

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
 Data File : BF082931.D
 Acq On : 14 Nov 2015 8:38
 Operator : UM/IZ
 Sample : G4331-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002

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	4.967	247	252	255	rBV	820669	913994	14.46%	2.118%
2	5.413	289	291	294	rBV	1665833	2187726	34.62%	5.069%
3	6.453	380	382	384	rBV	1654453	1344978	21.29%	3.116%
4	6.579	390	393	395	rBV	4862557	4466437	70.68%	10.349%
5	6.796	410	412	414	rBV	956815	1138994	18.03%	2.639%
6	6.876	416	419	424	rBV	67373	81702	1.29%	0.189%
7	6.956	424	426	429	rBV	3382191	4248358	67.23%	9.843%
8	7.367	459	462	465	rBV	3371995	3499249	55.38%	8.108%
9	7.482	467	472	475	rBV	72643	114999	1.82%	0.266%
10	7.836	500	503	505	rBV	139789	180075	2.85%	0.417%
11	8.088	523	525	529	rBV	1663184	1565987	24.78%	3.628%
12	8.602	568	570	572	rBV	47803	68922	1.09%	0.160%
13	8.808	585	588	589	rVB	55658	71361	1.13%	0.165%
14	8.899	594	596	599	rBV2	100355	131338	2.08%	0.304%
15	9.048	607	609	612	rVB	145886	132432	2.10%	0.307%
16	9.173	617	620	622	rBV	6861859	6318862	100.00%	14.641%
17	9.425	640	642	646	rBV2	69996	112933	1.79%	0.262%
18	9.505	646	649	650	rBV	162340	176129	2.79%	0.408%
19	9.562	653	654	657	rVB	393261	321419	5.09%	0.745%
20	9.619	657	659	662	rBV2	60994	102718	1.63%	0.238%
21	9.848	676	679	681	rBV	1788909	1734241	27.45%	4.018%
22	10.053	694	697	699	rBV2	43379	85661	1.36%	0.198%
23	10.259	711	715	719	rVB3	118768	204210	3.23%	0.473%
24	10.339	719	722	723	rBV	101541	102616	1.62%	0.238%
25	10.453	730	732	735	rBV2	55444	66715	1.06%	0.155%
26	10.556	738	741	743	rVB	46910	66114	1.05%	0.153%
27	10.636	745	748	750	rBV	3550705	3407801	53.93%	7.896%
28	10.762	756	759	765	rVB	75191	101064	1.60%	0.234%
29	10.854	765	767	770	rBV2	50280	69765	1.10%	0.162%
30	11.105	787	789	792	rVB	182452	166983	2.64%	0.387%
