

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092104.D
 Acq On : 5 Jan 2017 22:20
 Operator : UM/SJ
 Sample : I1004-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

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-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	4.779	250	253	257	rBV	592005	750904	12.46%	0.676%
2	5.247	292	294	301	rBV	2688197	2735468	45.40%	2.462%
3	5.464	311	313	316	rBV4	30174	75459	1.25%	0.068%
4	5.636	325	328	330	rBV2	38177	76277	1.27%	0.069%
5	5.796	338	342	345	rBV	730479	753061	12.50%	0.678%
6	5.887	347	350	354	rVB4	35900	92032	1.53%	0.083%
7	6.070	361	366	367	rBV2	43842	85409	1.42%	0.077%
8	6.104	367	369	371	rVB	645568	908050	15.07%	0.817%
9	6.162	371	374	378	rBV	146809	244790	4.06%	0.220%
10	6.253	380	382	383	rBV	98006	125659	2.09%	0.113%
11	6.310	385	387	394	rVB	2422958	2639055	43.80%	2.376%
12	6.424	394	397	400	rBV	5320846	5216459	86.58%	4.696%
13	6.493	400	403	405	rVB4	65070	150063	2.49%	0.135%
14	6.527	405	406	409	rVB3	49151	79556	1.32%	0.072%
15	6.607	409	413	415	rBV2	566684	739304	12.27%	0.665%
16	6.653	415	417	419	rBV	1416077	1400243	23.24%	1.260%
17	6.813	428	431	435	rBV2	3360372	5447480	90.42%	4.904%
18	6.905	437	439	441	rVB	595203	617728	10.25%	0.556%
19	6.996	444	447	450	rBV3	499698	1002491	16.64%	0.902%
20	7.065	450	453	454	rBV3	103306	233246	3.87%	0.210%
21	7.099	454	456	459	rVB2	179133	255096	4.23%	0.230%
22	7.202	460	465	466	rBV2	1371202	2715314	45.07%	2.444%
23	7.225	466	467	470	rVB2	3530085	3357095	55.72%	3.022%
24	7.305	472	474	476	rBV2	323939	372469	6.18%	0.335%
25	7.350	476	478	482	rBV3	313831	448728	7.45%	0.404%
26	7.430	482	485	487	rVB	1401836	1535048	25.48%	1.382%
27	7.465	487	488	491	rBV3	159469	222606	3.69%	0.200%
28	7.522	491	493	494	rBV2	122558	163573	2.71%	0.147%
29	7.556	494	496	497	rBV	204361	220648	3.66%	0.199%
30	7.613	497	501	504	rVB3	631119	1407770	23.37%	1.267%
31	7.682	504	507	509	rBV	2364071	2567560	42.62%	2.311%
32	7.716	509	510	512	rVB	89901	69029	1.15%	0.062%
33	7.773	512	515	517	rVB2	277123	549896	9.13%	0.495%
34	7.819	517	519	523	rBV2	295376	494599	8.21%	0.445%

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35	7.876	523	524	526	rBV2	344025	667480	11.08%	0.601%
36	7.945	526	530	533	rVB3	1465083	2684895	44.56%	2.417%
37	7.990	533	534	536	rVB	889856	690289	11.46%	0.621%
38	8.036	536	538	540	rBV2	341260	341758	5.67%	0.308%
39	8.093	540	543	545	rBV3	495284	991306	16.45%	0.892%
40	8.139	545	547	549	rBV2	609020	565638	9.39%	0.509%
41	8.185	549	551	552	rBV2	780684	812695	13.49%	0.732%
42	8.208	552	553	557	rVB4	518628	899560	14.93%	0.810%
