

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081700.D
 Acq On : 18 Sep 2015 16:50
 Operator : UM/IZ
 Sample : G3704-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-9-15-15

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-BF090115.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	1.224	9	12	15	rVB	2464329	3416425	74.66%	6.328%
2	1.441	29	31	37	rBV	129222	354317	7.74%	0.656%
3	1.521	37	38	81	rVB	1171014	4575777	100.00%	8.475%
4	4.424	290	292	312	rBB	84222	204133	4.46%	0.378%
5	4.882	328	332	337	rBV	108974	224203	4.90%	0.415%
6	5.122	348	353	362	rVB	317081	649686	14.20%	1.203%
7	5.316	367	370	389	rBV	252342	562313	12.29%	1.042%
8	6.985	513	516	522	rBB	49241	80426	1.76%	0.149%
9	7.145	526	530	533	rVV	325841	537879	11.75%	0.996%
10	7.202	533	535	541	rVB	38754	66372	1.45%	0.123%
11	7.316	541	545	549	rBV	198878	320749	7.01%	0.594%
12	7.476	556	559	566	rBB	158162	269229	5.88%	0.499%
13	7.590	566	569	574	rBV	132408	320500	7.00%	0.594%
14	7.682	574	577	584	rVV	667744	1182607	25.84%	2.190%
15	7.808	584	588	591	rVV	818142	1296914	28.34%	2.402%
16	8.162	616	619	623	rBV	145599	253591	5.54%	0.470%
17	8.310	628	632	635	rBV	430794	741924	16.21%	1.374%
18	8.493	644	648	651	rBV	804808	1379604	30.15%	2.555%
19	8.550	651	653	659	rVB	165165	265767	5.81%	0.492%
20	8.859	677	680	684	rVB	66619	103392	2.26%	0.192%
21	8.973	684	690	694	rBV2	100277	242537	5.30%	0.449%
22	9.111	698	702	705	rBV	53128	92785	2.03%	0.172%
23	9.293	714	718	720	rBV	73428	133823	2.92%	0.248%
24	9.339	720	722	724	rVV	84592	131512	2.87%	0.244%
25	9.465	728	733	736	rBV2	568800	1301507	28.44%	2.411%
26	9.762	752	759	763	rBV3	59664	133342	2.91%	0.247%
27	9.979	775	778	780	rBV	66809	102215	2.23%	0.189%
28	10.036	780	783	790	rVB	118827	194661	4.25%	0.361%
29	10.368	807	812	817	rBV	72833	158175	3.46%	0.293%
30	10.505	820	824	825	rBV	141717	252756	5.52%	0.468%
31	10.539	825	827	834	rVB	145661	259216	5.66%	0.480%
32	10.711	840	842	845	rVV	122271	218995	4.79%	0.406%
33	11.065	869	873	875	rBV	217323	375873	8.21%	0.696%
34	11.111	875	877	881	rVB2	159050	287812	6.29%	0.533%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.248	886	889	893	rVB	49780	100167	2.19%	0.186%
36	11.637	920	923	925	rBV2	39264	67857	1.48%	0.126%
37	11.797	930	937	939	rBV3	27898	62902	1.37%	0.117%
38	12.231	967	975	978	rBV	28124	63712	1.39%	0.118%
39	12.311	978	982	984	rBV	76405	152523	3.33%	0.283%
40	12.368	984	987	991	rVB3	32025	68806	1.50%	0.127%
41	12.654	1008	1012	1017	rVB2	63304	134564	2.94%	0.249%
42	12.768	1017	1022	1025	rBV	283237	536793	11.73%	0.994%
