

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075599.D
 Acq On : 17 Nov 2014 00:25
 Operator : TP / JJ
 Sample : F4738-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4

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-BF111214.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	1.612	43	46	49	rBV	1907542	2007079	100.00%	25.547%
2	1.761	56	59	62	rBV	59730	94043	4.69%	1.197%
3	1.830	64	65	73	rBV	24498	36704	1.83%	0.467%
4	1.967	73	77	84	rBV	347838	516601	25.74%	6.576%
5	2.515	122	125	128	rBV	15164	22999	1.15%	0.293%
6	5.350	370	373	378	rVB	76663	117631	5.86%	1.497%
7	5.853	415	417	420	rBV	305813	295825	14.74%	3.765%
8	7.110	525	527	529	rBV	248928	299806	14.94%	3.816%
9	7.270	538	541	543	rBV	238863	305529	15.22%	3.889%
10	7.556	564	566	568	rBV	161065	164321	8.19%	2.092%
11	7.739	580	582	584	rVB	261597	233068	11.61%	2.967%
12	8.242	623	626	628	rBV	215393	193152	9.62%	2.459%
13	9.133	702	704	707	rBV	258624	226439	11.28%	2.882%
14	10.093	785	788	792	rBV	22293	35515	1.77%	0.452%
15	10.482	819	822	824	rBV	254285	311580	15.52%	3.966%
16	11.316	892	895	897	rBV	257037	251786	12.54%	3.205%
17	11.648	921	924	926	rVB	26727	33610	1.67%	0.428%
18	11.842	937	941	943	rBV	29650	29515	1.47%	0.376%
19	12.299	978	981	983	rBV	176493	214513	10.69%	2.730%
20	13.168	1054	1057	1059	rBV	211866	256052	12.76%	3.259%
21	13.682	1100	1102	1105	rVB	22214	23961	1.19%	0.305%
22	13.854	1115	1117	1120	rBV	50057	69339	3.45%	0.883%
23	14.597	1180	1182	1185	rVB2	13297	21197	1.06%	0.270%