43	8.322	557	563	565	rBV6	613875	1114389	18.50%	1.003%
44	8.379	565	568	570	rBV3	799514	1417664	23.53%	1.276%
45	8.413	570	571	573	rVB2	356232	256550	4.26%	0.231%
46	8.448	573	574	575	rBV	441428	331391	5.50%	0.298%
47	8.528	578	581	583	rBV4	308055	568795	9.44%	0.512%
48	8.608	585	588	589	rBV	672909	896415	14.88%	0.807%
49	8.630	589	590	592	rVB2	692354	710907	11.80%	0.640%
50	8.665	592	593	596	rBV2	107388	249579	4.14%	0.225%
51	8.722	596	598	599	rBV	904222	1099211	18.24%	0.989%
52	8.756	599	601	605	rVB	1905452	2466462	40.94%	2.220%
53	8.859	608	610	611	rVB2	270651	284799	4.73%	0.256%
54	8.893	611	613	614	rVB	296601	249394	4.14%	0.224%
55	8.962	615	619	622	rVB4	735156	2006720	33.31%	1.806%
56	9.019	622	624	626	rBV	4728890	6024956	100.00%	5.423%
57	9.213	630	641	643	rBV9	546780	2757242	45.76%	2.482%
58	9.282	643	647	649	rBV2	681488	1195759	19.85%	1.076%
59	9.350	651	653	655	rBV2	1316200	2134128	35.42%	1.921%
60	9.465	661	663	668	rVB2	498586	1192033	19.78%	1.073%
61	9.545	668	670	672	rBV2	492796	784852	13.03%	0.706%
62	9.693	677	683	686	rBV	1757078	3632142	60.28%	3.269%
63	9.796	690	692	694	rVB2	453073	439291	7.29%	0.395%
64	9.876	695	699	702	rVB6	591499	1843401	30.60%	1.659%
65	9.945	702	705	708	rBV4	355087	880077	14.61%	0.792%
66	10.002	708	710	711	rBV	491398	648051	10.76%	0.583%
67	10.093	716	718	719	rVV	1467408	1652665	27.43%	1.488%
68	10.128	719	721	722	rVV2	439594	525718	8.73%	0.473%
69	10.162	722	724	725	rVB	576881	617523	10.25%	0.556%
70	10.231	728	730	732	rVB2	426677	587313	9.75%	0.529%
71	10.288	733	735	737	rBV3	441905	805215	13.36%	0.725%

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72	10.436	744	748	750	rBV2	975481	2023319	33.58%	1.821%
73	10.482	750	752	755	rVV3	2960921	4479069	74.34%	4.032%
74	10.539	755	757	761	rVV2	947914	1629088	27.04%	1.466%
75	10.608	761	763	767	rVB4	428880	1166940	19.37%	1.050%
76	10.699	767	771	772	rBV4	462778	1001343	16.62%	0.901%
77	10.733	772	774	776	rVB3	223985	292737	4.86%	0.264%
78	10.836	781	783	786	rVV2	780362	1154087	19.16%	1.039%
79	10.905	787	789	794	rVV5	450289	953704	15.83%	0.858%
80	11.042	798	801	803	rVV3	481495	1120265	18.59%	1.008%
81	11.099	804	806	809	rVV4	462512	900966	14.95%	0.811%
82	11.168	810	812	814	rVV	1722738	1703246	28.27%	1.533%
83	11.236	814	818	819	rVV	609544	1104921	18.34%	0.995%
84	11.271	819	821	824	rVV3	482551	1007549	16.72%	0.907%
85	11.351	826	828	829	rVB2	323887	375160	6.23%	0.338%
86	11.499	839	841	844	rBV2	181587	336690	5.59%	0.303%
87	11.579	847	848	850	rBV	146273	230952	3.83%	0.208%
88	11.728	859	861	865	rVB3	535194	697744	11.58%	0.628%
