

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094271.D
 Acq On : 7 Apr 2017 14:24
 Operator : SJ/MA
 Sample : I2528-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

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-BF032217.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	36	42	49	rVB3	165254	390055	3.56%	0.183%
2	2.475	96	100	106	rVB	317319	468036	4.27%	0.219%
3	2.816	149	158	161	rBV2	216502	388871	3.55%	0.182%
4	2.904	167	173	177	rVV3	272240	470848	4.29%	0.220%
5	3.057	190	199	202	rVV	2855054	3407717	31.07%	1.595%
6	3.104	202	207	209	rVV2	242464	342337	3.12%	0.160%
7	3.134	209	212	217	rVB	421925	529909	4.83%	0.248%
8	3.246	224	231	234	rVB2	246767	333808	3.04%	0.156%
9	3.357	243	250	252	rBV4	175573	333326	3.04%	0.156%
10	3.404	252	258	263	rVB5	214080	444367	4.05%	0.208%
11	3.499	269	274	279	rVB4	214745	389271	3.55%	0.182%
12	3.593	284	290	296	rBV2	409257	552200	5.03%	0.258%
13	3.922	344	346	349	rVV	245831	309275	2.82%	0.145%
14	3.981	353	356	362	rBV2	206796	311000	2.84%	0.146%
15	4.257	399	403	406	rBV3	218683	331624	3.02%	0.155%
16	4.363	414	421	422	rBV	6541942	10145914	92.50%	4.748%
17	4.616	458	464	467	rVV	6202099	7810476	71.21%	3.655%
18	4.669	470	473	477	rVB	329716	331418	3.02%	0.155%
19	4.934	513	518	522	rVB2	395657	469425	4.28%	0.220%
20	5.151	553	555	562	rVB	222139	284490	2.59%	0.133%
21	5.228	562	568	574	rVB2	170307	310597	2.83%	0.145%
22	5.334	574	586	588	rBV	6234147	8608752	78.49%	4.028%
23	5.363	588	591	594	rVV	4807291	4486738	40.91%	2.099%
24	5.416	594	600	602	rVV	5192054	5657761	51.58%	2.647%
25	5.457	602	607	610	rVV	1249898	1429839	13.04%	0.669%
26	5.504	610	615	618	rVB	4611707	4470087	40.75%	2.092%
27	5.593	623	630	634	rBV	2942601	3724454	33.96%	1.743%
28	5.669	636	643	646	rBV	7065519	10968273	100.00%	5.132%
29	5.845	669	673	677	rVB	1097709	1081079	9.86%	0.506%
30	5.892	677	681	682	rBV2	762140	761045	6.94%	0.356%
31	5.922	682	686	692	rVB	4196452	5216507	47.56%	2.441%
32	6.028	696	704	706	rBV	3259989	4004742	36.51%	1.874%
33	6.057	706	709	715	rVB	4231563	4535223	41.35%	2.122%
34	6.145	719	724	726	rBV	2114653	2412273	21.99%	1.129%

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35	6.175	726	729	733	rVB	2750975	2893092	26.38%	1.354%
36	6.228	733	738	741	rBV2	4296588	5308096	48.40%	2.484%
37	6.310	747	752	756	rBV	1547190	1605805	14.64%	0.751%
38	6.398	760	767	769	rBV	2372632	2891502	26.36%	1.353%
39	6.428	769	772	775	rVB	2049687	2134451	19.46%	0.999%
40	6.487	775	782	784	rBV	4677331	7147177	65.16%	3.344%
41	6.510	784	786	792	rVV3	3388104	3934624	35.87%	1.841%
42	6.610	798	803	806	rVV3	538975	760691	6.94%	0.356%
43	6.651	806	810	814	rVV2	1341201	1517721	13.84%	0.710%
44	6.692	815	817	821	rVV2	214575	257595	2.35%	0.121%
45	6.757	821	828	830	rVV	2755832	3201631	29.19%	1.498%
46	6.787	830	833	837	rVV	3236510	3345162	30.50%	1.565%
47	6.863	844	846	847	rVV	344403	299420	2.73%	0.140%
48	6.898	847	852	854	rVV3	729869	1258721	11.48%	0.589%
49	6.928	854	857	859	rVV	737477	816672	7.45%	0.382%
50	6.969	859	864	868	rVV2	3069804	4128973	37.64%	1.932%
51	7.051	872	878	882	rVV3	4154394	6184800	56.39%	2.894%
52	7.092	882	885	890	rVV3	1264577	1673634	15.26%	0.783%
53	7.157	890	896	901	rVV4	981190	1783513	16.26%	0.835%
54	7.216	901	906	910	rVB	715318	887634	8.09%	0.415%
55	7.328	919	925	926	rBV3	625265	933490	8.51%	0.437%
56	7.357	926	930	931	rVV2	2868655	3642858	33.21%	1.705%
57	7.386	931	935	938	rVV	6074971	8438152	76.93%	3.948%
58	7.416	938	940	942	rVV	890813	1012447	9.23%	0.474%
59	7.475	946	950	954	rVB	548766	629899	5.74%	0.295%
60	7.592	965	970	973	rVV4	322575	601720	5.49%	0.282%
61	7.698	981	988	991	rVV3	994656	1553728	14.17%	0.727%
62	7.828	1003	1010	1013	rBV	1085948	1277894	11.65%	0.598%
63	7.869	1013	1017	1020	rVV3	482254	556836	5.08%	0.261%
64	7.928	1020	1027	1030	rVV2	676123	1143512	10.43%	0.535%
65	7.969	1030	1034	1036	rVV	416455	505732	4.61%	0.237%
66	8.069	1049	1051	1054	rVV2	501059	484500	4.42%	0.227%
67	8.157	1062	1066	1070	rVB2	424954	487255	4.44%	0.228%
68	8.222	1070	1077	1081	rBV	4320153	5721399	52.16%	2.677%
69	8.339	1090	1097	1100	rVV	3886817	4833134	44.06%	2.262%
70	8.675	1146	1154	1157	rVB	4560004	5273926	48.08%	2.468%
71	8.786	1165	1173	1175	rBV	671391	740850	6.75%	0.347%

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72	8.904	1189	1193	1200	rVB	454598	617221	5.63%	0.289%
73	8.981	1200	1206	1212	rBV	851639	1454390	13.26%	0.681%
74	9.075	1217	1222	1225	rBV	1240657	1497284	13.65%	0.701%
75	9.110	1225	1228	1233	rVB	798009	820589	7.48%	0.384%
76	9.216	1243	1246	1248	rBV	540044	532073	4.85%	0.249%
77	9.316	1257	1263	1266	rBV2	348803	411770	3.75%	0.193%
78	9.486	1285	1292	1295	rBV3	1579503	1951248	17.79%	0.913%
79	9.533	1295	1300	1303	rVB	4063606	4418005	40.28%	2.067%
80	9.686	1321	1326	1329	rVV	254604	283538	2.59%	0.133%
81	9.739	1329	1335	1340	rVB	2400138	2808839	25.61%	1.314%
82	10.163	1398	1407	1411	rVB	3116661	3518178	32.08%	1.646%
83	10.263	1422	1424	1427	rVB	366452	357827	3.26%	0.167%
84	10.357	1437	1440	1444	rVB	366072	353445	3.22%	0.165%
85	10.463	1451	1458	1463	rVB2	2493981	3147702	28.70%	1.473%
86	10.692	1494	1497	1500	rVB	324974	303909	2.77%	0.142%
87	10.833	1517	1521	1524	rBV	213184	291225	2.66%	0.136%
88	11.175	1576	1579	1583	rVV	428418	444078	4.05%	0.208%
89	11.310	1597	1602	1604	rBV	1305413	1524303	13.90%	0.713%
90	11.345	1604	1608	1611	rVV	3418324	3646373	33.24%	1.706%
91	11.398	1611	1617	1621	rVB	464504	513007	4.68%	0.240%
92	11.604	1648	1652	1655	rBV	445877	405646	3.70%	0.190%
93	11.933	1703	1708	1710	rBV	224454	260793	2.38%	0.122%
94	11.963	1710	1713	1718	rVV2	253374	303209	2.76%	0.142%
95	12.063	1727	1730	1733	rVV	442094	489181	4.46%	0.229%
96	12.798	1851	1855	1859	rBV	826725	813091	7.41%	0.380%
97	13.074	1897	1902	1905	rVB	508041	564343	5.15%	0.264%
98	13.292	1932	1939	1943	rBV2	3516402	4293225	39.14%	2.009%
99	14.557	2149	2154	2158	rBV	1117114	1263085	11.52%	0.591%
100	16.186	2426	2431	2438	rBV	730755	842852	7.68%	0.394%

