

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091869.D
 Acq On : 22 Dec 2016 7:33
 Operator : UM/SJ
 Sample : H6156-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

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-BF122116.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	3.653	130	137	140	rBV	9409432	21868442	65.27%	10.800%
2	4.910	245	247	253	rBV	680454	942756	2.81%	0.466%
3	5.184	269	271	274	rBV	2798038	3231474	9.65%	1.596%
4	5.321	278	283	284	rBV	5041131	8642421	25.80%	4.268%
5	5.356	284	286	288	rVB	3142616	3976029	11.87%	1.964%
6	5.573	301	305	308	rBV2	8994331	15817172	47.21%	7.811%
7	6.270	364	366	367	rVV	516272	635309	1.90%	0.314%
8	6.293	367	368	370	rVV	742838	738386	2.20%	0.365%
9	6.339	370	372	374	rVV	808744	926328	2.76%	0.457%
10	6.396	374	377	378	rVV	2654639	2877366	8.59%	1.421%
11	6.430	378	380	381	rVV	693056	672717	2.01%	0.332%
12	6.453	381	382	385	rVB	625520	561867	1.68%	0.277%
13	6.521	385	388	389	rBV	6431777	7615303	22.73%	3.761%
14	6.579	389	393	395	rVV	3435802	5019689	14.98%	2.479%
15	6.624	395	397	399	rVB	746556	825947	2.47%	0.408%
16	6.750	405	408	410	rBV	1550141	1862380	5.56%	0.920%
17	6.807	410	413	415	rVV	1229083	1252925	3.74%	0.619%