24	14.677	1186	1189	1190	rVV	25992	31044	1.55%	0.395%
25	14.745	1193	1195	1198	rBV4	10617	23527	1.17%	0.299%
26	14.848	1202	1204	1207	rBV3	13453	25935	1.29%	0.330%
27	14.951	1211	1213	1216	rVB	22614	36974	1.84%	0.471%
28	15.020	1217	1219	1226	rBV	78507	145269	7.24%	1.849%
29	15.157	1228	1231	1234	rBV	365082	365182	18.19%	4.648%
30	15.294	1240	1243	1244	rBV2	18242	25925	1.29%	0.330%
31	15.488	1257	1260	1262	rBV4	17402	28764	1.43%	0.366%
32	15.762	1283	1284	1286	rBV	66849	79223	3.95%	1.008%
33	16.243	1324	1326	1328	rBV	36164	40400	2.01%	0.514%
34	16.334	1331	1334	1337	rVV3	24483	50419	2.51%	0.642%

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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

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35	16.460	1342	1345	1352	rBV2	281275	529936	26.40%	6.745%
36	17.260	1413	1415	1418	rBV	67276	87968	4.38%	1.120%
37	18.026	1479	1482	1488	rVB	121294	239295	11.92%	3.046%
38	18.186	1494	1496	1499	rBV	243269	308373	15.36%	3.925%
39	18.723	1540	1543	1545	rBV3	40505	77800	3.88%	0.990%

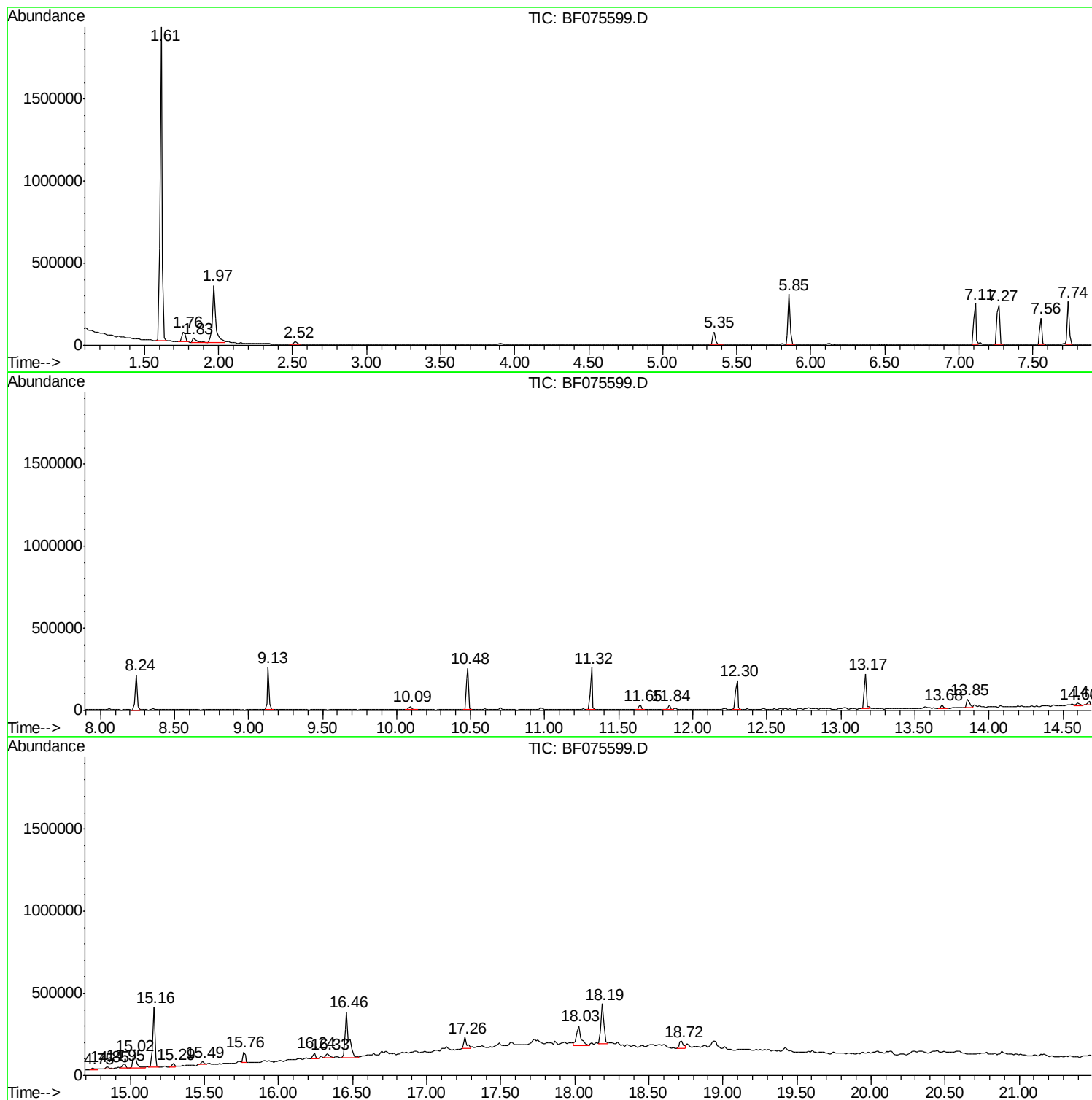
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : F4738-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

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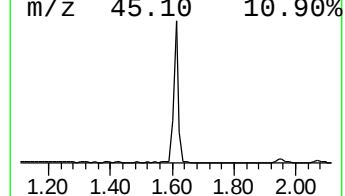
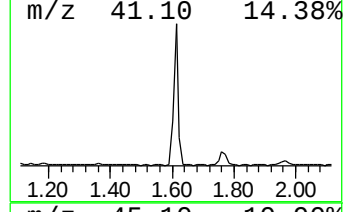
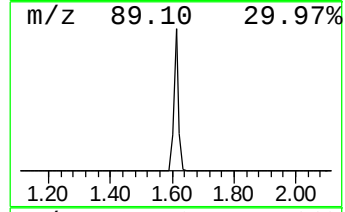
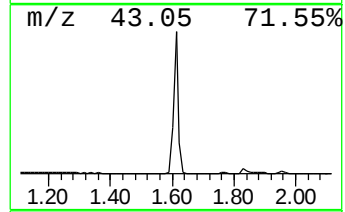
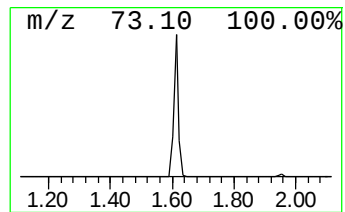
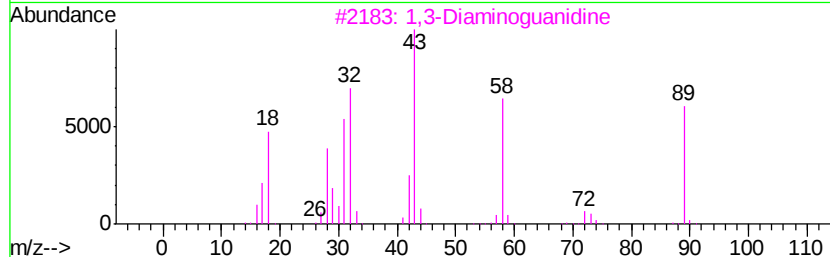
