

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081831.D
 Acq On : 26 Sep 2015 16:55
 Operator : UM/IZ
 Sample : G3785-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-26-28

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-BF092415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.383	100	109	112	rBV2	156767	535967	10.00%	0.390%
2	3.543	117	123	127	rVV	413566	955793	17.84%	0.696%
3	3.726	135	139	143	rVV	272080	535724	10.00%	0.390%
4	5.131	260	262	265	rVV	926957	1335703	24.93%	0.972%
5	5.531	293	297	300	rBV	1912104	2555761	47.71%	1.860%
6	5.760	315	317	326	rBV	1229394	2647924	49.43%	1.927%
7	6.560	384	387	389	rVV	2394002	2532497	47.27%	1.843%
8	6.652	389	395	397	rVV2	332404	465384	8.69%	0.339%
9	6.709	397	400	402	rVB	1908559	2681947	50.06%	1.952%
10	6.777	403	406	408	rBV	2620834	3597121	67.14%	2.618%
11	6.812	408	409	415	rVV	1472543	1826599	34.09%	1.329%
12	6.937	418	420	422	rVB	967674	815891	15.23%	0.594%
13	7.097	431	434	435	rBV	2127808	2071425	38.66%	1.508%
14	7.200	440	443	447	rBV2	1098508	1361904	25.42%	0.991%
15	7.440	462	464	466	rVB2	264425	329351	6.15%	0.240%
16	7.509	466	470	472	rBV2	1484350	2497338	46.61%	1.818%
17	7.555	472	474	477	rBV	1142417	1581561	29.52%	1.151%
18	7.600	477	478	483	rVB	911585	769184	14.36%	0.560%
19	7.715	485	488	489	rBV2	313151	418776	7.82%	0.305%
20	7.806	492	496	498	rBV2	2360808	3473406	64.83%	2.528%
21	7.977	506	511	512	rBV	1202340	1501032	28.02%	1.092%
22	8.023	512	515	519	rVB	1373515	1789723	33.41%	1.303%
23	8.103	519	522	523	rVB2	229576	335937	6.27%	0.245%
24	8.137	523	525	527	rBV2	237418	367556	6.86%	0.268%
25	8.229	530	533	534	rBV	837201	884648	16.51%	0.644%
26	8.446	549	552	554	rBV	2627300	2501076	46.68%	1.820%
27	8.503	555	557	560	rBV	3047374	2606587	48.65%	1.897%
28	8.686	568	573	575	rVB2	359899	692963	12.93%	0.504%
29	8.732	575	577	578	rBV	481295	437289	8.16%	0.318%
30	8.789	580	582	585	rBV3	166740	445913	8.32%	0.325%
31	8.938	592	595	598	rVB	971113	930646	17.37%	0.677%
32	8.995	598	600	602	rVB	718828	818981	15.29%	0.596%
33	9.040	602	604	608	rBV2	676703	835399	15.59%	0.608%
34	9.109	608	610	611	rBV	686188	595866	11.12%	0.434%

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35	9.223	618	620	622	rVV	1296510	1037833	19.37%	0.755%
36	9.303	622	627	629	rVB	3015845	3103570	57.93%	2.259%
37	9.429	636	638	640	rBV	1034608	1072286	20.02%	0.780%
38	9.509	643	645	647	rVB2	211074	359241	6.71%	0.261%
39	9.543	647	648	650	rBV	320075	321233	6.00%	0.234%
40	9.589	650	652	656	rBV2	875035	1197904	22.36%	0.872%
41	9.703	659	662	664	rVB	988064	1209266	22.57%	0.880%
42	9.840	672	674	676	rVV	589230	686497	12.81%	0.500%
43	9.886	676	678	680	rVB	718401	621019	11.59%	0.452%
44	9.920	680	681	683	rBV	350384	434565	8.11%	0.316%
