

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083800.D
 Acq On : 15 Dec 2015 5:54
 Operator : UM/IZ
 Sample : G4779-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-45

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-BF121315.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	5.082	259	262	266	rVB	163597	223904	6.16%	0.816%
2	5.173	268	270	272	rVB	61121	59276	1.63%	0.216%
3	5.504	296	299	301	rBV	1059330	1320255	36.30%	4.811%
4	6.522	385	388	390	rBV	1030606	881118	24.23%	3.211%
5	6.670	398	401	403	rBV	1755905	2333664	64.17%	8.505%
6	6.899	419	421	423	rBV	770112	667767	18.36%	2.434%
7	7.059	432	435	437	rBV	2442786	2442485	67.16%	8.901%
8	7.150	441	443	447	rVB	63857	65623	1.80%	0.239%
9	7.242	447	451	454	rBV	39733	75306	2.07%	0.274%
10	7.459	466	470	472	rBV	1789055	2026427	55.72%	7.385%
11	7.550	476	478	480	rBV	96520	89383	2.46%	0.326%
12	7.596	480	482	484	rVV	64579	59835	1.65%	0.218%
13	7.676	486	489	491	rVB2	127475	147883	4.07%	0.539%
14	7.836	500	503	504	rBV	88141	100190	2.76%	0.365%
15	7.859	504	505	508	rVB2	51147	70802	1.95%	0.258%
16	7.928	508	511	513	rBV	279610	302812	8.33%	1.104%
17	7.996	515	517	519	rBV2	23610	40079	1.10%	0.146%
18	8.076	521	524	526	rBV2	21863	53087	1.46%	0.193%
19	8.122	526	528	531	rBV3	27185	57261	1.57%	0.209%
20	8.179	531	533	537	rVV	895711	998187	27.45%	3.638%