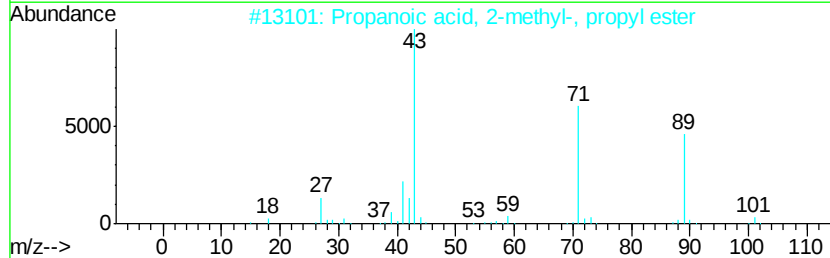
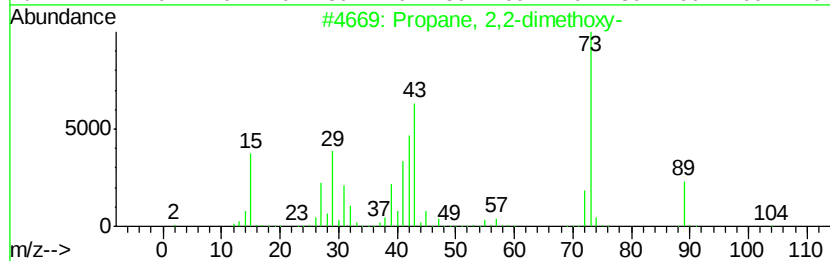
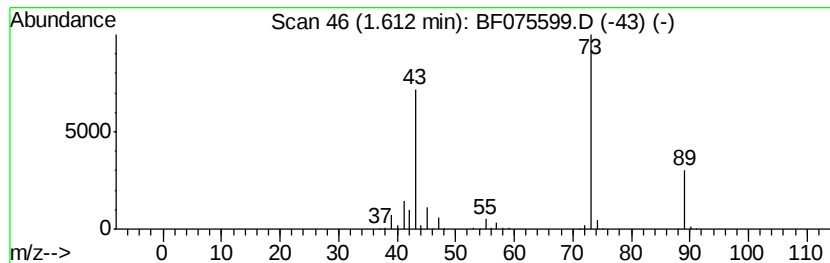
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown1.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	244.29 ng	2007080	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
4		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5		Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	9



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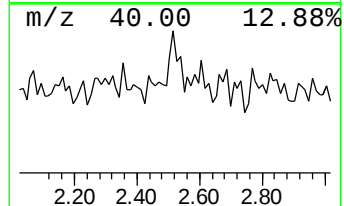
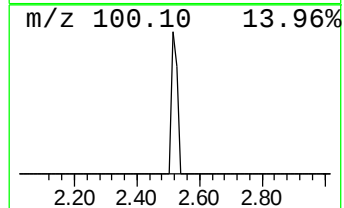
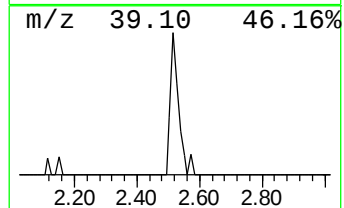
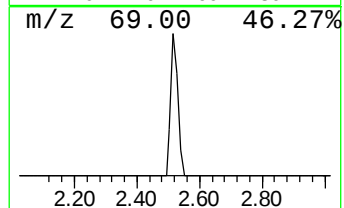
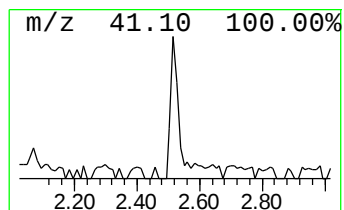
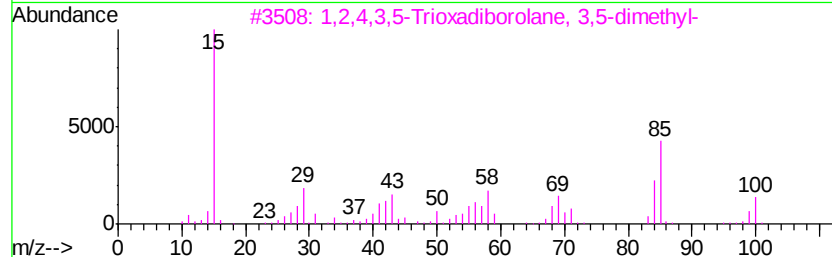
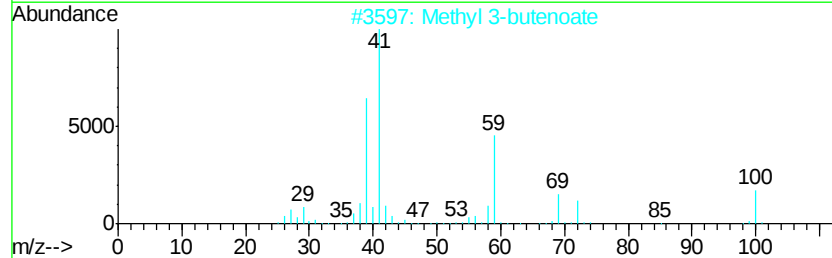
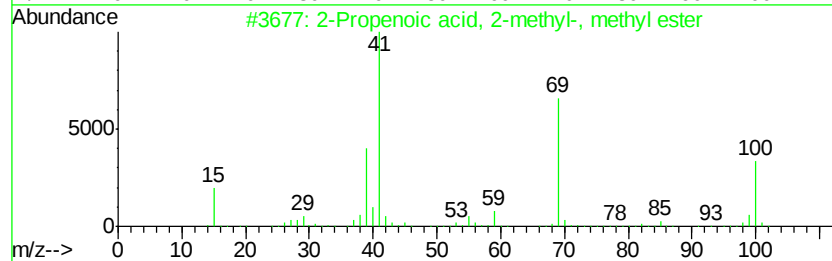
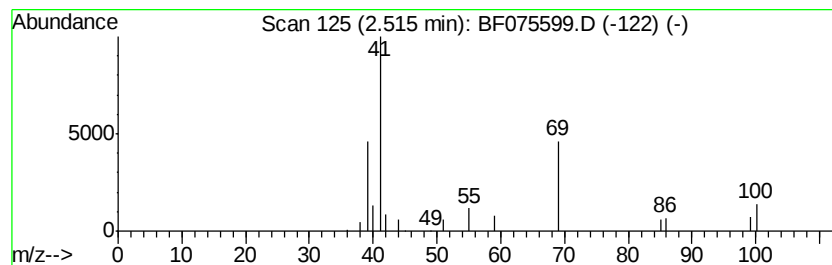
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown2.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.52	2.80 ng	22999	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenoic acid, 2-methyl-, met...	100	C5H8O2	000080-62-6	32
2		Methyl 3-butenate	100	C5H8O2	003724-55-8	9
3		1,2,4,3,5-Trioxadiborolane, 3,5-...	100	C2H6B2O3	031083-12-2	9
4		Pyrrolidine, 1-nitroso-	100	C4H8N2O	000930-55-2	9
5		Cyclopropanecarboxylic acid, met...	100	C5H8O2	002868-37-3	9



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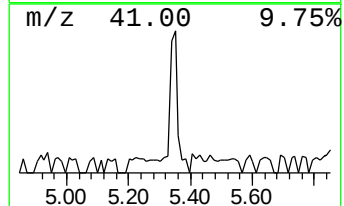
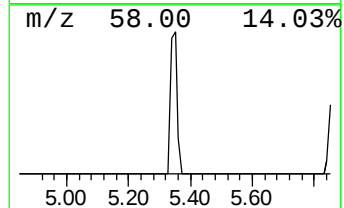
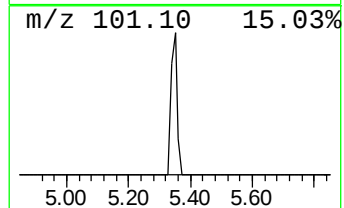
