

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091077.D
 Acq On : 8 Nov 2016 11:55
 Operator : UM/SJ
 Sample : H5536-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW10-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-BF110316.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	1.756	4	6	38	rVB	3471700	8652590	100.00%	6.404%
2	2.624	79	82	84	rBV	111503	178242	2.06%	0.132%
3	2.978	106	113	116	rBV	65491	156792	1.81%	0.116%
4	3.127	121	126	133	rBV2	130558	279228	3.23%	0.207%
5	4.007	198	203	209	rBV3	170731	450440	5.21%	0.333%
6	4.099	209	211	214	rVV	187039	336377	3.89%	0.249%
7	4.270	221	226	230	rBV2	106129	196935	2.28%	0.146%
8	4.704	261	264	269	rVB2	77153	154670	1.79%	0.114%
9	4.796	269	272	275	rBV	307587	492910	5.70%	0.365%
10	4.853	275	277	281	rVV3	129925	262218	3.03%	0.194%
11	5.082	295	297	300	rVB2	69058	156365	1.81%	0.116%
12	5.207	305	308	310	rBV	214331	325097	3.76%	0.241%
13	5.253	310	312	319	rVB	2041604	2630310	30.40%	1.947%
14	5.470	329	331	332	rBV	370065	519152	6.00%	0.384%
15	5.790	356	359	361	rBV3	80227	148472	1.72%	0.110%
16	5.893	365	368	371	rVB2	72587	155438	1.80%	0.115%
17	5.973	371	375	379	rBV4	69422	157707	1.82%	0.117%
18	6.144	388	390	392	rBV	137895	211636	2.45%	0.157%
19	6.213	394	396	398	rVB	563219	685953	7.93%	0.508%
20	6.259	398	400	401	rBV	1144409	1177930	13.61%	0.872%
21	6.316	401	405	406	rBV	1631643	1799194	20.79%	1.332%
22	6.339	406	407	410	rVB	3057202	2568302	29.68%	1.901%
23	6.430	412	415	418	rBV	4218183	4475931	51.73%	3.313%
24	6.487	418	420	422	rBV	4991188	4646586	53.70%	3.439%
25	6.613	427	431	433	rBV3	116059	202585	2.34%	0.150%
26	6.659	433	435	437	rBV	1272552	1218303	14.08%	0.902%
27	6.693	437	438	439	rBV	212159	215041	2.49%	0.159%
28	6.716	439	440	445	rVB	1510977	1687749	19.51%	1.249%
29	6.819	446	449	453	rVB2	4516160	7018822	81.12%	5.195%
30	6.922	455	458	459	rBV	1823842	2129724	24.61%	1.576%
31	6.945	459	460	462	rVB	722202	595333	6.88%	0.441%
32	6.990	462	464	468	rVB	2758337	3103000	35.86%	2.297%
33	7.059	468	470	473	rBV	1001699	1004969	11.61%	0.744%
34	7.139	475	477	481	rBV	1889455	3291495	38.04%	2.436%

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35	7.207	481	483	484	rBV	3063495	4037314	46.66%	2.988%
36	7.242	484	486	488	rVB	4246498	5107114	59.02%	3.780%
37	7.276	488	489	491	rVB2	322280	250759	2.90%	0.186%
38	7.322	491	493	494	rBV	367540	413812	4.78%	0.306%
39	7.356	494	496	497	rVB	641089	598671	6.92%	0.443%
40	7.390	497	499	500	rVB	162293	201168	2.32%	0.149%
41	7.447	500	504	505	rBV	1778385	2838160	32.80%	2.101%
42	7.470	505	506	508	rVB	3466483	2452816	28.35%	1.815%
43	7.516	508	510	512	rBV2	313734	337303	3.90%	0.250%
44	7.562	512	514	517	rBV2	553817	1039947	12.02%	0.770%
45	7.619	517	519	523	rVB2	1420832	2264888	26.18%	1.676%
46	7.688	523	525	527	rBV2	2834154	3512275	40.59%	2.599%
47	7.722	527	528	530	rVB2	592305	721170	8.33%	0.534%
48	7.779	530	533	535	rVB4	550409	1190558	13.76%	0.881%
49	7.825	535	537	539	rVB	683236	699810	8.09%	0.518%
50	7.950	541	548	549	rBV2	2389317	4253963	49.16%	3.148%
51	8.042	555	556	558	rVB	436339	416835	4.82%	0.309%
52	8.088	558	560	561	rBV2	107686	200444	2.32%	0.148%
53	8.110	561	562	563	rVV	194175	205893	2.38%	0.152%
54	8.133	563	564	565	rVV	451616	472855	5.46%	0.350%
55	8.225	568	572	578	rVV6	649953	2304194	26.63%	1.705%
56	8.305	578	579	580	rVV	227746	286834	3.32%	0.212%
57	8.339	580	582	584	rVV	1037065	1052225	12.16%	0.779%
58	8.373	584	585	587	rVV2	379068	685502	7.92%	0.507%
59	8.419	587	589	591	rVV	766133	1025996	11.86%	0.759%
60	8.453	591	592	596	rVV4	417059	773137	8.94%	0.572%
61	8.545	596	600	602	rVV3	2051494	2525816	29.19%	1.869%
62	8.613	605	606	607	rVV	459627	377132	4.36%	0.279%
63	8.648	607	609	611	rVV2	373090	791870	9.15%	0.586%
64	8.693	611	613	614	rVV	1037745	1030408	11.91%	0.763%
65	8.762	616	619	621	rVV2	2671294	2832279	32.73%	2.096%
66	8.796	621	622	623	rVV	311506	329553	3.81%	0.244%
67	8.842	623	626	632	rVV3	632726	1885698	21.79%	1.396%
68	8.933	632	634	637	rVV2	422807	878235	10.15%	0.650%
69	8.979	637	638	640	rVV2	257587	302945	3.50%	0.224%
70	9.036	640	643	644	rVV	4529365	6715387	77.61%	4.970%
71	9.059	644	645	648	rVB2	178466	208297	2.41%	0.154%

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72	9.116	648	650	652	rBV2	433533	495279	5.72%	0.367%
73	9.162	652	654	655	rVV2	144215	205215	2.37%	0.152%
74	9.196	655	657	659	rVV	542591	698140	8.07%	0.517%
75	9.265	659	663	666	rVV2	1077369	2336320	27.00%	1.729%
76	9.311	666	667	669	rVV	364748	565130	6.53%	0.418%
77	9.356	669	671	676	rVV4	809829	1798852	20.79%	1.331%
78	9.425	676	677	679	rVV2	209846	244309	2.82%	0.181%
79	9.482	679	682	686	rVB2	255389	704750	8.14%	0.522%
80	9.562	686	689	690	rBV	456777	521479	6.03%	0.386%
81	9.596	690	692	695	rVB2	281111	467895	5.41%	0.346%
82	9.642	695	696	698	rBV2	166724	168658	1.95%	0.125%
83	9.699	698	701	703	rBV	2352961	2216714	25.62%	1.641%
84	9.939	720	722	723	rBV2	136399	161075	1.86%	0.119%
85	10.065	731	733	737	rVB3	131350	295559	3.42%	0.219%
86	10.145	737	740	742	rBV4	196292	330273	3.82%	0.244%
87	10.305	752	754	757	rBV3	132302	161354	1.86%	0.119%
88	10.362	757	759	760	rVV	147075	147068	1.70%	0.109%
89	10.454	765	767	768	rVV	283327	427564	4.94%	0.316%
90	10.488	768	770	773	rVV	3231716	4060649	46.93%	3.005%
91	10.614	779	781	785	rVB	320219	514297	5.94%	0.381%
92	10.819	797	799	802	rVB3	96620	152361	1.76%	0.113%
93	11.059	818	820	821	rVB2	160014	144170	1.67%	0.107%
94	11.174	828	830	833	rBV	1614312	1616891	18.69%	1.197%
95	11.734	876	879	882	rVB3	136671	257193	2.97%	0.190%
96	12.762	966	969	972	rBV	4630694	6966663	80.52%	5.156%
97	13.334	1017	1019	1023	rVB2	113456	163456	1.89%	0.121%
98	13.665	1047	1048	1052	rVB2	203277	275584	3.18%	0.204%
99	13.802	1058	1060	1063	rVB	1305107	1480270	17.11%	1.096%
100	15.185	1178	1181	1183	rVB	814632	1031563	11.92%	0.763%