18	6.853	415	417	419	rVV2	552363	732181	2.19%	0.362%
19	6.910	419	422	426	rVB2	5114909	10668721	31.84%	5.269%
20	7.024	428	432	434	rVV	12141678	20958362	62.56%	10.350%
21	7.322	450	458	460	rBV	4446240	6807024	20.32%	3.362%
22	7.790	495	499	500	rBV2	2099272	3248244	9.70%	1.604%
23	7.824	500	502	505	rVV	1745566	3258650	9.73%	1.609%
24	7.904	505	509	511	rVB	563771	639478	1.91%	0.316%
25	8.076	517	524	526	rBV	12577427	33502877	100.00%	16.546%
26	8.110	526	527	529	rVB	2181959	1610796	4.81%	0.795%
27	8.533	562	564	570	rVV2	222845	499315	1.49%	0.247%
28	8.750	580	583	584	rBV	2326880	2867601	8.56%	1.416%
29	8.842	588	591	593	rVV	3773887	4188860	12.50%	2.069%
30	9.116	611	615	617	rBV	7899262	9981629	29.79%	4.929%
31	9.207	620	623	625	rBV	738019	680804	2.03%	0.336%
32	9.642	658	661	664	rVB	2543693	2278660	6.80%	1.125%
33	9.779	670	673	675	rBV	2579528	2807769	8.38%	1.387%
34	9.813	675	676	678	rVB	526839	410662	1.23%	0.203%

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35	10.568	739	742	745	rBV2	3724623	5726265	17.09%	2.828%
36	11.265	800	803	804	rBV	2824099	2783977	8.31%	1.375%
37	12.854	939	942	944	rBV	6900438	7469447	22.29%	3.689%
38	13.894	1030	1033	1036	rBV	2229390	2184739	6.52%	1.079%
