

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103287.D
 Acq On : 28 Feb 2018 2:55
 Operator : SJ/JU
 Sample : J1683-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW12-GW

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-BF022218.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	2.134	3	8	14	rVB	890713	1152029	11.77%	1.221%
2	3.199	184	189	194	rVV	92386	171360	1.75%	0.182%
3	3.252	194	198	206	rVB2	89531	163232	1.67%	0.173%
4	3.640	256	264	272	rVB4	66887	170796	1.75%	0.181%
5	3.734	272	280	286	rBV	99555	180162	1.84%	0.191%
6	3.951	312	317	321	rVB	388513	513004	5.24%	0.544%
7	4.398	388	393	395	rBV	382054	460213	4.70%	0.488%
8	4.428	395	398	401	rVV	231753	284178	2.90%	0.301%
9	4.481	401	407	412	rVB2	333844	508149	5.19%	0.539%
10	4.993	488	494	499	rBV2	113291	186965	1.91%	0.198%
11	5.093	508	511	516	rBV	127898	178712	1.83%	0.189%
12	5.157	516	522	527	rVB2	186756	397327	4.06%	0.421%
13	5.222	527	533	540	rVB3	138424	177410	1.81%	0.188%
14	5.363	553	557	563	rVB	142808	165335	1.69%	0.175%
15	5.469	569	575	576	rBV	2401444	3032174	30.98%	3.215%
16	5.487	576	578	588	rVV2	3546703	4861264	49.67%	5.154%
17	5.557	588	590	595	rVV2	221314	183492	1.87%	0.195%
18	5.657	601	607	614	rVV4	123018	310740	3.17%	0.329%
19	5.740	614	621	624	rVV	6359110	9787443	100.00%	10.376%
20	5.840	633	638	643	rVV2	379347	489513	5.00%	0.519%
21	5.922	650	652	655	rVV	244405	236213	2.41%	0.250%
22	6.157	689	692	697	rVV2	184728	209101	2.14%	0.222%
23	6.228	702	704	707	rVV	223580	204439	2.09%	0.217%
24	6.392	727	732	735	rBV	1349510	1245943	12.73%	1.321%
25	6.428	735	738	742	rVV	620019	581380	5.94%	0.616%
26	6.475	742	746	748	rVV	2659220	2331679	23.82%	2.472%
27	6.510	748	752	757	rVV	1302969	1681357	17.18%	1.782%
28	6.557	757	760	763	rVB	2514393	2087031	21.32%	2.213%
29	6.645	771	775	778	rBV	3489555	3503586	35.80%	3.714%
30	6.675	778	780	781	rVV	323119	247203	2.53%	0.262%
31	6.692	781	783	790	rVB2	650291	912564	9.32%	0.967%
32	6.875	810	814	817	rBV	1234096	1180059	12.06%	1.251%
33	6.928	817	823	828	rVB2	3039959	3724055	38.05%	3.948%
34	6.981	828	832	836	rBV2	97742	141748	1.45%	0.150%

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35	7.034	836	841	843	rBV	3385413	3472618	35.48%	3.681%
36	7.051	843	844	851	rVB2	942301	781834	7.99%	0.829%
37	7.134	856	858	861	rVV2	320292	315719	3.23%	0.335%
38	7.187	864	867	877	rVB2	1042251	1515653	15.49%	1.607%
39	7.263	877	880	881	rBV	186562	193324	1.98%	0.205%
40	7.281	881	883	889	rVB2	492632	466277	4.76%	0.494%
41	7.357	893	896	898	rVB	169314	132395	1.35%	0.140%
42	7.404	901	904	907	rBV2	706895	1094667	11.18%	1.161%
43	7.439	907	910	914	rVV	3075258	3587780	36.66%	3.804%