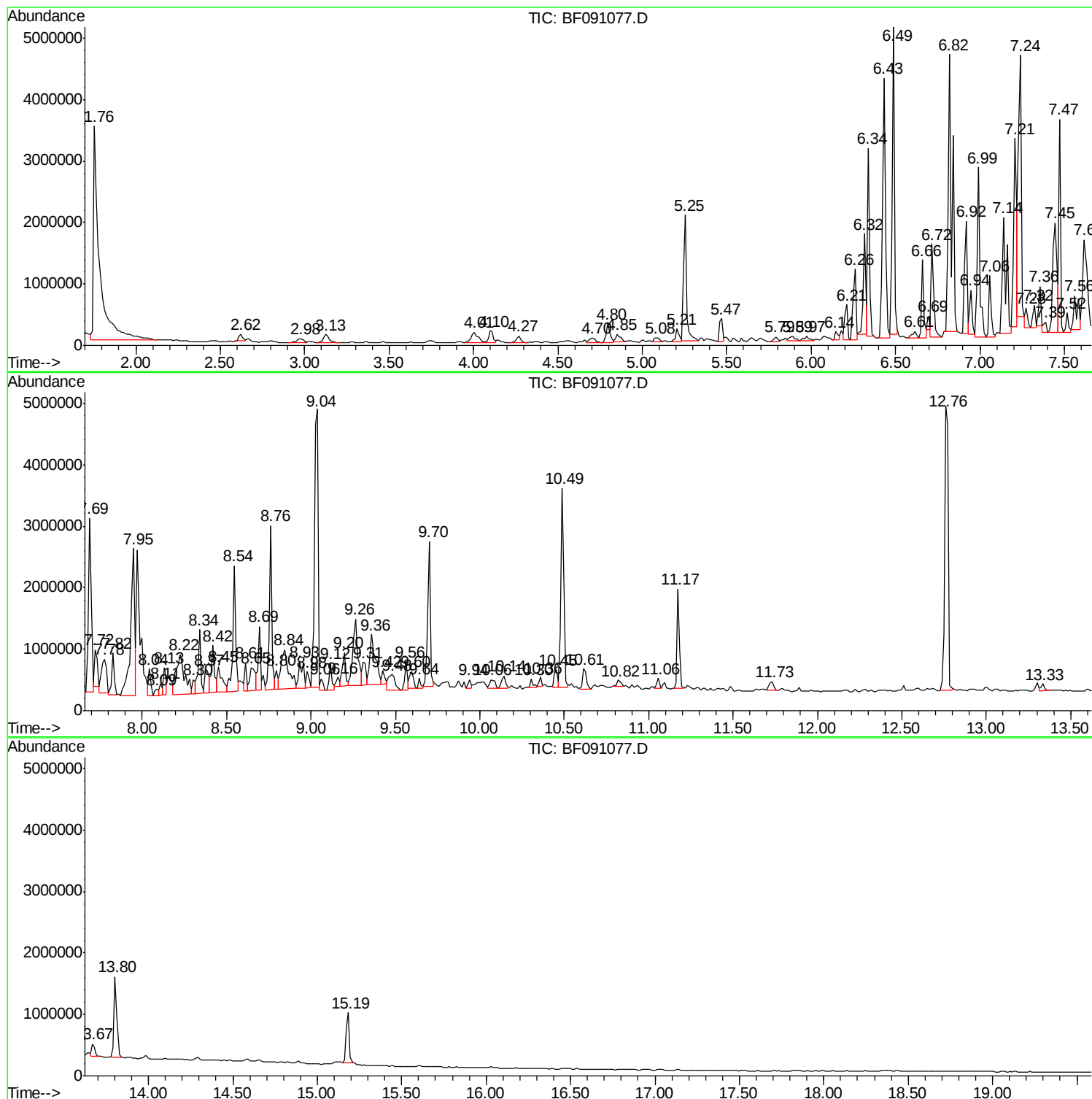
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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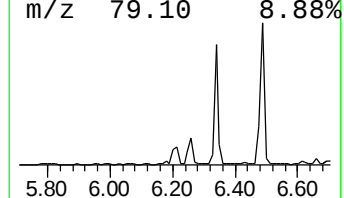
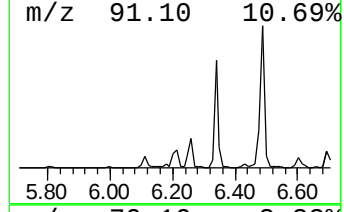
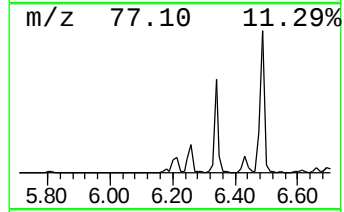
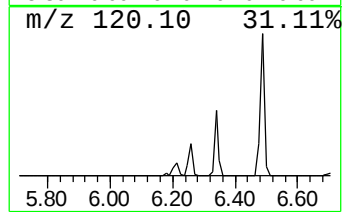
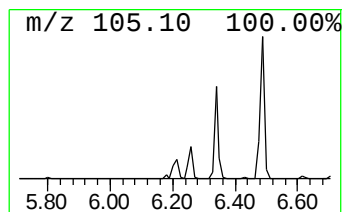
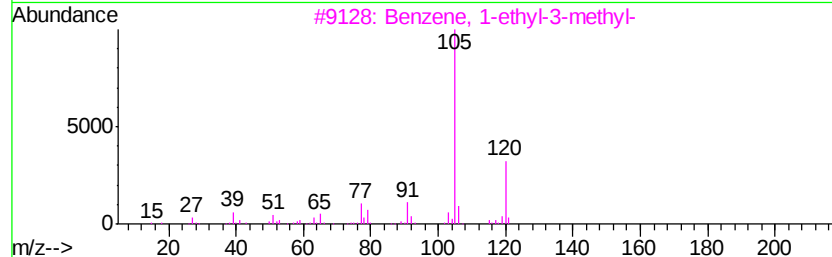
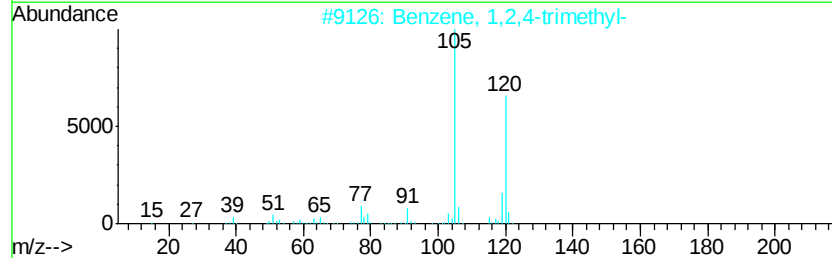
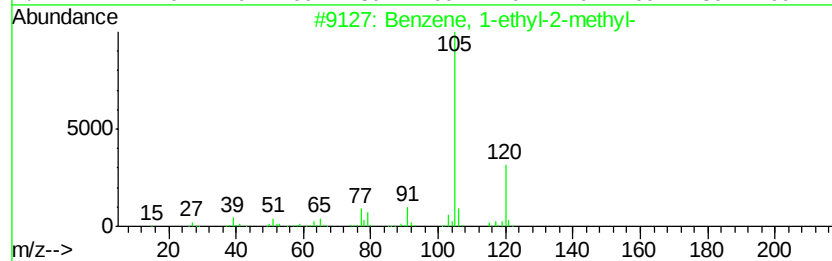
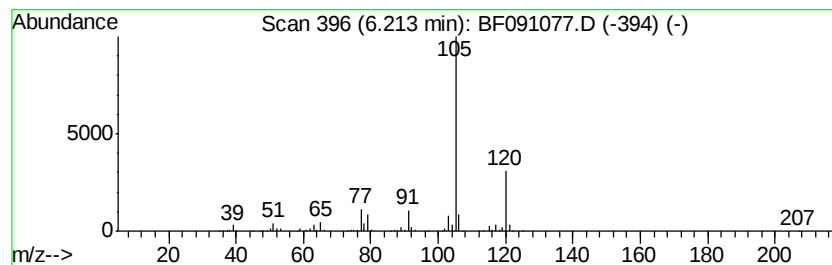
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	11.26 ng	685953	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90



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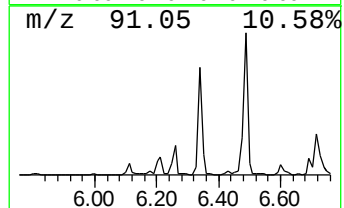
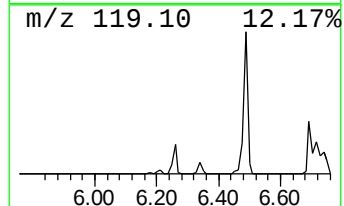
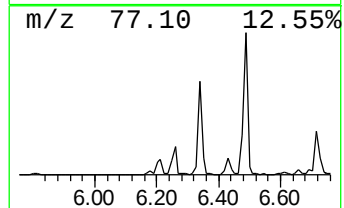
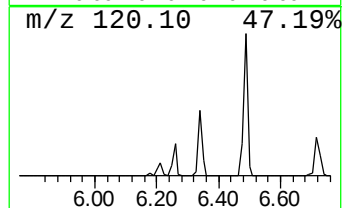
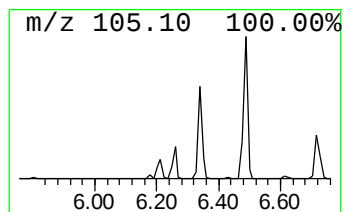
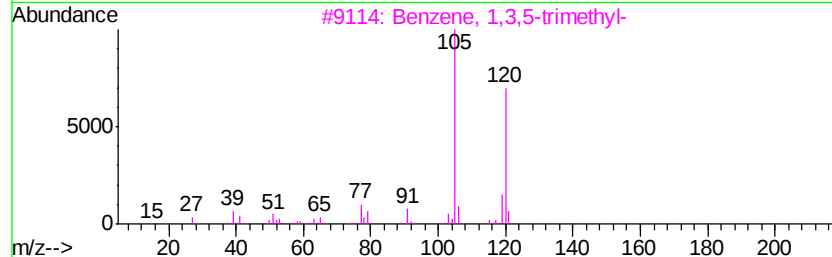
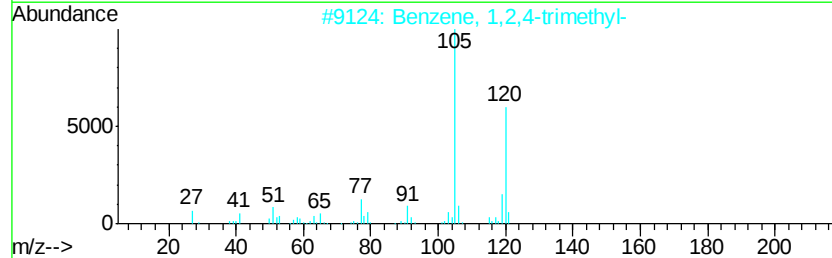
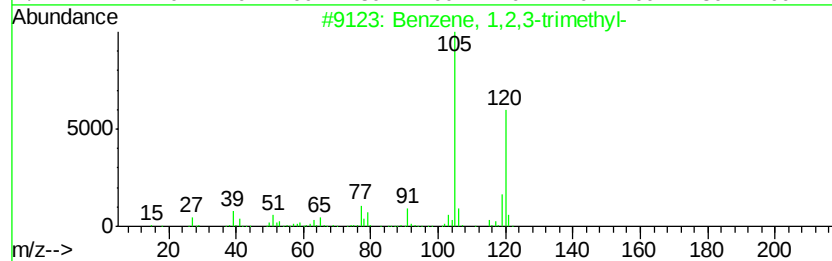
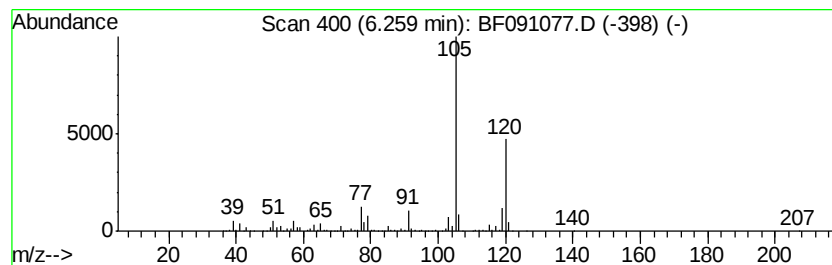
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	19.34 ng	1177930	1,4-Dichlorobenzene-d4	6.66