39	15.288	1152	1155	1158	rBV	1291693	1716069	5.12%	0.847%

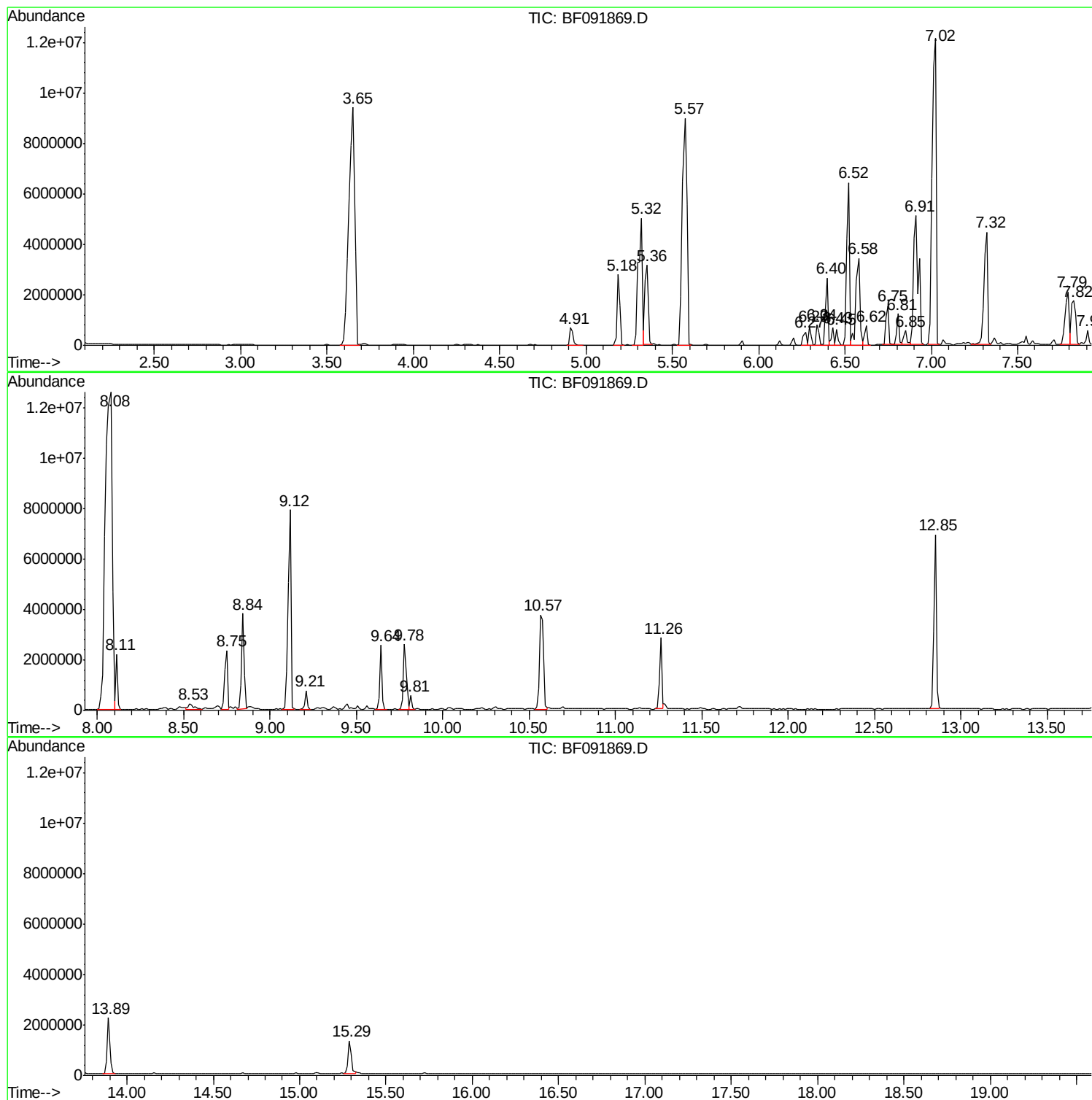
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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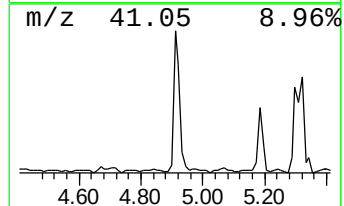
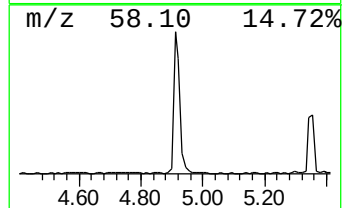
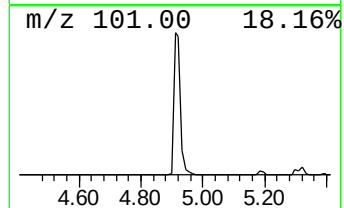
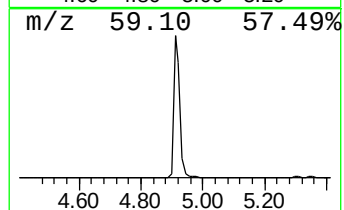
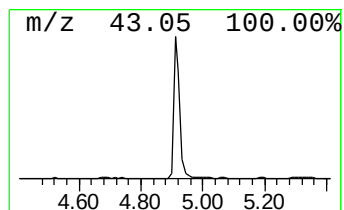
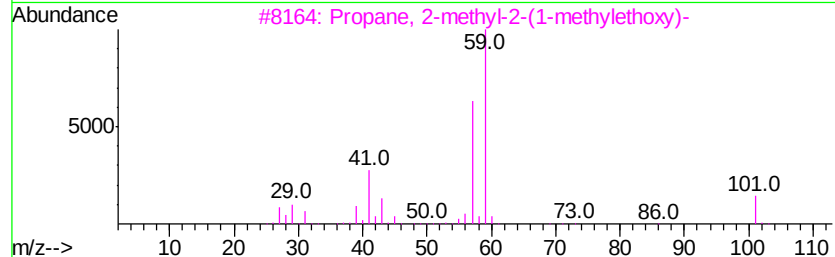
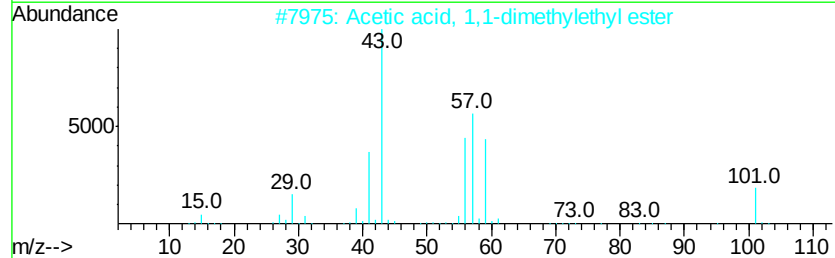
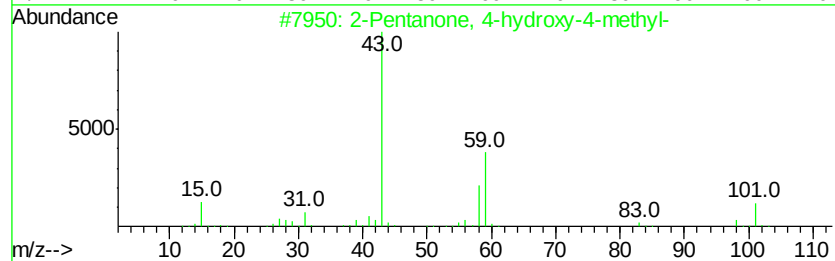
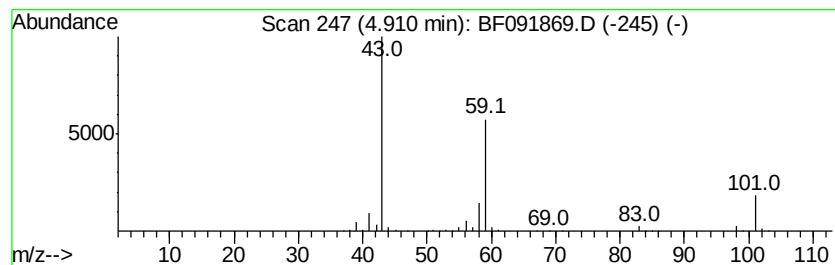
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	10.12 ng	942756	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
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	36
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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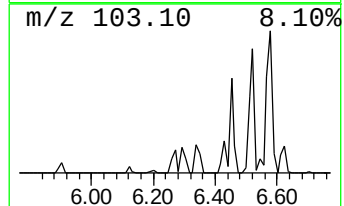
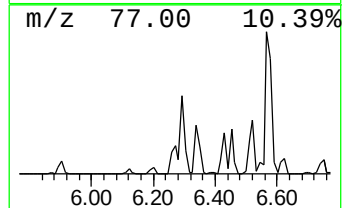
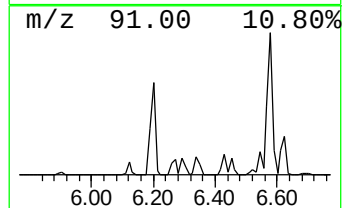
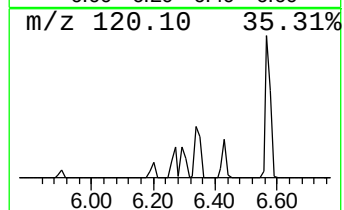
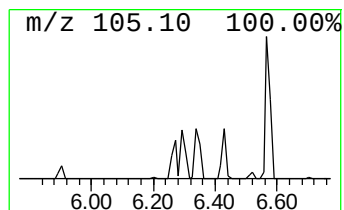
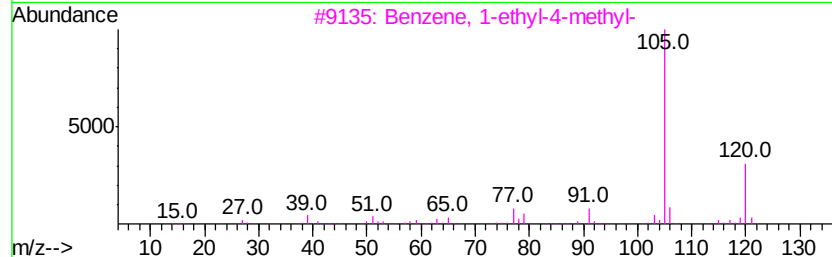
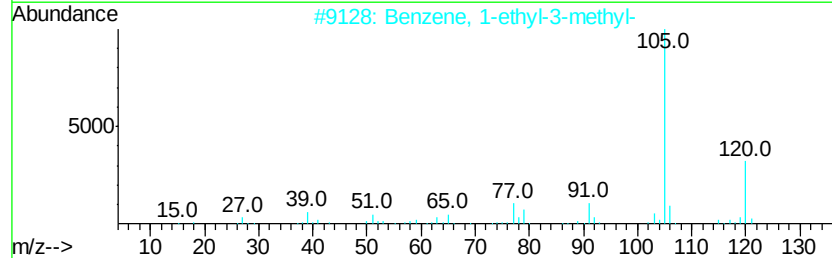
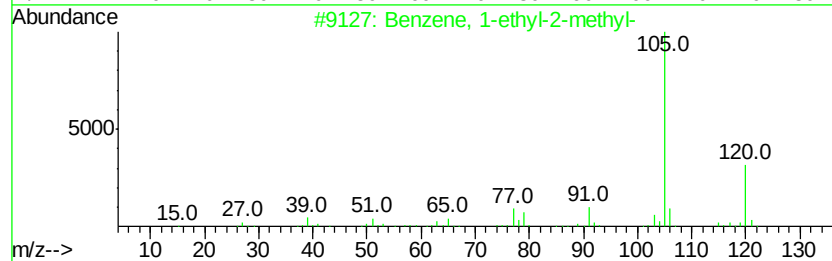
