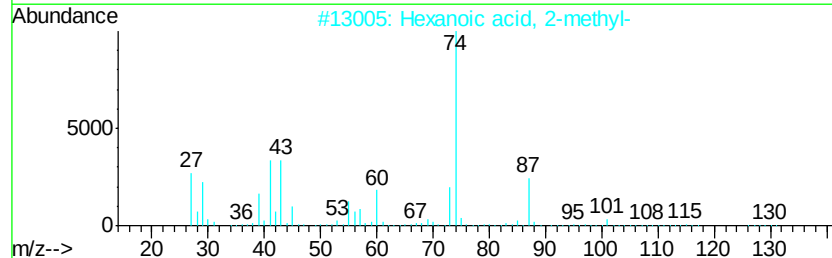
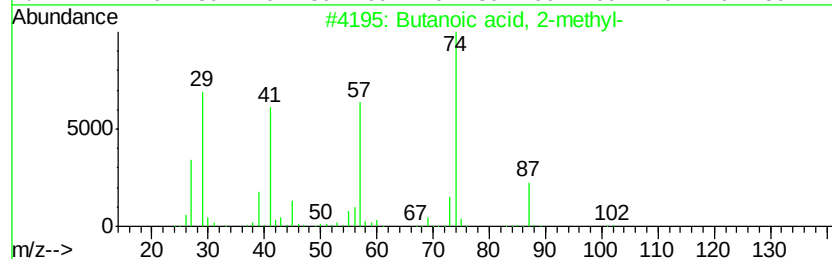
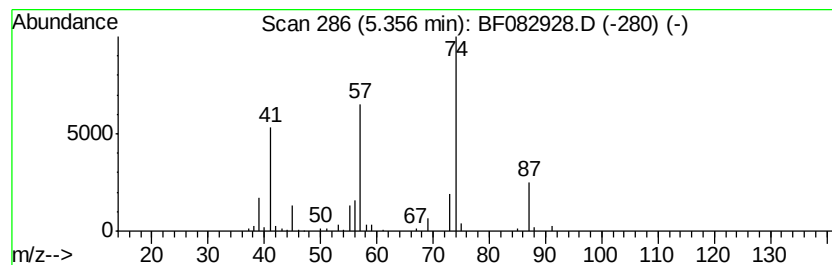
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Butanoic acid, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	6.55 ng	365158	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2		Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	64
3		Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	12
4		Oxirane, 2,2'-(oxybis(methylene))...	130	C6H10O3	002238-07-5	10
5		Propanoic acid	74	C3H6O2	000079-09-4	9



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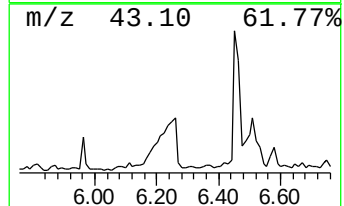
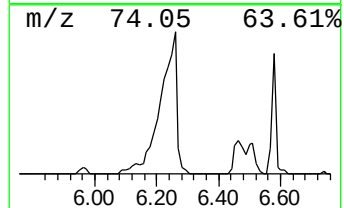
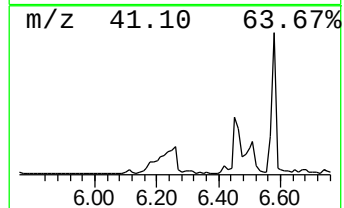
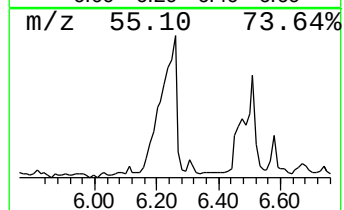
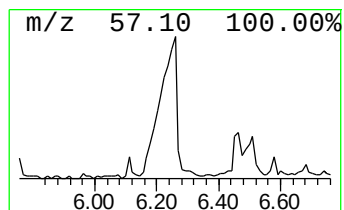
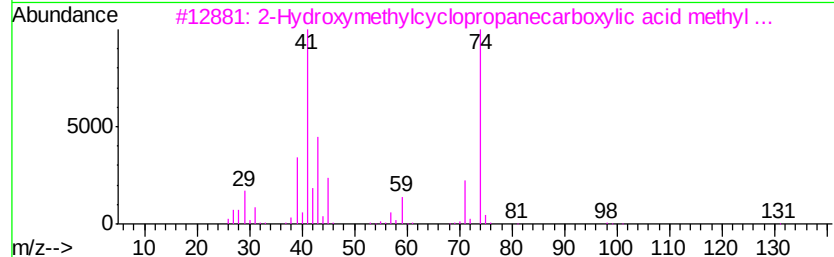
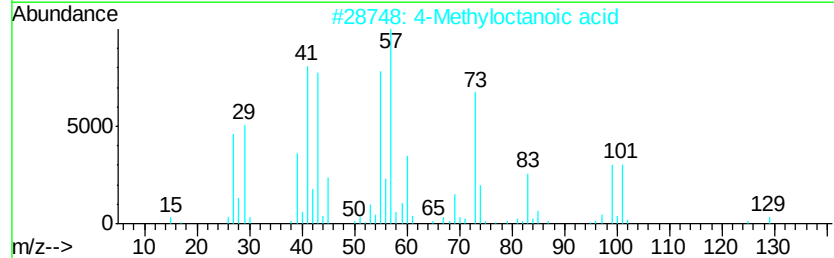
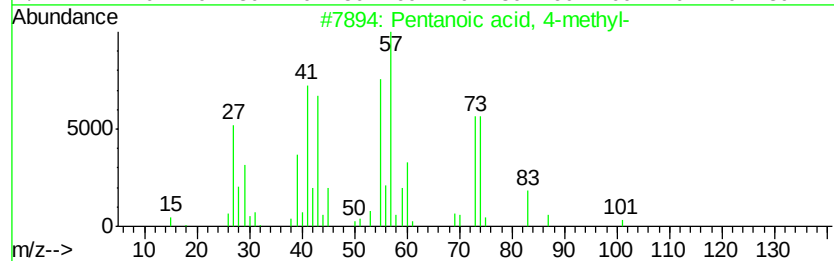
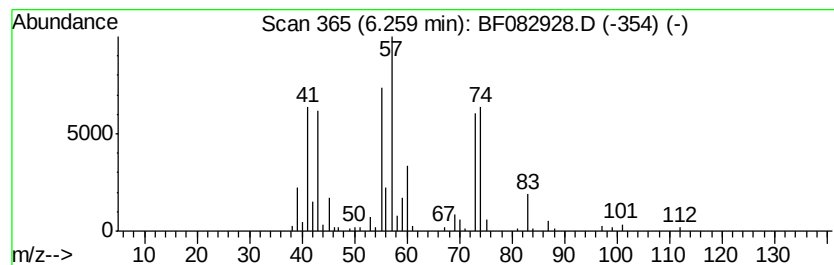
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Pentanoic acid, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	10.72 ng	597830	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	91
2		4-Methyloctanoic acid	158	C9H18O2	054947-74-9	45
3		2-Hydroxymethylcyclopropanecarbo...	130	C6H10O3	1000222-09-7	22
4		Thiirane, methyl-	74	C3H6S	001072-43-1	22
5		dl-Homoserine	119	C4H9NO3	001927-25-9	17



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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