45	9.989	685	687	688	rVV	784747	1091184	20.37%	0.794%
46	10.160	701	702	706	rBV3	209509	400191	7.47%	0.291%
47	10.332	715	717	719	rBV	1228625	1125349	21.01%	0.819%
48	10.378	720	721	725	rVB4	223759	487048	9.09%	0.354%
49	10.595	737	740	743	rBV3	133672	399082	7.45%	0.290%
50	10.766	752	755	757	rBV3	1347617	1701366	31.76%	1.238%
51	10.892	763	766	769	rVB4	237896	329322	6.15%	0.240%
52	10.995	771	775	777	rBV3	351126	805369	15.03%	0.586%
53	11.075	780	782	784	rVB2	242068	366885	6.85%	0.267%
54	11.406	808	811	813	rVB	1556999	2055543	38.37%	1.496%
55	11.475	814	817	819	rVV	875073	1080638	20.17%	0.787%
56	11.589	824	827	829	rBV	1967965	2589541	48.34%	1.885%
57	11.624	829	830	833	rVV3	198615	323858	6.05%	0.236%
58	11.715	835	838	840	rVV	2856248	3285969	61.34%	2.392%
59	11.772	840	843	845	rVV	1467016	1587138	29.63%	1.155%
60	11.829	845	848	850	rVV	1982341	1905776	35.57%	1.387%
61	11.886	850	853	854	rVB	2241924	3099489	57.85%	2.256%
62	11.989	859	862	865	rVV2	2992491	5213988	97.32%	3.795%
63	12.035	865	866	869	rVV3	1103229	1693129	31.60%	1.232%
64	12.115	869	873	874	rVV2	1554816	3290741	61.42%	2.395%
65	12.149	874	876	878	rVV	1835155	2103213	39.26%	1.531%
66	12.195	878	880	881	rVV	664392	771435	14.40%	0.561%
67	12.241	881	884	891	rVV2	2379011	5357404	100.00%	3.899%
68	12.332	891	892	893	rVV	1067065	1082649	20.21%	0.788%
69	12.378	893	896	901	rVV3	1284751	3252438	60.71%	2.367%
70	12.458	901	903	906	rVV2	902281	1639554	30.60%	1.193%
71	12.515	906	908	910	rVV2	1442795	3088714	57.65%	2.248%

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72	12.549	910	911	915	rVV3	1003314	2454748	45.82%	1.787%
73	12.618	915	917	920	rVV2	1244394	2240575	41.82%	1.631%
74	12.686	922	923	925	rVV	1505598	1759068	32.83%	1.280%
75	12.721	925	926	930	rVV3	521468	1333230	24.89%	0.970%
76	12.778	930	931	933	rVV2	374282	622054	11.61%	0.453%
77	12.812	933	934	936	rVV2	626192	615867	11.50%	0.448%
78	12.846	936	937	938	rVV	315528	418453	7.81%	0.305%
79	12.926	941	944	946	rVV	1533456	2714995	50.68%	1.976%
80	12.972	946	948	950	rVV2	479826	791917	14.78%	0.576%
81	13.064	954	956	959	rVV	2168607	2463322	45.98%	1.793%
82	13.132	960	962	965	rVV2	543717	963544	17.99%	0.701%
83	13.247	968	972	974	rVB	868887	1433065	26.75%	1.043%
84	13.315	974	978	979	rBV	632413	910600	17.00%	0.663%
85	13.349	979	981	983	rVV	732650	664060	12.40%	0.483%
86	13.441	987	989	990	rBV	592350	547881	10.23%	0.399%
87	13.475	990	992	993	rVB	507430	437398	8.16%	0.318%
88	13.647	1005	1007	1012	rVB2	326698	630467	11.77%	0.459%
89	13.727	1012	1014	1015	rBV2	284354	348487	6.50%	0.254%
90	13.864	1023	1026	1027	rBV2	248808	439512	8.20%	0.320%
91	14.104	1045	1047	1049	rBV2	1225156	2096864	39.14%	1.526%
92	14.252	1059	1060	1066	rVB4	183295	443427	8.28%	0.323%