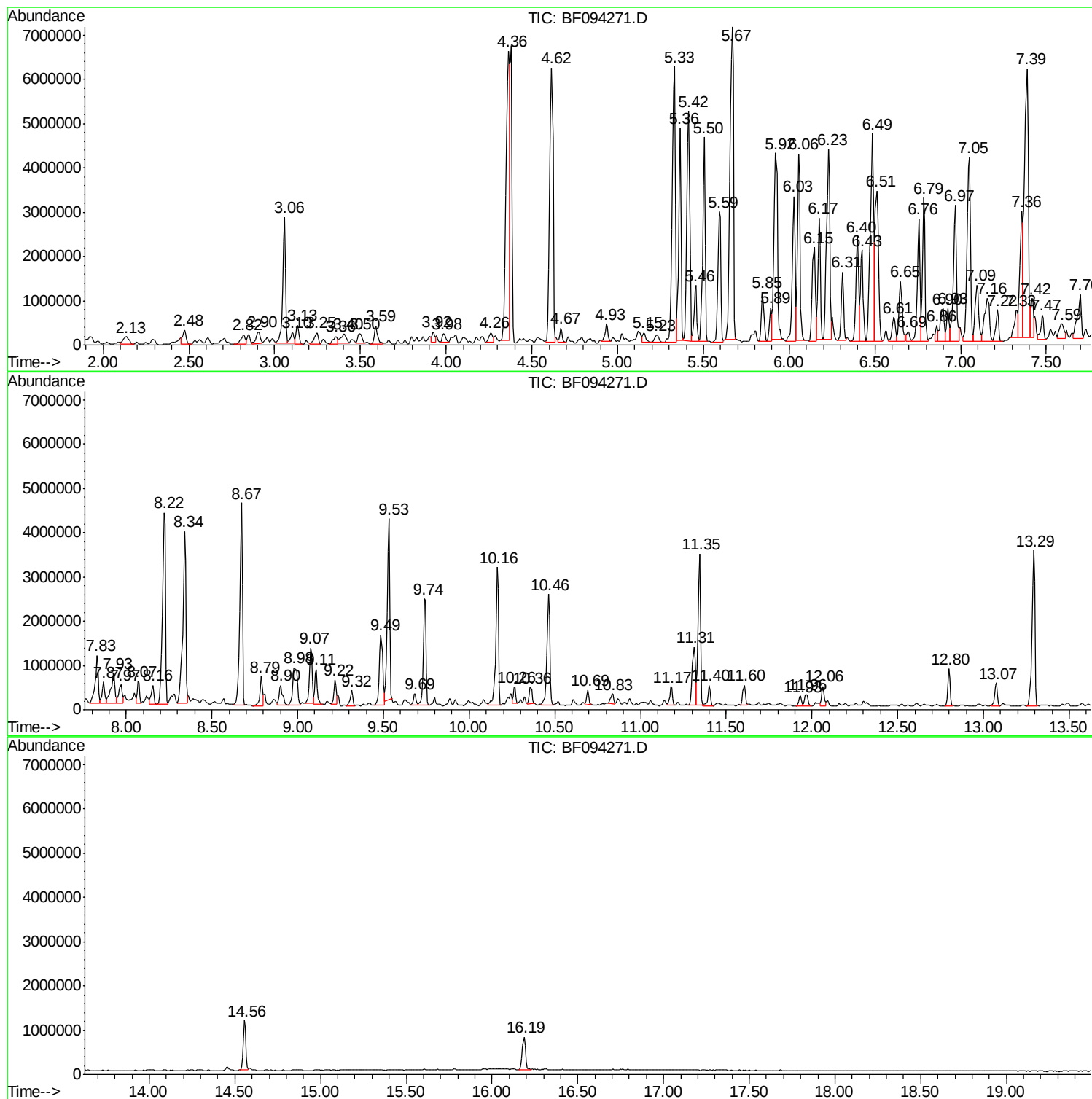
Sum of corrected areas: 213710412

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TW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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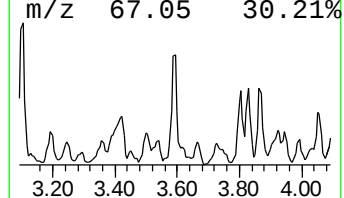
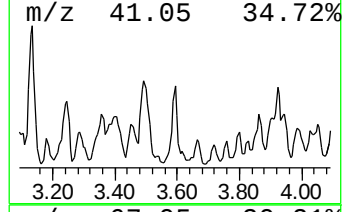
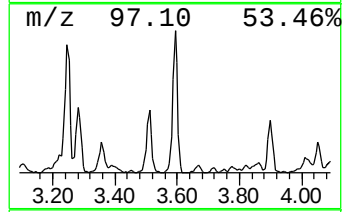
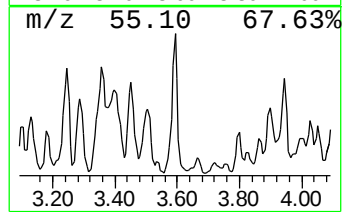
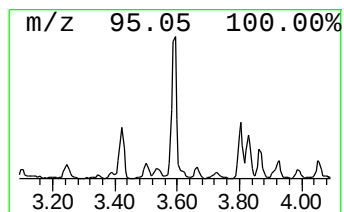
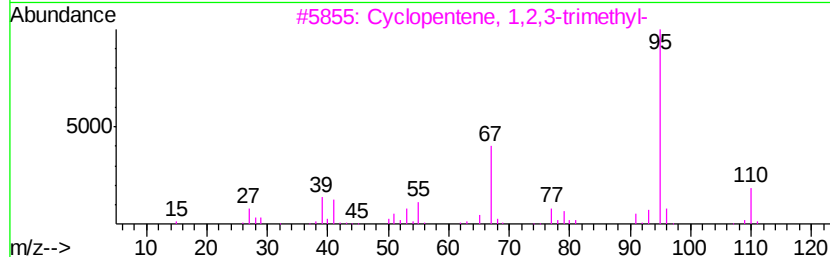
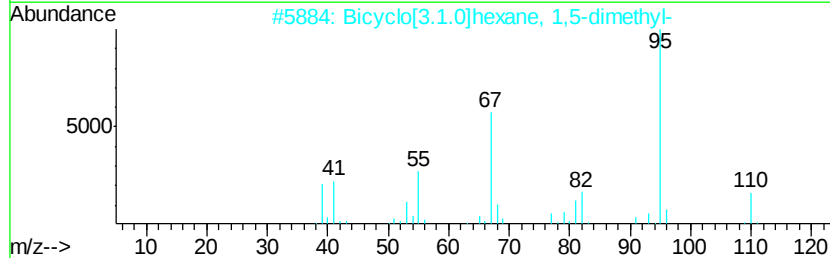
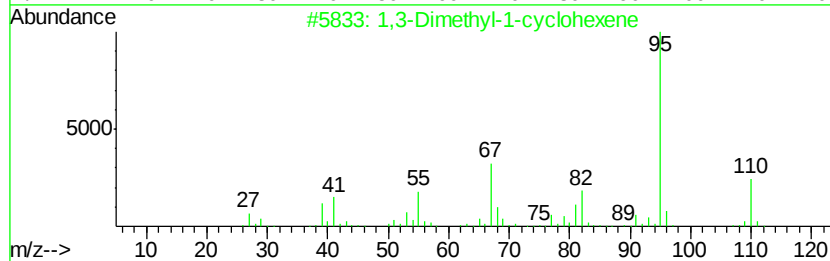
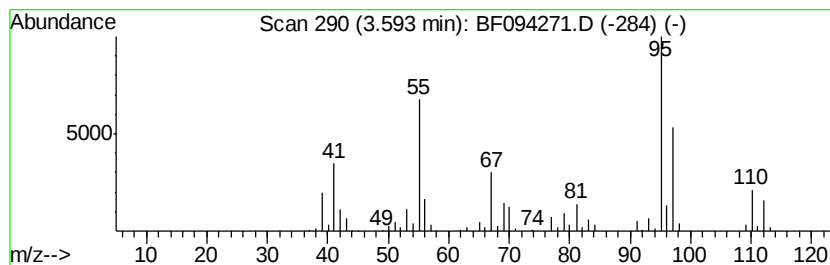
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1,3-Dimethyl-1-cyclohexene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	10.22 ng	552200	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	70
2		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	60
3		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	58
4		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	45
5		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38



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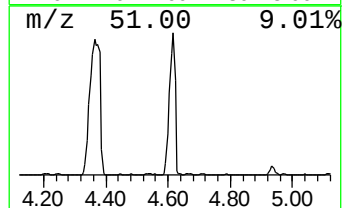
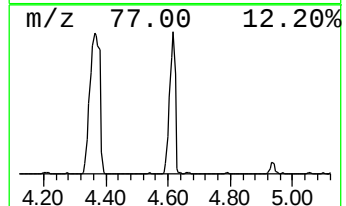
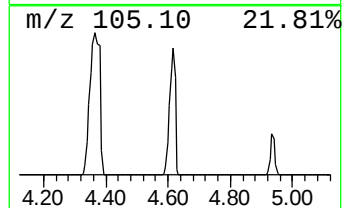
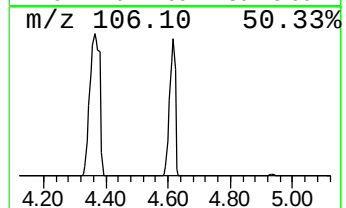
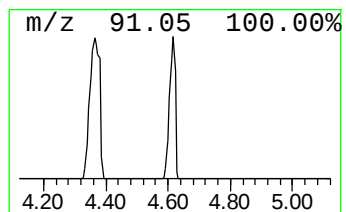
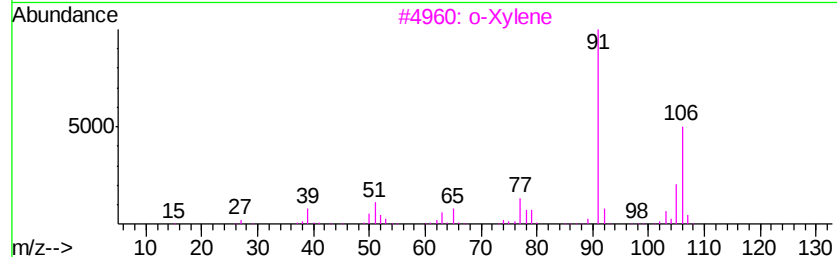
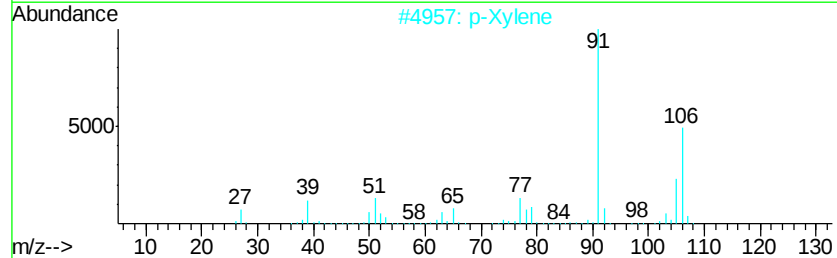
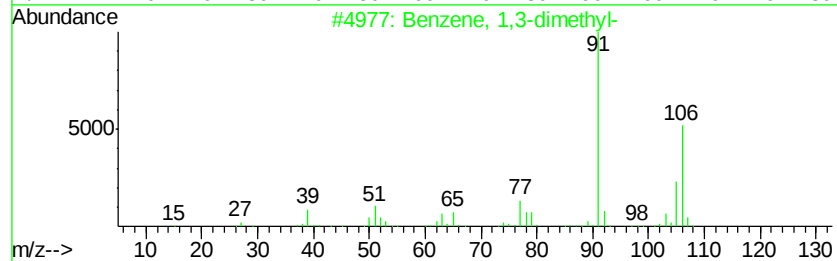
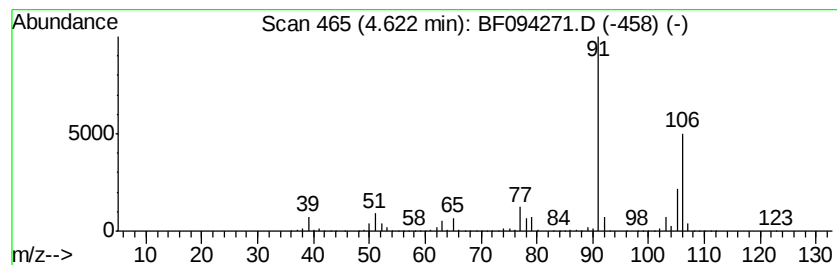
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	144.49 ng	7810480	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