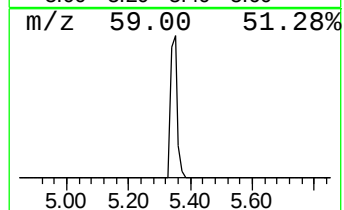
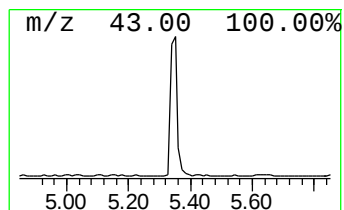
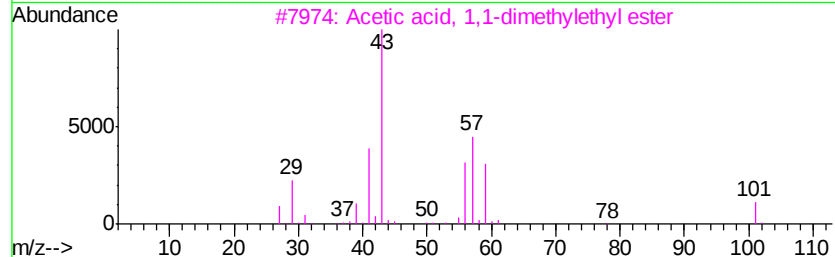
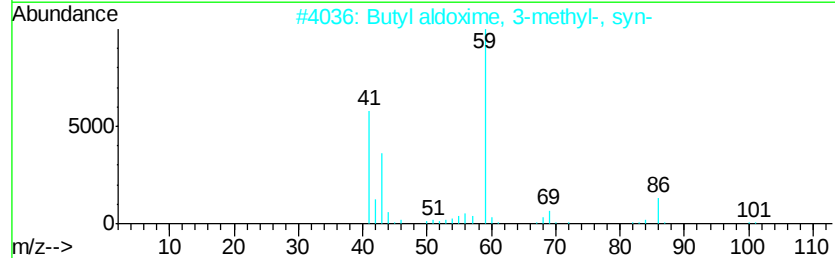
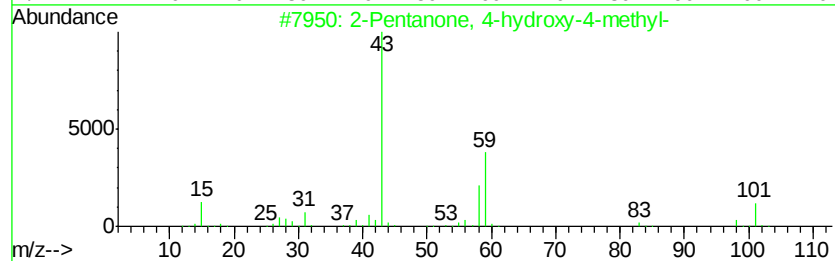
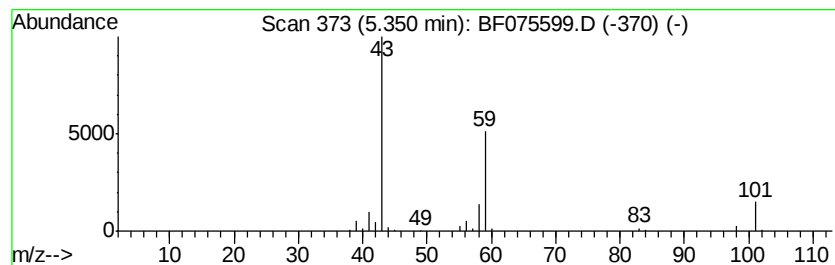
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Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	14.32 ng	117631	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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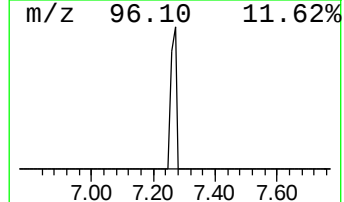
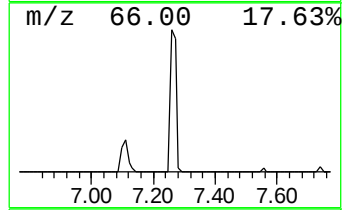
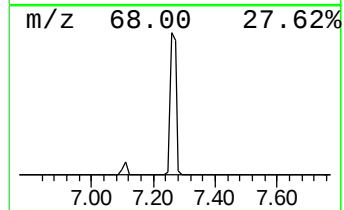
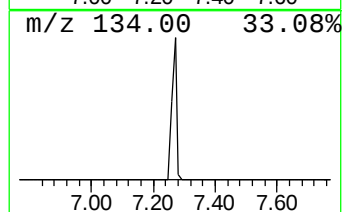
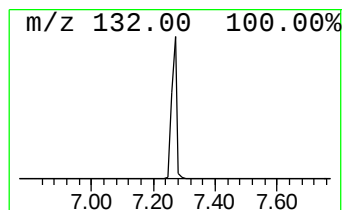
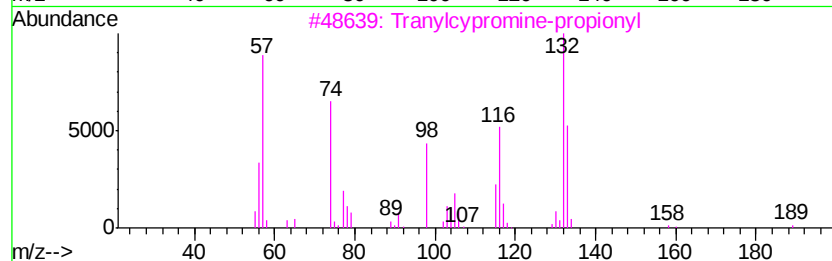
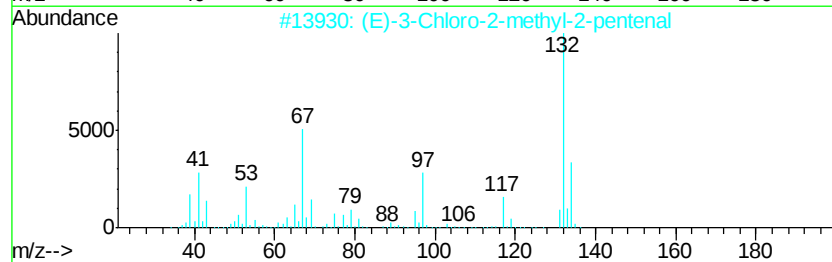
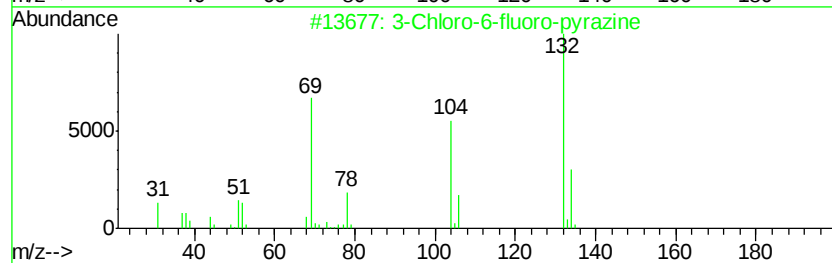
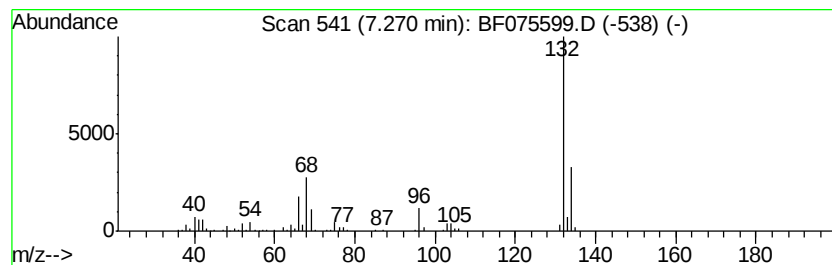
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Peak Number 7 unknown7.27 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	37.19 ng	305529	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	47
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	32
4		Amphetaminil	250	C17H18N2	017590-01-1	25
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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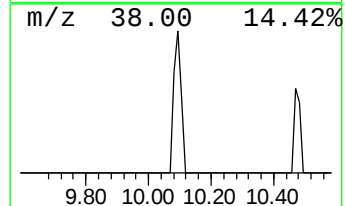
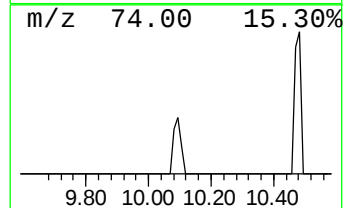
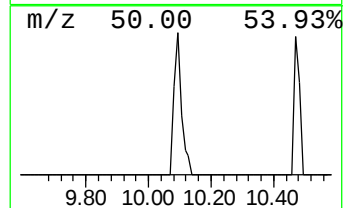
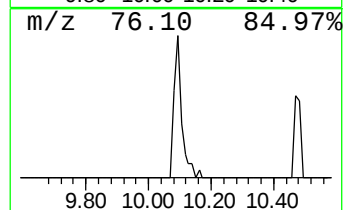
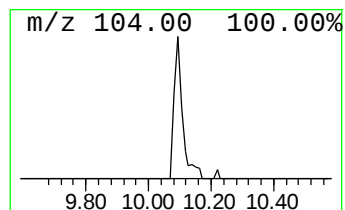
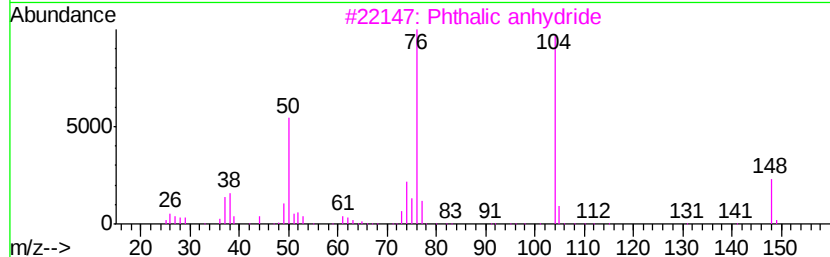