93	14.504	1080	1082	1083	rVV	734342	845299	15.78%	0.615%
94	14.538	1083	1085	1086	rVV	416756	462763	8.64%	0.337%
95	14.595	1086	1090	1091	rVV3	316959	620935	11.59%	0.452%
96	14.630	1091	1093	1096	rVV3	244178	493647	9.21%	0.359%
97	15.155	1136	1139	1146	rVV	348501	817431	15.26%	0.595%
98	15.452	1163	1165	1168	rBV	270712	391737	7.31%	0.285%
99	15.521	1168	1171	1174	rVB	589030	704448	13.15%	0.513%
100	15.590	1174	1177	1178	rBV	605242	827260	15.44%	0.602%

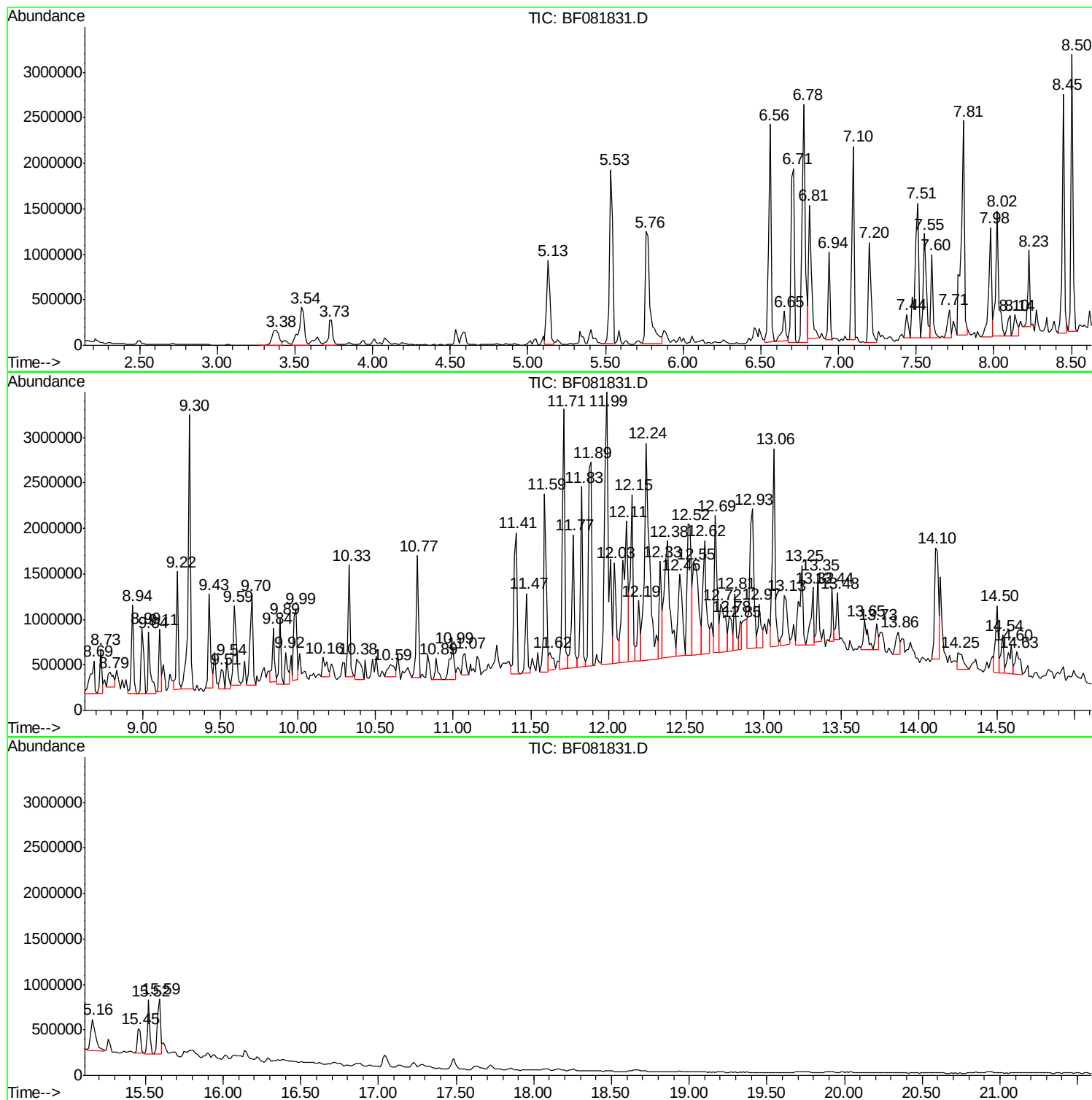
Sum of corrected areas: 137396353

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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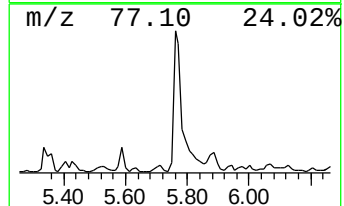
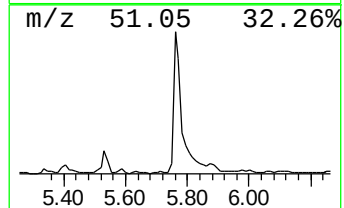
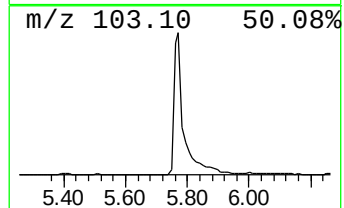
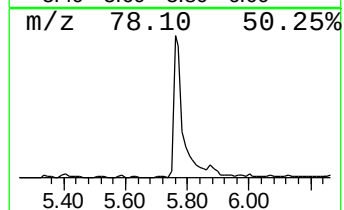
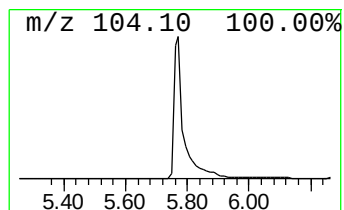
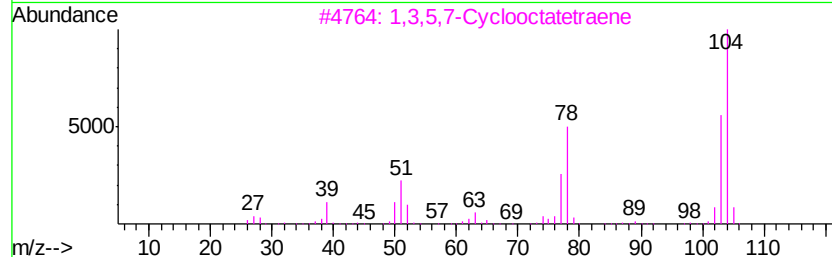
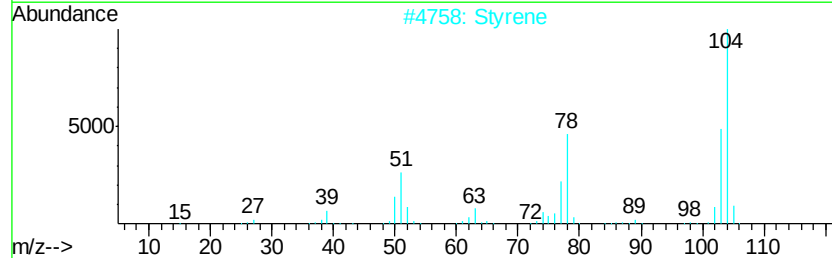
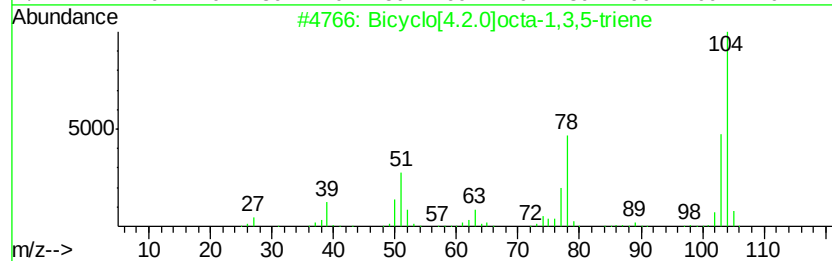
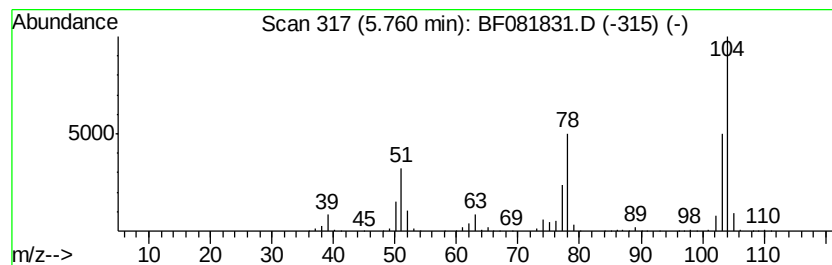
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	64.91 ng	2647920	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2		Styrene	104	C8H8	000100-42-5	96
3		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4		Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5		2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	47



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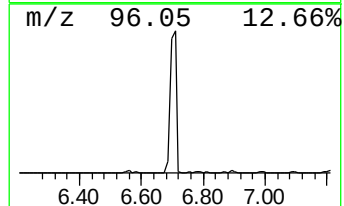
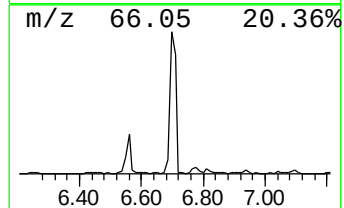
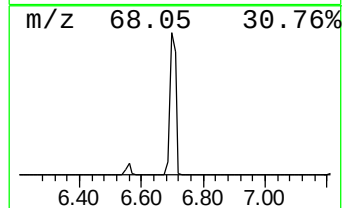
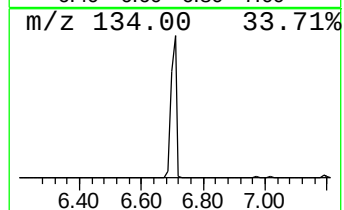
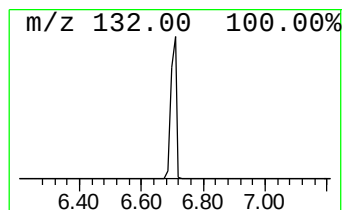
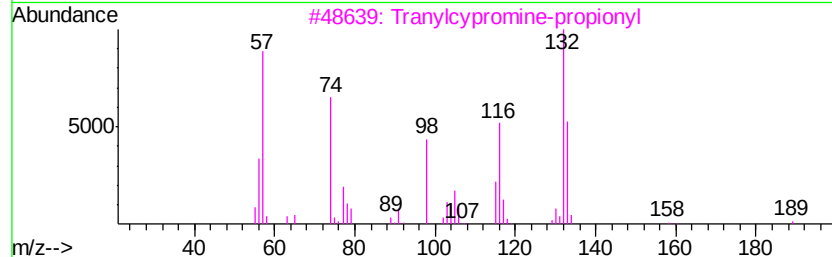
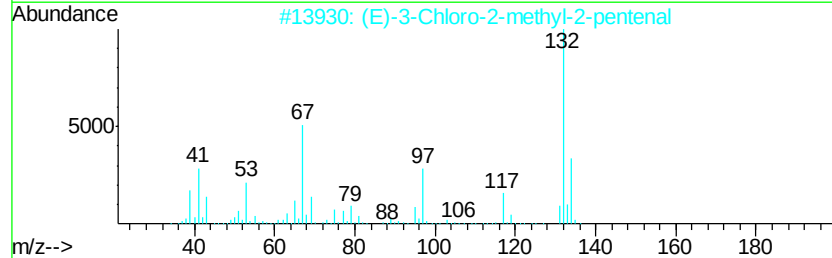
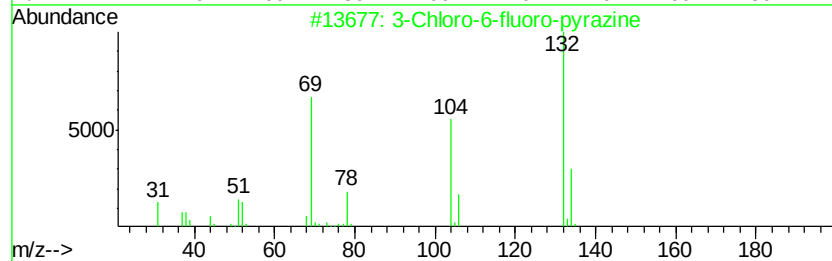
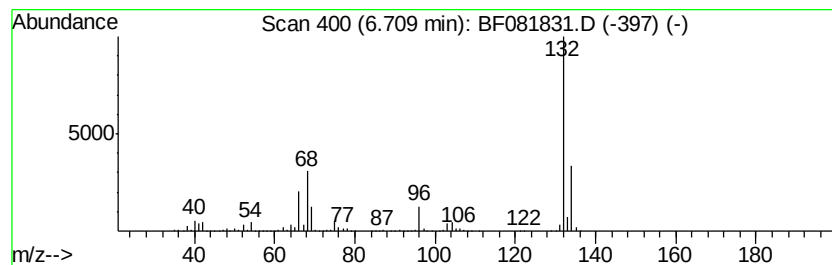
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	65.74 ng	2681950	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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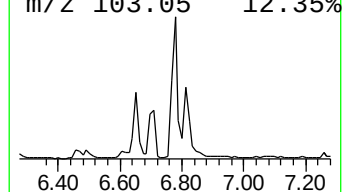
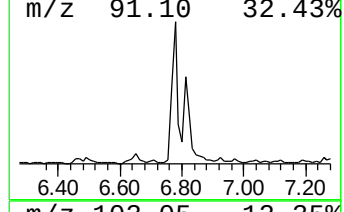
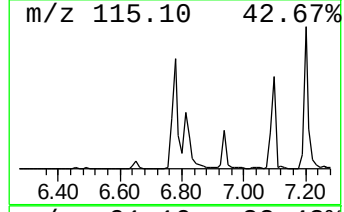
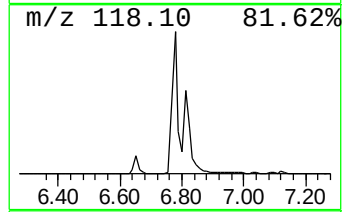
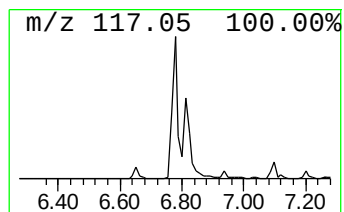
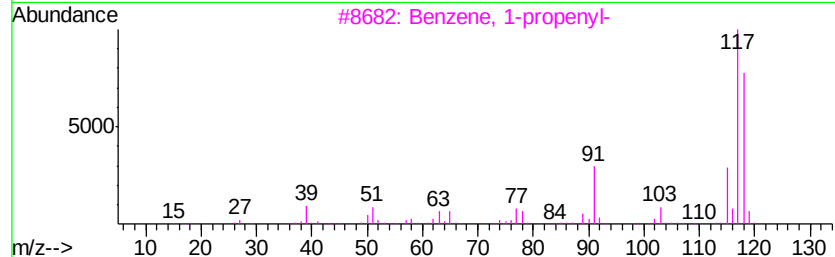
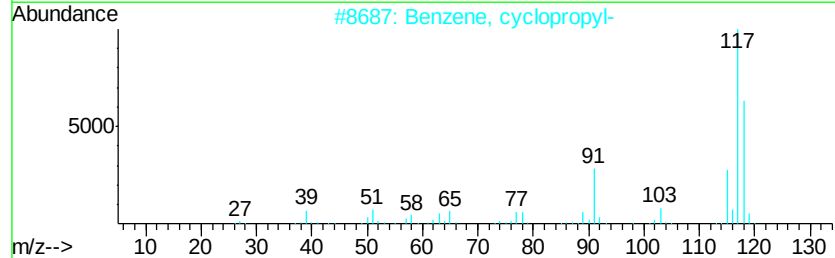
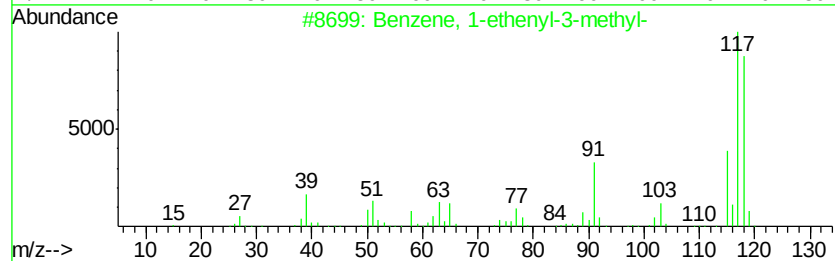
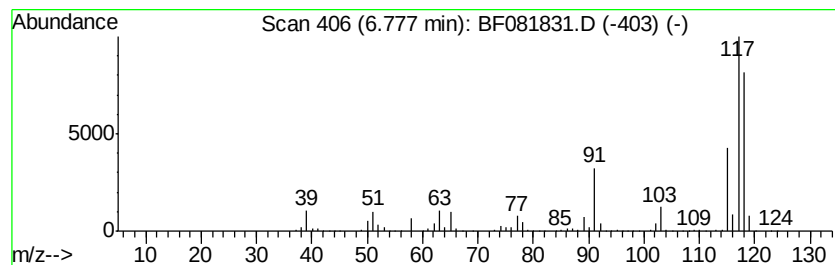
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	88.18 ng	3597120	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081831.D
Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
Sample : G3785-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

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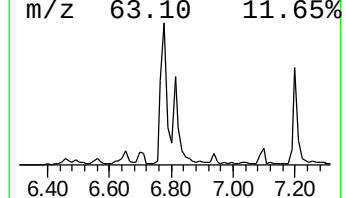
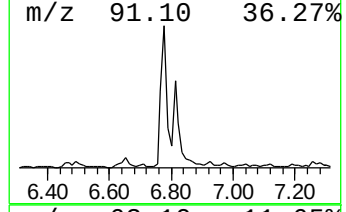
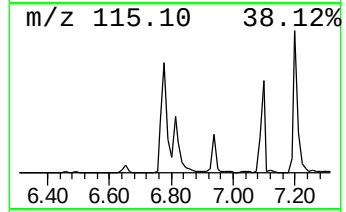