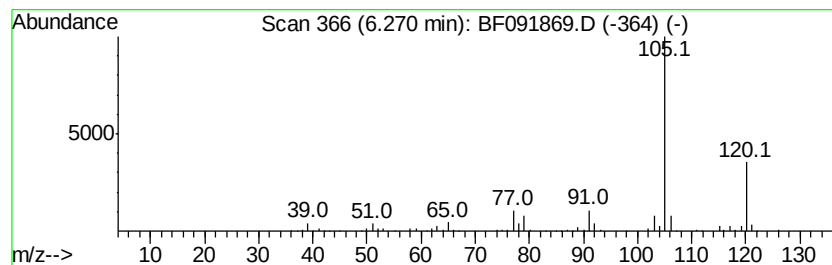
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	6.82 ng	635309	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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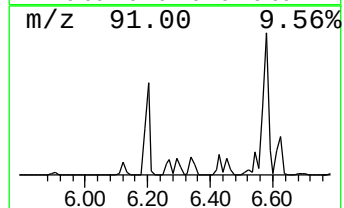
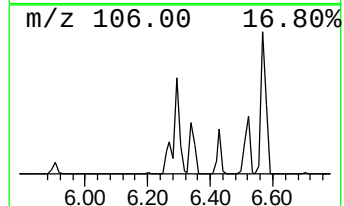
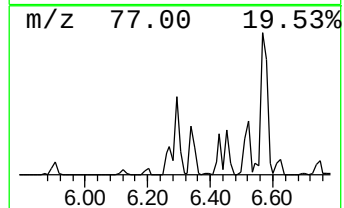
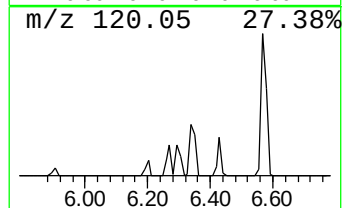
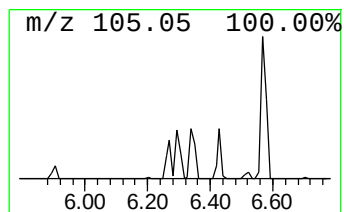
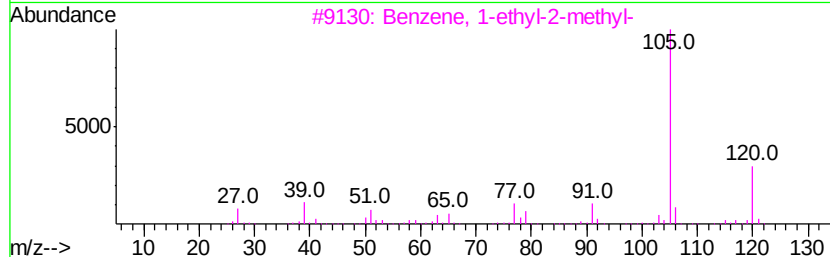
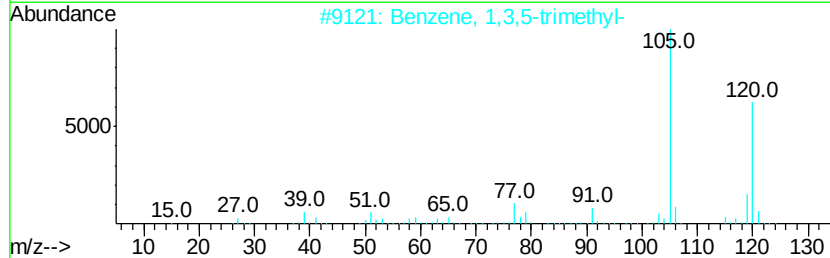
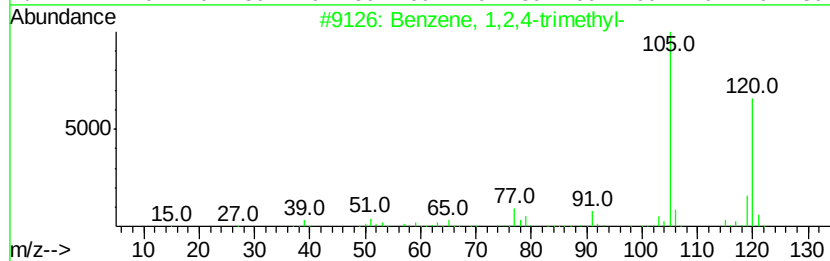
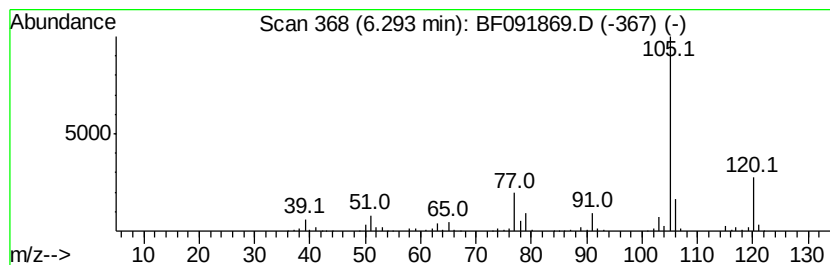
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	7.93 ng	738386	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	74



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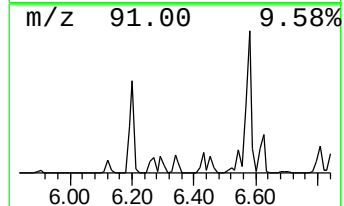
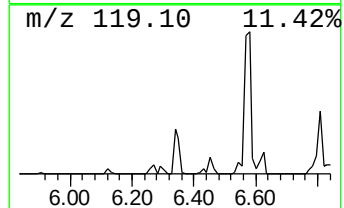
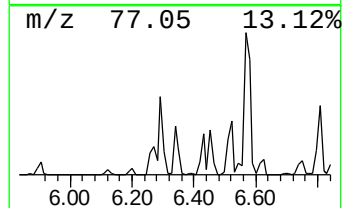
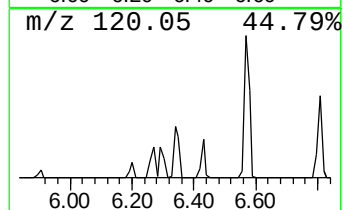
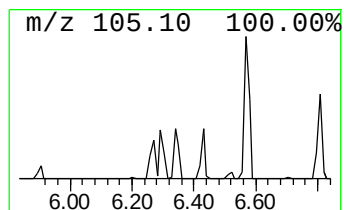
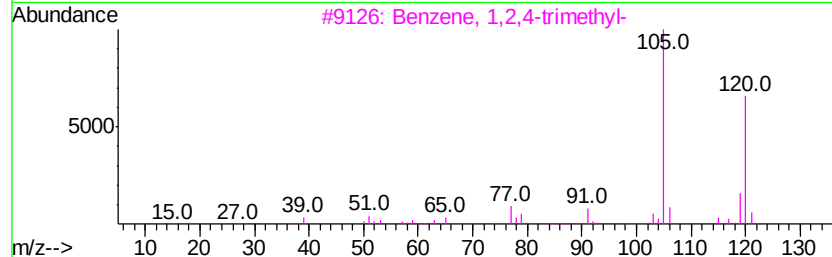
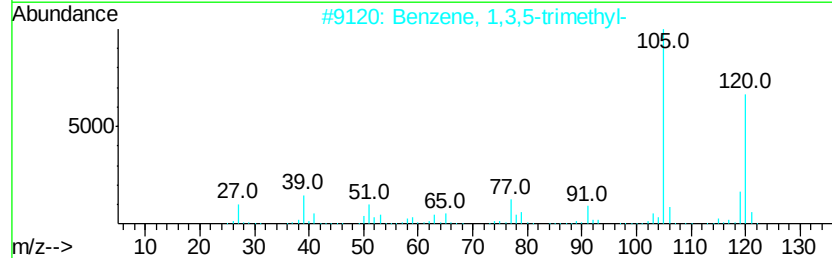
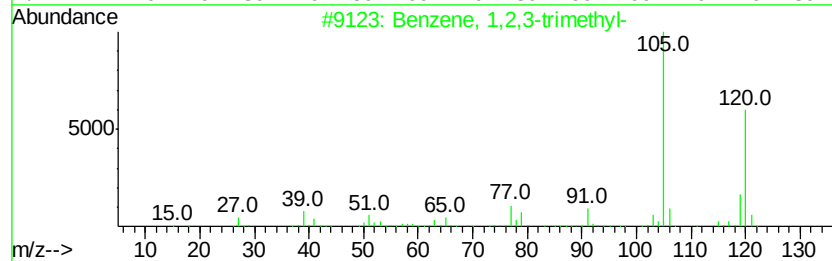
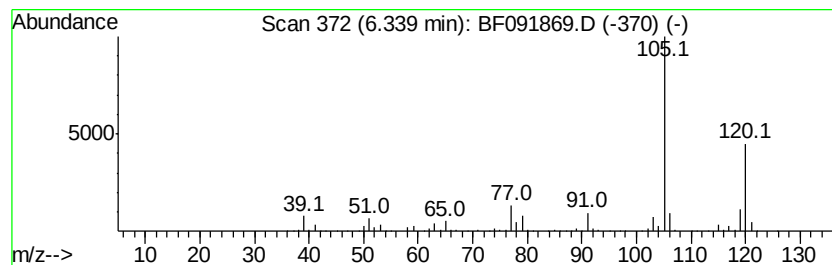
