

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020879.D
 Acq On : 12 Feb 2016 5:54
 Operator : SJ/UM
 Sample : H1420-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-19

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_G\METHODS\8270-BG021116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.249	65	70	79	rBV	39567	70018	6.55%	0.558%
2	3.325	79	83	89	rVB	18048	24286	2.27%	0.193%
3	5.322	418	423	428	rBV	15149	23212	2.17%	0.185%
4	5.798	495	504	513	rVB	131277	209186	19.57%	1.666%
5	6.756	656	667	670	rBV7	5205	12095	1.13%	0.096%
6	6.885	684	689	701	rVB8	6823	18257	1.71%	0.145%
7	7.408	771	778	789	rVB	94556	171255	16.02%	1.364%
8	7.795	837	844	854	rVB	271436	451088	42.20%	3.592%
9	8.271	918	925	930	rVB	62541	107625	10.07%	0.857%
10	8.442	949	954	960	rVB4	8269	14715	1.38%	0.117%
11	8.506	960	965	969	rBV4	7021	12819	1.20%	0.102%
12	8.594	969	980	986	rVV	237662	446305	41.76%	3.554%
13	8.647	986	989	995	rVB	30509	45612	4.27%	0.363%
14	8.759	1003	1008	1013	rBV	40722	60989	5.71%	0.486%
15	8.829	1016	1020	1028	rVB3	7724	16774	1.57%	0.134%
16	8.906	1028	1033	1037	rBV	11496	19555	1.83%	0.156%
17	8.959	1037	1042	1052	rVB	31492	53192	4.98%	0.424%
18	9.111	1063	1068	1074	rBV3	18474	39070	3.66%	0.311%
19	9.376	1103	1113	1118	rBV2	143645	267787	25.05%	2.133%
20	9.440	1118	1124	1136	rVV3	205035	523724	49.00%	4.171%
21	9.534	1136	1140	1145	rVB4	7941	12401	1.16%	0.099%
22	9.611	1145	1153	1164	rBV10	23627	74577	6.98%	0.594%
23	9.734	1166	1174	1182	rVB	28117	62258	5.82%	0.496%
24	9.857	1183	1195	1198	rBV7	16552	46168	4.32%	0.368%
25	9.904	1198	1203	1210	rVB	112073	177773	16.63%	1.416%
26	10.004	1216	1220	1229	rVB5	20805	45474	4.25%	0.362%
27	10.163	1238	1247	1250	rBV3	25111	53240	4.98%	0.424%
28	10.198	1250	1253	1258	rVB2	15967	24191	2.26%	0.193%
29	10.269	1258	1265	1273	rBV5	63615	147804	13.83%	1.177%
30	10.486	1295	1302	1309	rBV2	251662	443461	41.49%	3.532%
31	10.545	1309	1312	1321	rVB3	17854	35640	3.33%	0.284%
32	10.662	1323	1332	1338	rBV4	29145	74707	6.99%	0.595%
33	10.780	1347	1352	1361	rVB	39478	81541	7.63%	0.649%
34	10.862	1362	1366	1371	rBV3	11422	17869	1.67%	0.142%

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35	10.938	1375	1379	1382	rBV4	12049	19914	1.86%	0.159%
36	11.097	1393	1406	1412	rBV3	112983	376593	35.23%	2.999%
37	11.203	1419	1424	1433	rVB2	64159	176122	16.48%	1.403%
38	11.297	1433	1440	1448	rBV2	39962	81153	7.59%	0.646%
39	11.390	1452	1456	1461	rVB	15268	22521	2.11%	0.179%
40	11.455	1461	1467	1472	rBV2	35050	59078	5.53%	0.470%
41	11.514	1472	1477	1480	rBV3	17097	28263	2.64%	0.225%
42	11.561	1480	1485	1493	rVB2	52452	113070	10.58%	0.900%
43	11.672	1499	1504	1508	rBV2	34034	65498	6.13%	0.522%
44	11.778	1514	1522	1530	rVB8	42632	121753	11.39%	0.970%
45	11.855	1531	1535	1540	rBV5	14252	25722	2.41%	0.205%
46	11.913	1541	1545	1552	rVV8	10628	24438	2.29%	0.195%
47	11.996	1553	1559	1565	rVB3	54515	110225	10.31%	0.878%
48	12.084	1569	1574	1579	rBV	108432	168149	15.73%	1.339%
49	12.131	1579	1582	1586	rVV4	21002	33960	3.18%	0.270%
50	12.184	1586	1591	1596	rVB	53873	91743	8.58%	0.731%
51	12.272	1601	1606	1612	rVV3	78449	138940	13.00%	1.107%
52	12.360	1617	1621	1624	rBV5	18319	25339	2.37%	0.202%
53	12.395	1624	1627	1633	rVB2	22148	38184	3.57%	0.304%
54	12.460	1633	1638	1643	rBV3	26548	58904	5.51%	0.469%
55	12.618	1661	1665	1670	rVB	90953	137473	12.86%	1.095%
56	12.689	1671	1677	1685	rVB5	53573	118893	11.12%	0.947%
57	12.789	1690	1694	1697	rBV4	16858	32573	3.05%	0.259%
58	12.877	1704	1709	1712	rBV5	24336	49541	4.64%	0.395%
59	12.947	1715	1721	1730	rVB	208331	418166	39.12%	3.330%
60	13.094	1742	1746	1747	rBV4	14643	17136	1.60%	0.136%
61	13.165	1754	1758	1766	rVV2	34687	63711	5.96%	0.507%
62	13.235	1766	1770	1775	rVV5	22087	36058	3.37%	0.287%
63	13.282	1775	1778	1781	rVB4	13965	16949	1.59%	0.135%
64	13.411	1795	1800	1808	rVB2	141220	219658	20.55%	1.749%
65	13.511	1811	1817	1822	rVV	662132	970227	90.77%	7.727%
66	13.558	1822	1825	1828	rVB4	13985	17841	1.67%	0.142%
67	13.676	1842	1845	1847	rBV3	16546	21605	2.02%	0.172%
68	13.828	1868	1871	1877	rVB6	36415	52422	4.90%	0.417%
69	14.052	1903	1909	1910	rBV2	69584	109092	10.21%	0.869%
70	14.204	1929	1935	1940	rVB	158805	274563	25.69%	2.187%
71	14.257	1940	1944	1949	rVB	100953	151513	14.18%	1.207%

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72	14.339	1950	1958	1964	rVB3	145926	262958	24.60%	2.094%
73	14.398	1964	1968	1970	rBV4	12555	19301	1.81%	0.154%
74	14.439	1970	1975	1979	rBV2	56183	93124	8.71%	0.742%
75	14.604	2000	2003	2012	rVB3	33659	59956	5.61%	0.477%
76	14.833	2038	2042	2044	rBV3	22709	34059	3.19%	0.271%
77	14.880	2045	2050	2056	rVV2	171382	303539	28.40%	2.417%
78	14.956	2060	2063	2067	rVB5	19982	25868	2.42%	0.206%
79	15.086	2081	2085	2094	rVB5	28454	74009	6.92%	0.589%
80	15.162	2094	2098	2102	rBV4	15971	32128	3.01%	0.256%
81	15.268	2111	2116	2124	rVB4	43273	94184	8.81%	0.750%
82	15.344	2125	2129	2132	rBV	35953	49416	4.62%	0.394%
83	15.491	2149	2154	2159	rBV	39747	68513	6.41%	0.546%
84	15.538	2159	2162	2166	rVB	17378	22201	2.08%	0.177%
85	15.591	2167	2171	2174	rBV5	12185	22110	2.07%	0.176%
86	15.696	2186	2189	2192	rVB4	22465	28588	2.67%	0.228%
87	15.920	2221	2227	2232	rBV5	21223	48403	4.53%	0.385%
88	16.102	2253	2258	2268	rVB	41586	90227	8.44%	0.719%
89	16.360	2296	2302	2311	rVB2	423971	629835	58.93%	5.016%
90	16.578	2332	2339	2348	rVB	52366	104325	9.76%	0.831%
91	17.347	2465	2470	2473	rBV2	11274	16272	1.52%	0.130%
92	17.400	2474	2479	2484	rVB3	16767	24914	2.33%	0.198%
93	17.617	2510	2516	2522	rBV2	195899	292950	27.41%	2.333%
94	18.475	2657	2662	2670	rBV8	12153	21450	2.01%	0.171%
95	18.945	2738	2742	2746	rVB5	8096	12525	1.17%	0.100%
96	20.008	2919	2923	2927	rBV2	11290	16353	1.53%	0.130%
97	20.196	2950	2955	2961	rVB	831373	1068842	100.00%	8.512%
98	21.500	3173	3177	3182	rBV3	23463	40458	3.79%	0.322%
99	21.900	3238	3245	3253	rVB	185524	323242	30.24%	2.574%
100	25.278	3810	3820	3832	rVB3	105136	305068	28.54%	2.430%