21	8.236	537	538	540	rVB	75527	60151	1.65%	0.219%
22	8.385	549	551	553	rVV	91757	94578	2.60%	0.345%
23	8.430	553	555	556	rVV	102947	90753	2.50%	0.331%
24	8.499	556	561	563	rVV5	30452	89504	2.46%	0.326%
25	8.568	566	567	569	rVB	84764	65794	1.81%	0.240%
26	8.648	569	574	576	rBV4	42960	89375	2.46%	0.326%
27	8.693	576	578	580	rVV	54838	74224	2.04%	0.270%
28	8.750	580	583	584	rVB	38257	44154	1.21%	0.161%
29	8.842	590	591	593	rBV	90558	81003	2.23%	0.295%
30	8.876	593	594	598	rVB3	36124	61069	1.68%	0.223%
31	9.013	601	606	610	rVB5	52126	160768	4.42%	0.586%
32	9.128	610	616	617	rBV3	45491	133193	3.66%	0.485%
33	9.265	625	628	630	rVB	3353229	3636624	100.00%	13.253%
34	9.413	639	641	644	rVB	67562	80583	2.22%	0.294%

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 Integrator: RTE
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 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 >
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35	9.596	655	657	660	rVB4	53311	68311	1.88%	0.249%
36	9.665	660	663	666	rBV4	24729	56716	1.56%	0.207%
37	9.711	666	667	670	rBV2	26035	43780	1.20%	0.160%
38	9.836	676	678	680	rBV	38478	39154	1.08%	0.143%
39	9.939	684	687	689	rBV	1041400	1080992	29.73%	3.939%
40	10.099	698	701	702	rBV3	25377	47738	1.31%	0.174%
41	10.133	702	704	707	rVV4	44120	81938	2.25%	0.299%