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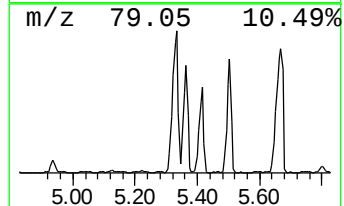
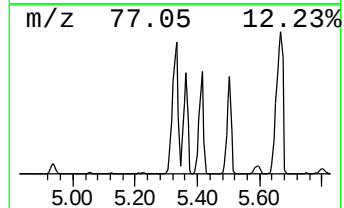
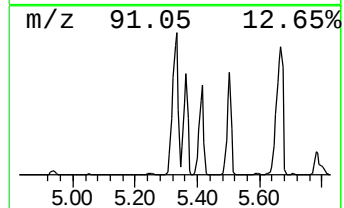
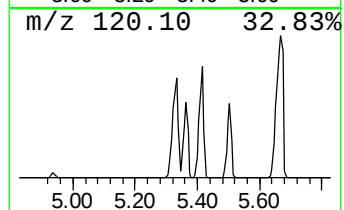
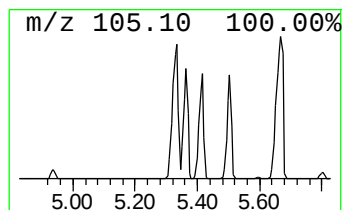
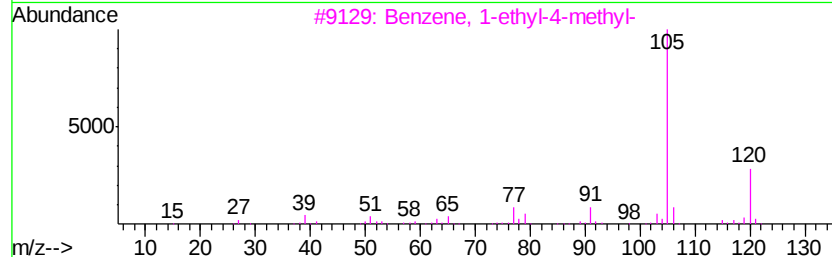
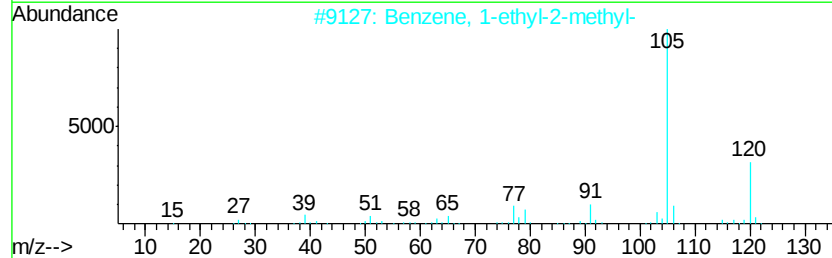
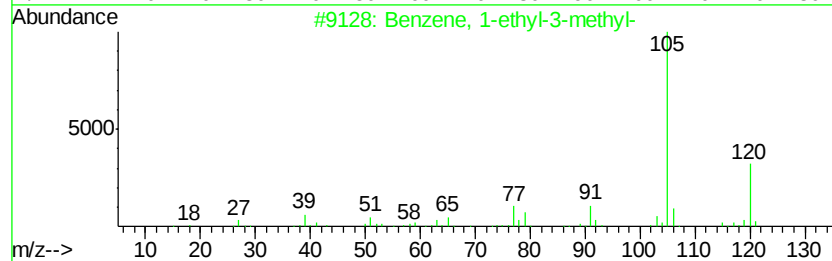
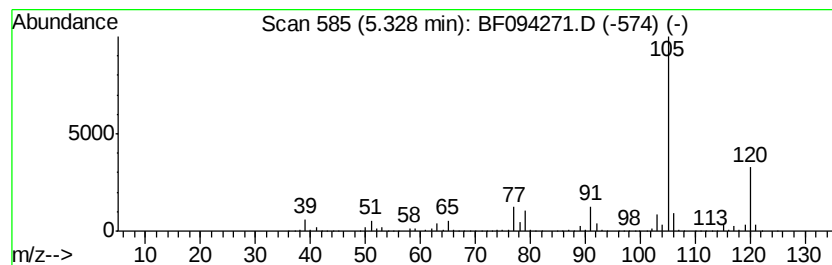
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	159.26 ng	8608750	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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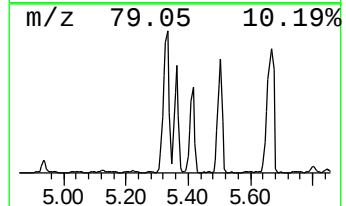
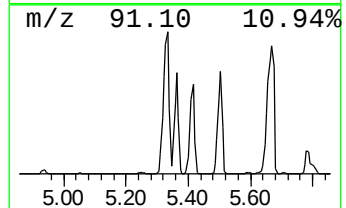
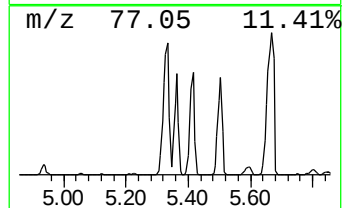
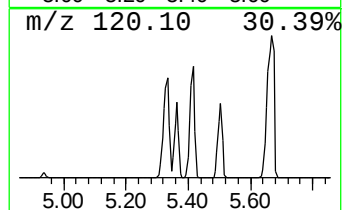
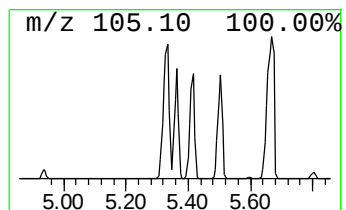
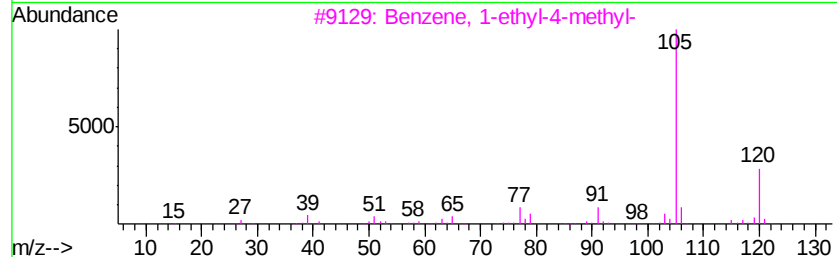
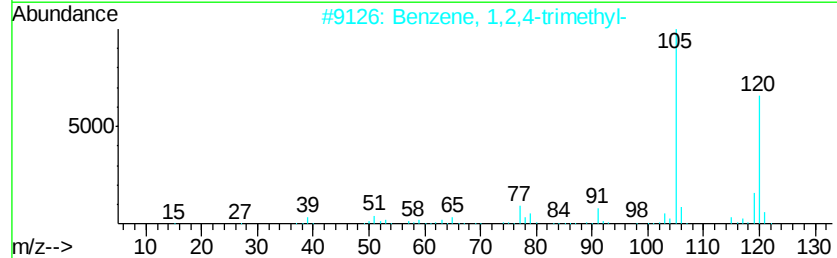
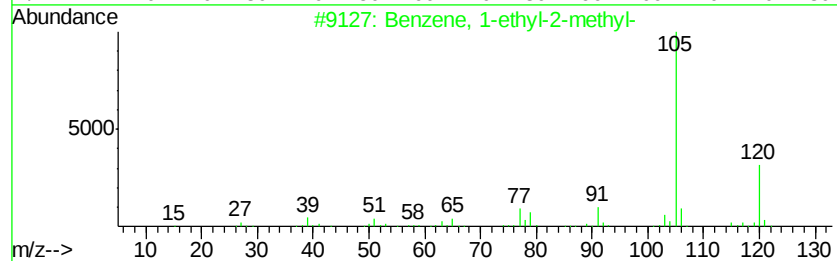
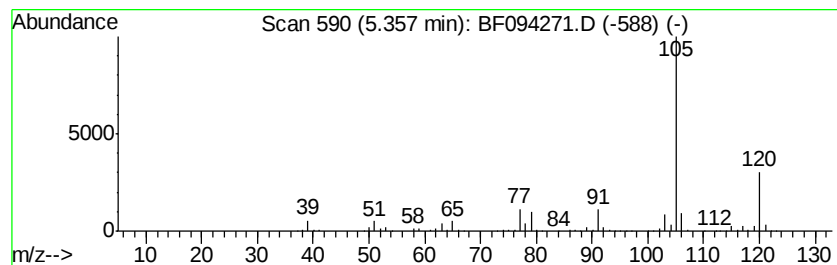
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	83.00 ng	4486740	1,4-Dichlorobenzene-d4	5.85

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-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1