44	7.481	914	917	926	rVB3	612529	1018081	10.40%	1.079%
45	7.551	926	929	935	rBV3	487892	653653	6.68%	0.693%
46	7.639	941	944	946	rVB	380253	272830	2.79%	0.289%
47	7.663	946	948	951	rVB	694750	524868	5.36%	0.556%
48	7.692	951	953	955	rBV2	220570	232852	2.38%	0.247%
49	7.722	955	958	960	rVV3	271823	341965	3.49%	0.363%
50	7.751	960	963	969	rVV3	832408	1082583	11.06%	1.148%
51	7.810	969	973	983	rVB2	1240945	2061280	21.06%	2.185%
52	7.892	983	987	990	rBV2	1255859	1264157	12.92%	1.340%
53	8.028	1006	1010	1014	rVB2	698201	776164	7.93%	0.823%
54	8.122	1023	1026	1029	rBV2	1086798	972112	9.93%	1.031%
55	8.157	1029	1032	1034	rBV	1496584	1201962	12.28%	1.274%
56	8.175	1034	1035	1038	rVB	315059	217591	2.22%	0.231%
57	8.328	1058	1061	1064	rBV	387646	386786	3.95%	0.410%
58	8.386	1068	1071	1073	rBV3	142387	207285	2.12%	0.220%
59	8.434	1073	1079	1081	rBV3	820326	1310963	13.39%	1.390%
60	8.469	1081	1085	1087	rBV2	668391	1003891	10.26%	1.064%
61	8.539	1095	1097	1100	rVB3	223751	187901	1.92%	0.199%
62	8.586	1100	1105	1107	rBV	666137	872640	8.92%	0.925%
63	8.633	1108	1113	1117	rVV3	812346	1273018	13.01%	1.350%
64	8.675	1117	1120	1125	rVV	1883630	1710552	17.48%	1.813%
65	8.733	1128	1130	1131	rVV2	168510	139035	1.42%	0.147%
66	8.757	1131	1134	1136	rVV	1418575	1239006	12.66%	1.314%
67	8.857	1147	1151	1154	rBV	391205	457463	4.67%	0.485%
68	8.898	1154	1158	1160	rVV	444775	396460	4.05%	0.420%
69	8.939	1160	1165	1167	rVV	1168517	1094057	11.18%	1.160%
70	8.969	1167	1170	1172	rVV	662180	503368	5.14%	0.534%
71	9.010	1172	1177	1179	rVV3	447866	711485	7.27%	0.754%

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72	9.045	1179	1183	1187	rVV	799907	1375088	14.05%	1.458%
73	9.075	1187	1188	1190	rVV2	452412	245810	2.51%	0.261%
74	9.139	1196	1199	1201	rVV	429934	523822	5.35%	0.555%
75	9.163	1201	1203	1205	rVV	731655	761261	7.78%	0.807%
76	9.186	1205	1207	1211	rVV2	466713	464204	4.74%	0.492%
77	9.233	1211	1215	1218	rVB	3987463	3792366	38.75%	4.020%
78	9.275	1218	1222	1226	rBV5	102692	141850	1.45%	0.150%
79	9.345	1229	1234	1240	rVB5	300036	586232	5.99%	0.621%
80	9.398	1240	1243	1246	rVB2	399917	332694	3.40%	0.353%
81	9.439	1246	1250	1254	rBV2	485015	521740	5.33%	0.553%
82	9.480	1254	1257	1258	rBV2	195085	140032	1.43%	0.148%
83	9.504	1258	1261	1263	rVB2	451222	404641	4.13%	0.429%
84	9.563	1269	1271	1276	rBV6	74700	144753	1.48%	0.153%
85	9.622	1279	1281	1283	rVB	277874	194565	1.99%	0.206%
86	9.675	1283	1290	1295	rVB6	212357	383273	3.92%	0.406%
87	9.739	1298	1301	1304	rVB	205464	184266	1.88%	0.195%
88	9.828	1314	1316	1319	rVB2	210573	191351	1.96%	0.203%
89	9.886	1324	1326	1328	rVV2	163388	147825	1.51%	0.157%
90	9.910	1328	1330	1334	rVV	1280893	1231625	12.58%	1.306%