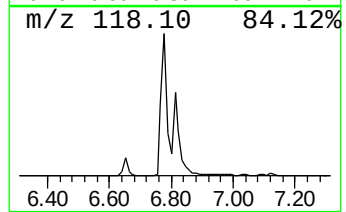
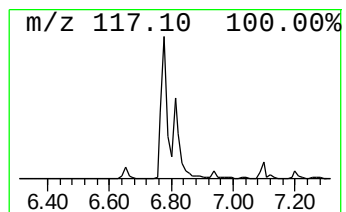
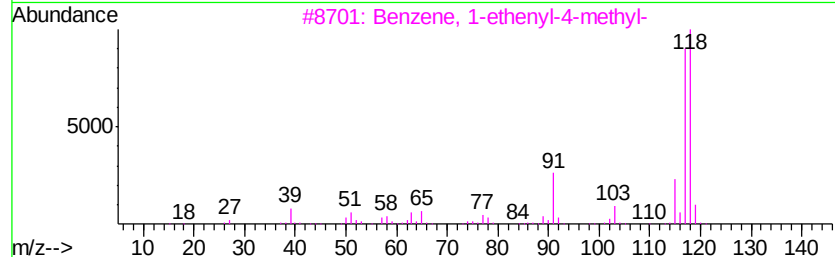
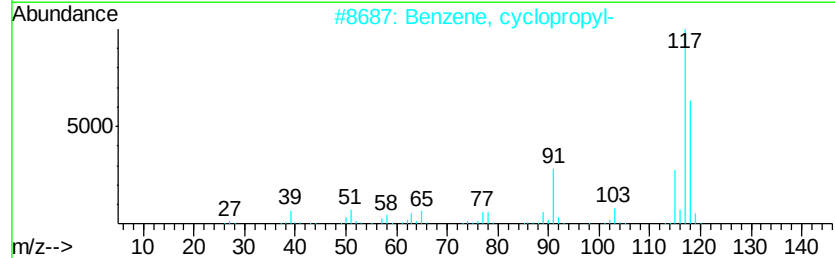
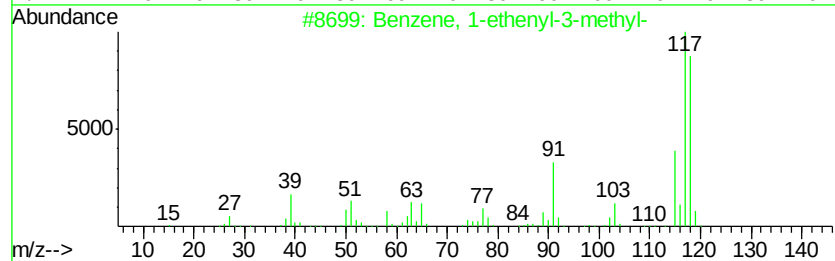
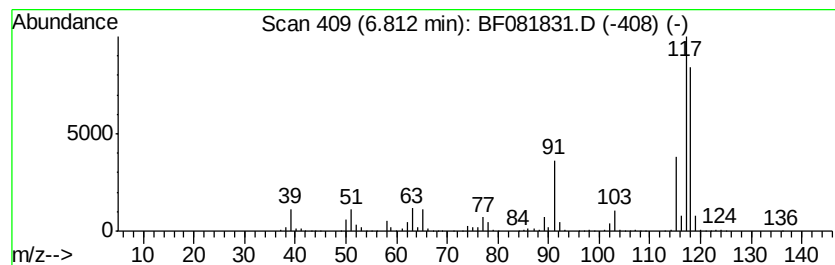
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, cyclopropyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	44.78 ng	1826600	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Operator : UM/IZ
Sample : G3785-01
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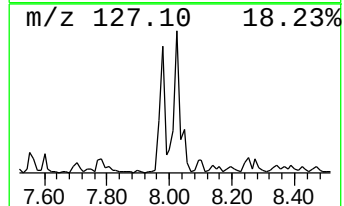
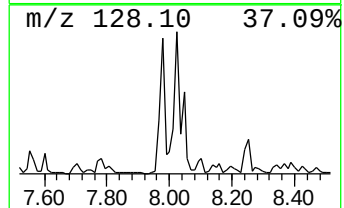
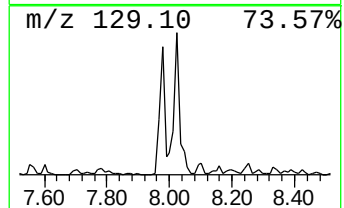
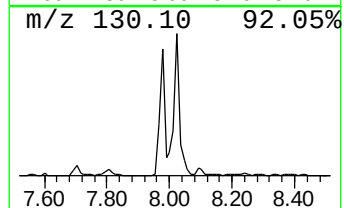
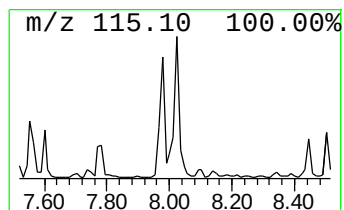
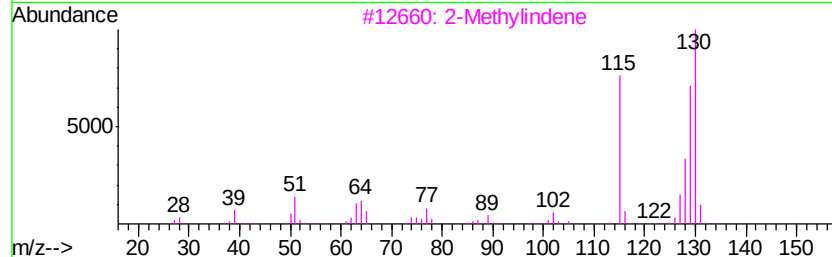
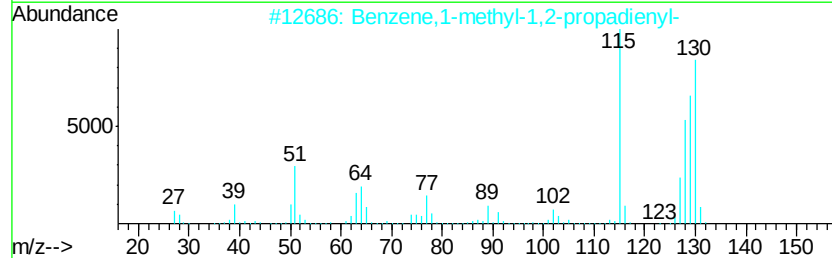
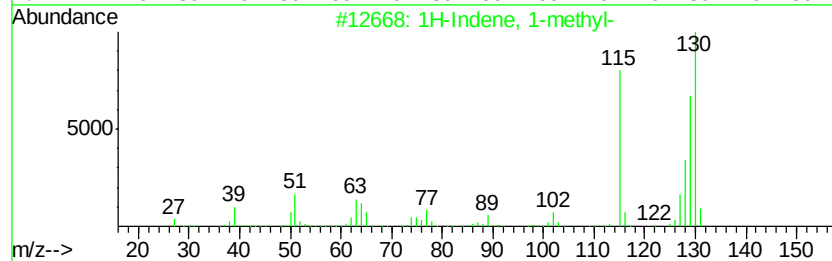
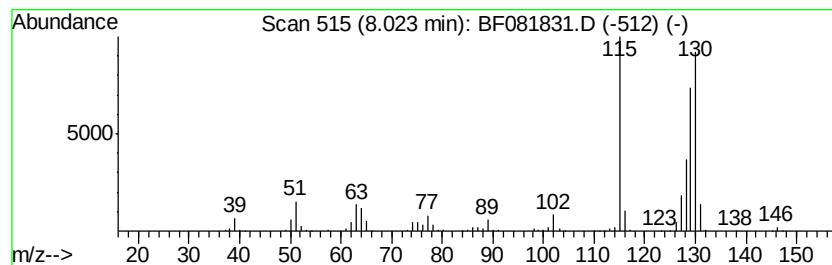
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.02	40.46 ng	1789720	Naphthalene-d8	8.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
5	Benzene, 1-butylnyl-	130	C10H10	000622-76-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081831.D
Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
Sample : G3785-01
Misc :
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Instrument :
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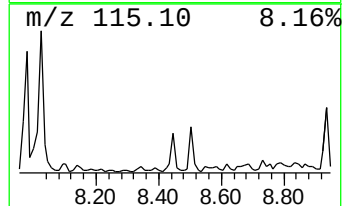
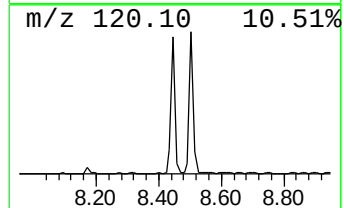
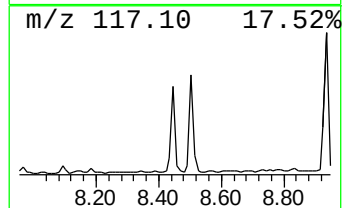
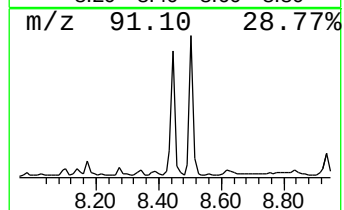
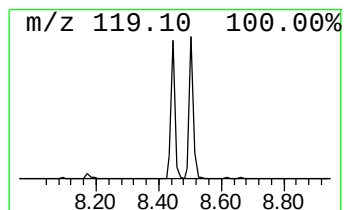
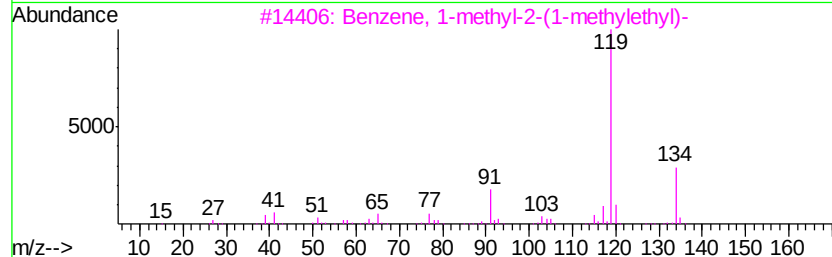
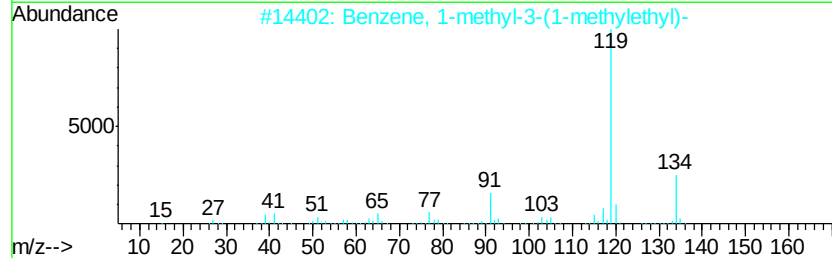
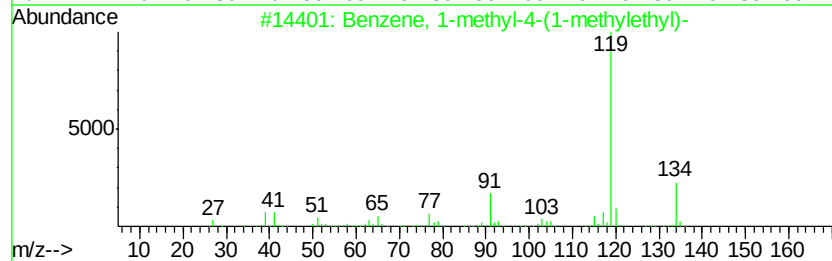
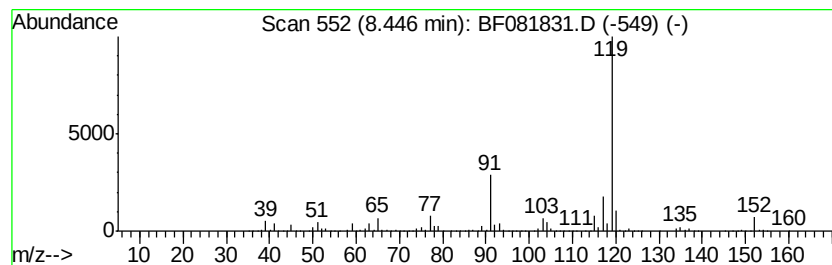
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	56.54 ng	2501080	Napthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	80
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081831.D
Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
Sample : G3785-01
Misc :
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Instrument :
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ClientSampleId :
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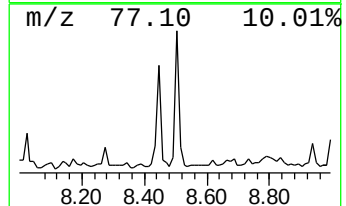
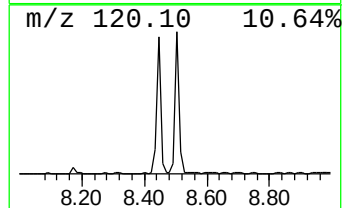
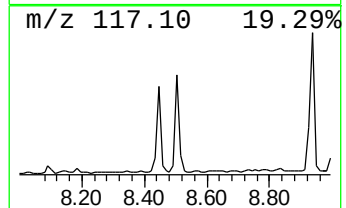
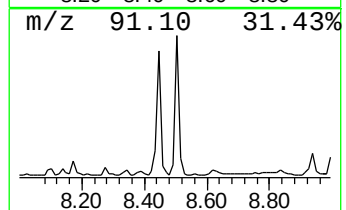
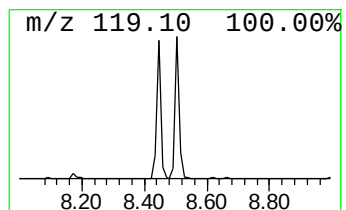
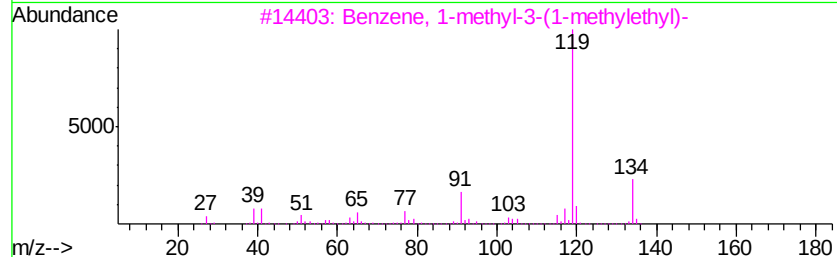
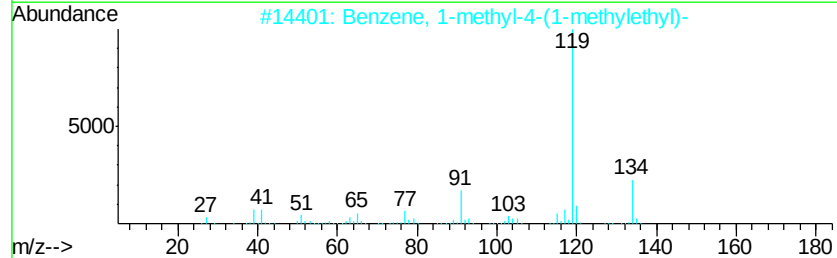
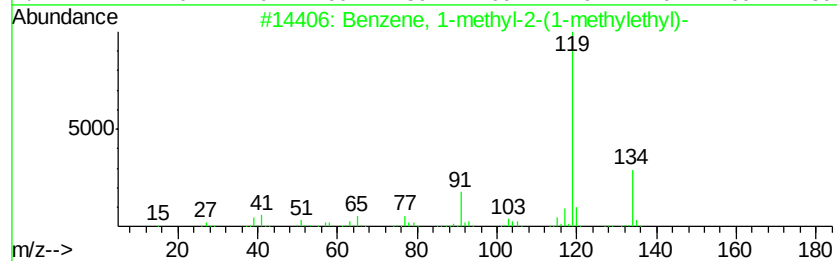
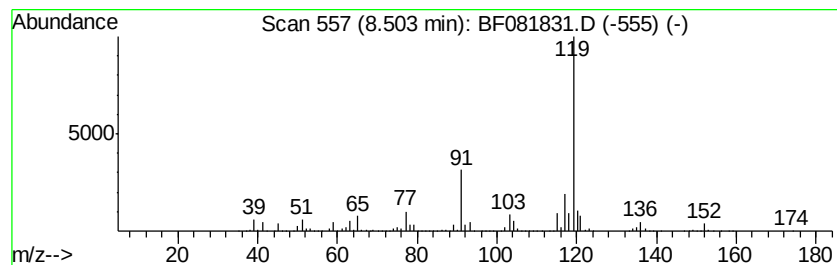
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-2-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	58.93 ng	2606590	Napthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081831.D