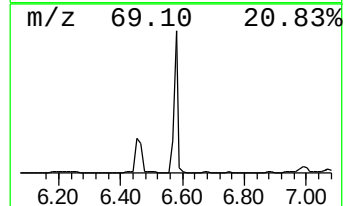
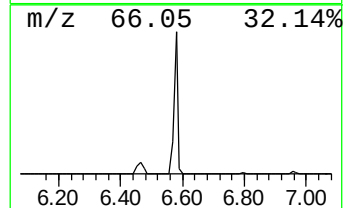
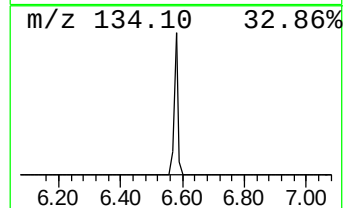
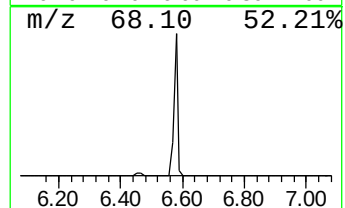
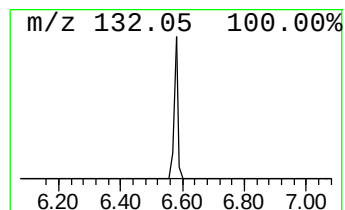
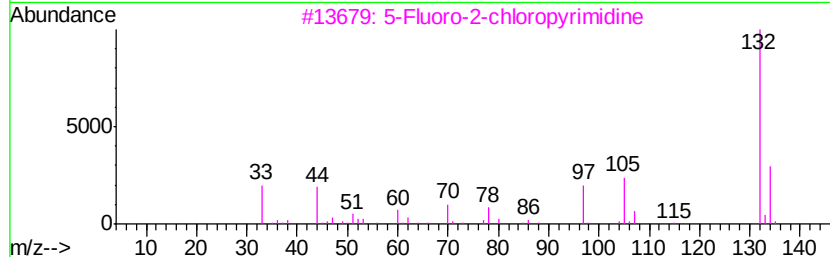
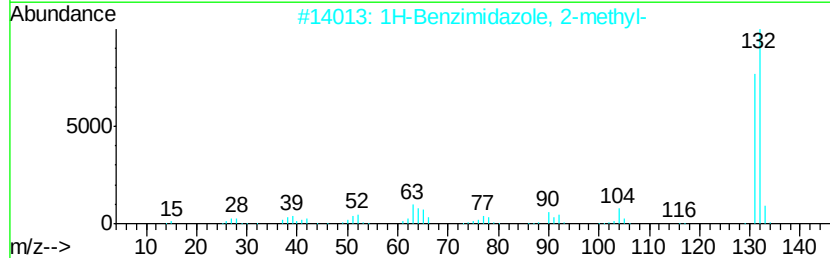
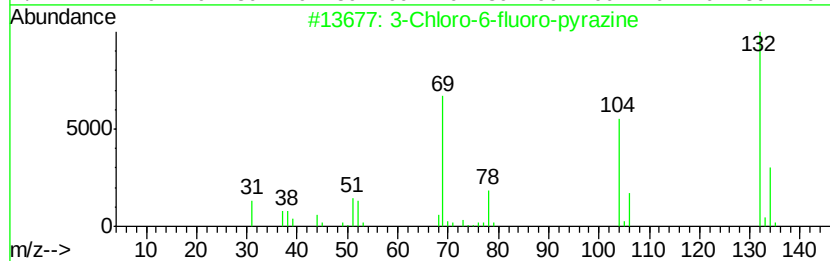
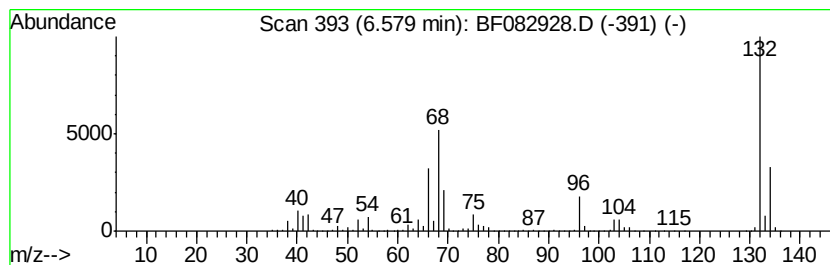
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	61.51 ng	3429390	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-		132	C8H8N2	000615-15-6	12
3	5-Fluoro-2-chloropyrimidine		132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one		96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE		132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

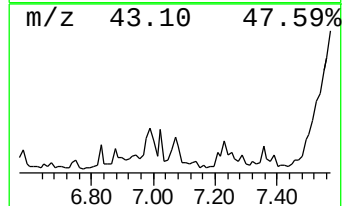
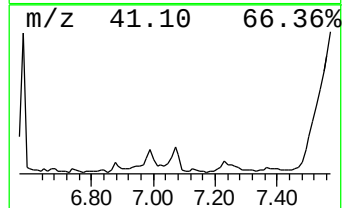
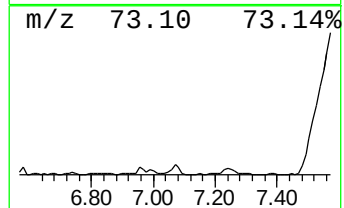
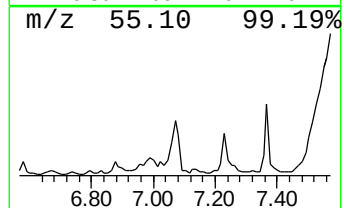
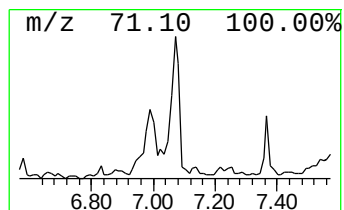
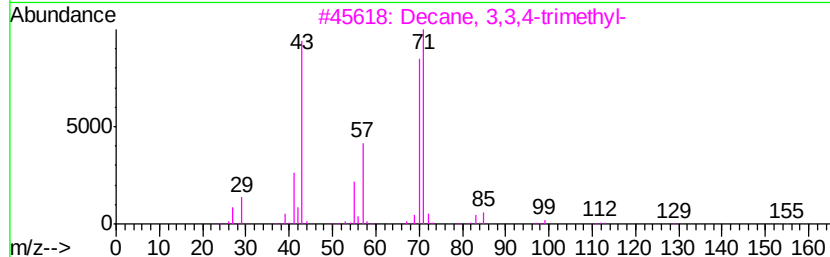
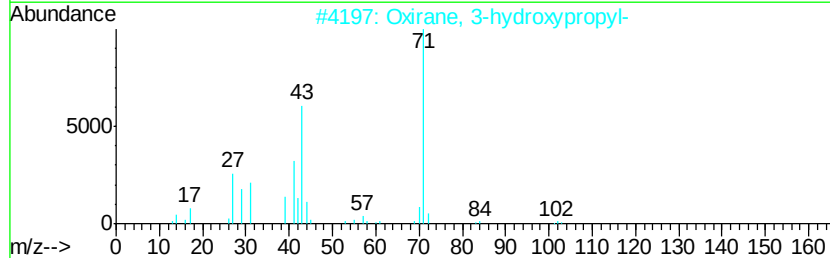
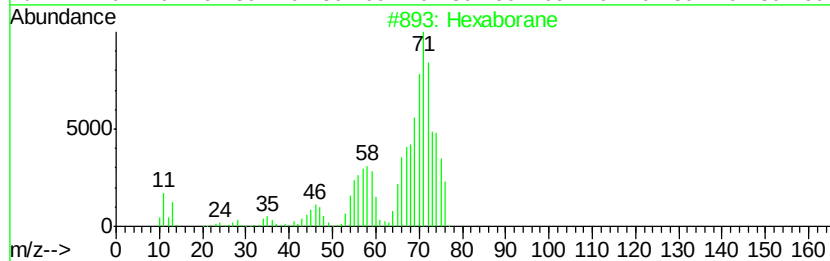
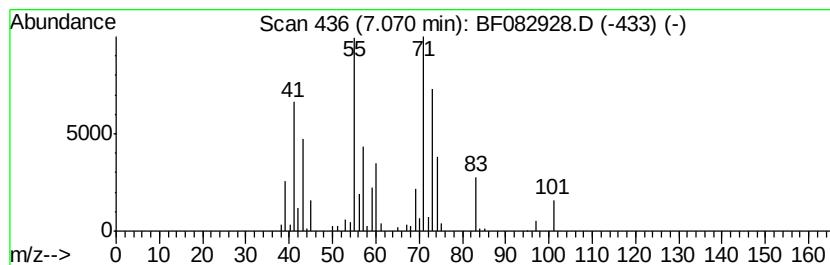
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	4.80 ng	267358	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexaborane	76	B6H10	023777-80-2	46
2			Oxirane, 3-hydroxypropyl-	102	C5H10O2	021915-56-0	12
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	12
4			2-Furanol, tetrahydro-2-methyl-	102	C5H10O2	007326-46-7	12
5			Butanoic acid, anhydride	158	C8H14O3	000106-31-0	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