31	11.208	796	798	800	rBV	105372	92552	1.46%	0.214%
32	11.322	806	808	811	rVB	1101384	1428211	22.60%	3.309%
33	11.505	820	824	826	rBV	37584	67192	1.06%	0.156%
34	11.562	826	829	833	rVV2	59544	104211	1.65%	0.241%

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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	11.631	833	835	839	rVV	62172	75235	1.19%	0.174%
36	11.722	842	843	846	rVB	136701	121643	1.93%	0.282%
37	11.894	857	858	860	rVB	216581	245056	3.88%	0.568%
38	12.168	880	882	884	rVB	131573	114499	1.81%	0.265%
39	12.751	930	933	936	rBV2	77459	101234	1.60%	0.235%
40	12.922	945	948	950	rBV	4614178	5207569	82.41%	12.066%
41	13.825	1024	1027	1031	rBV2	76069	109932	1.74%	0.255%
42	13.962	1036	1039	1041	rBV	1275642	1134171	17.95%	2.628%
43	14.820	1112	1114	1116	rBV	99482	100736	1.59%	0.233%
44	15.380	1160	1163	1166	rBV	860784	1073449	16.99%	2.487%

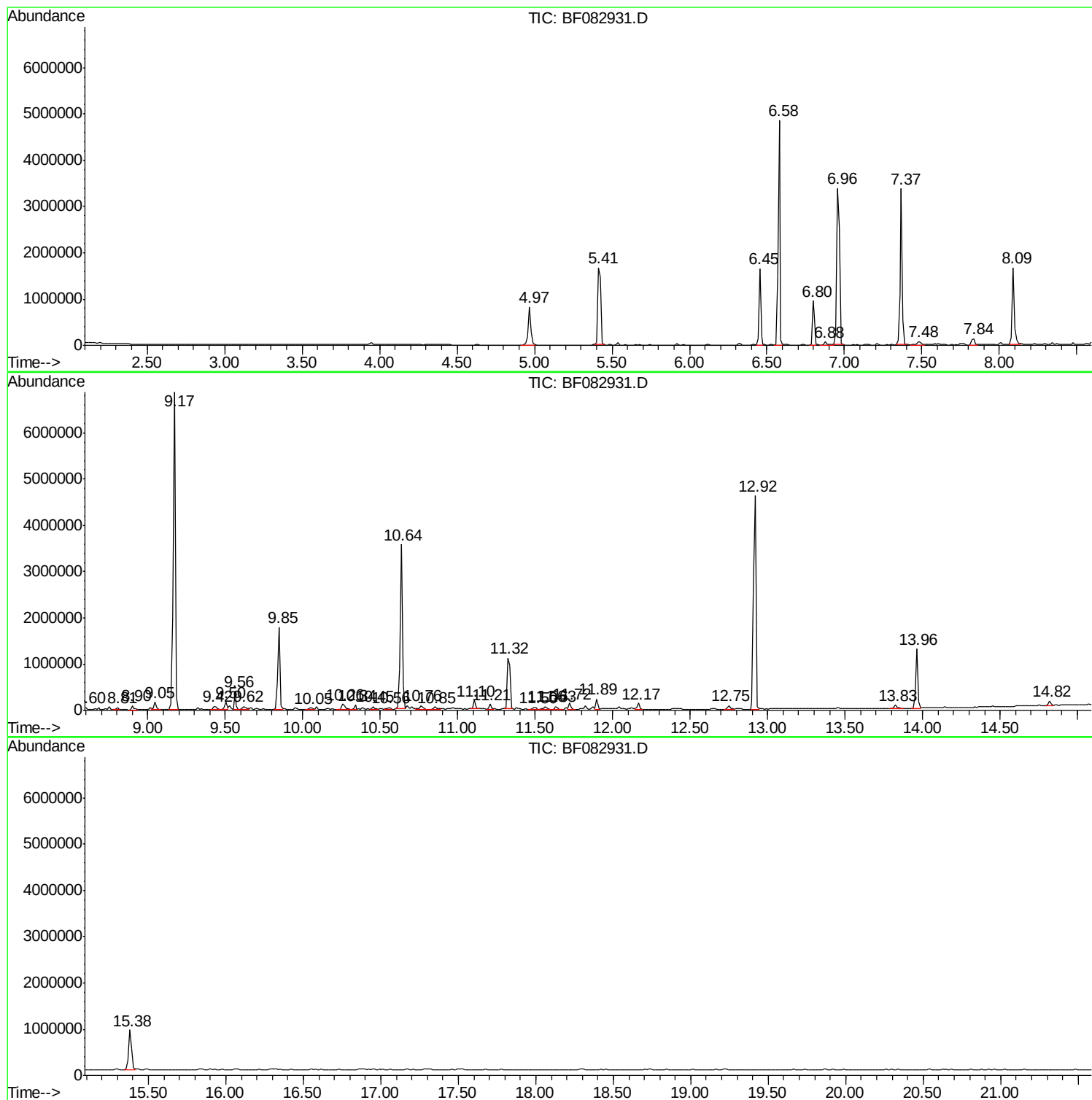