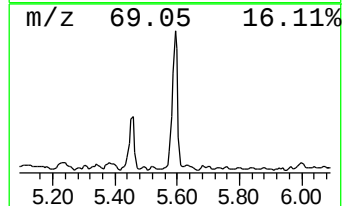
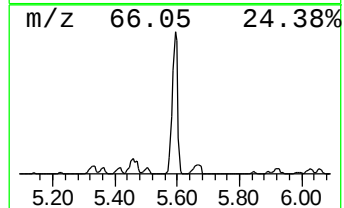
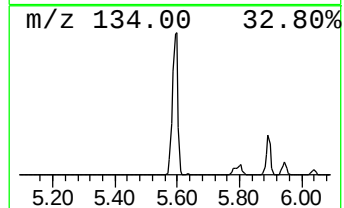
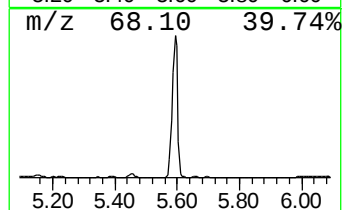
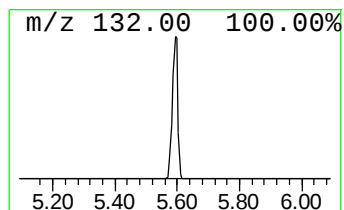
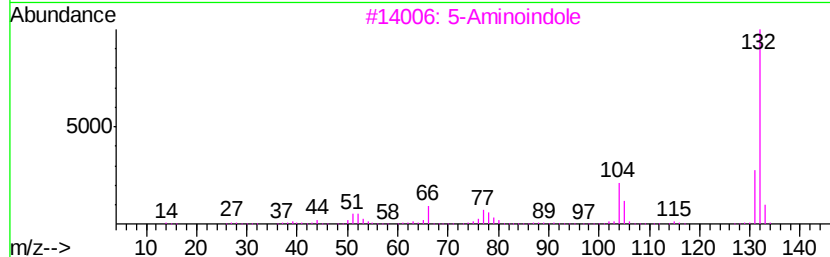
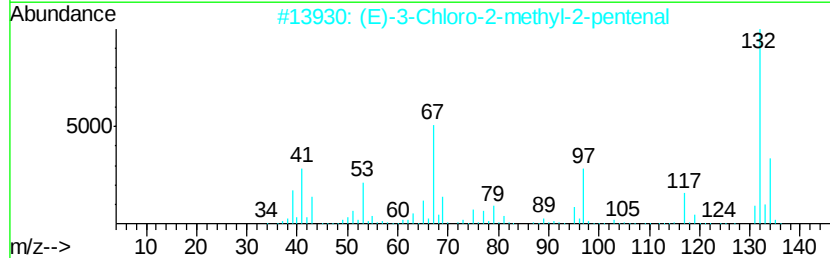
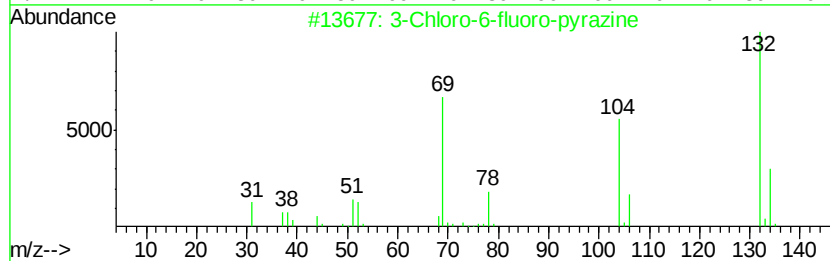
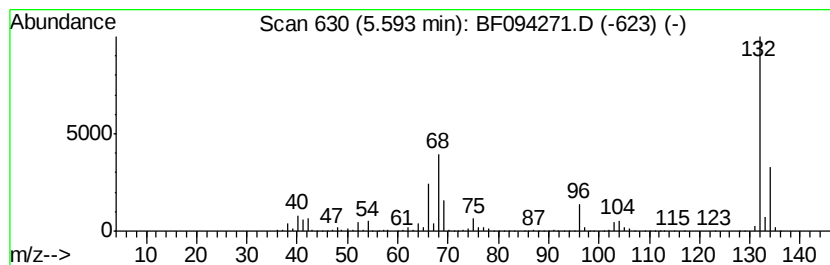
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	68.90 ng	3724450	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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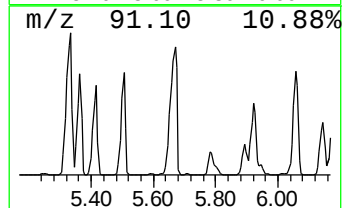
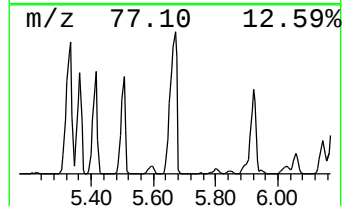
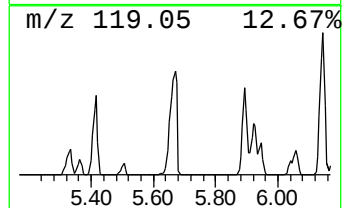
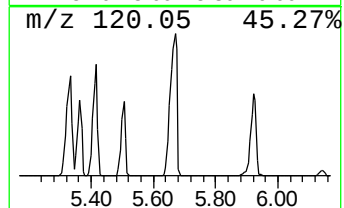
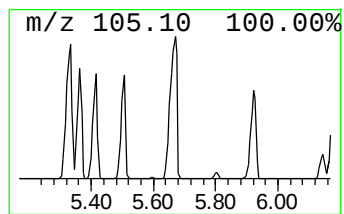
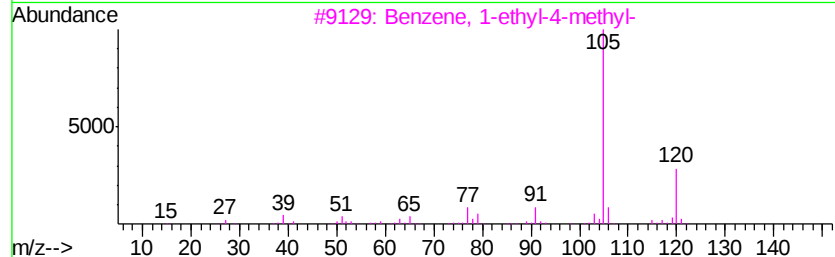
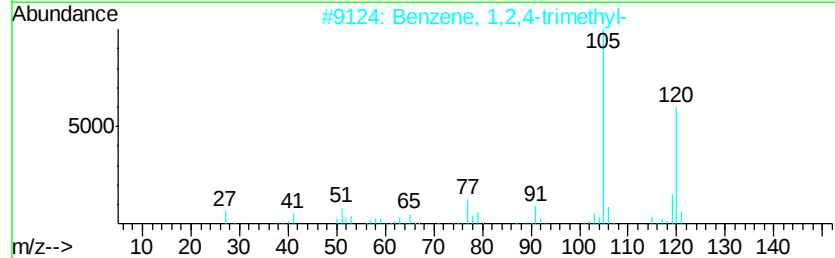
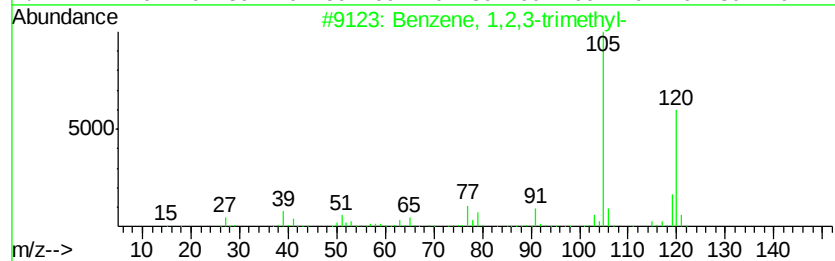
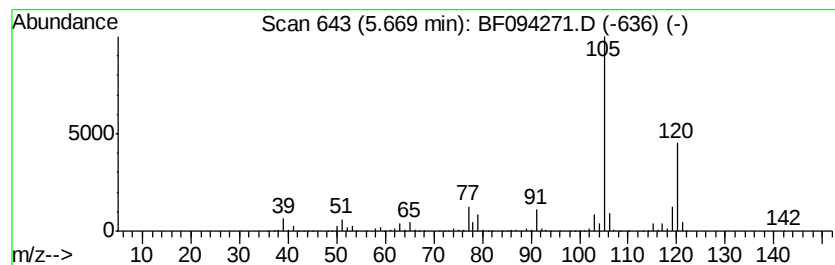
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	202.91 ng	10968300	1,4-Dichlorobenzene-d4	5.85