42	10.213	709	711	712	rVV2	28083	44419	1.22%	0.162%
43	10.248	712	714	716	rVV3	34800	63614	1.75%	0.232%
44	10.316	718	720	721	rVV	45284	44459	1.22%	0.162%
45	10.373	721	725	727	rVB3	42452	70874	1.95%	0.258%
46	10.476	733	734	736	rBV	39919	37531	1.03%	0.137%
47	10.602	739	745	746	rBV4	25866	73640	2.02%	0.268%
48	10.728	753	756	758	rBV2	1637981	2211621	60.82%	8.060%
49	10.842	765	766	770	rVB2	36267	66822	1.84%	0.244%
50	10.911	770	772	779	rVB7	12222	40386	1.11%	0.147%
51	11.414	814	816	819	rVB	1036818	986956	27.14%	3.597%
52	11.631	832	835	837	rBV	94459	90094	2.48%	0.328%
53	12.785	933	936	938	rBV	100077	122033	3.36%	0.445%
54	13.002	952	955	958	rBV	2887252	3530608	97.08%	12.867%
55	13.780	1021	1023	1026	rBV2	59272	77390	2.13%	0.282%
56	13.894	1031	1033	1037	rBV2	32707	61823	1.70%	0.225%
57	14.042	1044	1046	1049	rBV	864650	969030	26.65%	3.531%
58	15.483	1169	1172	1175	rBV	634127	753221	20.71%	2.745%

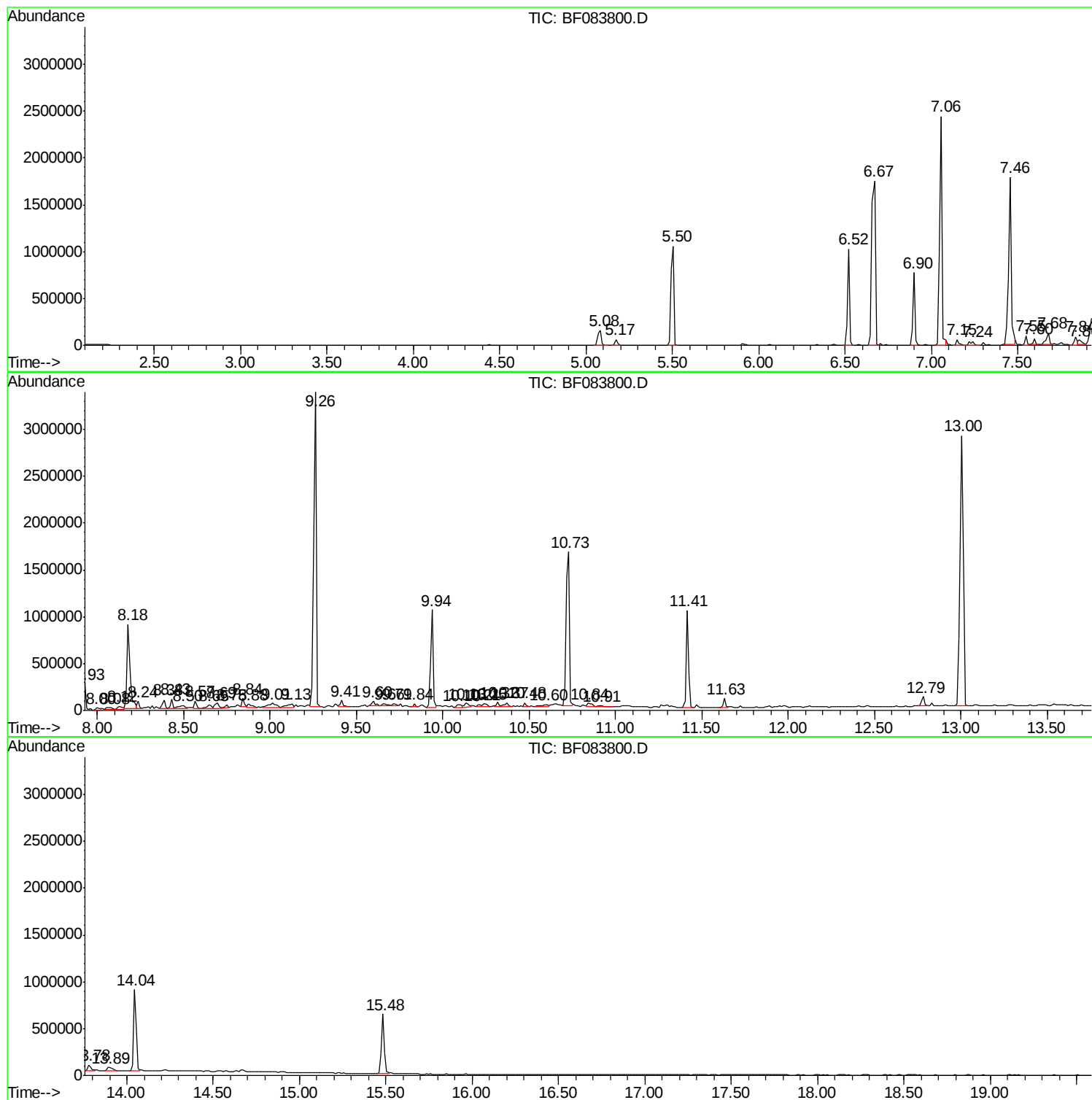
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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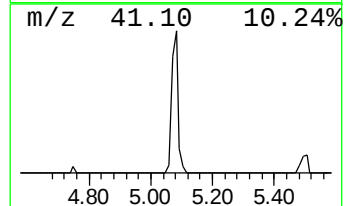
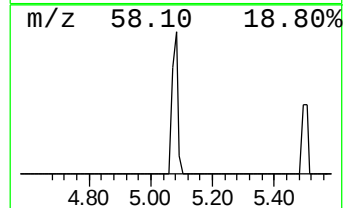
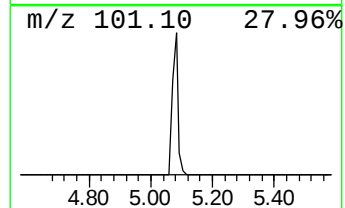
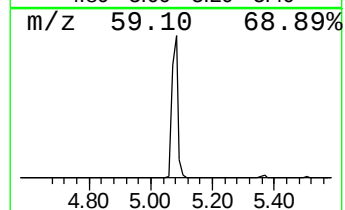
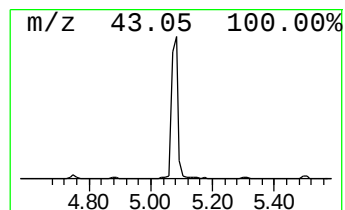
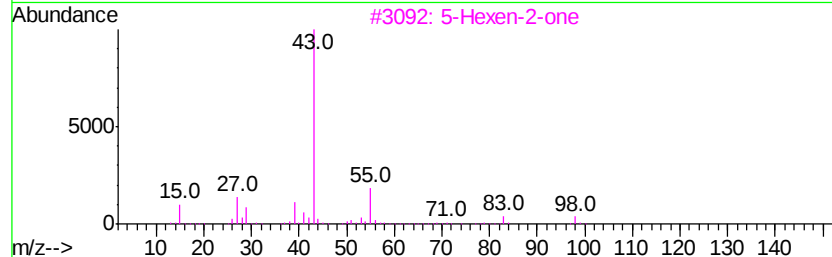
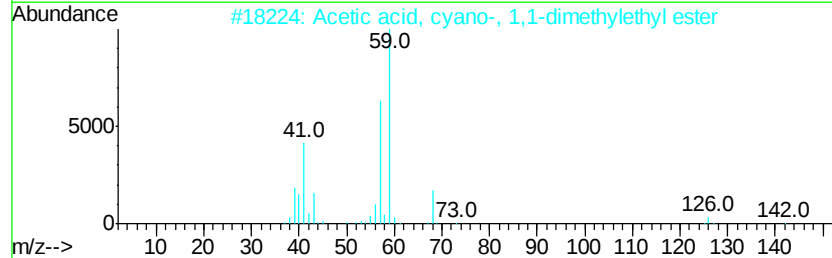