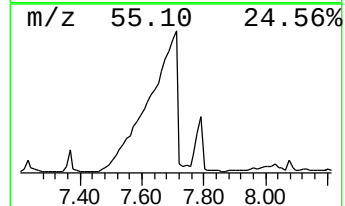
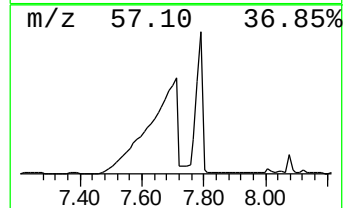
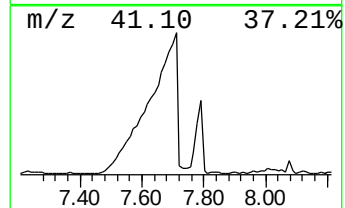
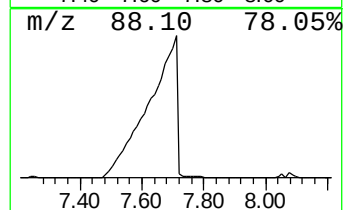
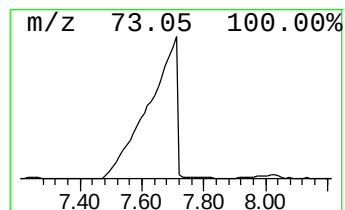
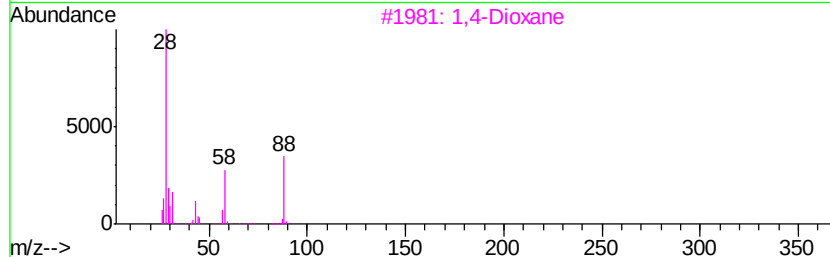
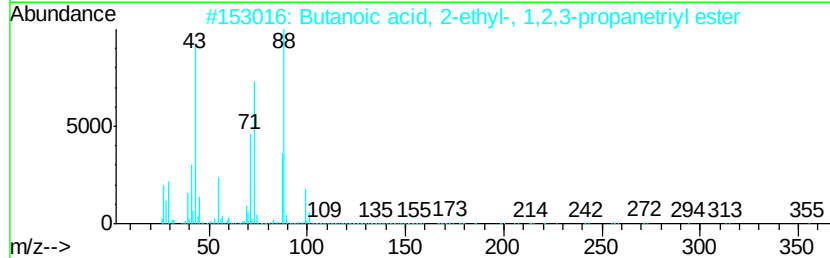
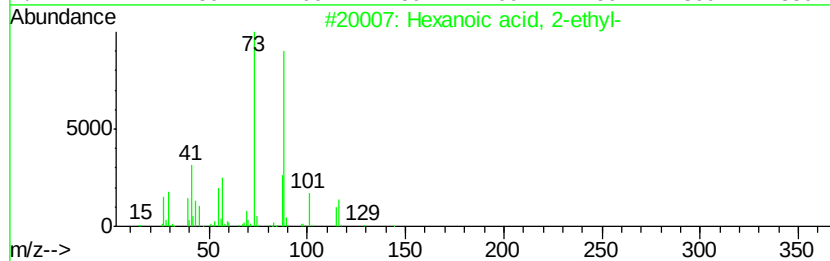
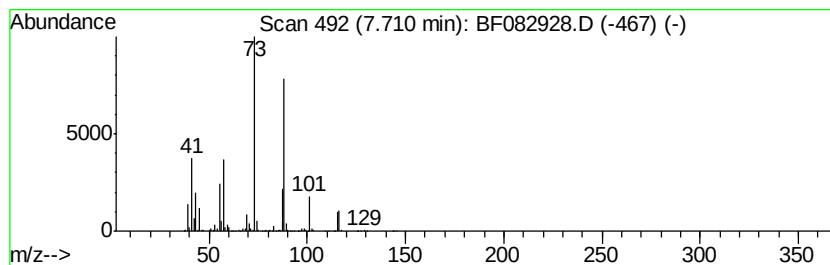
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	246.11 ng	19436200	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3		1,4-Dioxane	88	C4H8O2	000123-91-1	43
4		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40
5		Octanoic acid, ethyl ester	172	C10H20O2	000106-32-1	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

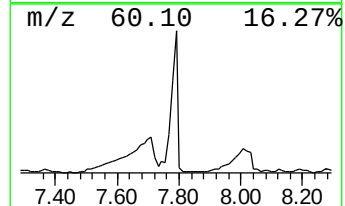
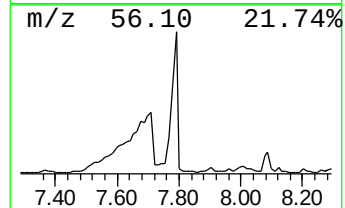
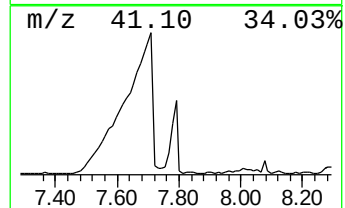
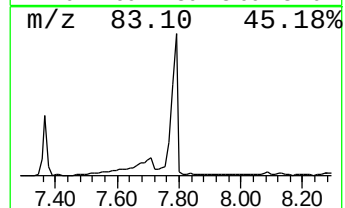
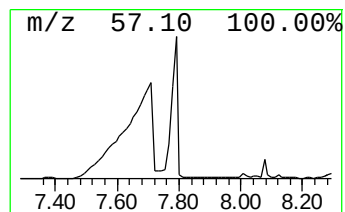
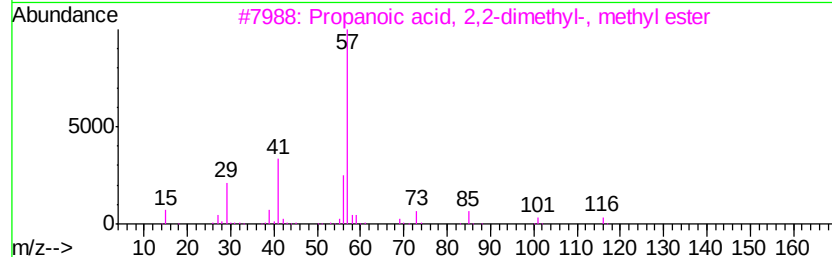
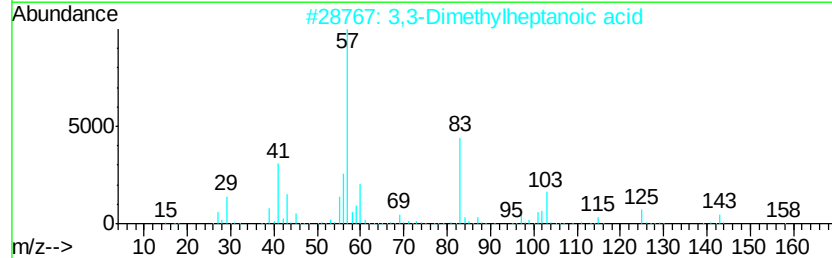
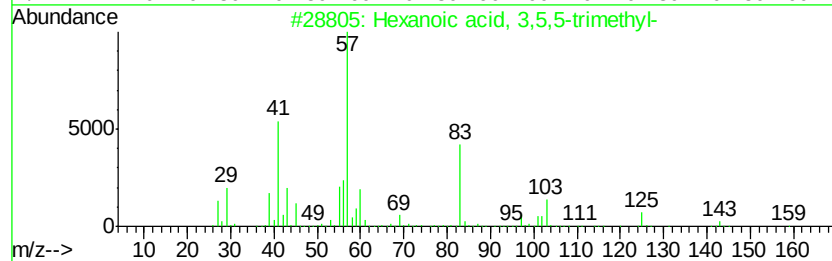
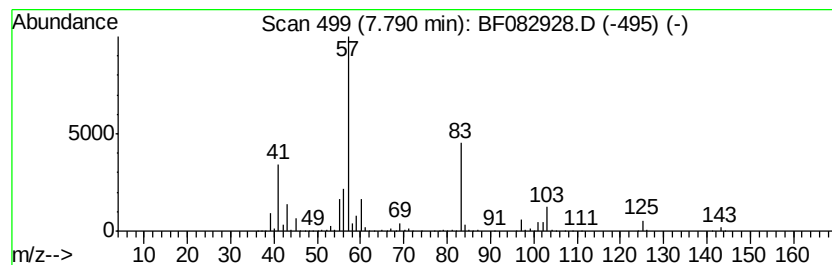
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexanoic acid, 3,5,5-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	23.03 ng	1818950	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	83
2		3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	53
3		Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	27
4		Pivalic acid, 2-methylpropyl ester	158	C9H18O2	005129-38-4	12
5		Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
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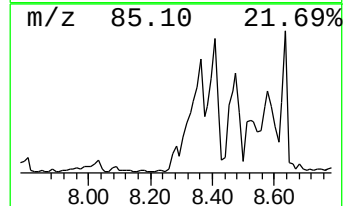
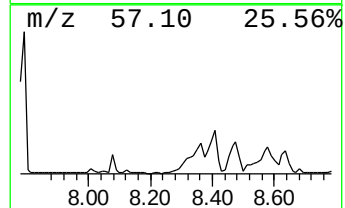
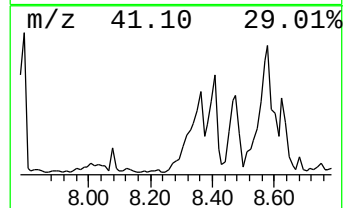
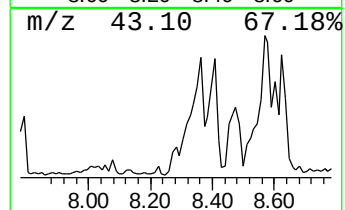
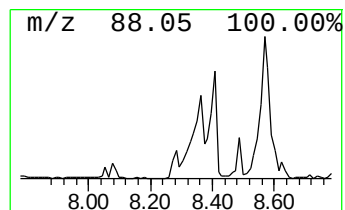
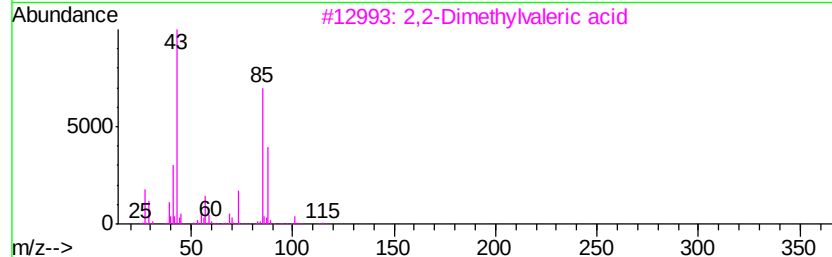
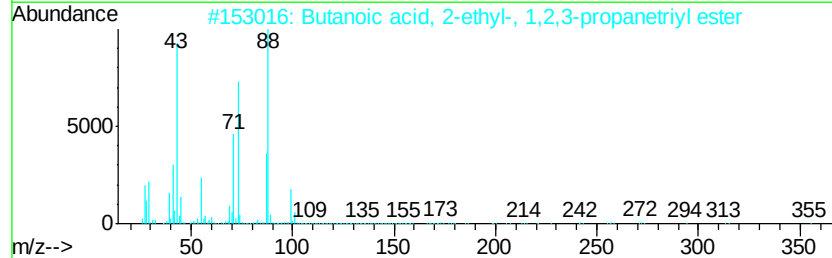
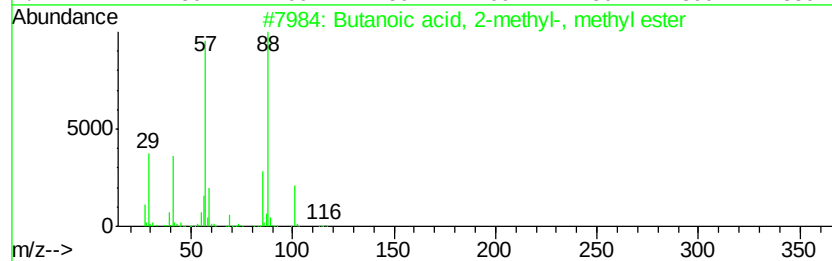
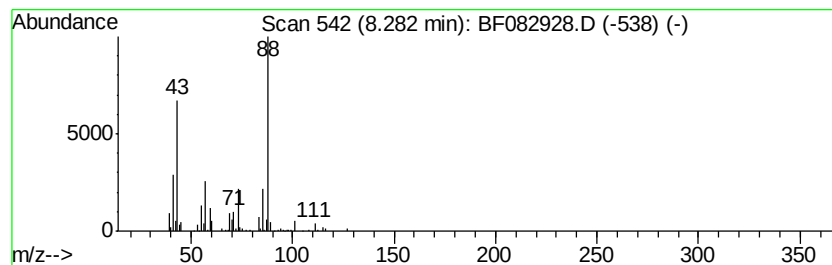
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Butanoic acid, 2-methyl-, m... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	3.81 ng	301249	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	53
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38
3		2,2-Dimethylvaleric acid	130	C7H14O2	001185-39-3	37
4		Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	36
5		Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	33