43	12.974	1036	1040	1044	rVV	179700	328834	7.19%	0.609%
44	13.488	1080	1085	1090	rBV2	28042	80860	1.77%	0.150%
45	13.705	1099	1104	1107	rBV	854045	1731261	37.84%	3.207%
46	14.105	1135	1139	1142	rVV3	31772	99477	2.17%	0.184%
47	14.185	1142	1146	1150	rVV	29871	92537	2.02%	0.171%
48	14.265	1150	1153	1160	rVV3	37145	125944	2.75%	0.233%
49	14.437	1164	1168	1170	rBV	73222	136794	2.99%	0.253%
50	14.494	1170	1173	1176	rVV	81833	149872	3.28%	0.278%
51	14.700	1186	1191	1192	rVV	38161	76029	1.66%	0.141%
52	14.757	1193	1196	1202	rVB3	56193	165356	3.61%	0.306%
53	15.077	1221	1224	1230	rBV2	51070	131130	2.87%	0.243%
54	15.191	1230	1234	1239	rVB2	198001	355009	7.76%	0.658%
55	15.877	1287	1294	1303	rVV4	37469	163630	3.58%	0.303%
56	16.083	1310	1312	1318	rVV6	17197	59914	1.31%	0.111%
57	16.220	1318	1324	1326	rVV4	21316	81680	1.79%	0.151%
58	16.494	1344	1348	1352	rBV3	24153	60146	1.31%	0.111%
59	17.100	1396	1401	1404	rBV	606808	1060076	23.17%	1.963%
60	17.271	1413	1416	1423	rVB2	141415	368328	8.05%	0.682%
61	17.660	1446	1450	1455	rBV	285234	591302	12.92%	1.095%
62	17.786	1455	1461	1465	rVV	1053190	2344208	51.23%	4.342%
63	17.877	1465	1469	1471	rVV	1055692	2457952	53.72%	4.553%
64	17.923	1471	1473	1475	rVV	732939	1291309	28.22%	2.392%
65	17.980	1475	1478	1482	rVV2	954077	2122417	46.38%	3.931%
66	18.094	1482	1488	1490	rVV	500331	1258156	27.50%	2.330%
67	18.186	1493	1496	1502	rVV3	718139	1813244	39.63%	3.358%
68	18.311	1502	1507	1510	rVV	1264398	2364570	51.68%	4.380%
69	18.380	1510	1513	1523	rVB2	582338	1194314	26.10%	2.212%
70	18.700	1538	1541	1547	rBV	209925	413831	9.04%	0.766%
71	19.969	1649	1652	1656	rBV	29427	57320	1.25%	0.106%

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72	20.289	1676	1680	1684	rBV	159334	307151	6.71%	0.569%
73	20.403	1686	1690	1693	rVV	240808	534862	11.69%	0.991%
74	20.506	1693	1699	1703	rVV2	409875	1295844	28.32%	2.400%
75	20.586	1703	1706	1712	rVV2	332790	690692	15.09%	1.279%
76	20.735	1712	1719	1723	rVV4	309933	1426228	31.17%	2.642%
77	20.803	1723	1725	1727	rVV	224413	359404	7.85%	0.666%
78	20.860	1727	1730	1733	rVV	416607	721205	15.76%	1.336%
79	20.940	1733	1737	1742	rVB	272072	548758	11.99%	1.016%
80	21.157	1750	1756	1763	rVB3	85839	178772	3.91%	0.331%
81	21.340	1767	1772	1775	rBV3	37834	88419	1.93%	0.164%
82	21.512	1784	1787	1789	rBV2	59054	119134	2.60%	0.221%
83	21.580	1789	1793	1795	rVV2	49771	136685	2.99%	0.253%
84	21.626	1795	1797	1800	rVV	85019	163218	3.57%	0.302%
85	21.683	1800	1802	1806	rVV2	158654	300024	6.56%	0.556%