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	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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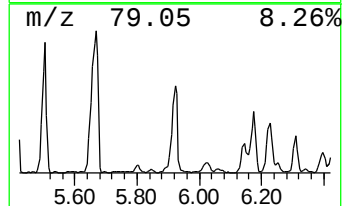
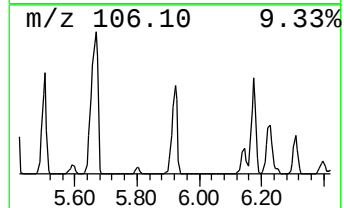
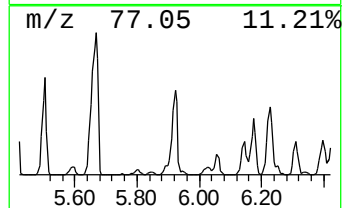
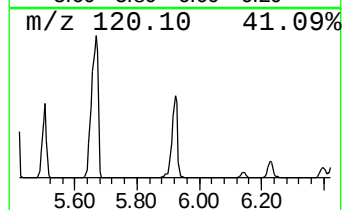
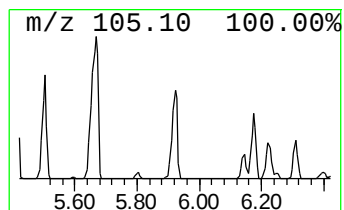
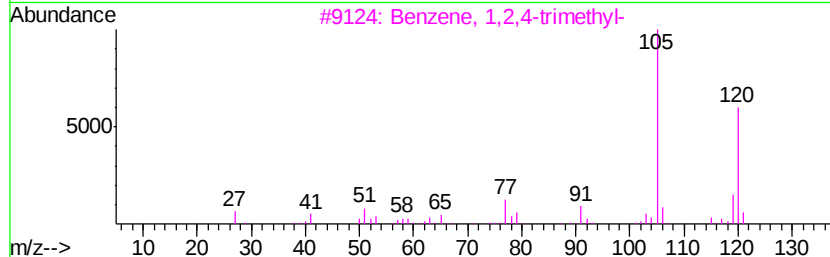
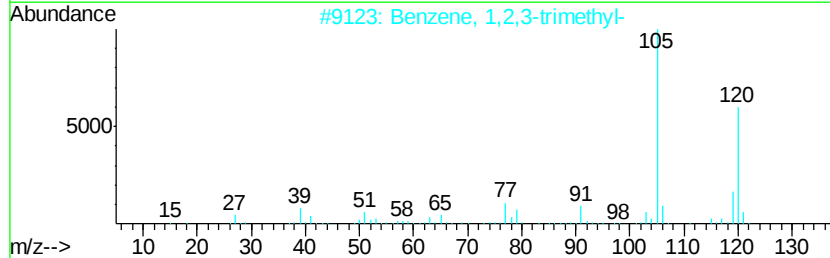
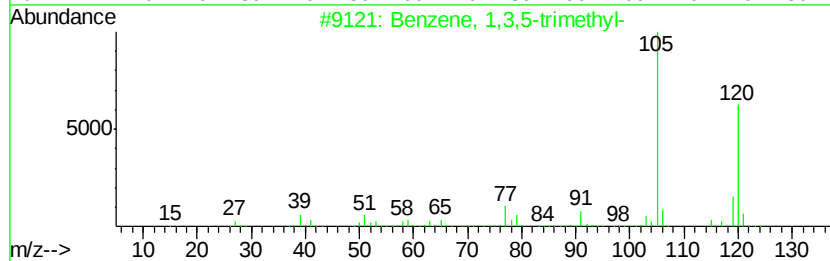
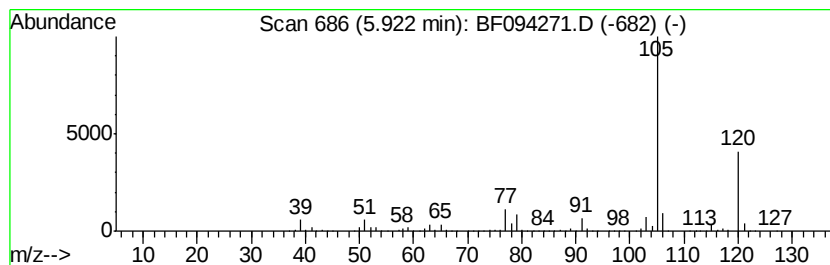
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	96.51 ng	5216510	1,4-Dichlorobenzene-d4	5.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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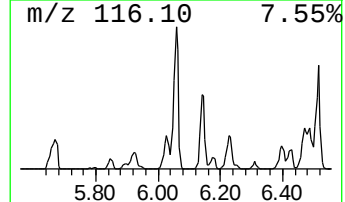
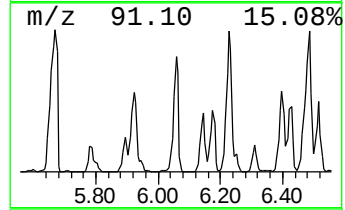
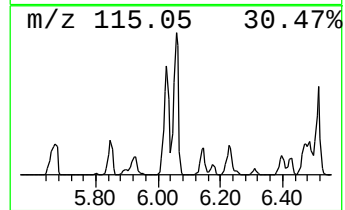
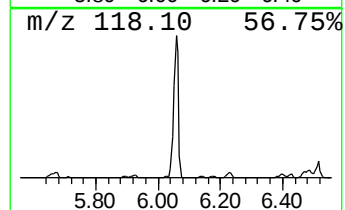
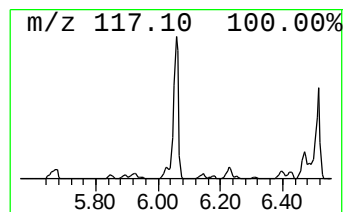
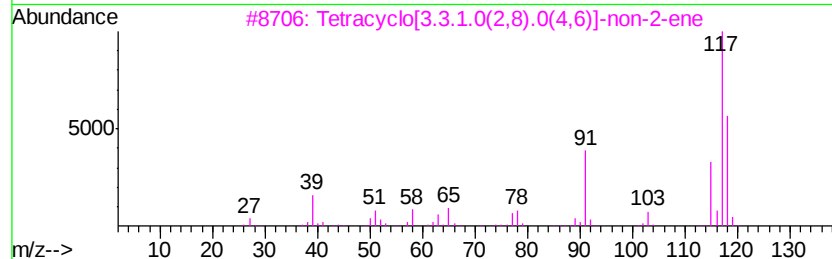
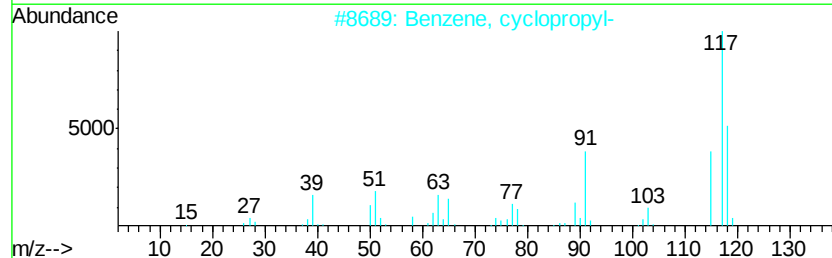
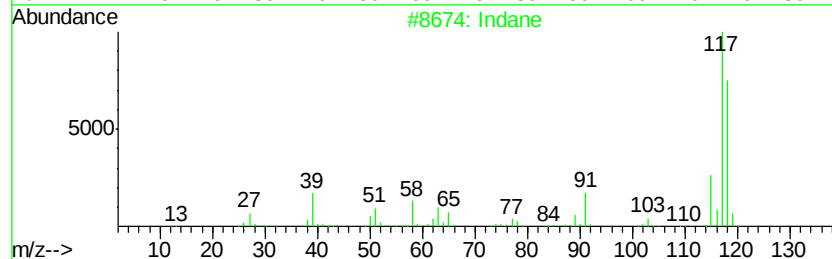
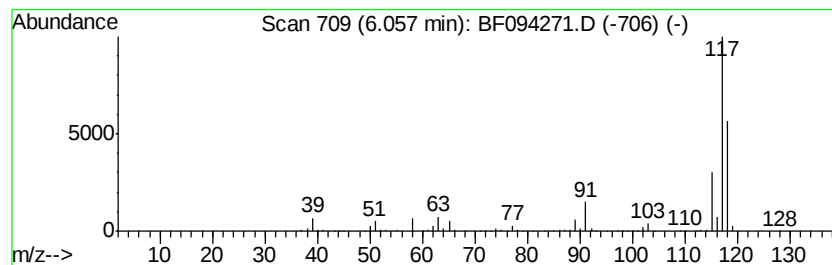
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	83.90 ng	4535220	1,4-Dichlorobenzene-d4	5.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	72
4	7-Methylenecycloocta-1,3,5-triene		118	C9H10	002570-13-0	59
5	Benzene, 1,1'-(1,5-hexadiene-1,6...		234	C18H18	004439-45-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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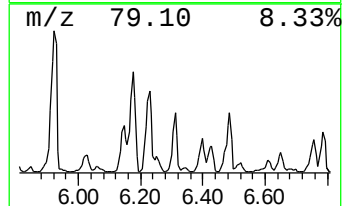
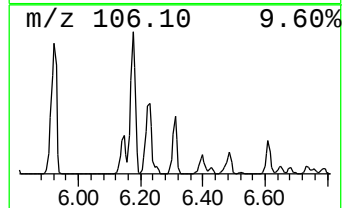
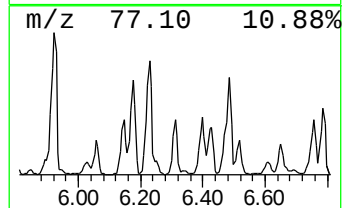
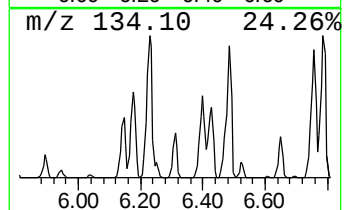
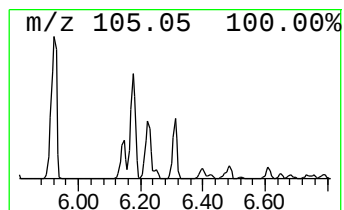
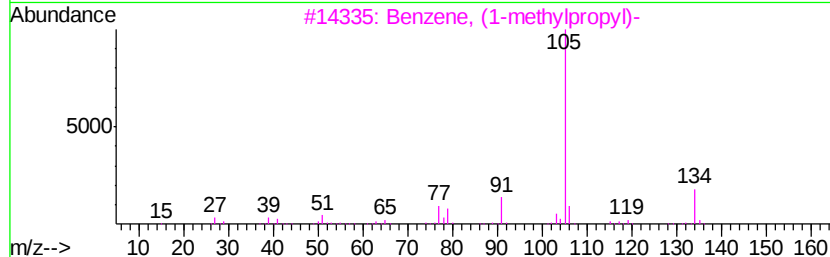
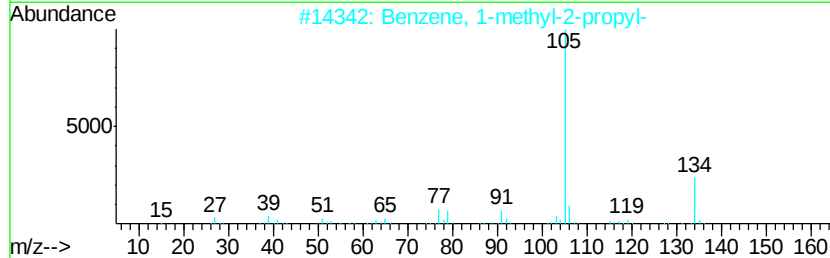
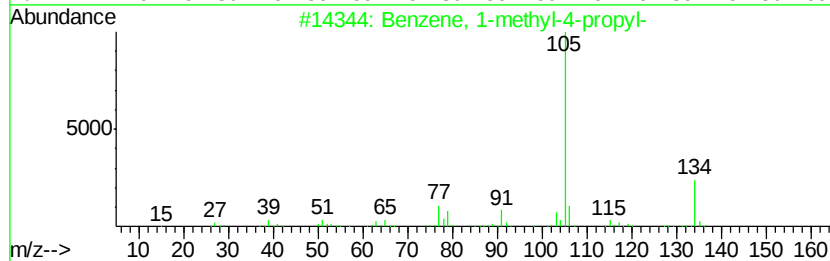
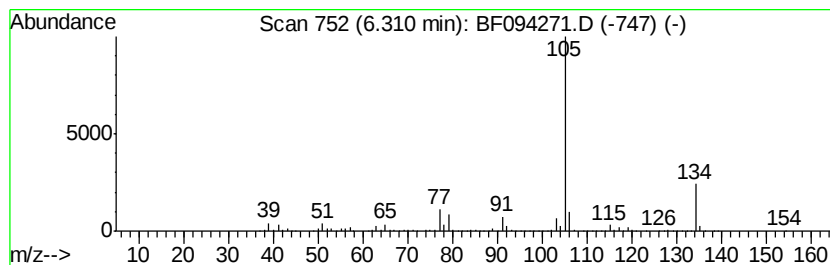
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	29.71 ng	1605810	1,4-Dichlorobenzene-d4	5.85

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	94
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1