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	9.95 ng	926328	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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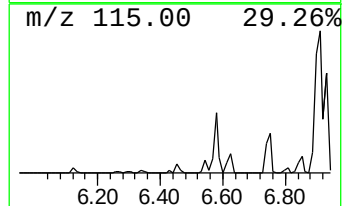
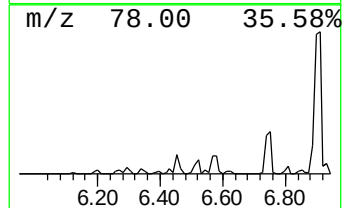
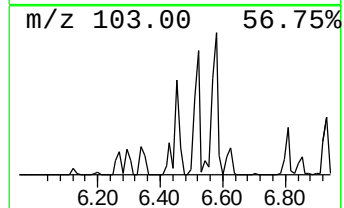
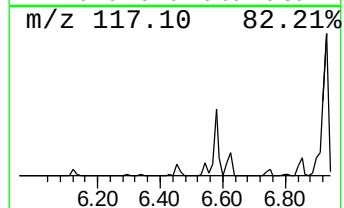
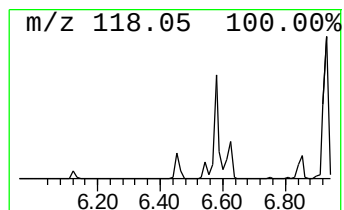
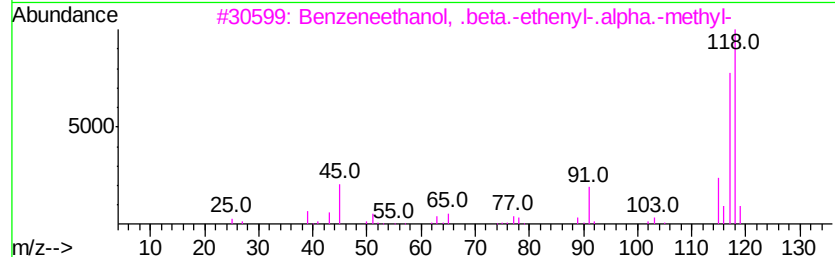
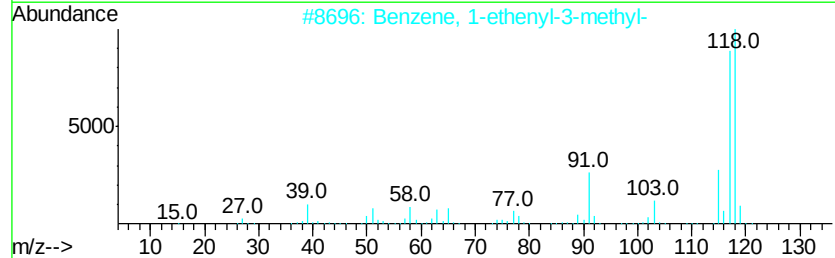
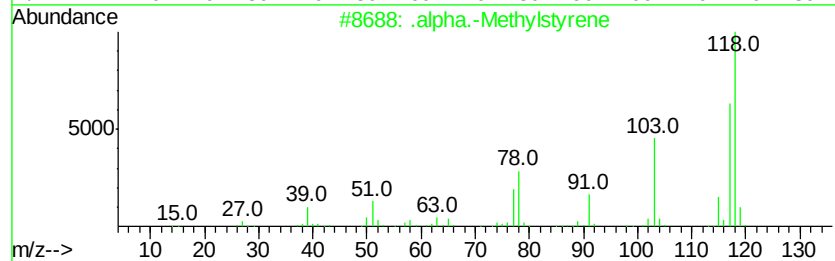
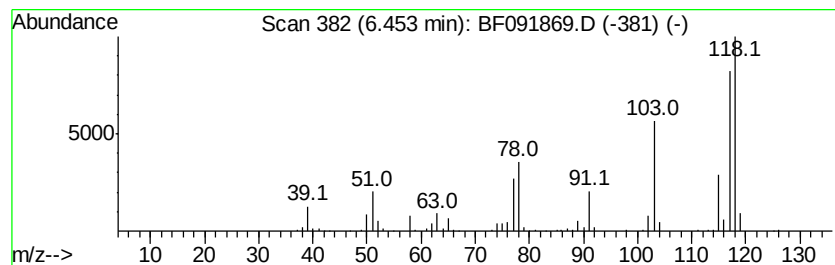
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Peak Number 8 .alpha.-Methylstyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.45	6.03 ng	561867	1,4-Dichlorobenzene-d4	6.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	97
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52
3	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	50
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	50
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	49



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ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

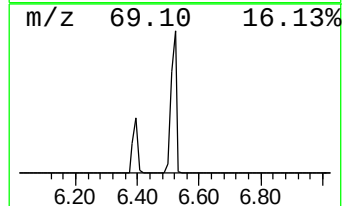
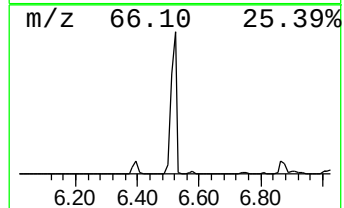
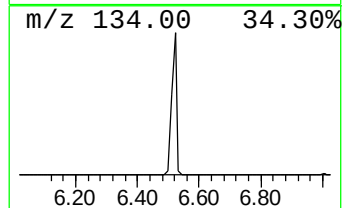