86	21.752	1806	1808	1809	rVV	41438	62618	1.37%	0.116%
87	21.786	1809	1811	1814	rVV	78629	118586	2.59%	0.220%
88	22.072	1832	1836	1839	rBV	1239600	1641755	35.88%	3.041%
89	22.220	1846	1849	1851	rBV	46461	58965	1.29%	0.109%
90	22.289	1851	1855	1856	rVV	103109	132515	2.90%	0.245%
91	22.323	1856	1858	1861	rVV3	107613	303291	6.63%	0.562%
92	22.369	1861	1862	1866	rVV2	100527	211641	4.63%	0.392%
93	22.460	1866	1870	1872	rVV3	133381	341718	7.47%	0.633%
94	22.540	1875	1877	1880	rVV	155653	282853	6.18%	0.524%
95	22.586	1880	1881	1883	rVV	69336	78601	1.72%	0.146%
96	23.318	1942	1945	1946	rBV	61519	81776	1.79%	0.151%
97	23.341	1946	1947	1950	rVV	252224	298689	6.53%	0.553%
98	23.569	1965	1967	1968	rVV	71224	93247	2.04%	0.173%
99	23.592	1968	1969	1973	rVV2	73425	158161	3.46%	0.293%
100	24.781	2071	2073	2076	rVB	202966	201050	4.39%	0.372%

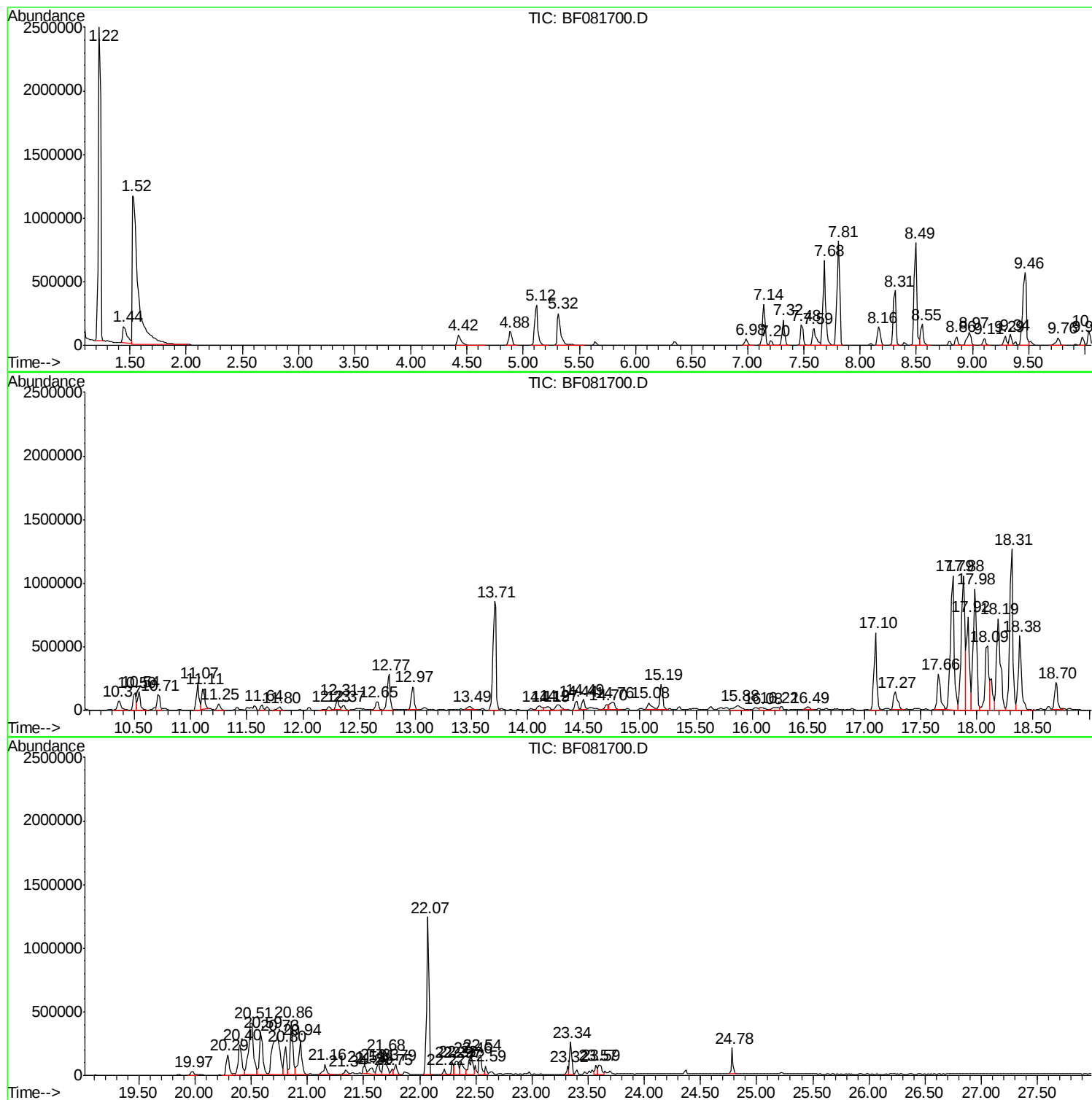
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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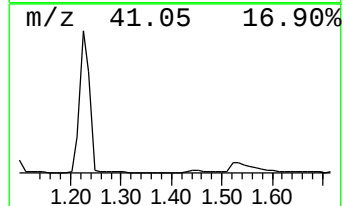
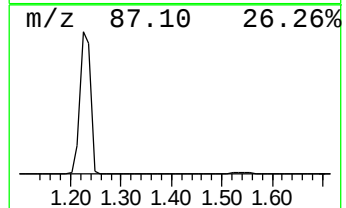
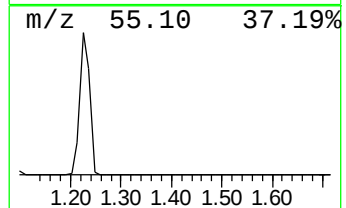
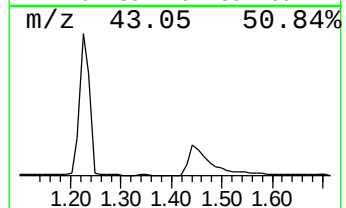
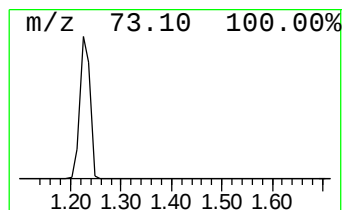
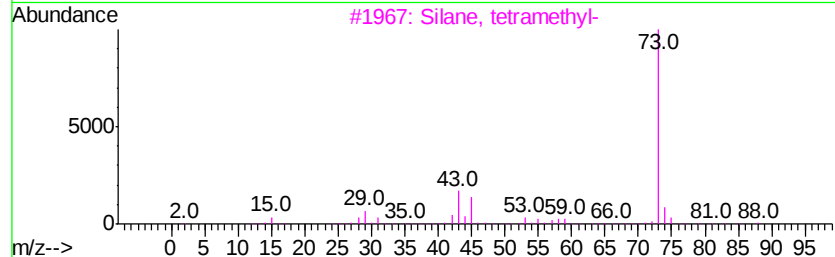
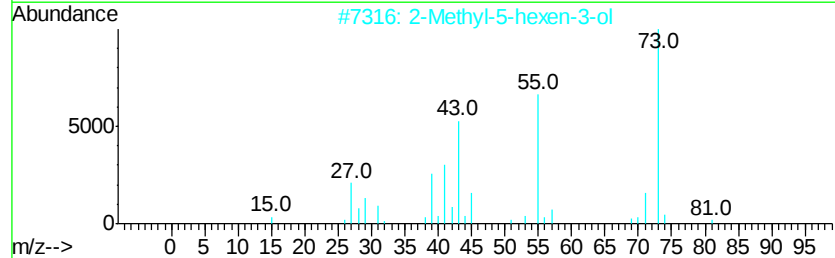
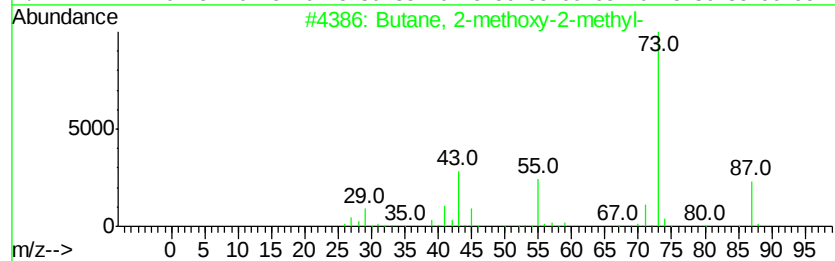
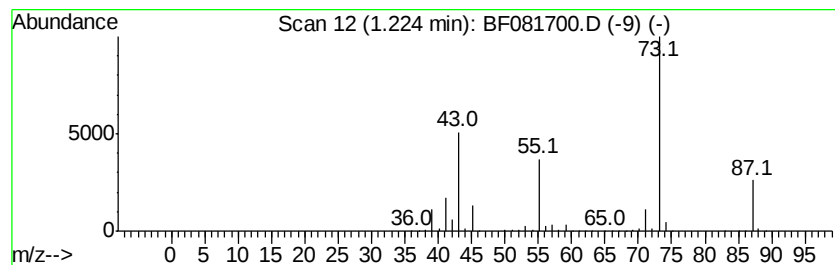
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.22	269.44 ng	3416430	1,4-Dichlorobenzene-d4	8.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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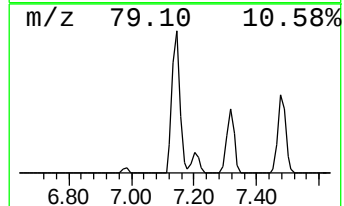
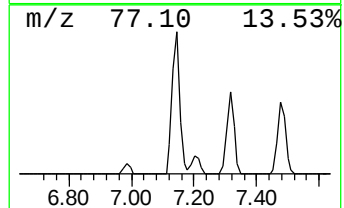
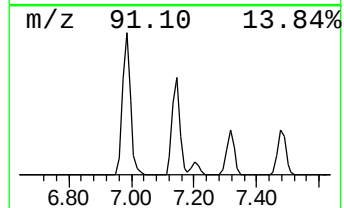
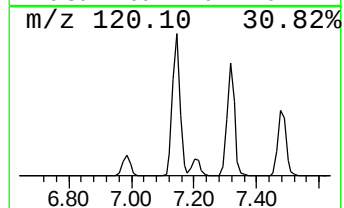
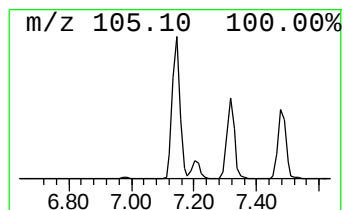
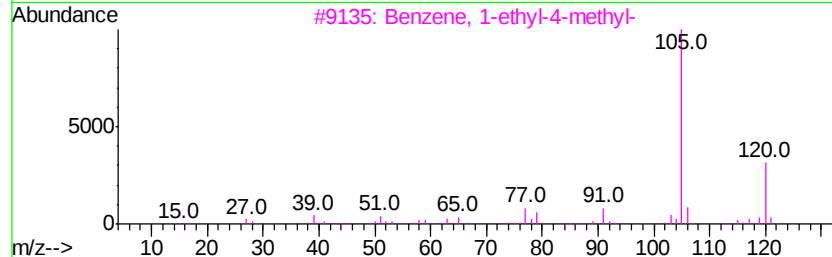
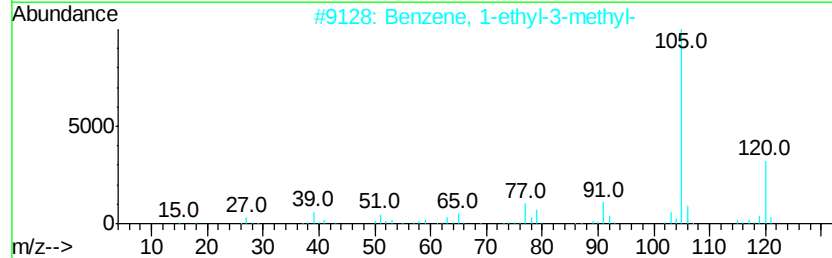
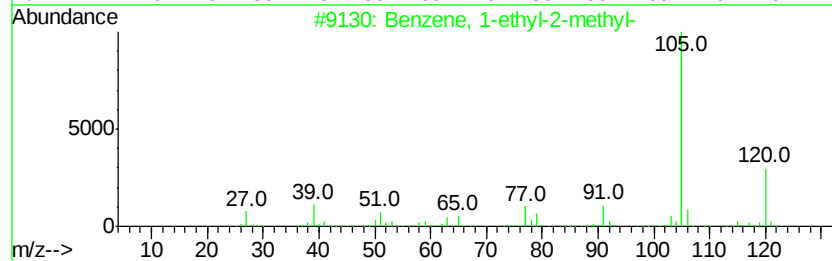
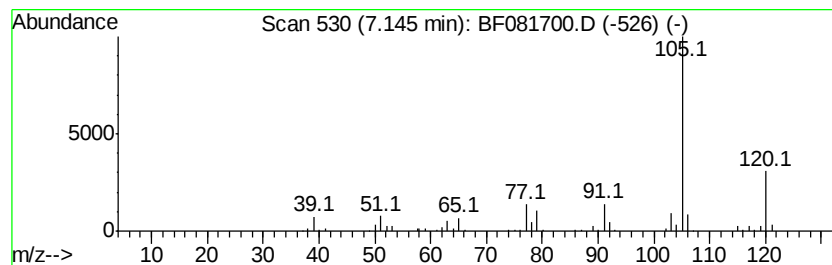
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	42.42 ng	537879	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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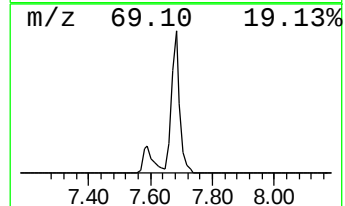
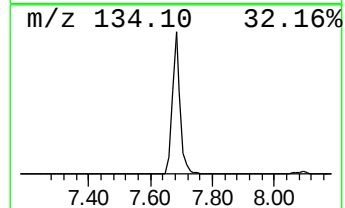
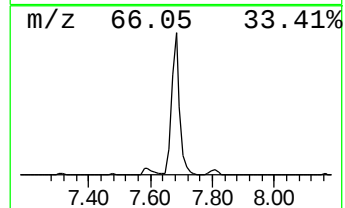
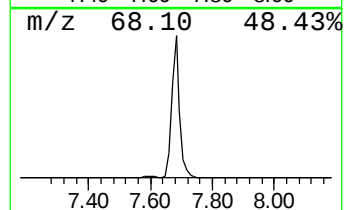
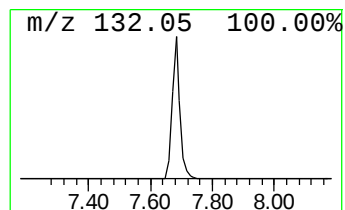
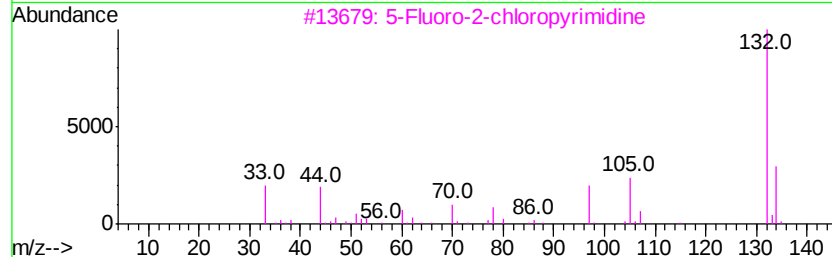
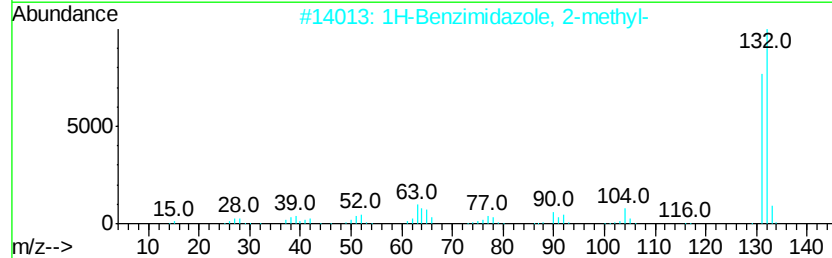
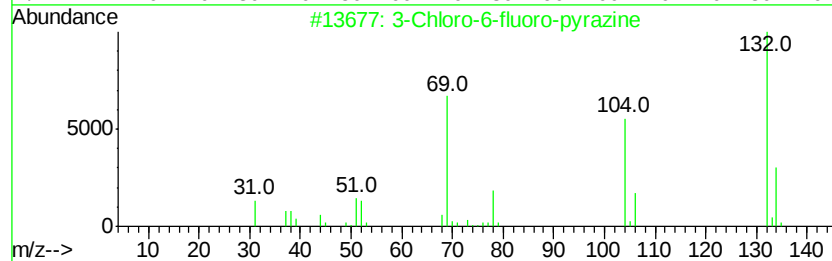
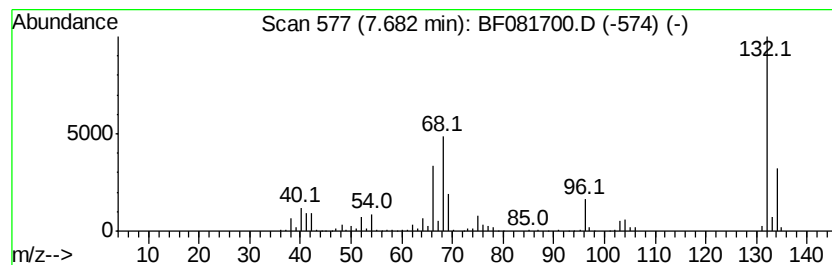