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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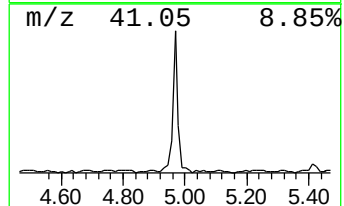
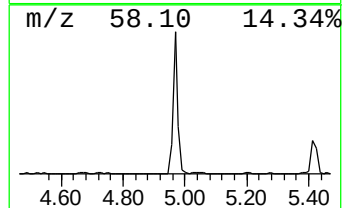
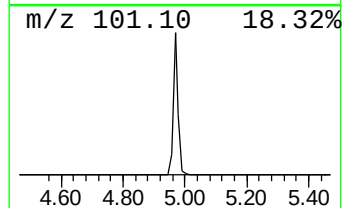
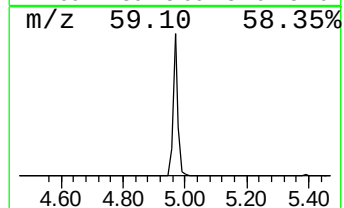
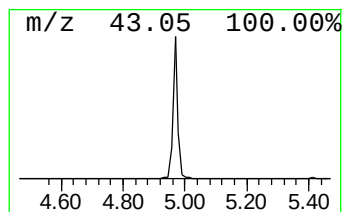
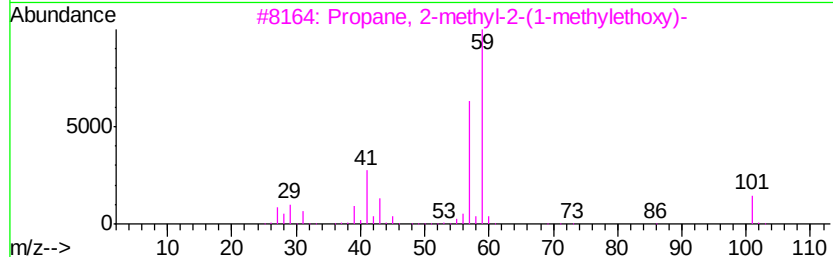
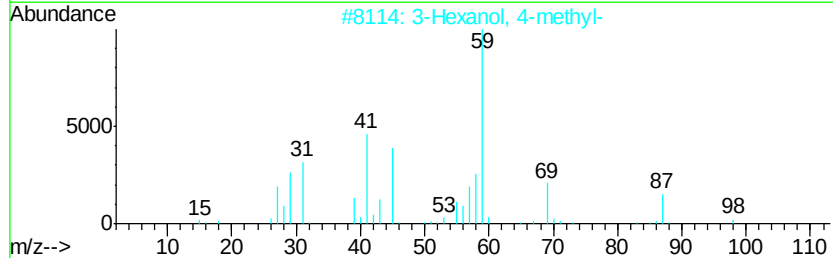
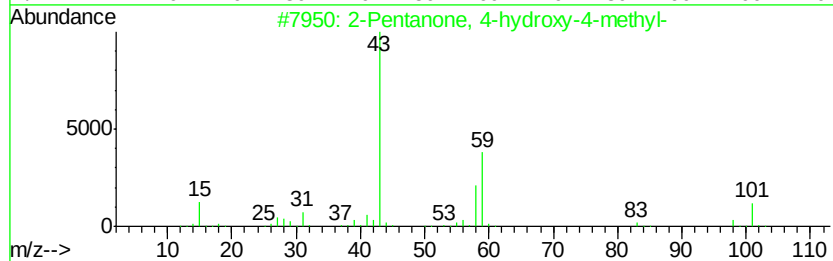
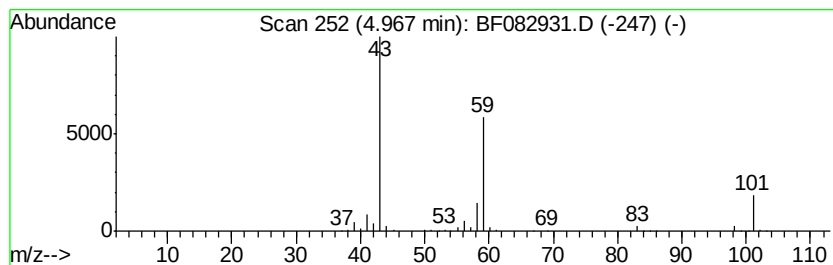
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	16.05 ng	913994	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	33
4			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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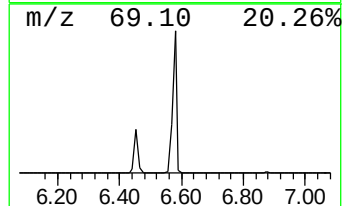
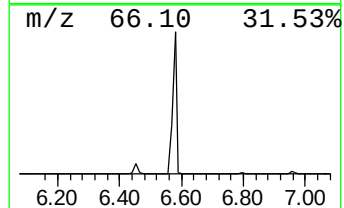
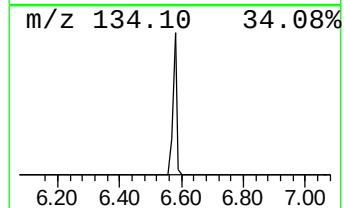
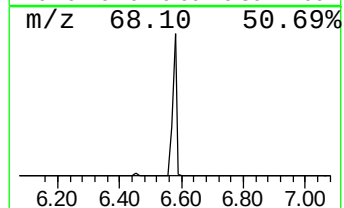
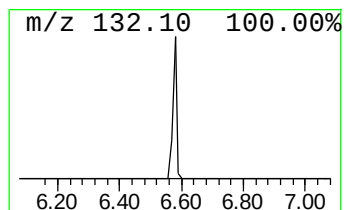
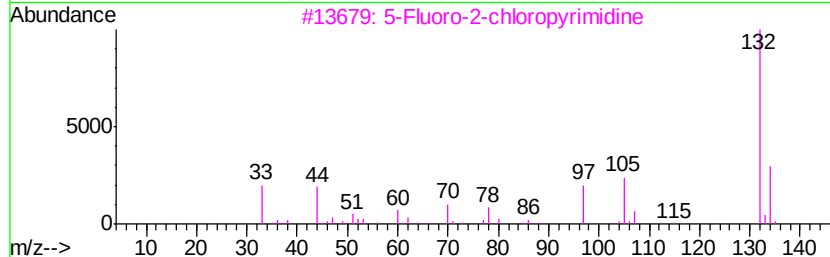