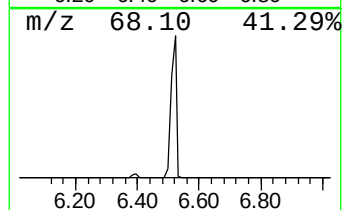
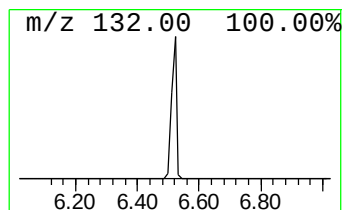
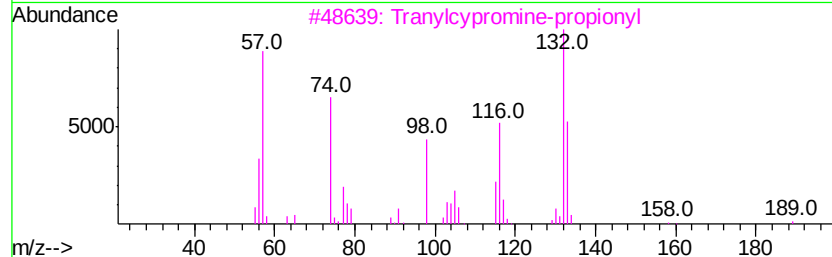
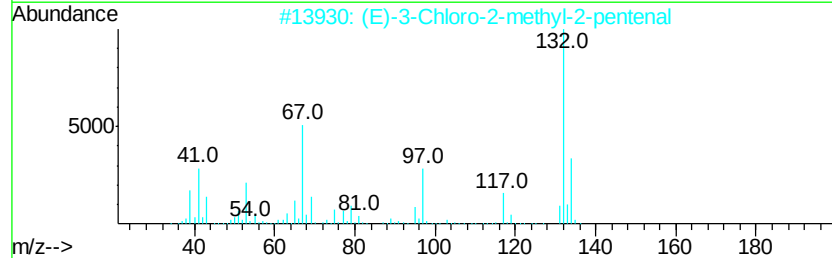
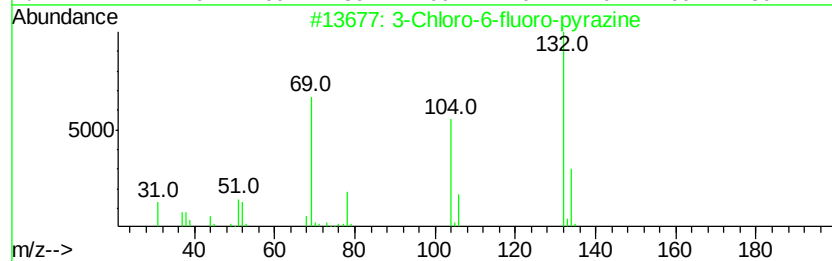
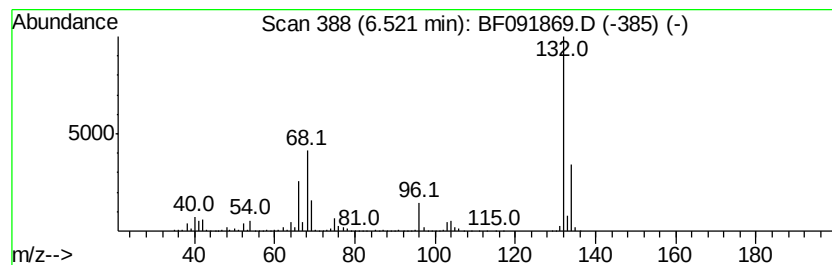
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.52 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	81.78 ng	7615300	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091869.D
Acq On : 22 Dec 2016 7:33
Operator : UM/SJ
Sample : H6156-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

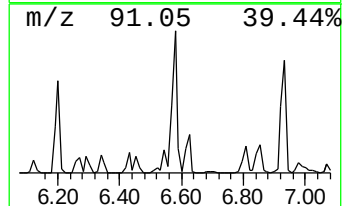
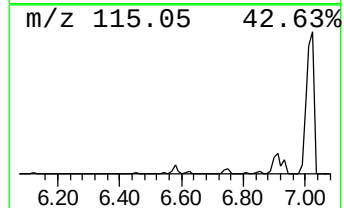
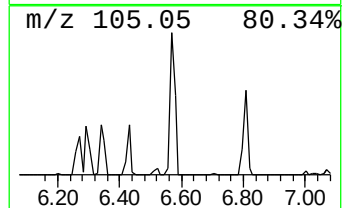
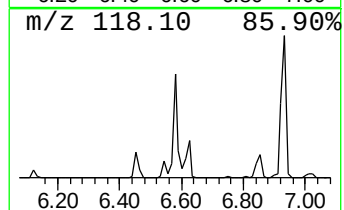
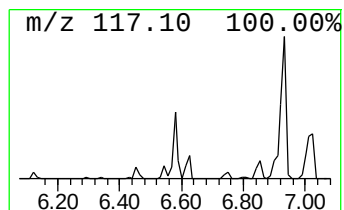
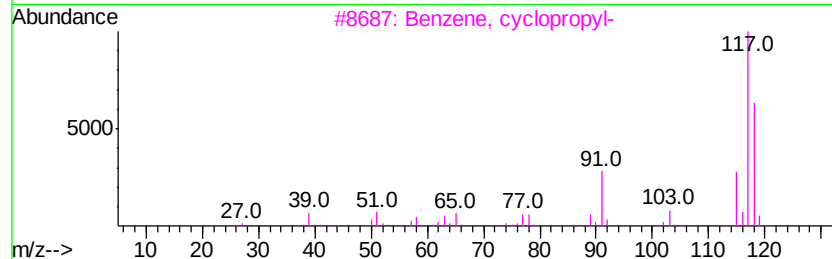
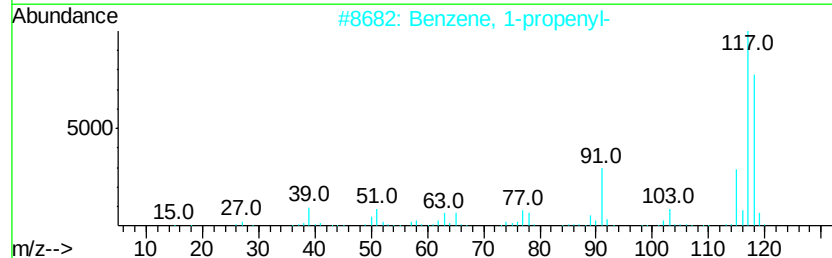
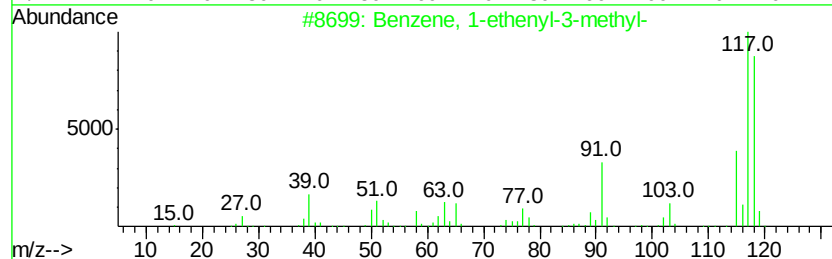
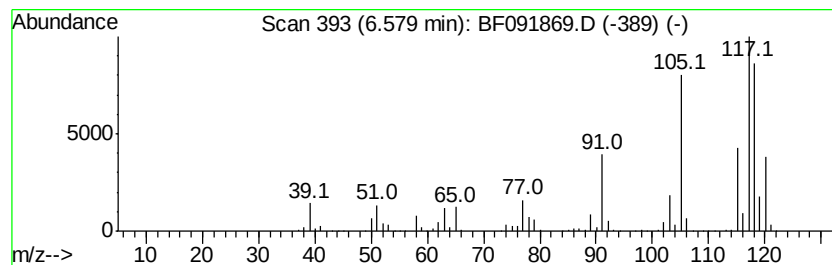
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	53.91 ng	5019690	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	91
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091869.D
Acq On : 22 Dec 2016 7:33
Operator : UM/SJ
Sample : H6156-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-9