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Peak Number 5 unknown7.68 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	93.27 ng	1182610	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE			132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-			132	C6H3F3	000367-23-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-4-9-15-15

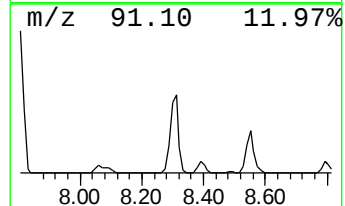
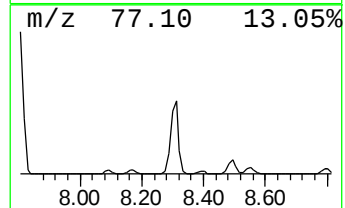
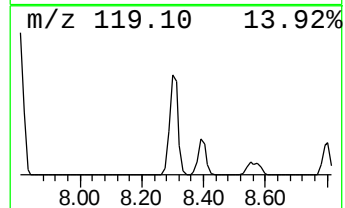
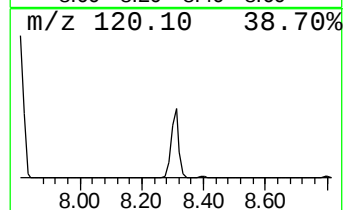
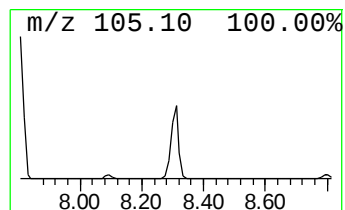
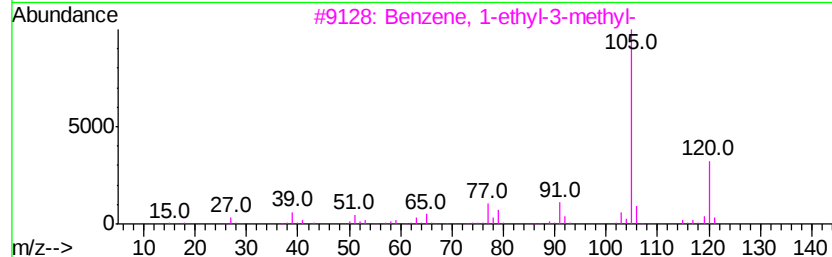
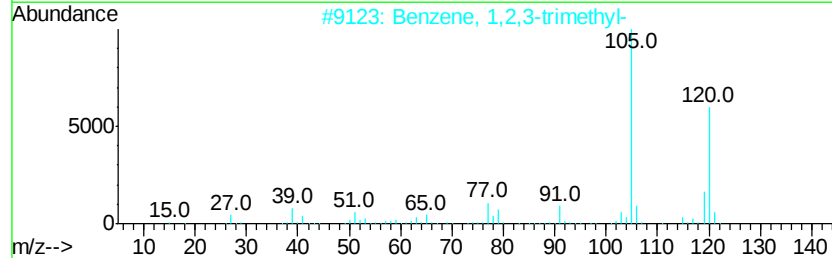
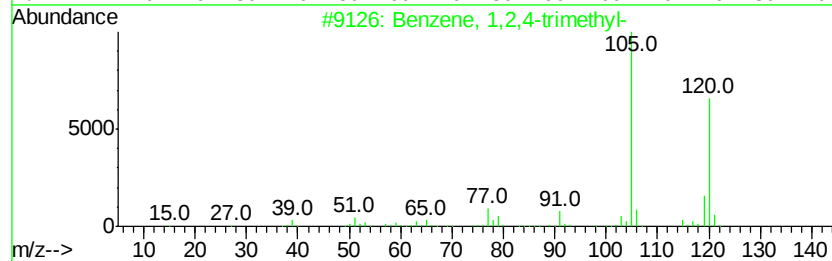
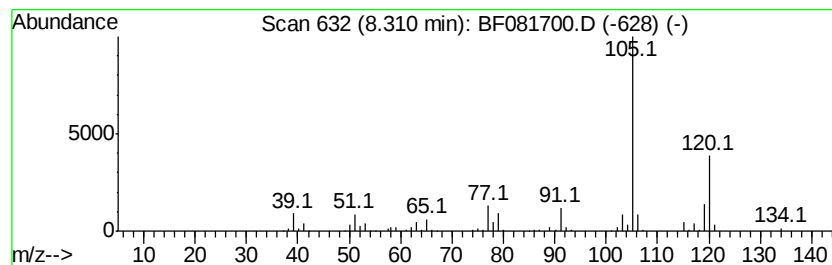
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	58.51 ng	741924	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-4-9-15-15

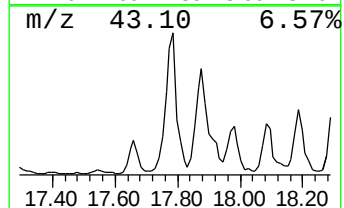
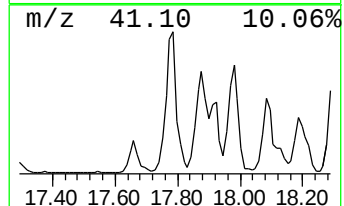
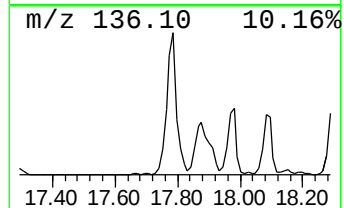
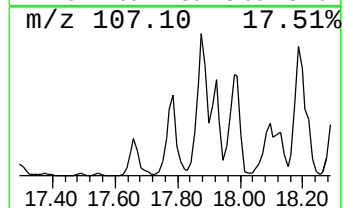
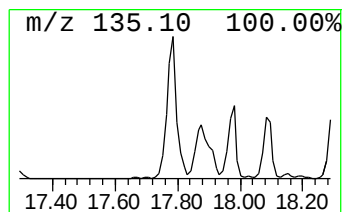
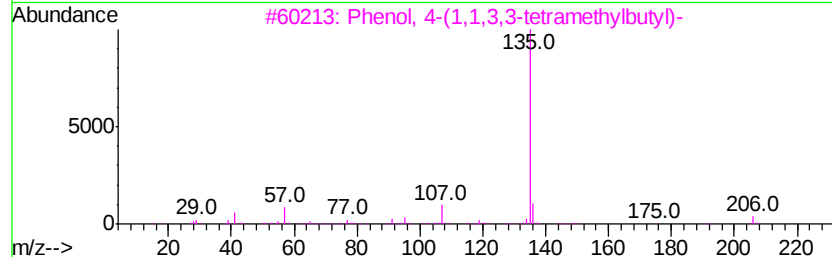
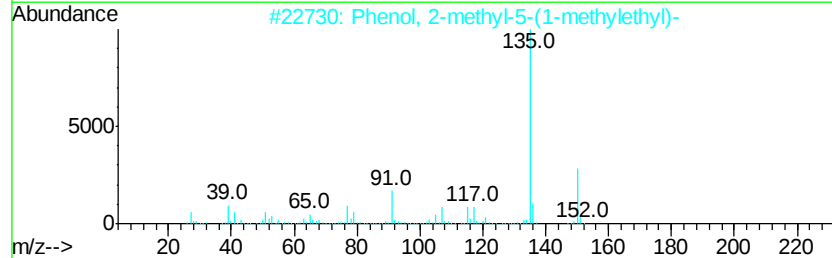
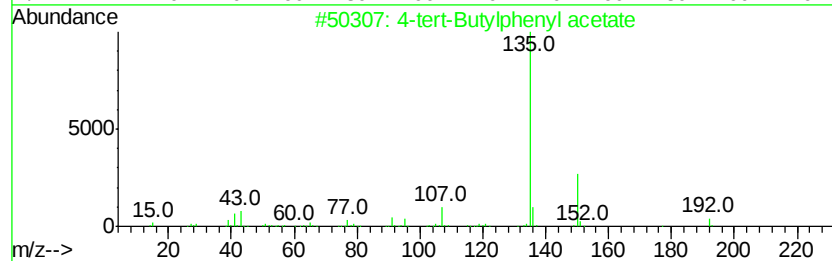
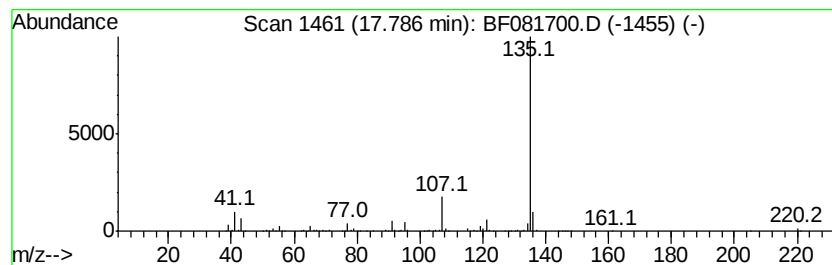
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4-tert-Butylphenyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	113.29 ng	2344210	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4		1-n-Hexyladamantane	220	C16H28	022458-75-9	59
5		Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
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Misc :
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Instrument :
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ClientSampleId :
MW-4-9-15-15

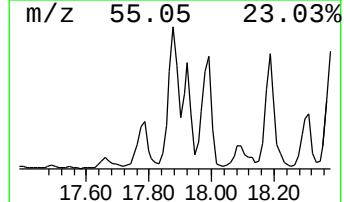
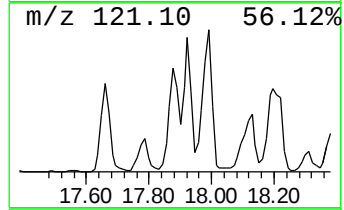
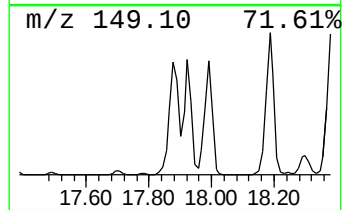
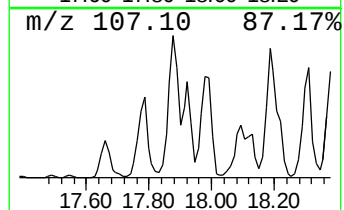
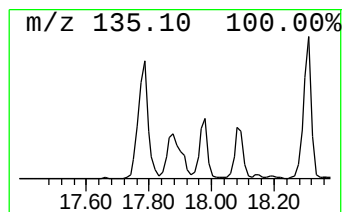
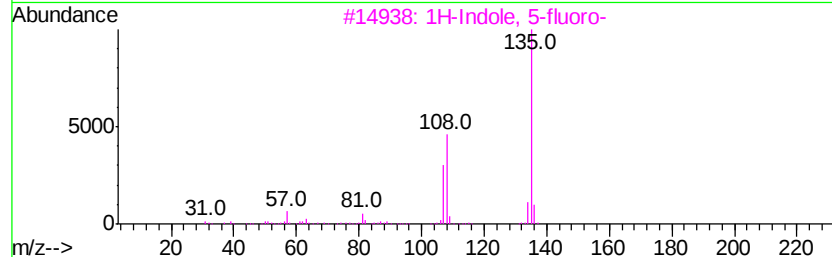
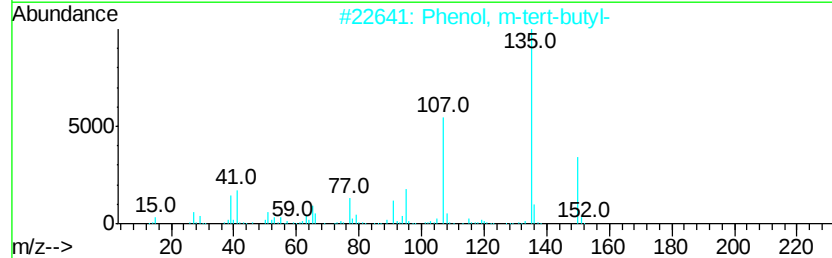
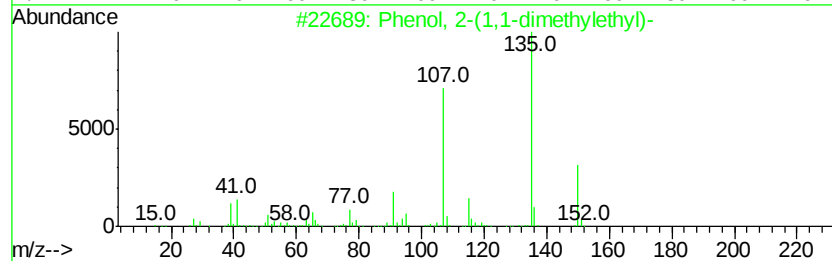
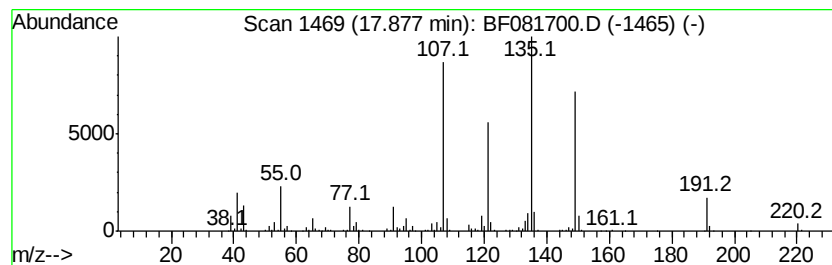
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	118.79 ng	2457950	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	70
2		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
3		1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	38
4		1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	27
5		m-Aminobenzamidine	135	C7H9N3	003459-66-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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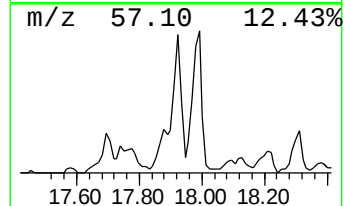