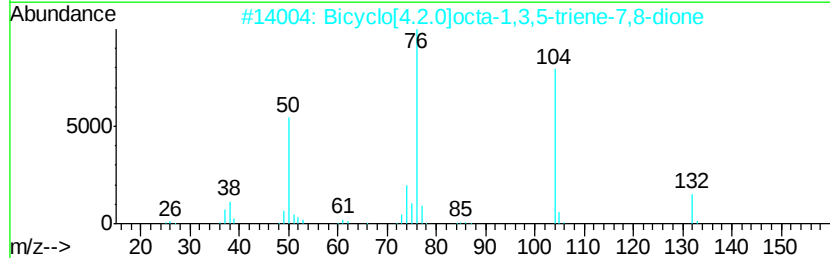
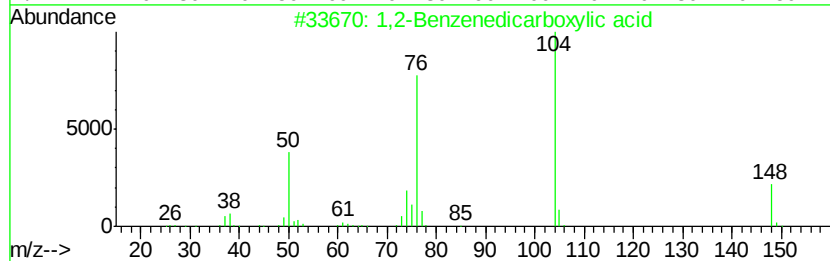
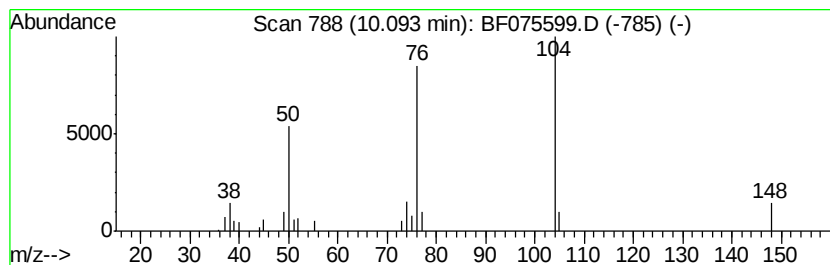
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 9 1,2-Benzenedicarboxylic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	3.14 ng	35515	Naphthalene-d8	9.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
2		Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	83
3		Phthalic anhydride	148	C8H4O3	000085-44-9	70
4		Phthalamic acid	165	C8H7NO3	000088-97-1	53
5		N-[2-Acetamidoethylthio]phthalimide	264	C12H12N2O3S	025158-14-9	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075599.D
Acq On : 17 Nov 2014 00:25
Operator : TP / JJ
Sample : F4738-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-4

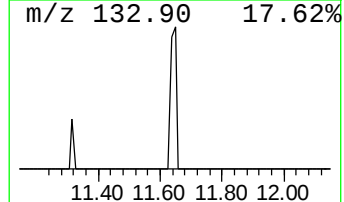
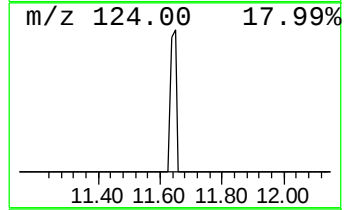
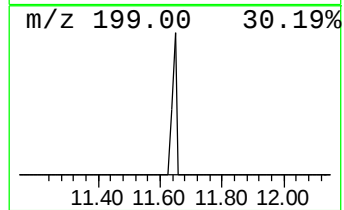
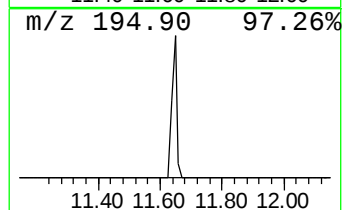
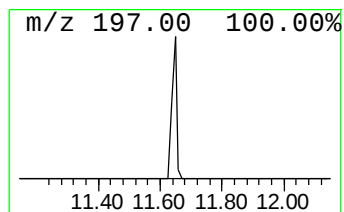
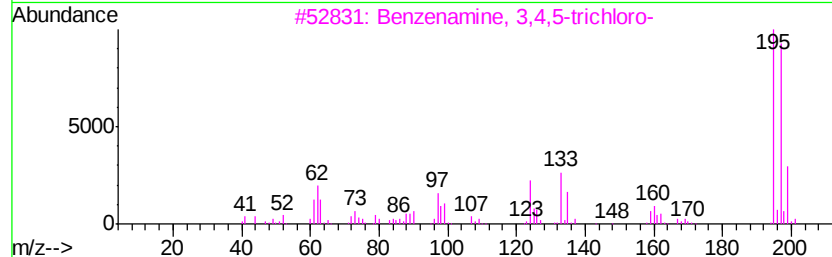
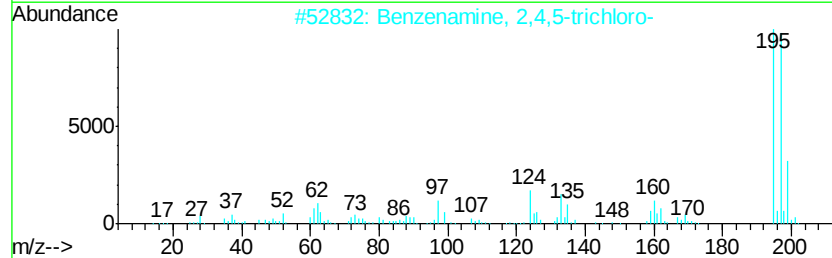
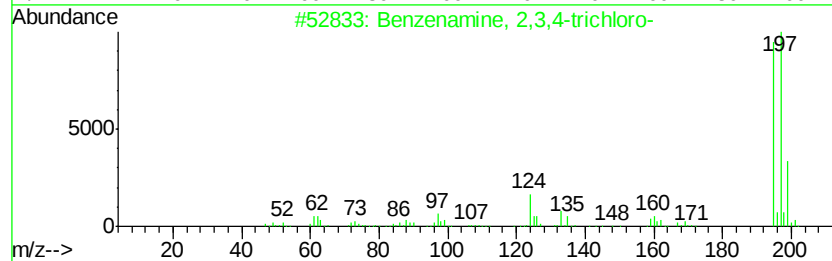
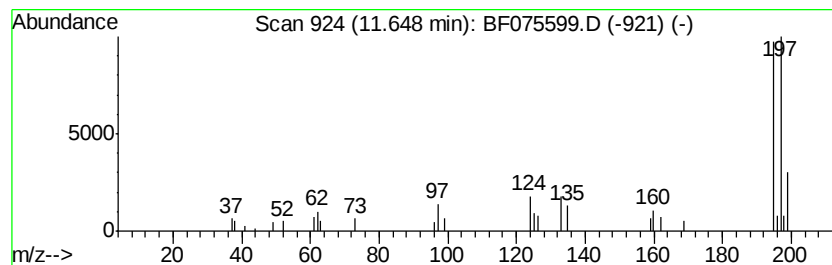
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzenamine, 2,3,4-trichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.67 ng	33610	Acenaphthene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, 2,3,4-trichloro-	195	C6H4Cl3N	000634-67-3	97
2			Benzenamine, 2,4,5-trichloro-	195	C6H4Cl3N	000636-30-6	97
3			Benzenamine, 3,4,5-trichloro-	195	C6H4Cl3N	000634-91-3	95