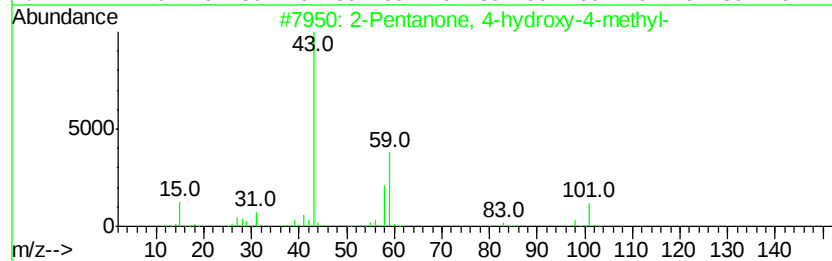
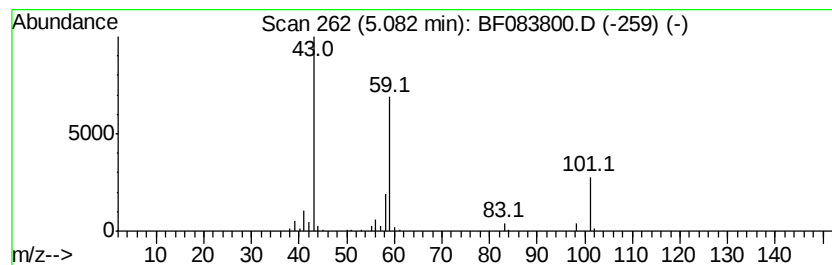
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.71 ng	223904	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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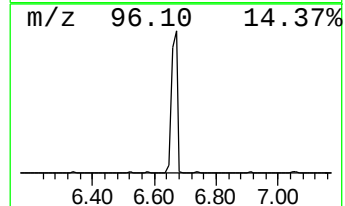
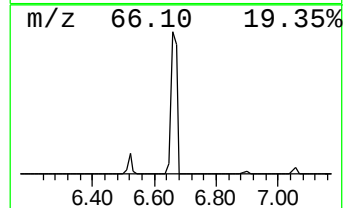
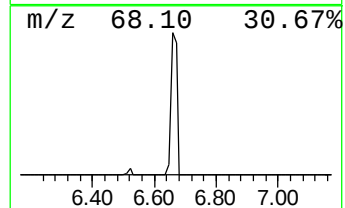
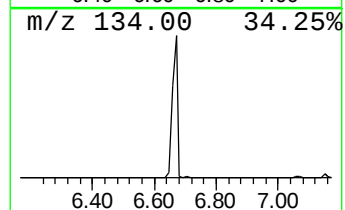
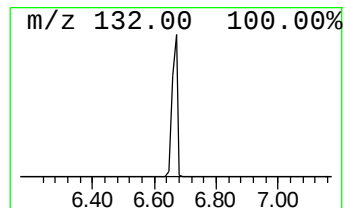
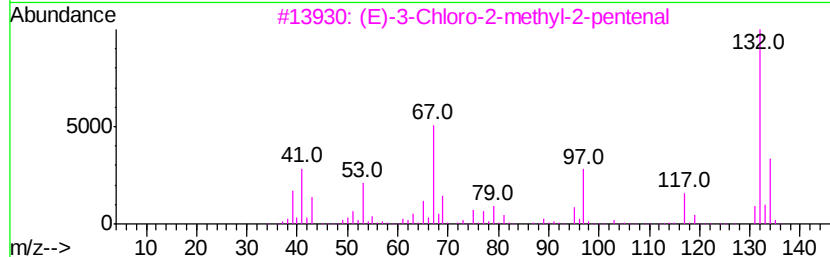
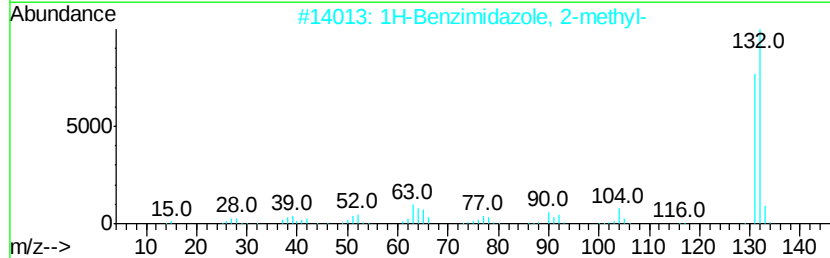
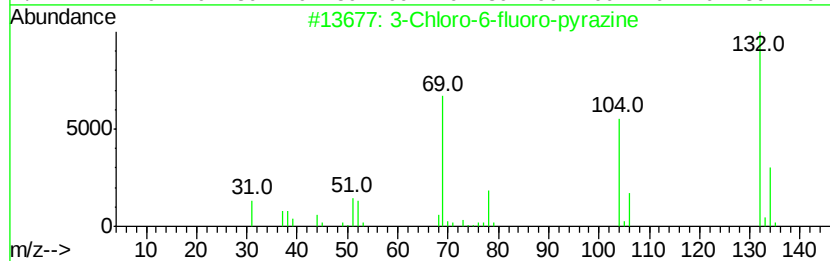
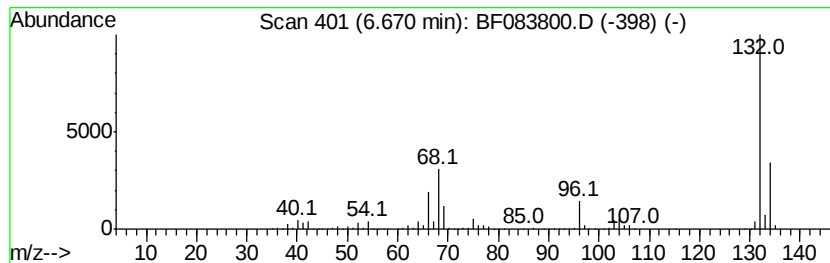
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	69.89 ng	2333660	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	38
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	12
3	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...			132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9



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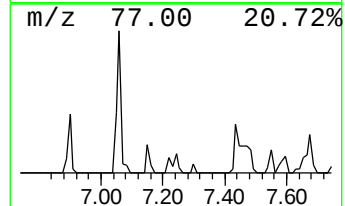
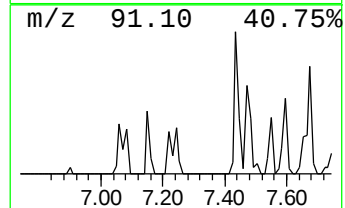
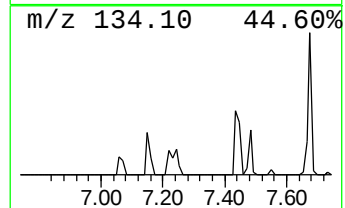
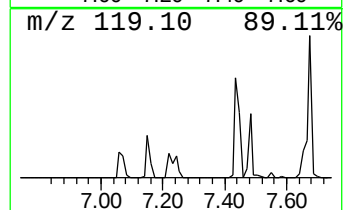
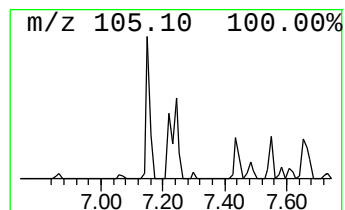
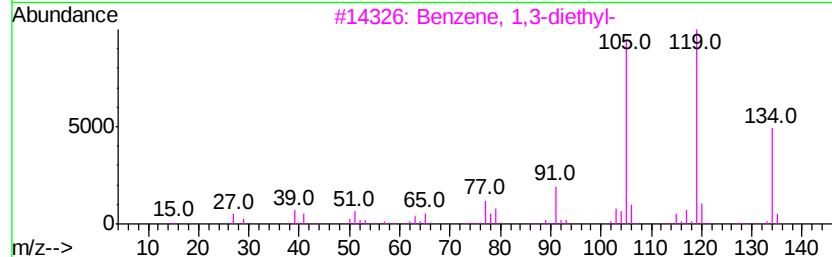
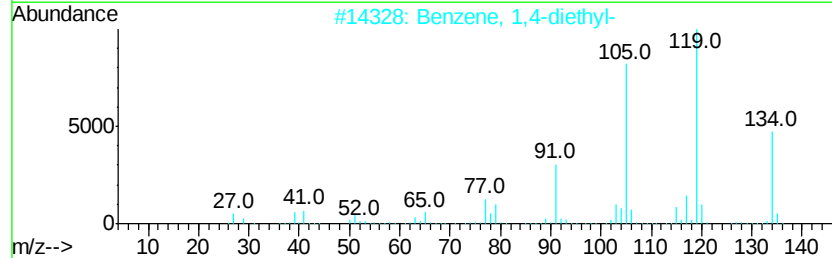
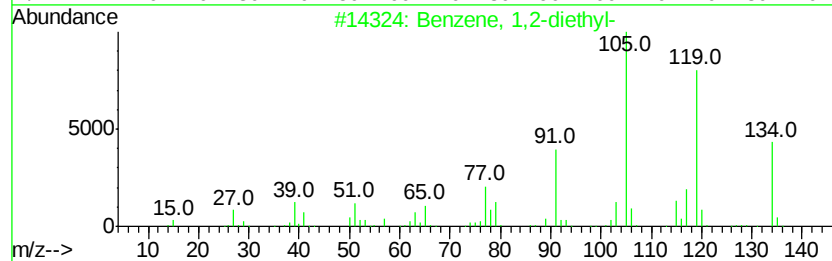