91	10.075	1355	1358	1363	rVB4	101353	155737	1.59%	0.165%
92	10.328	1398	1401	1403	rBV2	251990	197437	2.02%	0.209%
93	10.710	1462	1466	1469	rBV	1784178	1752266	17.90%	1.858%
94	10.804	1479	1482	1486	rBV	183296	168935	1.73%	0.179%
95	11.404	1580	1584	1587	rBV	1131940	961417	9.82%	1.019%
96	11.916	1668	1671	1679	rBV2	103363	130738	1.34%	0.139%
97	12.986	1849	1853	1857	rBV	2215557	2176677	22.24%	2.308%
98	13.868	2000	2003	2012	rBV	294156	329902	3.37%	0.350%
99	14.051	2030	2034	2042	rBV	786519	777567	7.94%	0.824%
100	15.557	2285	2290	2297	rVB	422786	574384	5.87%	0.609%

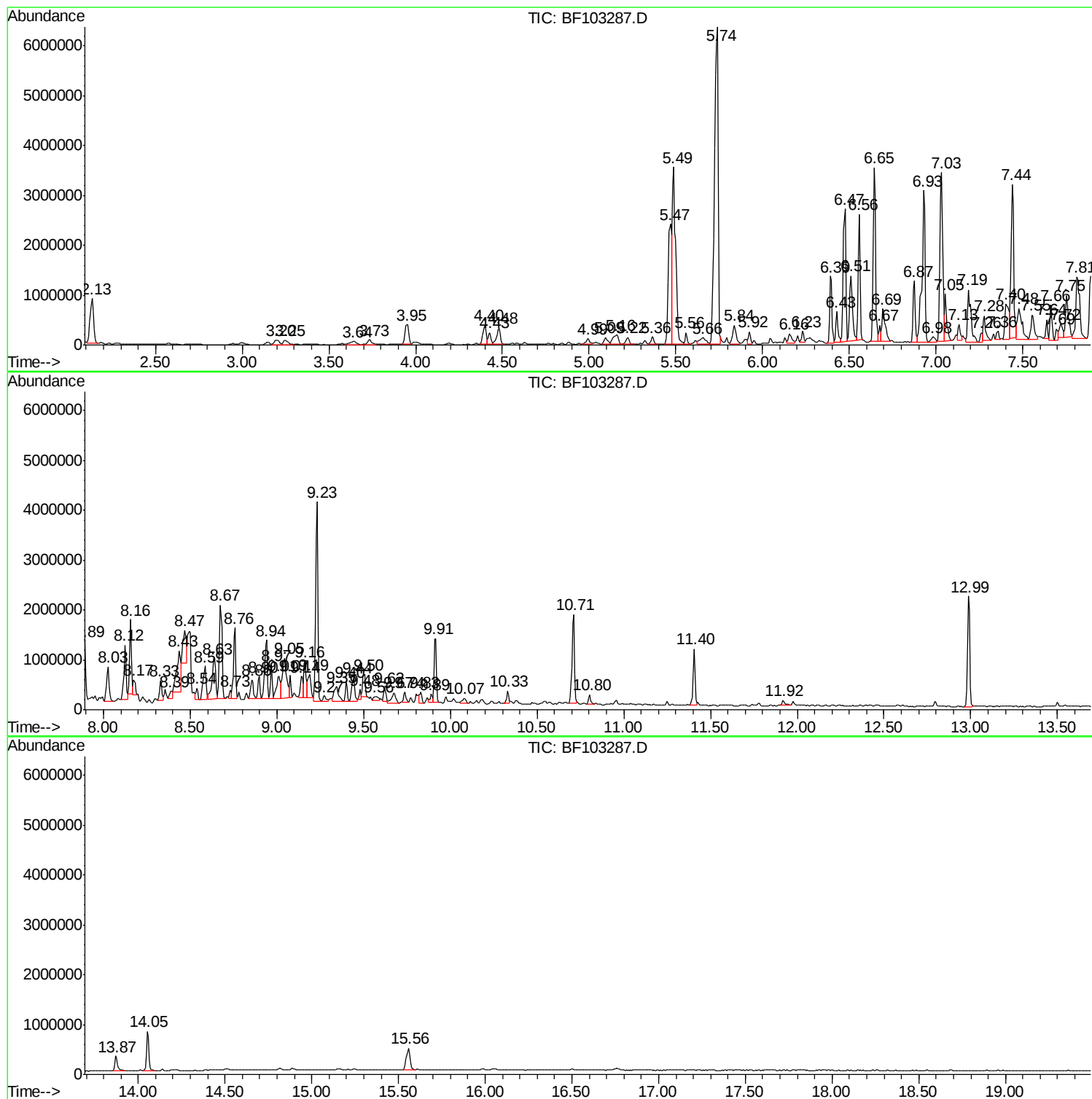
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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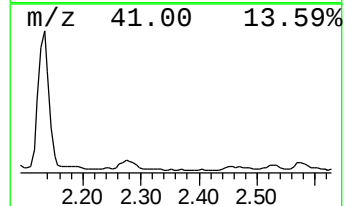
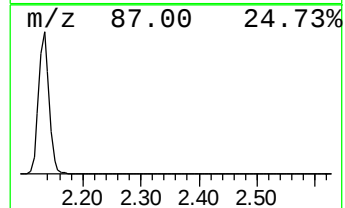
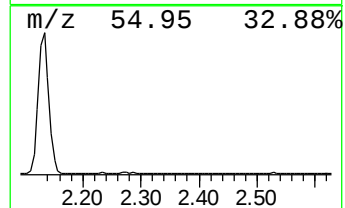
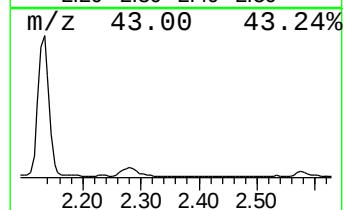
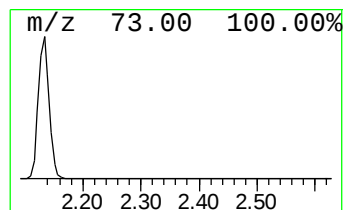
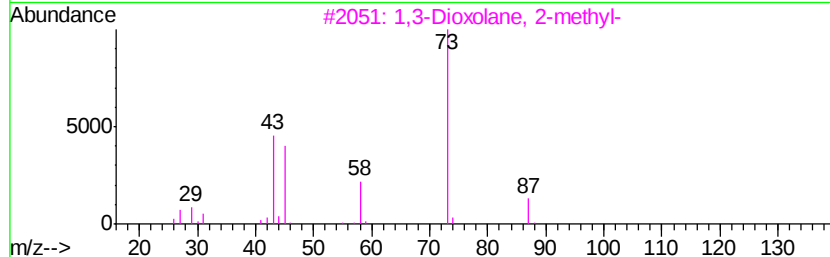
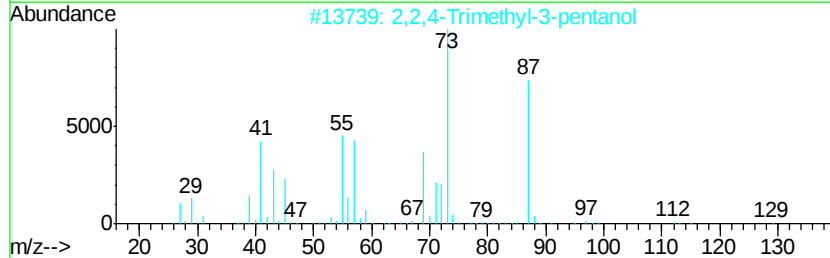
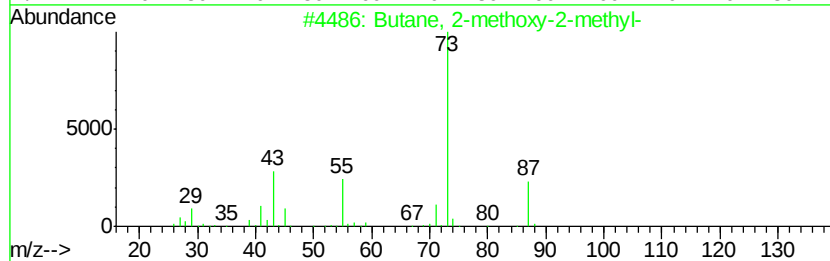
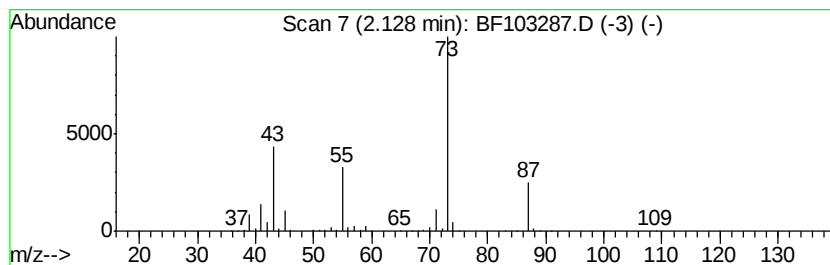
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	19.52 ng	1152030	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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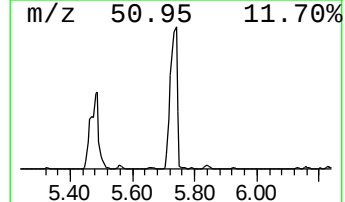
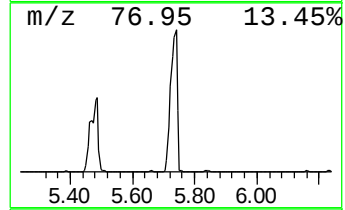
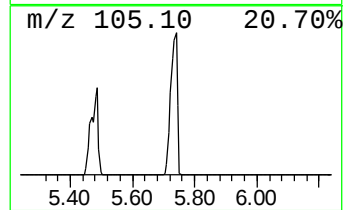
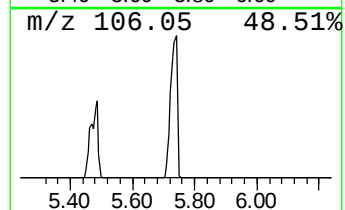
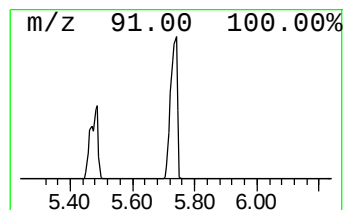
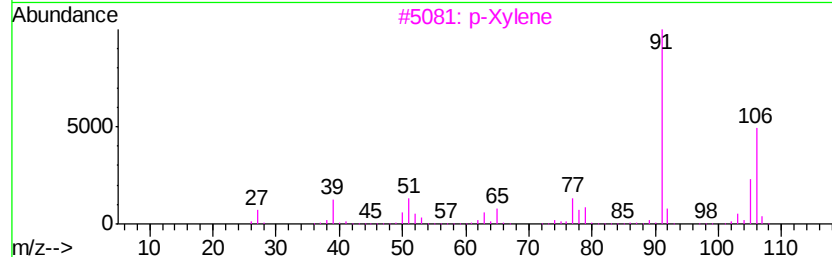
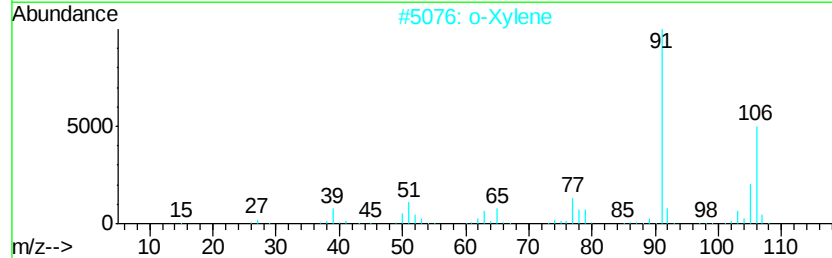
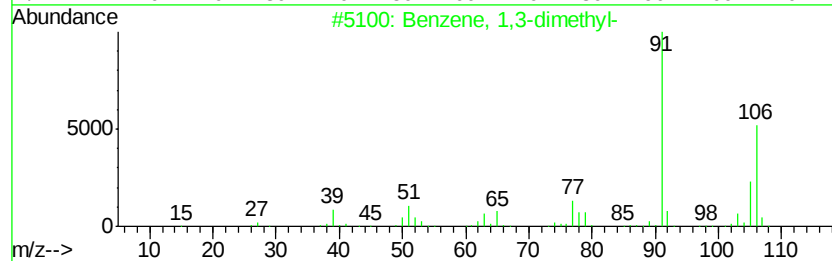
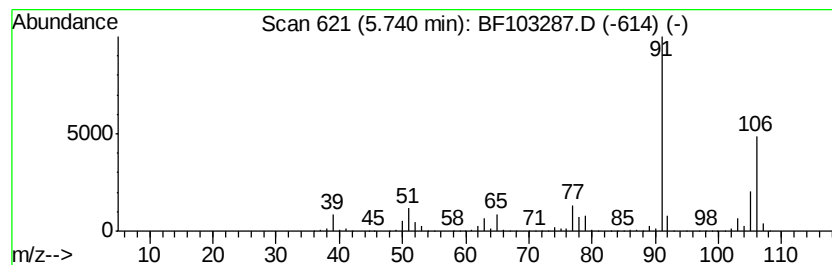
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	165.88 ng	9787440	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2			o-Xylene	106	C8H10	000095-47-6	97
3			p-Xylene	106	C8H10	000106-42-3	97
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



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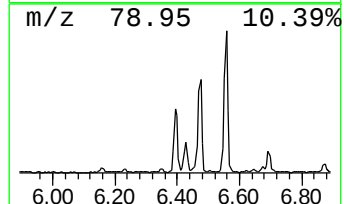
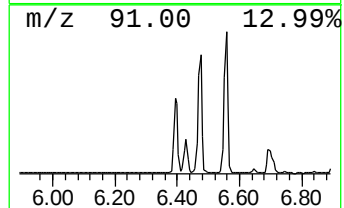
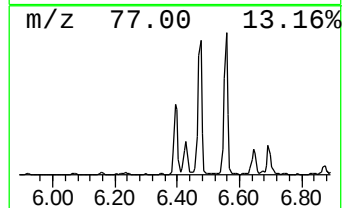
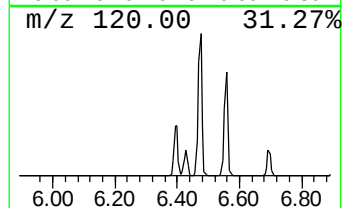
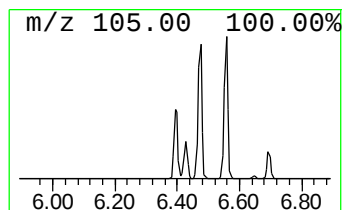
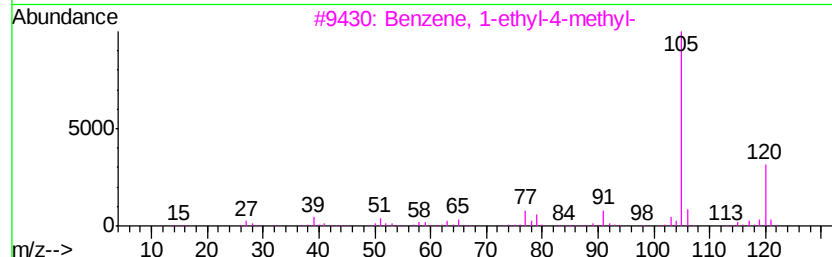
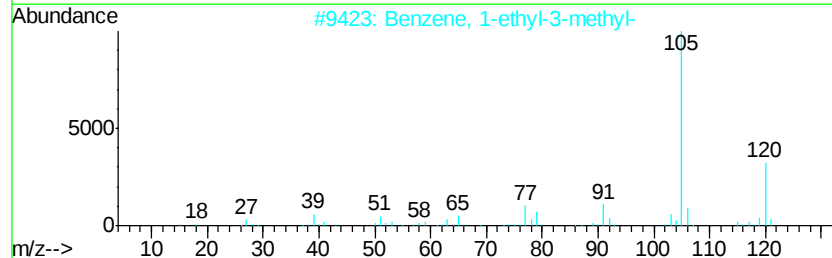
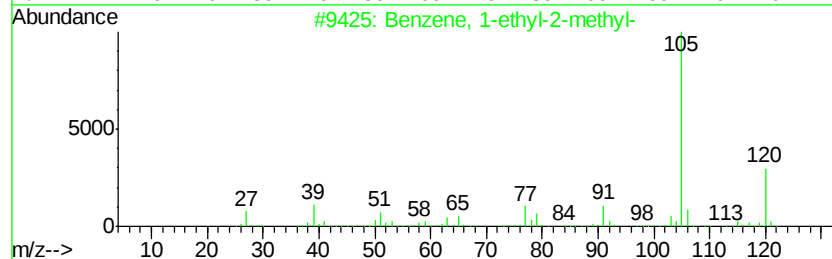
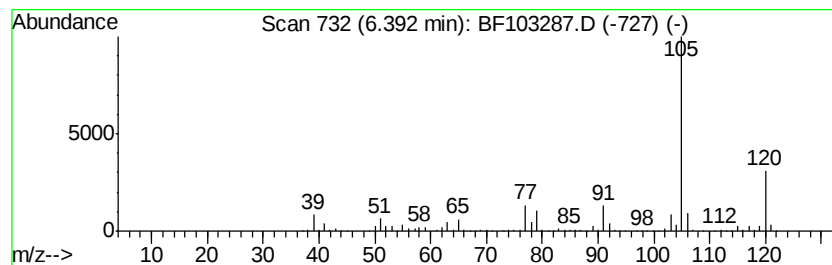
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	21.12 ng	1245940	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
Sample : J1683-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

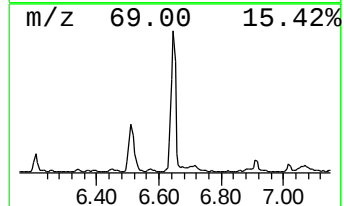
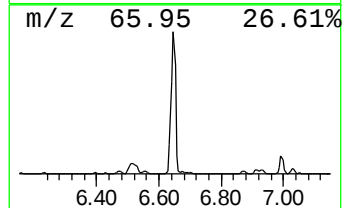
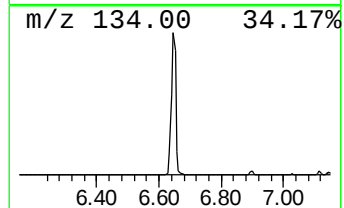