4			Benzenamine, 2,4,6-trichloro-	195	C6H4Cl3N	000634-93-5	90
5			2-Amino-7-chloro-4-quinazolone	195	C8H6ClN3O	020198-18-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075599.D
Acq On : 17 Nov 2014 00:25
Operator : TP / JJ
Sample : F4738-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S-4

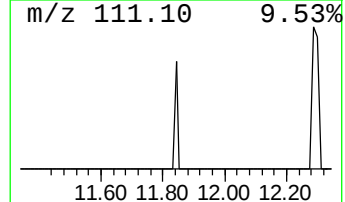
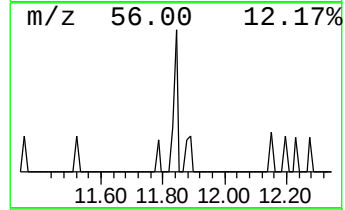
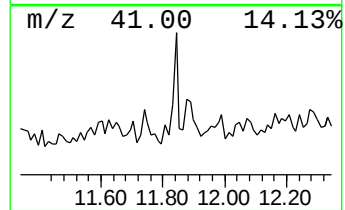
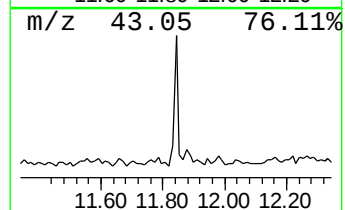
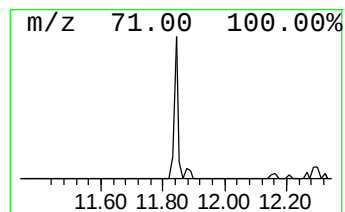
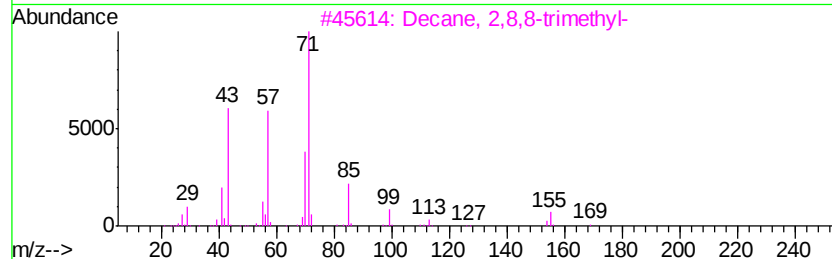
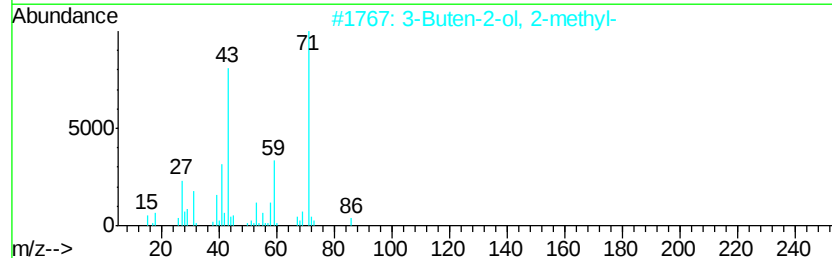
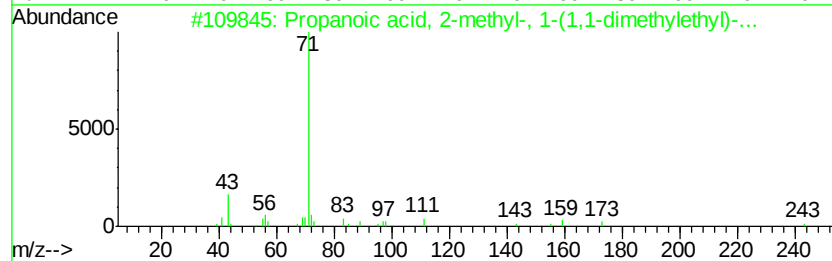
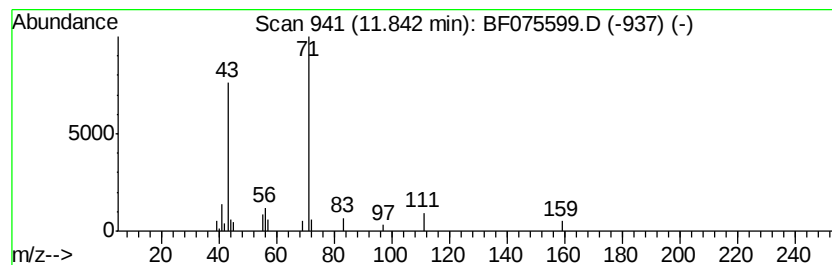
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Propanoic acid, 2-methyl-, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.34 ng	29515	Acenaphthene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	64
2		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	45
3		Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	39
4		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	39
5		Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
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Sample : F4738-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

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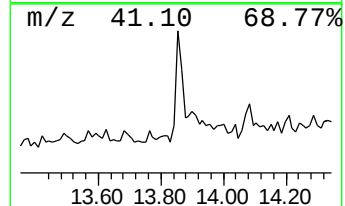
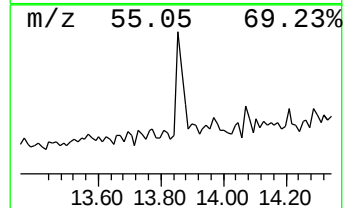
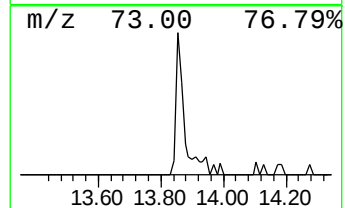
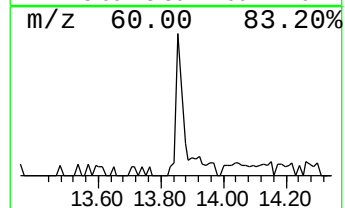
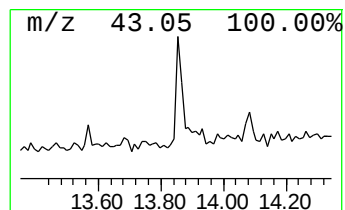