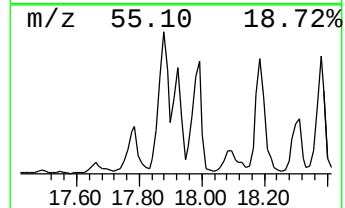
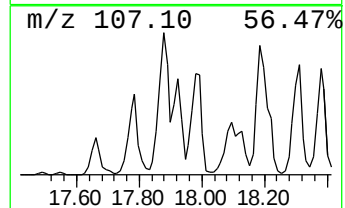
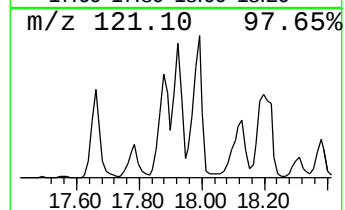
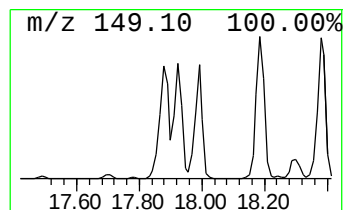
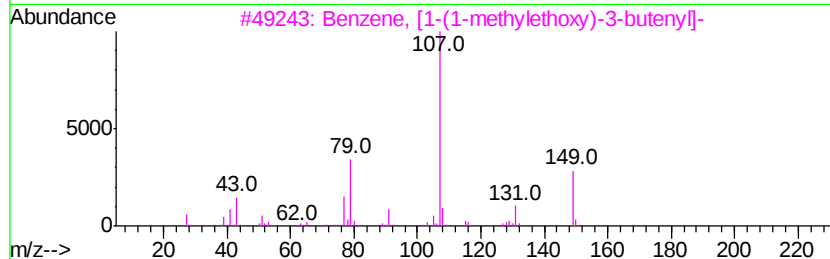
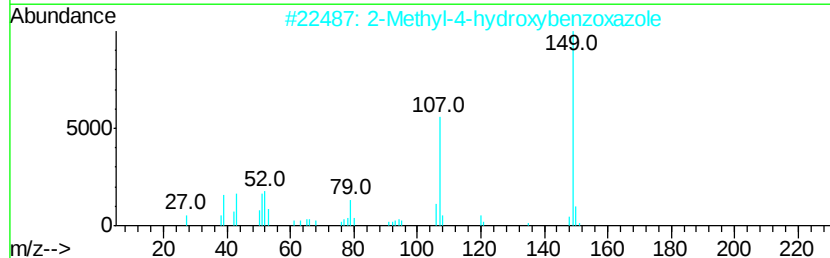
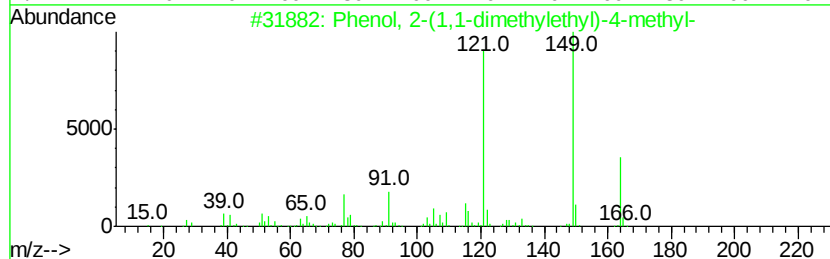
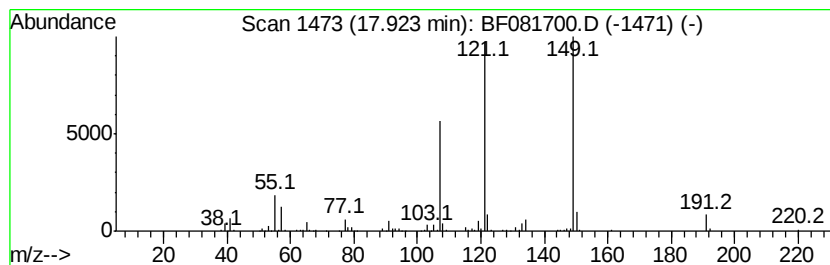
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.92 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	62.41 ng	1291310	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	45
2		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	37
3		Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	37
4		7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	35
5		Paroxypropione	150	C9H10O2	000070-70-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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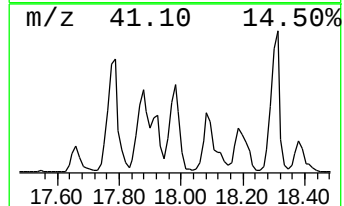
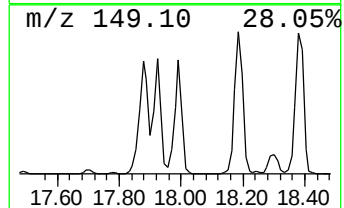
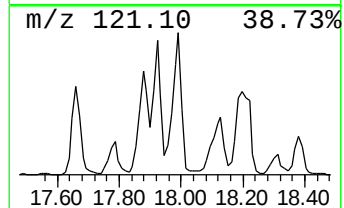
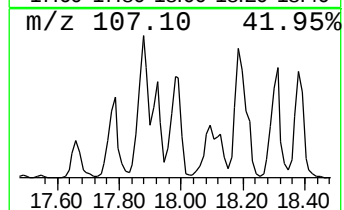
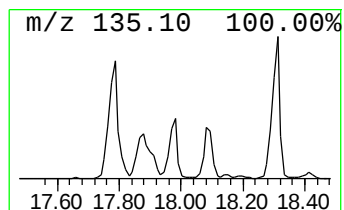
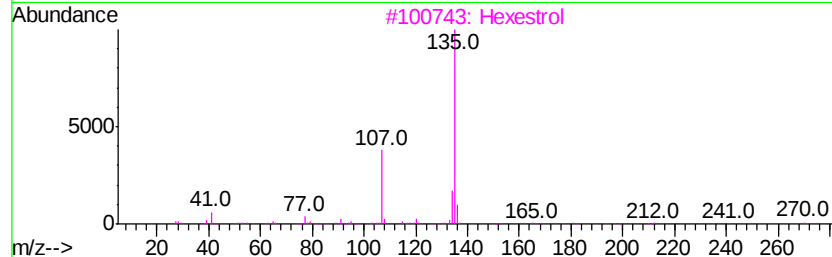
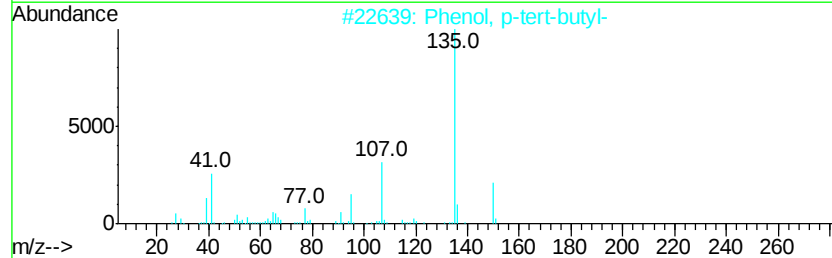
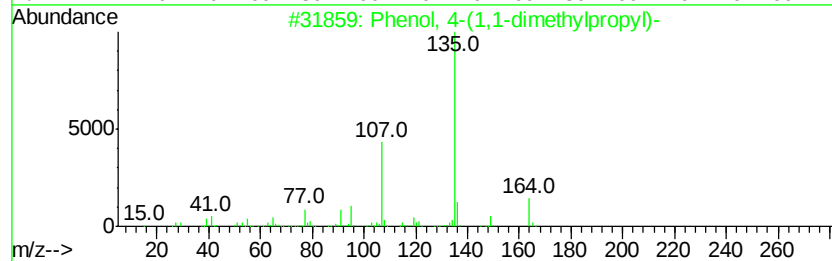
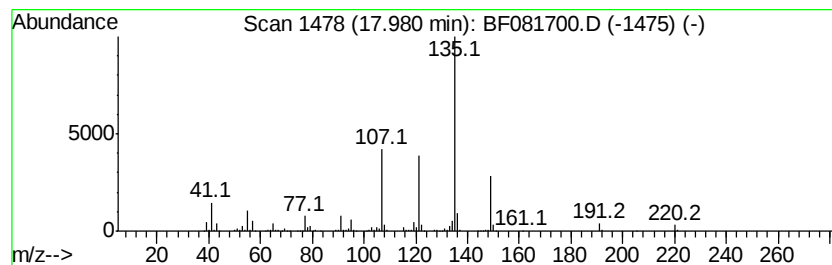
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	102.57 ng	2122420	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
2		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
3		Hexestrol	270	C18H22O2	005635-50-7	53
4		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	53
5		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
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Misc :
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ClientSampleId :
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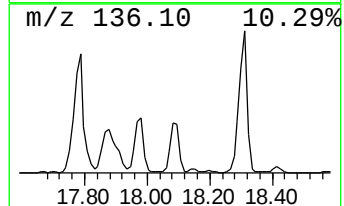
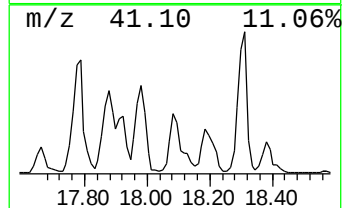
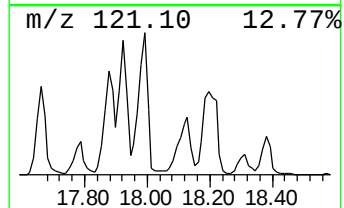
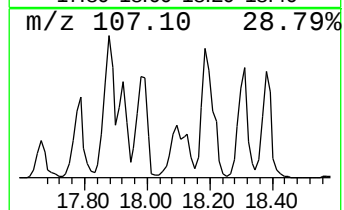
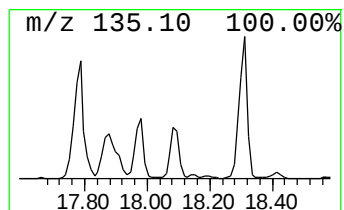
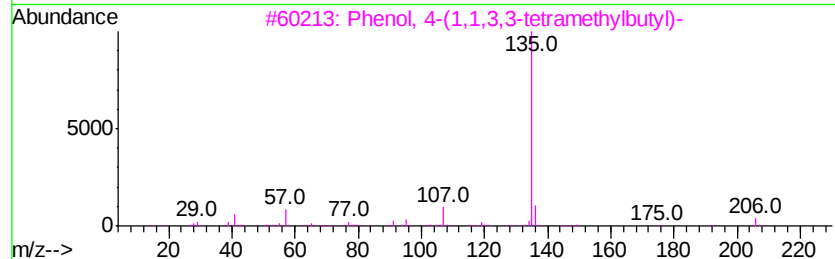
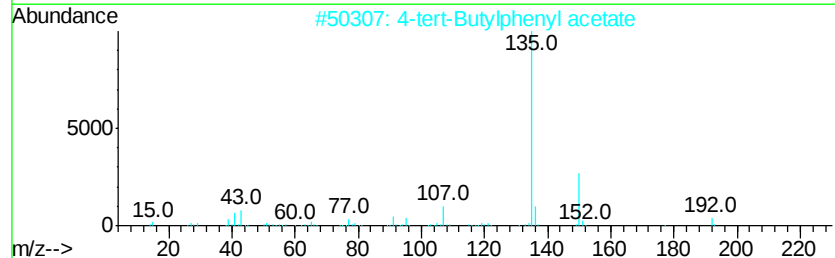
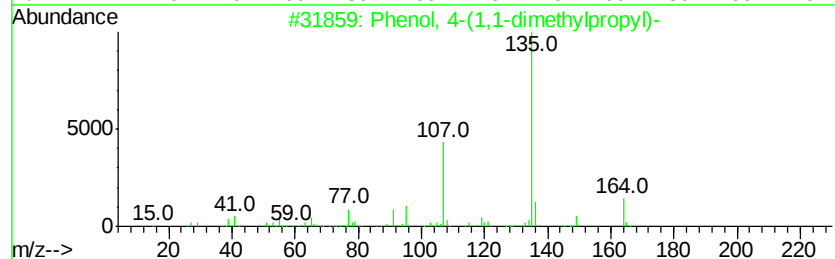
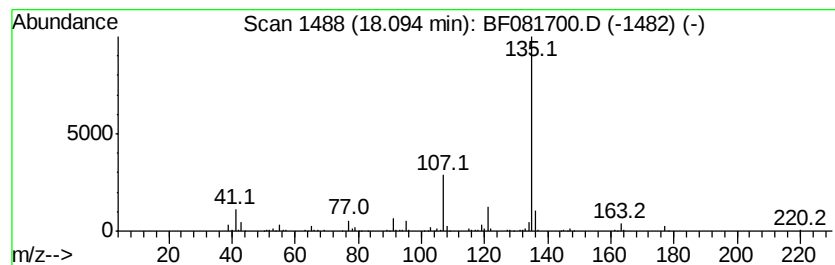
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	60.81 ng	1258160	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	83
2		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	59
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
4		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	59