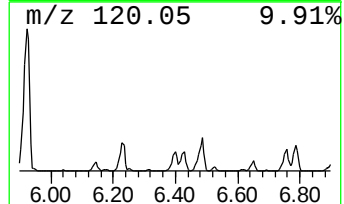
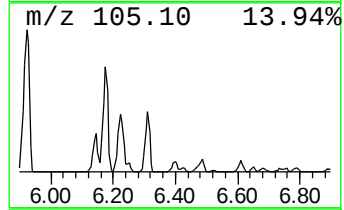
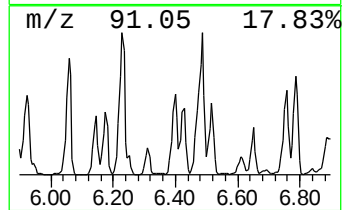
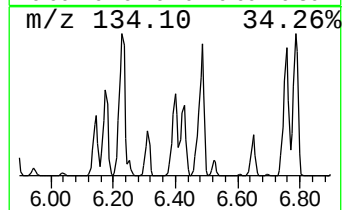
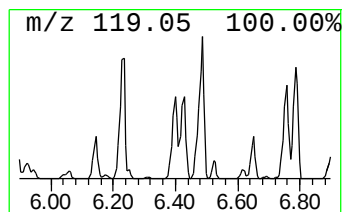
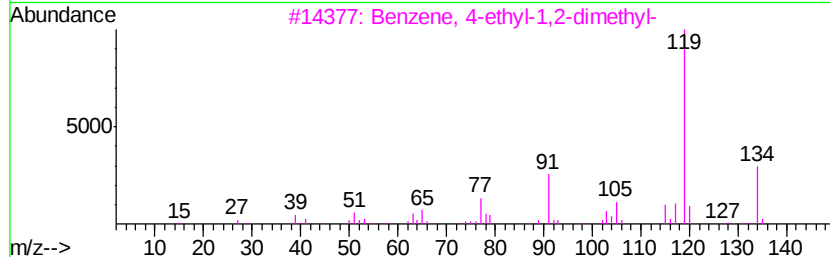
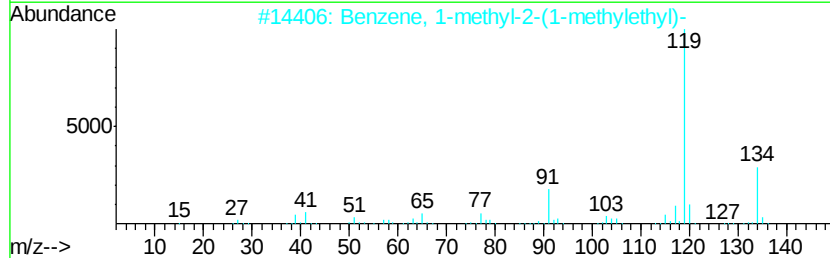
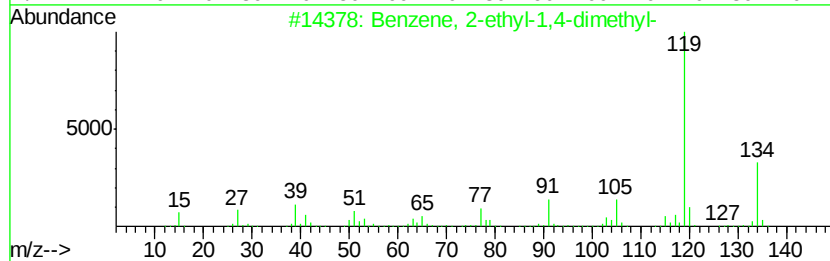
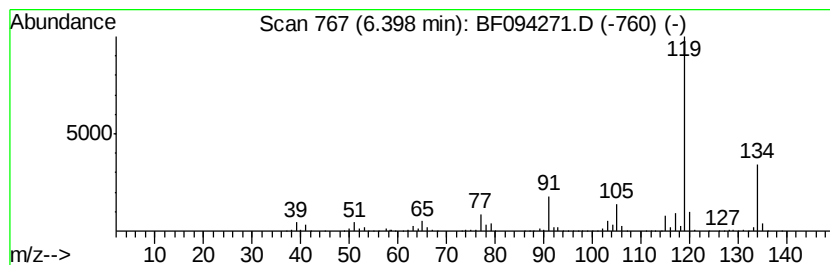
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	53.49 ng	2891500	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1

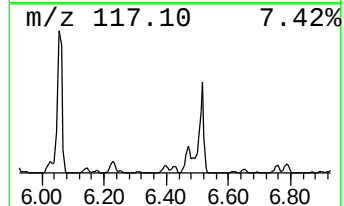
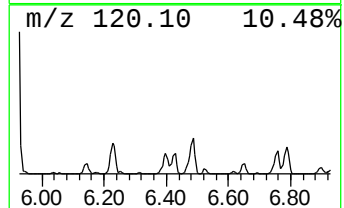
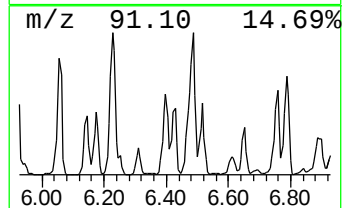
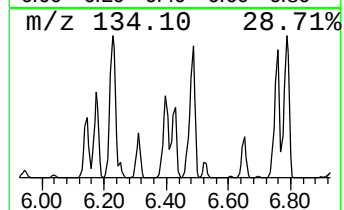
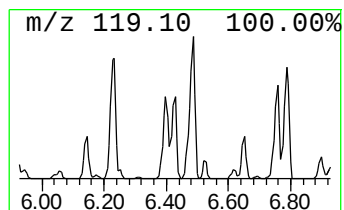
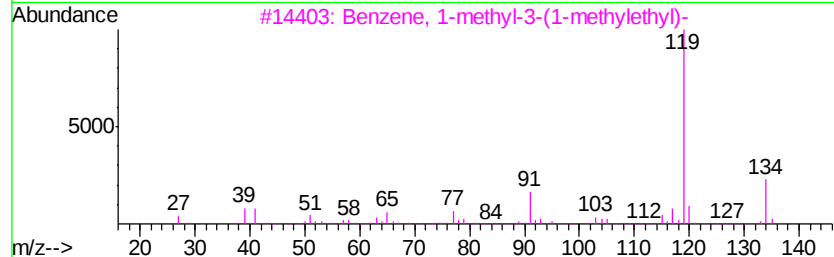
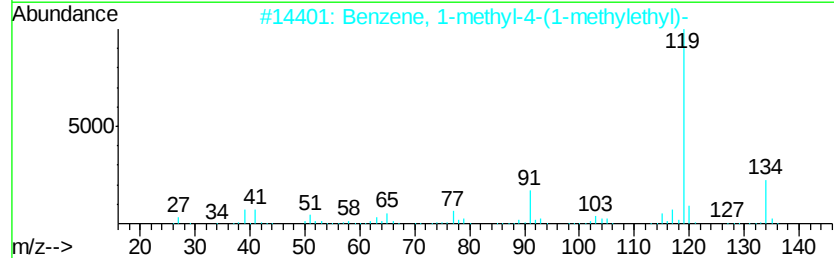
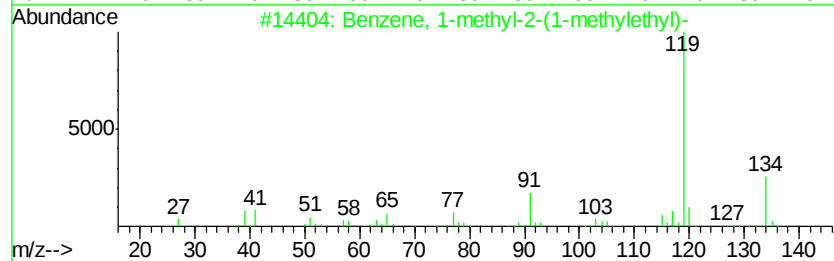
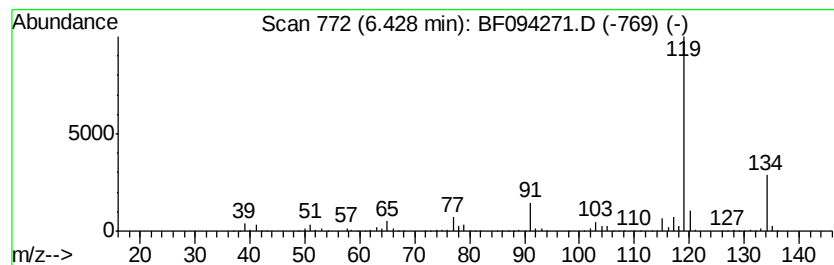
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-2-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	39.49 ng	2134450	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1