89	11.934	877	879	880	rBV	171087	163048	2.71%	0.147%
90	12.082	891	892	894	rVB	223019	192962	3.20%	0.174%
91	12.334	912	914	919	rVB4	74322	150276	2.49%	0.135%
92	12.505	927	929	931	rBV	299990	300989	5.00%	0.271%
93	12.757	948	951	953	rBV	4882498	4829741	80.16%	4.347%
94	13.328	999	1001	1009	rVB2	49353	84493	1.40%	0.076%
95	13.659	1028	1030	1035	rVB	61360	91535	1.52%	0.082%
96	13.797	1039	1042	1044	rBV	1091316	1107437	18.38%	0.997%
97	14.642	1114	1116	1119	rVB	68150	77465	1.29%	0.070%
98	15.168	1159	1162	1165	rBV	712424	949956	15.77%	0.855%
99	15.591	1197	1199	1201	rBV2	35931	91960	1.53%	0.083%
100	16.094	1241	1243	1245	rBV3	37597	97377	1.62%	0.088%

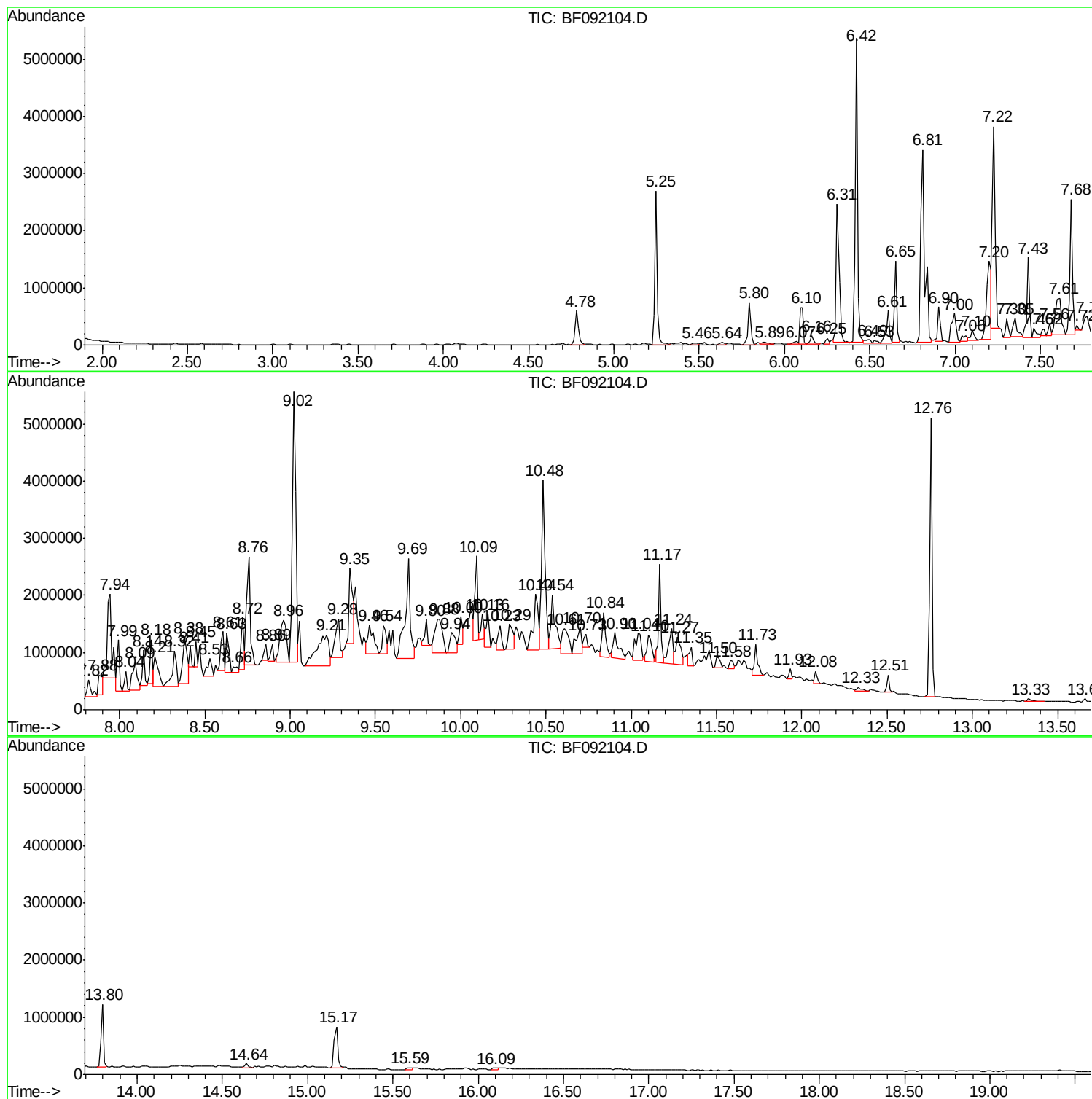
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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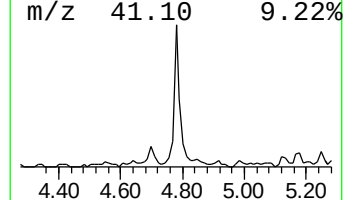
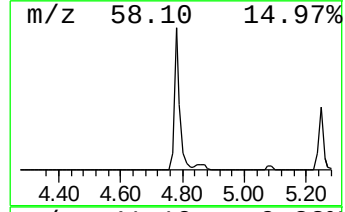
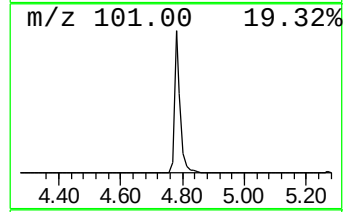
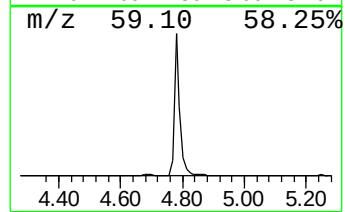
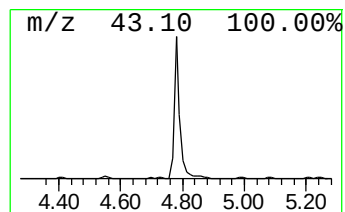
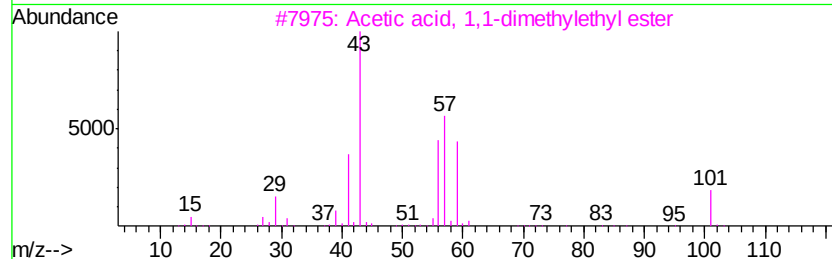
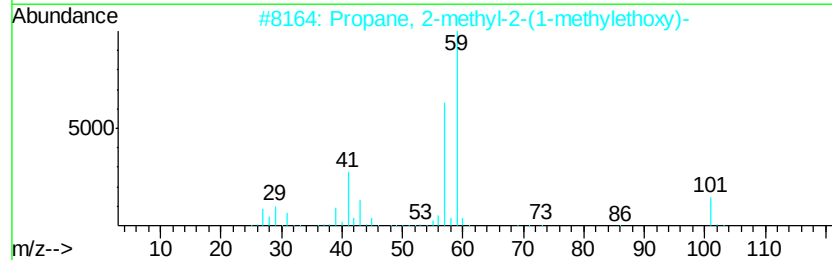
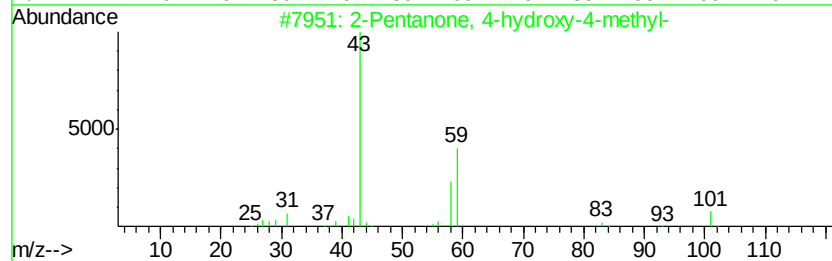
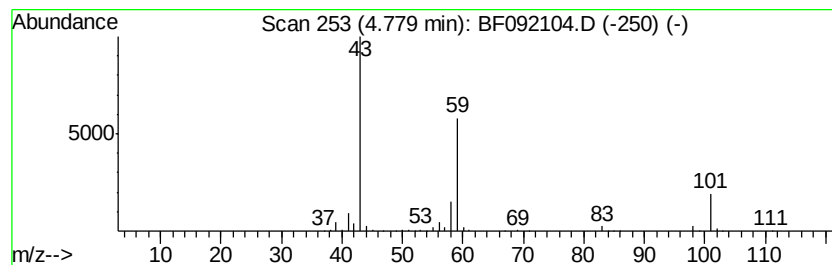
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	10.73 ng	750904	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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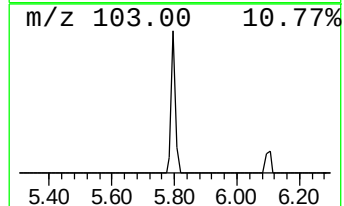
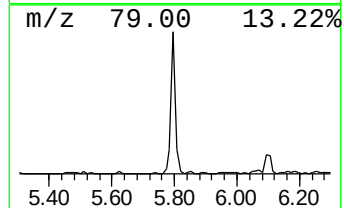
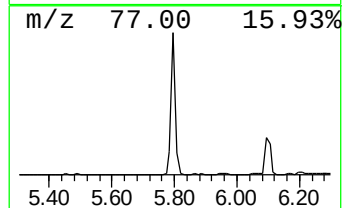
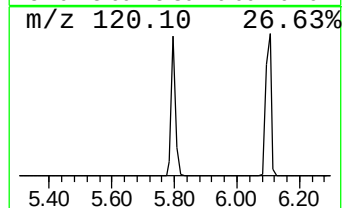
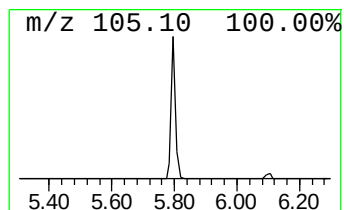
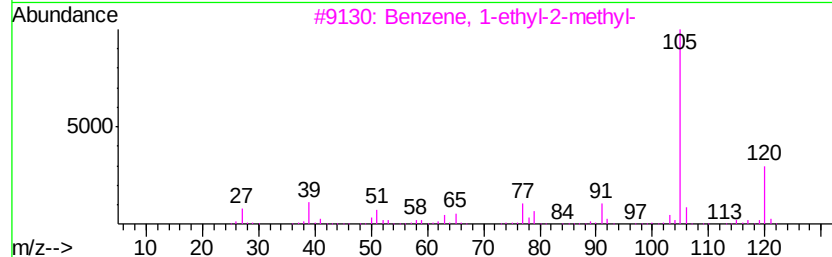
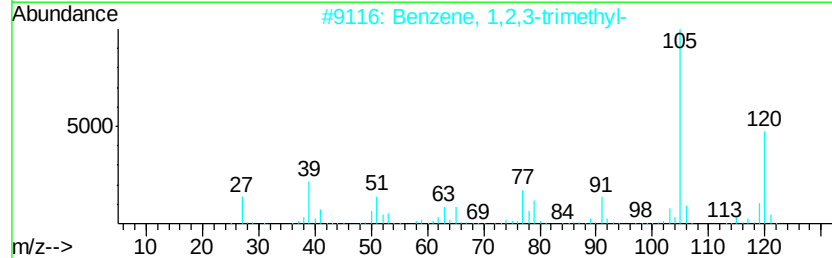
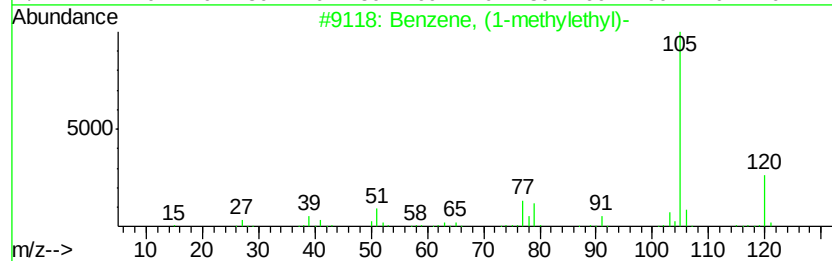
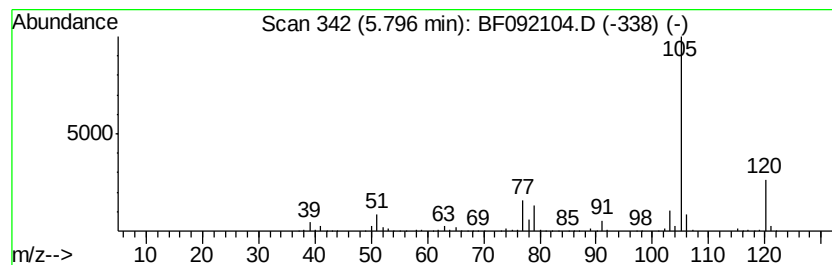
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	10.76 ng	753061	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80



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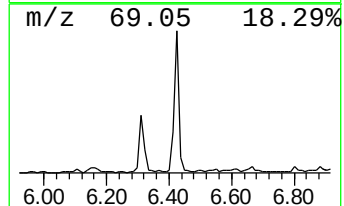
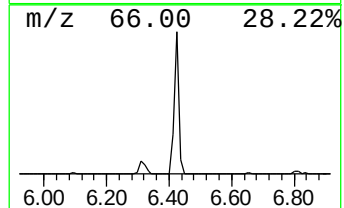
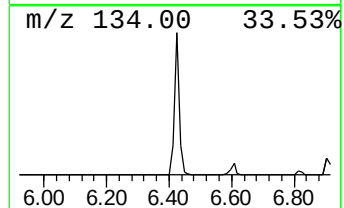
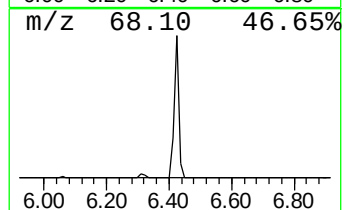
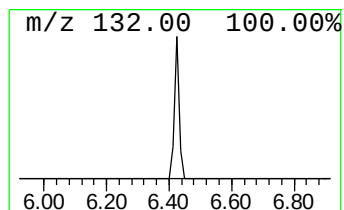
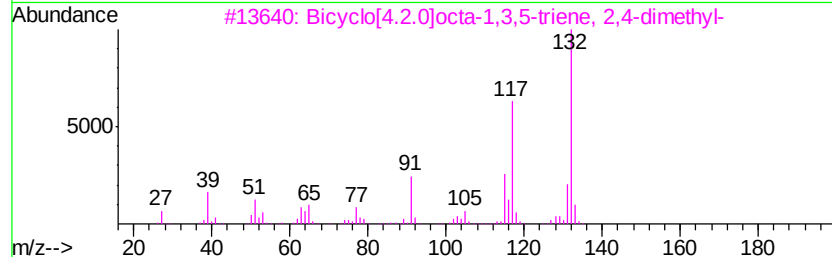
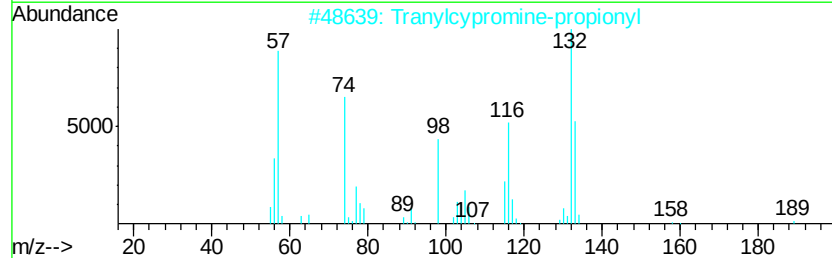
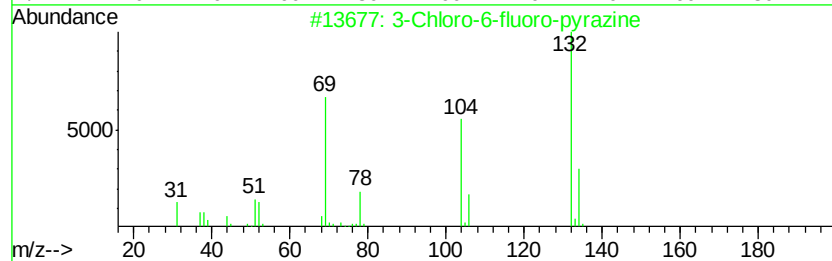
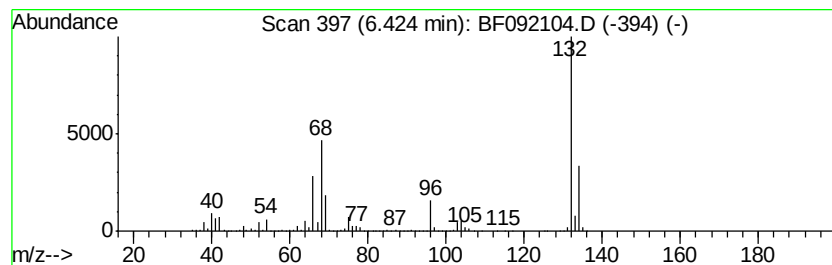
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	74.51 ng	5216460	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

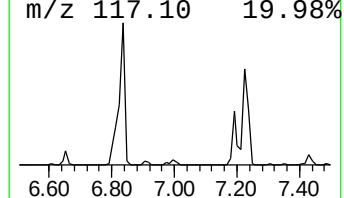
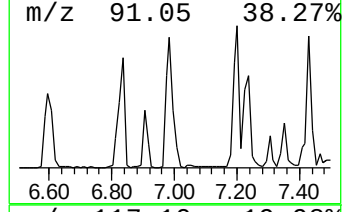
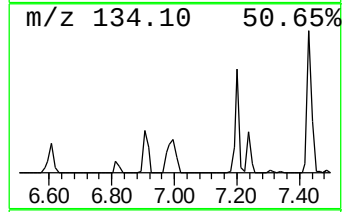
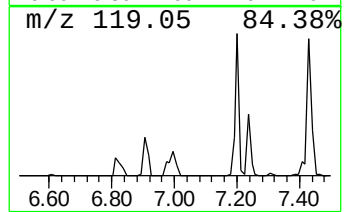
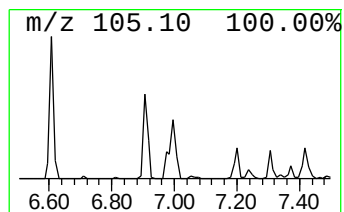