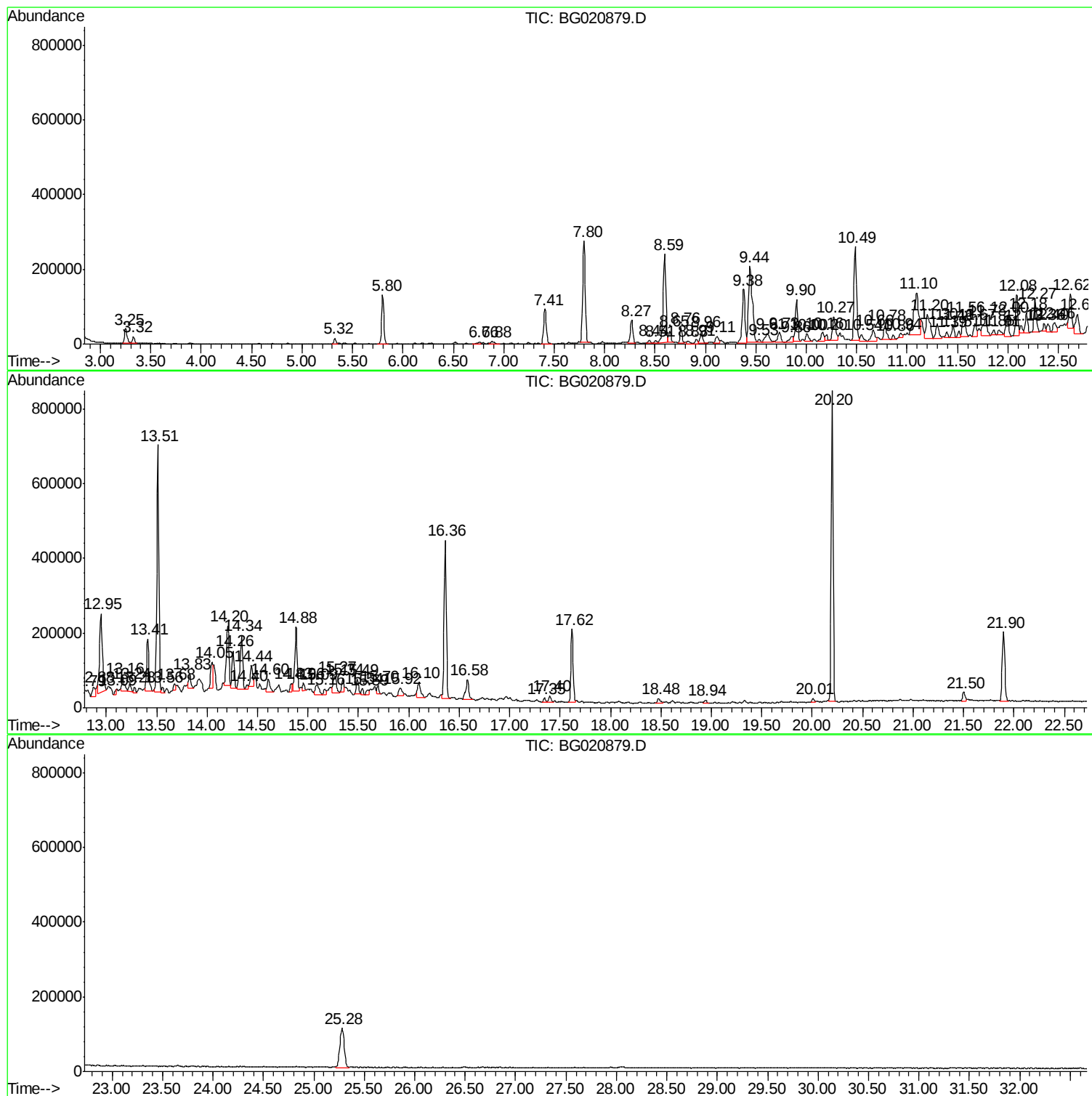
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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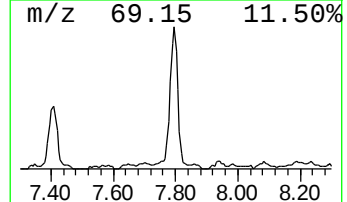
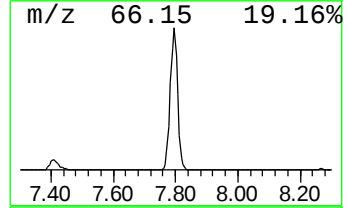
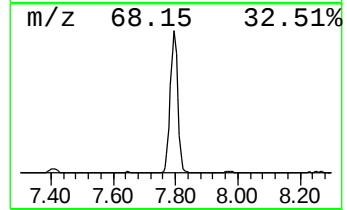
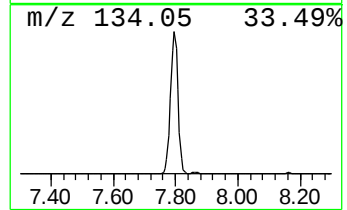
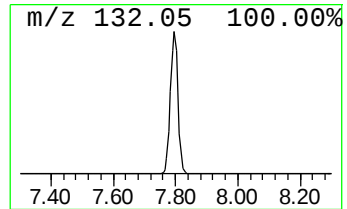
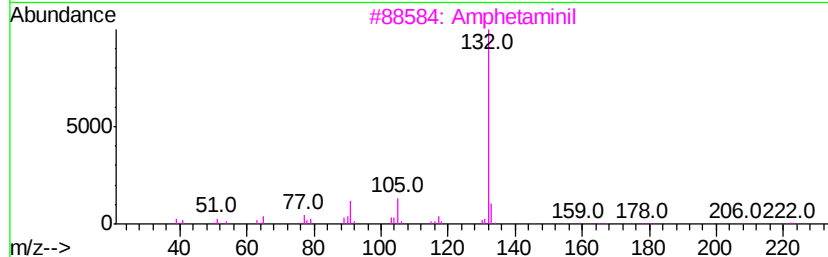
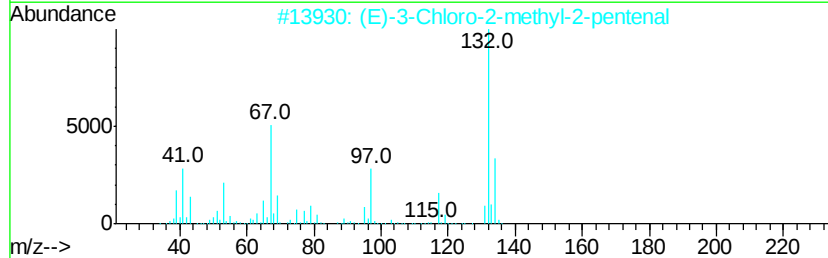
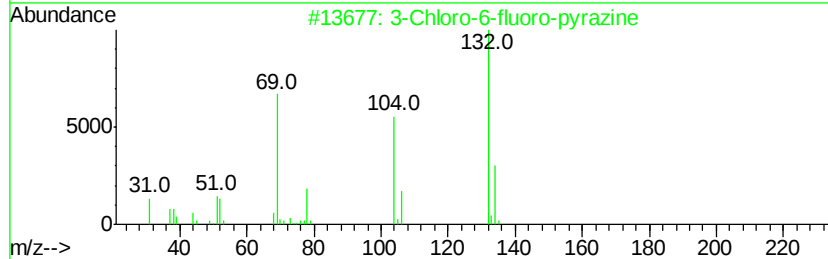
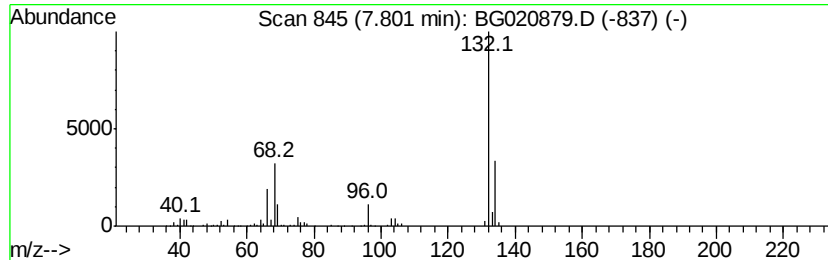
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	83.83 ng	451088	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Xenon	132	Xe	007440-63-3	9



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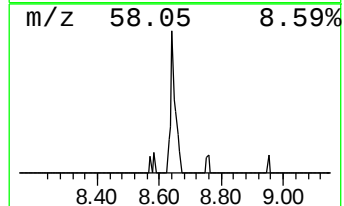
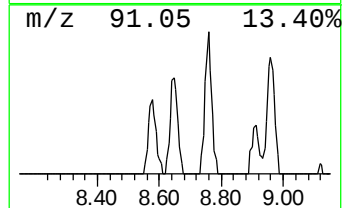
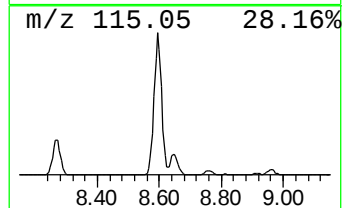
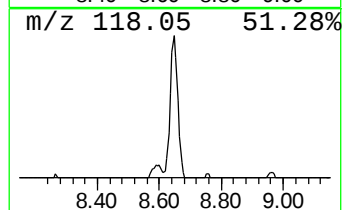
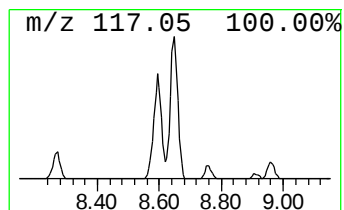
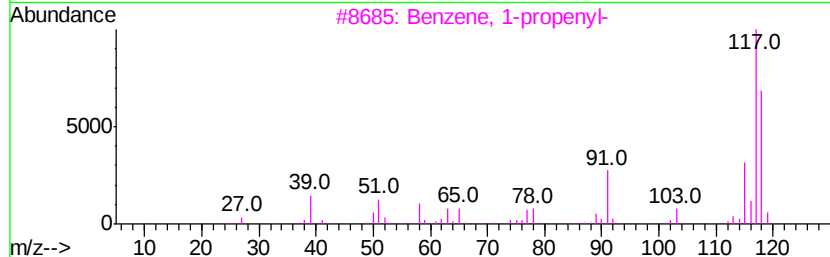
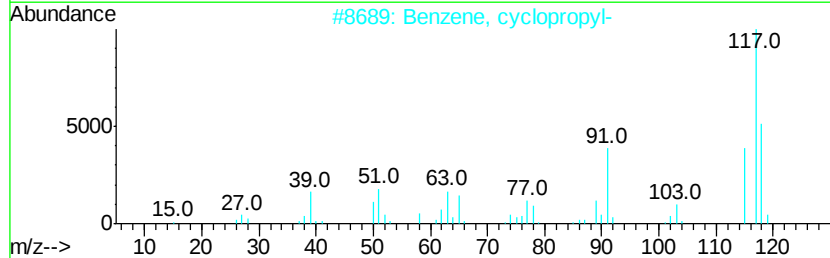
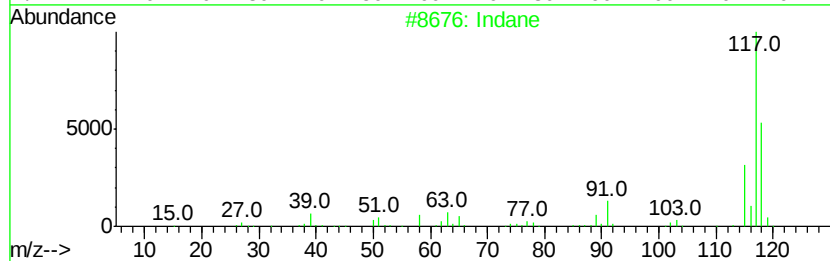
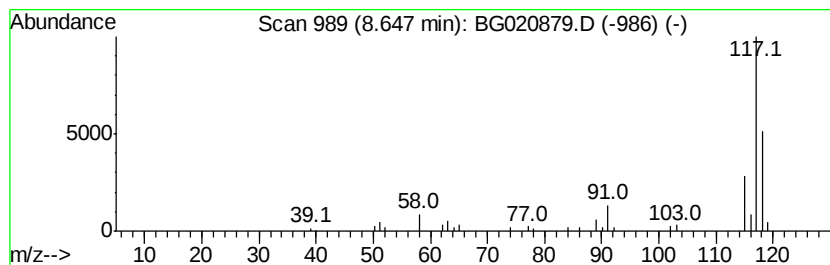
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.48 ng	45612	1,4-Dichlorobenzene-d4	8.27