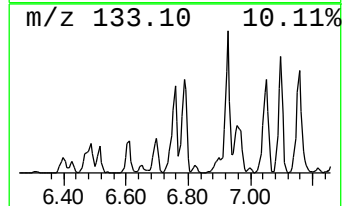
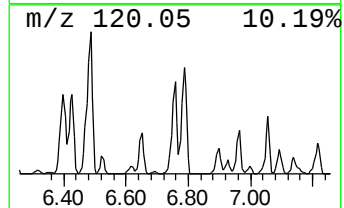
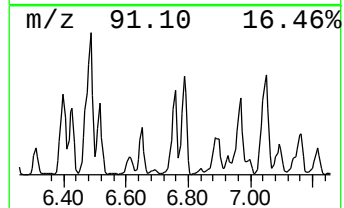
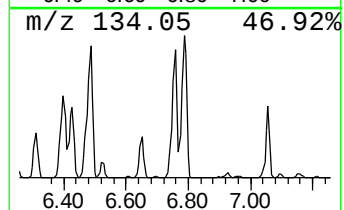
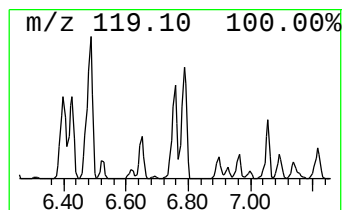
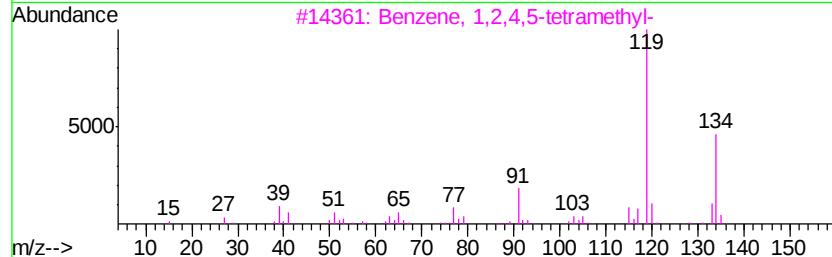
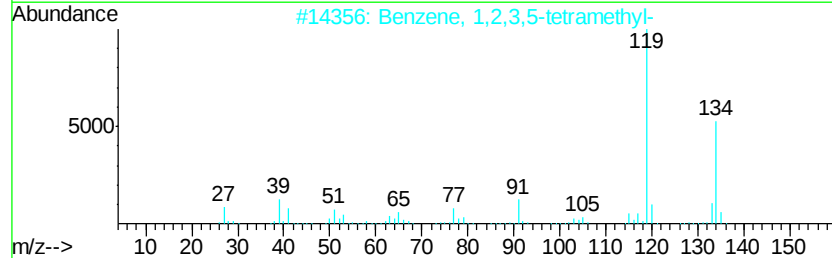
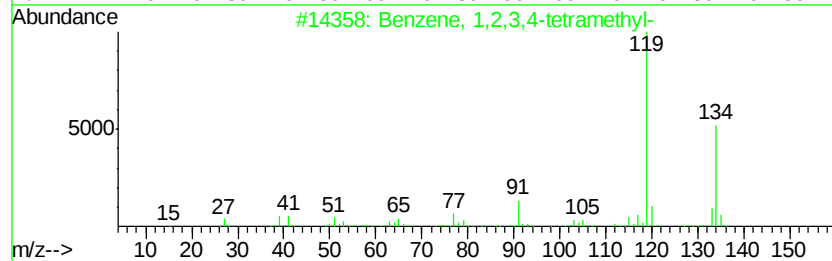
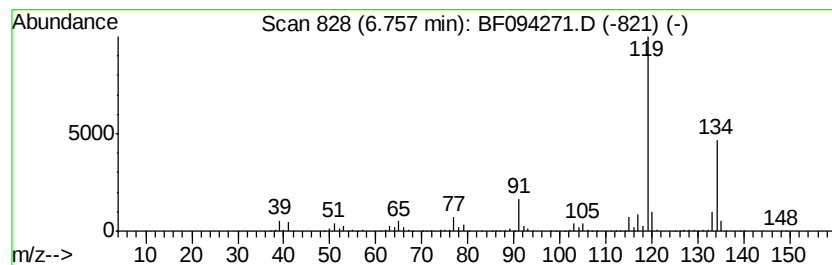
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	17.58 ng	3201630	Naphthalene-d8	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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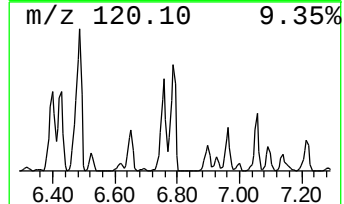
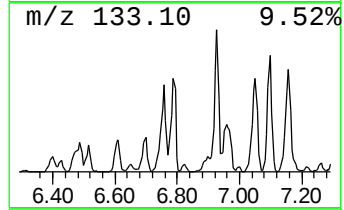
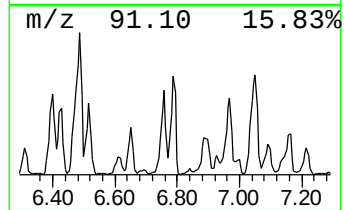
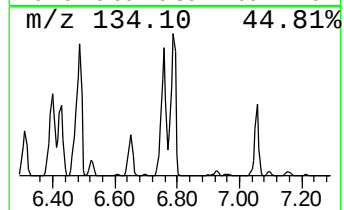
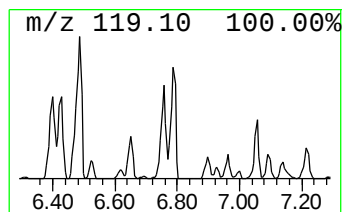
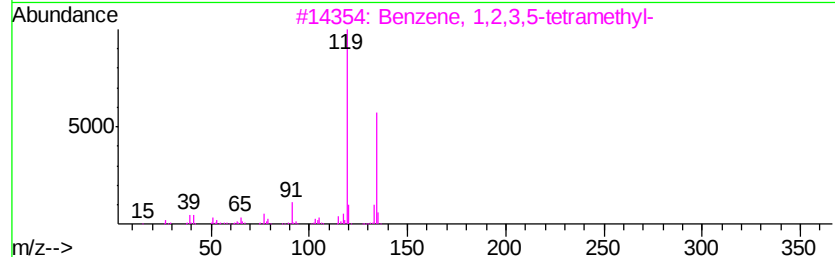
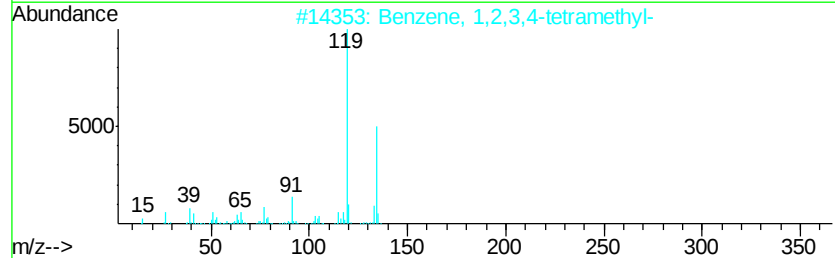
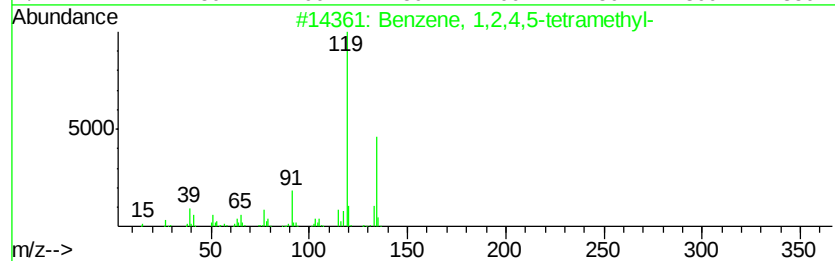
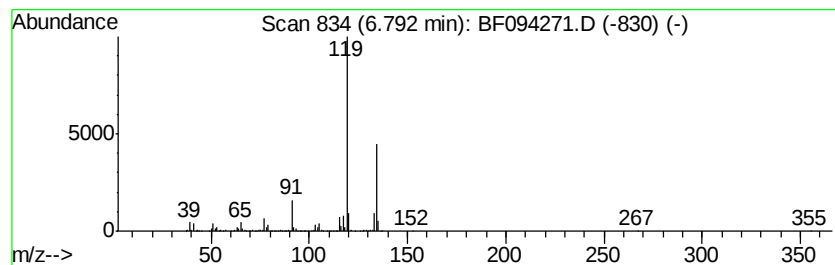
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	18.37 ng	3345160	Naphthalene-d8	7.35

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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1

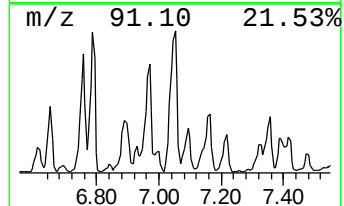
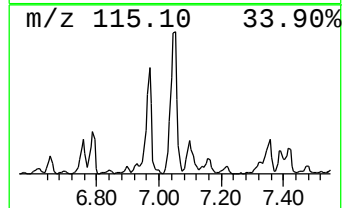
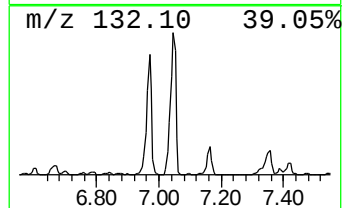
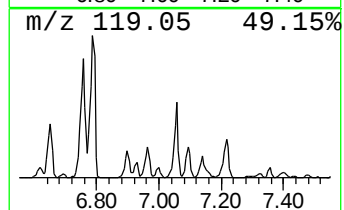
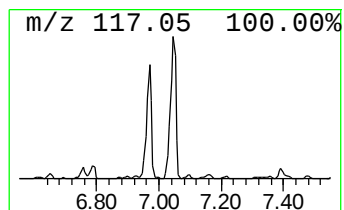
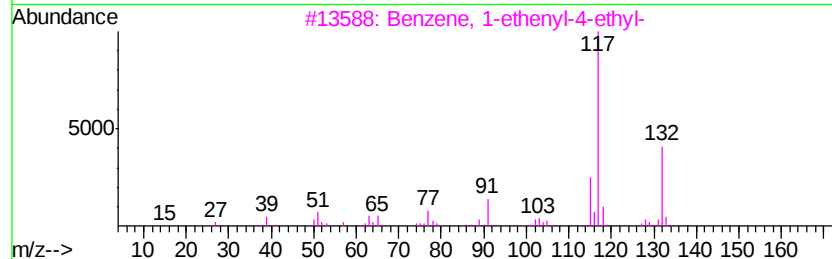
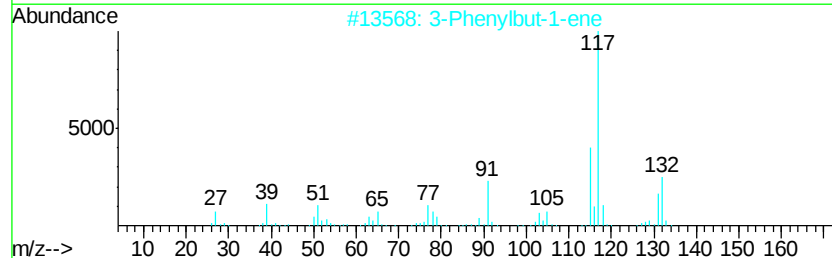
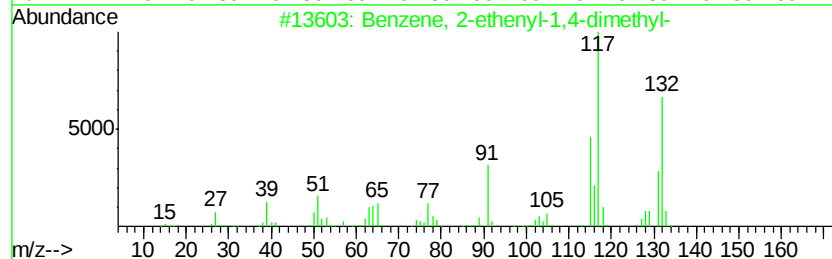
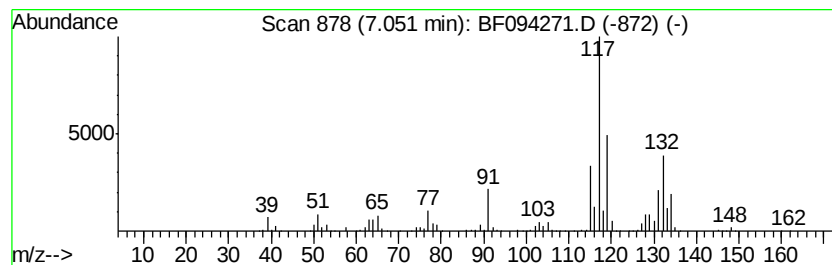
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	33.96 ng	6184800	Naphthalene-d8	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TW-1