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
URS-MW-04

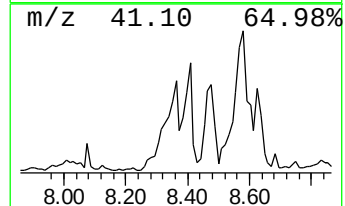
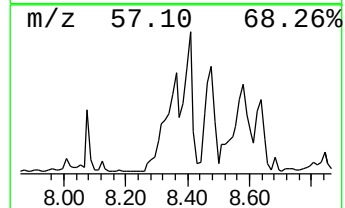
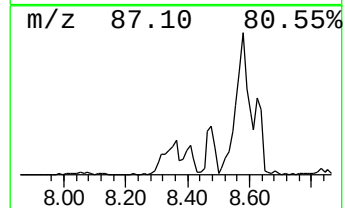
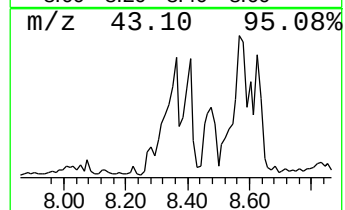
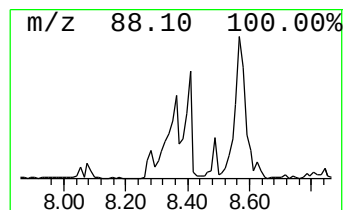
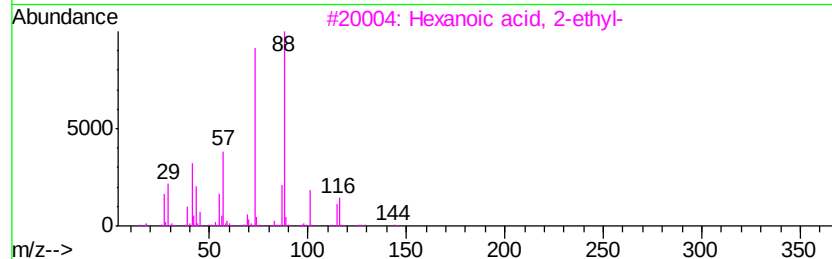
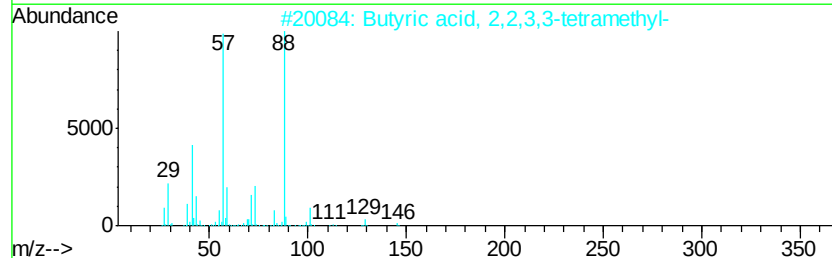
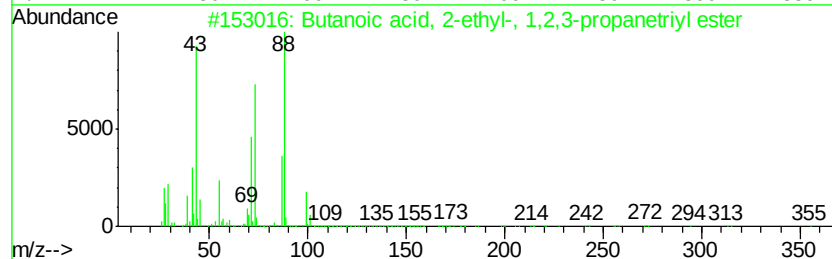
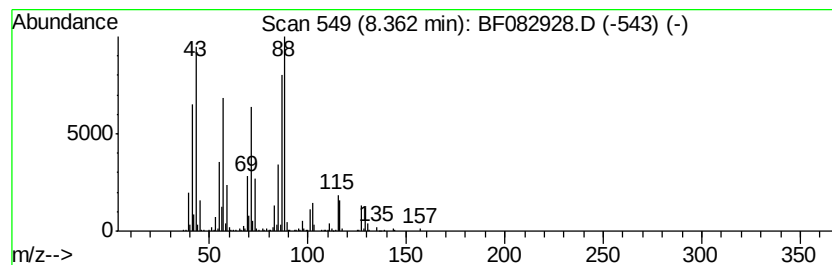
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	34.66 ng	2736870	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	35
2		Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	27
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	22
4		Butanoic acid, 2-ethyl-3-oxo-, m...	144	C7H12O3	051756-08-2	22
5		Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
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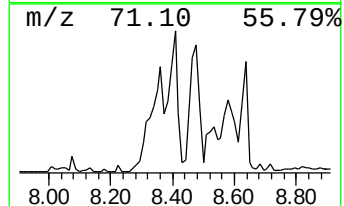
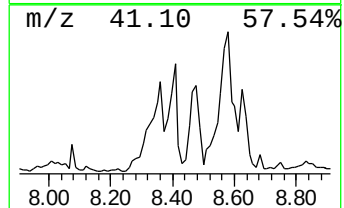
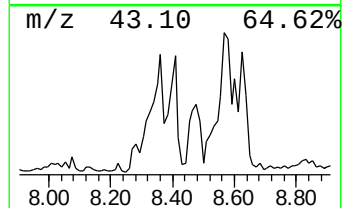
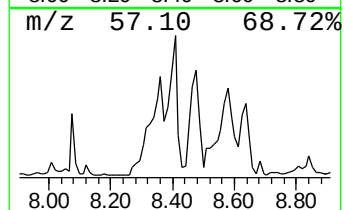
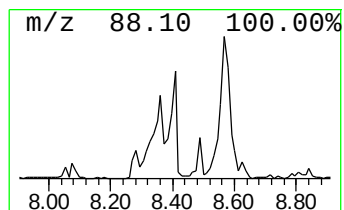
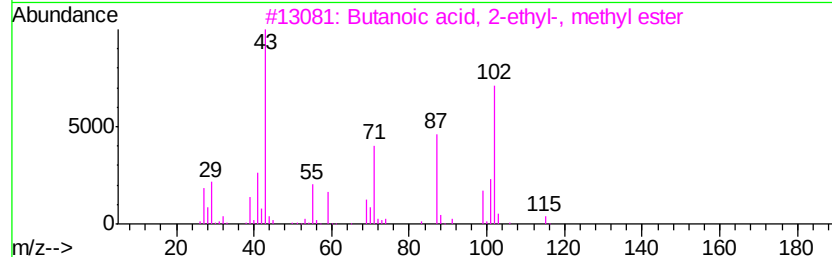
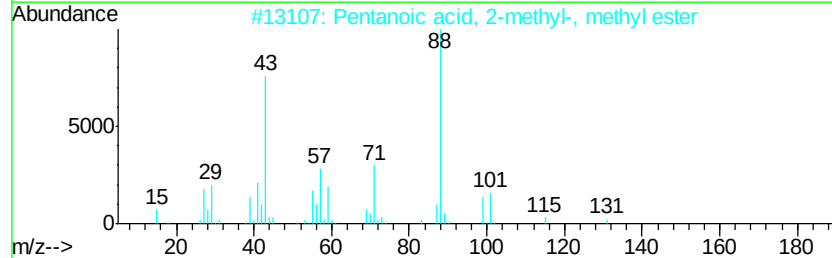
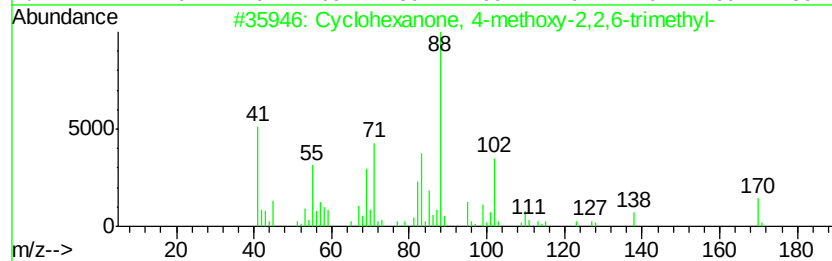
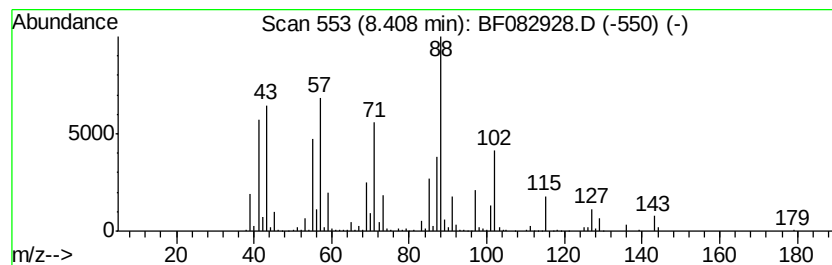
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	31.54 ng	2490990	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 4-methoxy-2,2,6-t...	170	C10H18O2	017429-03-7	40
2		Pentanoic acid, 2-methyl-, methyl...	130	C7H14O2	002177-77-7	35
3		Butanoic acid, 2-ethyl-, methyl ...	130	C7H14O2	000816-11-5	35
4		Propanedioic acid, dimethyl-, bi...	244	C13H24O4	057983-08-1	32
5		Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