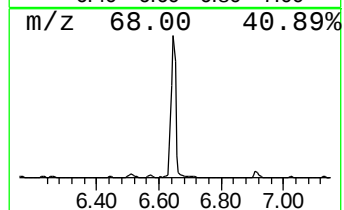
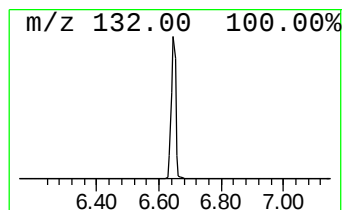
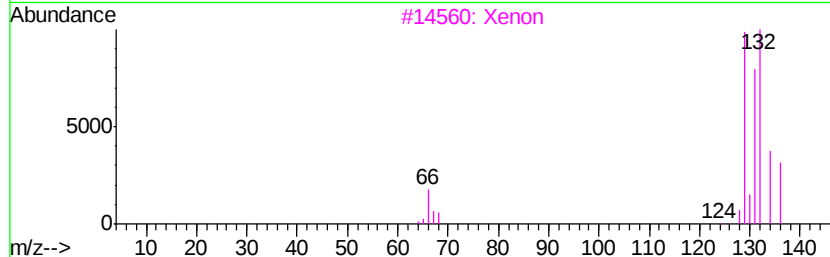
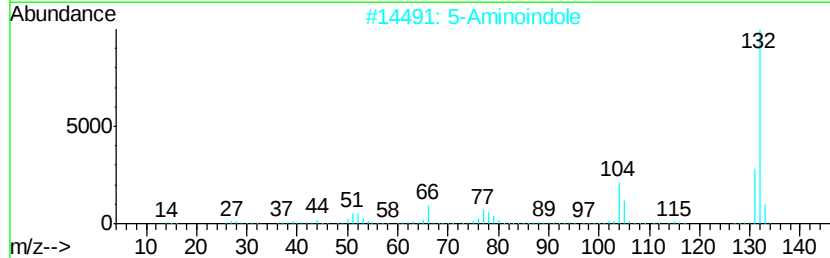
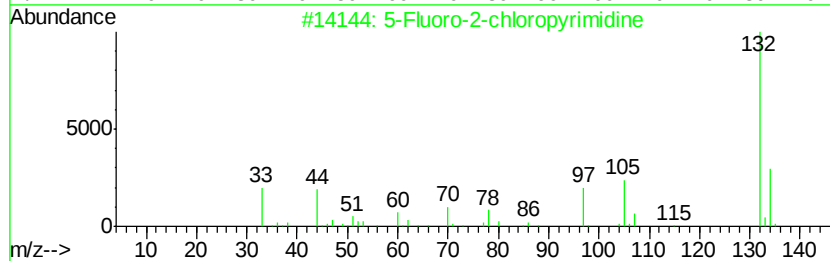
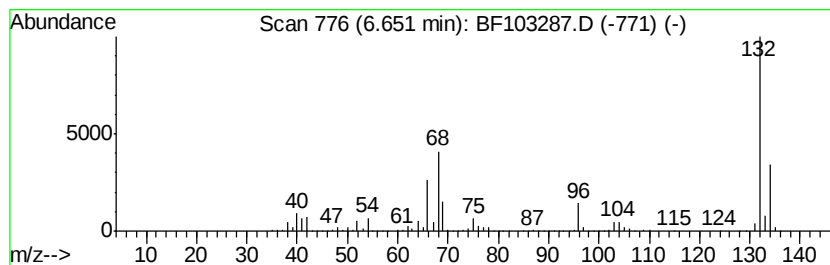
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	59.38 ng	3503590	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Xenon	132	Xe	007440-63-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
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ClientSampleId :
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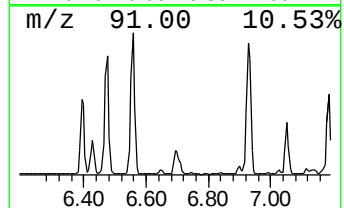
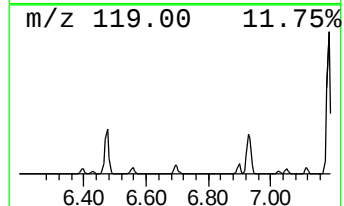
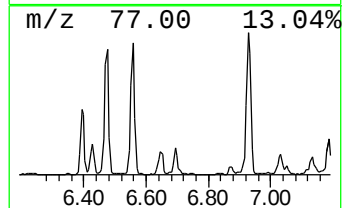
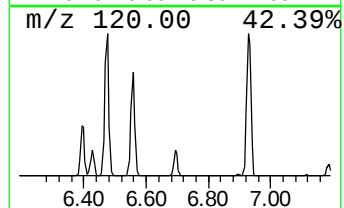
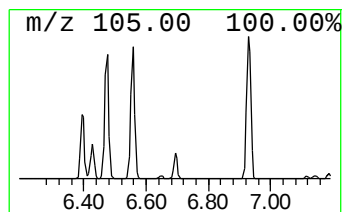
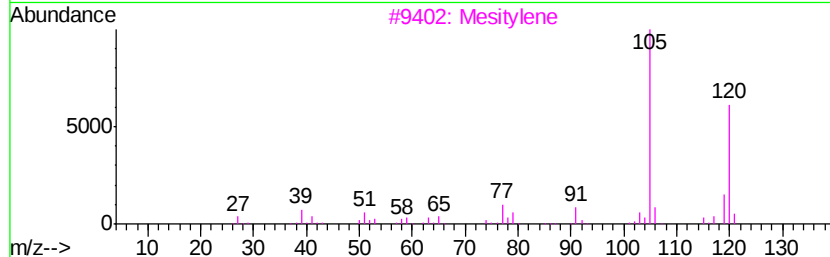
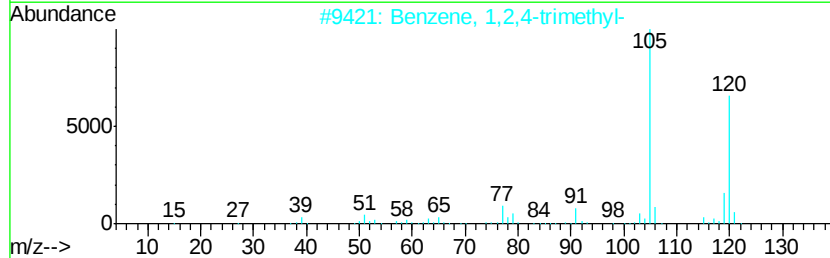
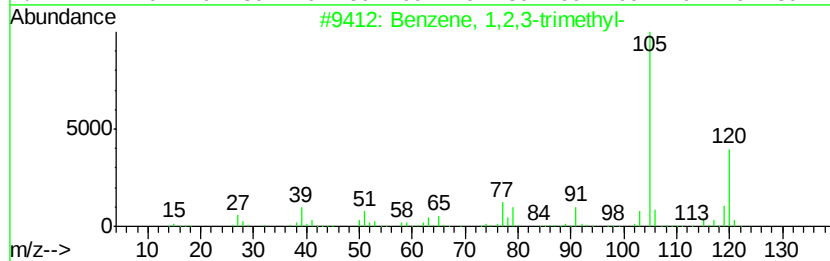
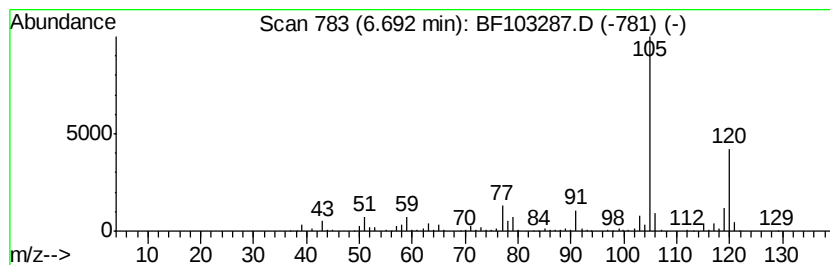
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	15.47 ng	912564	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	93
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
Sample : J1683-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

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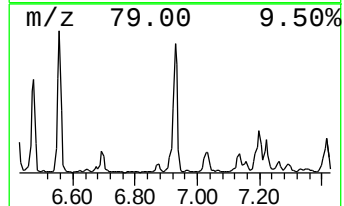
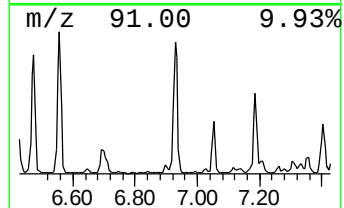
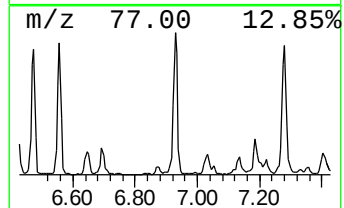
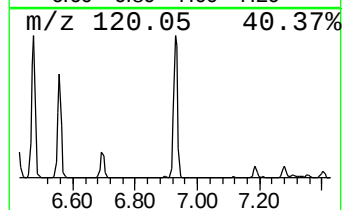
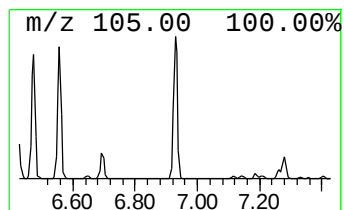
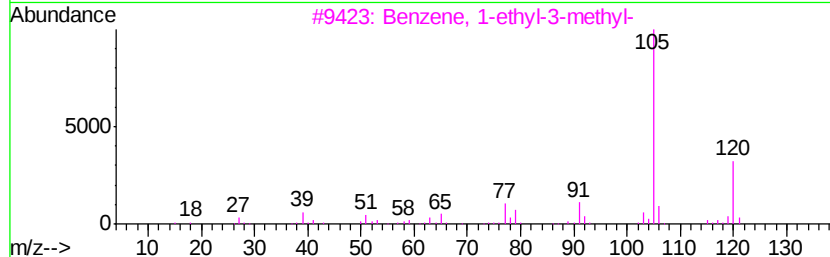
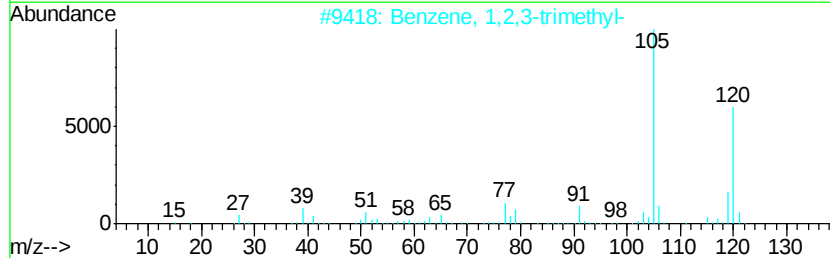
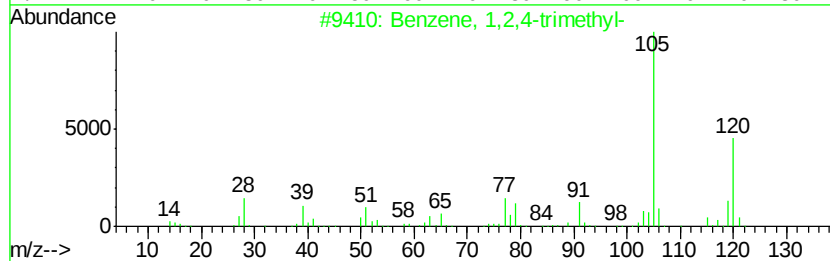
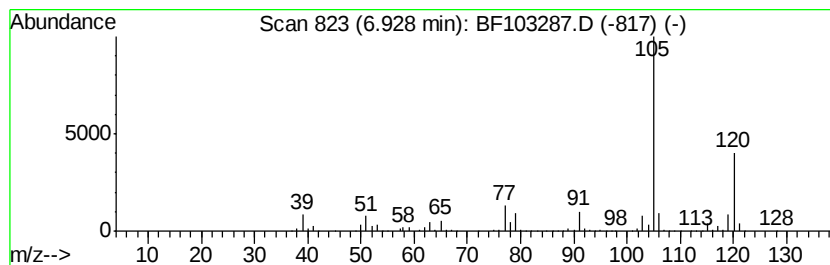
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	63.12 ng	3724060	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
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Instrument :
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ClientSampleId :
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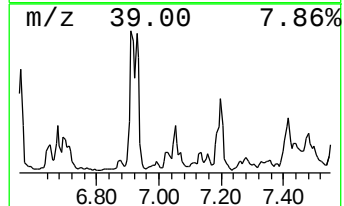
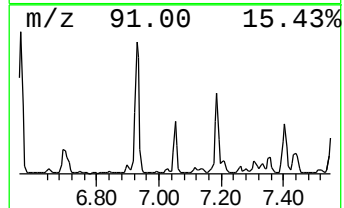
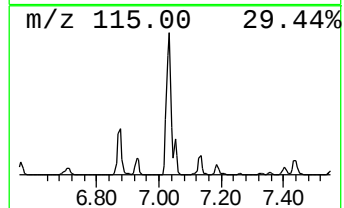
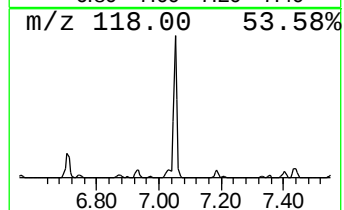
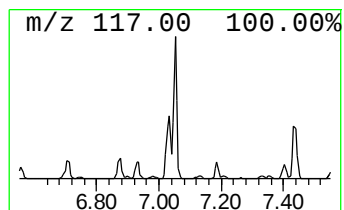
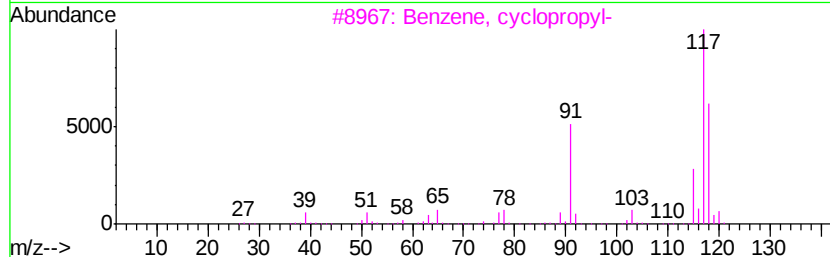
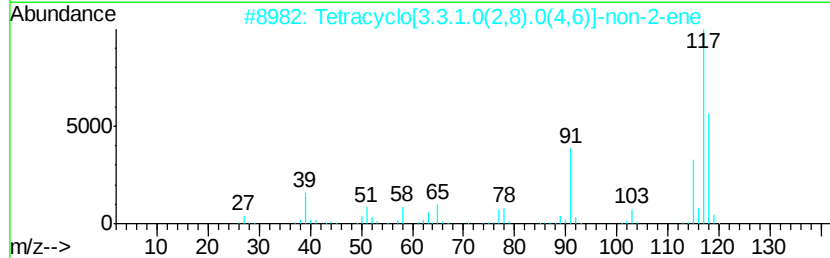
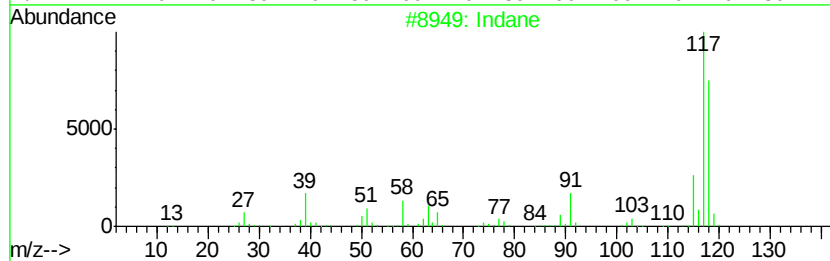
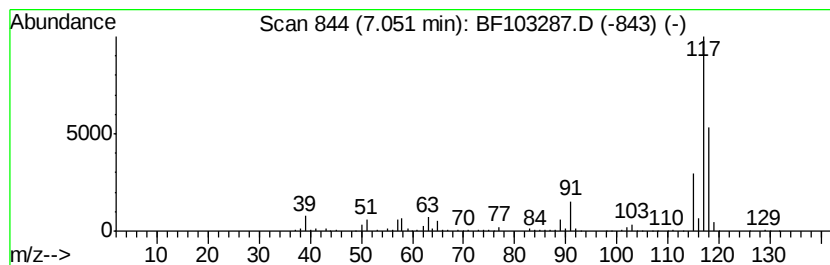
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	13.25 ng	781834	1,4-Dichlorobenzene-d4	6.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	80
3	Benzene, cvclopovl-		118	C9H10	000873-49-4	72
4	Benzene, 1-ethenvl-2-methvl-		118	C9H10	000611-15-4	53
5	Benzene, (2-bromocyclopropyl)-		196	C9H9Br	036617-02-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