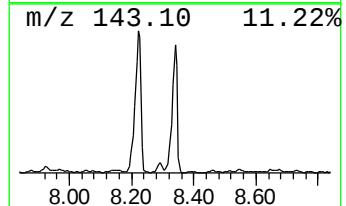
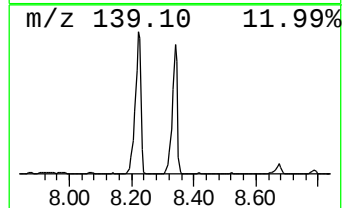
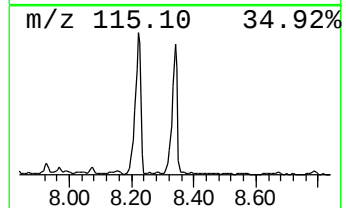
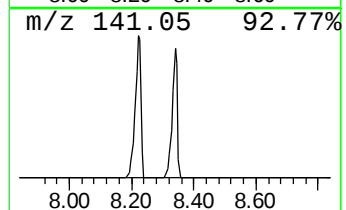
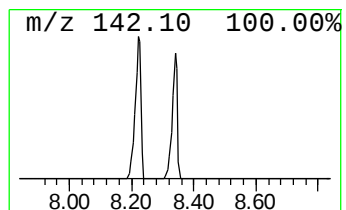
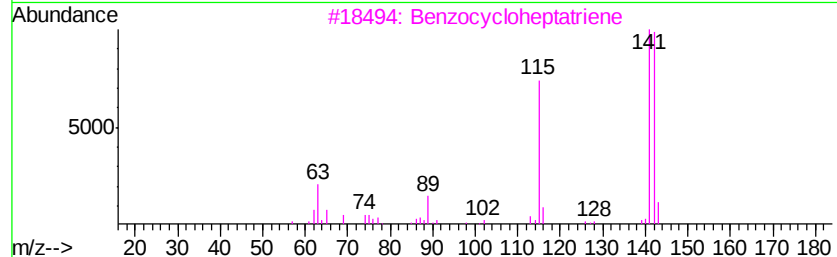
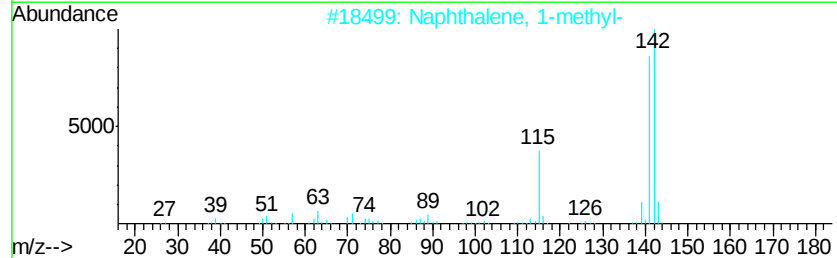
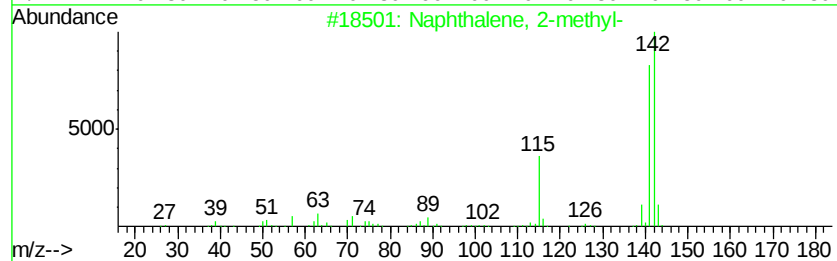
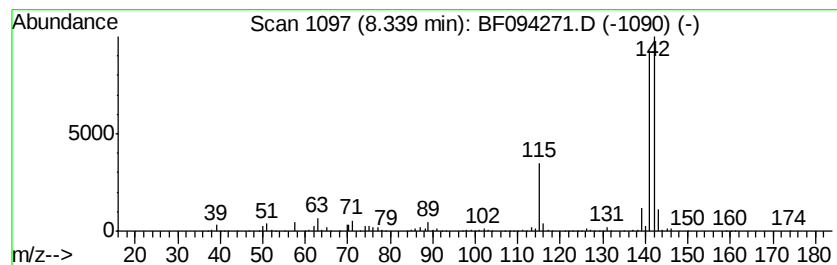
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	26.53 ng	4833130	Naphthalene-d8	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094271.D
Acq On : 7 Apr 2017 14:24
Operator : SJ/MA
Sample : I2528-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1

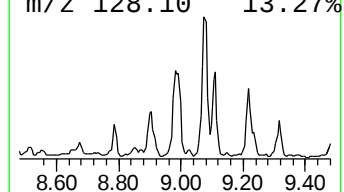
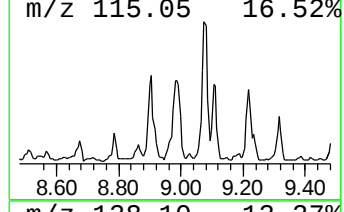
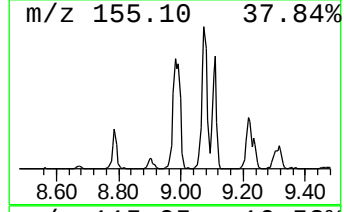
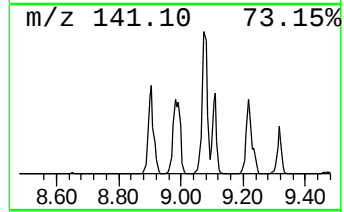
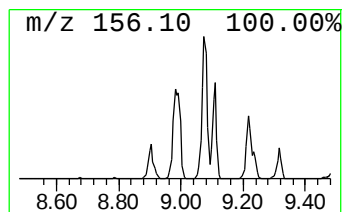
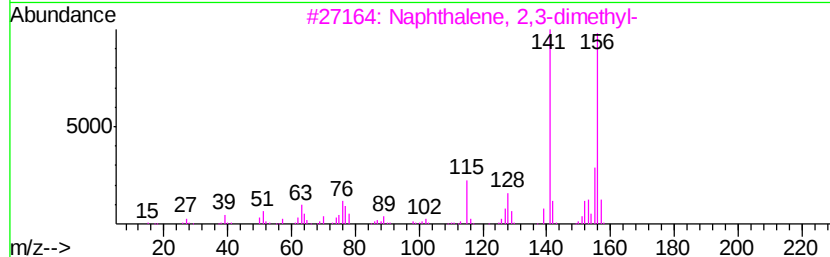
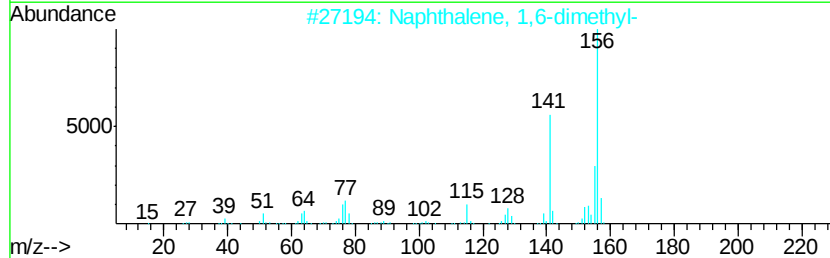
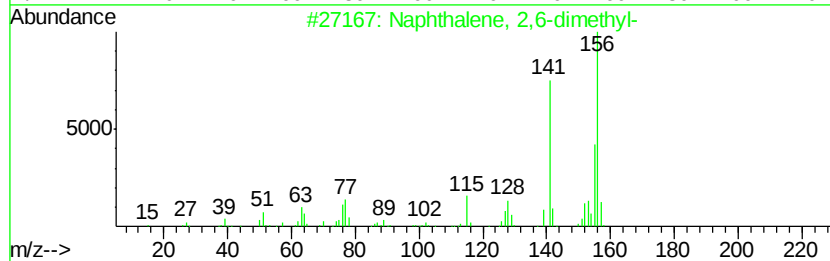
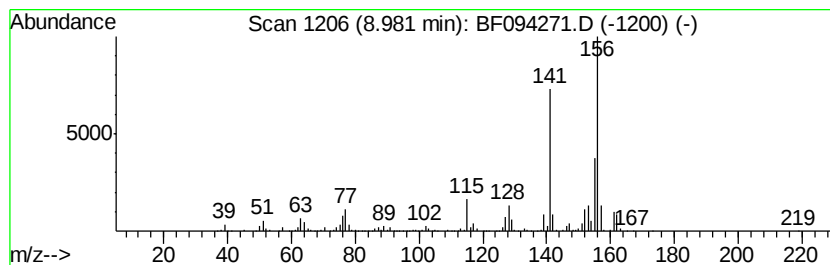
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	14.91 ng	1454390	Acenaphthene-d10	9.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
 Data File : BF094271.D
 Acq On : 7 Apr 2017 14:24
 Operator : SJ/MA
 Sample : I2528-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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
1,3-Dimethyl-1-cy...	3.59	10.2	ng	552200	1	5.85	1081080	20.0
Benzene, 1,3-dime...	4.62	144.5	ng	7810480	1	5.85	1081080	20.0
Benzene, 1-ethyl-...	5.33	159.3	ng	8608750	1	5.85	1081080	20.0
Benzene, 1-ethyl-...	5.36	83.0	ng	4486740	1	5.85	1081080	20.0
unknown5.59	5.59	68.9	ng	3724450	1	5.85	1081080	20.0
Benzene, 1,2,3-tr...	5.67	202.9	ng	10968300	1	5.85	1081080	20.0
Benzene, 1,3,5-tr...	5.92	96.5	ng	5216510	1	5.85	1081080	20.0
Indane	6.06	83.9	ng	4535220	1	5.85	1081080	20.0
Benzene, 1-methyl...	6.31	29.7	ng	1605810	1	5.85	1081080	20.0
Benzene, 2-ethyl-...	6.40	53.5	ng	2891500	1	5.85	1081080	20.0
Benzene, 1-methyl...	6.43	39.5	ng	2134450	1	5.85	1081080	20.0
Benzene, 1,2,3,4-...	6.76	17.6	ng	3201630	2	7.35	3642860	20.0
Benzene, 1,2,4,5-...	6.79	18.4	ng	3345160	2	7.35	3642860	20.0
Benzene, 2-etheny...	7.05	34.0	ng	6184800	2	7.35	3642860	20.0
Naphthalene, 2-me...	8.34	26.5	ng	4833130	2	7.35	3642860	20.0
Naphthalene, 2,6-...	8.98	14.9	ng	1454390	3	9.49	1951250	20.0