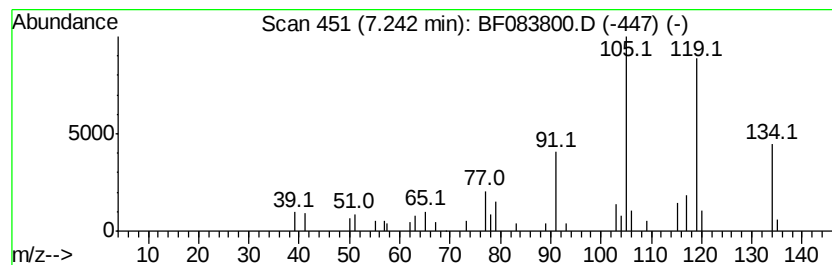
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	2.26 ng	75306	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5		Benzene, tert-butyl-	134	C10H14	000098-06-6	58



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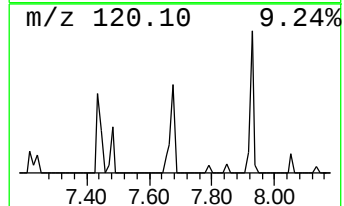
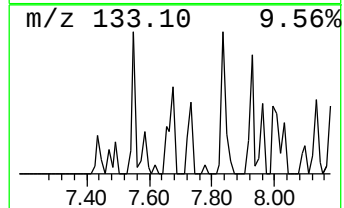
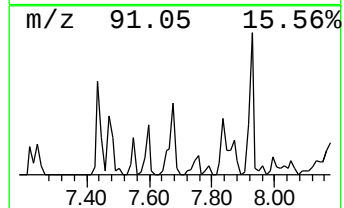
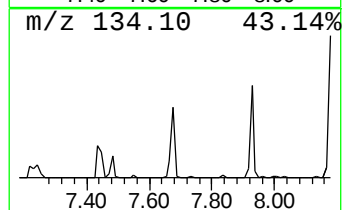
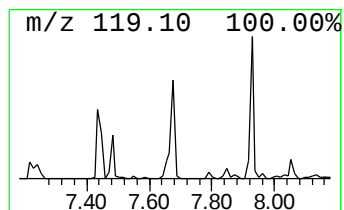
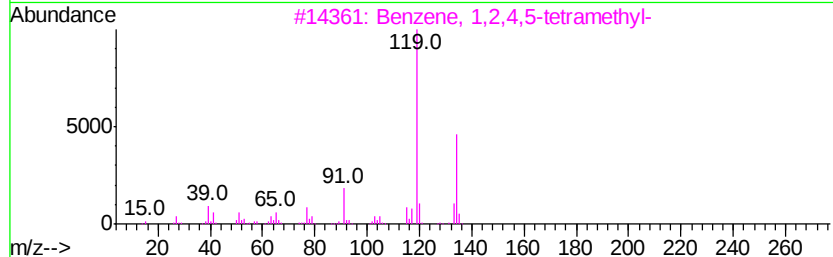
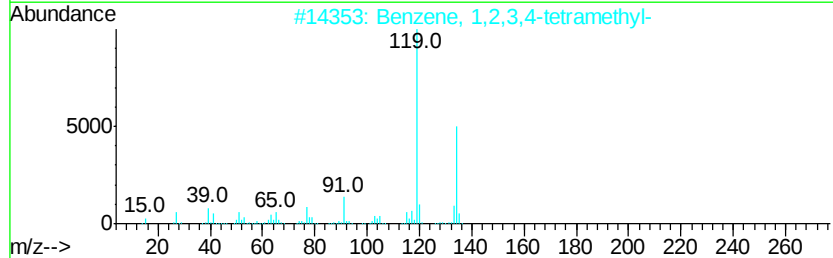
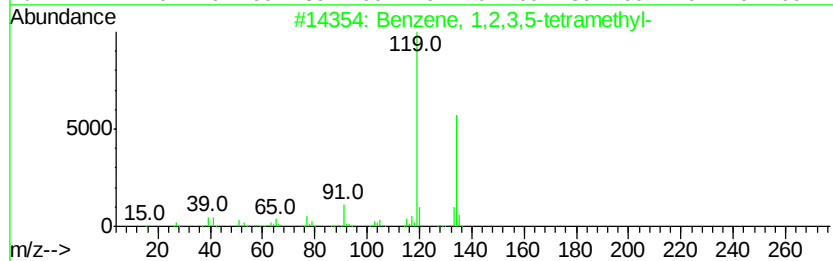
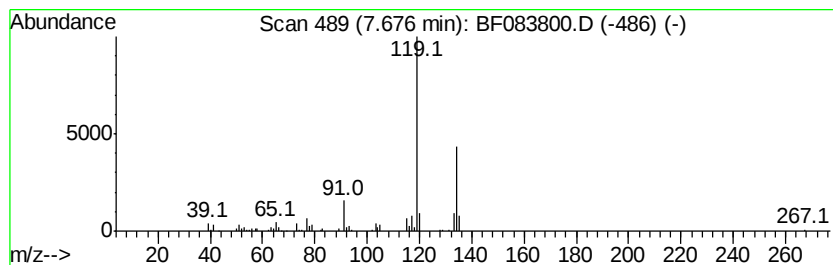
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	2.96 ng	147883	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



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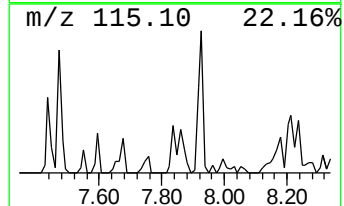
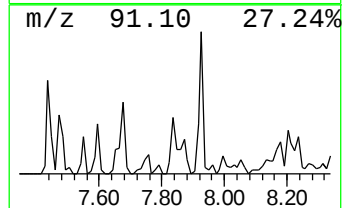
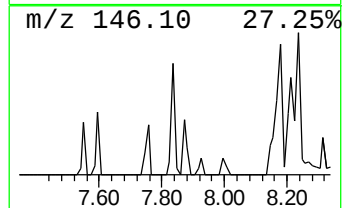
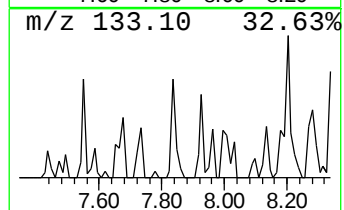
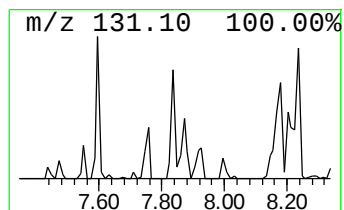
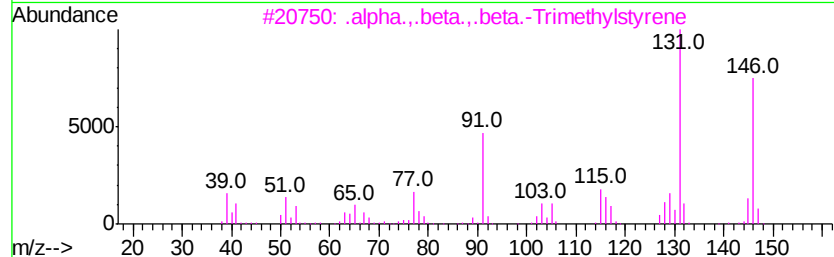
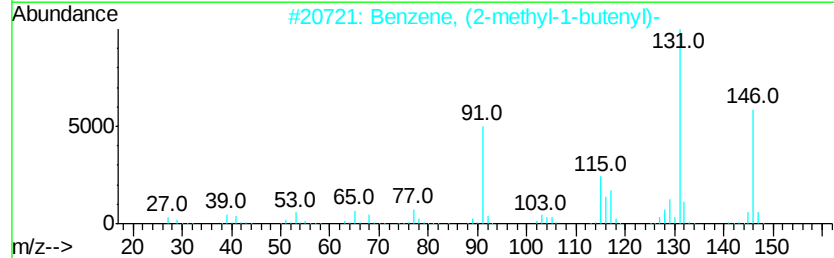
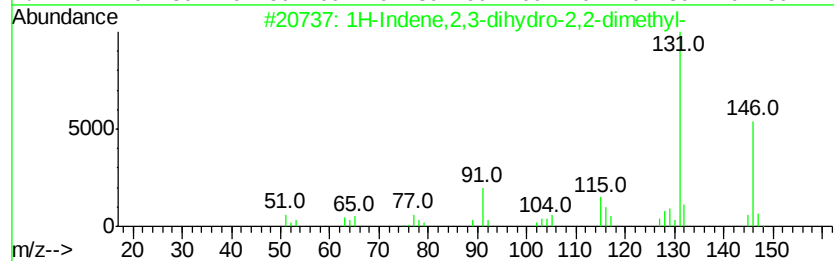
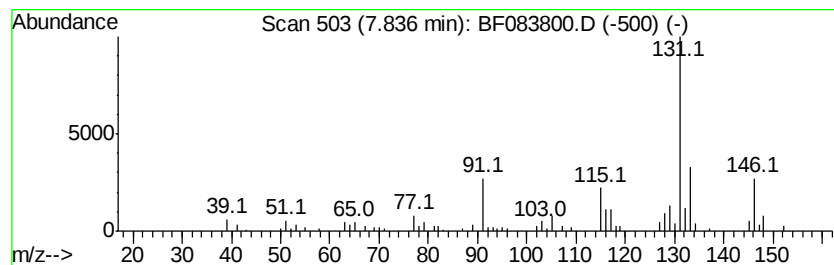
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	2.01 ng	100190	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	93