Acq On : 26 Sep 2015 16:55
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Misc :
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Instrument :
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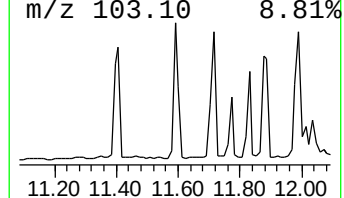
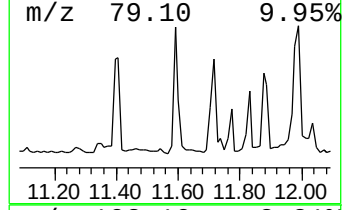
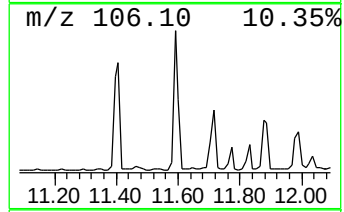
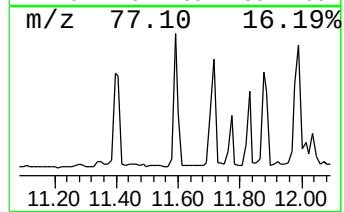
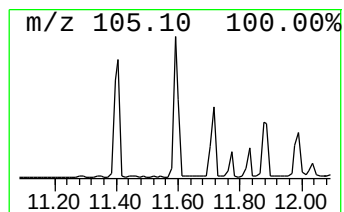
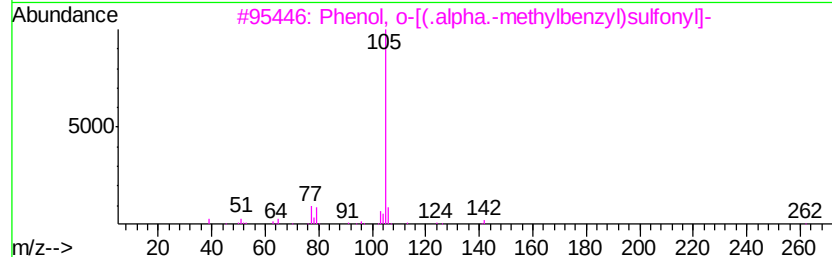
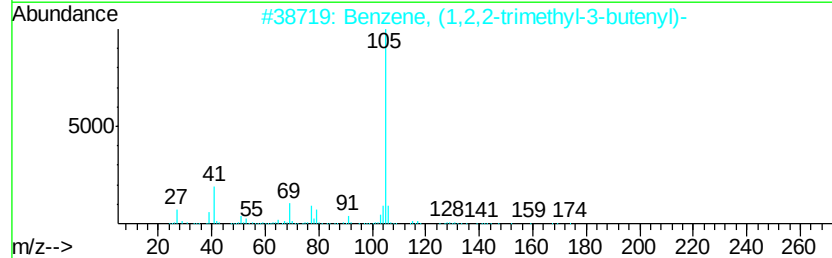
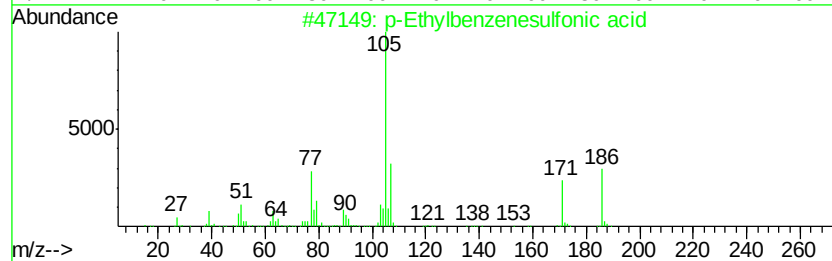
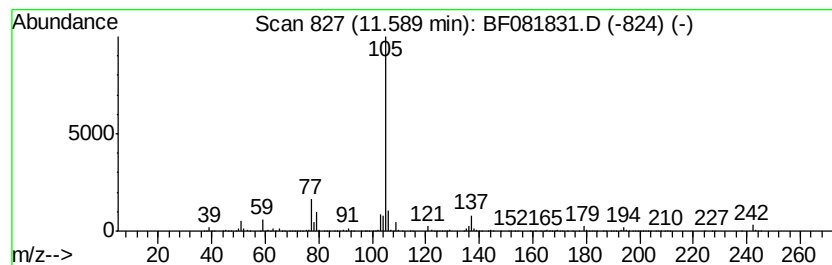
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 p-Ethylbenzenesulfonic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	47.93 ng	2589540	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Ethylbenzenesulfonic acid	186	C8H10O3S	000098-69-1	59
2		Benzene, (1,2,2-trimethyl-3-bute...	174	C13H18	061142-17-4	59
3		Phenol, o-[(.alpha.-methylbenzyl)...	262	C14H14O3S	029634-38-6	59
4		Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	59
5		Phenol, 2-[(1-phenylethyl)thio]-	230	C14H14OS	029549-70-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
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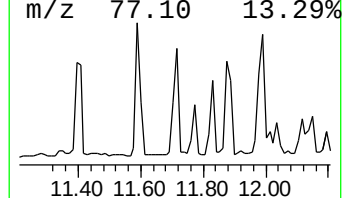
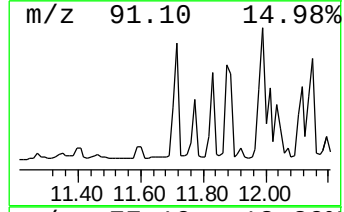
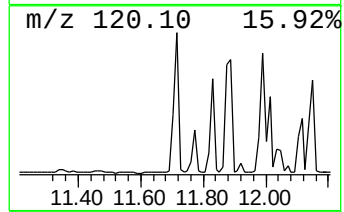
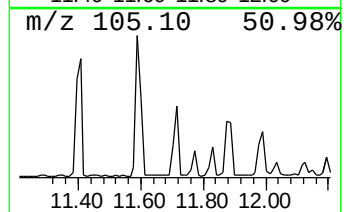
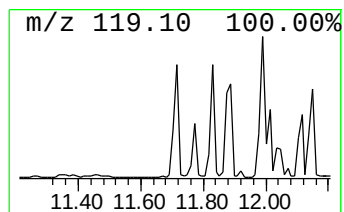
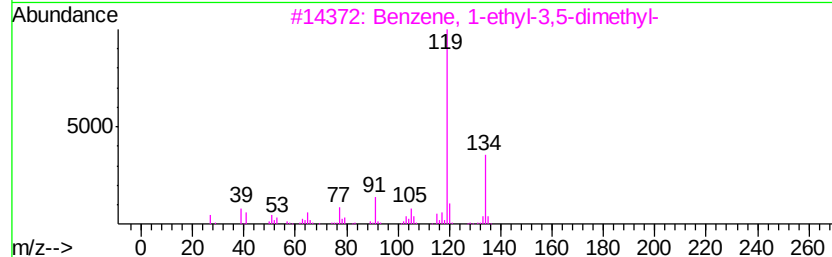
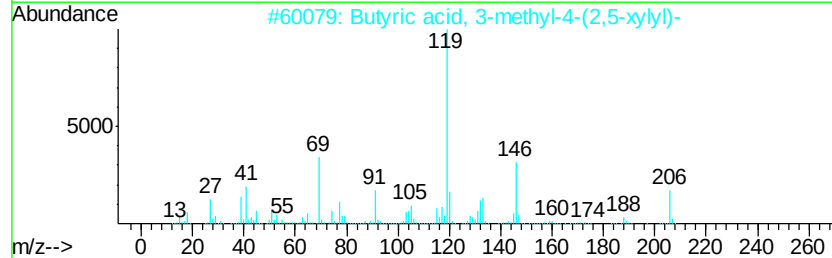
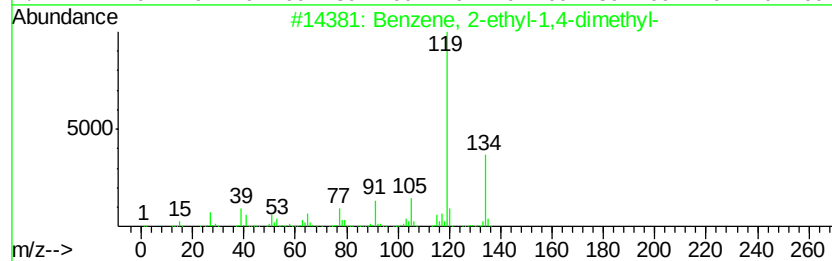
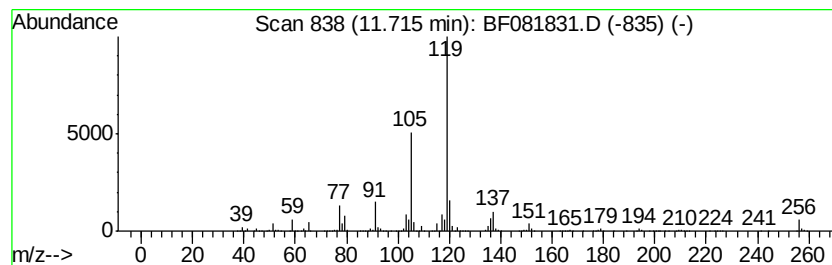
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	60.82 ng	3285970	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2		Butyric acid, 3-methyl-4-(2,5-xy...	206	C13H18O2	030275-76-4	59
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
4		Benzene, 1-(3-cyclopentylpropyl)...	216	C16H24	054815-16-6	59
5		2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Operator : UM/IZ
Sample : G3785-01
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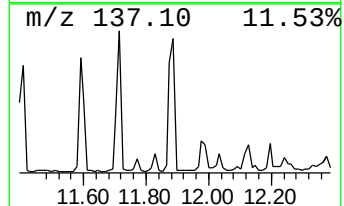
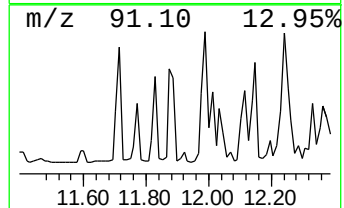
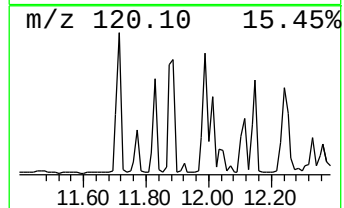
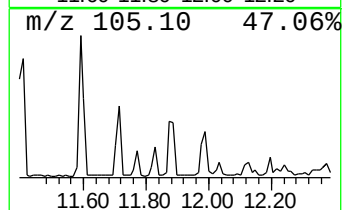
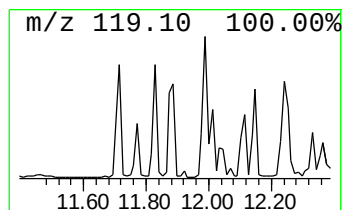
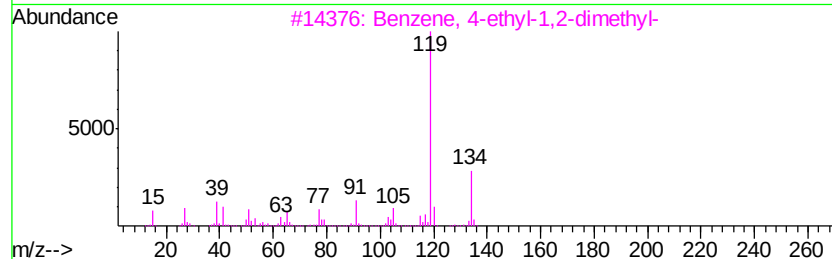
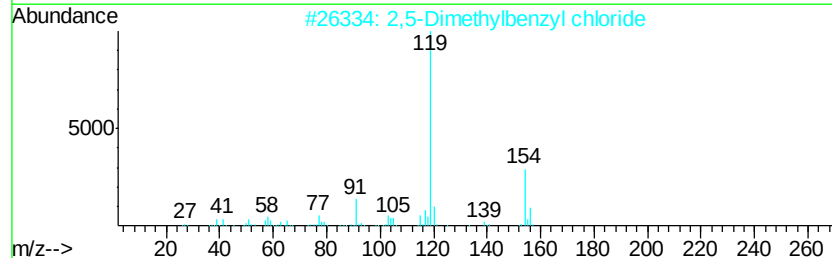
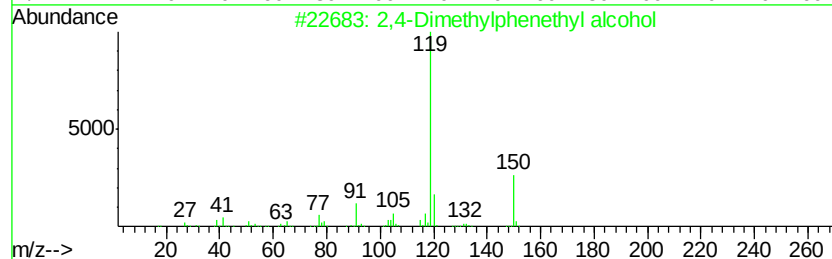
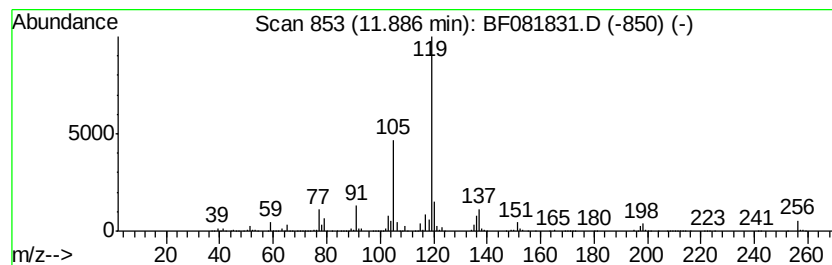
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,4-Dimethylphenethyl alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	57.36 ng	3099490	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	59
2	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	59
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59