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Instrument :
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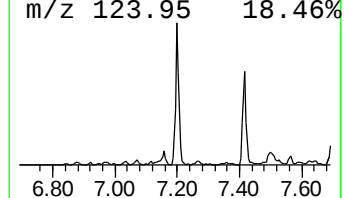
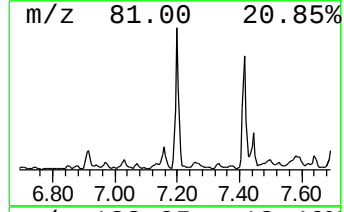
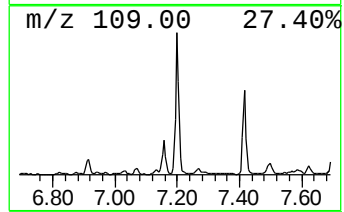
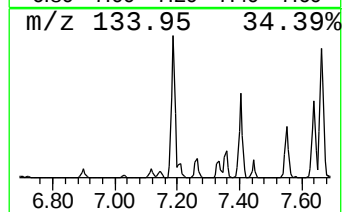
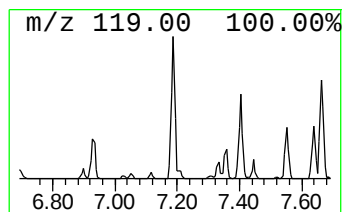
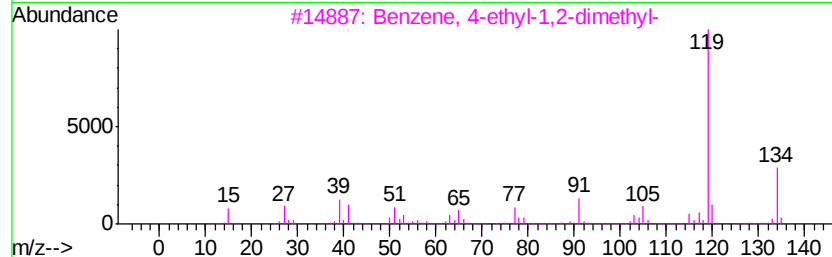
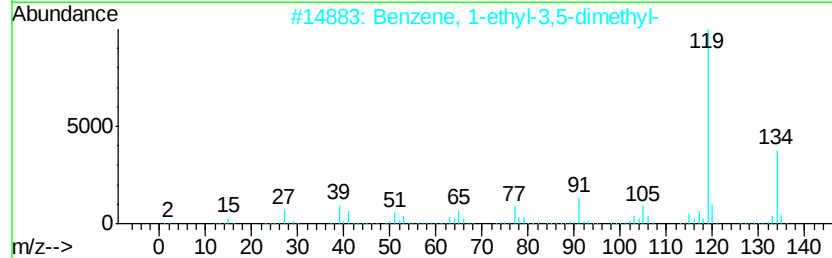
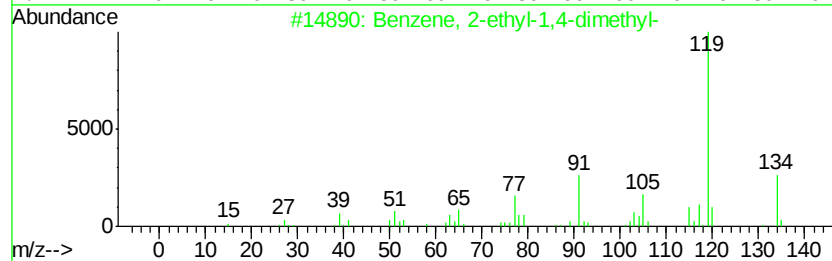
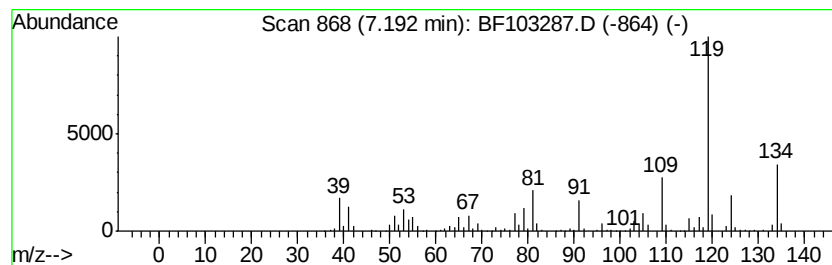
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	25.69 ng	1515650	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
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ClientSampleId :
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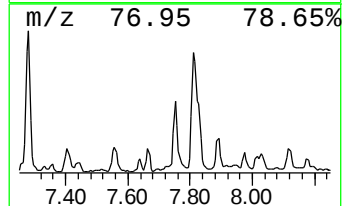
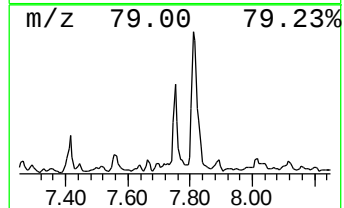
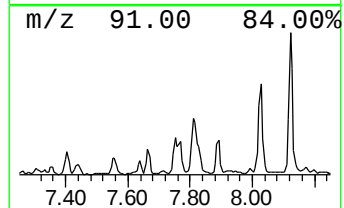
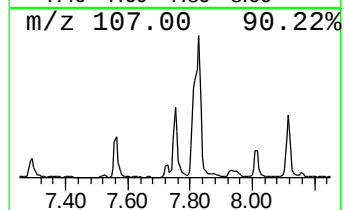
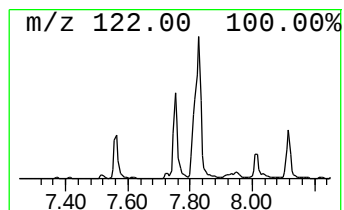
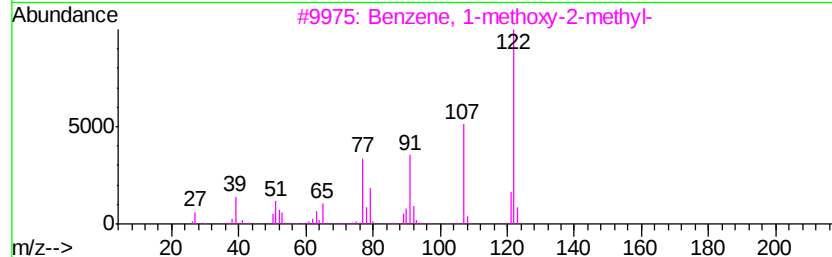
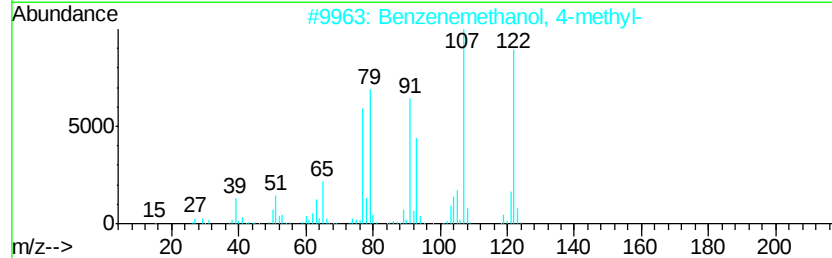
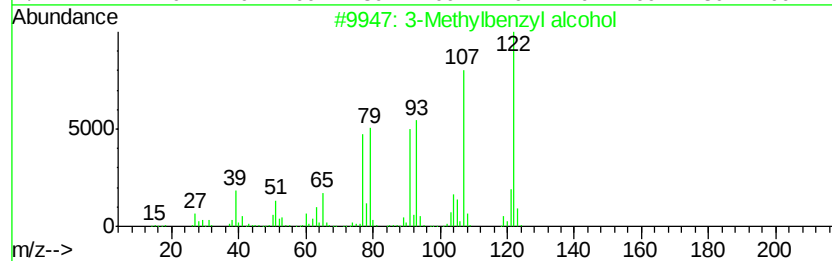
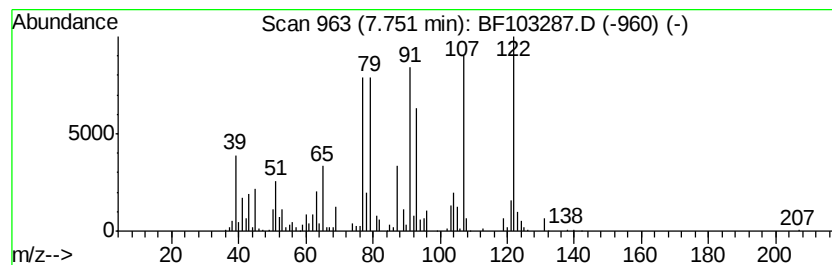
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 3-Methylbenzyl alcohol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	18.01 ng	1082580	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	97
2		Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	94
3		Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	86
4		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	62
5		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
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Acq On : 28 Feb 2018 2:55
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ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
RFK-RMAB-MW12-GW

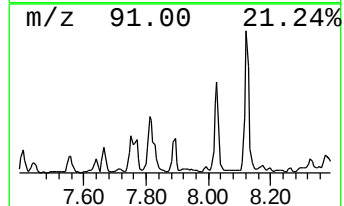
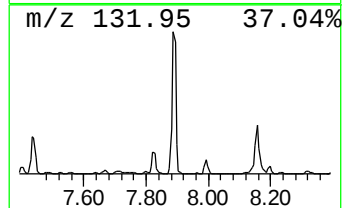
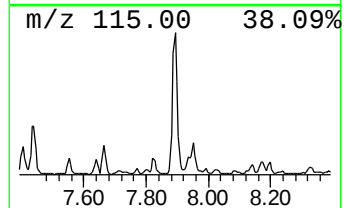
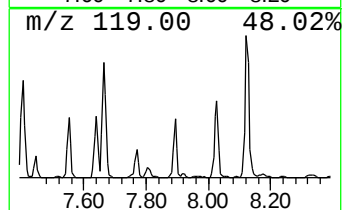
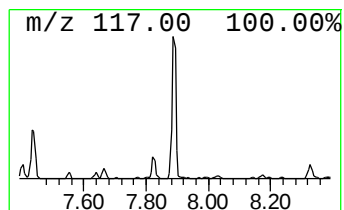
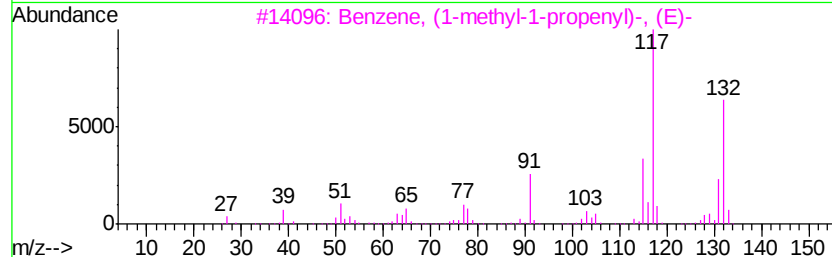
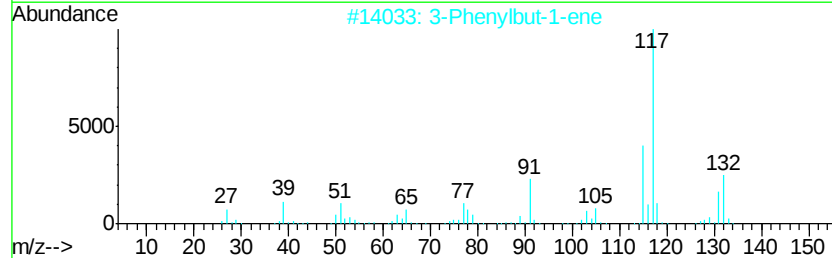
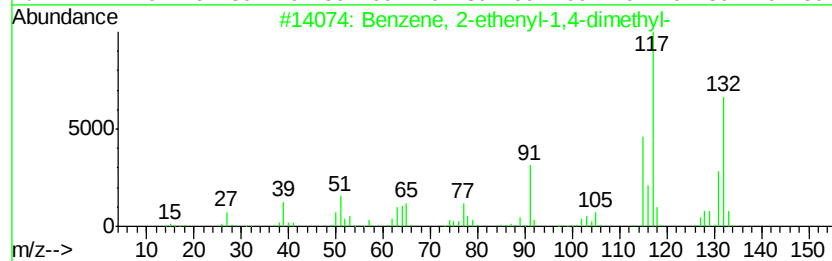
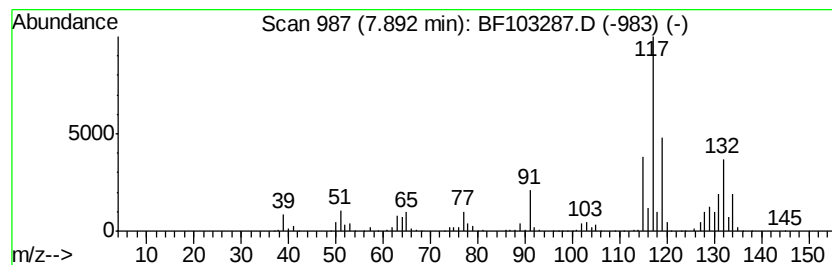
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	21.03 ng	1264160	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
Sample : J1683-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RFK-RMAB-MW12-GW

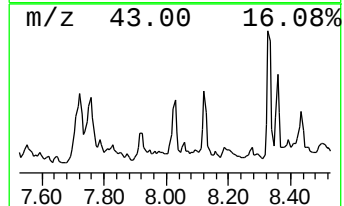
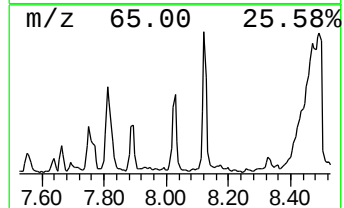
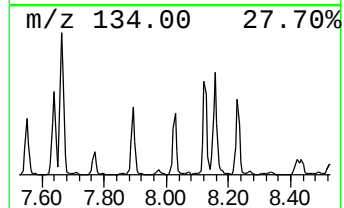
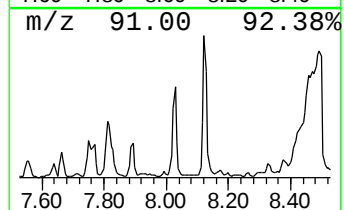
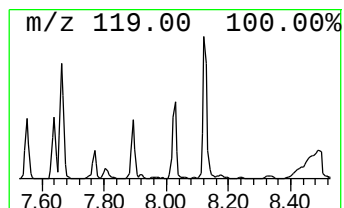
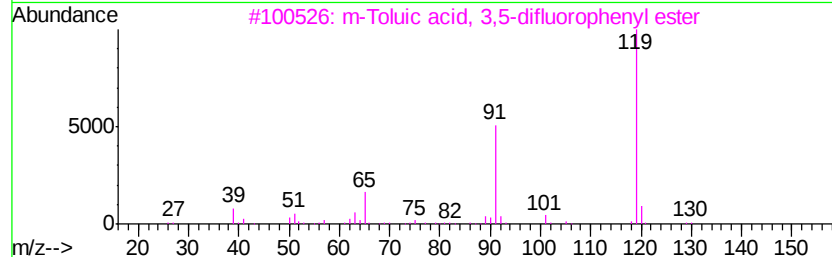
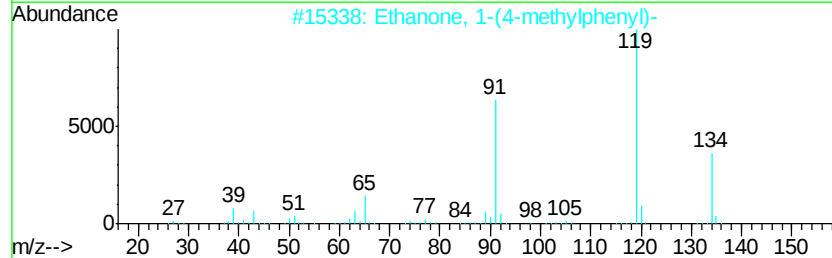
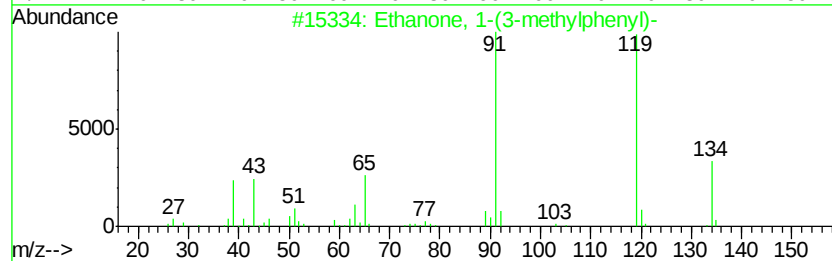