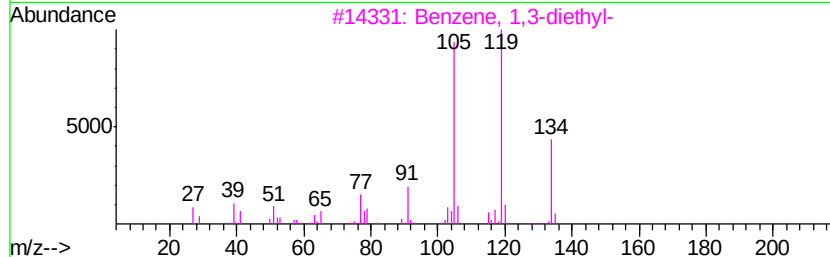
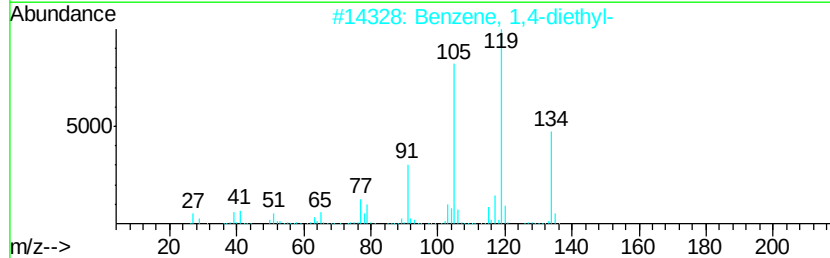
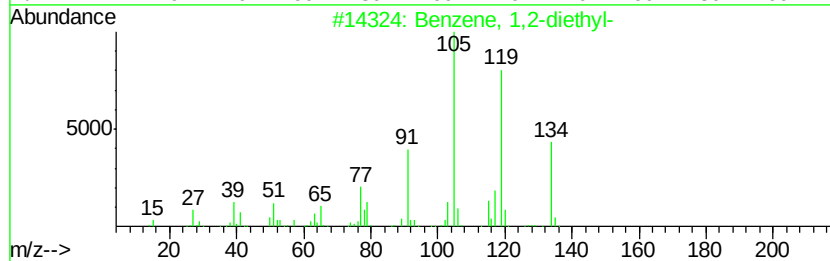
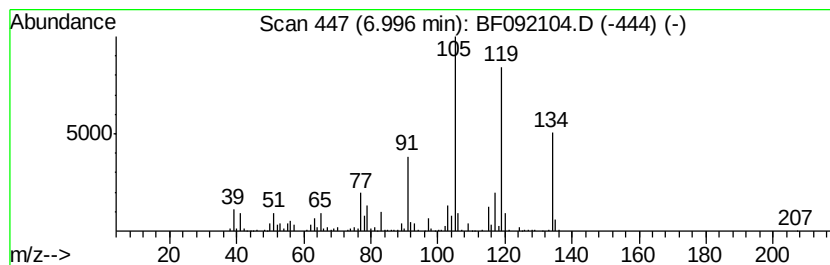
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.00	14.32 ng	1002490	1,4-Dichlorobenzene-d4	6.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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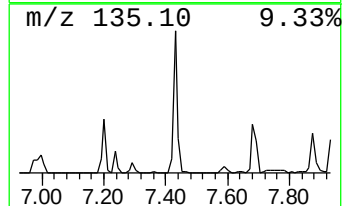
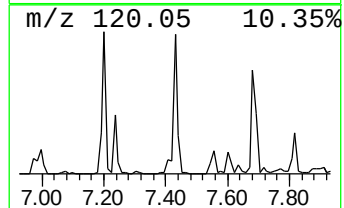
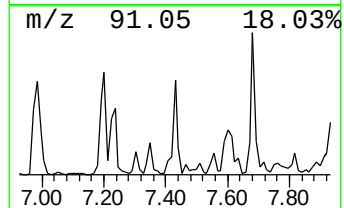
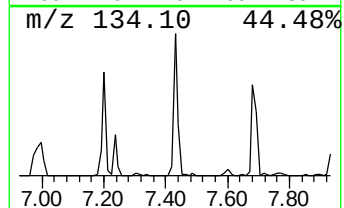
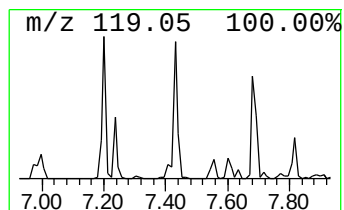
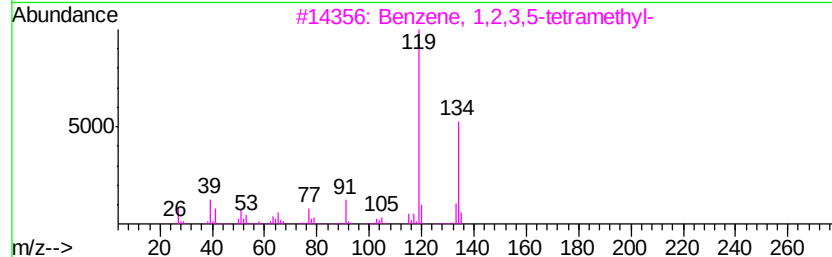
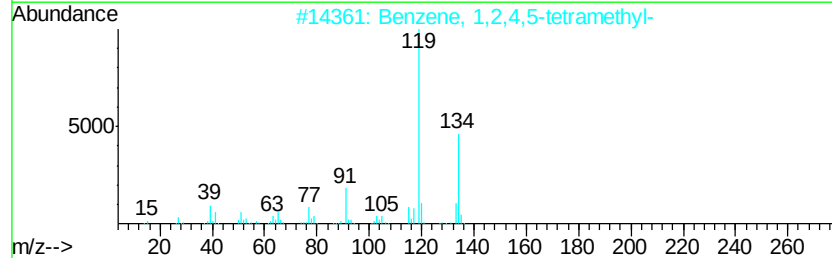
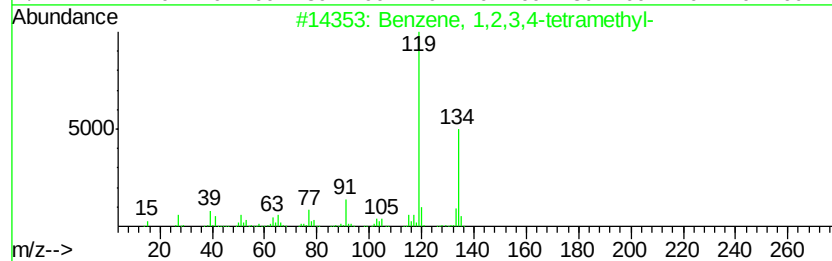
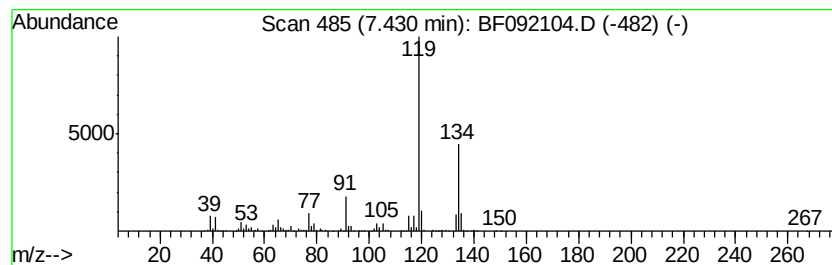
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	11.43 ng	1535050	Napthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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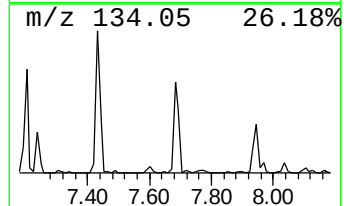
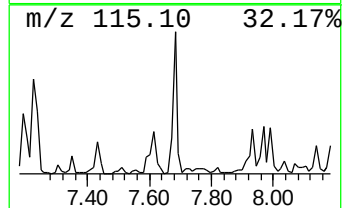
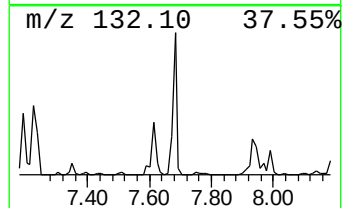
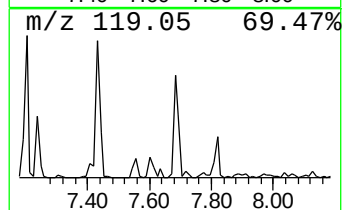
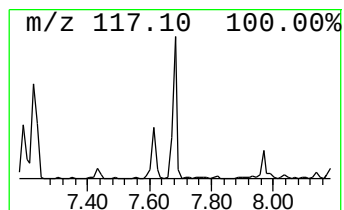
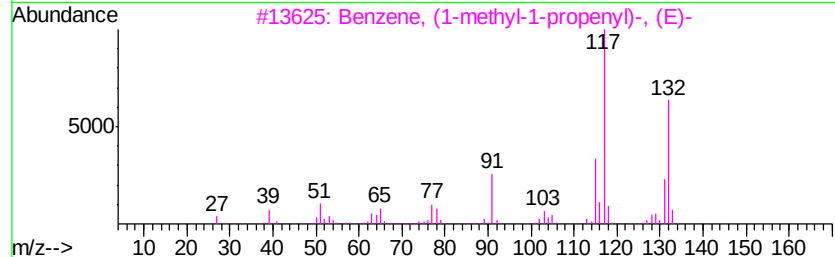
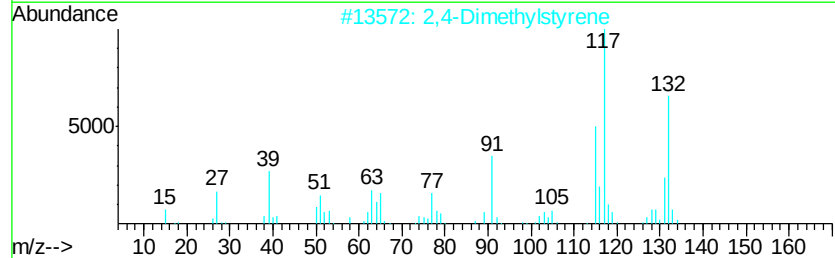
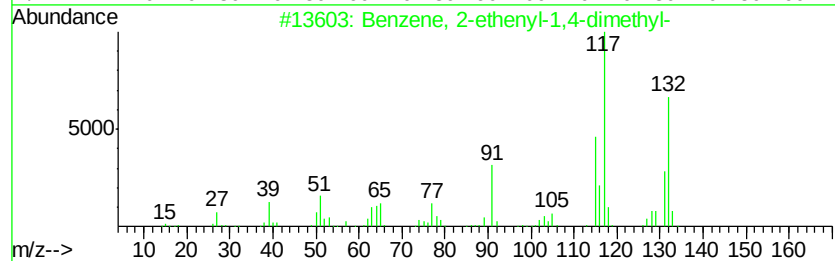
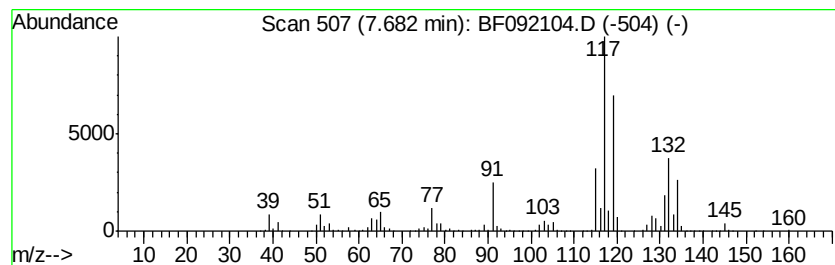
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	19.13 ng	2567560	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
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Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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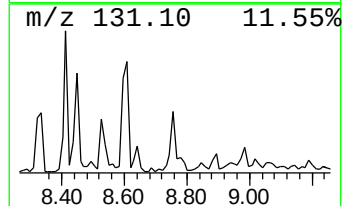
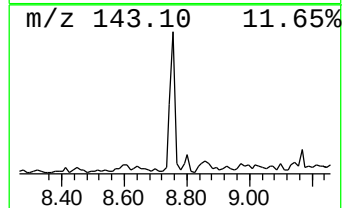
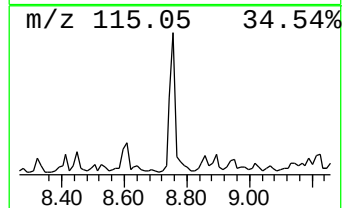
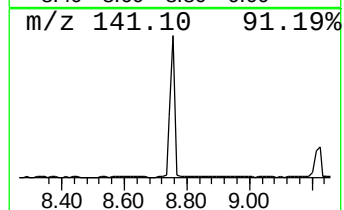
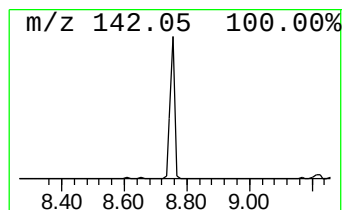
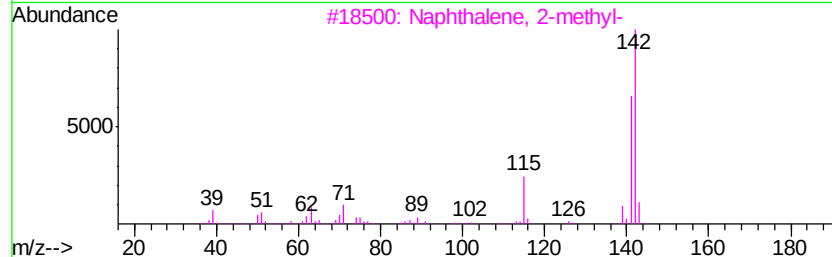
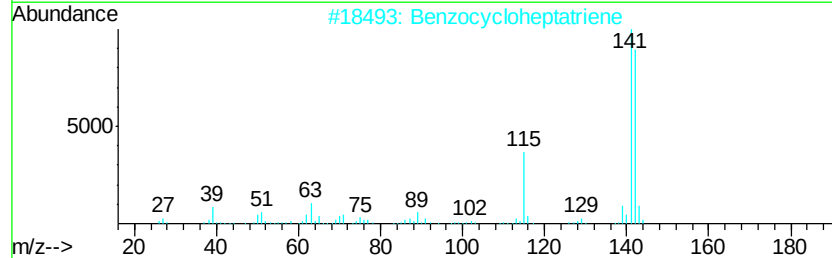
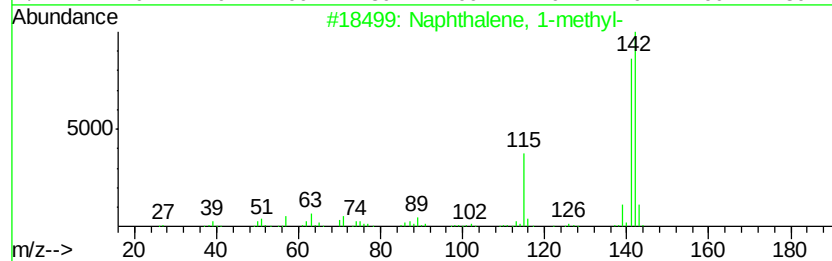
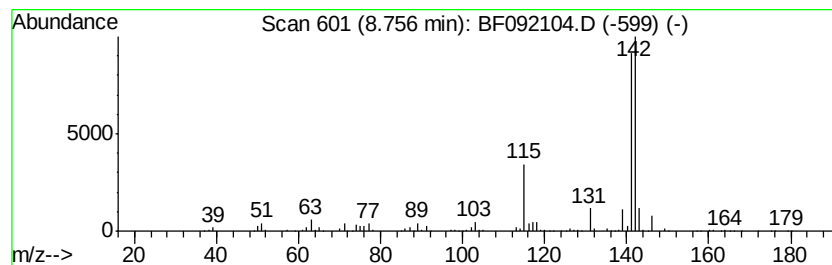
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	18.37 ng	2466460	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		Benzocycloheptatriene	142	C11H10	000264-09-5	90
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
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Misc :
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ClientSampleId :
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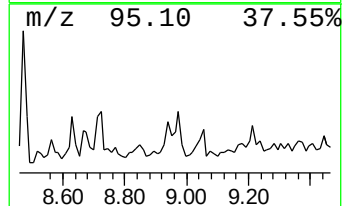
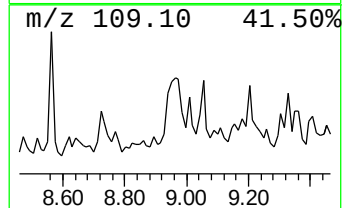
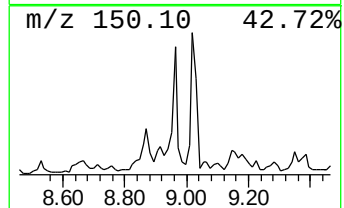
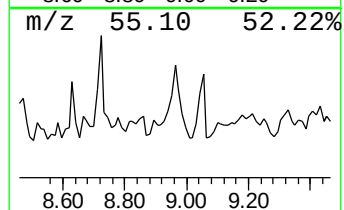
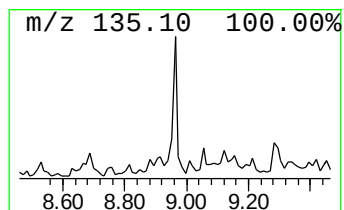
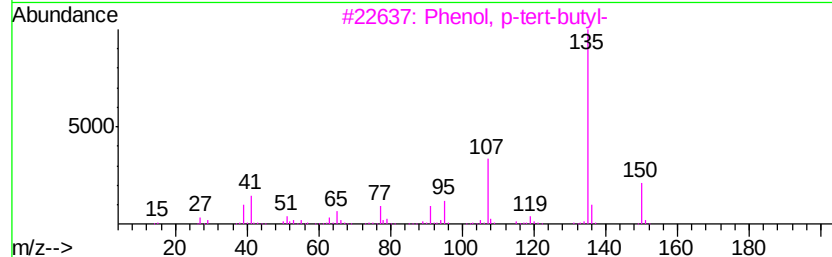