4	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	59
5	Butyric acid, 3-methyl-4-(2,5-xy...	206	C13H18O2	030275-76-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081831.D
Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
Sample : G3785-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP221BR-26-28

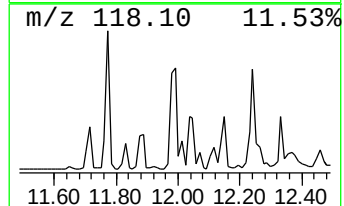
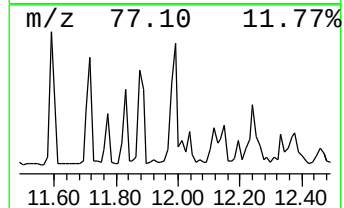
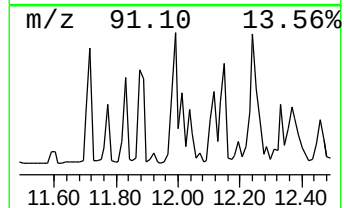
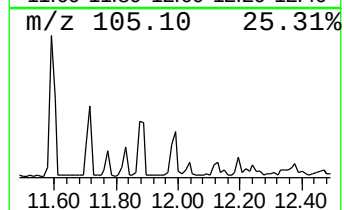
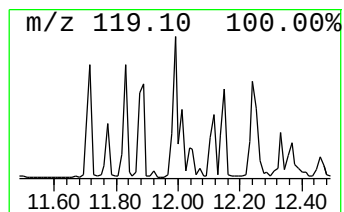
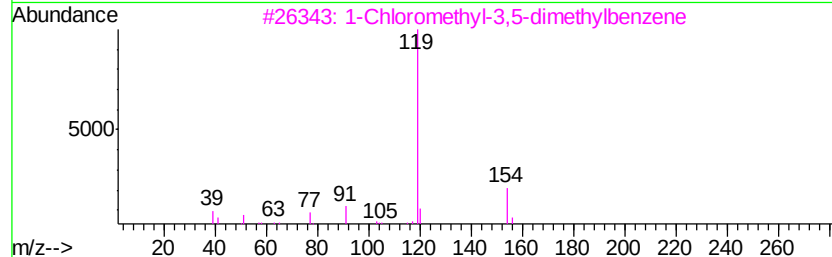
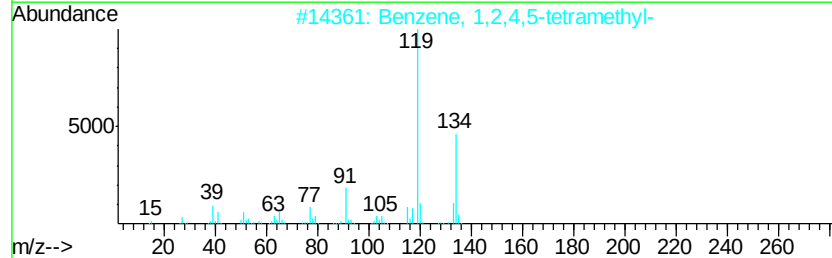
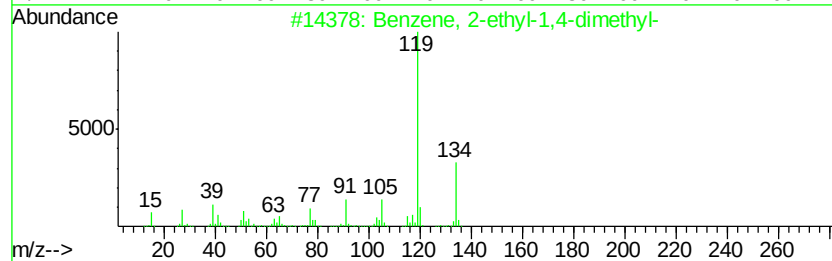
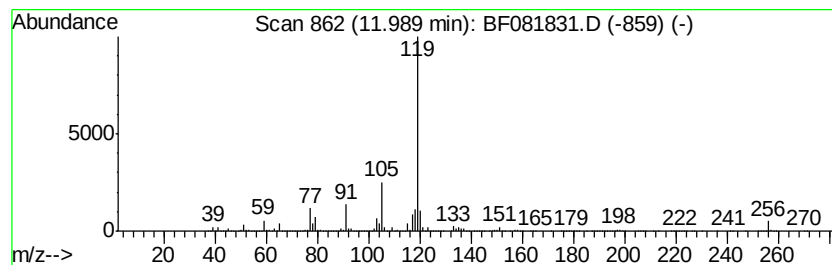
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	96.50 ng	5213990	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3		1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	64
4		Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	64
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
Sample : G3785-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

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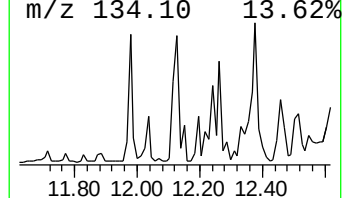
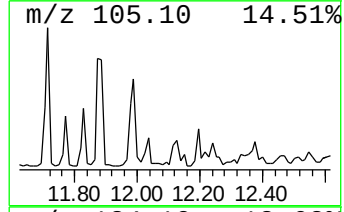
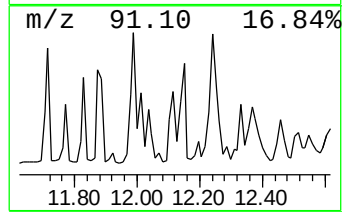
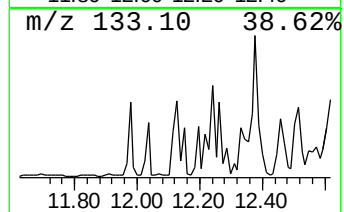
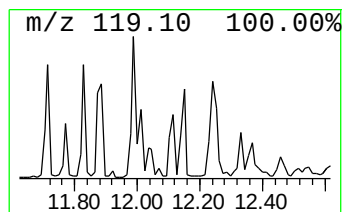
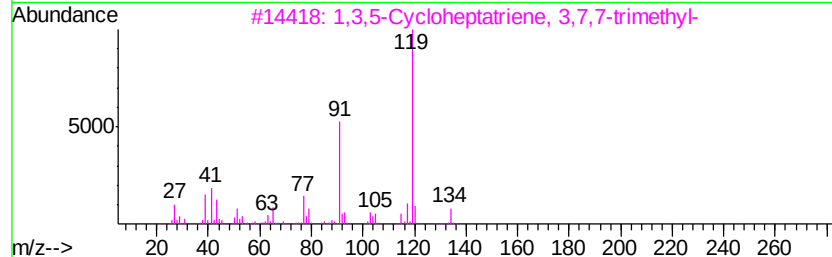
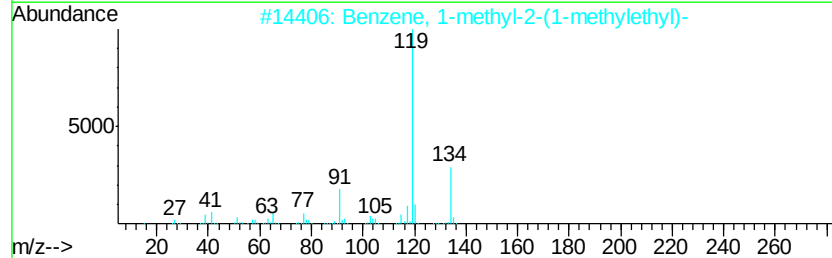
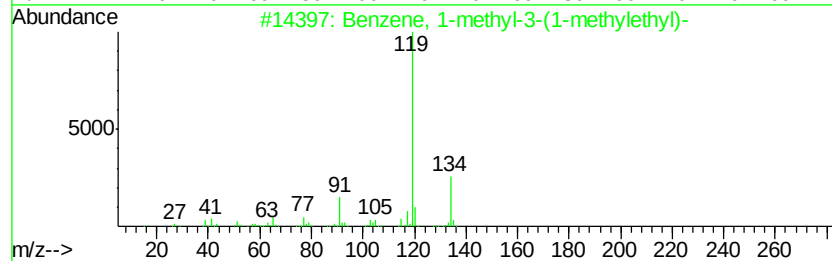
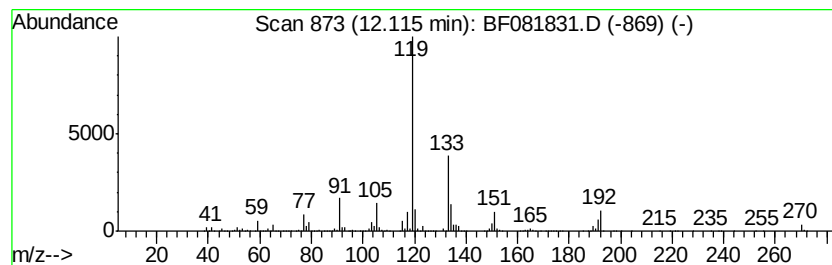
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	60.90 ng	3290740	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3		1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	60
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081831.D
Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
Sample : G3785-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MGP221BR-26-28

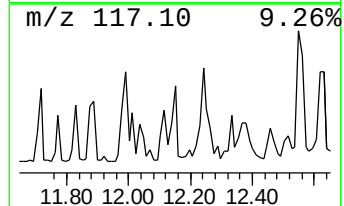
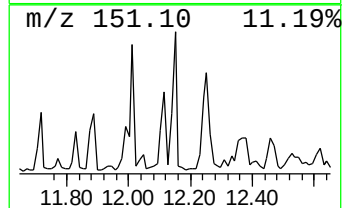
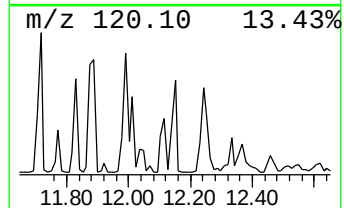
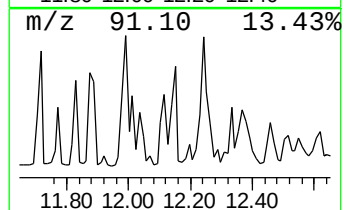
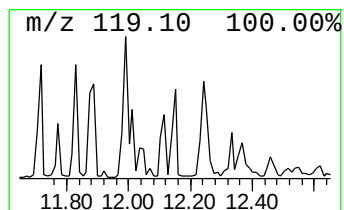
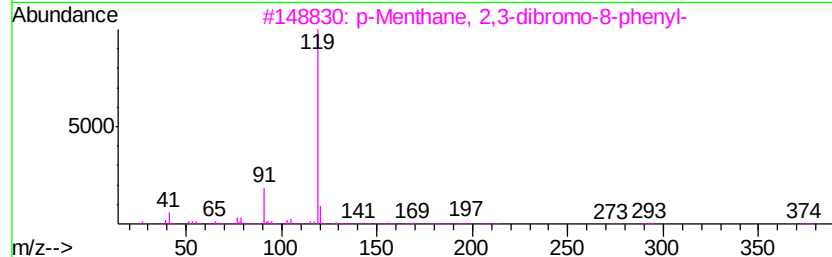
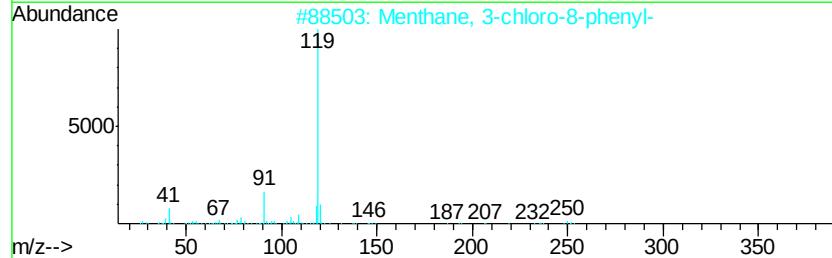
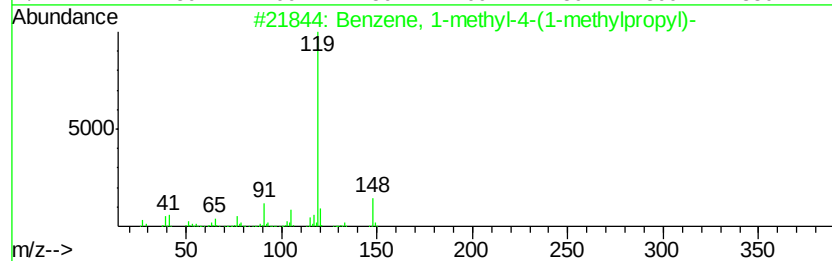
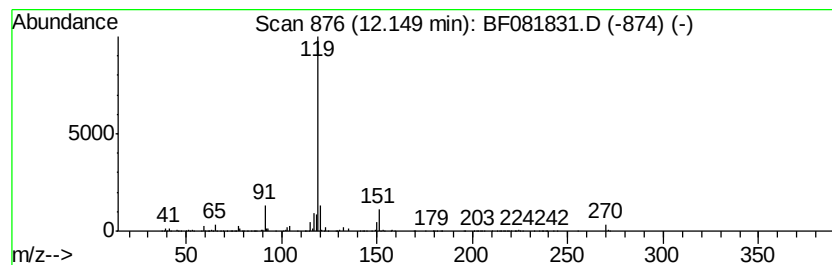
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	38.93 ng	2103210	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2		Menthane, 3-chloro-8-phenyl-	250	C16H23Cl	184007-21-4	59
3		p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	59
4		p-Toluylic acid, 2-isopropoxyph...	270	C17H18O3	1000292-64-5	59
5		Benzene, (chloromethyl)ethyl-	154	C9H11Cl	026968-58-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081831.D
Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