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		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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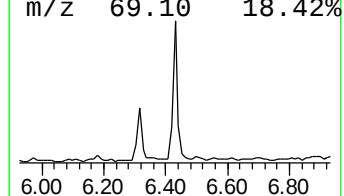
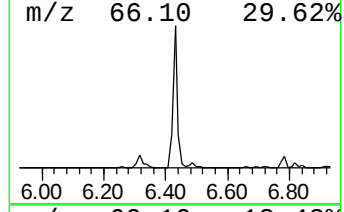
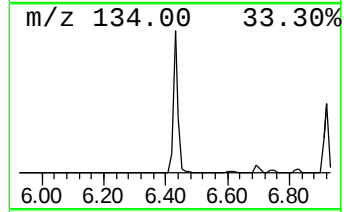
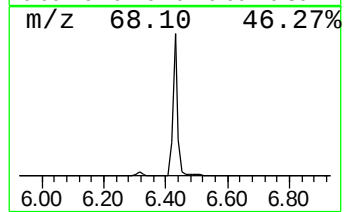
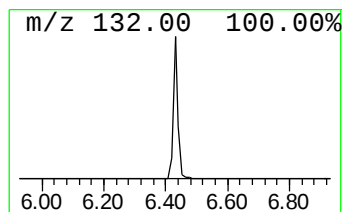
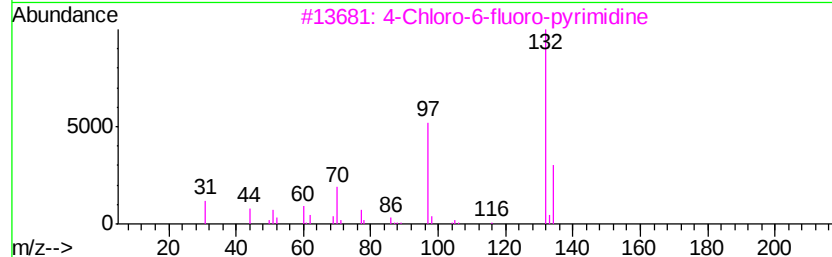
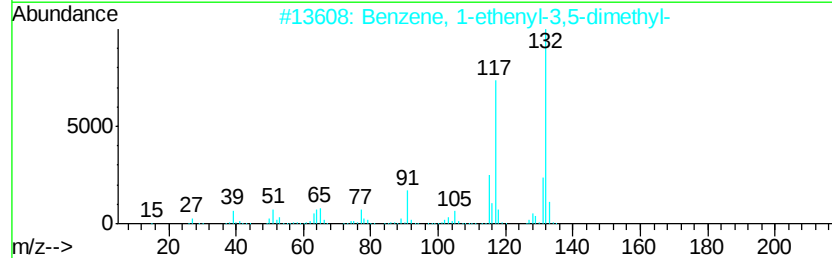
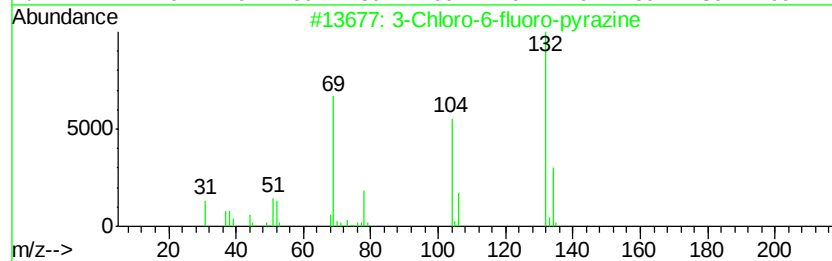
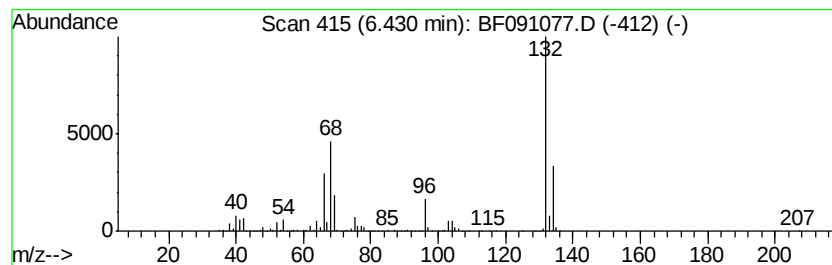
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	73.48 ng	4475930	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
Sample : H5536-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

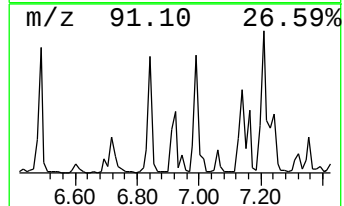
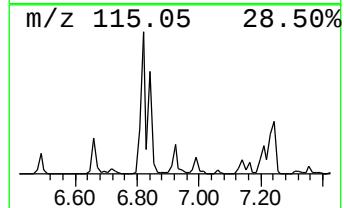
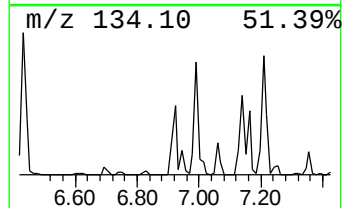
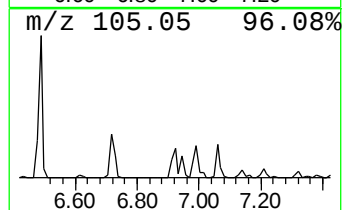
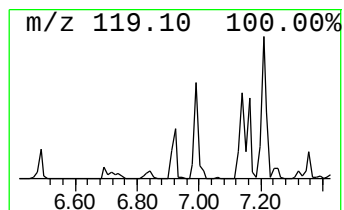
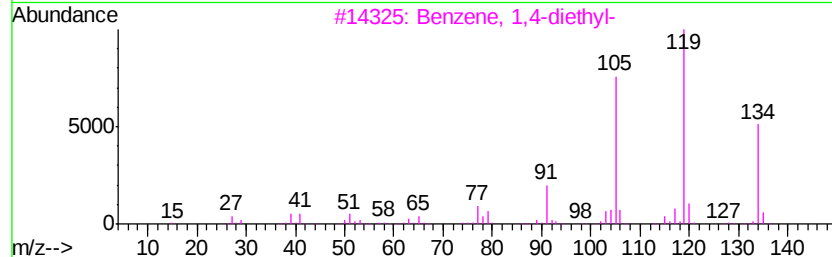
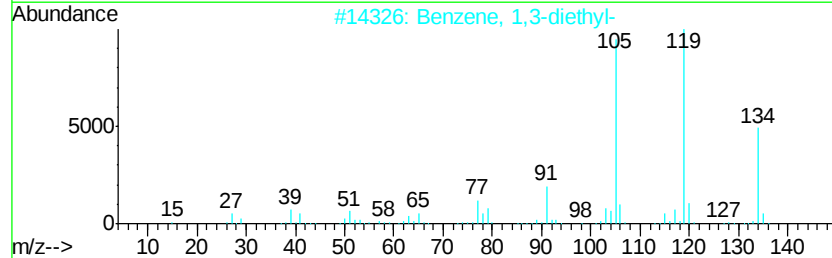
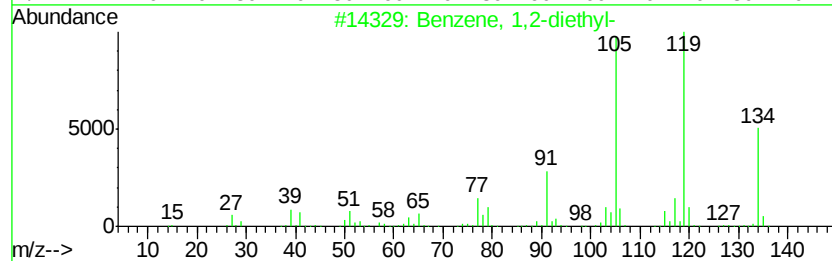
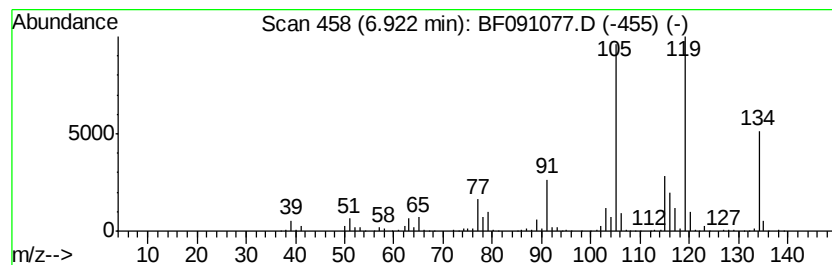
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	34.96 ng	2129720	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
Sample : H5536-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RMAB-MW10-GW

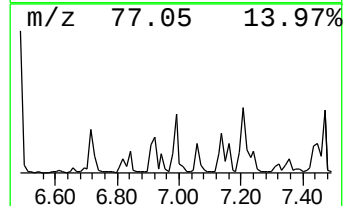
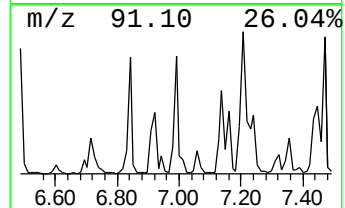
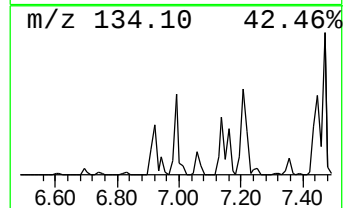
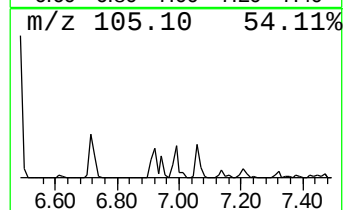
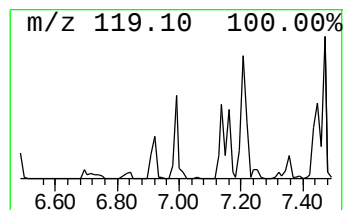
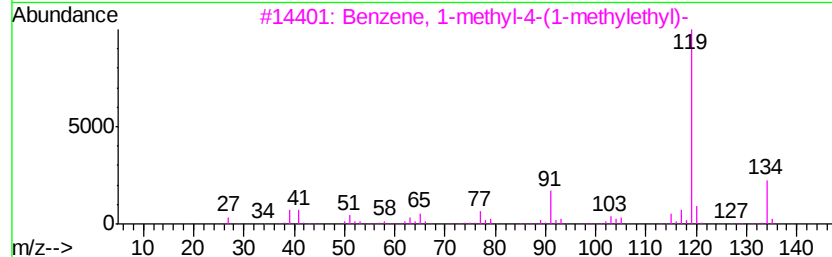
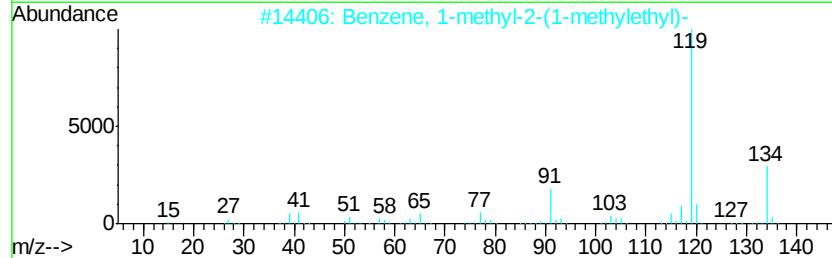
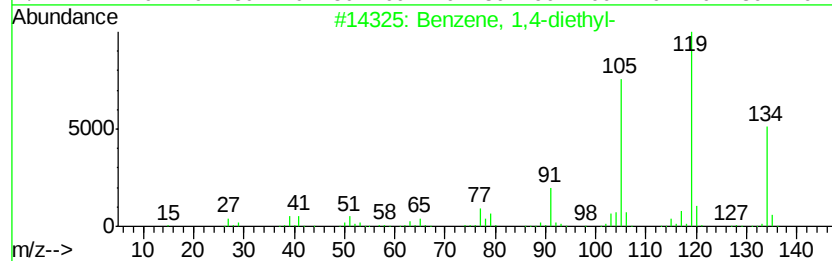
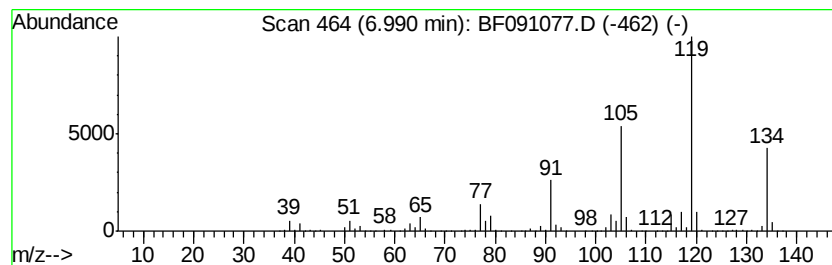
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	50.94 ng	3103000	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	93
3		Benzene, 1-methyl-4-(1-methylethyl-)	134	C10H14	000099-87-6	93
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