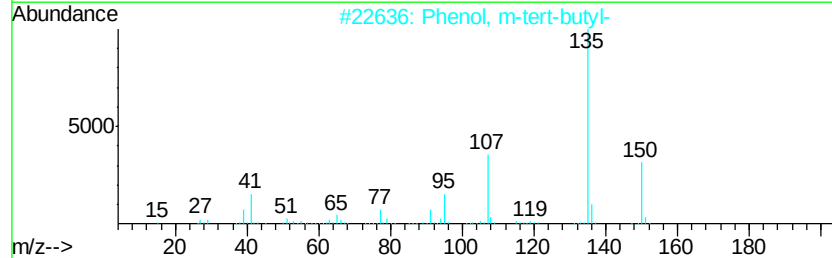
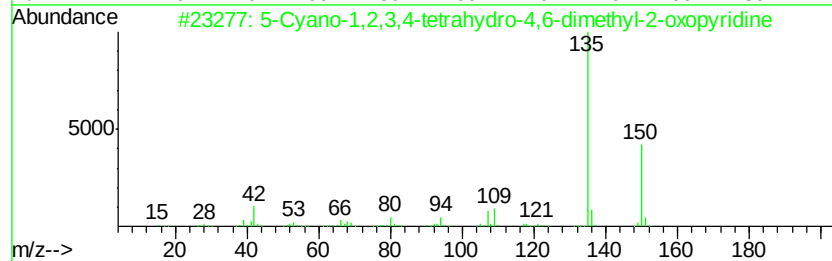
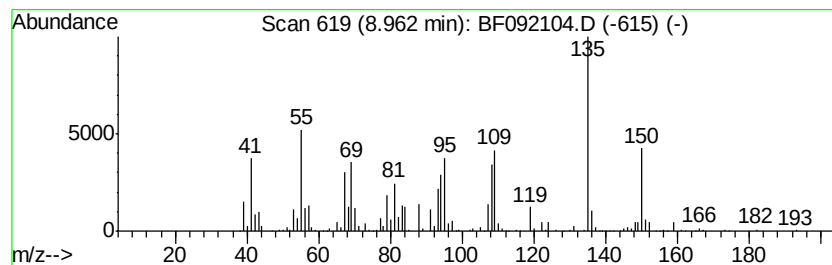
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.96 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	11.05 ng	2006720	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Cyano-1,2,3,4-tetrahydro-4,6-d...	150	C8H10N2O	027036-93-7	46
2		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	46
3		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	46
4		Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	43
5		3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
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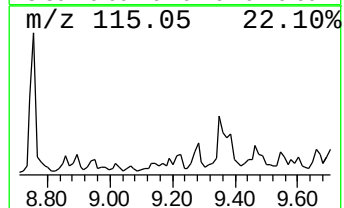
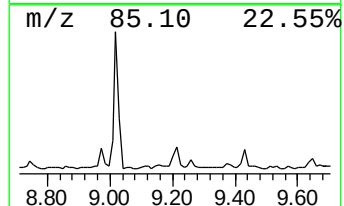
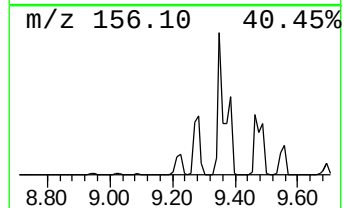
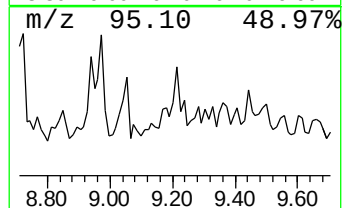
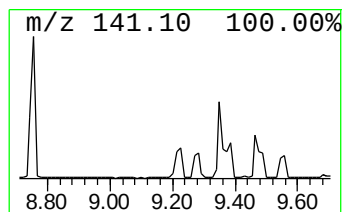
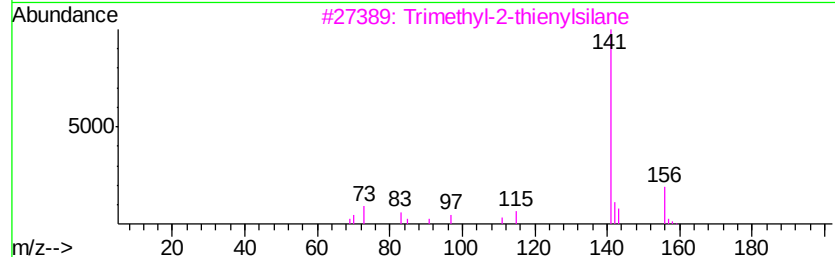
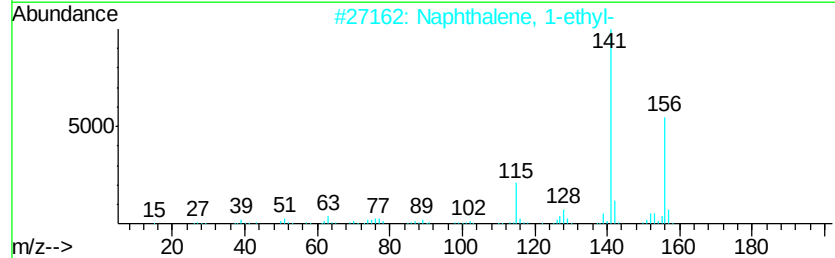
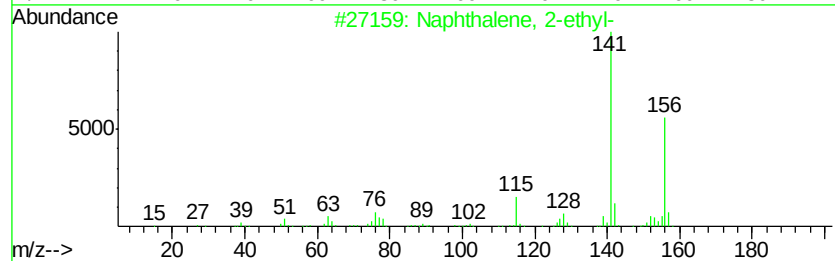
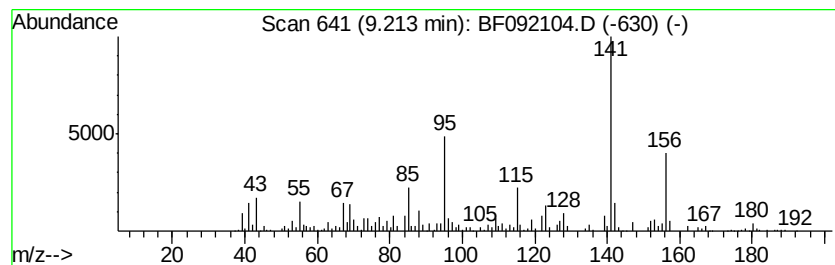
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.21	15.18 ng	2757240	Acenaphthene-d10	9.69	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Trimethyl-2-thienylsilane	156	C7H12SSi	018245-28-8	46
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	38
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
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Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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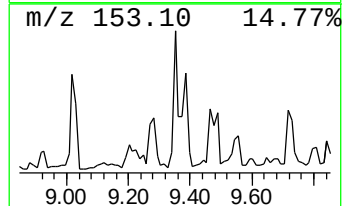
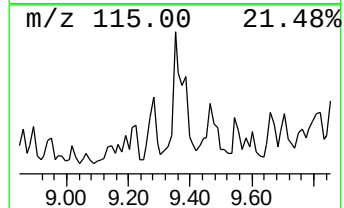
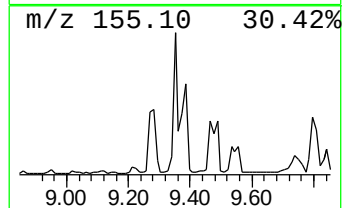
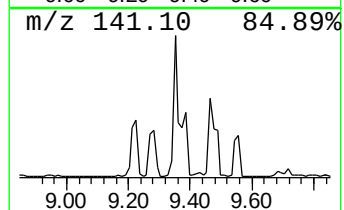
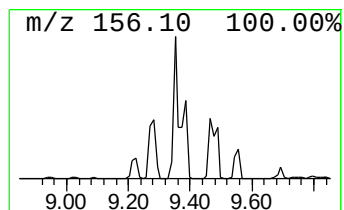
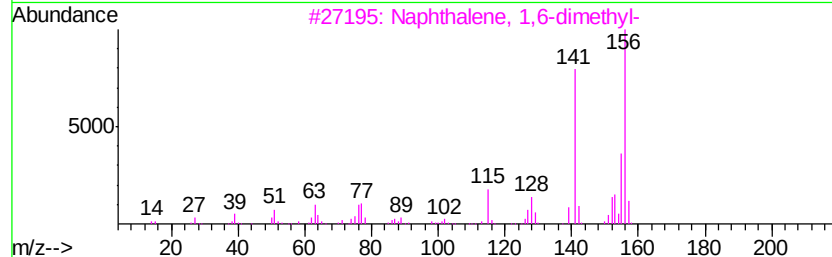
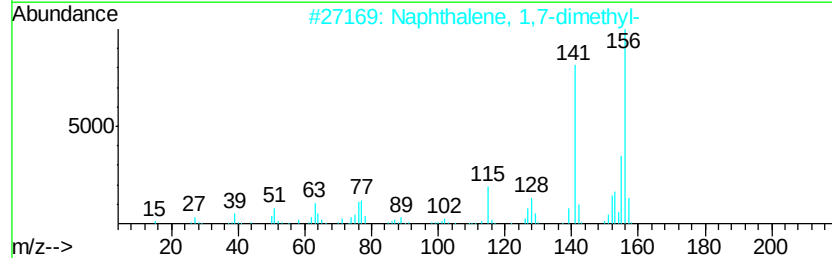
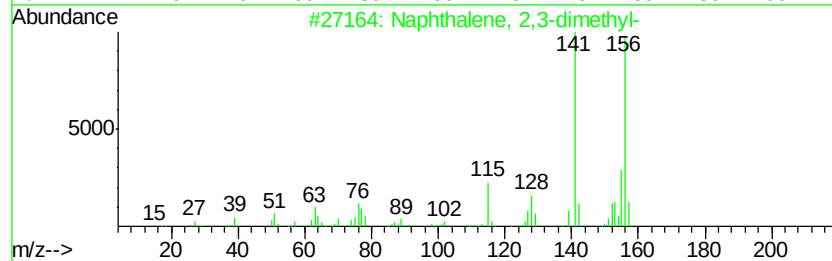
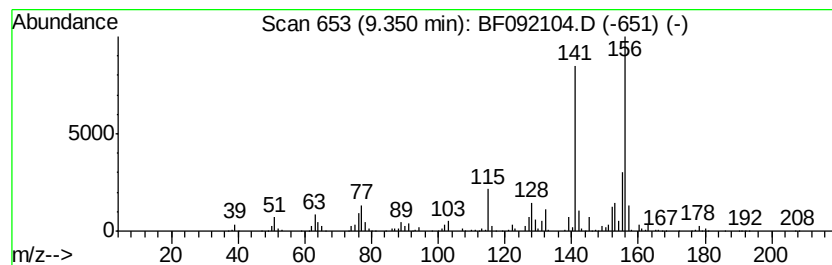
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	11.75 ng	2134130	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

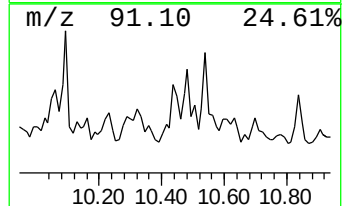
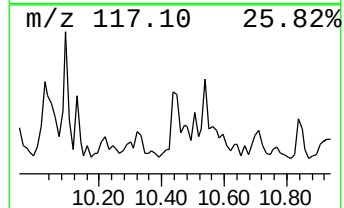
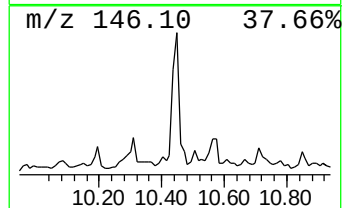
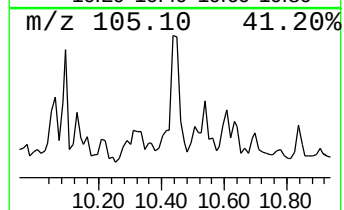
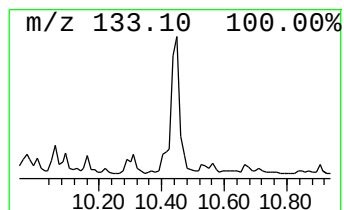
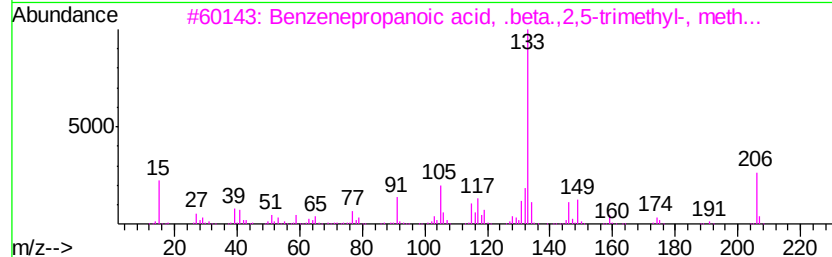
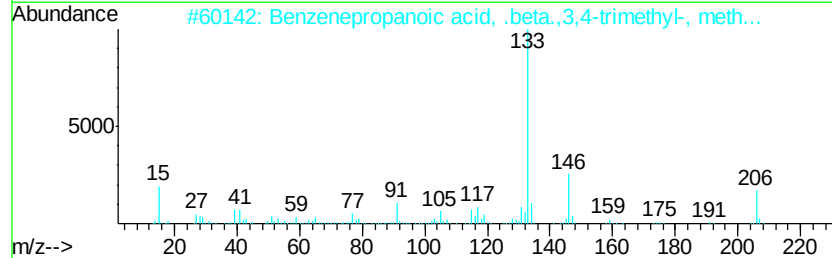
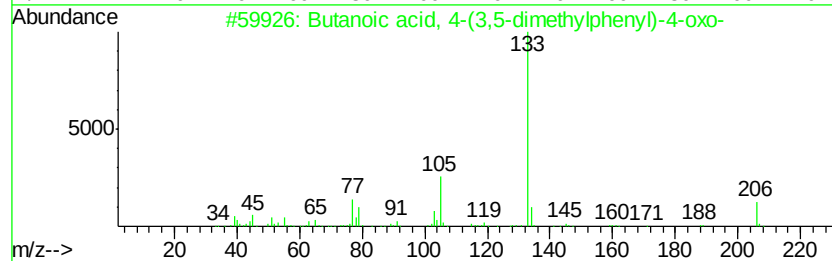
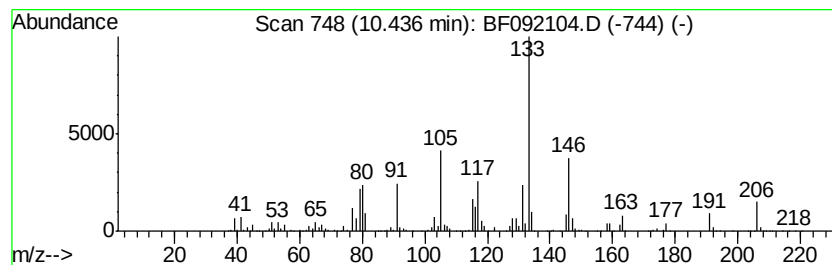
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Butanoic acid, 4-(3,5-dimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	23.76 ng	2023320	Phenanthrene-d10	11.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butanoic acid, 4-(3,5-dimethylph...	206 C12H14O3	036440-58-1 50