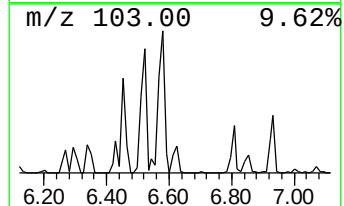
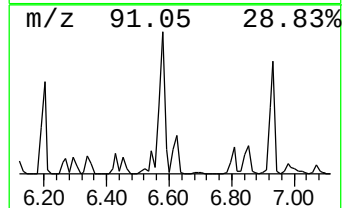
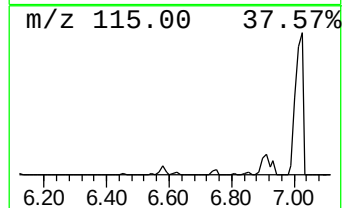
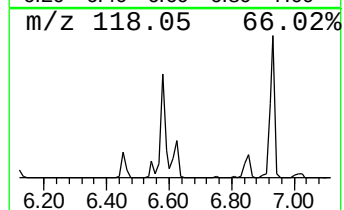
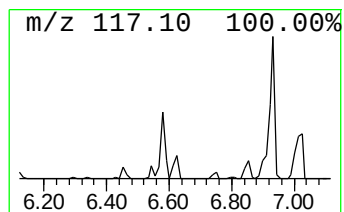
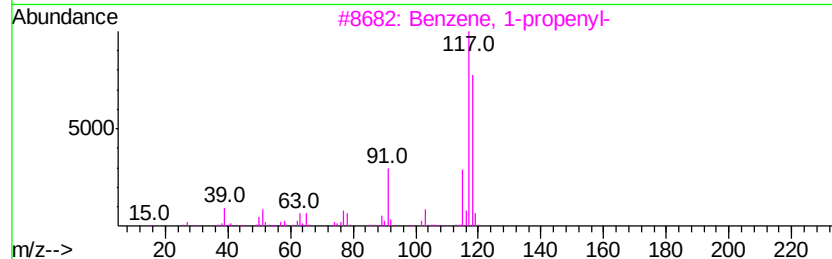
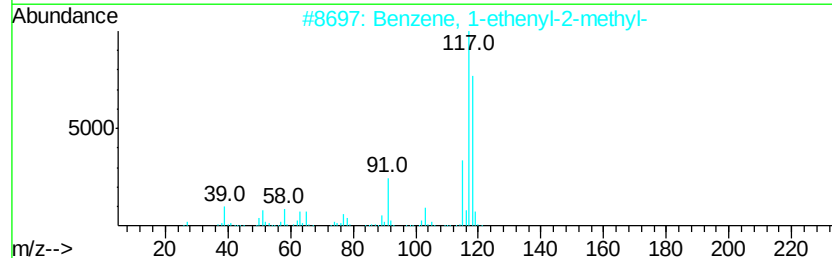
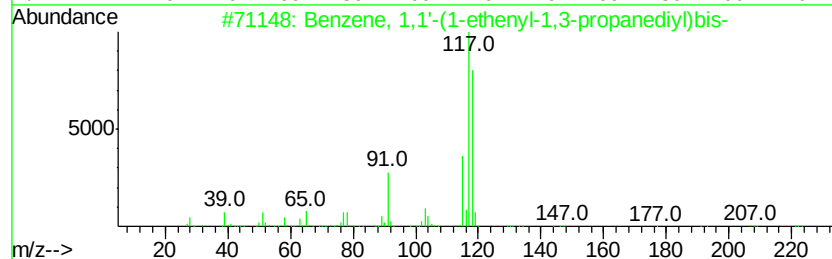
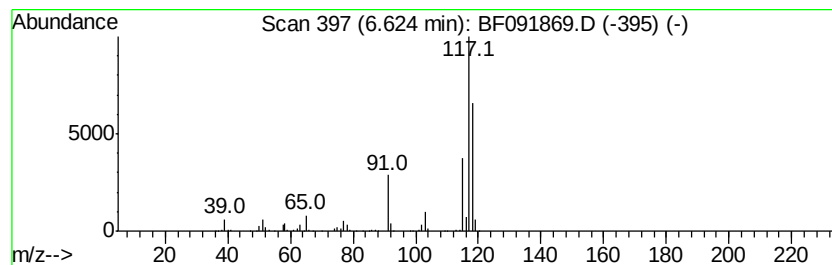
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	8.87 ng	825947	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091869.D
Acq On : 22 Dec 2016 7:33
Operator : UM/SJ
Sample : H6156-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

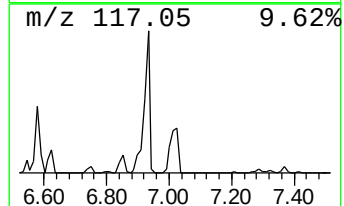
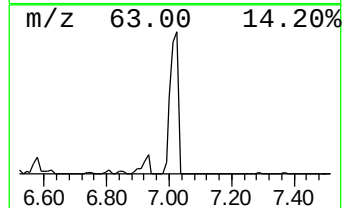
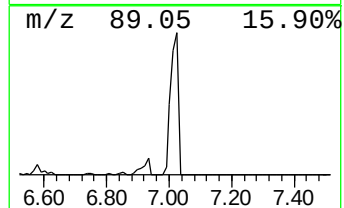
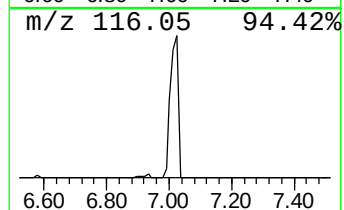
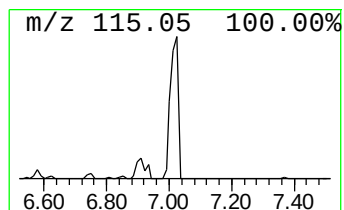
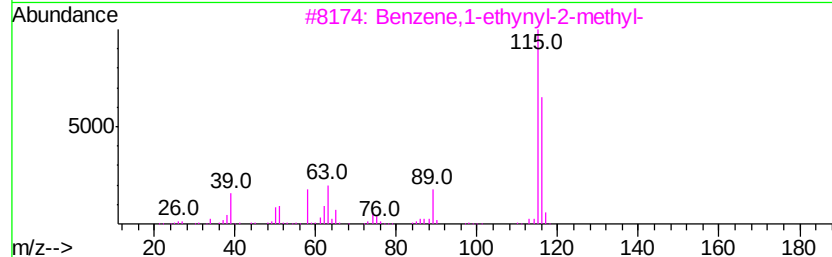
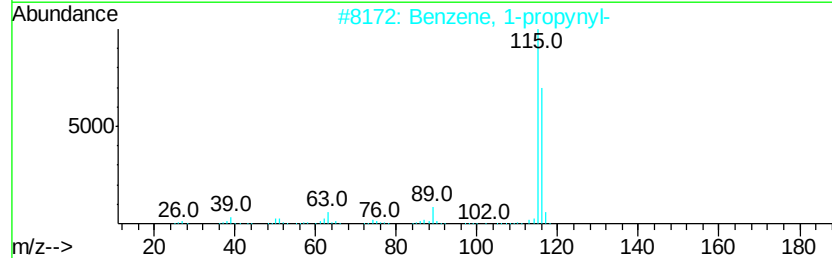
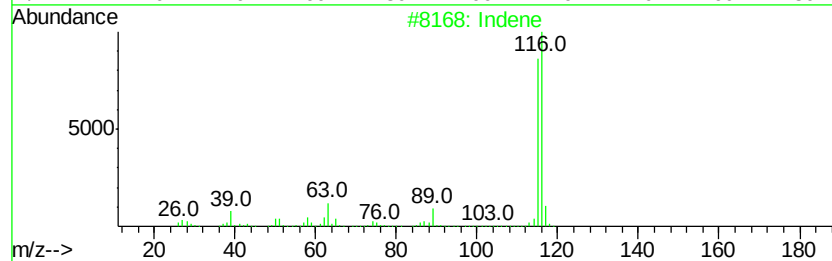
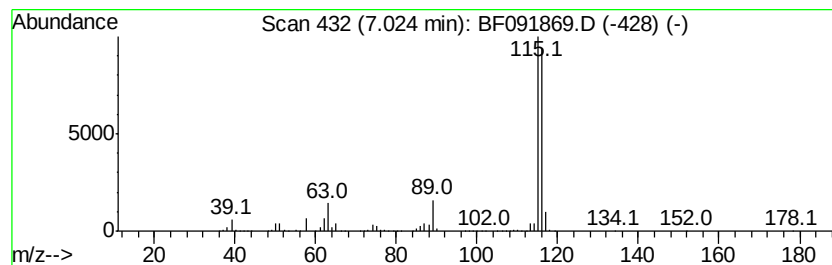
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	225.07 ng	20958400	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
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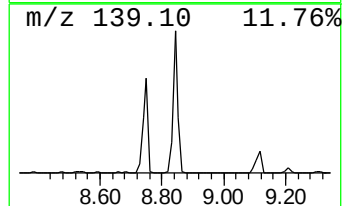