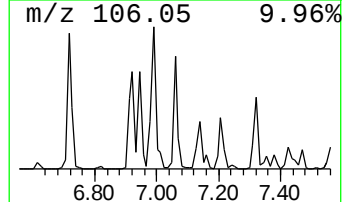
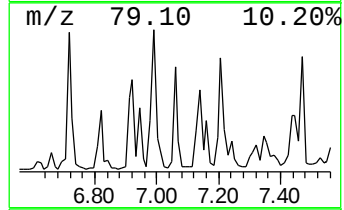
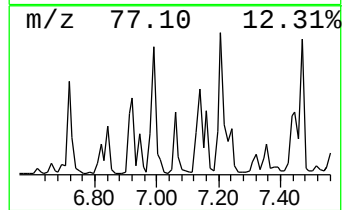
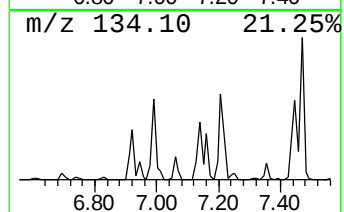
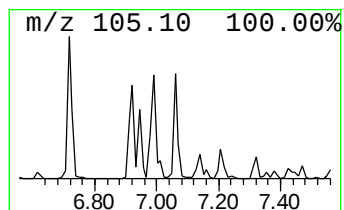
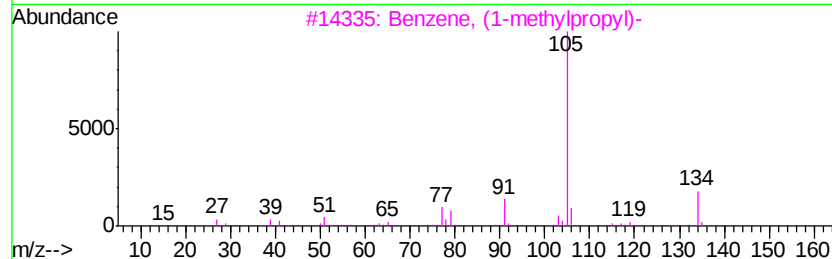
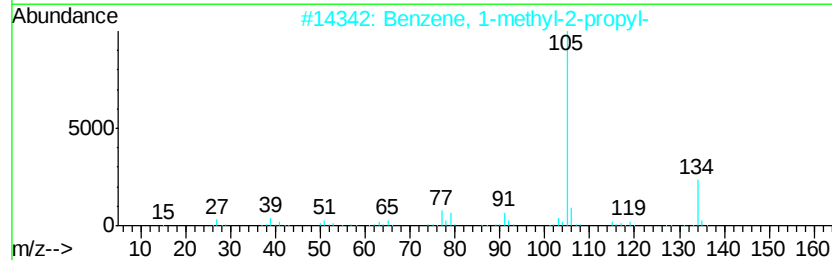
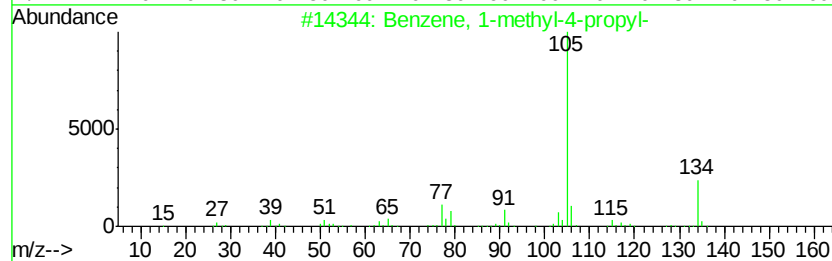
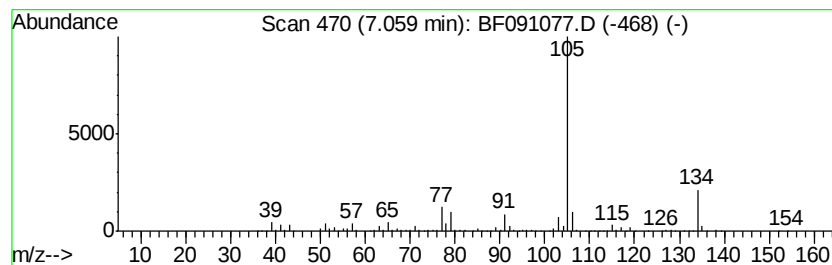
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	16.50 ng	1004970	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
Sample : H5536-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

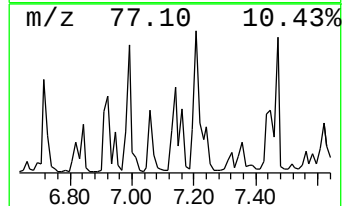
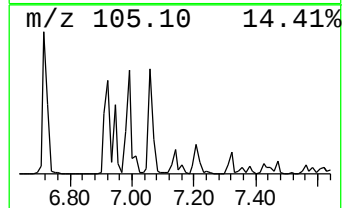
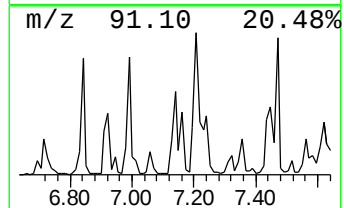
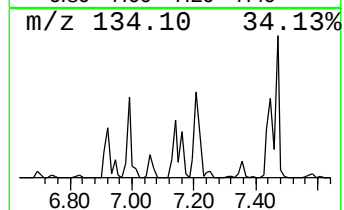
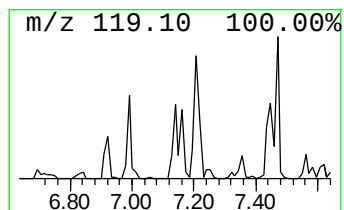
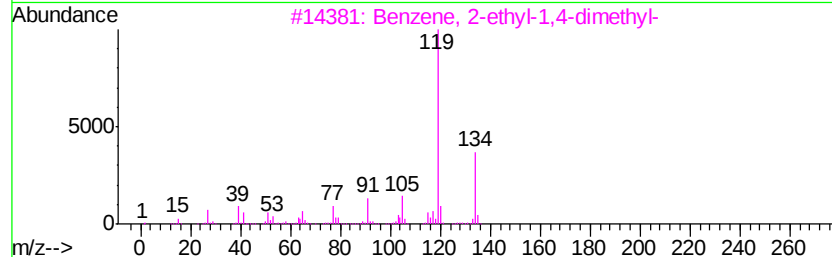
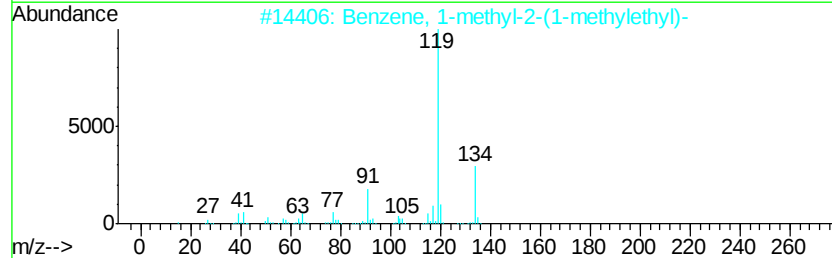
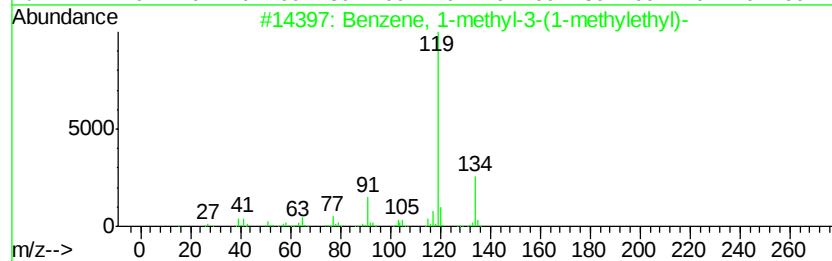
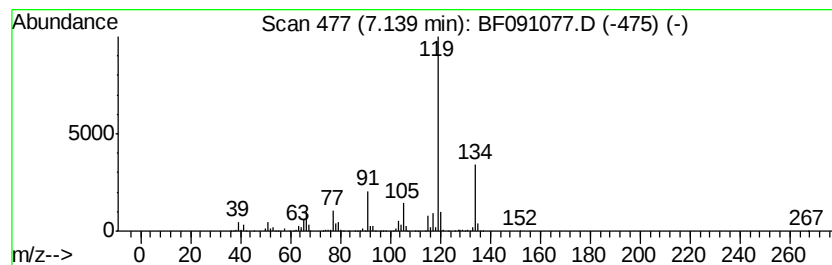
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	54.03 ng	3291500	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
Sample : H5536-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RMAB-MW10-GW