2		Benzenepropanoic acid, .beta.,3,...	206 C13H18O2	056298-99-8 47
3		Benzenepropanoic acid, .beta.,2,...	206 C13H18O2	055683-09-5 47
4		Benzenebutanoic acid, 2,5-dimeth...	206 C12H14O3	005394-59-2 46
5		Butanoic acid, 4-(3-ethylphenyl)...	206 C12H14O3	017503-46-7 43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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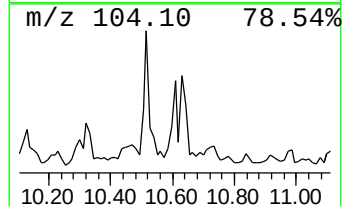
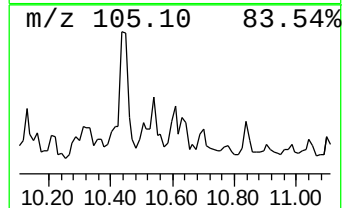
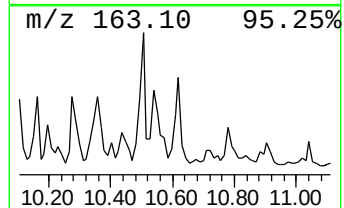
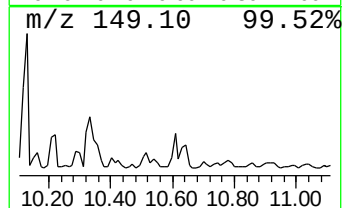
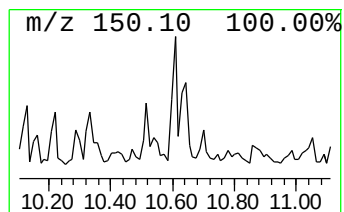
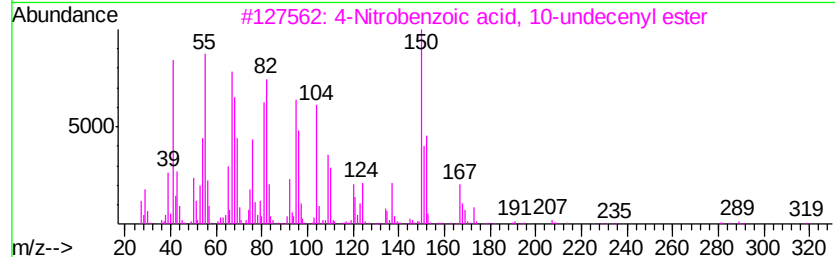
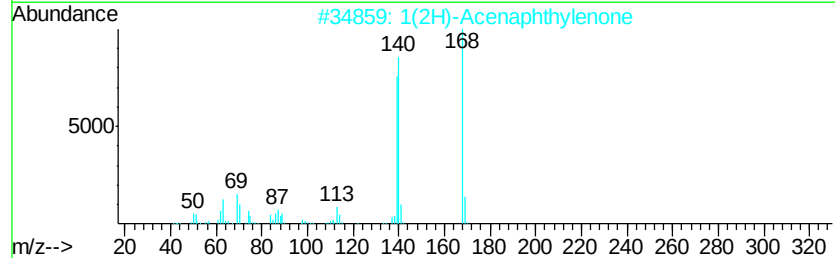
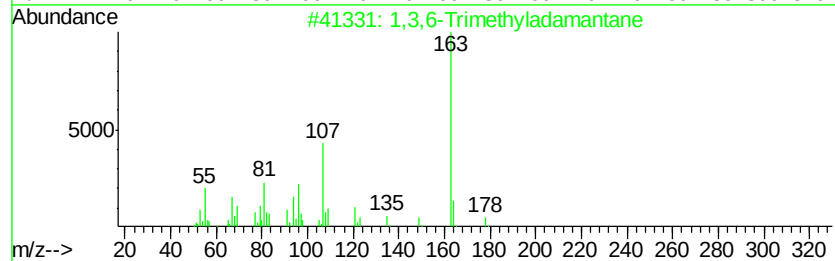
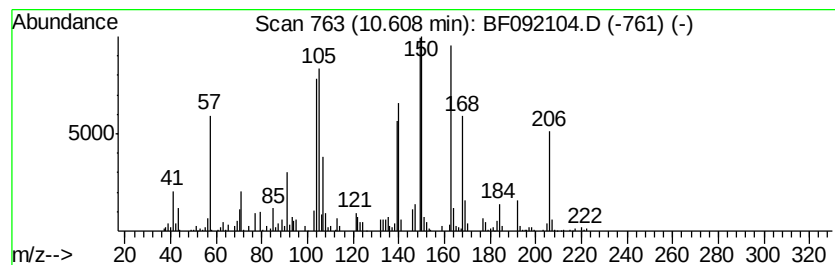
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.61 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	13.70 ng	1166940	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	25
2		1(2H)-Acenaphthylene	168	C12H8O	002235-15-6	25
3		4-Nitrobenzoic acid, 10-undeceny...	319	C18H25NO4	1000281-86-3	20
4		1,3-Benzenedimethanol, 2-hydroxy...	168	C9H12O3	000091-04-3	18
5		2,6-Dimethyl-4-hydroxybenzaldehyde	150	C9H10O2	070547-87-4	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

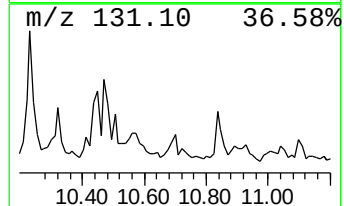
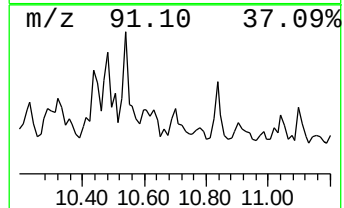
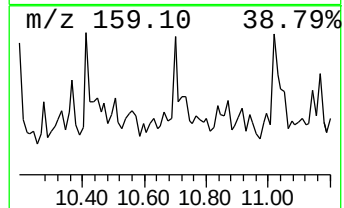
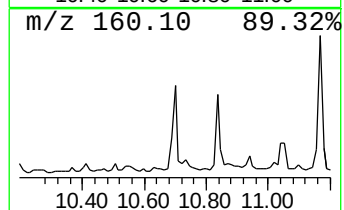
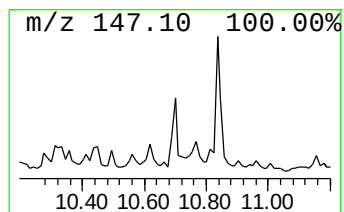
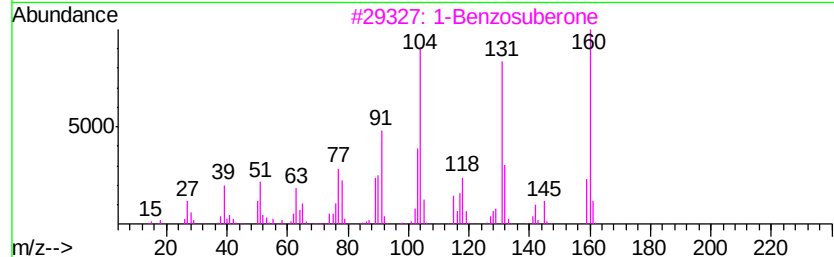
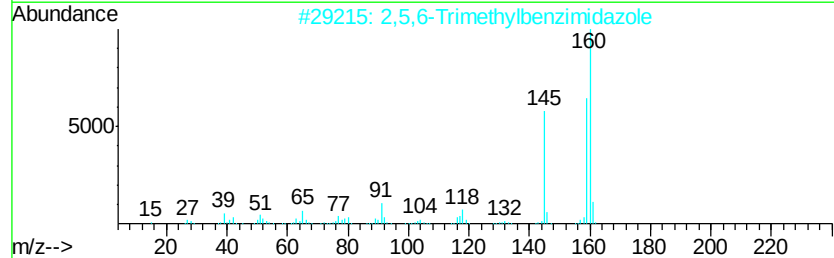
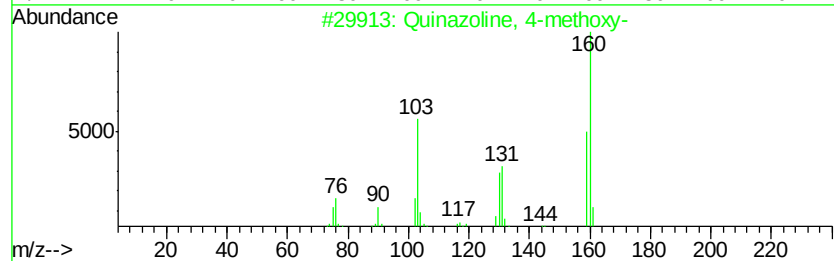
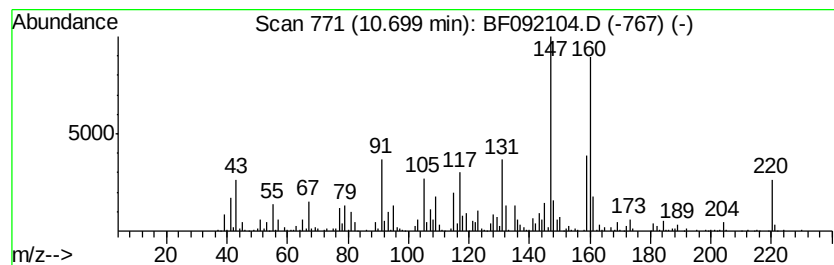
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.70 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	11.76 ng	1001340	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinazoline, 4-methoxy-	160	C9H8N2O	016347-95-8	38
2		2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	35
3		1-Benzosuberone	160	C11H12O	000826-73-3	30
4		1,6-Dihydroxynaphthalene	160	C10H8O2	000575-44-0	25
5		2,7-Naphthalenediol	160	C10H8O2	000582-17-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

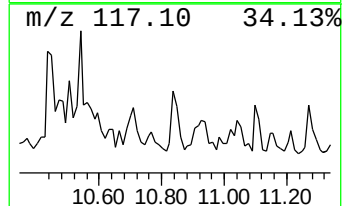
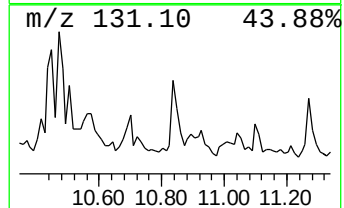
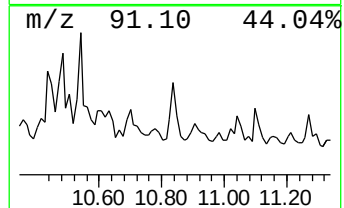
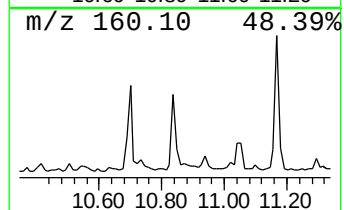
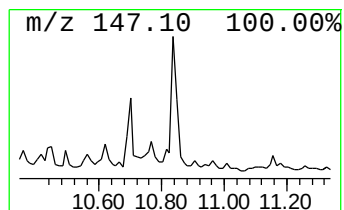
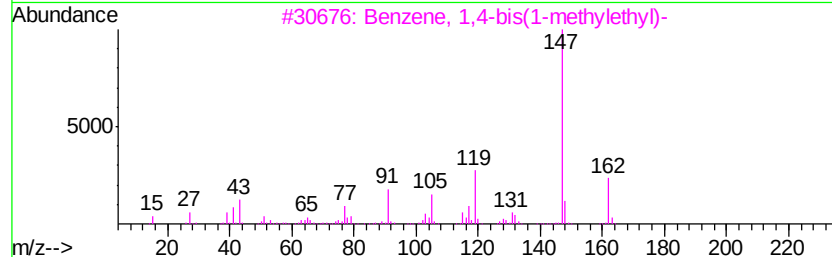
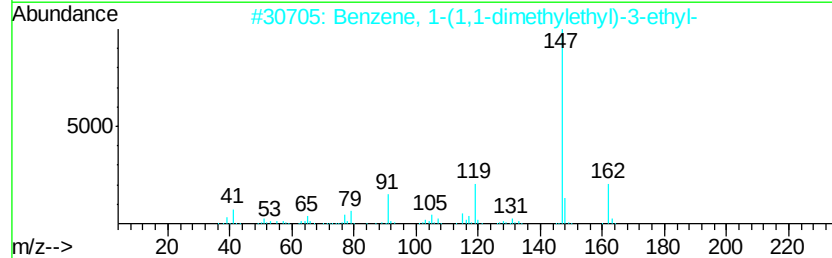
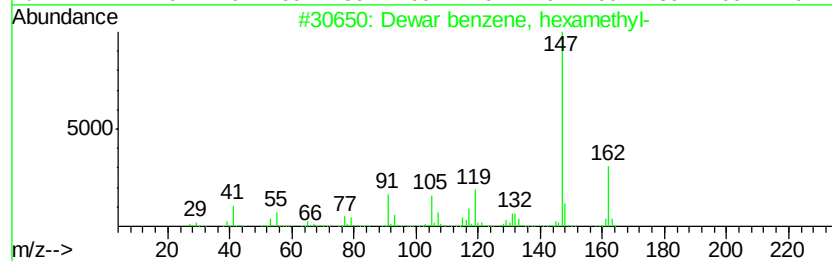
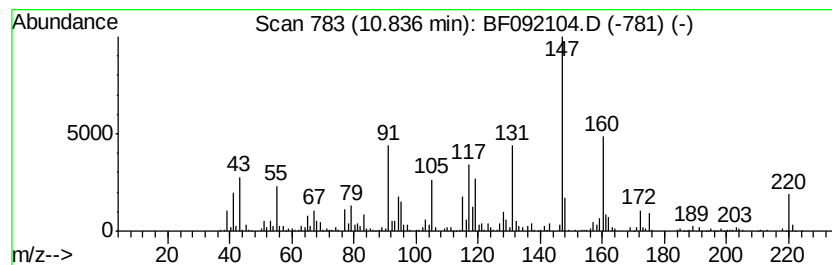