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	80
3	Benzene, 1-propenyl-		118	C9H10	000637-50-3	74
4	Deltacyclene		118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	72



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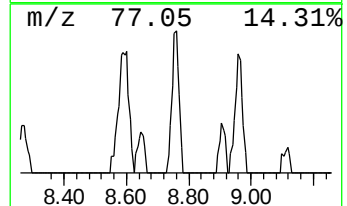
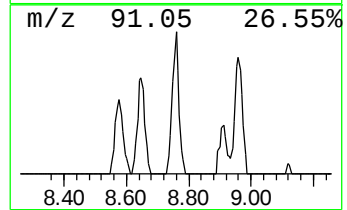
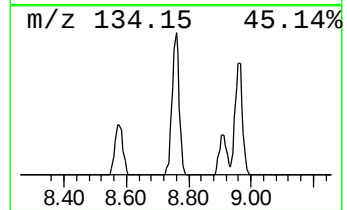
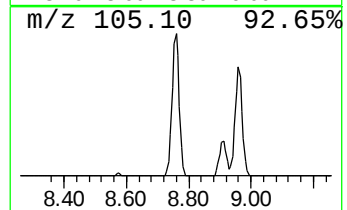
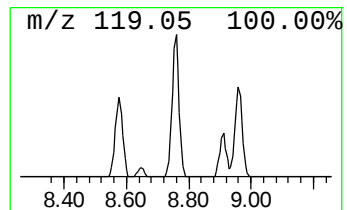
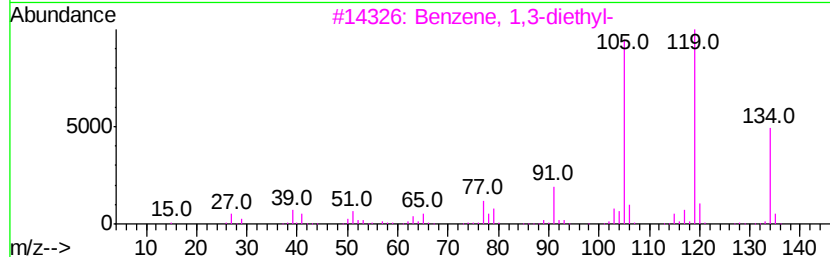
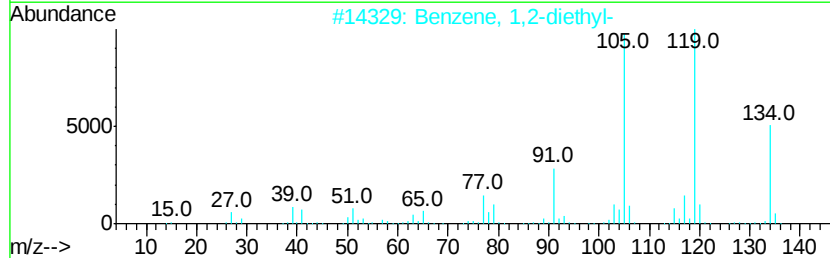
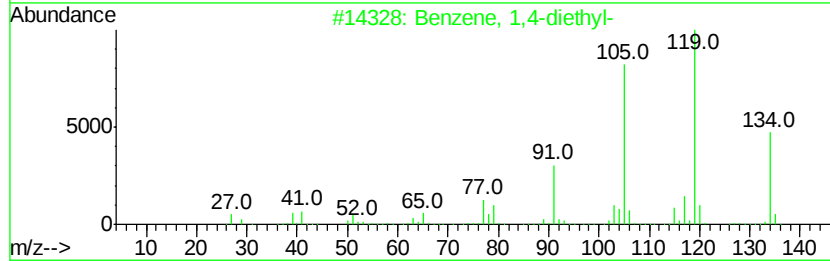
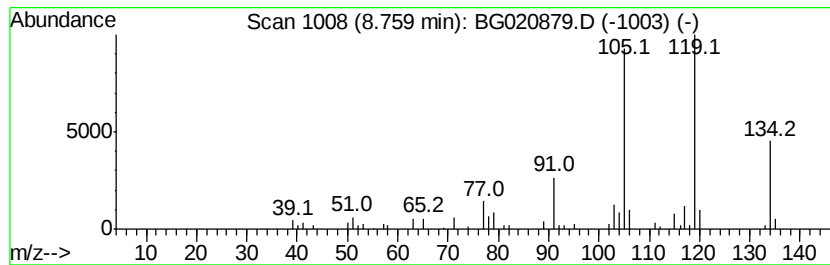
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Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	11.33 ng	60989	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



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Acq On : 12 Feb 2016 5:54
Operator : SJ/UM
Sample : H1420-05
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ClientSampleId :
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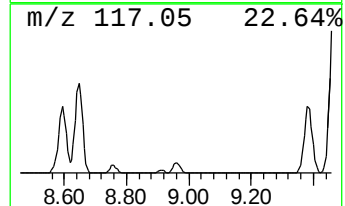
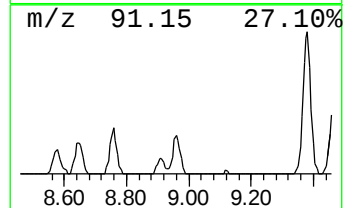
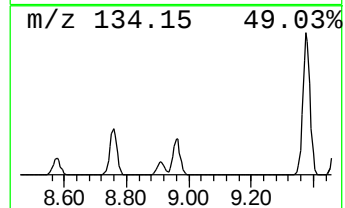
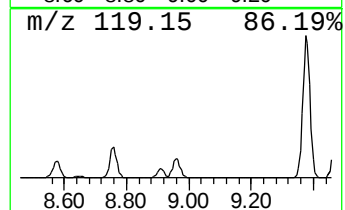
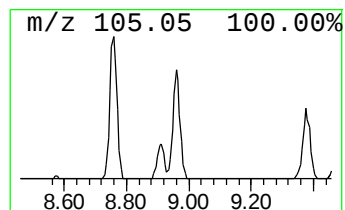
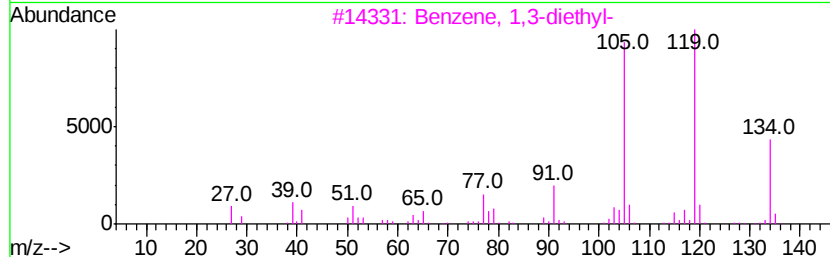
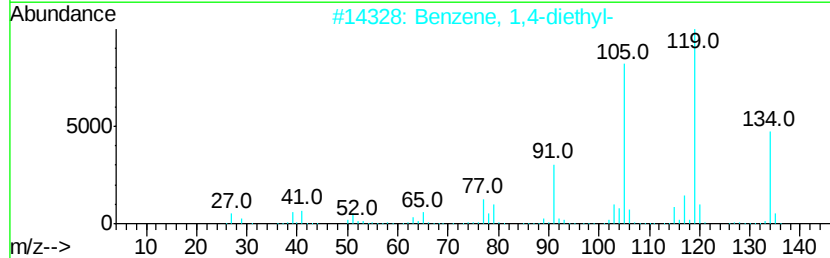
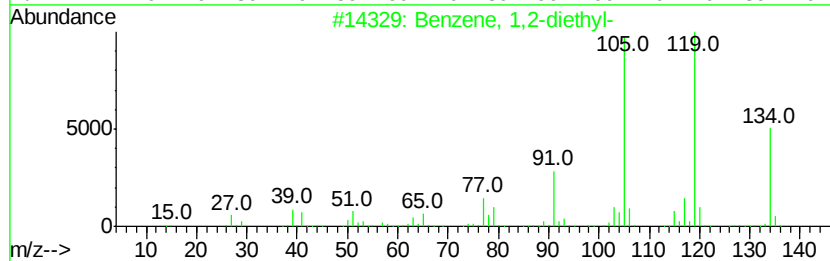
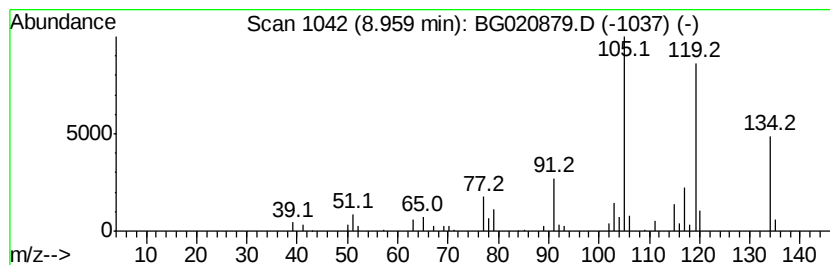
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	9.88 ng	53192	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86