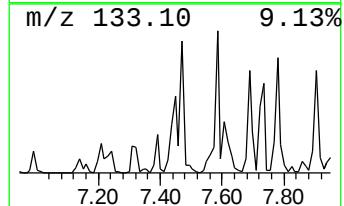
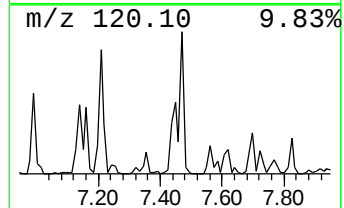
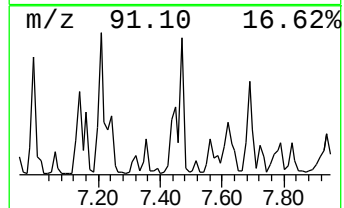
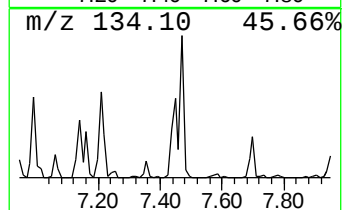
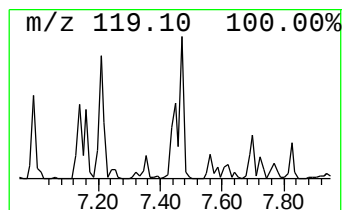
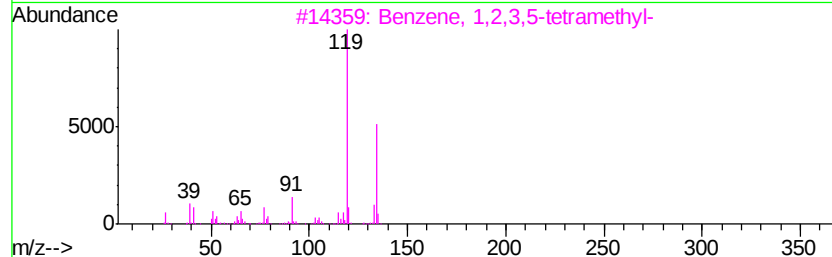
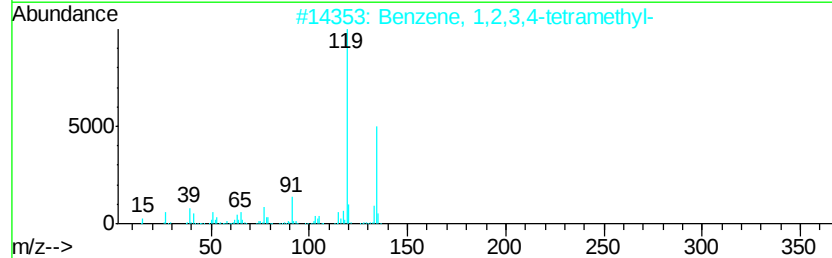
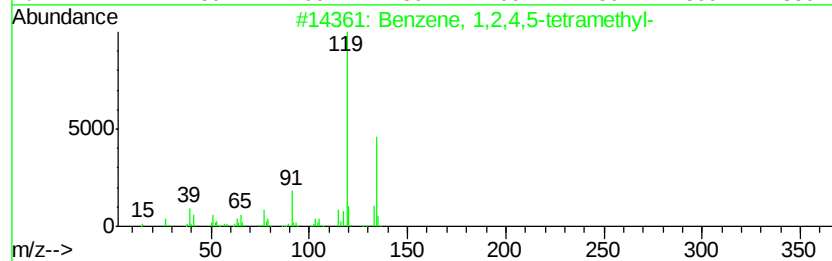
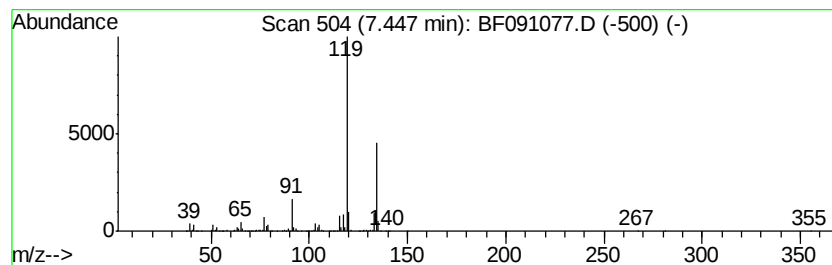
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	13.34 ng	2838160	Naphthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
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ALS Vial : 3 Sample Multiplier: 1

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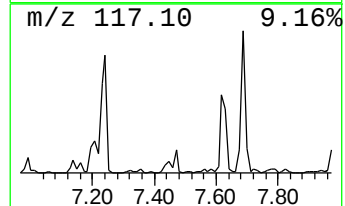
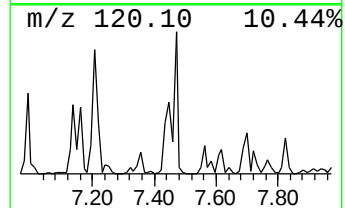
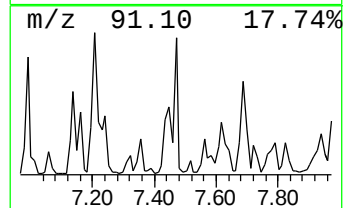
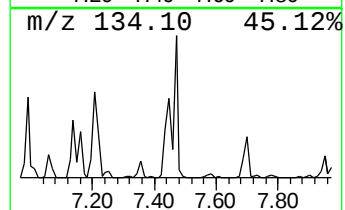
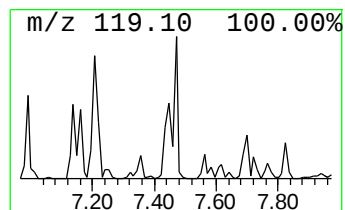
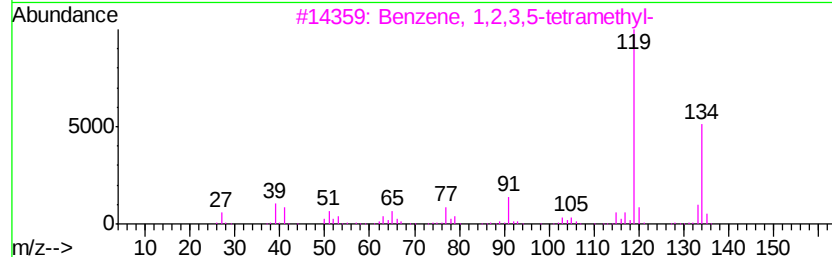
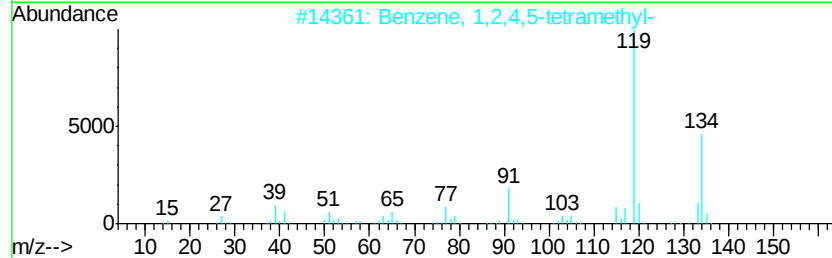
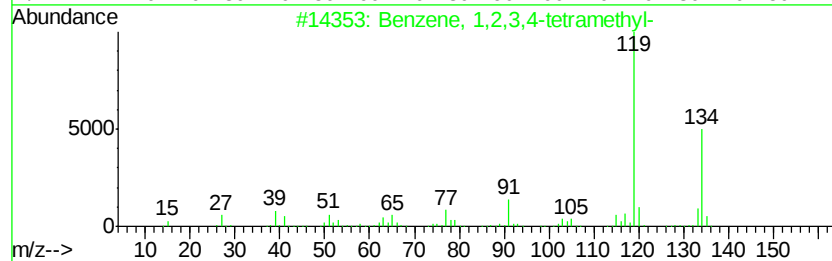
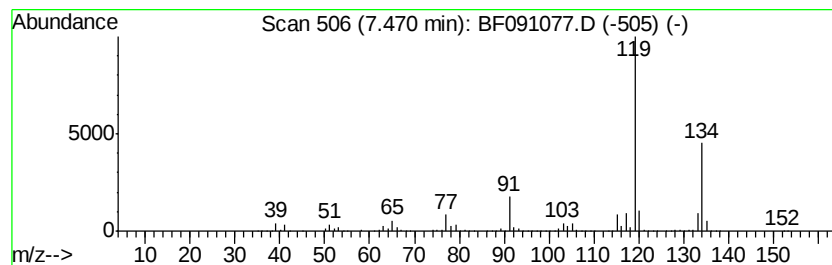
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	11.53 ng	2452820	Napthalene-d8	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
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ClientSampleId :
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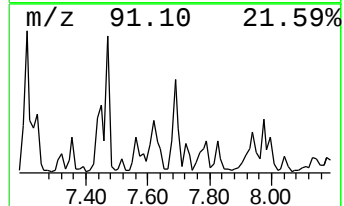
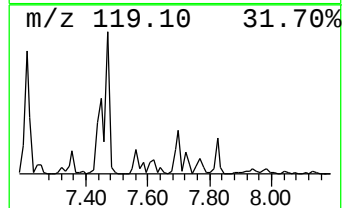
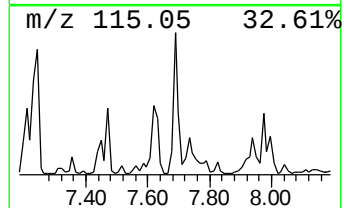
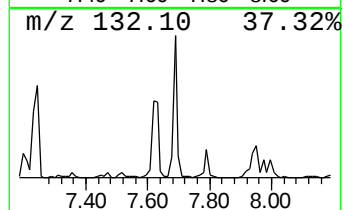
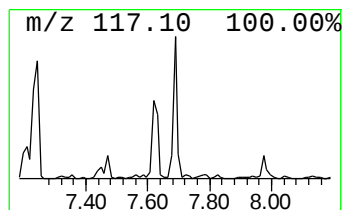
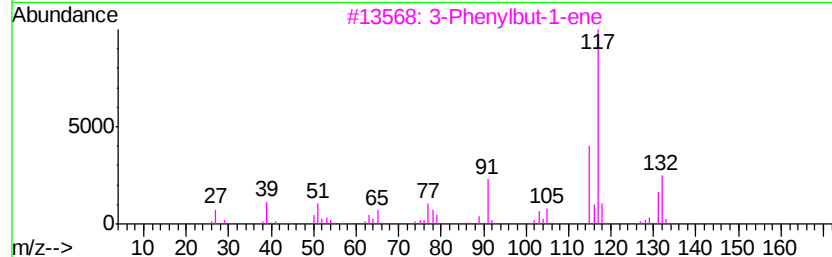
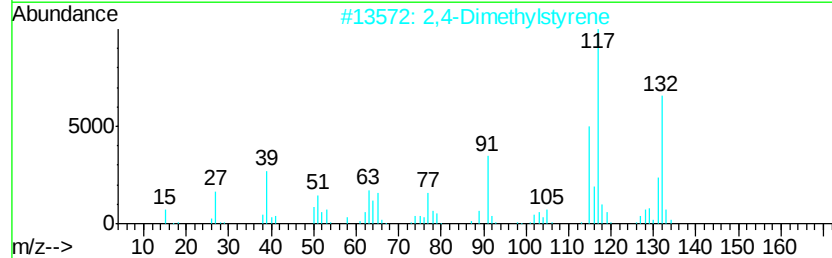
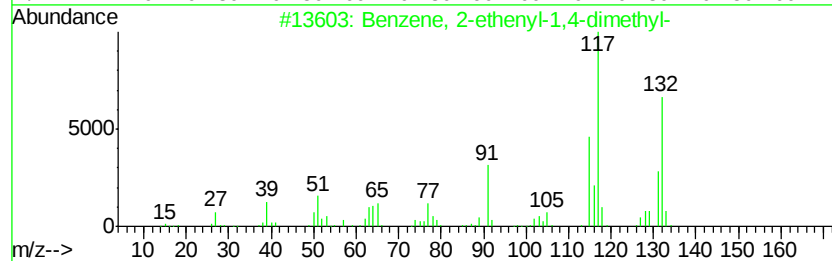
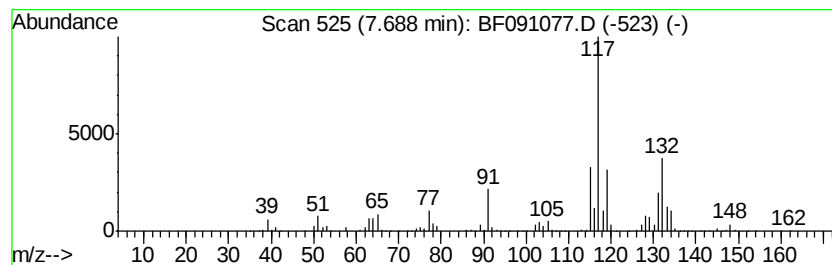
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	16.51 ng	3512280	Naphthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
Sample : H5536-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