Sample : G3785-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MGP221BR-26-28

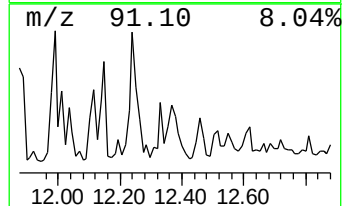
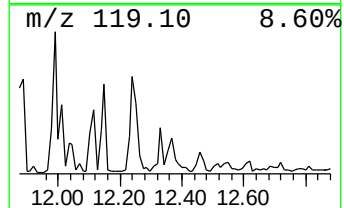
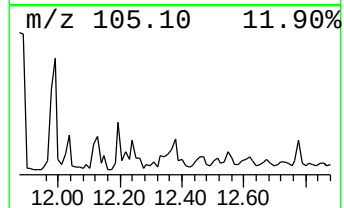
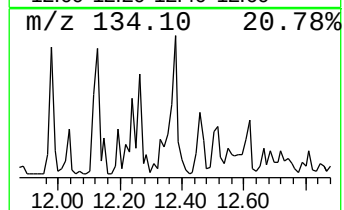
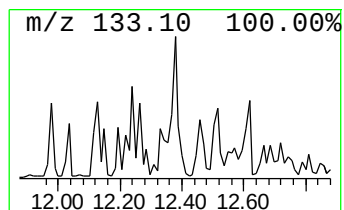
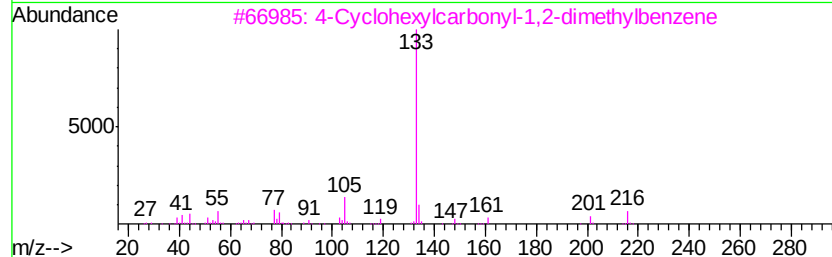
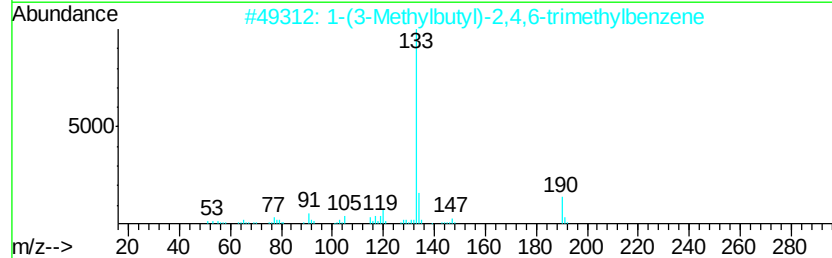
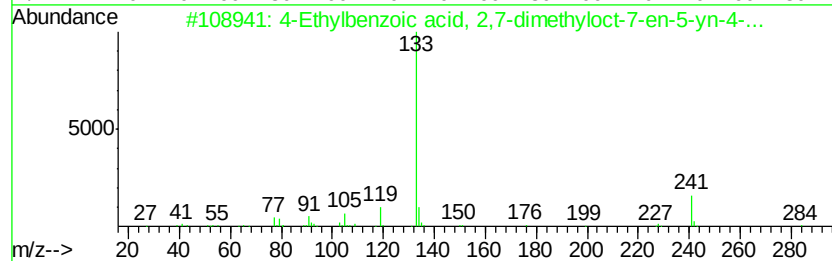
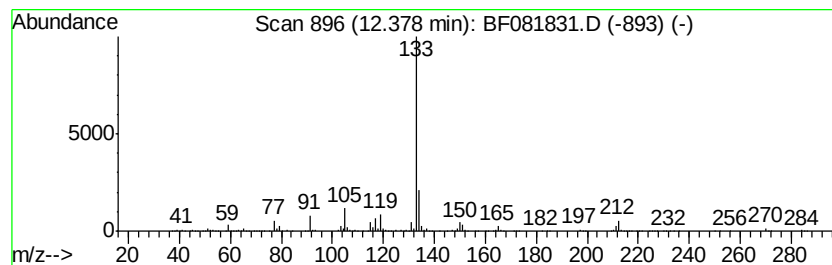
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4-Ethylbenzoic acid, 2,7-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	60.19 ng	3252440	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Ethylbenzoic acid, 2,7-dimethy...	284	C19H24O2	1000292-54-6	58
2		1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	50
3		4-Cyclohexylcarbonyl-1,2-dimethy...	216	C15H20O	133047-84-4	50
4		1-Propanone, 2-chloro-1-(4-ethyl...	210	C12H15ClO	055012-69-6	50
5		1-Propanone, 2-chloro-1-(2,4-dim...	210	C12H15ClO	054965-53-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Acq On : 26 Sep 2015 16:55
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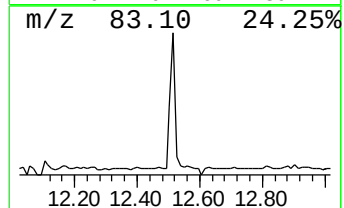
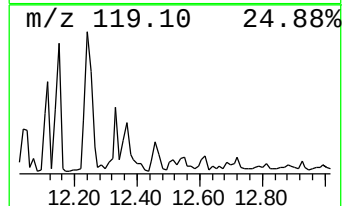
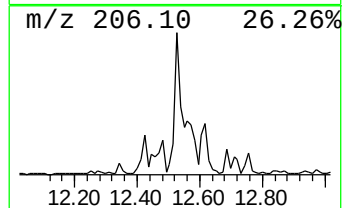
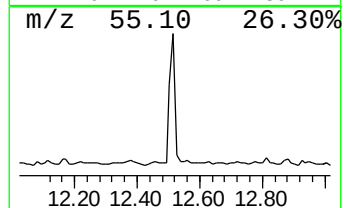
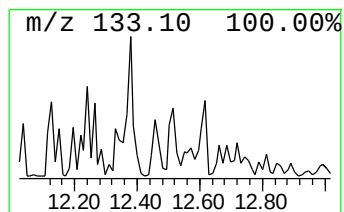
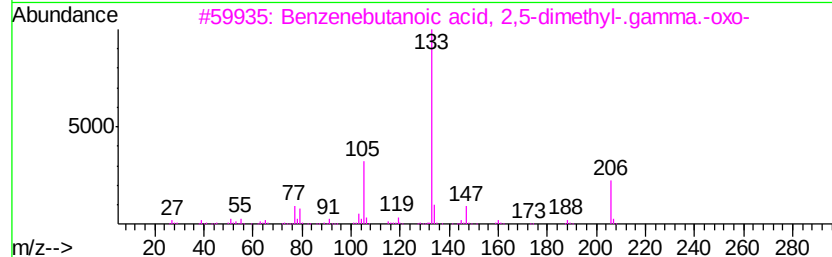
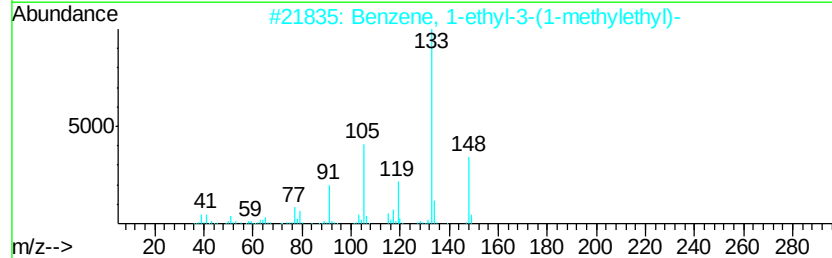
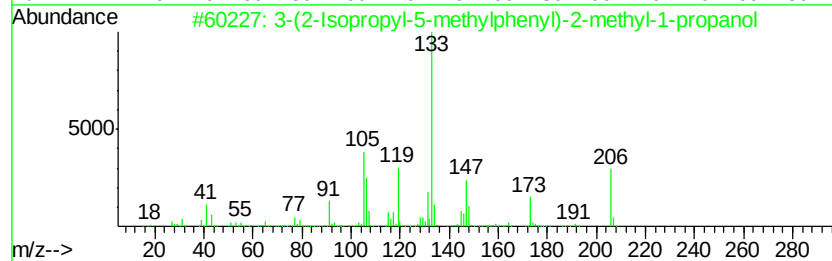
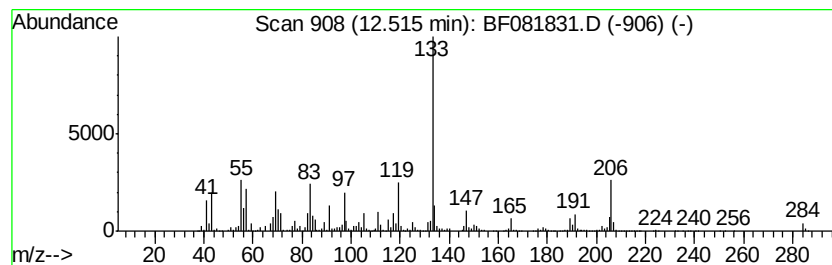
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3-(2-Isopropyl-5-methylphen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	57.16 ng	3088710	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Isopropyl-5-methylphenyl)-2...	206	C14H22O	022291-56-1	52
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
3	Benzenebutanoic acid, 2,5-dimeth...	206	C12H14O3	005394-59-2	47
4	1-(3-Methylbutyl)-2,3,6-trimethy...	190	C14H22	084651-14-9	43
5	1H-1,2,4-Triazole, 3-(2,4,6-trim...	233	C12H15N3S	309920-46-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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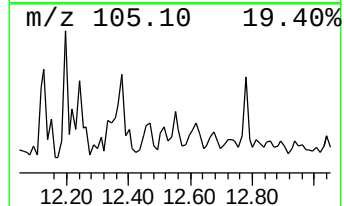
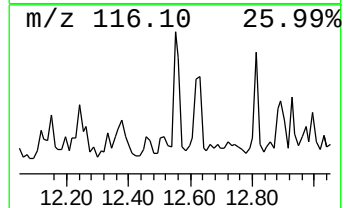
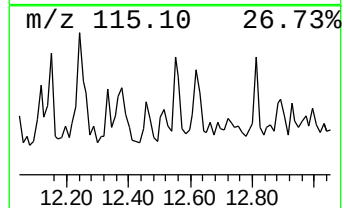
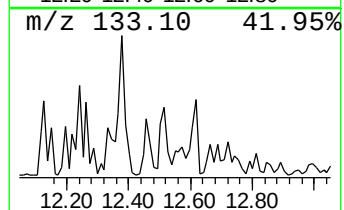
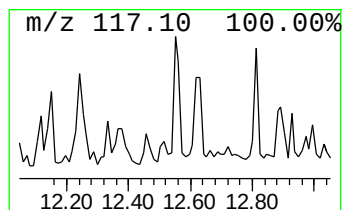
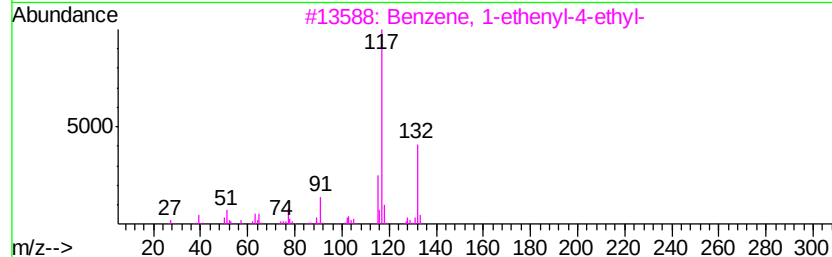
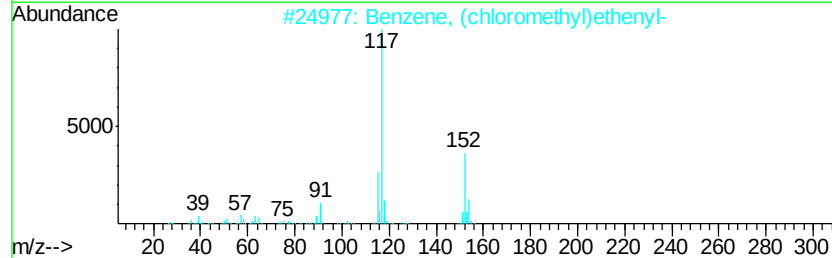
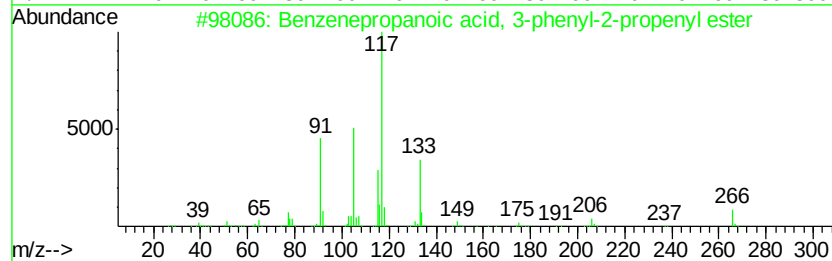
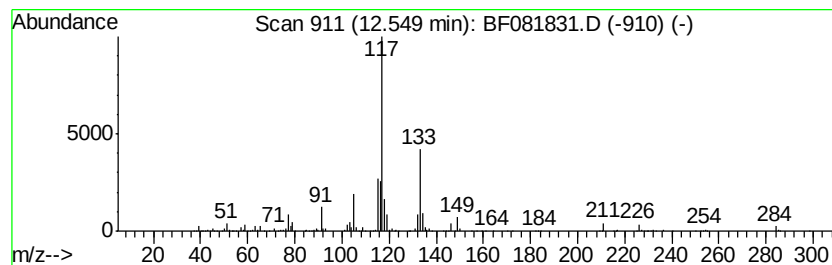
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzenepropanoic acid, 3-ph... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.55	45.43 ng	2454750	Phenanthrene-d10	11.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenepropanoic acid, 3-phenyl-...	266	C18H18O2	028048-98-8	50