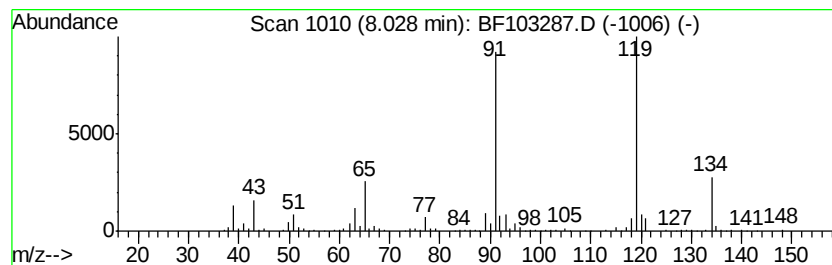
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Ethanone, 1-(3-methylphenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	12.92 ng	776164	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	95
2		Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	94
3		m-Toluic acid, 3,5-difluorophenyl...	248	C14H10F2O2	1000293-76-6	72
4		Benzoic acid, 2-methyl-, 4-acetyl...	254	C16H14O3	306743-67-9	59
5		Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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ClientSampleId :
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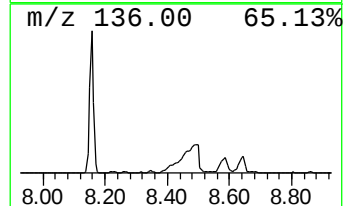
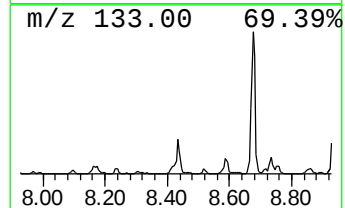
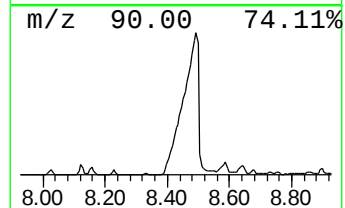
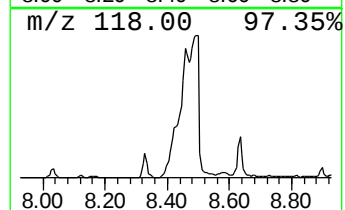
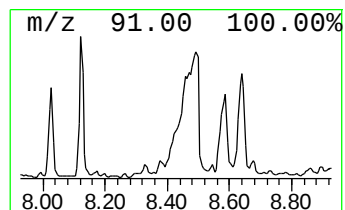
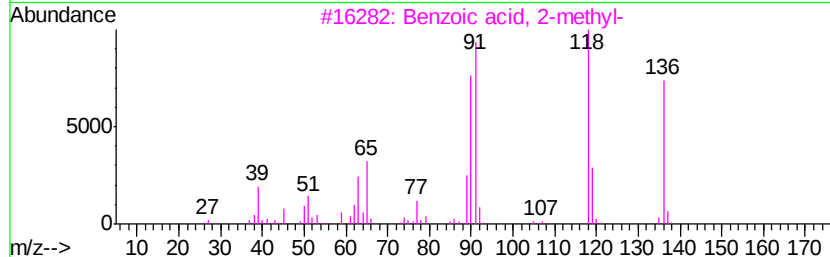
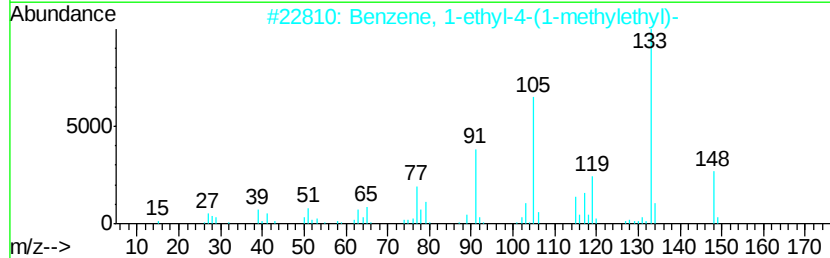
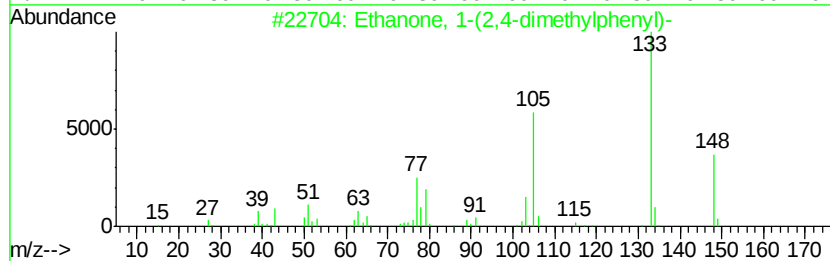
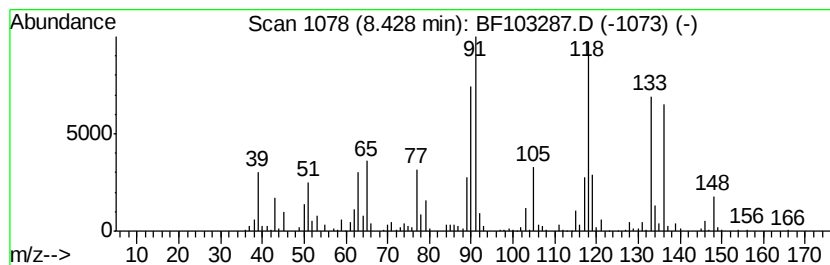
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Ethanone, 1-(2,4-dimethylph... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	21.81 ng	1310960	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	83
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3		Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	66
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	55
5		m-Ethylacetophenone	148	C10H12O	022699-70-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103287.D
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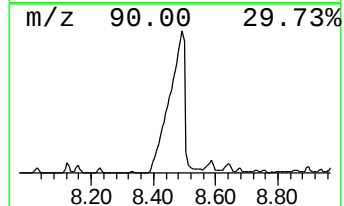
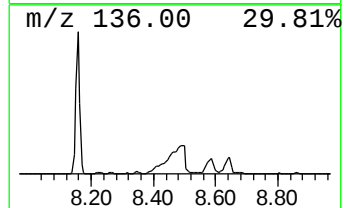
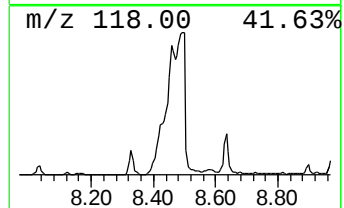
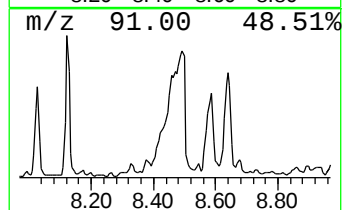
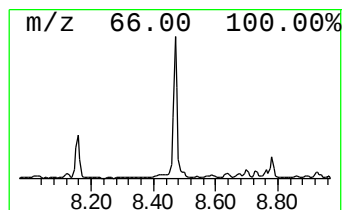
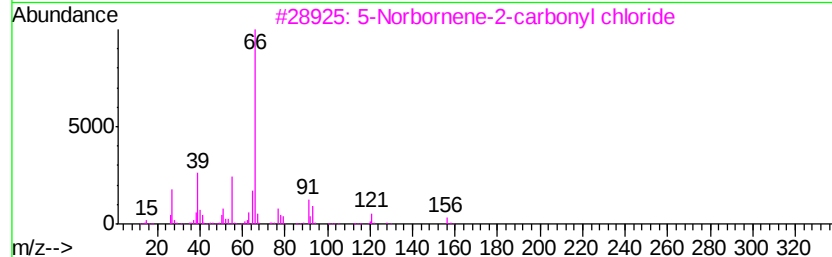
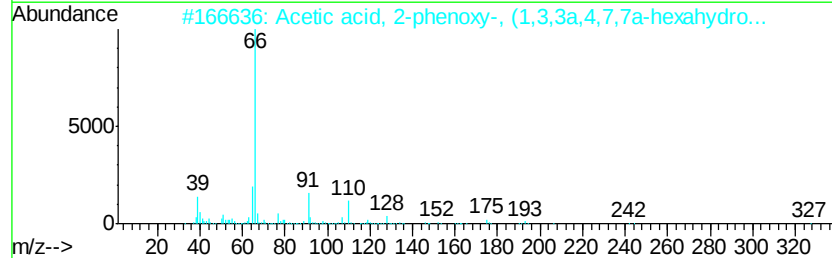
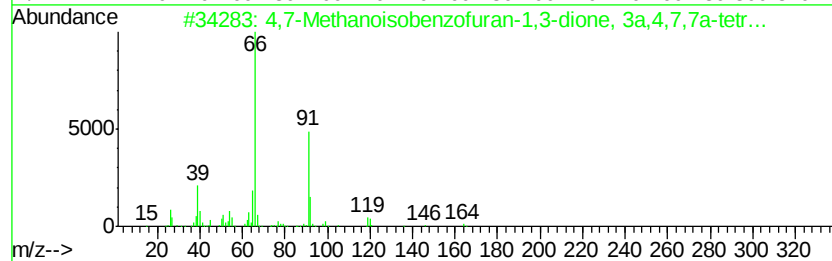
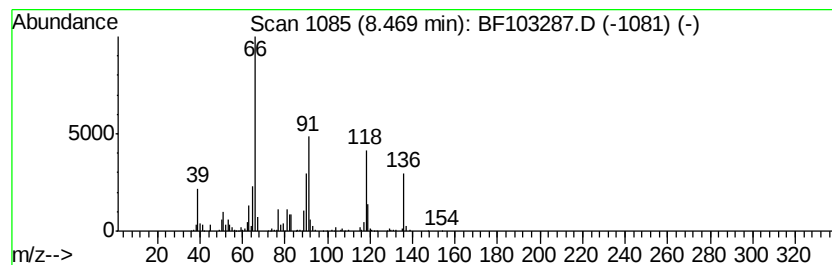
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 4,7-Methanoisobenzofuran-1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	16.70 ng	1003890	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	59
2		Acetic acid, 2-phenoxy-, (1,3,3a...	327	C18H17NO5	1000265-61-8	59
3		5-Norbornene-2-carbonyl chloride	156	C8H9ClO	027063-48-5	59
4		1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	53
5		3-Azatricyclo[4.2.1.0(2,5)]non-7...	135	C8H9NO	014805-31-3	45



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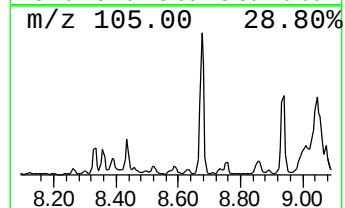
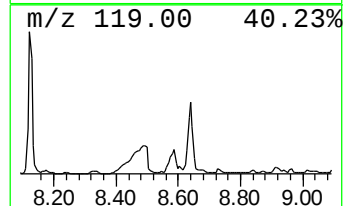
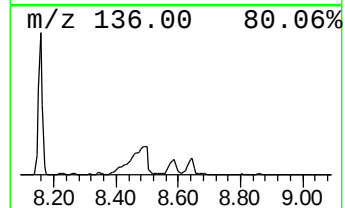
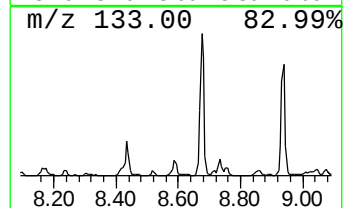
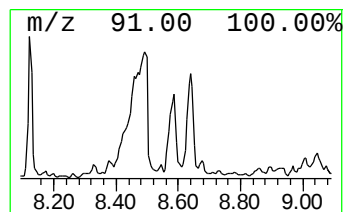