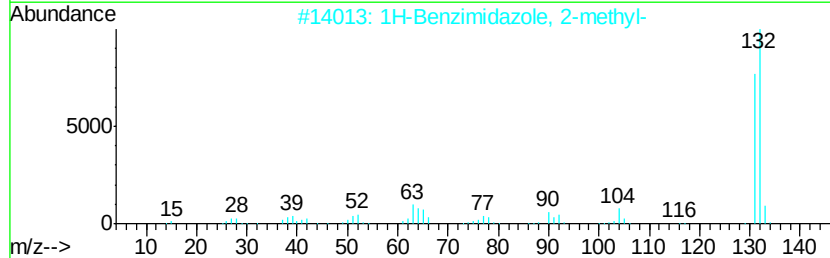
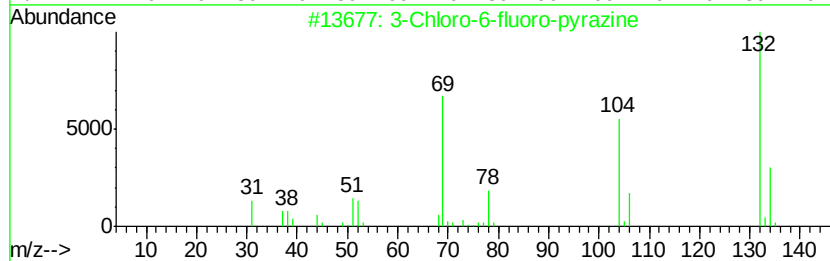
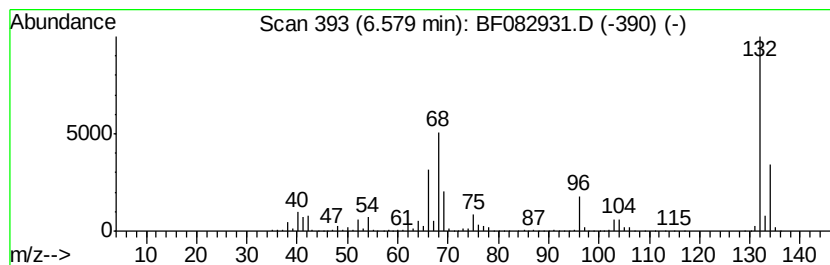
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	78.43 ng	4466440	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10



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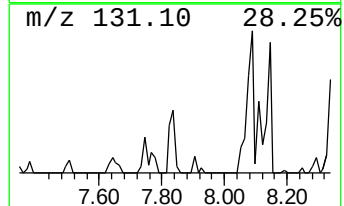
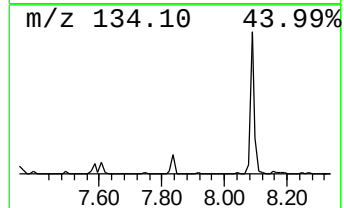
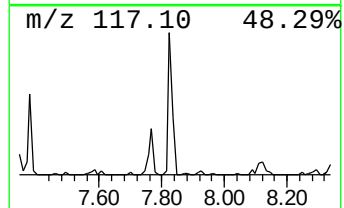
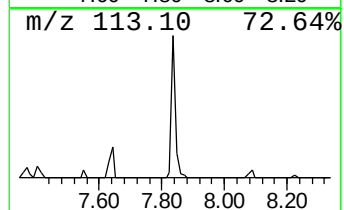
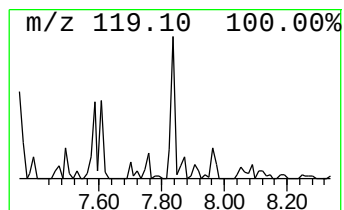
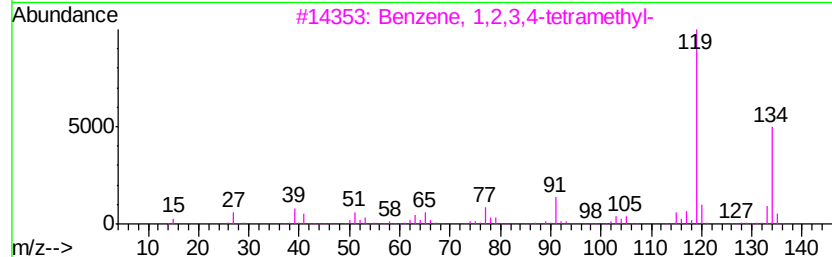
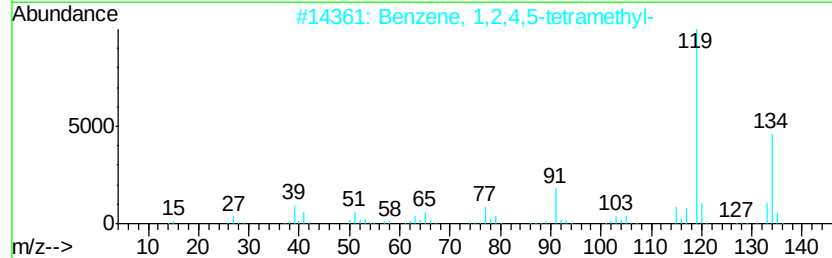
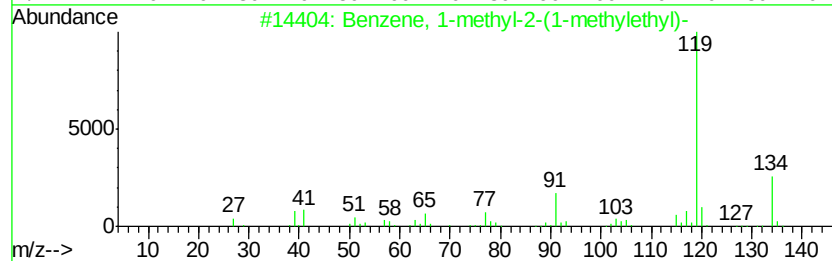
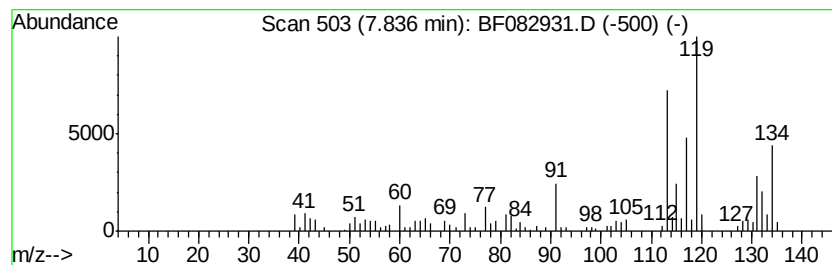
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.84 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	2.30 ng	180075	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	45



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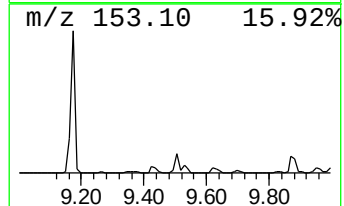