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Data File : BG020879.D
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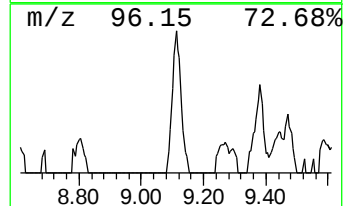
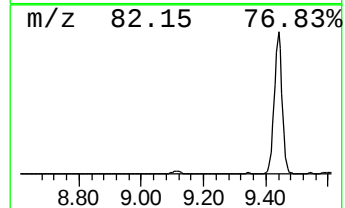
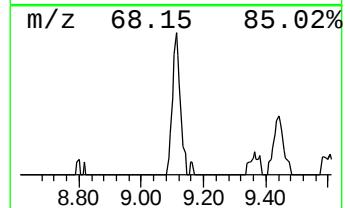
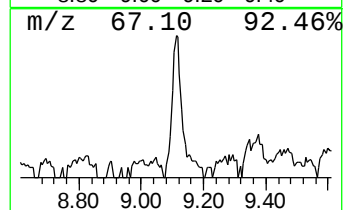
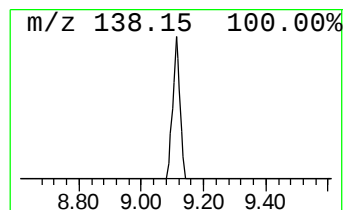
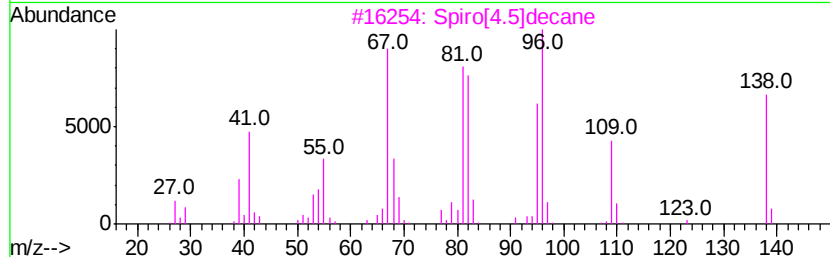
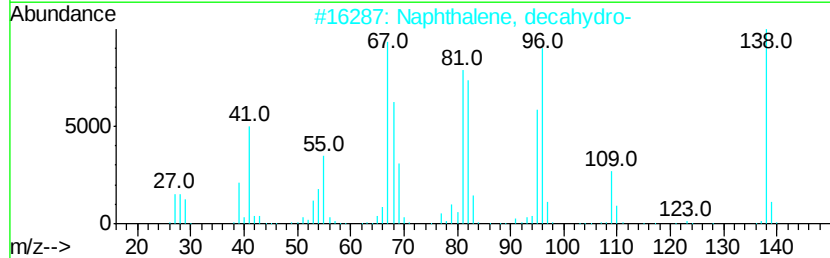
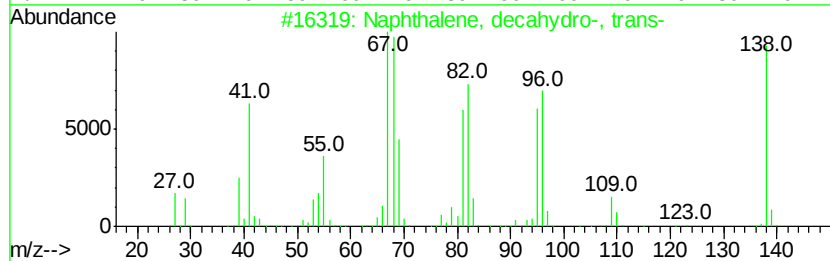
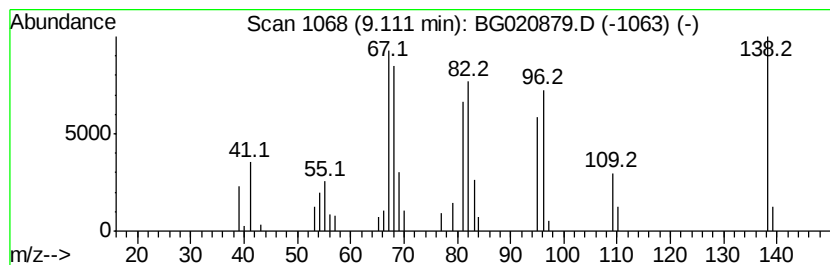
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	7.26 ng	39070	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3		Spiro[4.5]decane	138	C10H18	000176-63-6	87
4		2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	86
5		Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	83