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
3			.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
4			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083800.D
Acq On : 15 Dec 2015 5:54
Operator : UM/IZ
Sample : G4779-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-45

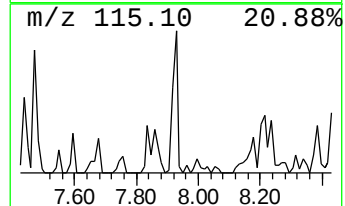
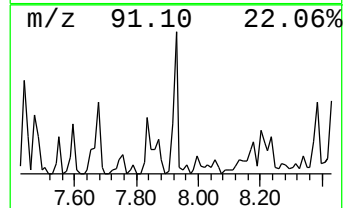
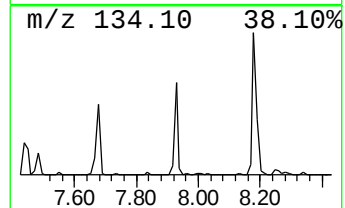
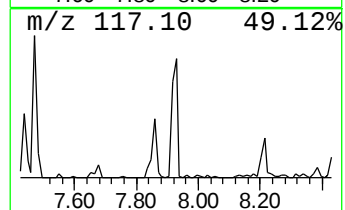
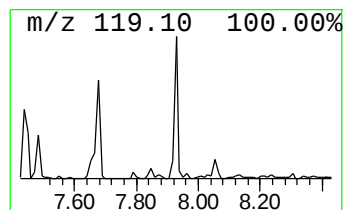
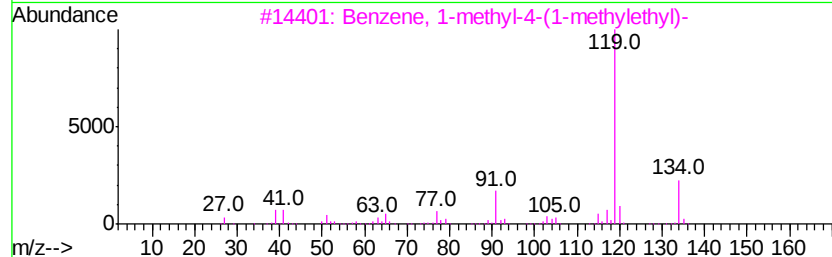
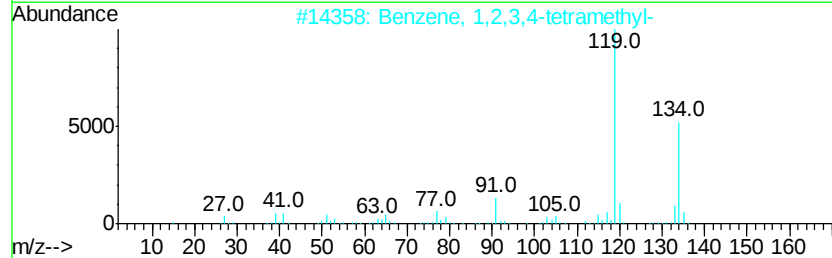
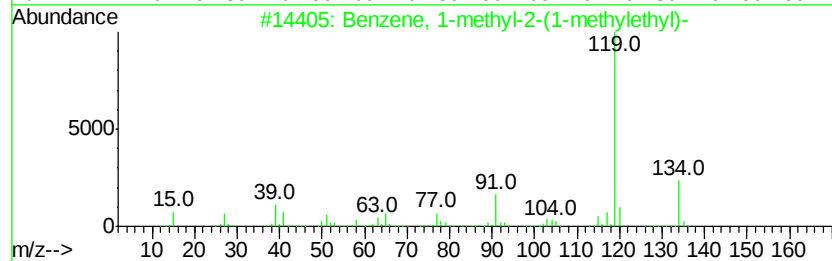
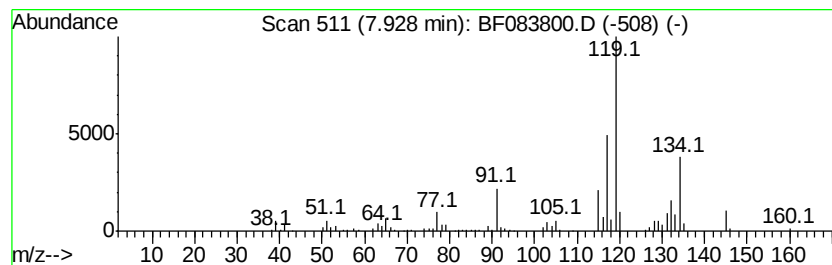
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	6.07 ng	302812	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
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Acq On : 15 Dec 2015 5:54
Operator : UM/IZ
Sample : G4779-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-45

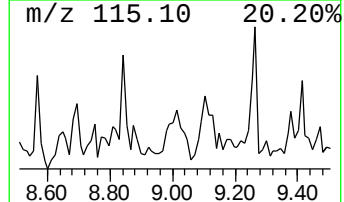
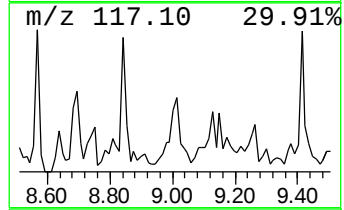
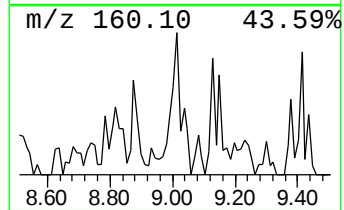
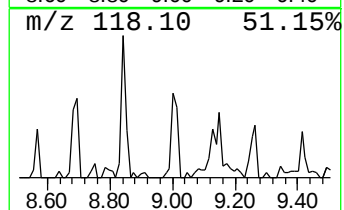
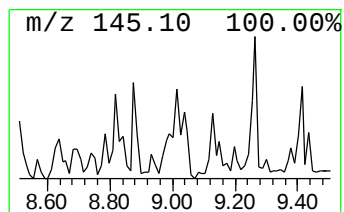
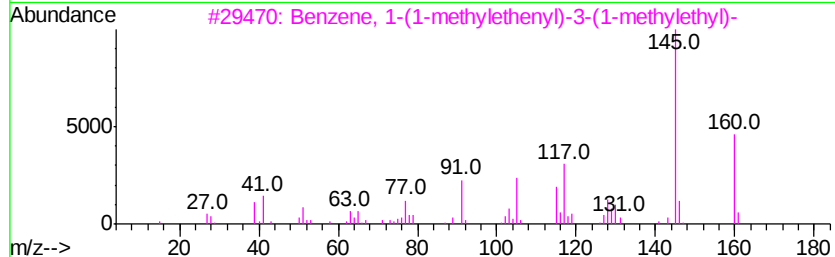
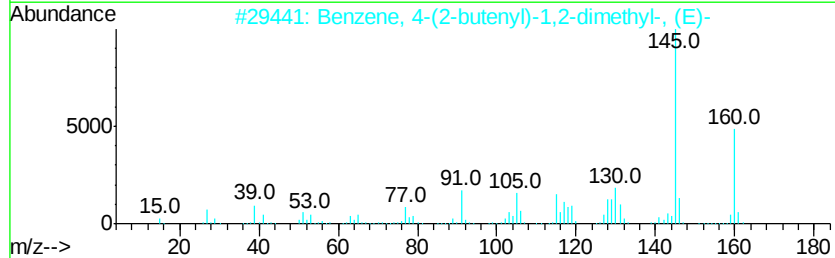
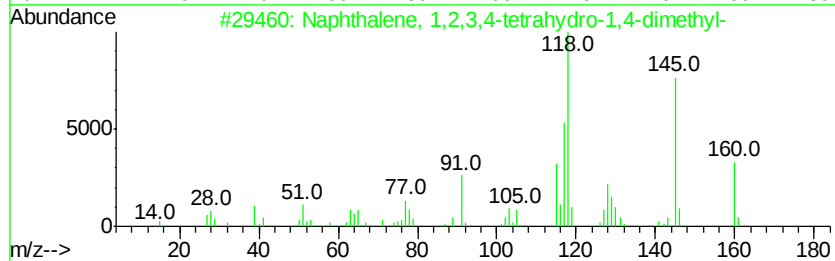
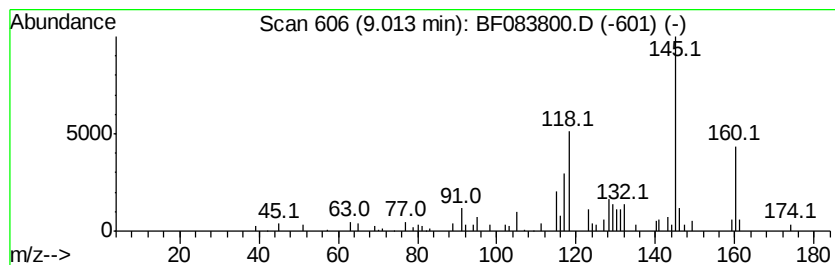