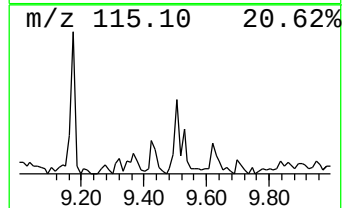
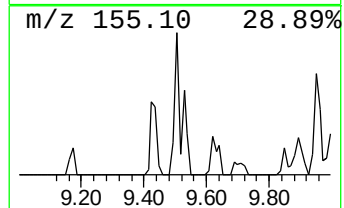
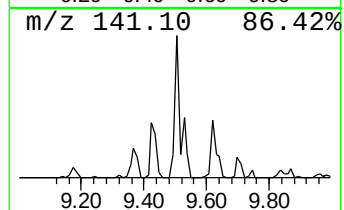
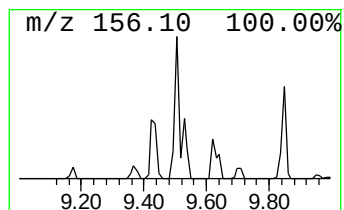
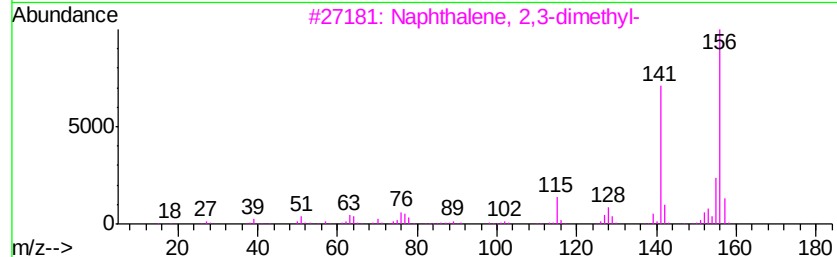
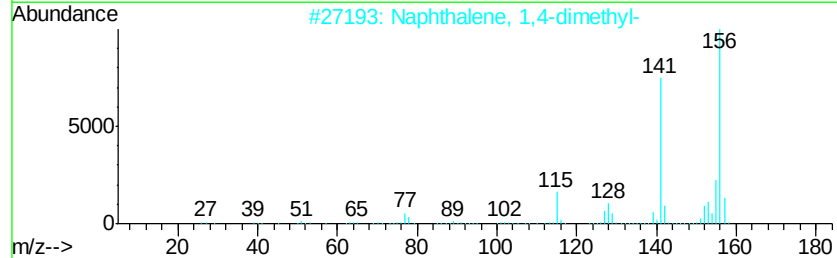
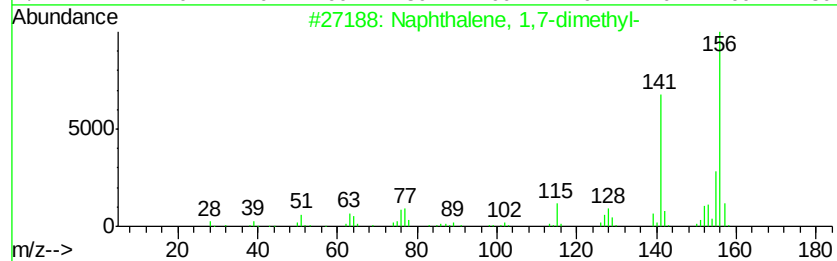
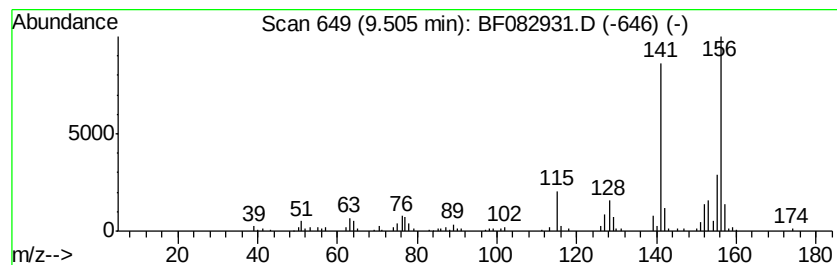
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.03 ng	176129	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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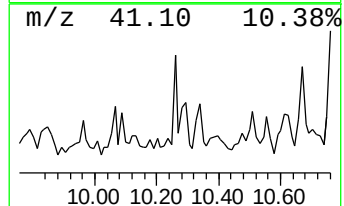
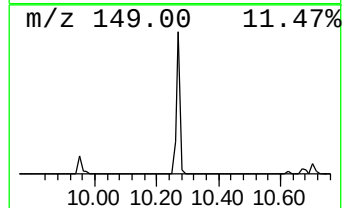
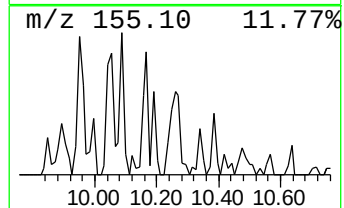
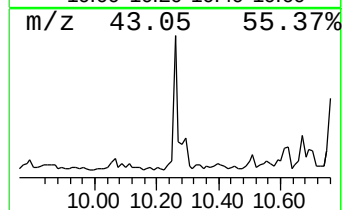
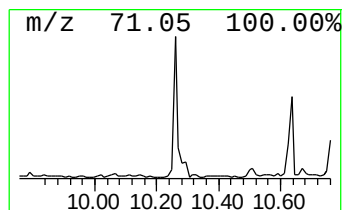
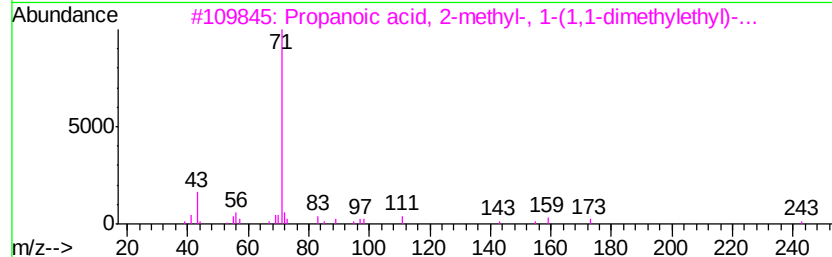
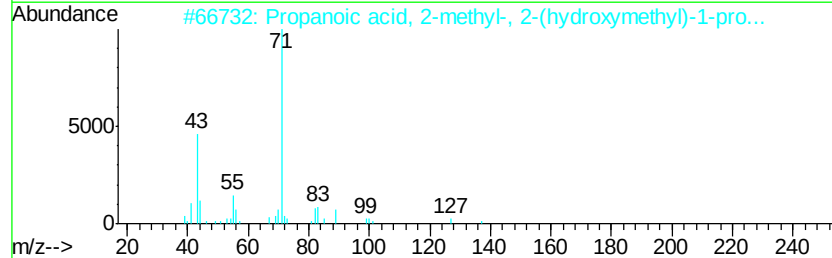
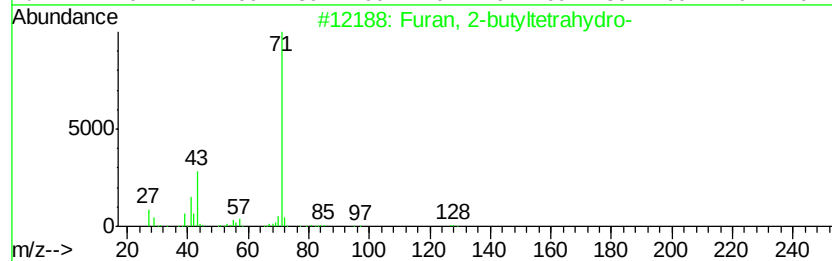
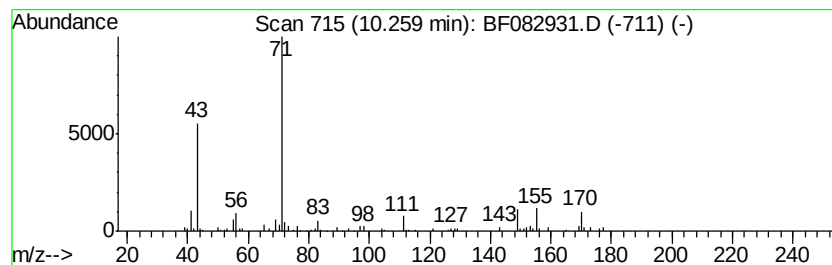