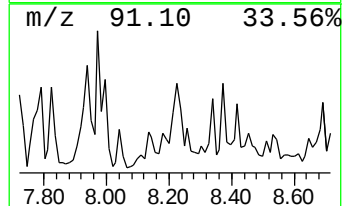
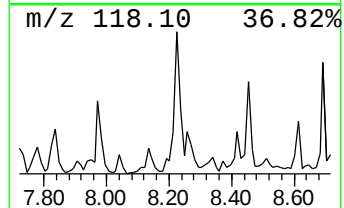
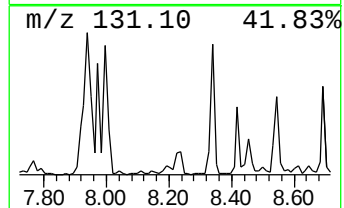
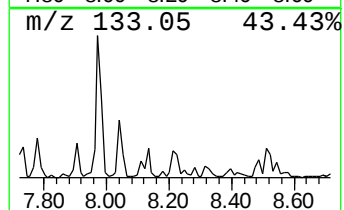
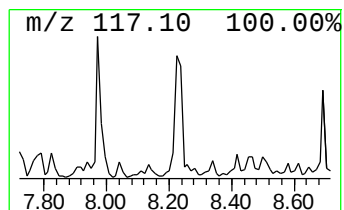
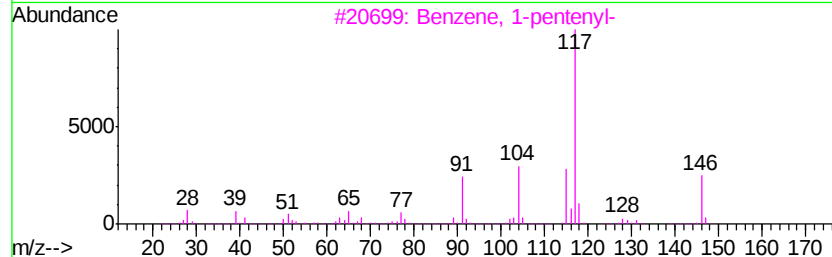
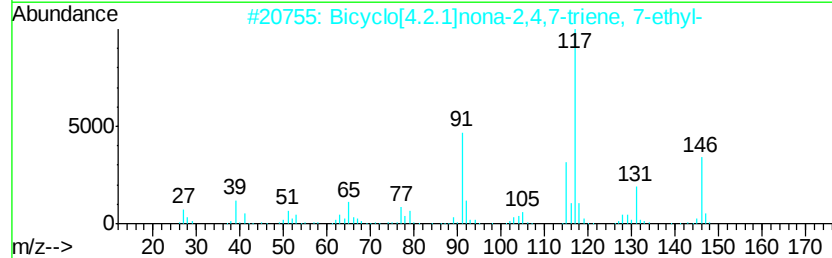
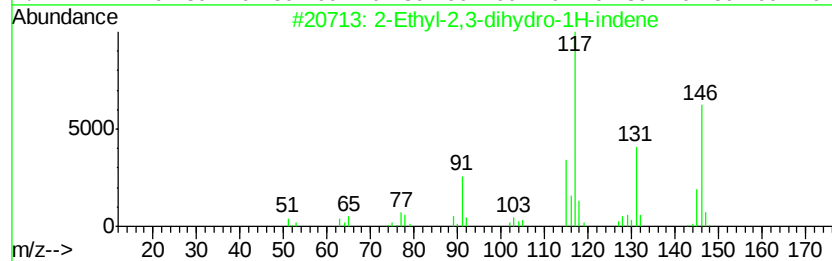
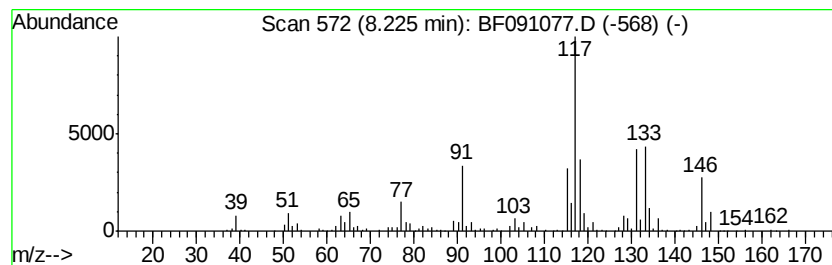
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	10.83 ng	2304190	Napthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	70
2		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	49
3		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	49
4		1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	42
5		Deltacyclene	118	C9H10	007785-10-6	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
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Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
Sample : H5536-03
Misc :
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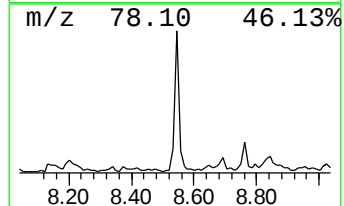
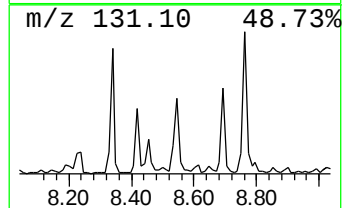
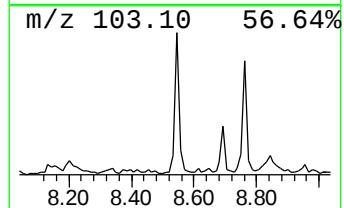
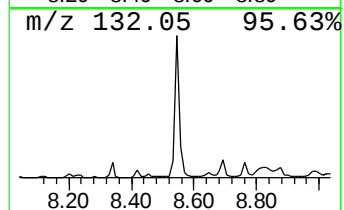
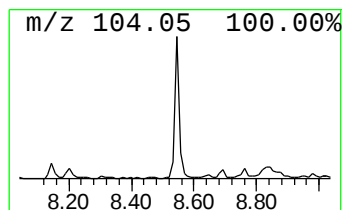
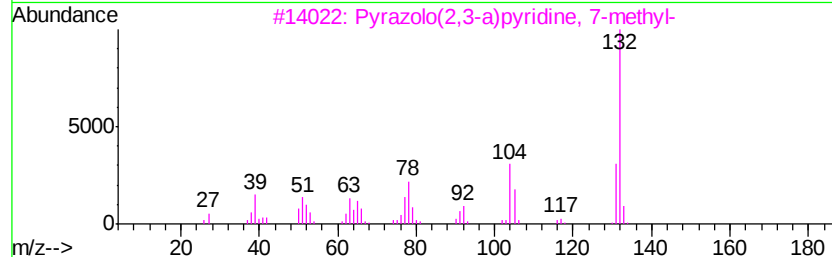
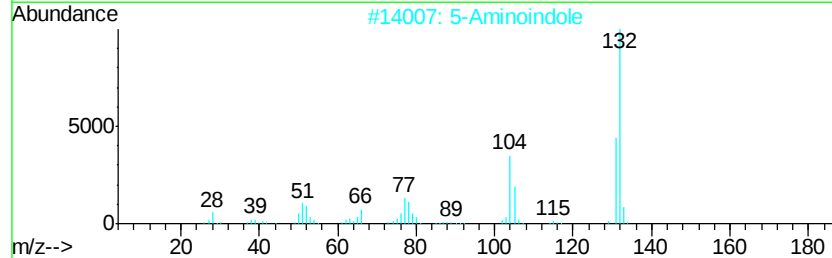
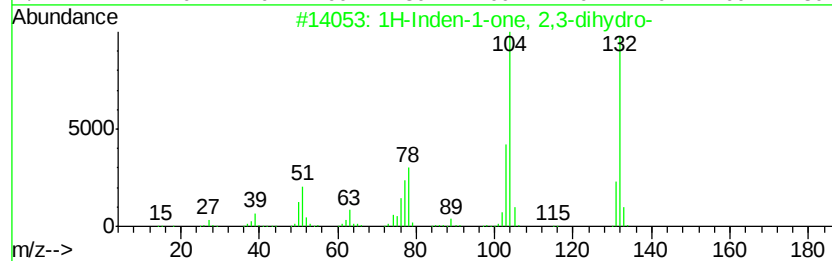
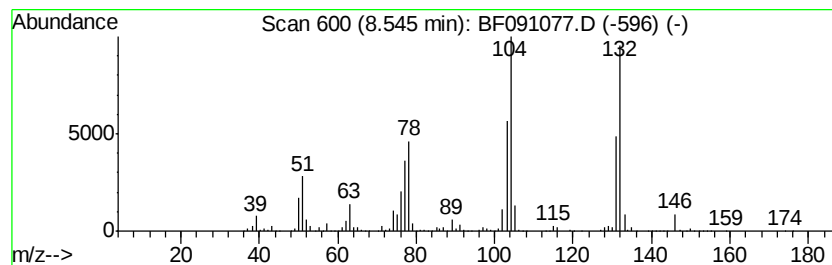
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	11.88 ng	2525820	Napthalene-d8	7.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Inden-1-one, 2,3-dihydro-	132 C9H8O	000083-33-0 93
2		5-Aminoindole	132 C8H8N2	005192-03-0 74
3		Pyrazolo(2,3-a)pyridine, 7-methyl-	132 C8H8N2	034760-58-2 64
4		Styrene	104 C8H8	000100-42-5 60
5		Bicyclo[4.2.0]octa-1,3,5-triene	104 C8H8	000694-87-1 60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
Sample : H5536-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