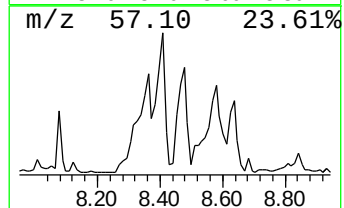
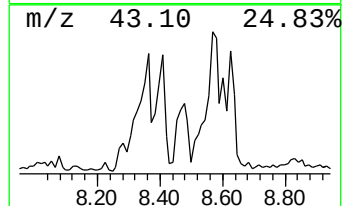
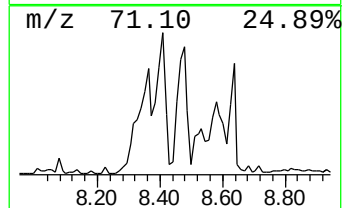
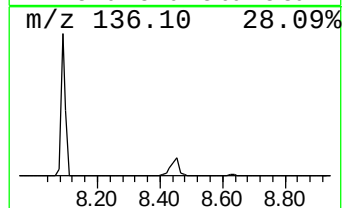
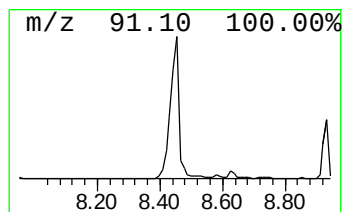
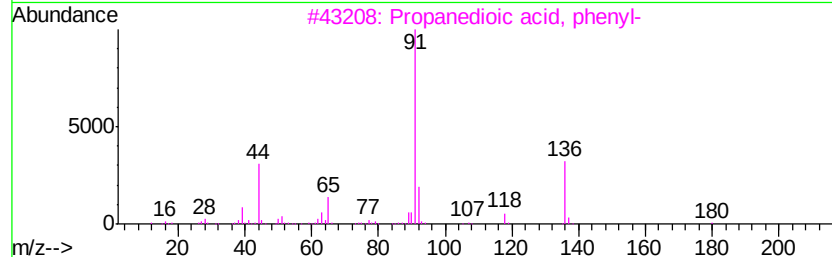
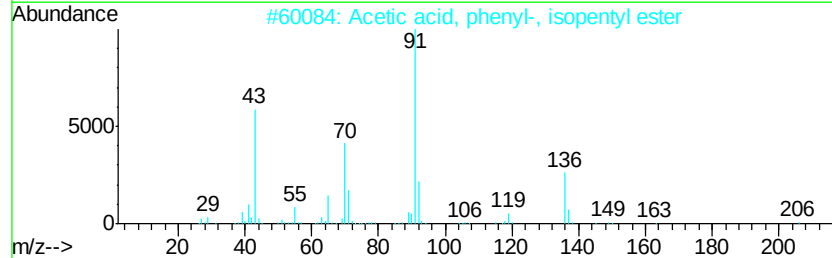
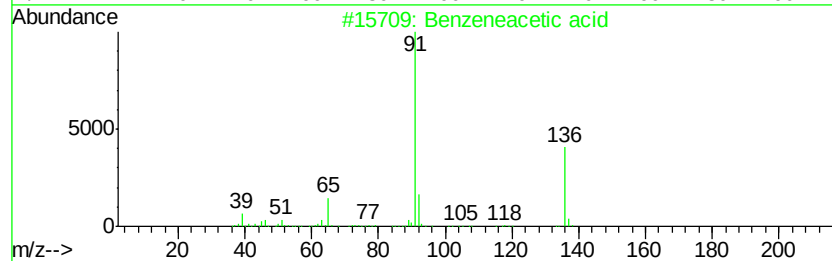
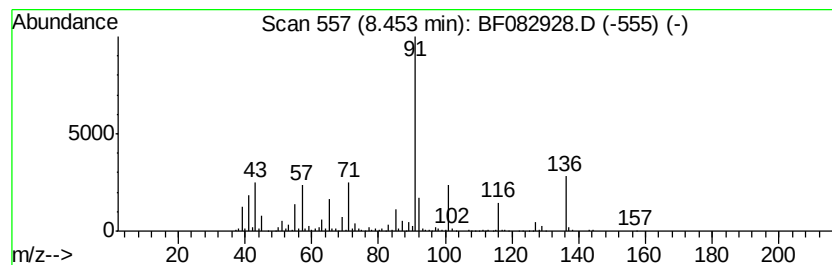
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown8.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	36.83 ng	2908190	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid	136	C8H8O2	000103-82-2	38
2		Acetic acid, phenyl-, isopentyl ...	206	C13H18O2	000102-19-2	38
3		Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	27
4		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	11
5		2-Benzylsulfanyl-6-fluoro-4-nitr...	288	C14H9FN2O2S	1000294-95-9	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