2		Benzene, (chloromethyl)ethenyl-	152	C9H9Cl	030030-25-2	43
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	43
4		Borinic acid, diethyl-, 1-phenyl...	202	C13H19BO	034602-33-0	38
5		Benzoic acid, 2-amino-, 3-phenyl...	253	C16H15NO2	000087-29-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Acq On : 26 Sep 2015 16:55
Operator : UM/IZ
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Misc :
ALS Vial : 45 Sample Multiplier: 1

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ClientSampleId :
MGP221BR-26-28

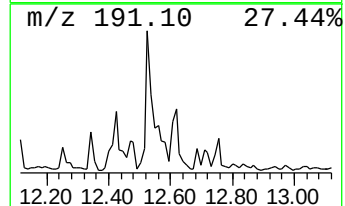
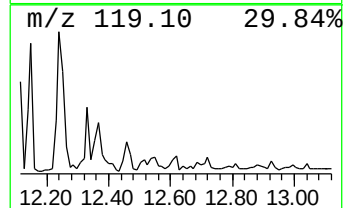
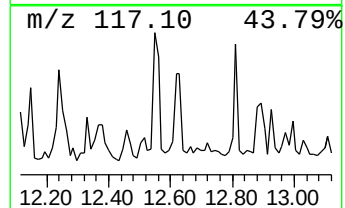
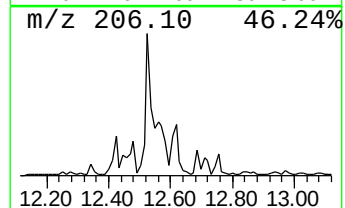
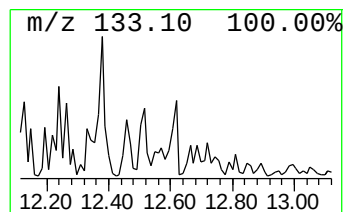
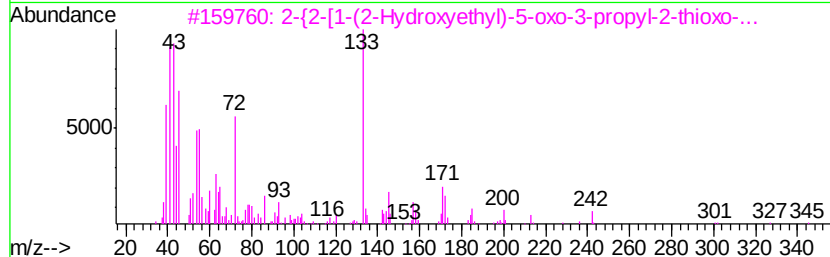
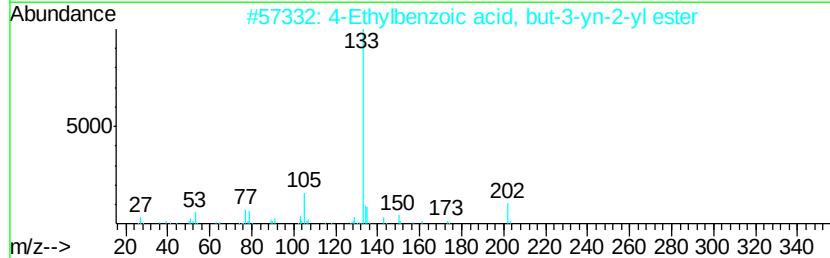
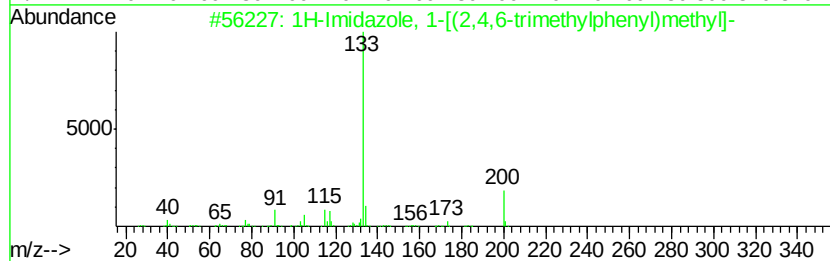
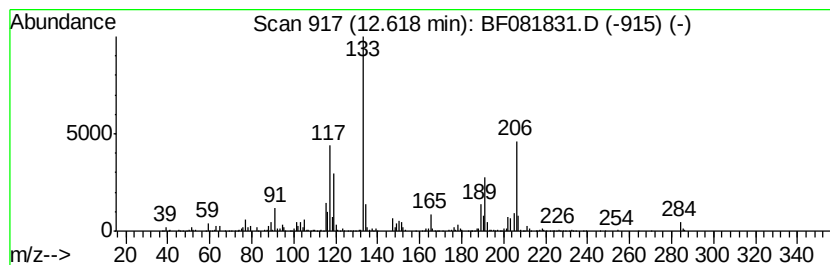
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown12.62 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	41.47 ng	2240580	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 1-[(2,4,6-trimethy...	200	C13H16N2	084567-17-9	27
2		4-Ethylbenzoic acid, but-3-yn-2-...	202	C13H14O2	1000292-54-0	25
3		2-{2-[1-(2-Hydroxyethyl)-5-oxo-3...	417	C20H23N3O5S	1000224-26-4	25
4		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	25
5		4-Ethylbenzoic acid, undec-2-eny...	302	C20H30O2	1000292-54-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081831.D
 Acq On : 26 Sep 2015 16:55
 Operator : UM/IZ
 Sample : G3785-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-26-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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
Bicyclo[4.2.0]oct...	5.76	64.9	ng	2647920	1	6.94	815891	20.0
unknown6.71	6.71	65.7	ng	2681950	1	6.94	815891	20.0
Benzene, 1-etheny...	6.78	88.2	ng	3597120	1	6.94	815891	20.0
Benzene, cyclopro...	6.81	44.8	ng	1826600	1	6.94	815891	20.0
1H-Indene, 1-methyl-	8.02	40.5	ng	1789720	2	8.23	884648	20.0
Benzene, 1-methyl...	8.45	56.5	ng	2501080	2	8.23	884648	20.0
Benzene, 1-methyl...	8.50	58.9	ng	2606590	2	8.23	884648	20.0
p-Ethylbenzenesul...	11.59	47.9	ng	2589540	4	11.47	1080640	20.0
Benzene, 2-ethyl-...	11.71	60.8	ng	3285970	4	11.47	1080640	20.0
2,4-Dimethylphene...	11.89	57.4	ng	3099490	4	11.47	1080640	20.0
Benzene, 1,2,4,5-...	11.99	96.5	ng	5213990	4	11.47	1080640	20.0
Benzene, 1-methyl...	12.12	60.9	ng	3290740	4	11.47	1080640	20.0
Benzene, 1-methyl...	12.15	38.9	ng	2103210	4	11.47	1080640	20.0
4-Ethylbenzoic ac...	12.38	60.2	ng	3252440	4	11.47	1080640	20.0
3-(2-Isopropyl-5-...	12.52	57.2	ng	3088710	4	11.47	1080640	20.0
Benzenepropanoic ...	12.55	45.4	ng	2454750	4	11.47	1080640	20.0
unknown12.62	12.62	41.5	ng	2240580	4	11.47	1080640	20.0