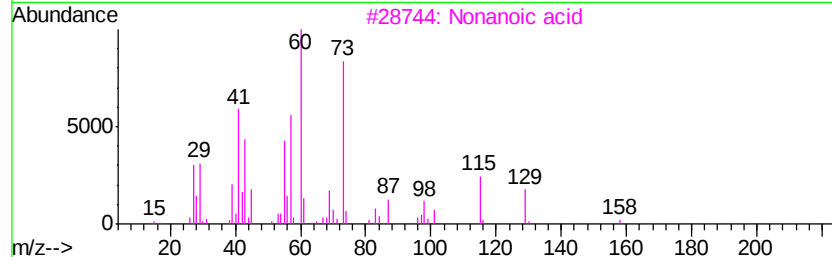
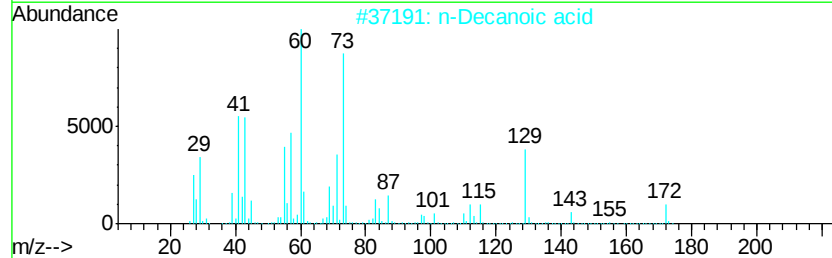
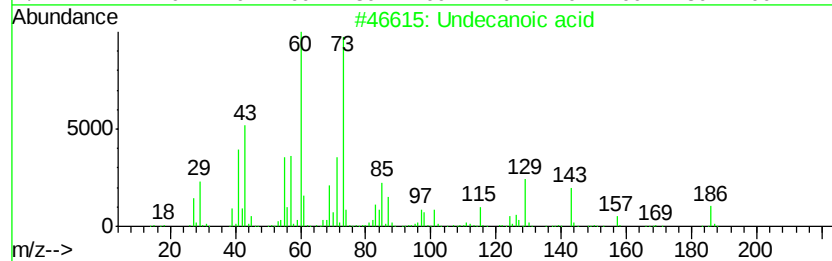
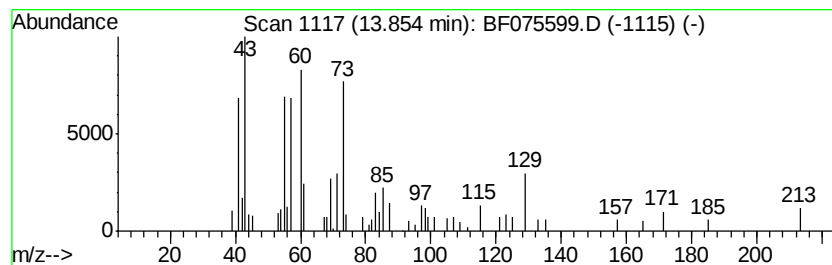
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.42 ng	69339	Phenanthrene-d10	13.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	80
2			n-Decanoic acid	172	C10H20O2	000334-48-5	53
3			Nonanoic acid	158	C9H18O2	000112-05-0	53
4			.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	53
5			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075599.D
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Operator : TP / JJ
Sample : F4738-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-4

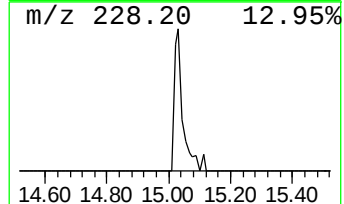
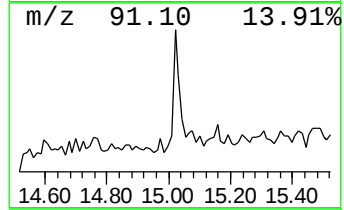
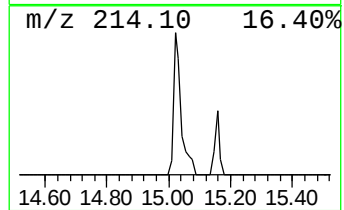
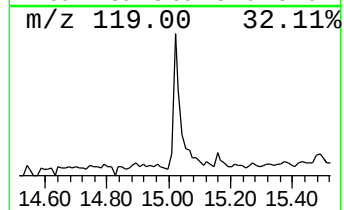
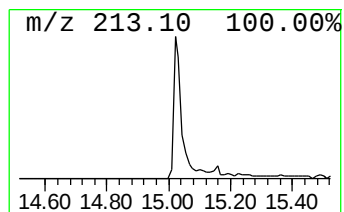
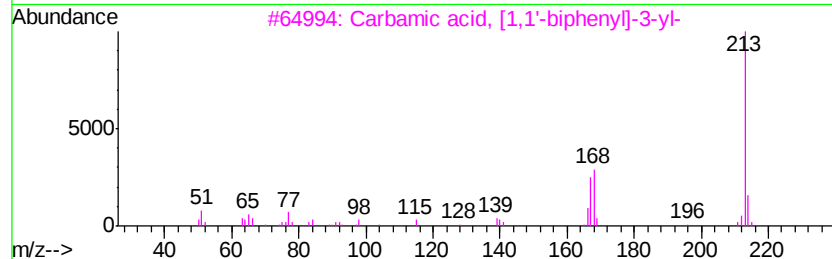
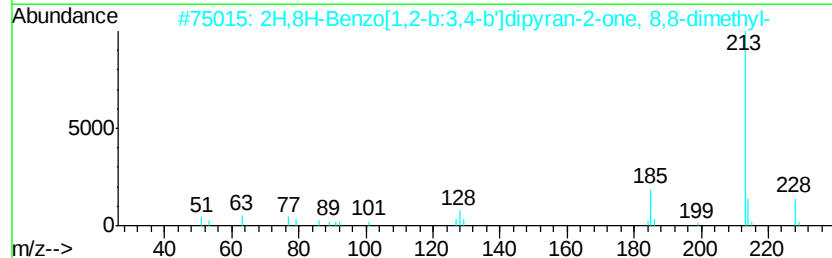
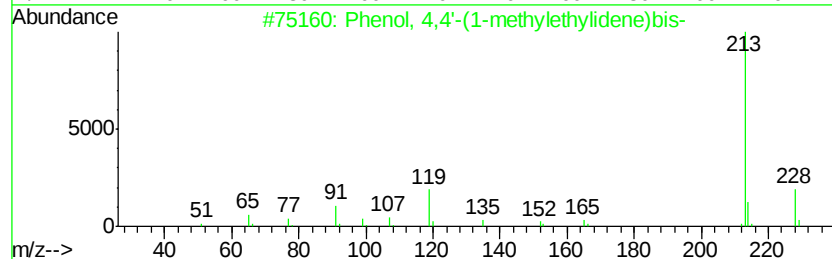
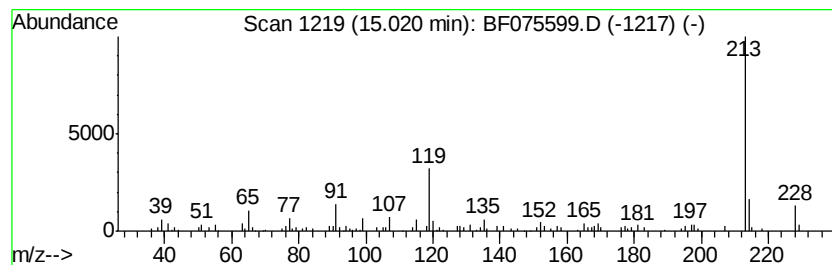
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenol, 4,4'-(1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	5.48 ng	145269	Chrysene-d12	16.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	62
3		Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	52
4		Nitrobenzene, 3,4,5-trimethoxy-	213	C9H11NO5	006307-90-0	50
5		Benzoic acid, 2-(4-aminophenyl)-	213	C13H11NO2	025829-61-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075599.D