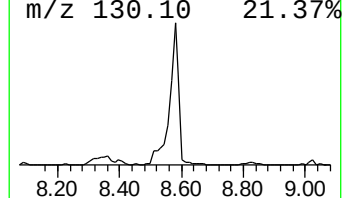
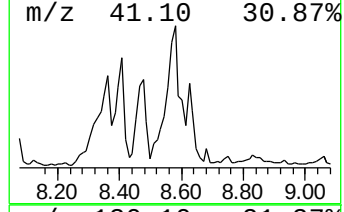
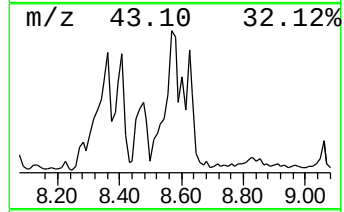
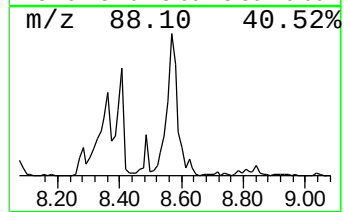
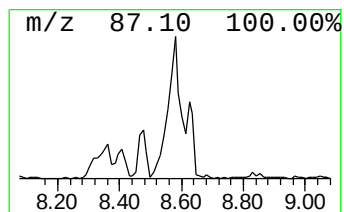
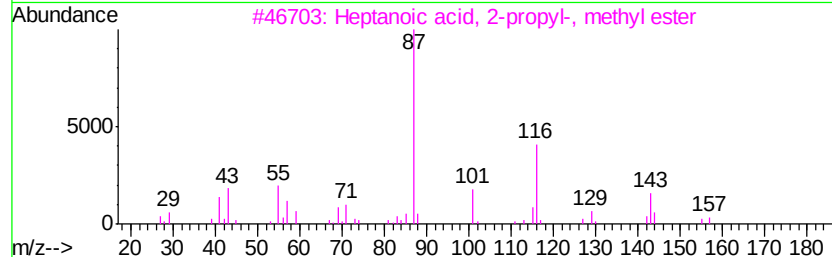
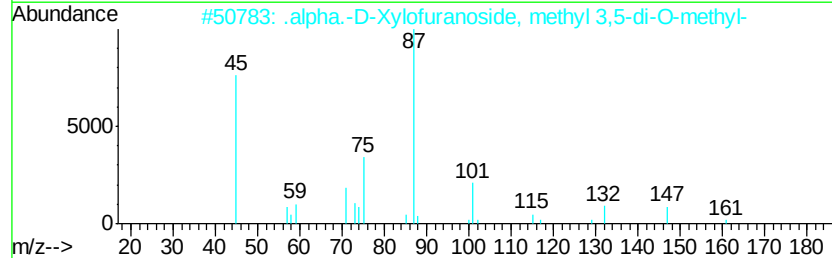
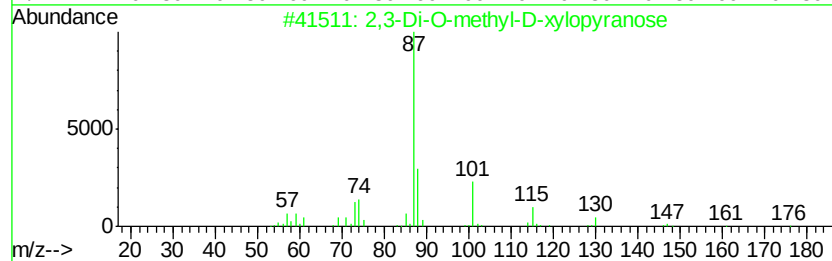
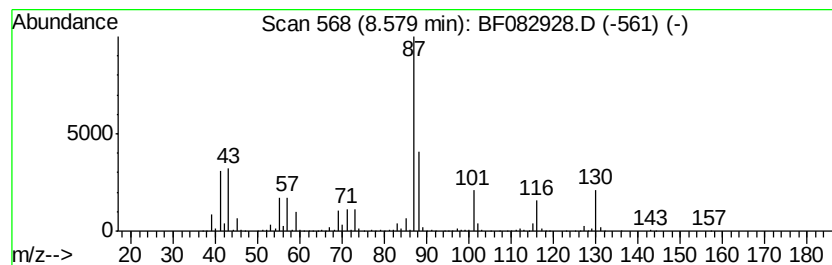
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,3-Di-O-methyl-D-xylopyranose Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	65.88 ng	5202480	Napthalene-d8	8.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,3-Di-O-methyl-D-xylopyranose	178 C7H14O5	018186-26-0	50
2	.alpha.-D-Xylofuranoside, methyl...	192 C8H16O5	003253-83-6	50
3	Heptanoic acid, 2-propyl-, methyl...	186 C11H22O2	056247-53-1	47
4	Thiophane, propyl-	130 C7H14S	001551-34-4	40
5	Pivaloin	172 C10H20O2	000815-66-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

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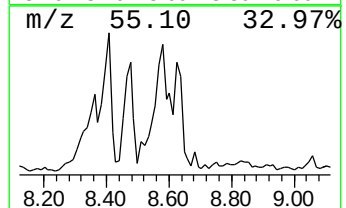
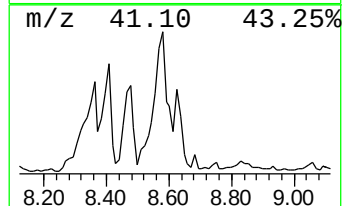
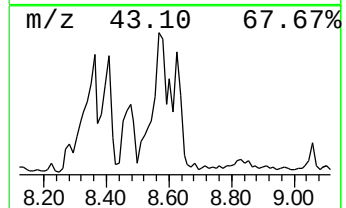
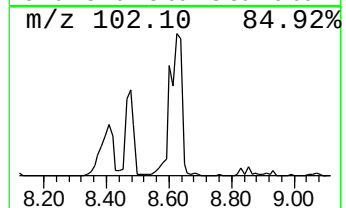
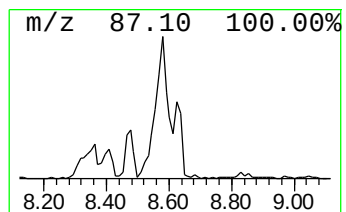
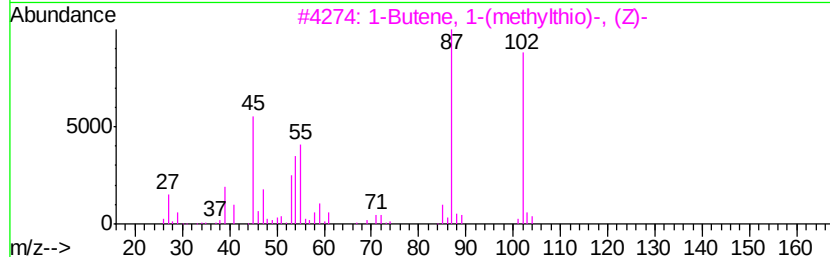
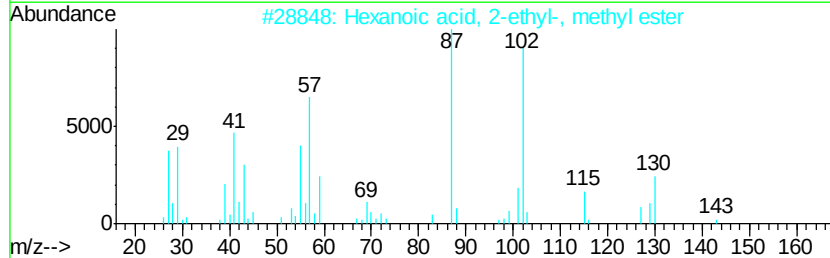
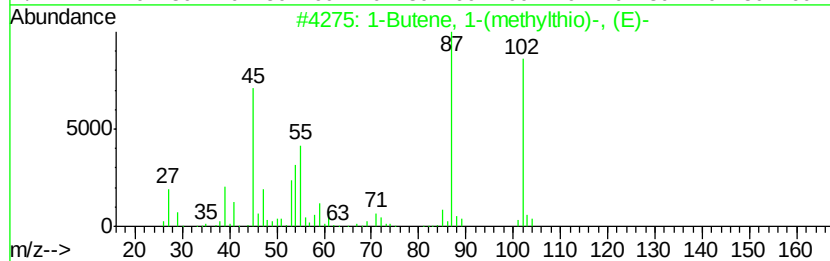
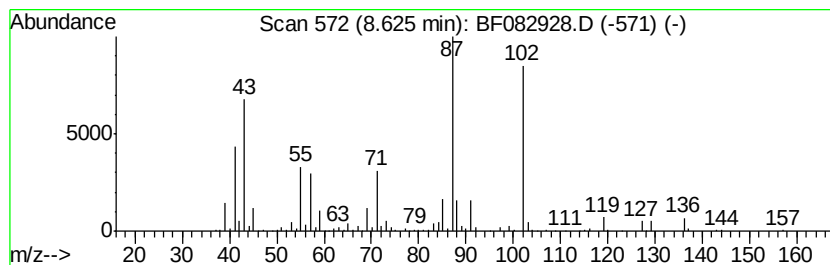
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Butene, 1-(methylthio)-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	19.99 ng	1578790	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	64
2		Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	59
3		1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	45
4		3,4-Dihydroxyproline	147	C5H9NO4	1000132-90-7	45
5		Butanoic acid, 2,2-dimethyl-3-ox...	144	C7H12O3	038923-57-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