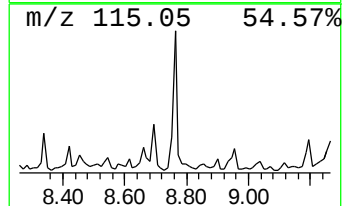
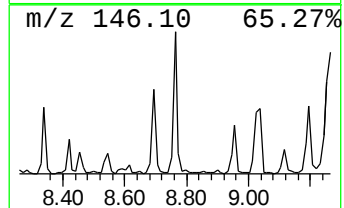
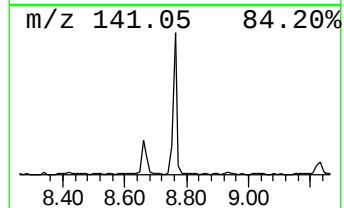
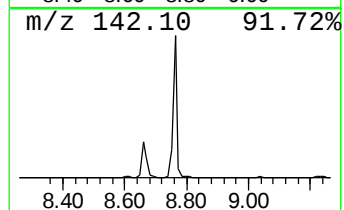
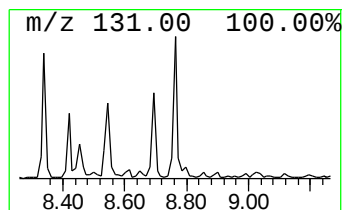
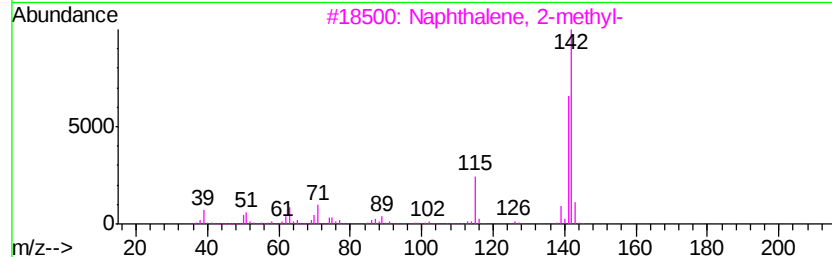
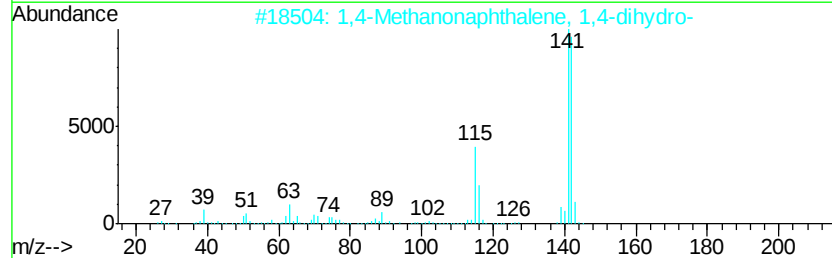
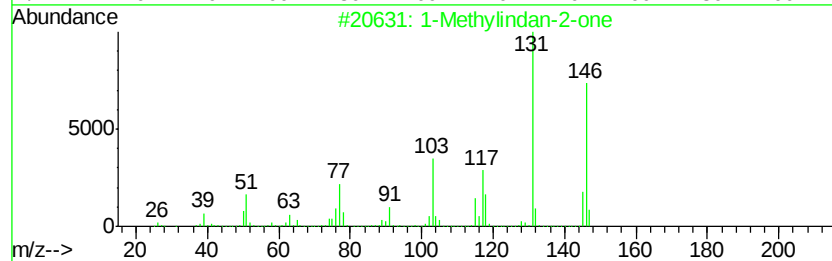
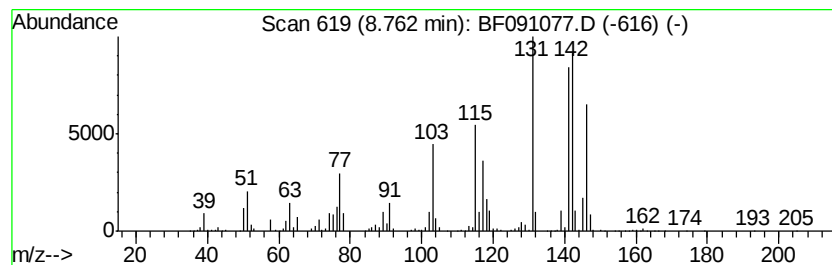
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Methylindan-2-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	13.32 ng	2832280	Naphthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methylindan-2-one	146	C10H10O	035587-60-1	94
2		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	50
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	46
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	46
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
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Misc :
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ClientSampleId :
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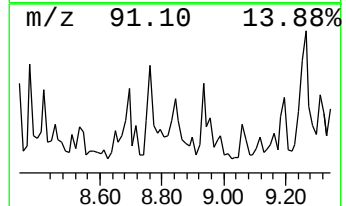
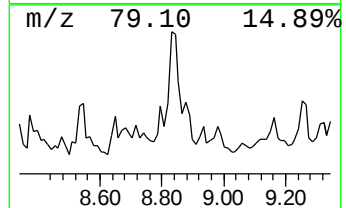
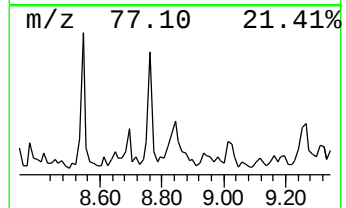
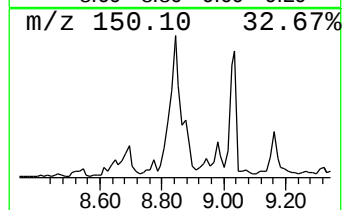
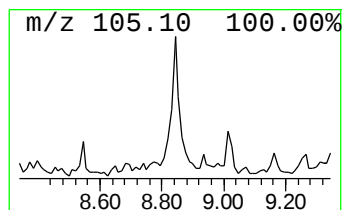
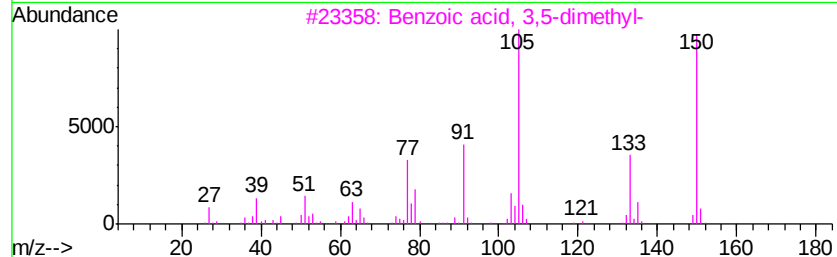
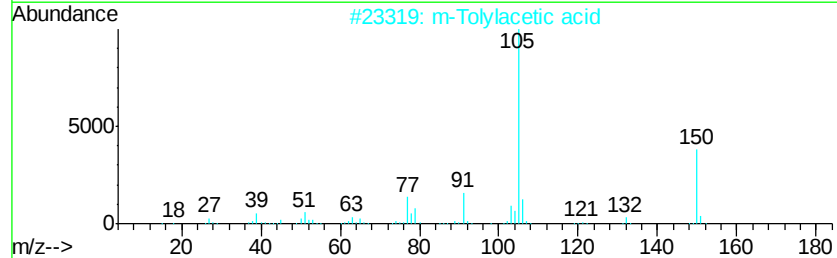
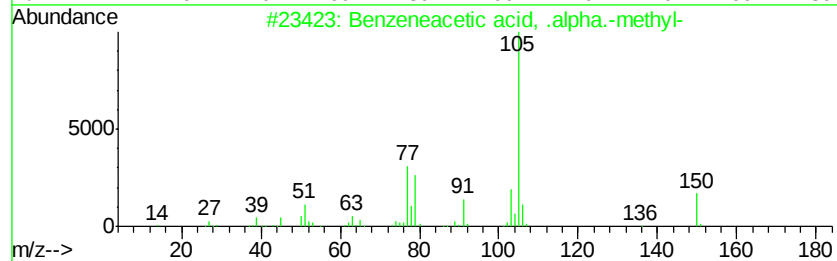
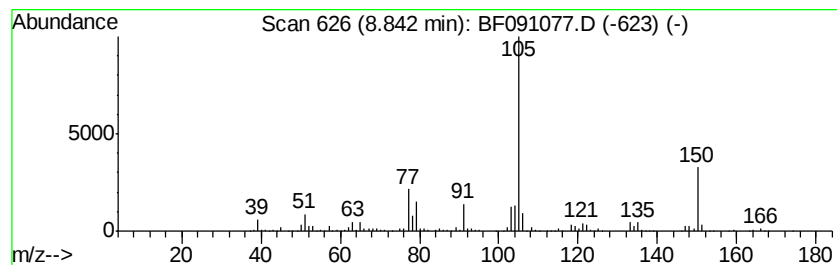
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzeneacetic acid, .alpha.... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	17.01 ng	1885700	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	81
2		m-Tolylacetic acid	150	C9H10O2	000621-36-3	81
3		Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	80
4		Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	76
5		p-Tolylacetic acid	150	C9H10O2	000622-47-9	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RMAB-MW10-GW