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
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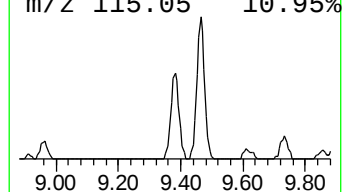
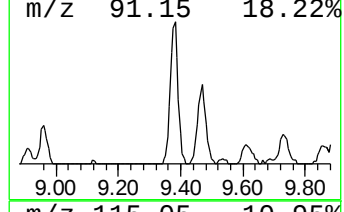
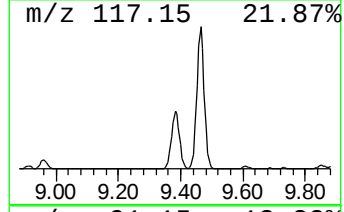
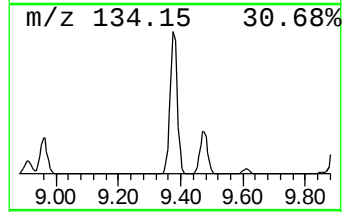
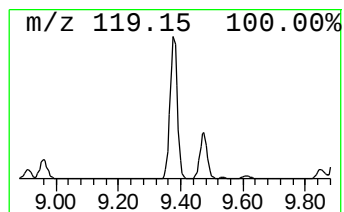
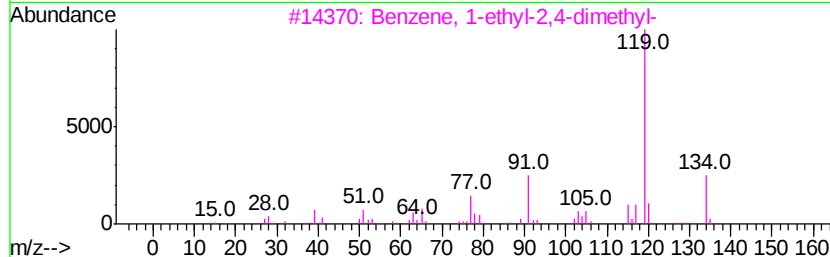
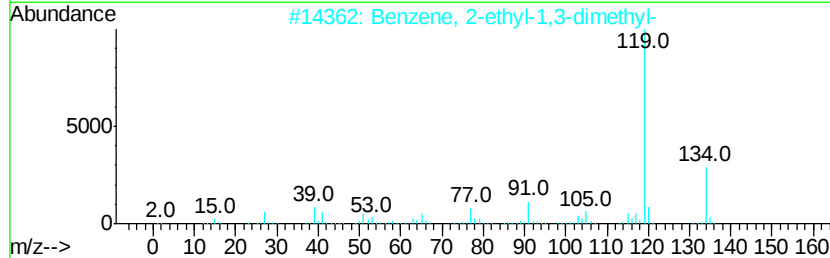
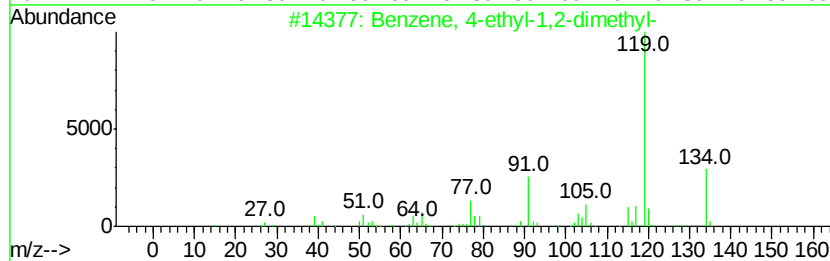
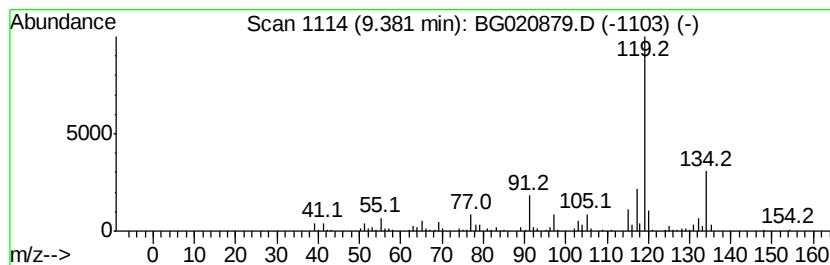
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	49.76 ng	267787	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
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ClientSampleId :
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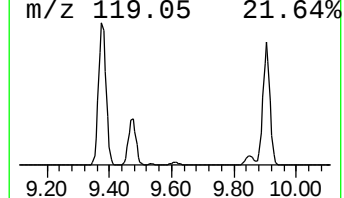
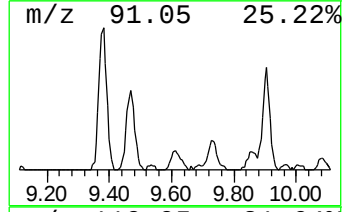
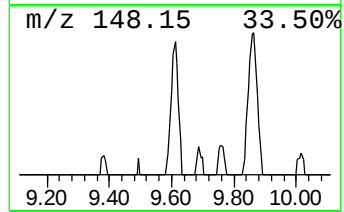
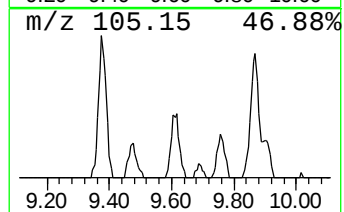
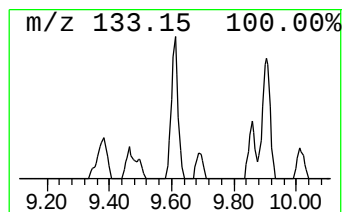
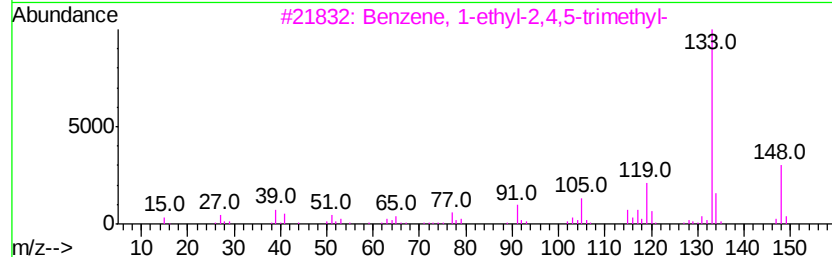
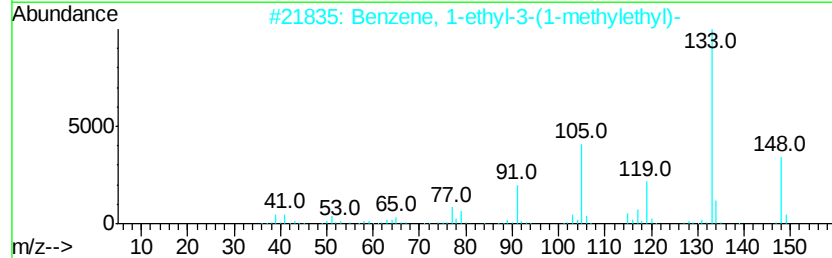
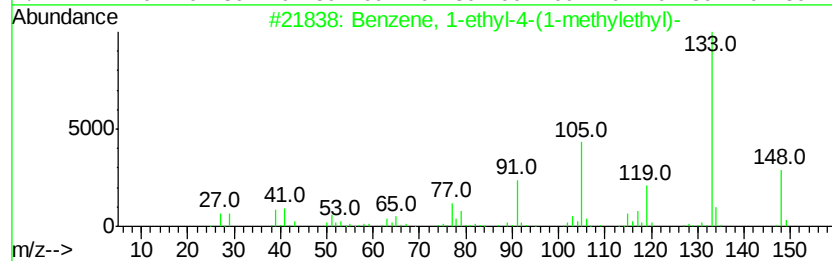
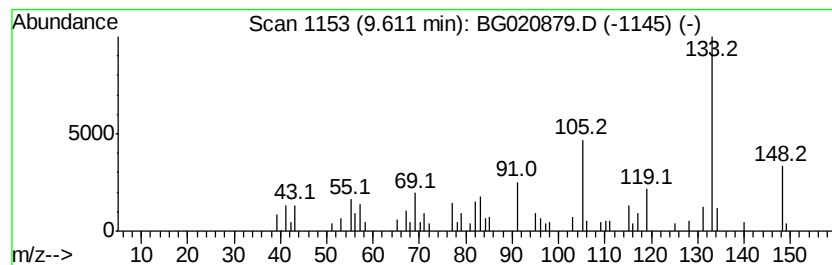
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-ethyl-4-(1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	13.86 ng	74577	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	93
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	83
4		Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	68
5		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
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ClientSampleId :
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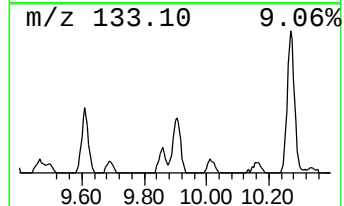
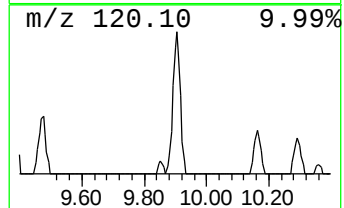
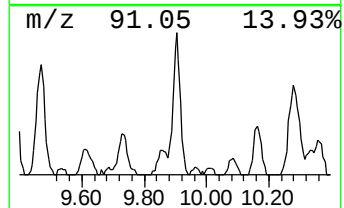
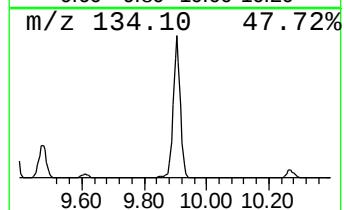
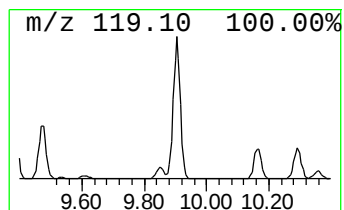
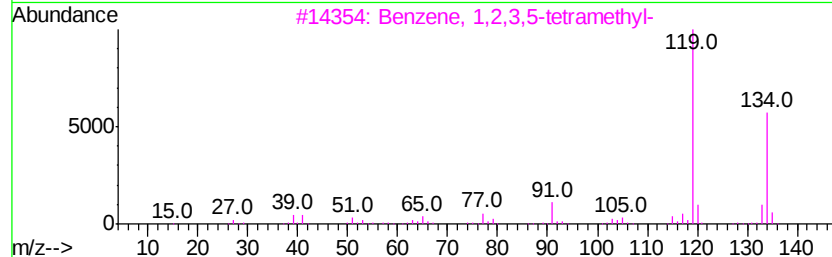
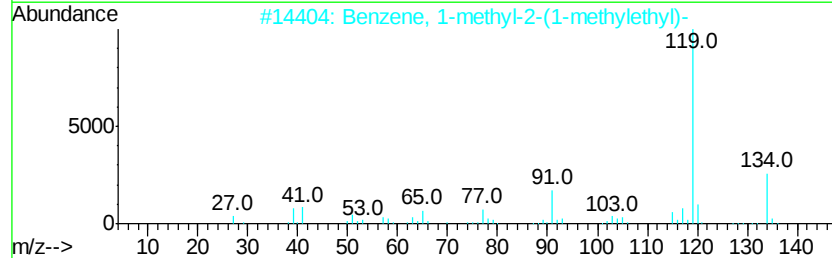
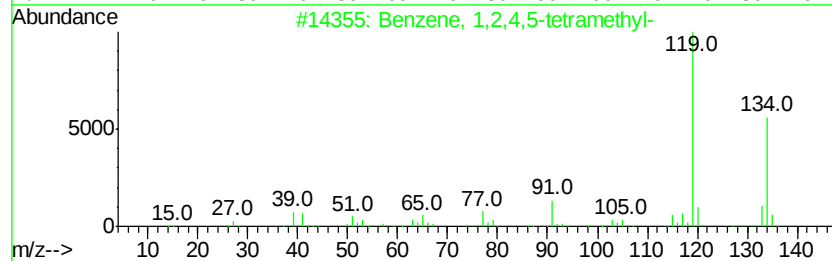
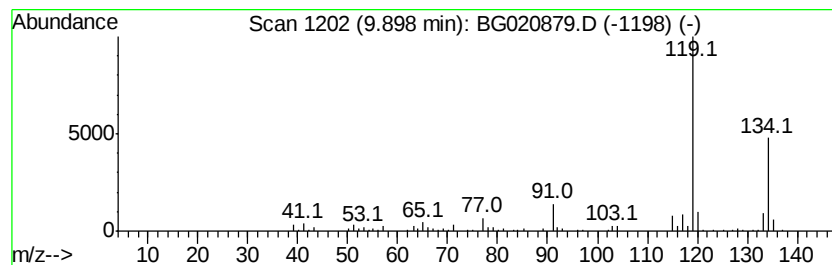
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	9.44 ng	177773	Naphthalene-d8	11.10

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-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	96
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
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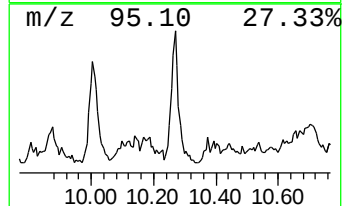
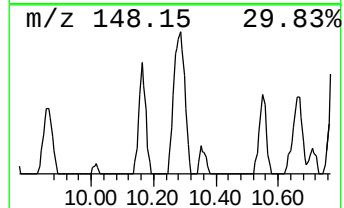
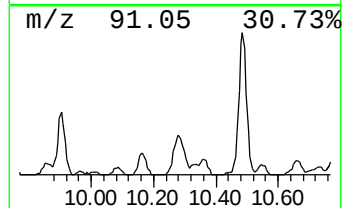
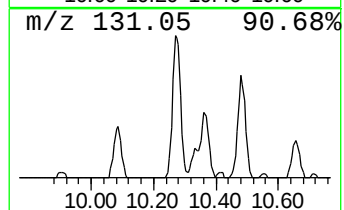
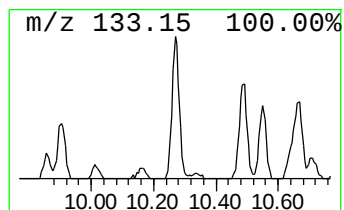
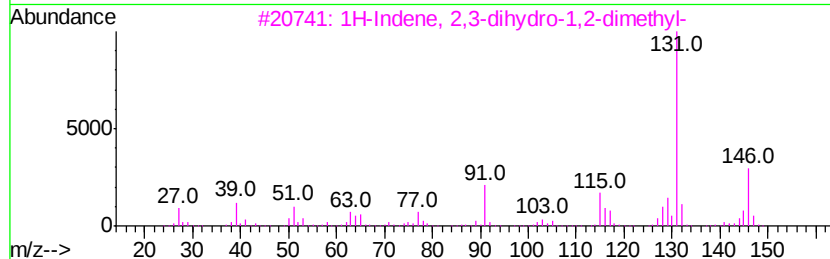
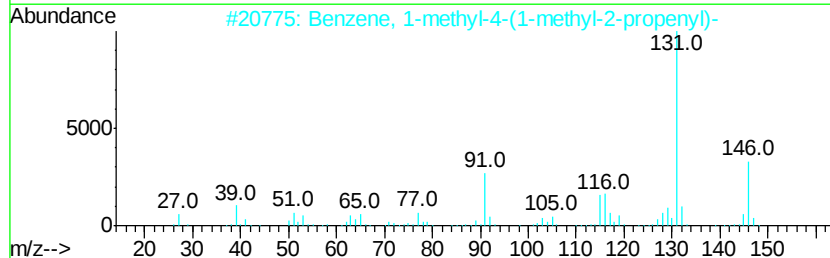
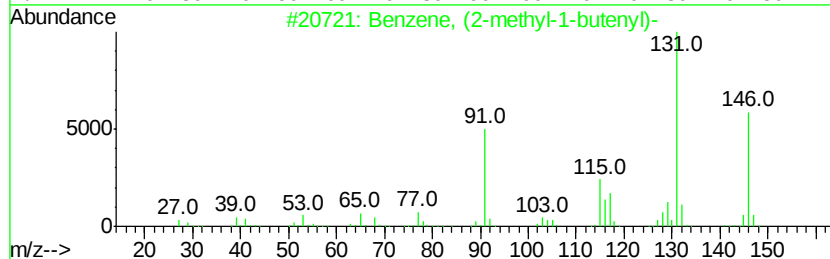
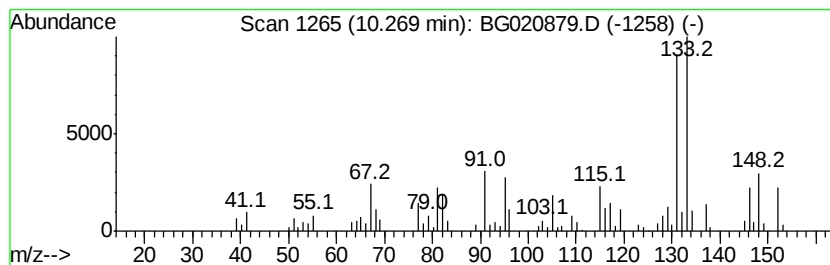
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, (2-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	7.85 ng	147804	Naphthalene-d8	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	80
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	80
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55