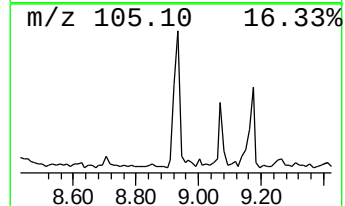
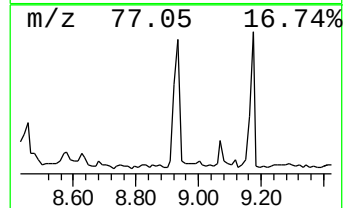
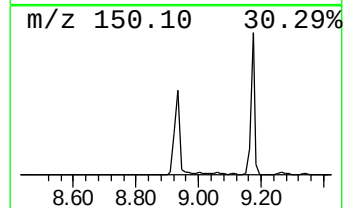
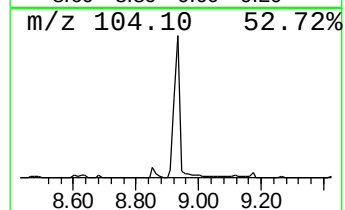
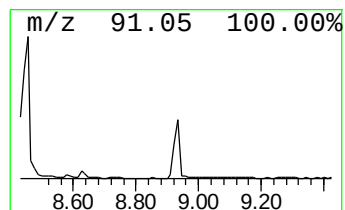
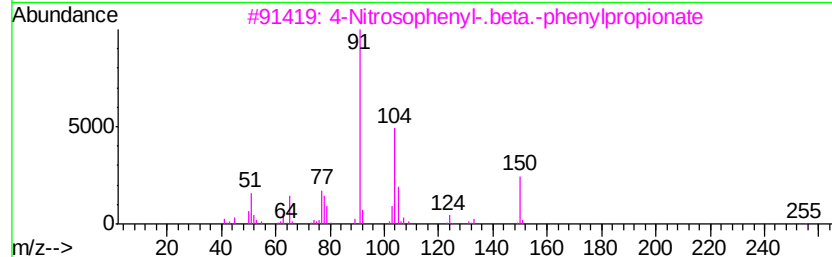
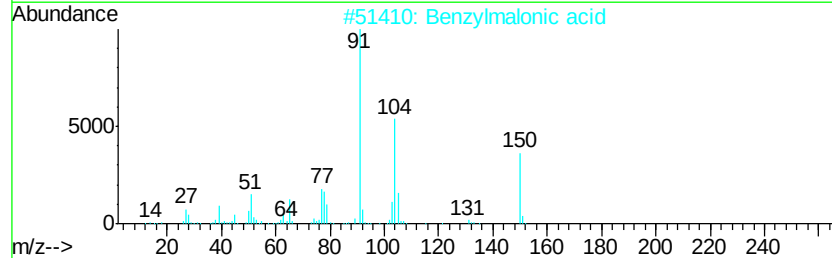
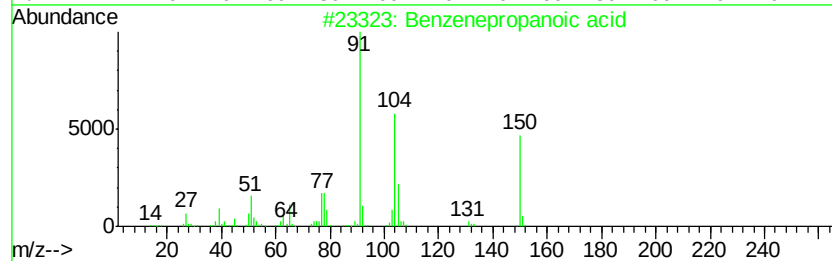
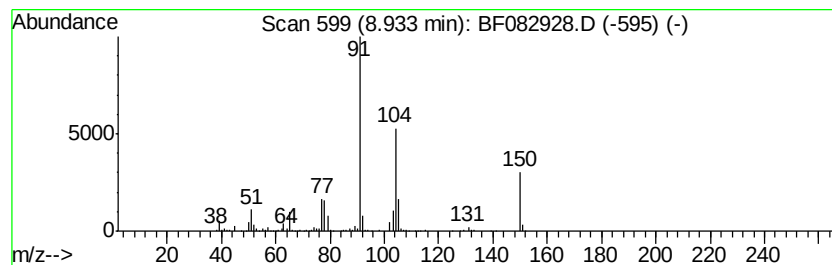
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzenepropanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	6.29 ng	497085	Napthalene-d8	8.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzenepropanoic acid	150 C9H10O2	000501-52-0 91
2		Benzylmalonic acid	194 C10H10O4	000616-75-1 91
3		4-Nitrosophenyl-.beta.-phenylpro...	255 C15H13NO3	1000129-40-0 78
4		3-Phenyl-propionic acid, isoprop...	192 C12H16O2	022767-95-9 78
5		Benzenepropanoic acid, octyl ester	262 C17H26O2	037826-57-6 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

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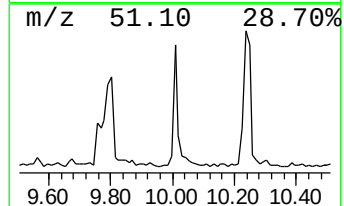
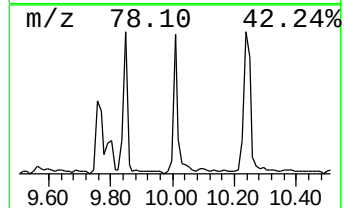
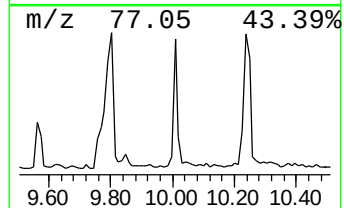
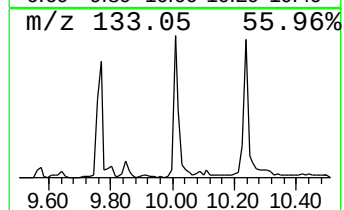
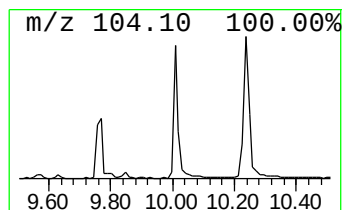
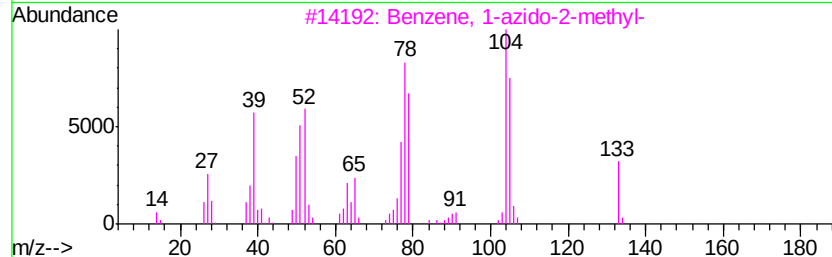
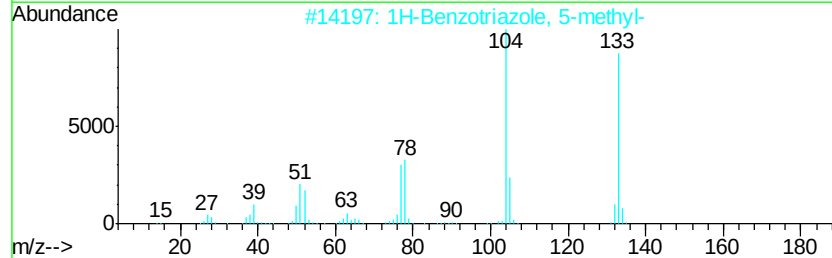
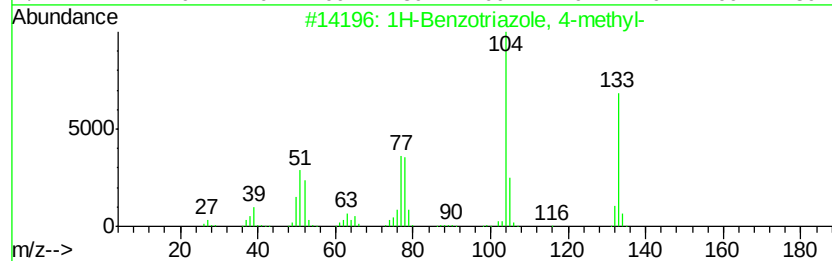
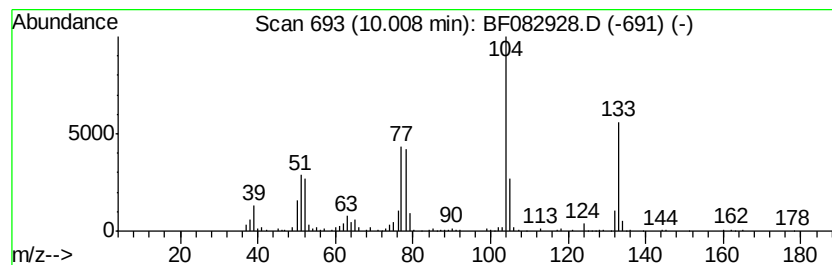
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1H-Benzotriazole, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	3.87 ng	305359	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2			1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3			Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	64
4			Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	62
5			2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
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Acq On : 14 Nov 2015 7:11
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ALS Vial : 34 Sample Multiplier: 1