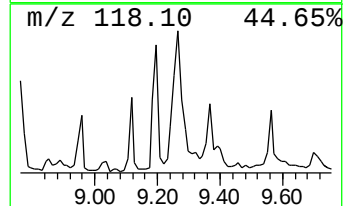
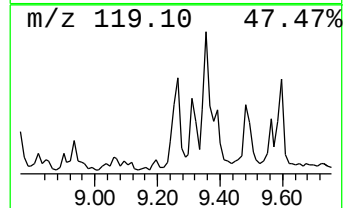
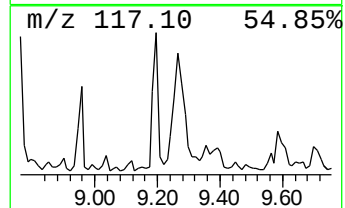
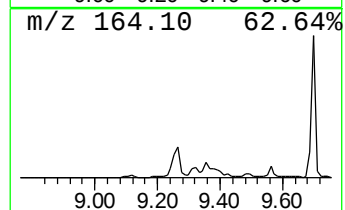
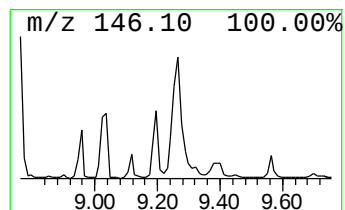
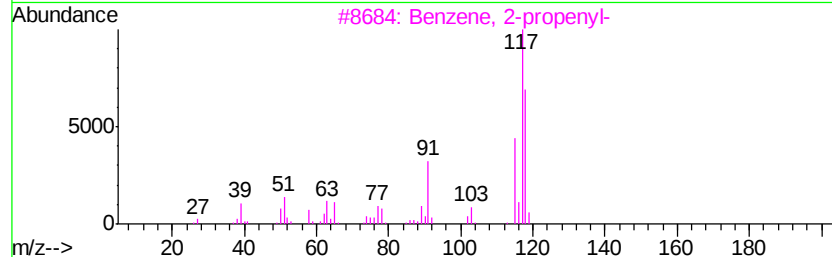
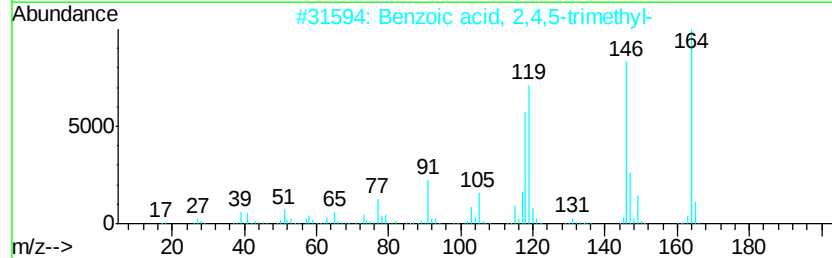
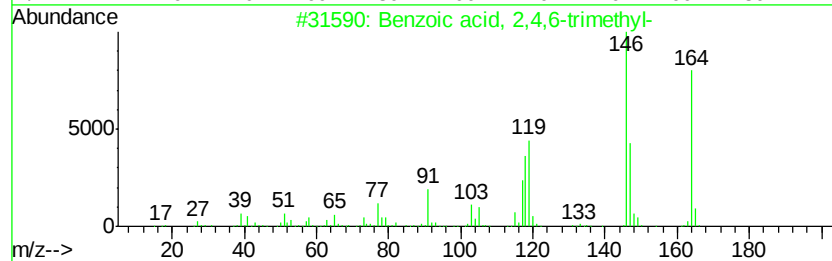
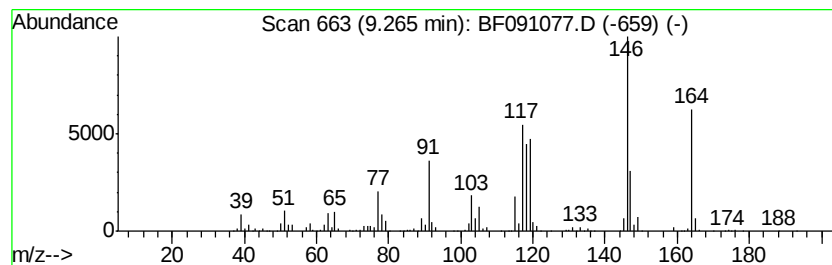
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	21.08 ng	2336320	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	90
2		Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	52
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	35
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	35
5		2-Hydroxy-1,7-naphthyridine	146	C8H6N2O	054920-82-0	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
RMAB-MW10-GW

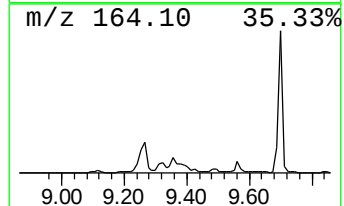
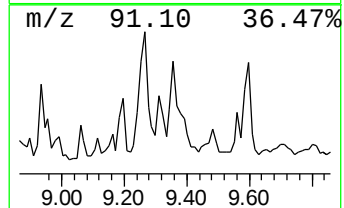
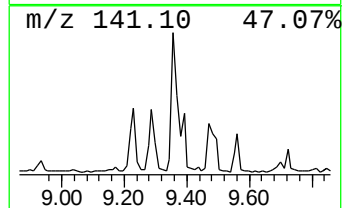
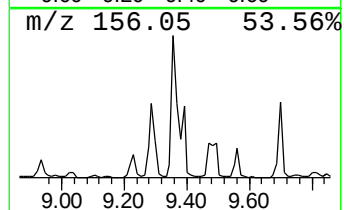
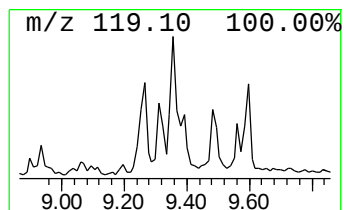
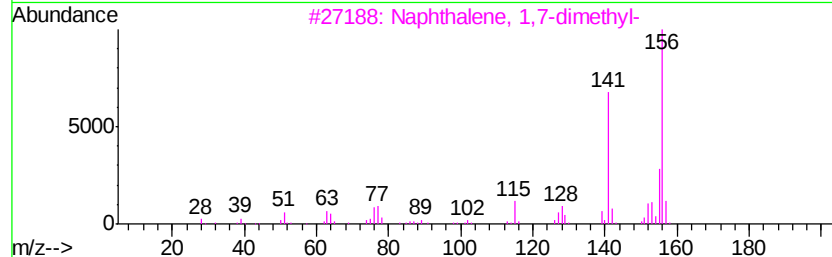
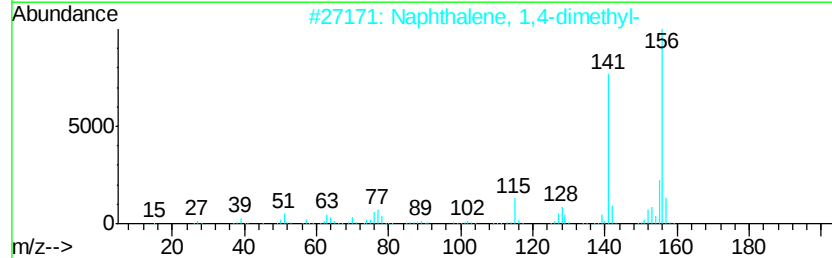
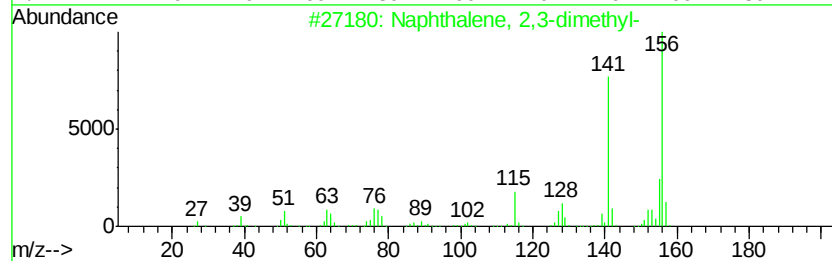
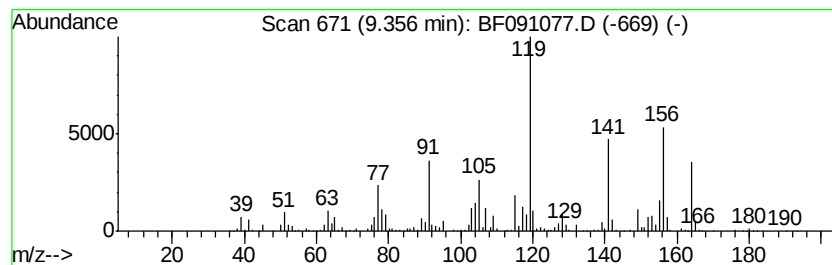
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	16.23 ng	1798850	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	92
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091077.D
 Acq On : 8 Nov 2016 11:55
 Operator : UM/SJ
 Sample : H5536-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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
Benzene, 1-ethyl-...	6.21	11.3	ng	685953	1	6.66	1218300	20.0
Benzene, 1,2,3-tr...	6.26	19.3	ng	1177930	1	6.66	1218300	20.0
unknown6.43	6.43	73.5	ng	4475930	1	6.66	1218300	20.0
Benzene, 1,2-diet...	6.92	35.0	ng	2129720	1	6.66	1218300	20.0
Benzene, 1,4-diet...	6.99	50.9	ng	3103000	1	6.66	1218300	20.0
Benzene, 1-methyl...	7.06	16.5	ng	1004970	1	6.66	1218300	20.0
Benzene, 1-methyl...	7.14	54.0	ng	3291500	1	6.66	1218300	20.0
Benzene, 1,2,4,5-...	7.45	13.3	ng	2838160	2	7.95	4253960	20.0
Benzene, 1,2,3,4-...	7.47	11.5	ng	2452820	2	7.95	4253960	20.0
Benzene, 2-etheny...	7.69	16.5	ng	3512280	2	7.95	4253960	20.0
2-Ethyl-2,3-dihyd...	8.22	10.8	ng	2304190	2	7.95	4253960	20.0
1H-Inden-1-one, 2...	8.54	11.9	ng	2525820	2	7.95	4253960	20.0
1-Methylindan-2-one	8.76	13.3	ng	2832280	2	7.95	4253960	20.0
Benzeneacetic aci...	8.84	17.0	ng	1885700	3	9.70	2216710	20.0
Benzoic acid, 2,4...	9.26	21.1	ng	2336320	3	9.70	2216710	20.0
Naphthalene, 2,3-...	9.36	16.2	ng	1798850	3	9.70	2216710	20.0