Acq On : 17 Nov 2014 00:25
Operator : TP / JJ
Sample : F4738-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
S-4

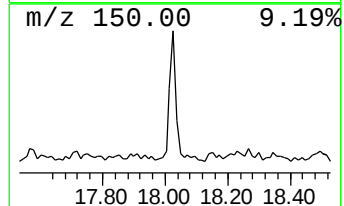
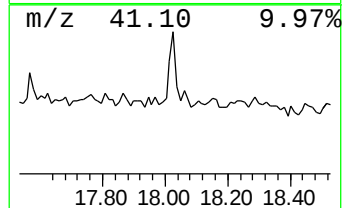
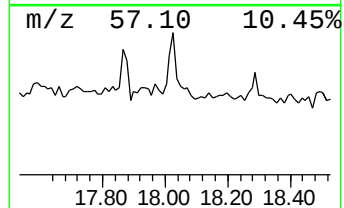
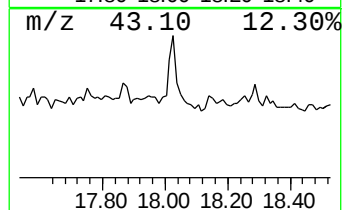
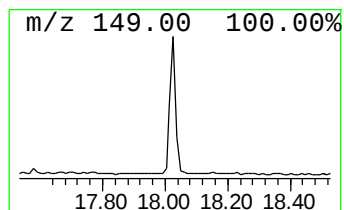
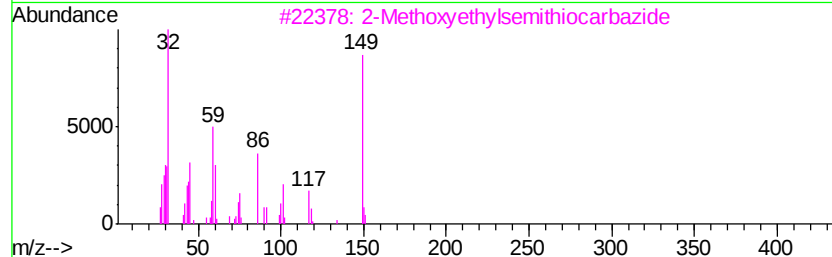
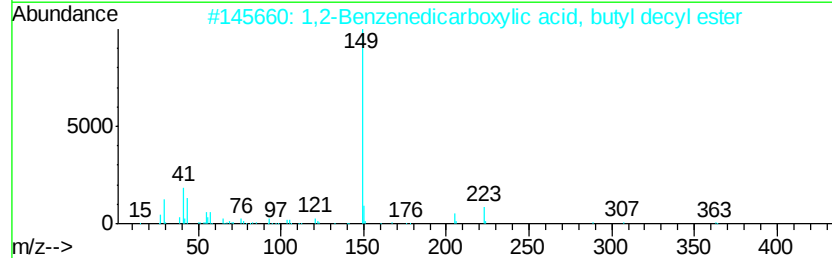
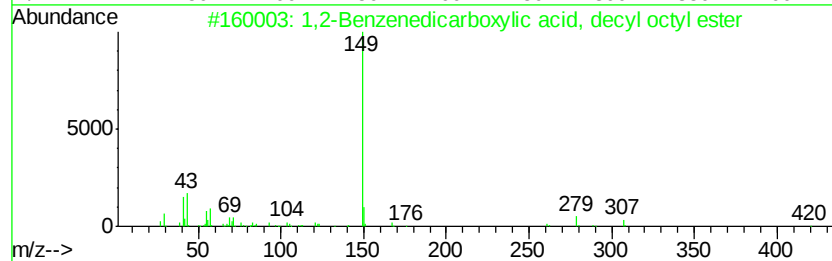
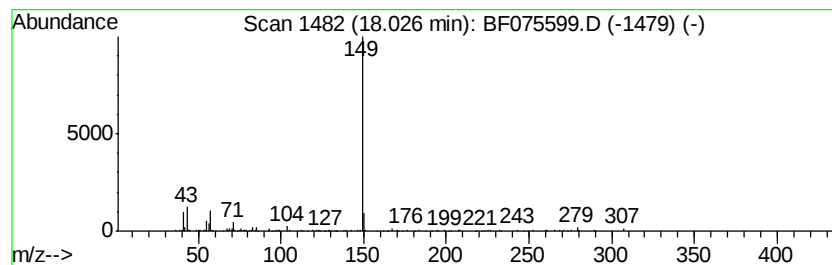
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	15.52 ng	239295	Perylene-d12	18.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	78
2		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	64
3		2-Methoxyethylsemithiocarbazine	149	C4H11N3OS	006926-54-1	64
4		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	56
5		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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
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unknown2.52	2.52	2.8	ng	22999	1	7.56	164321	20.0
2-Pentanone, 4-hy...	5.35	14.3	ng	117631	1	7.56	164321	20.0
unknown7.27	7.27	37.2	ng	305529	1	7.56	164321	20.0
1,2-Benzenedicarb...	10.09	3.1	ng	35515	2	9.13	226439	20.0
Benzenamine, 2,3,...	11.65	2.7	ng	33610	3	11.32	251786	20.0
Propanoic acid, 2...	11.84	2.3	ng	29515	3	11.32	251786	20.0
Undecanoic acid	13.85	5.4	ng	69339	4	13.17	256052	20.0
Phenol, 4,4'-(1-m...	15.02	5.5	ng	145269	5	16.46	529936	20.0
1,2-Benzenedicarb...	18.03	15.5	ng	239295	6	18.19	308373	20.0