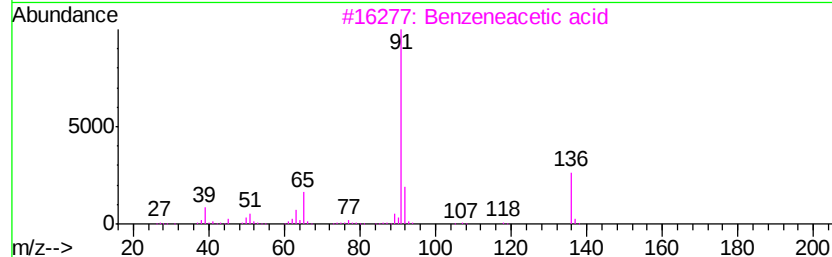
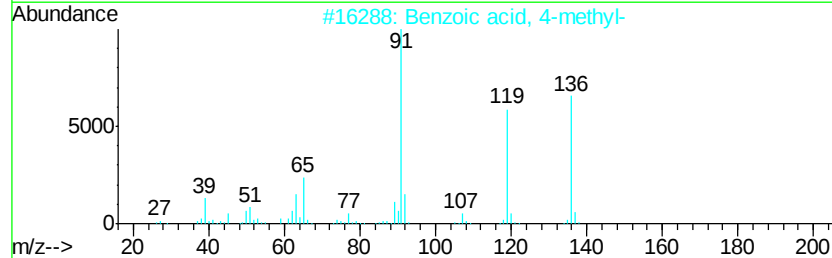
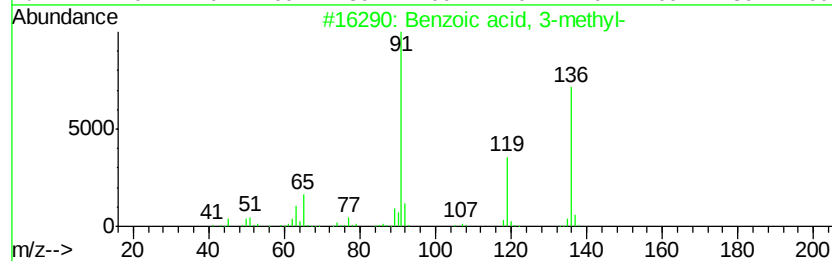
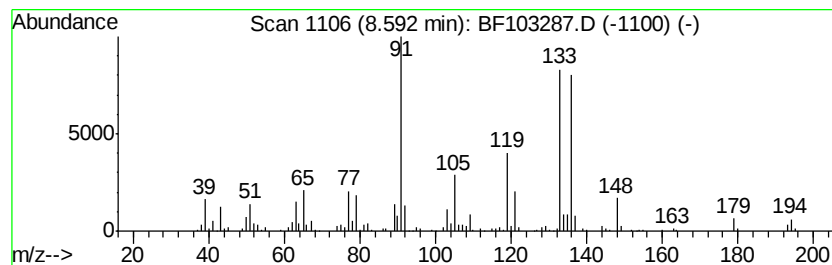
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzoic acid, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	14.52 ng	872640	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	92
2		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	64
3		Benzeneacetic acid	136	C8H8O2	000103-82-2	55
4		Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	55
5		Benzaldehyde, 4-propyl-	148	C10H12O	028785-06-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
RFK-RMAB-MW12-GW

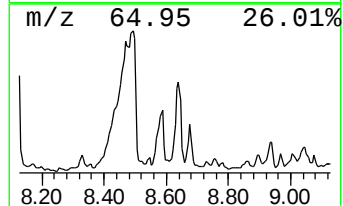
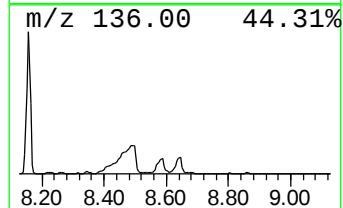
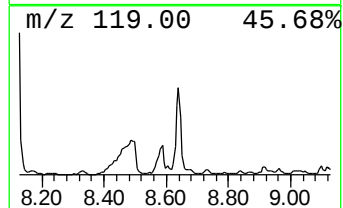
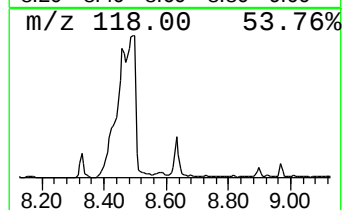
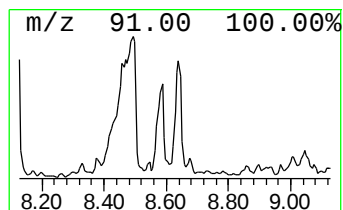
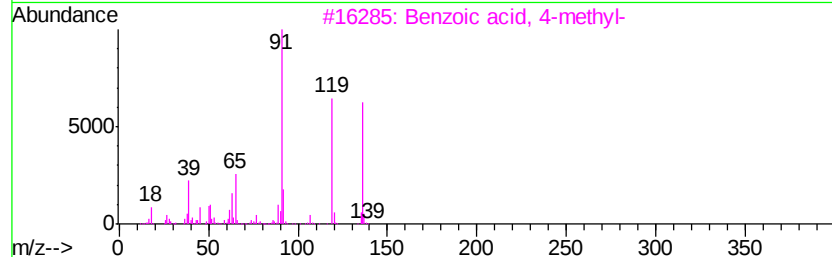
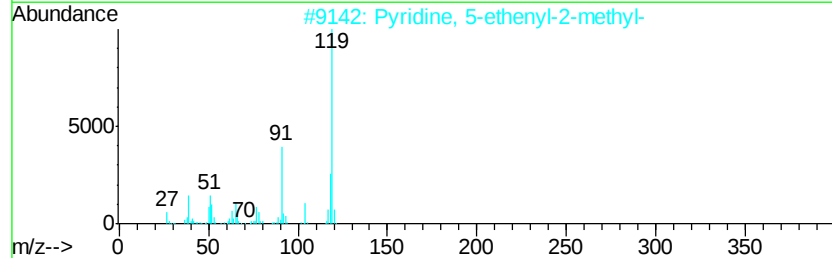
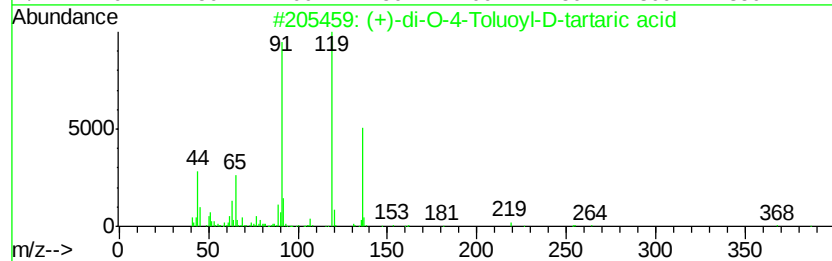
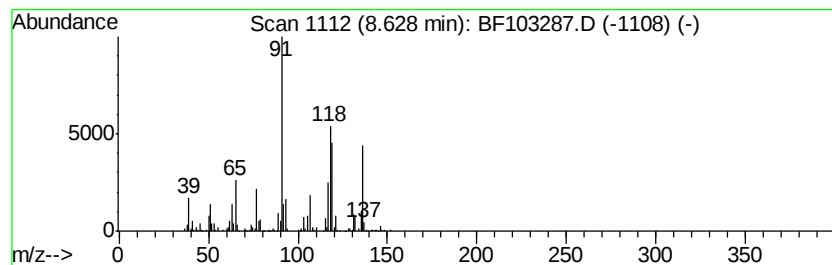
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown8.63 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	21.18 ng	1273020	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-di-O-4-Toluoyl-D-tartaric acid	386	C20H18O8	032634-68-7	49
2		Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	49
3		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	46
4		Bicyclo[4.2.0]octa-1,3,5-trien-7-ol	120	C8H8O	035447-99-5	43
5		Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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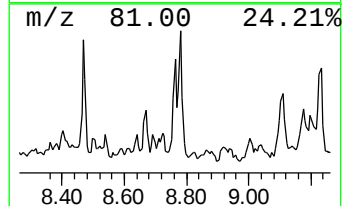
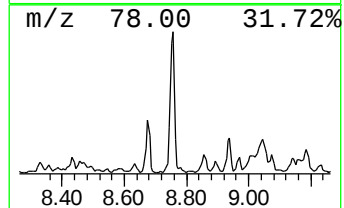
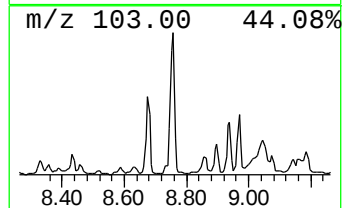
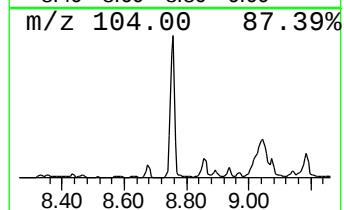
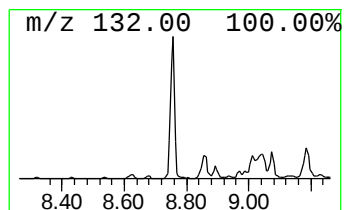
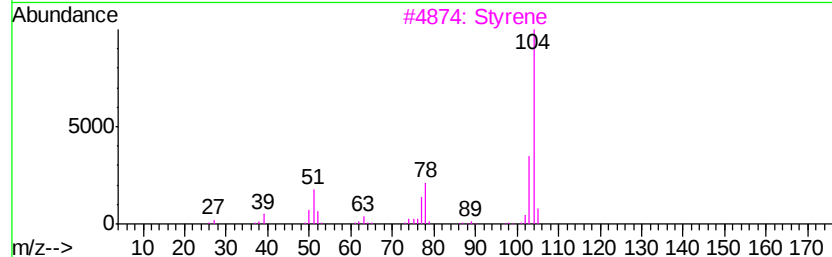
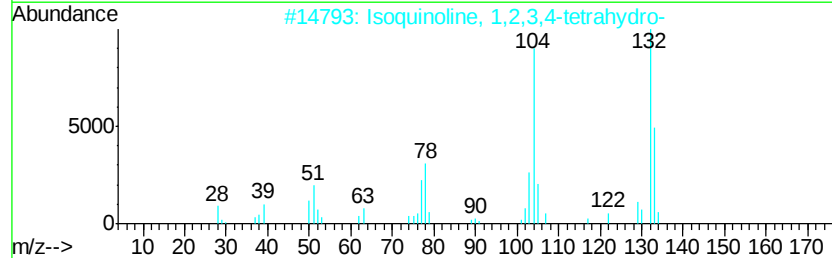
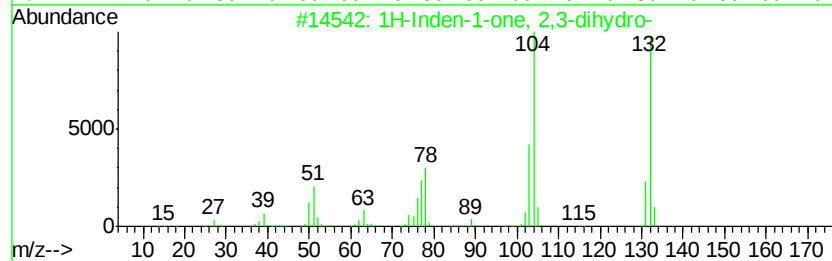
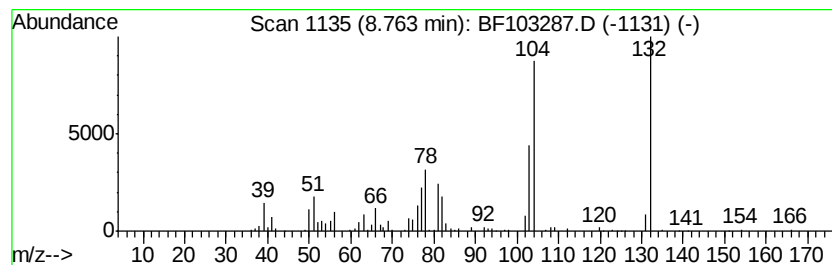
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.76	20.62 ng	1239010	Napthalene-d8	8.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
2	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	72
3	Stvrene	104	C8H8	000100-42-5	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	64
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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RFK-RMAB-MW12-GW

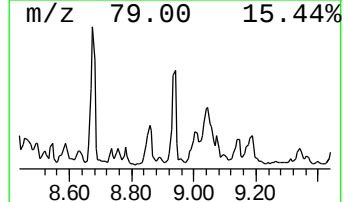
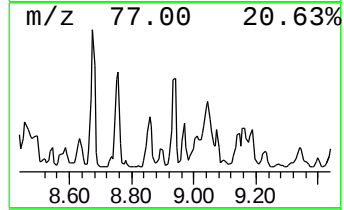
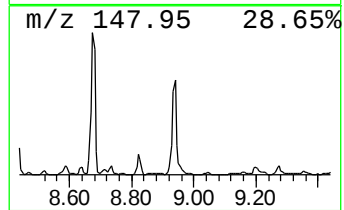
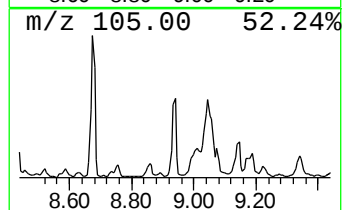
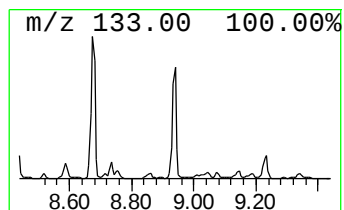
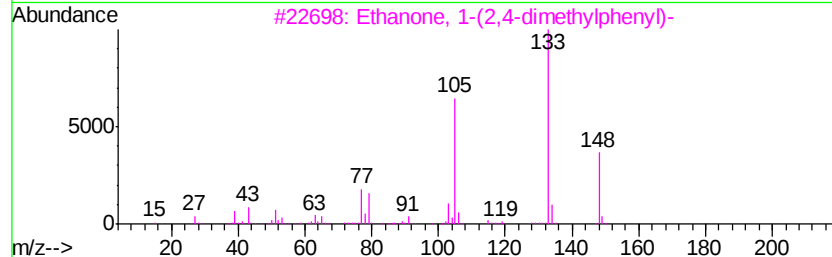
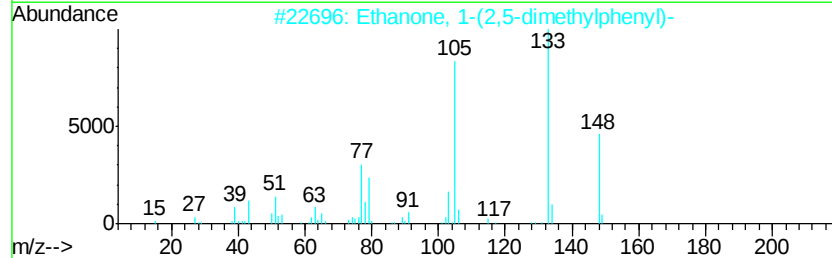
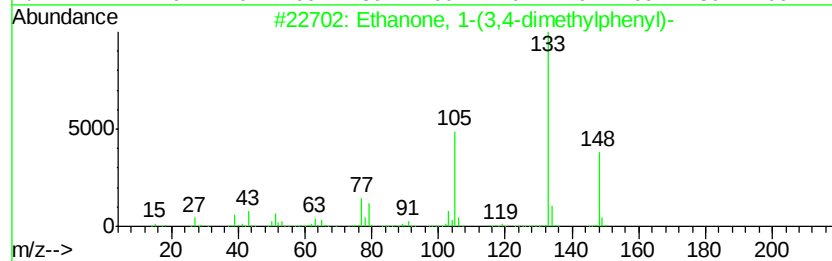