5		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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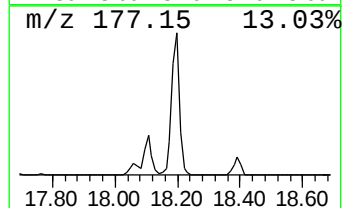
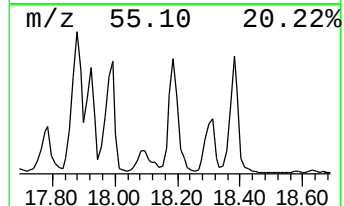
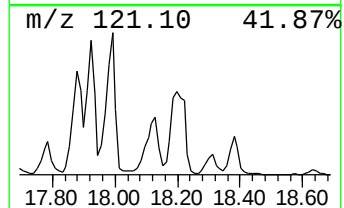
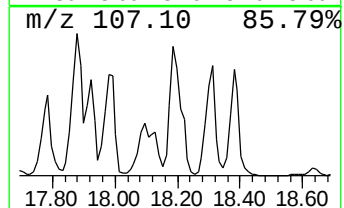
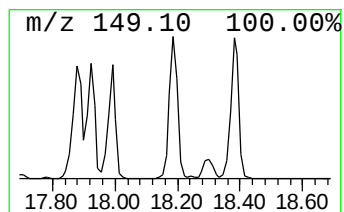
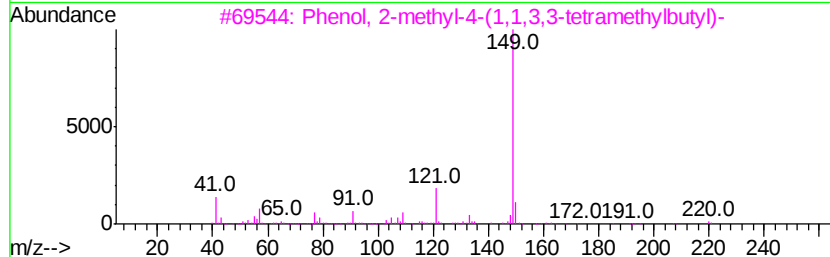
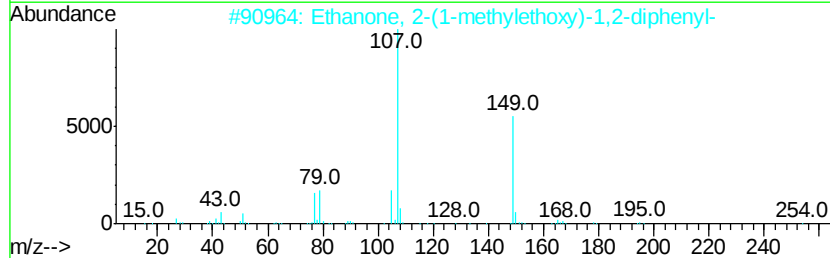
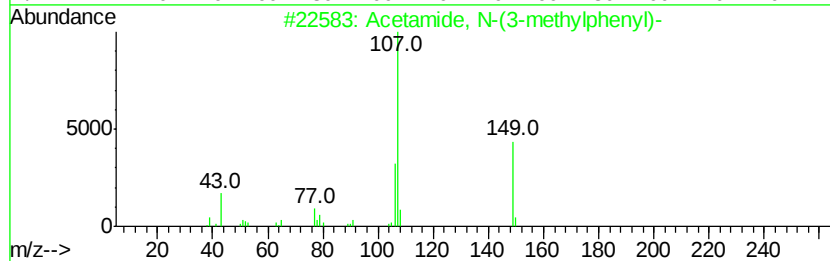
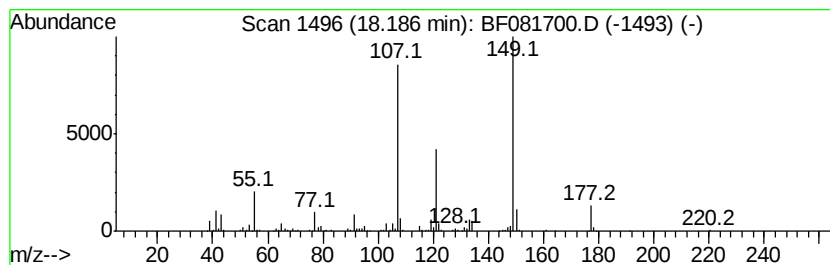
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Acetamide, N-(3-methylphenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	87.63 ng	1813240	Phenanthrene-d10	18.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2			Ethanone, 2-(1-methylethoxy)-1,2-diphenyl-	254	C17H18O2	006652-28-4	50
3			Phenol, 2-methyl-4-(1,1,3,3-tetramethylbutyl)-	220	C15H24O	002219-84-3	43
4			2H-Indol-2-one, 1,3-dihydro-5-hydroxy-	149	C8H7NO2	003416-18-0	38
5			Phenol, 4-butyl-	150	C10H14O	001638-22-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

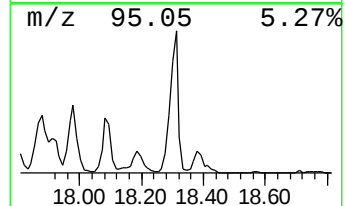
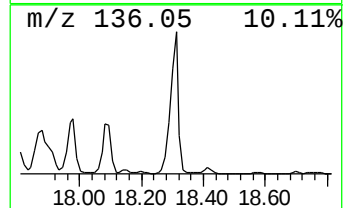
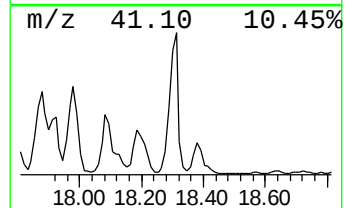
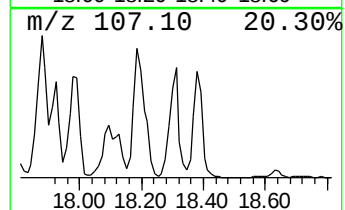
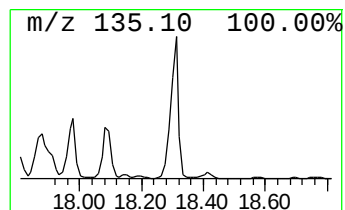
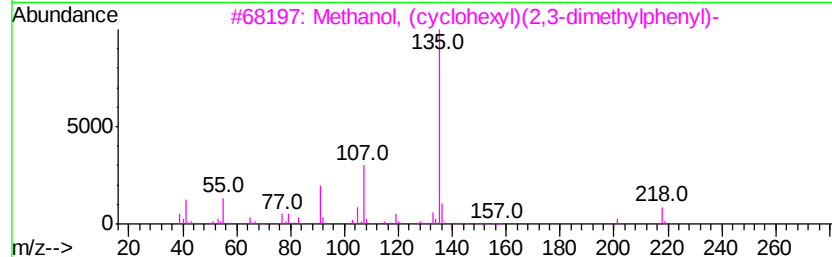
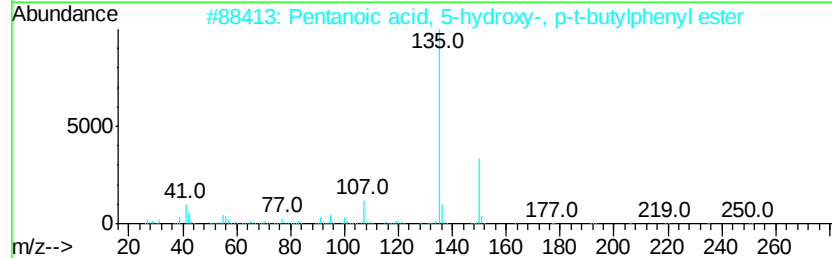
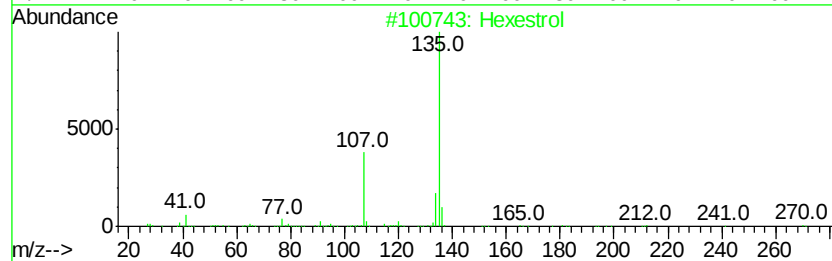
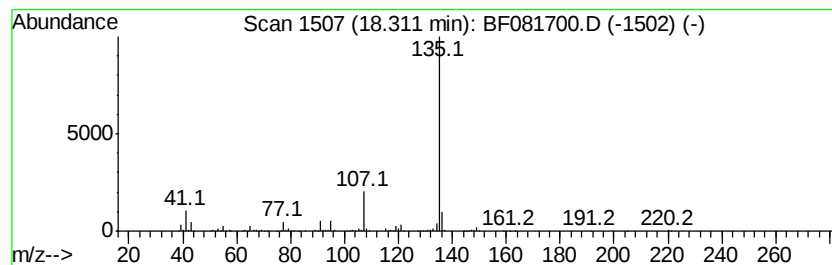
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexestrol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	114.28 ng	2364570	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexestrol	270	C18H22O2	005635-50-7	72
2		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
3		Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
4		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
5		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-4-9-15-15

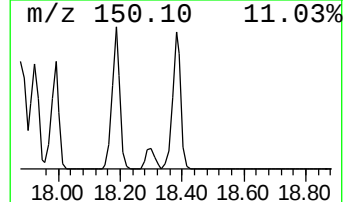
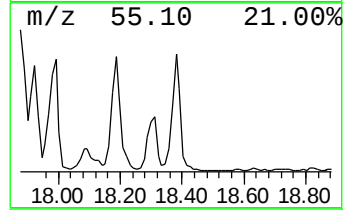
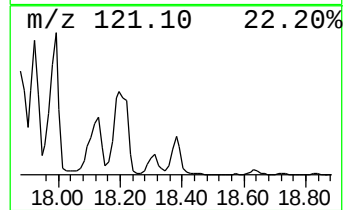
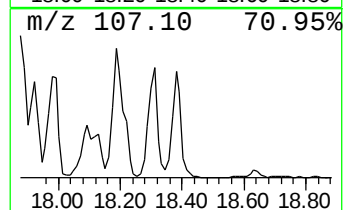
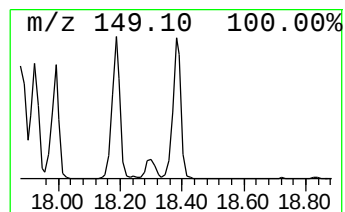
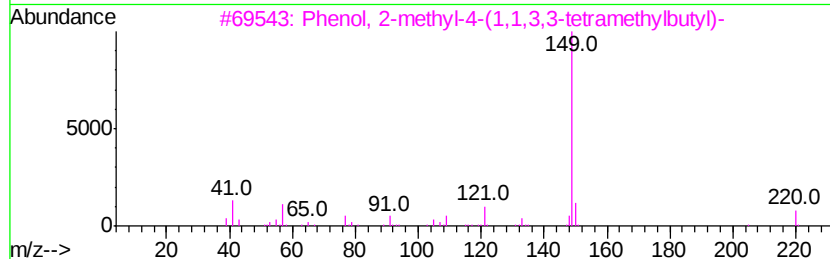
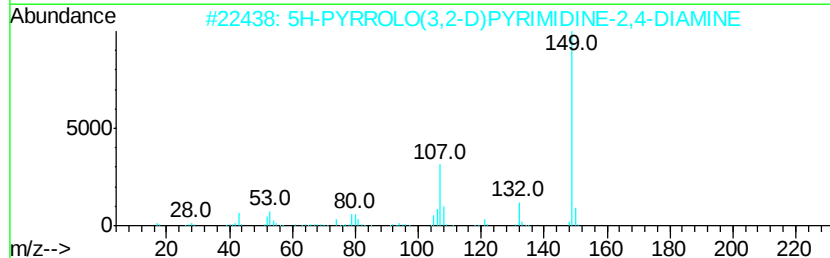
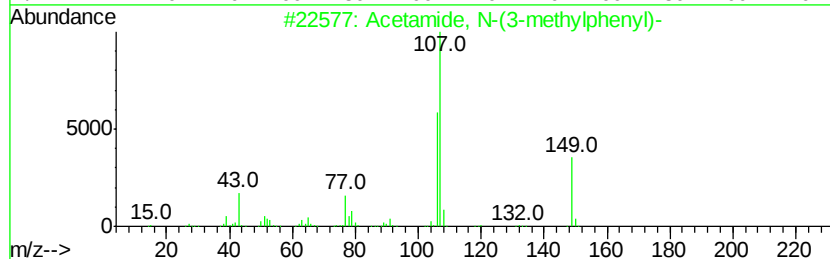
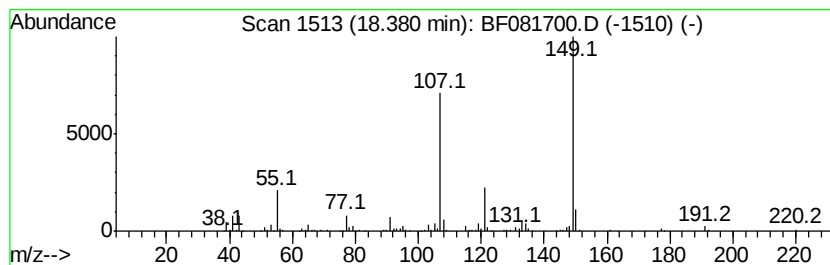
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenol, 2-methyl-4-(1,1,3,3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	57.72 ng	1194310	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	72
2		5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	72
3		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50
4		6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	47