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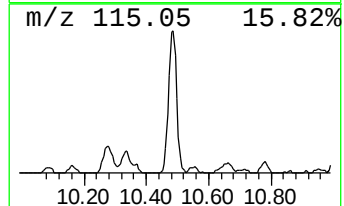
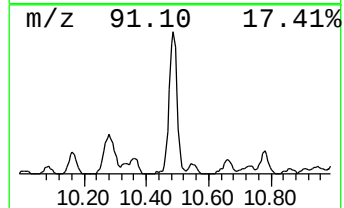
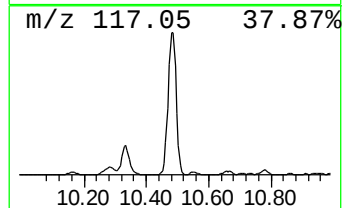
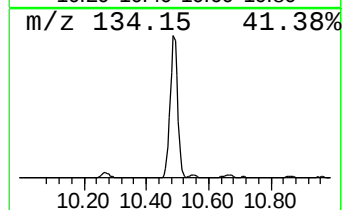
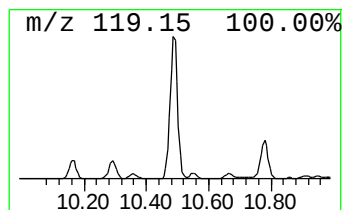
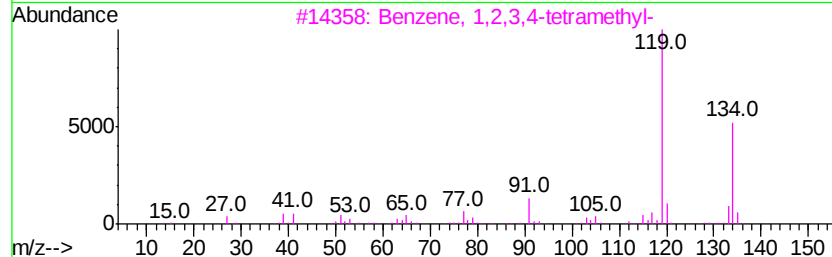
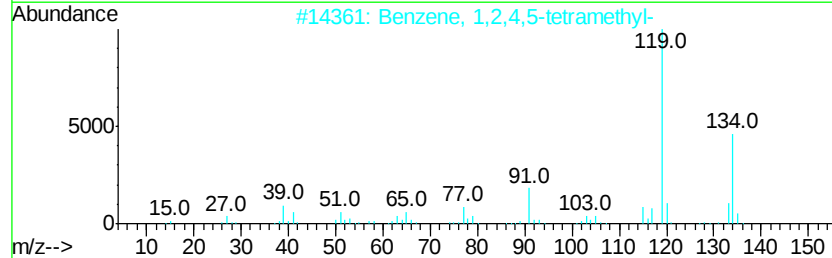
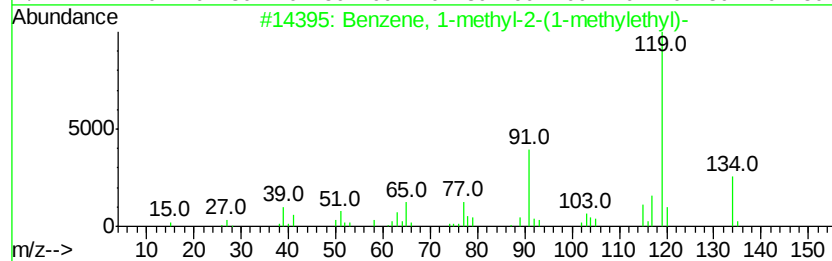
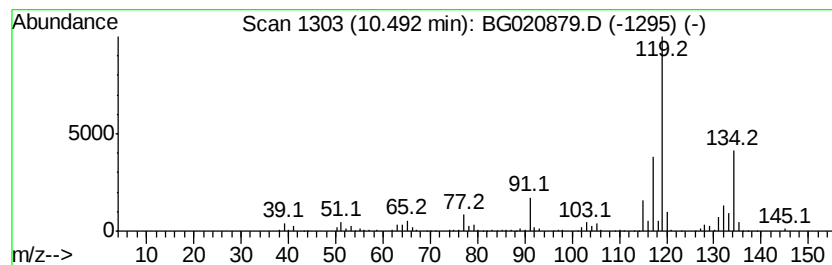
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	23.55 ng	443461	Naphthalene-d8	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
Acq On : 12 Feb 2016 5:54
Operator : SJ/UM
Sample : H1420-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBMW-19