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 unknown10.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.36 ng	204210	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	47
2		Propanoic acid, 2-methyl-, 2-(hy...	216	C12H24O3	074367-32-1	42
3		Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	42
4		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	33
5		Butane, 1-bromo-2-methyl-	150	C5H11Br	010422-35-2	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082931.D
Acq On : 14 Nov 2015 8:38
Operator : UM/IZ
Sample : G4331-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIBERTY-SF-002

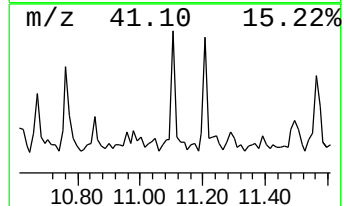
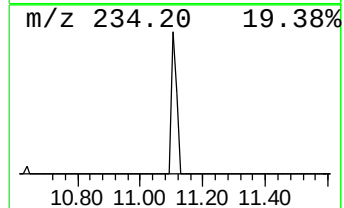
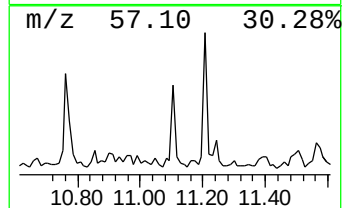
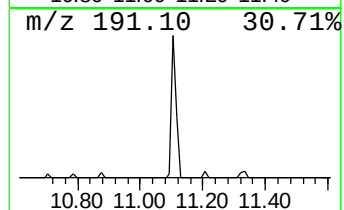
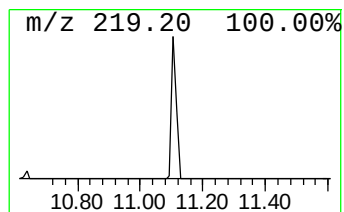
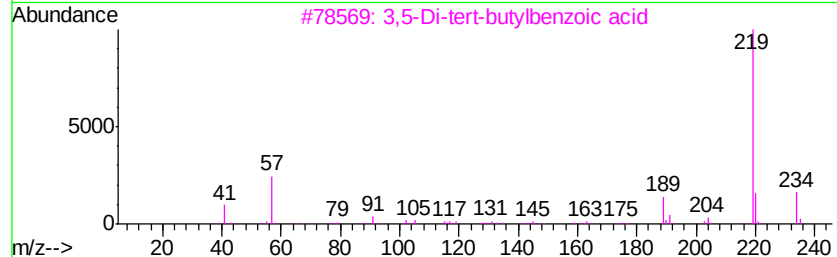
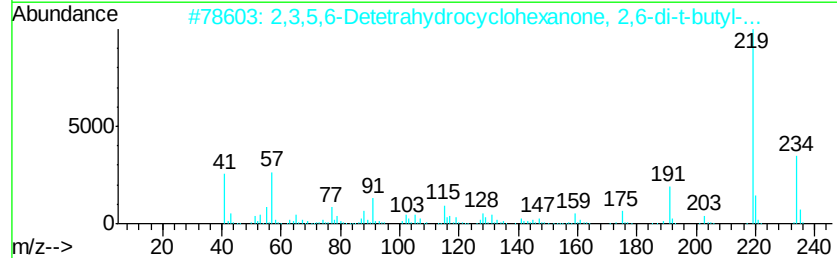
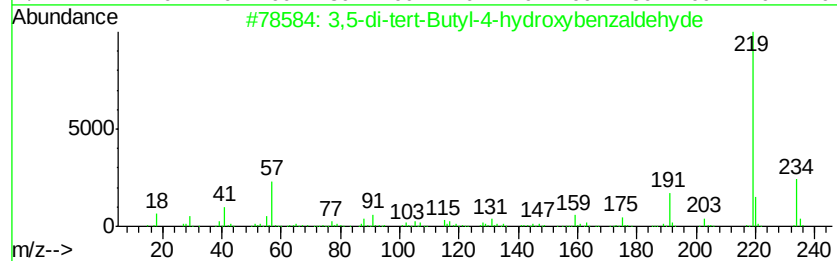