5		1,3-Benzodioxole-5-carboxylic ac...	180	C9H8O4	000326-56-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-4-9-15-15

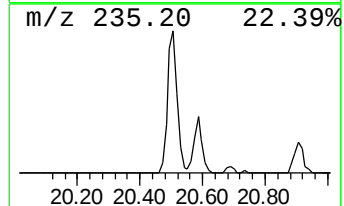
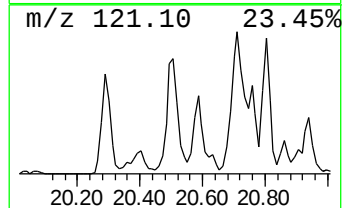
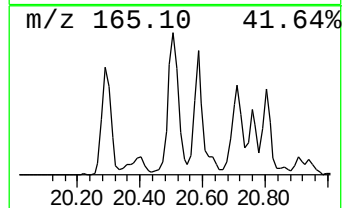
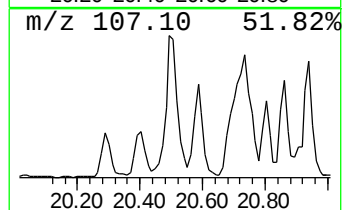
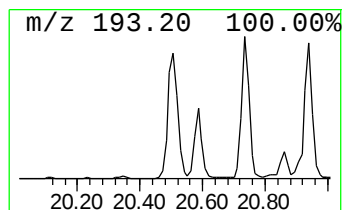
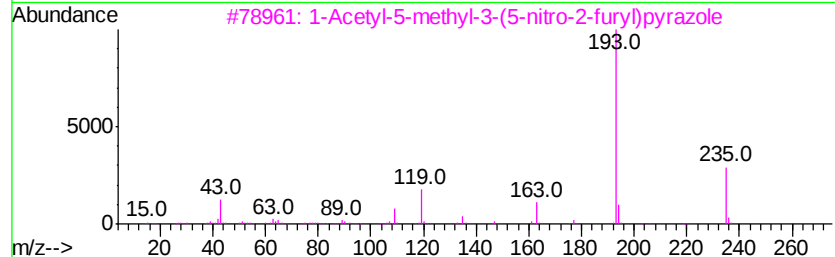
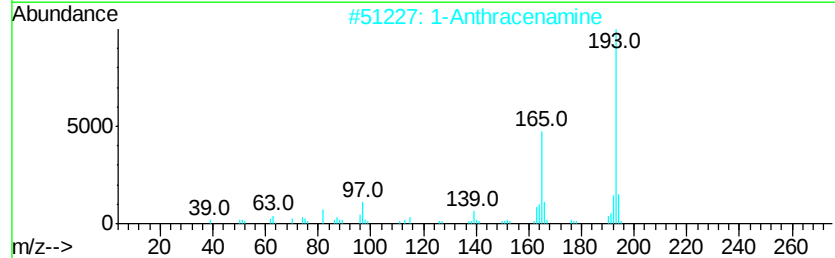
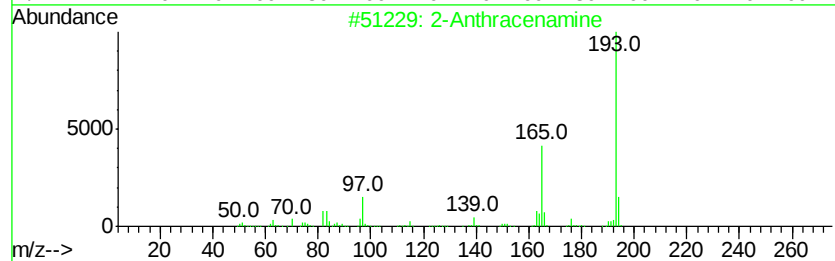
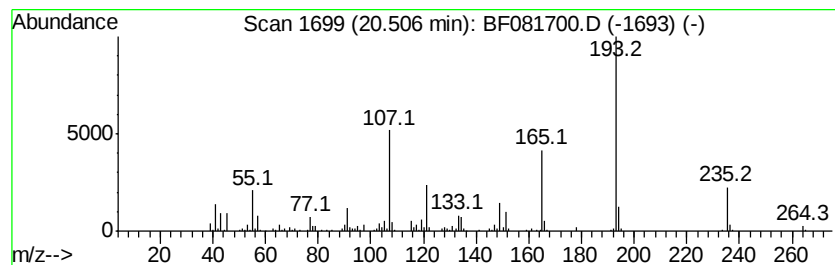
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown20.51 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	62.63 ng	1295840	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Anthracenamine	193	C14H11N	000613-13-8	47
2	1	Anthracenamine	193	C14H11N	000610-49-1	47
3	1	Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	43
4		Methanimidamide, N,N-dimethyl-N'...	193	C9H11N3O2	002103-47-1	38
5	3	Phenylindole	193	C14H11N	001504-16-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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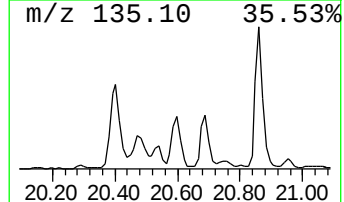
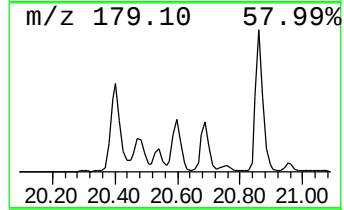
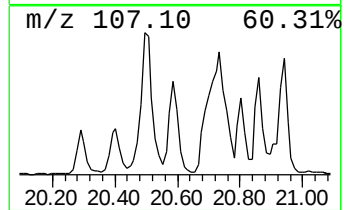
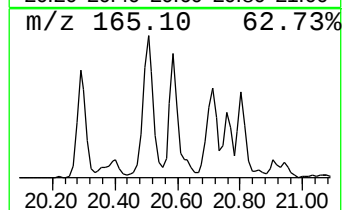
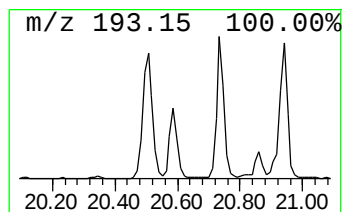
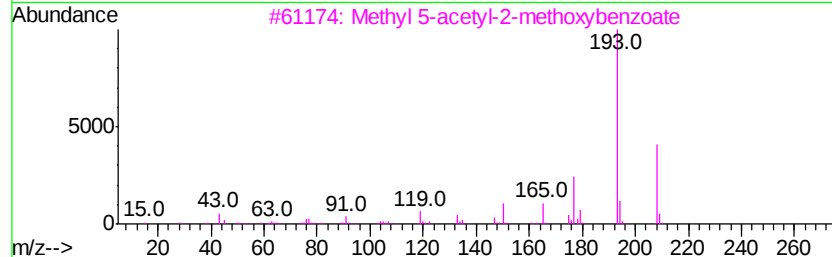
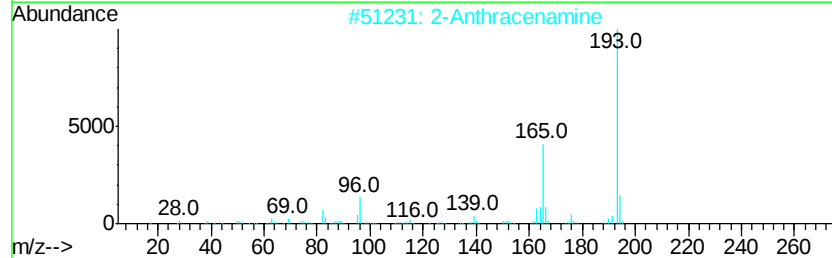
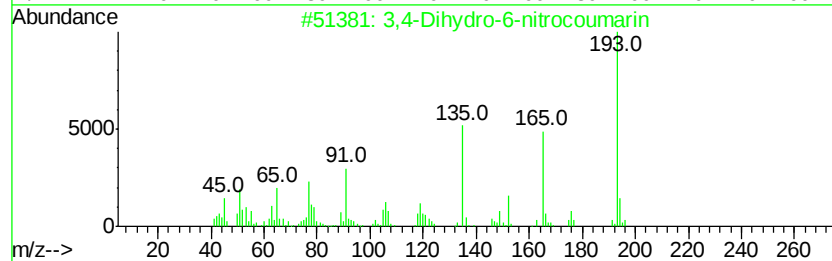
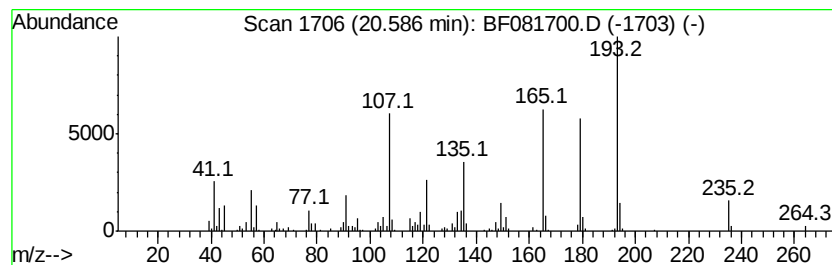
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown20.59 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.59	33.38 ng	690692	Phenanthrene-d10		18.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-6-nitrocoumarin			193	C9H7NO4	020920-99-4	38
2	2-Anthracenamine			193	C14H11N	000613-13-8	35
3	Methyl 5-acetyl-2-methoxybenzoate			208	C11H12O4	039971-36-3	35
4	3-Phenylindole			193	C14H11N	001504-16-1	35
5	Iminostilbene			193	C14H11N	000256-96-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081700.D
Acq On : 18 Sep 2015 16:50
Operator : UM/IZ
Sample : G3704-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4-9-15-15

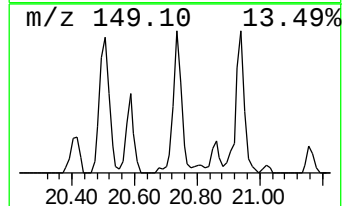
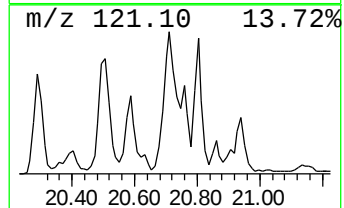
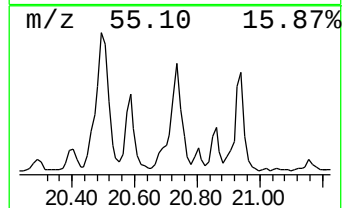
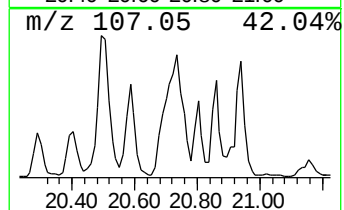
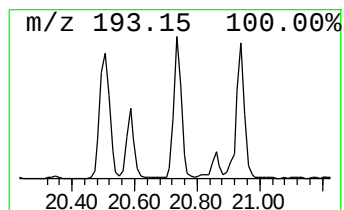
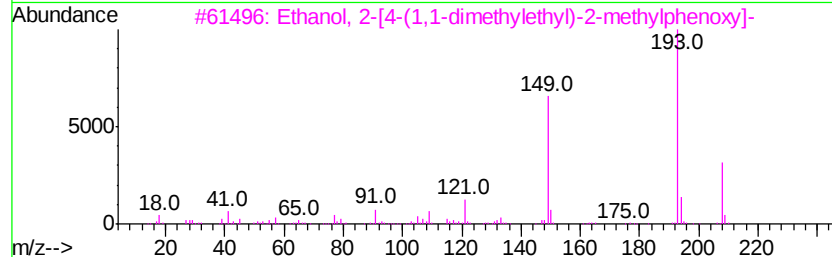
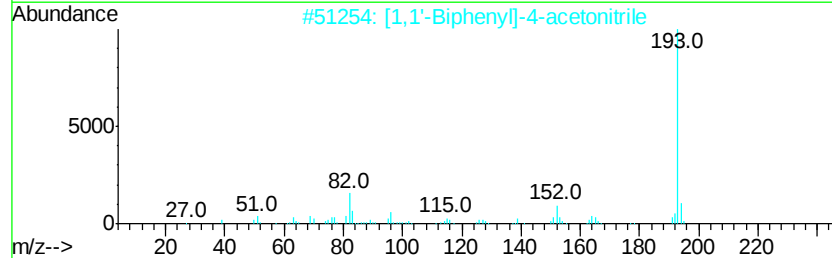
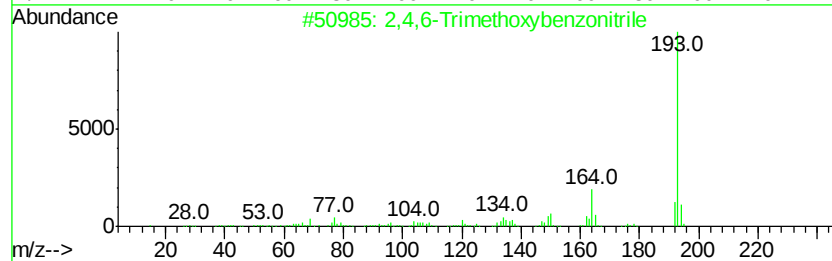
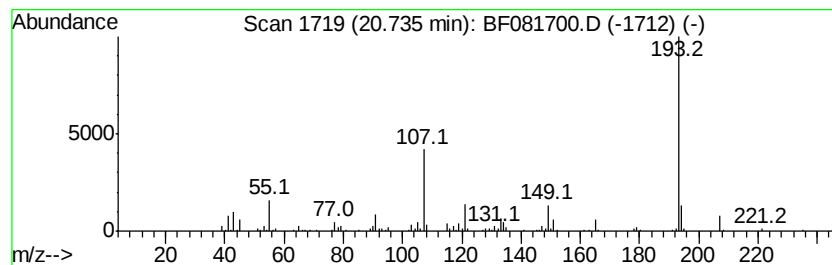