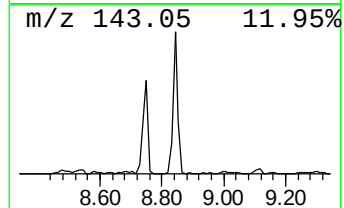
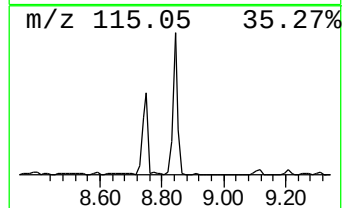
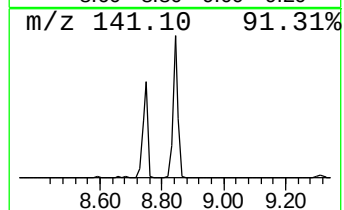
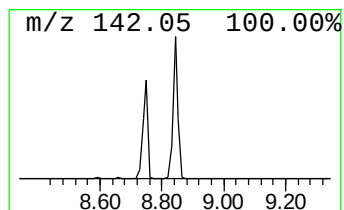
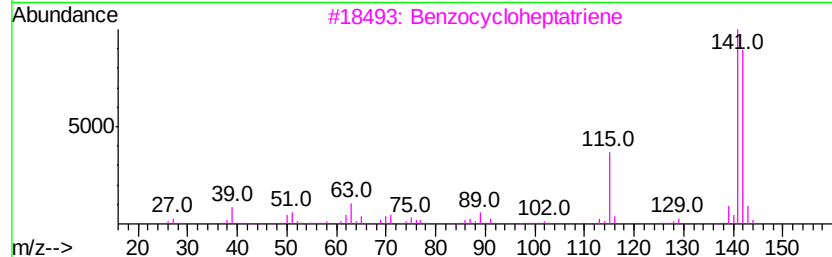
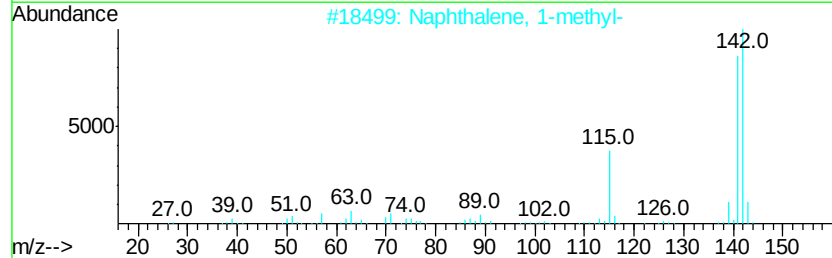
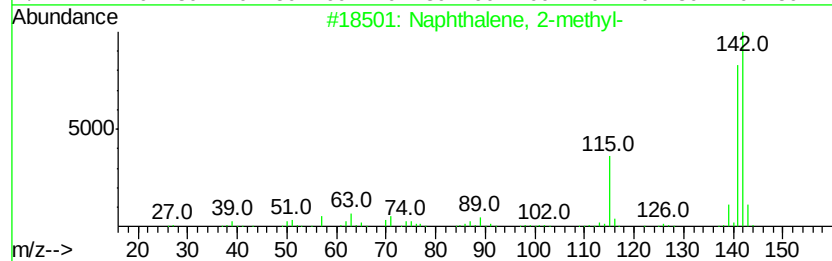
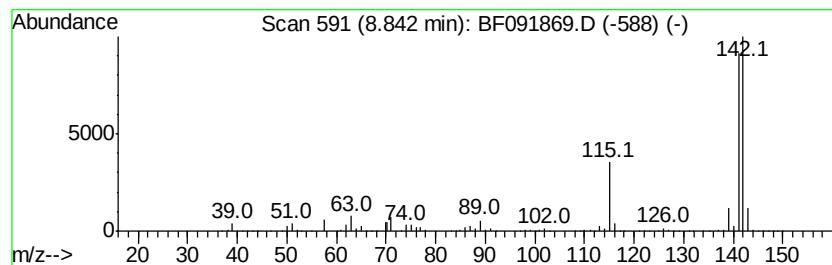
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.84	2.50 ng	4188860	Naphthalene-d8	8.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
Data File : BF091869.D
Acq On : 22 Dec 2016 7:33
Operator : UM/SJ
Sample : H6156-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	10.1	ng	942756	1	6.75	1862380	20.0
Benzene, 1-ethyl-...	6.27	6.8	ng	635309	1	6.75	1862380	20.0
Benzene, 1,2,4-tr...	6.29	7.9	ng	738386	1	6.75	1862380	20.0
Benzene, 1,2,3-tr...	6.34	9.9	ng	926328	1	6.75	1862380	20.0
.alpha.-Methylsty...	6.45	6.0	ng	561867	1	6.75	1862380	20.0
unknown6.52	6.52	81.8	ng	7615300	1	6.75	1862380	20.0
Benzene, 1-etheny...	6.58	53.9	ng	5019690	1	6.75	1862380	20.0
Benzene, 1,1'-(1-...	6.62	8.9	ng	825947	1	6.75	1862380	20.0
Indene	7.02	225.1	ng	20958400	1	6.75	1862380	20.0
Naphthalene, 1-me...	8.84	2.5	ng	4188860	2	8.04	33502900	20.0