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	3.22 ng	160768	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	89
3		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	89
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	74
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
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Operator : UM/IZ
Sample : G4779-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-45

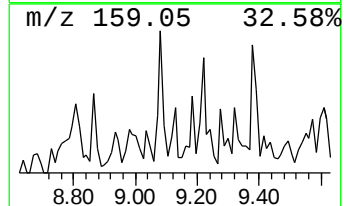
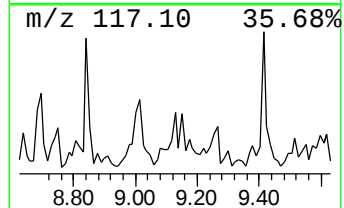
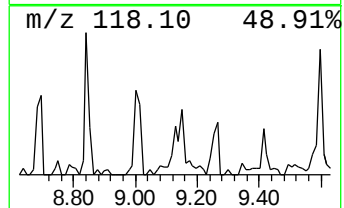
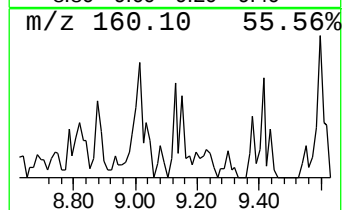
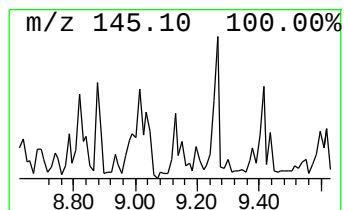
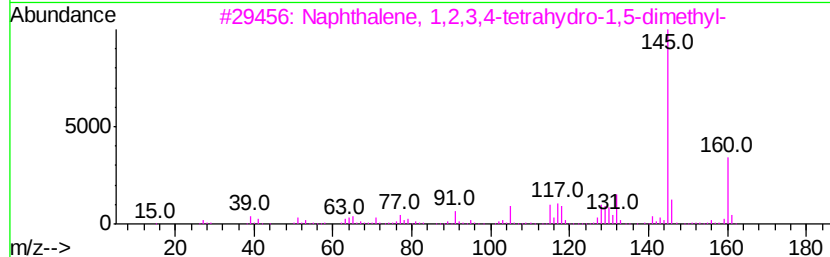
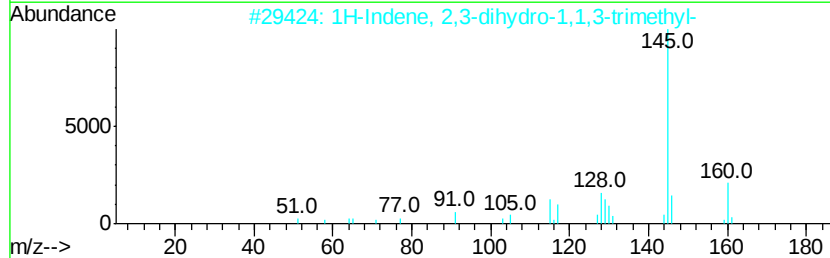
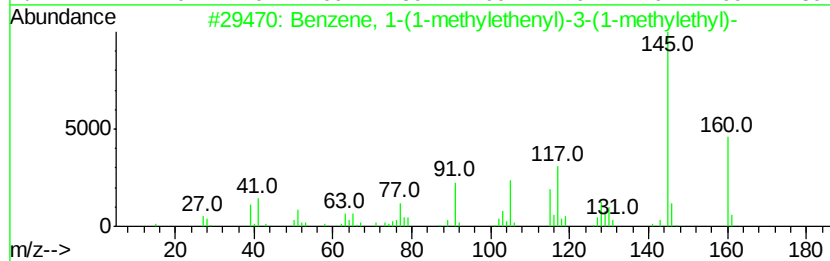
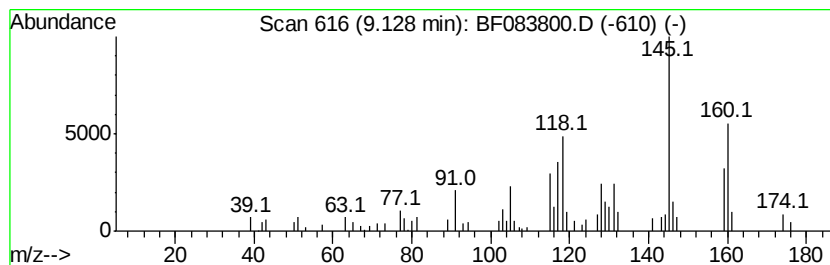
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-(1-methylethenyl)... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.46 ng	133193	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	91
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	86
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
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Operator : UM/IZ
Sample : G4779-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-45

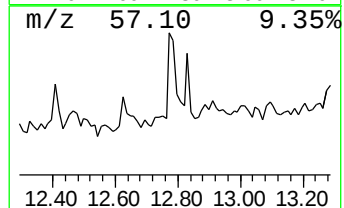
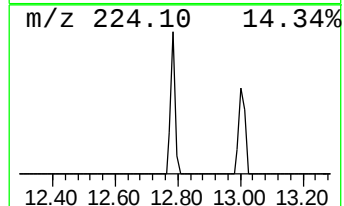