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown20.73 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	68.93 ng	1426230	Phenanthrene-d10	18.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzonitrile	193	C10H11N03	002571-54-2	46		
2	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	43		
3	Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	43		
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	43		
5	Benzaldehyde, p-nitro-, dimethyl...	193	C9H11N3O2	010424-92-7	38		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
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Acq On : 18 Sep 2015 16:50
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
MW-4-9-15-15

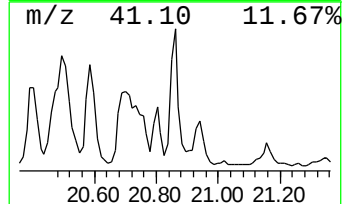
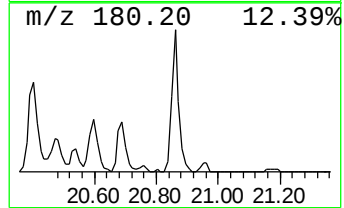
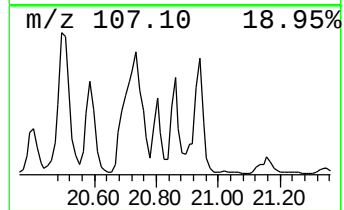
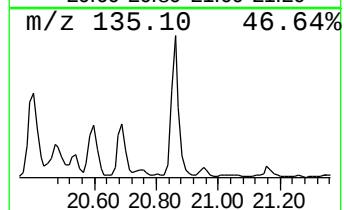
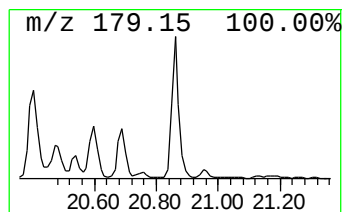
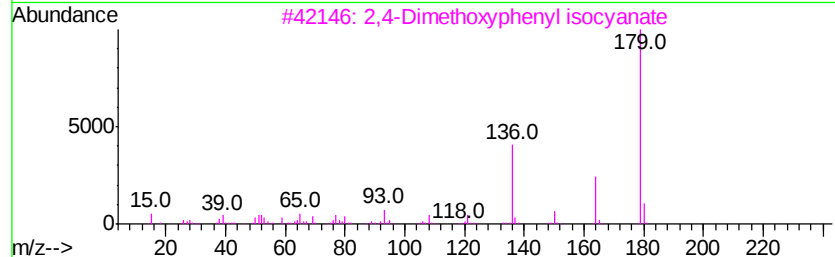
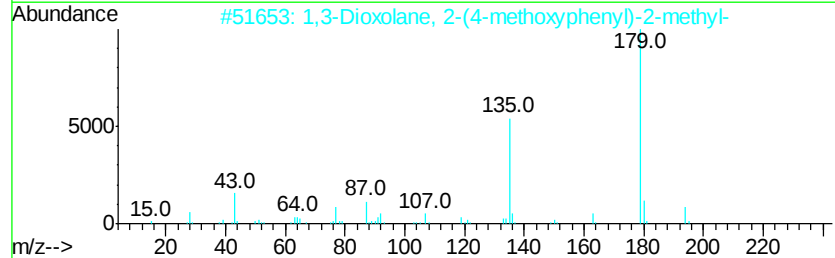
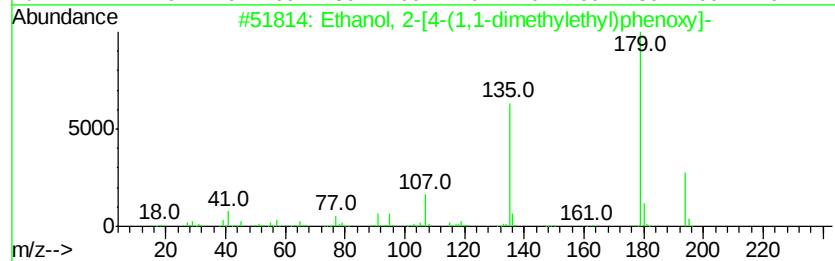
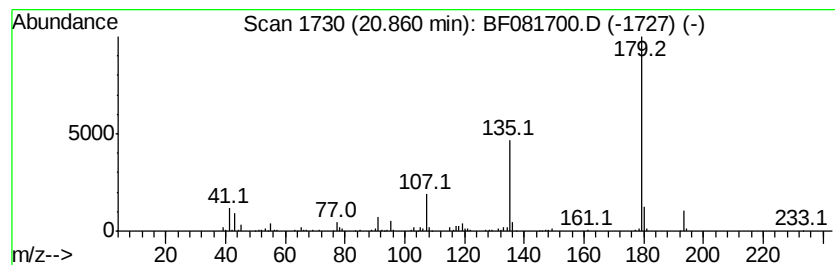
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	34.86 ng	721205	Phenanthrene-d10	18.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	86
2		1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	56
3		2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	37
4		4,2-Cresotic acid, 6-methoxy-, b...	538	C29H30O10	019314-74-0	28
5		4-Butylbenzoic acid, heptadecyl ...	416	C28H48O2	1000292-21-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
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 Sample : G3704-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
Butane, 2-methoxy...	1.22	269.4	ng	3416430	1	8.16	253591	20.0
Benzene, 1-ethyl-...	7.14	42.4	ng	537879	1	8.16	253591	20.0
unknown7.68	7.68	93.3	ng	1182610	1	8.16	253591	20.0
Benzene, 1,2,3-tr...	8.31	58.5	ng	741924	1	8.16	253591	20.0
4-tert-Butylpheny...	17.79	113.3	ng	2344210	4	18.70	413831	20.0
Phenol, 2-(1,1-di...	17.88	118.8	ng	2457950	4	18.70	413831	20.0
unknown17.92	17.92	62.4	ng	1291310	4	18.70	413831	20.0
Phenol, 4-(1,1-di...	17.98	102.6	ng	2122420	4	18.70	413831	20.0
Phenol, 4-(1,1,3,...	18.09	60.8	ng	1258160	4	18.70	413831	20.0
Acetamide, N-(3-m...	18.19	87.6	ng	1813240	4	18.70	413831	20.0
Hexestrol	18.31	114.3	ng	2364570	4	18.70	413831	20.0
Phenol, 2-methyl-...	18.38	57.7	ng	1194310	4	18.70	413831	20.0
unknown20.51	20.51	62.6	ng	1295840	4	18.70	413831	20.0
unknown20.59	20.59	33.4	ng	690692	4	18.70	413831	20.0
unknown20.73	20.73	68.9	ng	1426230	4	18.70	413831	20.0
Ethanol, 2-[4-(1,...	20.86	34.9	ng	721205	4	18.70	413831	20.0