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URS-MW-04

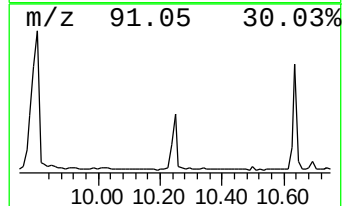
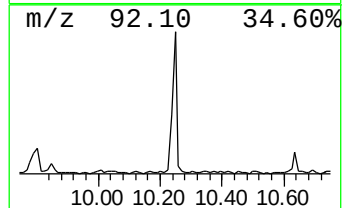
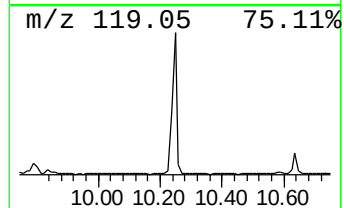
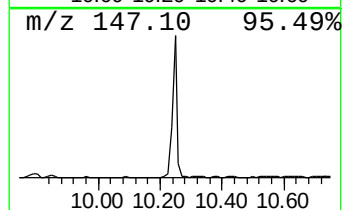
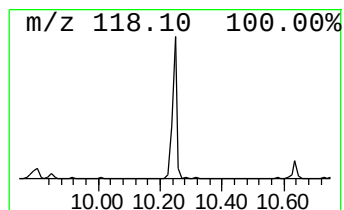
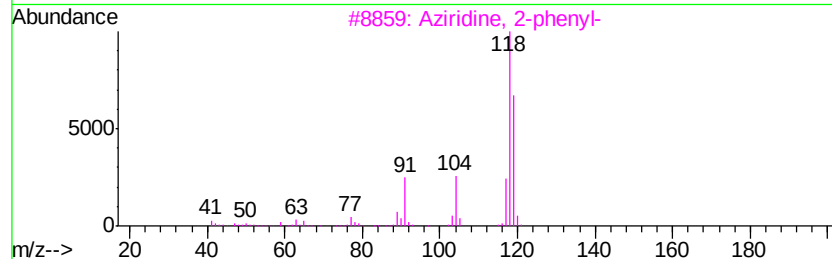
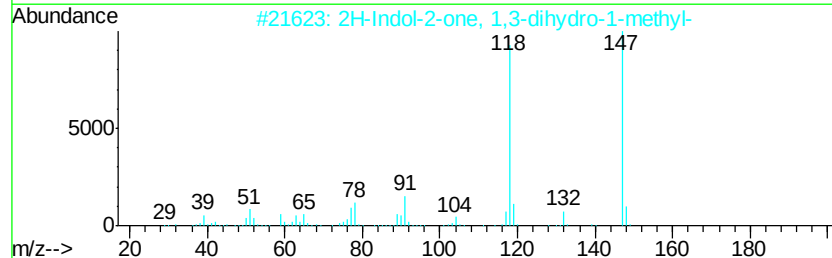
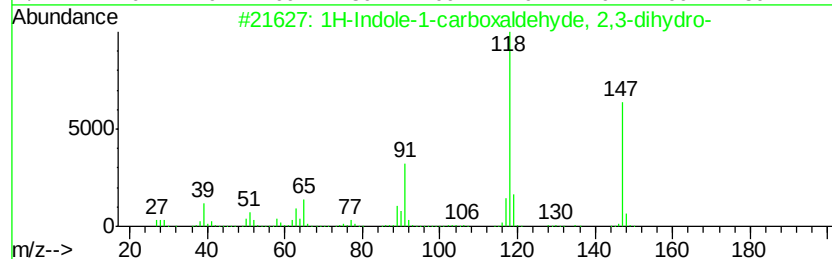
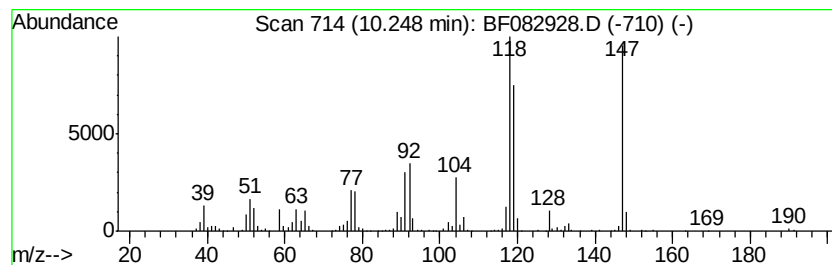
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1H-Indole-1-carboxaldehyde,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	10.70 ng	845334	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	60
2			2H-Indol-2-one, 1,3-dihydro-1-me...	147	C9H9NO	000061-70-1	58
3			Aziridine, 2-phenyl-	119	C8H9N	001499-00-9	55
4			Methanamine, N-(phenylmethylene)-	119	C8H9N	000622-29-7	53
5			(2-Benzimidazolyl)methylamine	147	C8H9N3	005805-57-2	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082928.D
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 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanoic acid	4.54	19.2	ng	1069080	1	6.81	1115120	20.0
2-Pentanone, 4-hy...	4.98	16.5	ng	917632	1	6.81	1115120	20.0
Butanoic acid, 3-...	5.22	14.9	ng	832277	1	6.81	1115120	20.0
Butanoic acid, 2-...	5.36	6.5	ng	365158	1	6.81	1115120	20.0
Pentanoic acid, 4...	6.26	10.7	ng	597830	1	6.81	1115120	20.0
unknown6.58	6.58	61.5	ng	3429390	1	6.81	1115120	20.0
unknown7.07	7.07	4.8	ng	267358	1	6.81	1115120	20.0
Hexanoic acid, 2-...	7.71	246.1	ng	19436200	2	8.09	1579460	20.0
Hexanoic acid, 3,...	7.79	23.0	ng	1818950	2	8.09	1579460	20.0
Butanoic acid, 2-...	8.28	3.8	ng	301249	2	8.09	1579460	20.0
unknown8.36	8.36	34.7	ng	2736870	2	8.09	1579460	20.0
unknown8.41	8.41	31.5	ng	2490990	2	8.09	1579460	20.0
unknown8.45	8.45	36.8	ng	2908190	2	8.09	1579460	20.0
2,3-Di-O-methyl-D...	8.58	65.9	ng	5202480	2	8.09	1579460	20.0
1-Butene, 1-(meth...	8.62	20.0	ng	1578790	2	8.09	1579460	20.0
Benzenepropanoic ...	8.93	6.3	ng	497085	2	8.09	1579460	20.0
1H-Benzotriazole,...	10.01	3.9	ng	305359	3	9.85	1579600	20.0
1H-Indole-1-carbo...	10.25	10.7	ng	845334	3	9.85	1579600	20.0