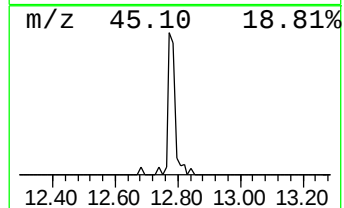
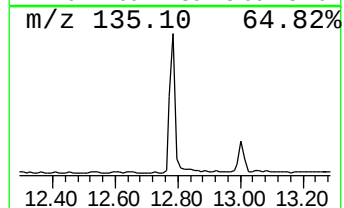
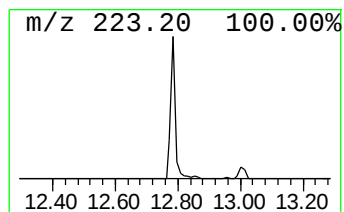
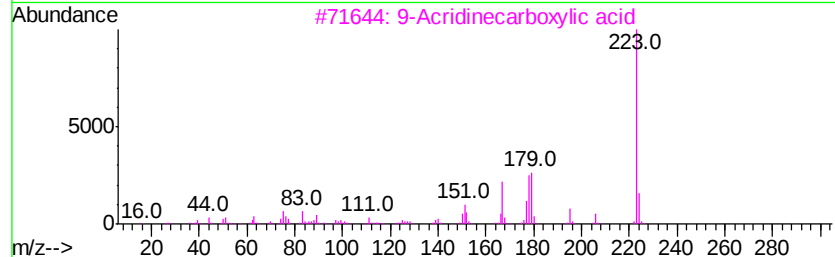
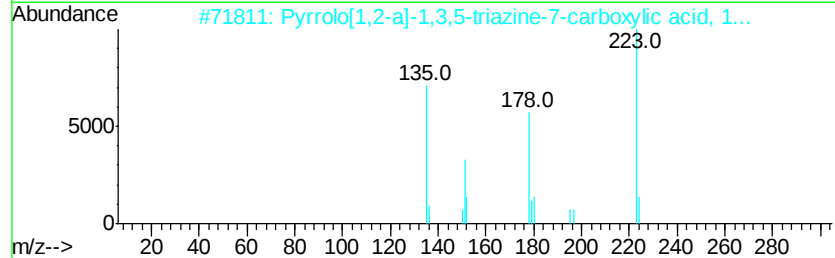
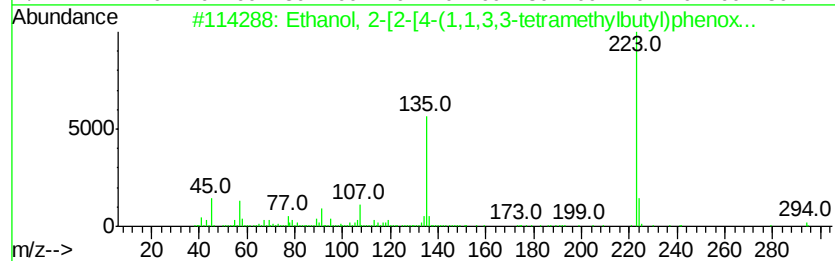
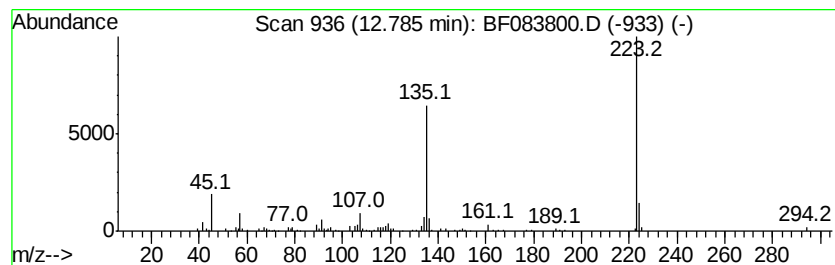
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.52 ng	122033	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	87
2		Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	86
3		9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	43
4		1,3,6,9b-Tetraazaphenalene-4-car...	223	C12H9N5	038439-32-6	43
5		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	22



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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-45

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.08	6.7	ng	223904	1	6.90	667767	20.0
unknown6.67	6.67	69.9	ng	2333660	1	6.90	667767	20.0
Benzene, 1,2-diet...	7.24	2.3	ng	75306	1	6.90	667767	20.0
Benzene, 1,2,3,5-...	7.68	3.0	ng	147883	2	8.18	998187	20.0
1H-Indene,2,3-dih...	7.84	2.0	ng	100190	2	8.18	998187	20.0
Benzene, 1-methyl...	7.93	6.1	ng	302812	2	8.18	998187	20.0
Naphthalene, 1,2,...	9.01	3.2	ng	160768	2	8.18	998187	20.0
Benzene, 1-(1-met...	9.13	2.5	ng	133193	3	9.94	1080990	20.0
Ethanol, 2-[2-[4-...	12.79	2.5	ng	122033	5	14.04	969030	20.0