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	13.55 ng	1154090	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	38
2		Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	35
3		Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	35
4		2,2-Dimethyl-1-(2,4,6-trimethylp...	204	C14H200	002700-84-7	35
5		1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

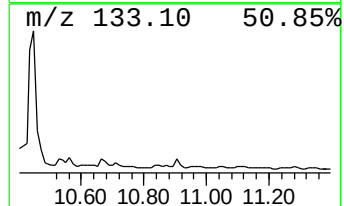
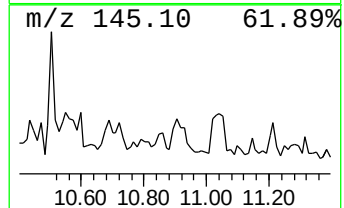
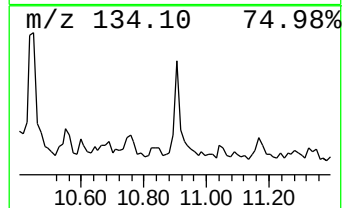
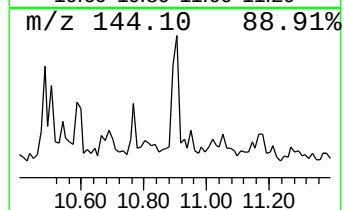
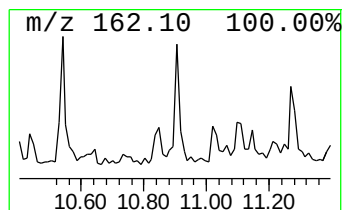
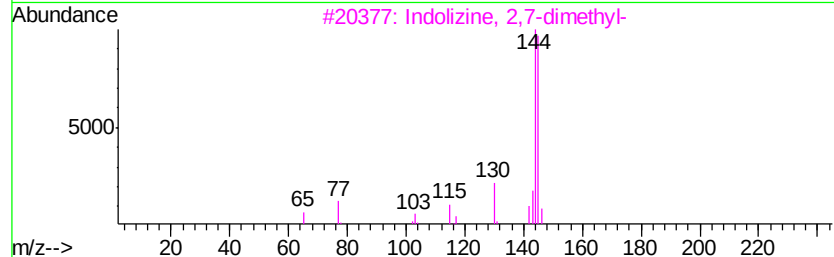
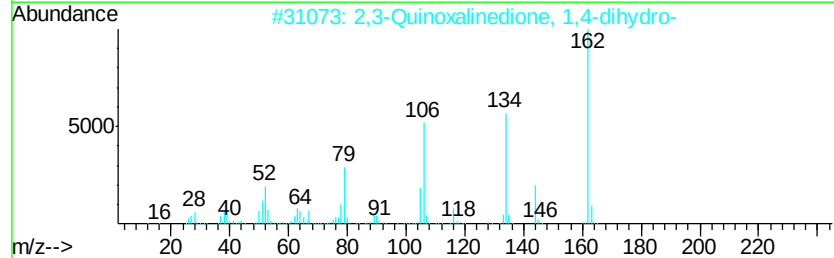
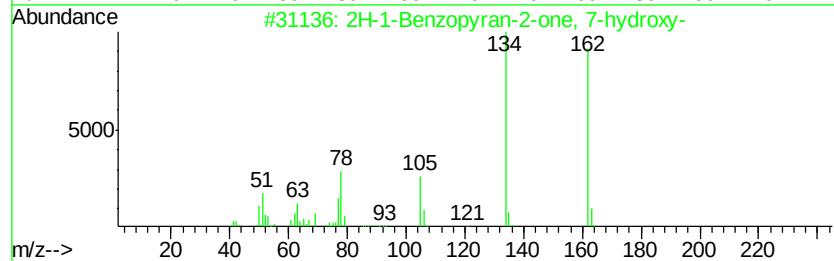
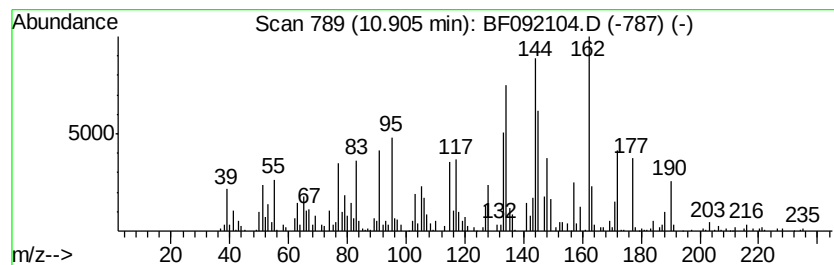
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.90 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	11.20 ng	953704	Phenanthrene-d10	11.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-1-Benzopyran-2-one, 7-hydroxy-	162	C9H6O3	000093-35-6	30
2			2,3-Quinoxalinedione, 1,4-dihydro-	162	C8H6N2O2	015804-19-0	30
3			Indolizine, 2,7-dimethyl-	145	C10H11N	000769-89-1	25
4			1,2,3,4-Tetrahydrodibenzofuran	172	C12H12O	013130-19-3	25
5			5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-18

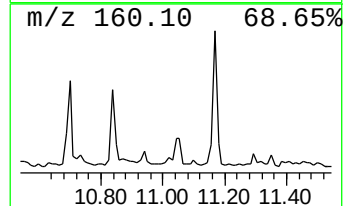
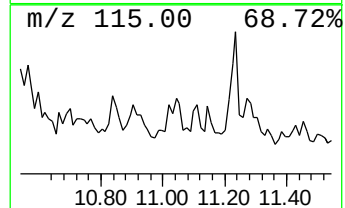
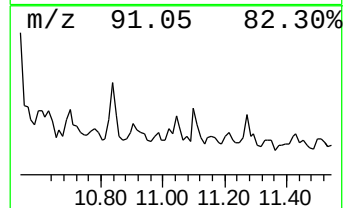
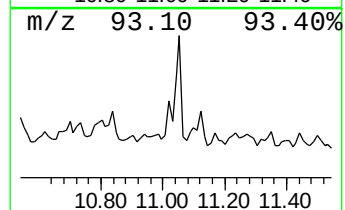
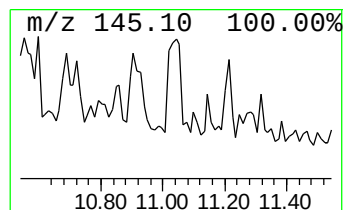
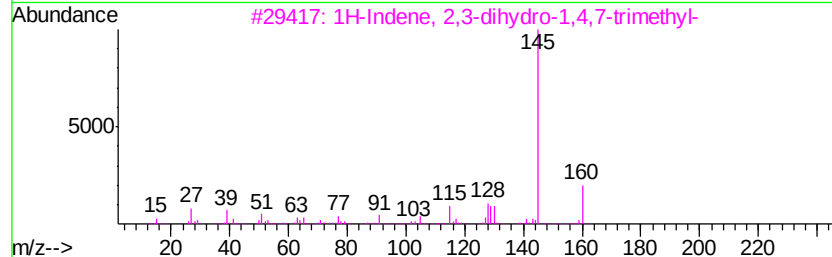
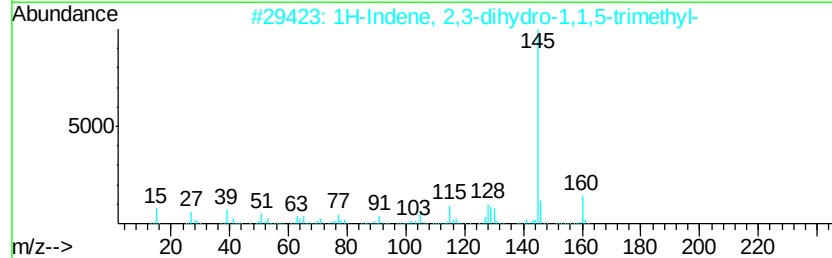
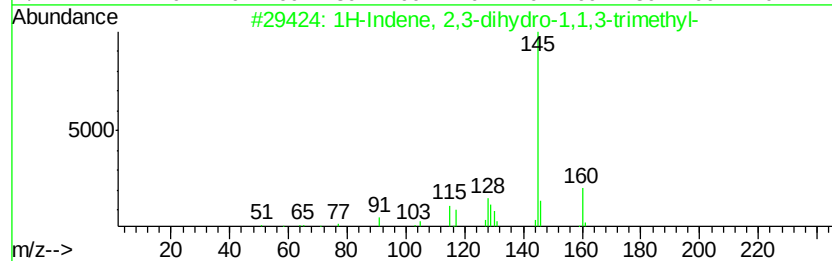
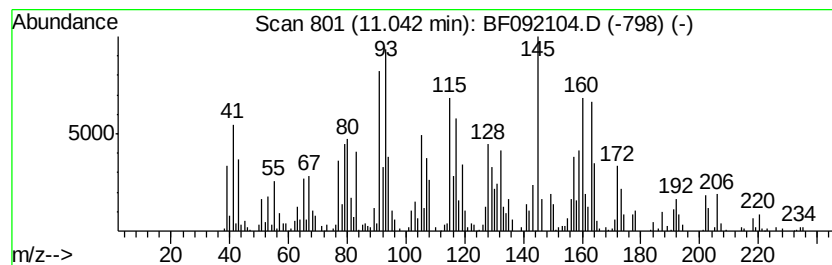
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	13.15 ng	1120270	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	84
2		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	42
3		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	38
4		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	38
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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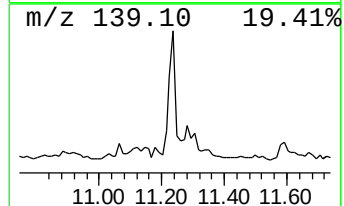
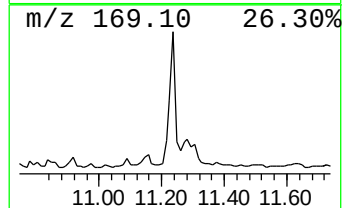
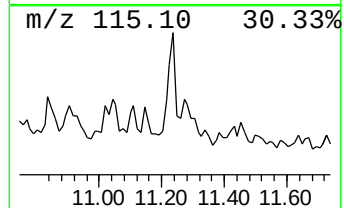
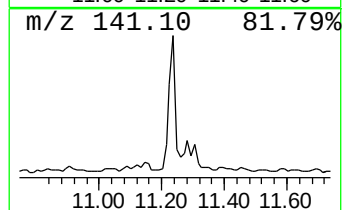
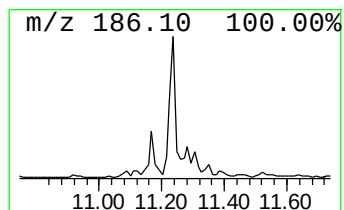
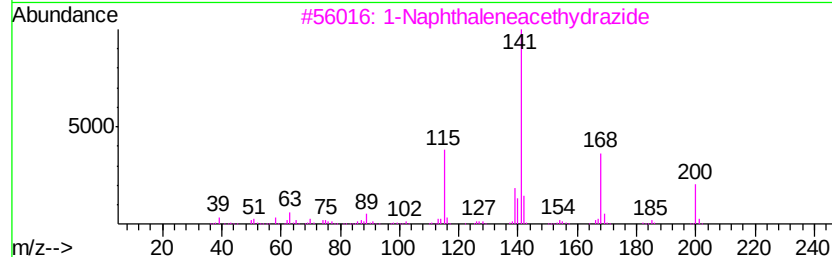
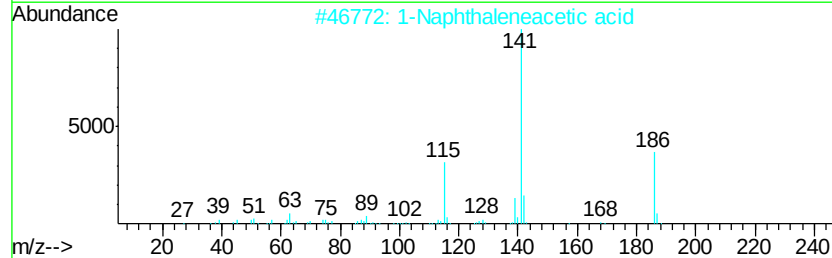
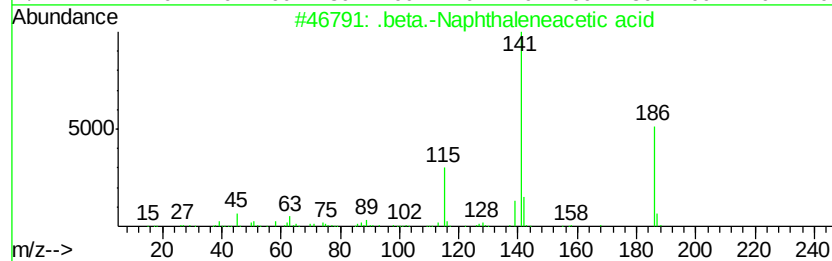
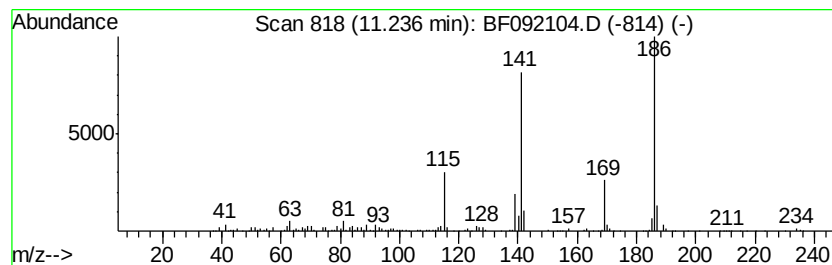
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-Naphthaleneacetic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	12.97 ng	1104920	Phenanthrene-d10	11.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	68