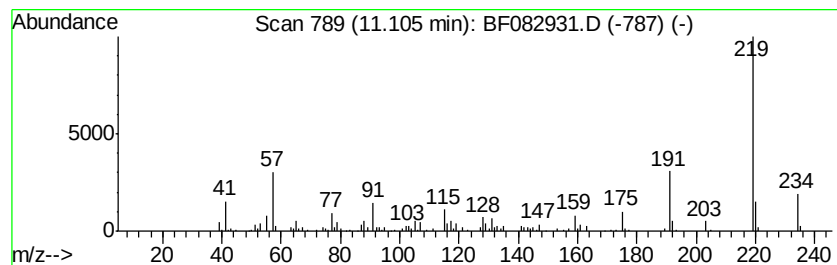
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	2.34 ng	166983	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	97
2		2,3,5,6-Tetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	91
3		3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	64
4		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	64
5		4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082931.D
Acq On : 14 Nov 2015 8:38
Operator : UM/IZ
Sample : G4331-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIBERTY-SF-002

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
2-Pentanone, 4-hy...	4.97	16.1	ng	913994	1	6.80	1138990	20.0
unknown6.58	6.58	78.4	ng	4466440	1	6.80	1138990	20.0
unknown7.84	7.84	2.3	ng	180075	2	8.09	1565990	20.0
Naphthalene, 1,7-...	9.50	2.0	ng	176129	3	9.85	1734240	20.0
unknown10.26	10.26	2.4	ng	204210	3	9.85	1734240	20.0
3,5-di-tert-Butyl...	11.11	2.3	ng	166983	4	11.33	1428210	20.0