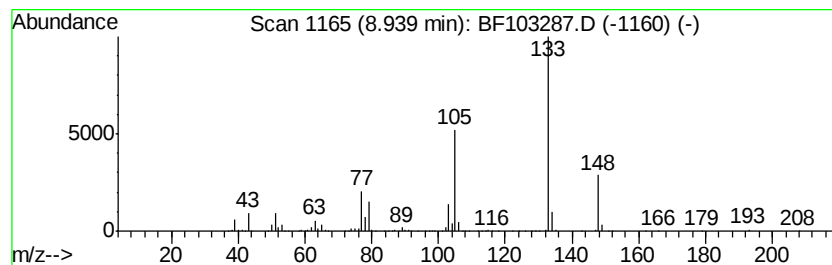
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Ethanone, 1-(3,4-dimethylph... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	18.20 ng	1094060	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	95
2		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	94
3		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	93
4		Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	91
5		m-Ethylacetophenone	148	C10H12O	022699-70-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
Sample : J1683-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

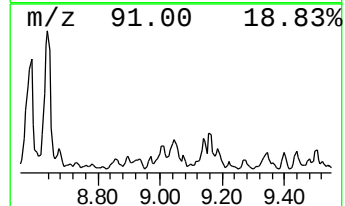
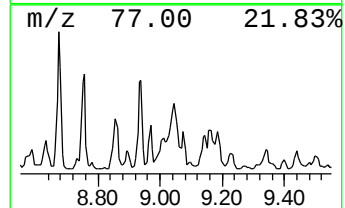
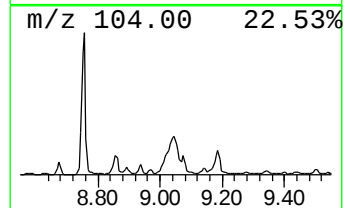
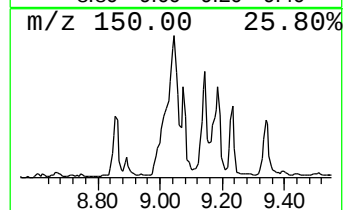
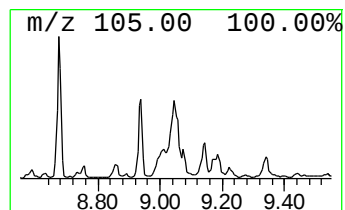
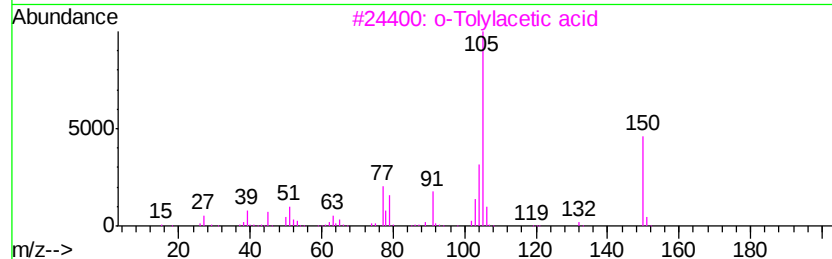
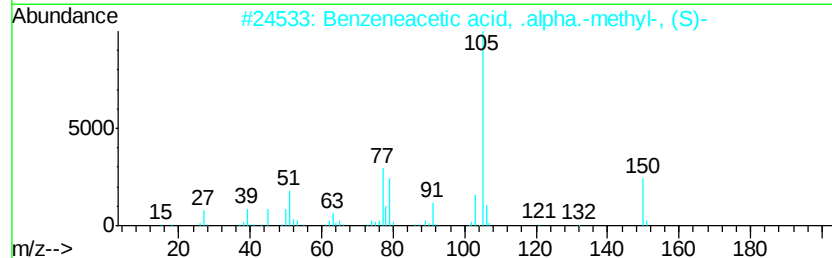
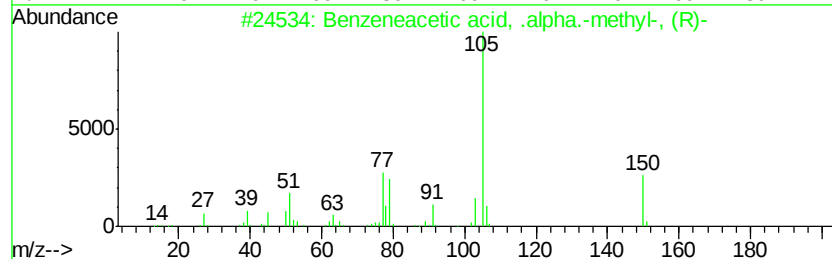
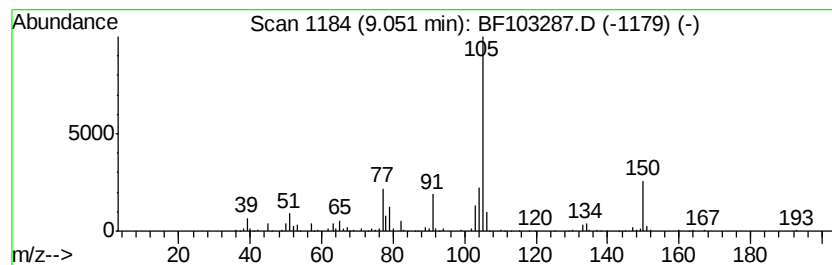
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzeneacetic acid, .alpha.... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	22.33 ng	1375090	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	93
2		Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	93
3		o-Tolylacetic acid	150	C9H10O2	000644-36-0	93
4		m-Tolylacetic acid	150	C9H10O2	000621-36-3	86
5		Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
 Data File : BF103287.D
 Acq On : 28 Feb 2018 2:55
 Operator : SJ/JU
 Sample : J1683-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW12-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	19.5	ng	1152030	1	6.87	1180060	20.0
Benzene, 1,3-dime...	5.74	165.9	ng	9787440	1	6.87	1180060	20.0
Benzene, 1-ethyl-...	6.39	21.1	ng	1245940	1	6.87	1180060	20.0
unknown6.65	6.65	59.4	ng	3503590	1	6.87	1180060	20.0
Benzene, 1,2,3-tr...	6.69	15.5	ng	912564	1	6.87	1180060	20.0
Benzene, 1,2,4-tr...	6.93	63.1	ng	3724060	1	6.87	1180060	20.0
Indane	7.05	13.3	ng	781834	1	6.87	1180060	20.0
Benzene, 2-ethyl-...	7.19	25.7	ng	1515650	1	6.87	1180060	20.0
3-Methylbenzyl al...	7.75	18.0	ng	1082580	2	8.16	1201960	20.0
Benzene, 2-etheny...	7.89	21.0	ng	1264160	2	8.16	1201960	20.0
Ethanone, 1-(3-me...	8.03	12.9	ng	776164	2	8.16	1201960	20.0
Ethanone, 1-(2,4-...	8.43	21.8	ng	1310960	2	8.16	1201960	20.0
4,7-Methanoisoben...	8.47	16.7	ng	1003890	2	8.16	1201960	20.0
Benzoic acid, 3-m...	8.59	14.5	ng	872640	2	8.16	1201960	20.0
unknown8.63	8.63	21.2	ng	1273020	2	8.16	1201960	20.0
1H-Inden-1-one, 2...	8.76	20.6	ng	1239010	2	8.16	1201960	20.0
Ethanone, 1-(3,4-...	8.94	18.2	ng	1094060	2	8.16	1201960	20.0
Benzeneacetic aci...	9.05	22.3	ng	1375090	3	9.91	1231630	20.0