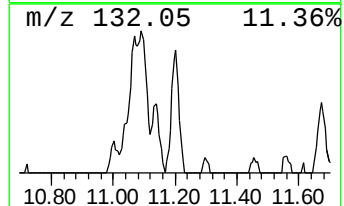
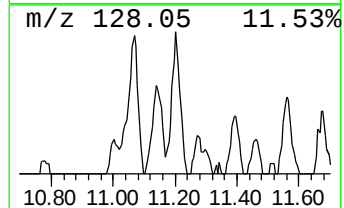
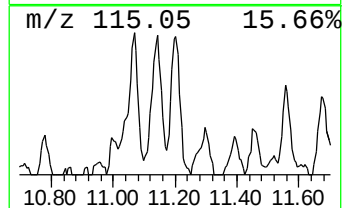
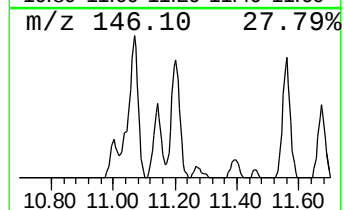
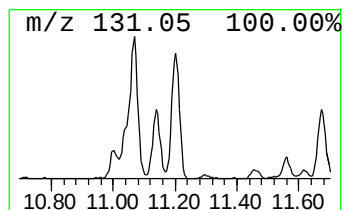
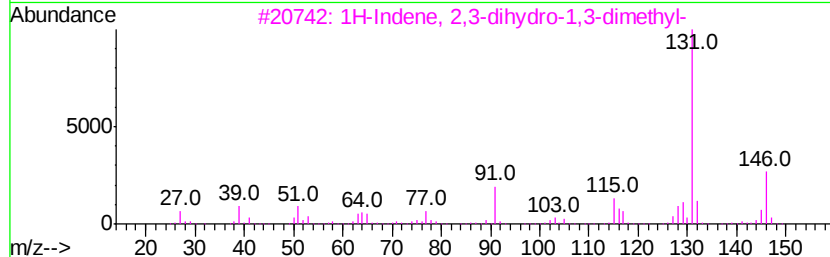
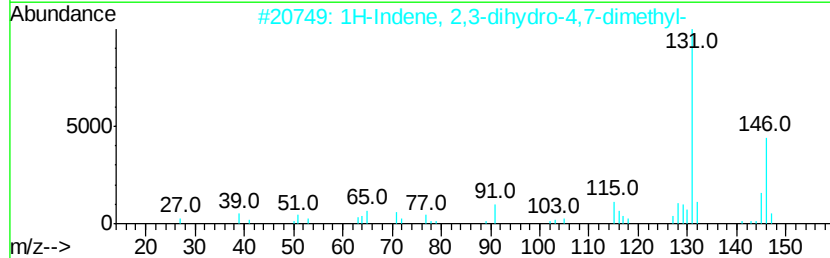
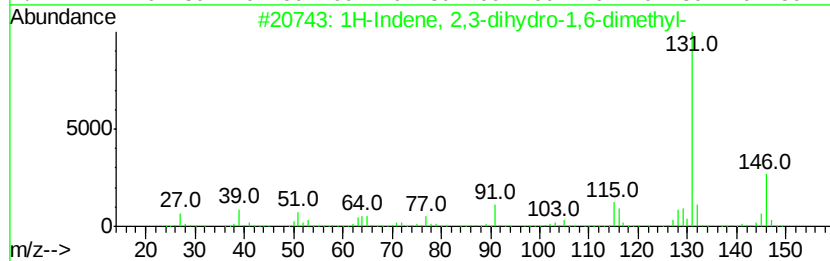
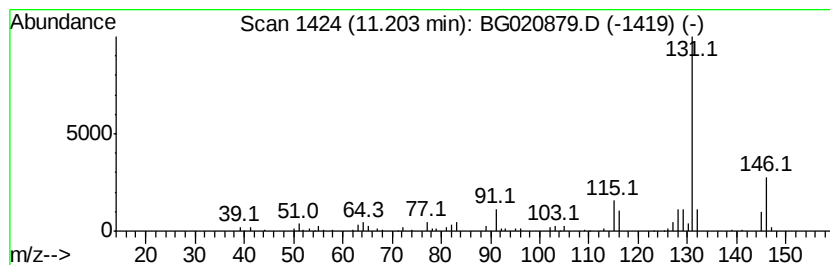
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	9.35 ng	176122	Naphthalene-d8	11.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5			1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
Acq On : 12 Feb 2016 5:54
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Sample : H1420-05
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Instrument :
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ClientSampleId :
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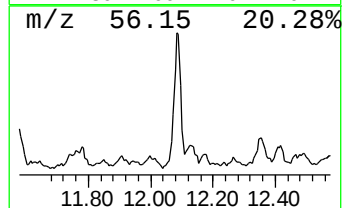
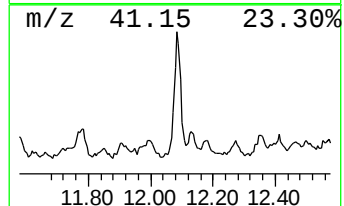
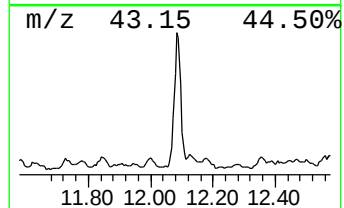
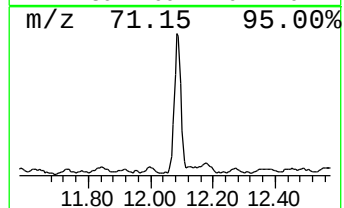
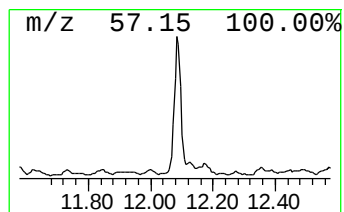
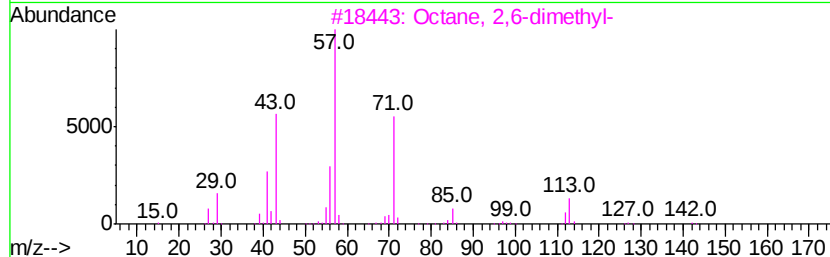
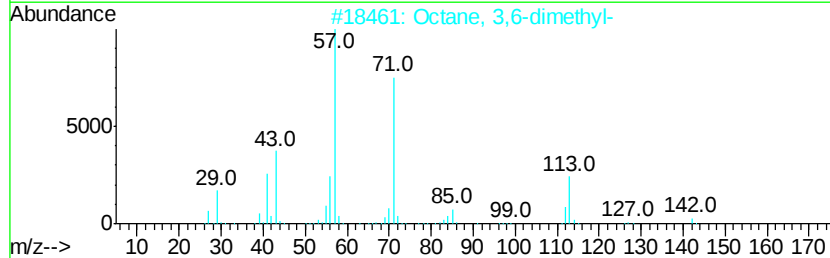
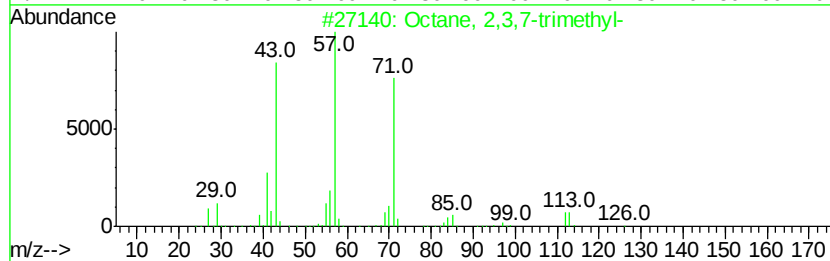
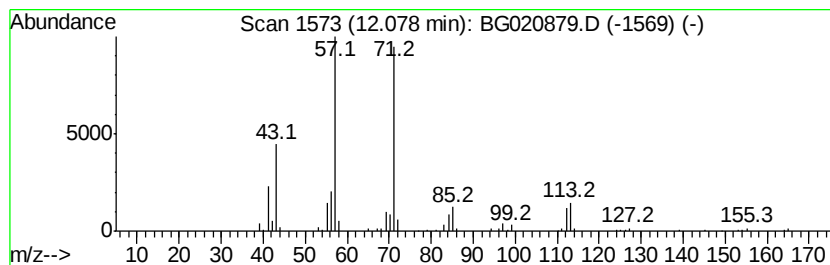
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octane, 2,3,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	8.93 ng	168149	Napthalene-d8	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
Acq On : 12 Feb 2016 5:54
Operator : SJ/UM
Sample : H1420-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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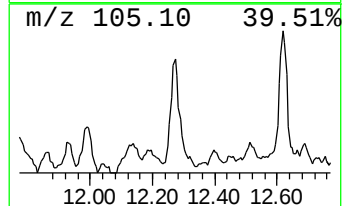
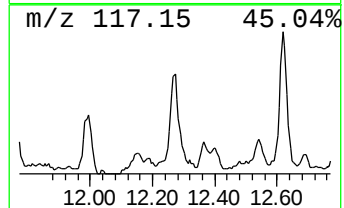
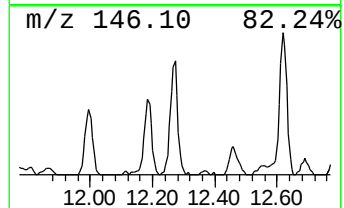
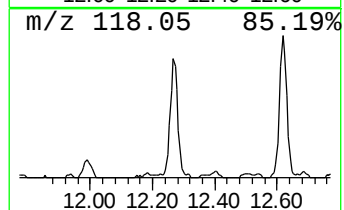
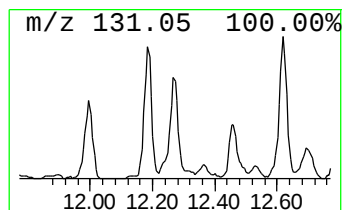
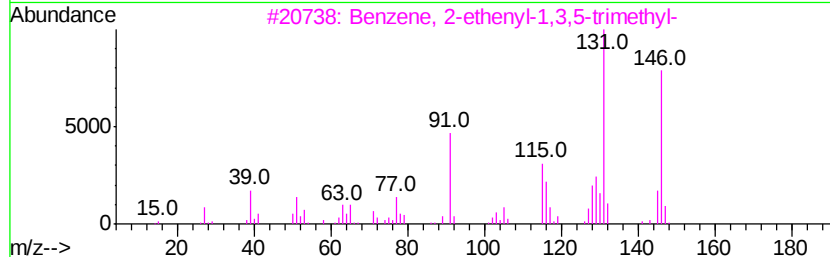
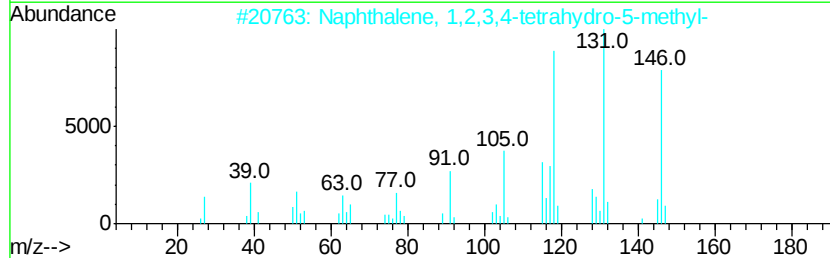
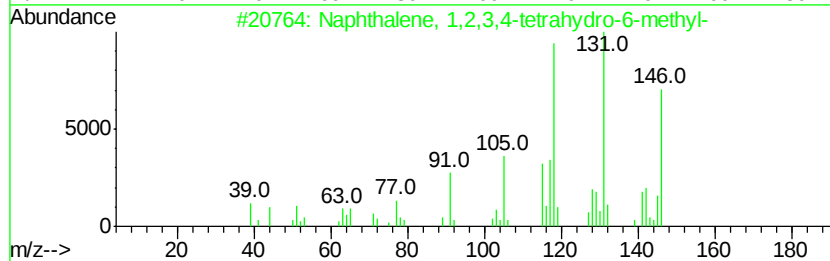
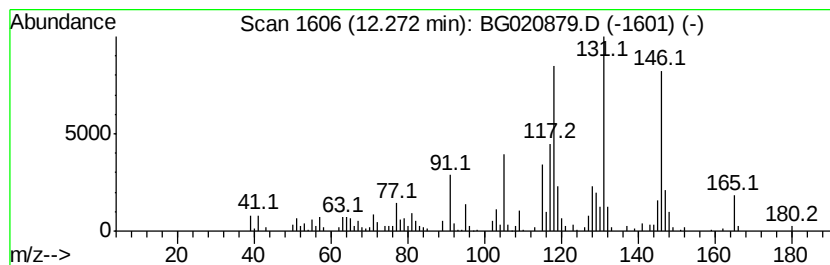
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	7.38 ng	138940	Naphthalene-d8	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	50
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
Acq On : 12 Feb 2016 5:54
Operator : SJ/UM
Sample : H1420-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