2			1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	68
3			1-Naphthaleneacethydrazide	200	C12H12N2O	034800-90-3	35
4			Benzeneethanol, 2-fluoro-4,5-dim...	186	C9H11FO3	079474-33-2	35
5			Formamide, N-(2,4-diamino-1,6-di...	169	C5H7N5O2	051093-31-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092104.D
Acq On : 5 Jan 2017 22:20
Operator : UM/SJ
Sample : I1004-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

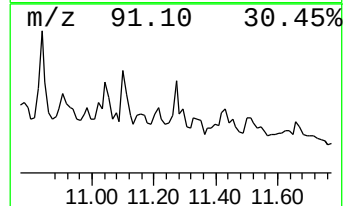
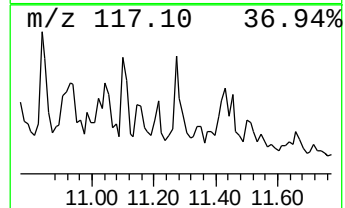
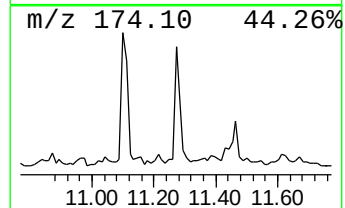
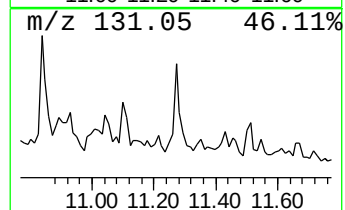
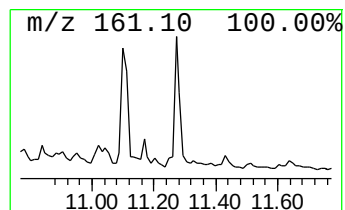
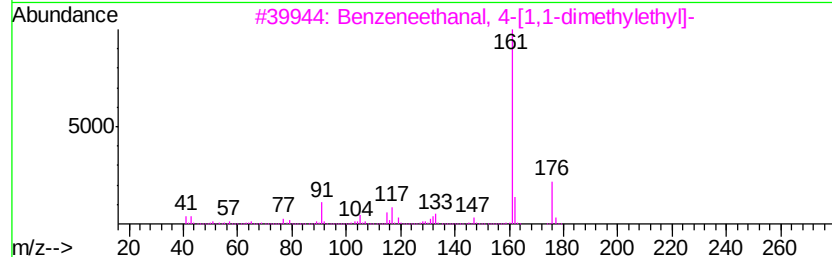
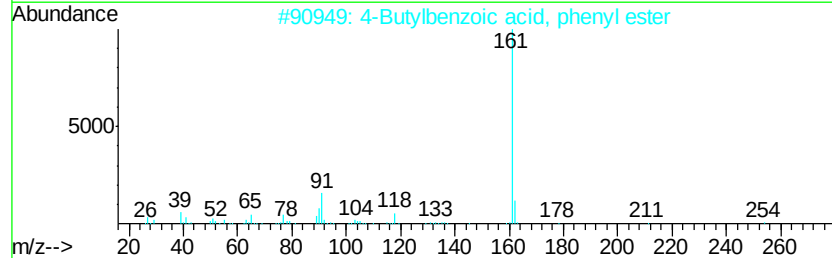
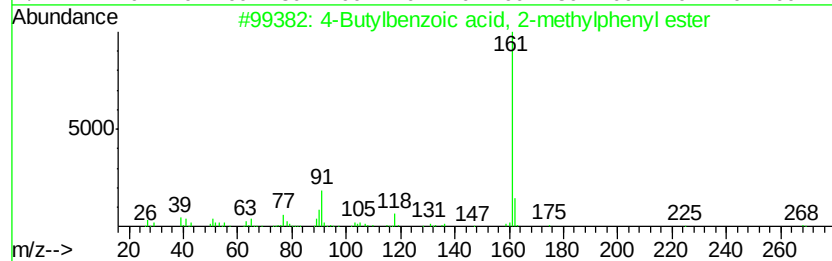
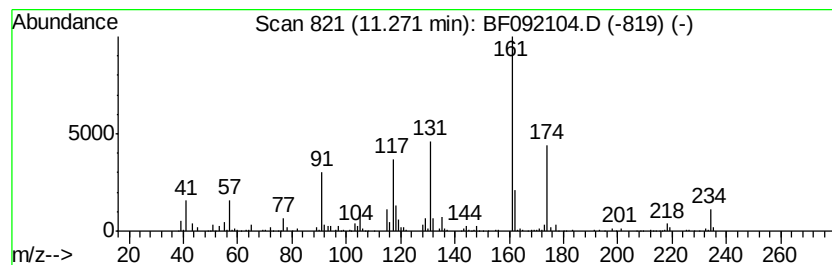
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown11.27 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	11.83 ng	1007550	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Butylbenzoic acid, 2-methylphe...	268	C18H20O2	1000293-58-3	35
2		4-Butylbenzoic acid, phenyl ester	254	C17H18O2	085090-12-6	35
3		Benzeneethanal, 4-[1,1-dimethyle...	176	C12H16O	109347-45-7	35
4		Carbostyryl, 8-hydroxy-	161	C9H7NO2	015450-76-7	27
5		Benzoic acid, 4-(4-butylbenzamido)-	297	C18H19NO3	313518-53-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092104.D
 Acq On : 5 Jan 2017 22:20
 Operator : UM/SJ
 Sample : I1004-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

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...	4.78	10.7	ng	750904	1	6.65	1400240	20.0
Benzene, (1-methy...	5.80	10.8	ng	753061	1	6.65	1400240	20.0
unknown6.42	6.42	74.5	ng	5216460	1	6.65	1400240	20.0
Benzene, 1,2-diet...	7.00	14.3	ng	1002490	1	6.65	1400240	20.0
Benzene, 1,2,3,4-...	7.43	11.4	ng	1535050	2	7.94	2684900	20.0
Benzene, 2-etheny...	7.68	19.1	ng	2567560	2	7.94	2684900	20.0
Naphthalene, 1-me...	8.76	18.4	ng	2466460	2	7.94	2684900	20.0
unknown8.96	8.96	11.1	ng	2006720	3	9.69	3632140	20.0
Naphthalene, 2-et...	9.21	15.2	ng	2757240	3	9.69	3632140	20.0
Naphthalene, 2,3-...	9.35	11.8	ng	2134130	3	9.69	3632140	20.0
Butanoic acid, 4-...	10.44	23.8	ng	2023320	4	11.17	1703250	20.0
unknown10.61	10.61	13.7	ng	1166940	4	11.17	1703250	20.0
unknown10.70	10.70	11.8	ng	1001340	4	11.17	1703250	20.0
unknown10.84	10.84	13.6	ng	1154090	4	11.17	1703250	20.0
unknown10.90	10.90	11.2	ng	953704	4	11.17	1703250	20.0
1H-Indene, 2,3-di...	11.04	13.2	ng	1120270	4	11.17	1703250	20.0
.beta.-Naphthalen...	11.24	13.0	ng	1104920	4	11.17	1703250	20.0
unknown11.27	11.27	11.8	ng	1007550	4	11.17	1703250	20.0