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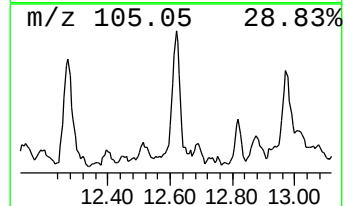
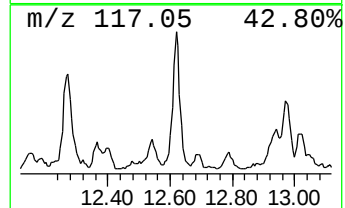
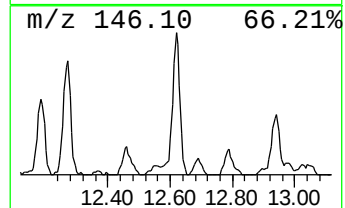
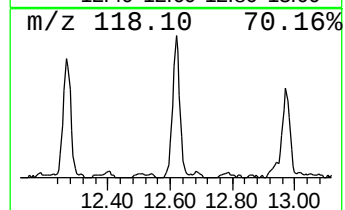
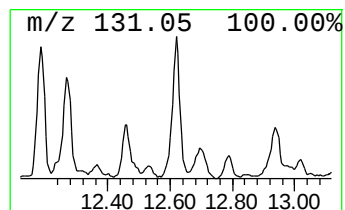
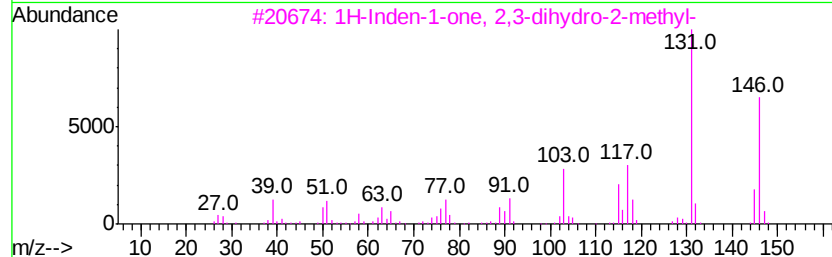
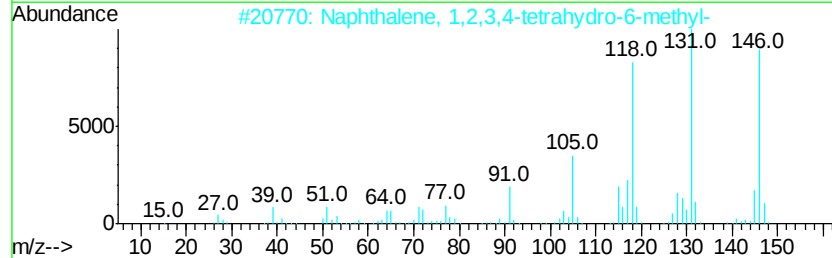
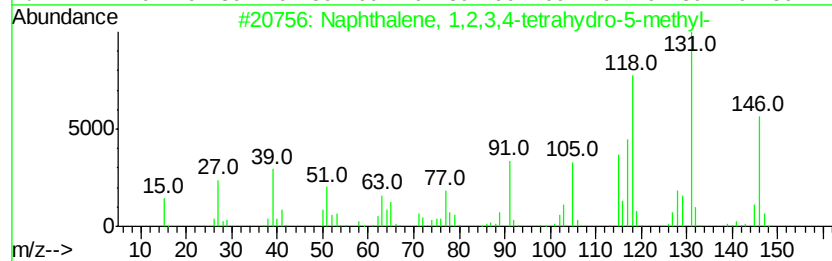
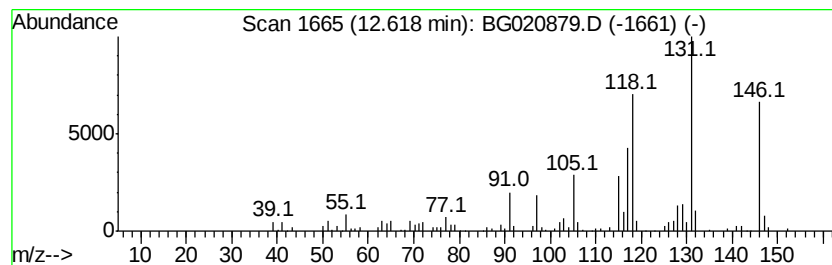
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	7.30 ng	137473	Naphthalene-d8	11.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	92
3			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
Acq On : 12 Feb 2016 5:54
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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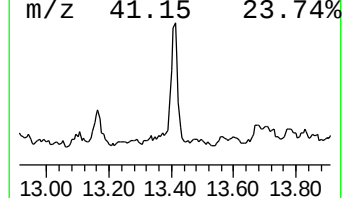
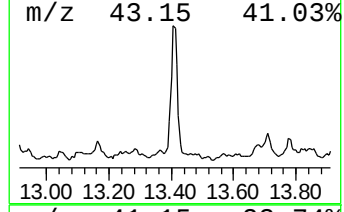
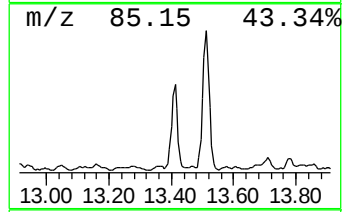
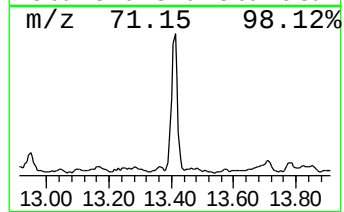
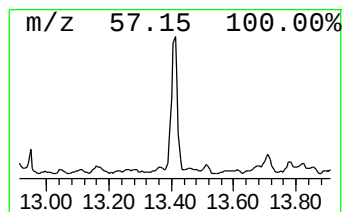
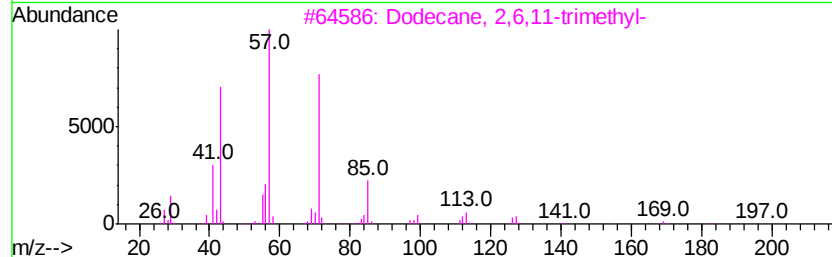
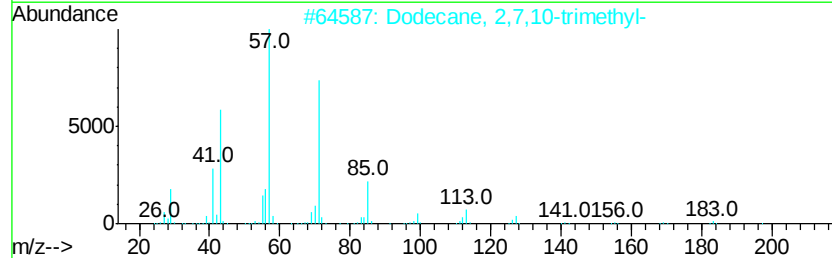
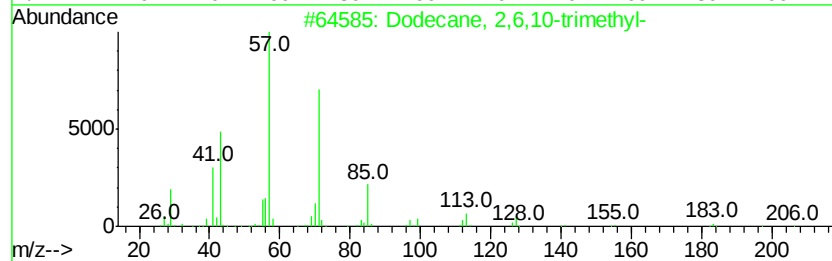
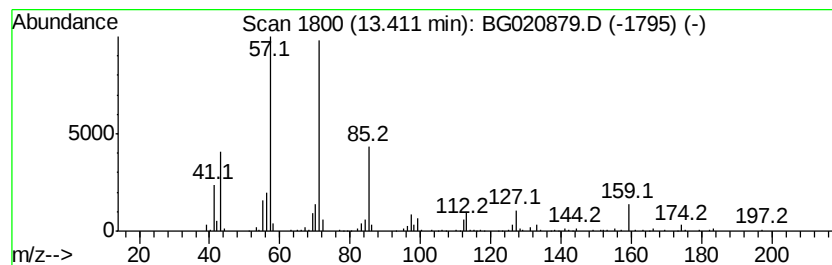
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	14.47 ng	219658	Acenaphthene-d10	14.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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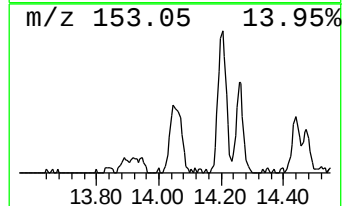
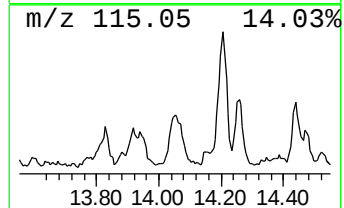
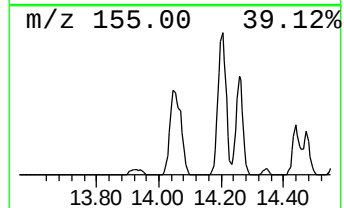
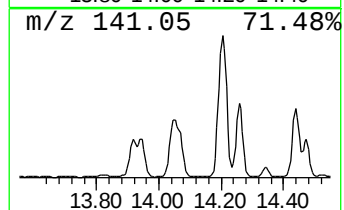
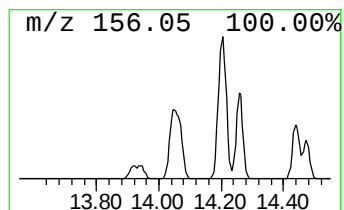
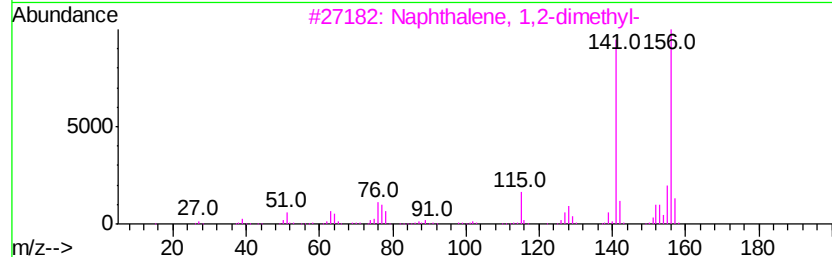
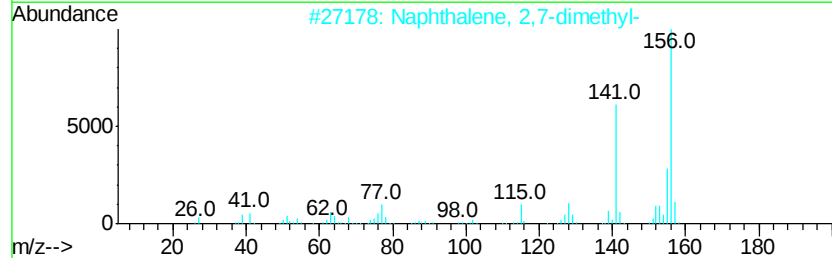
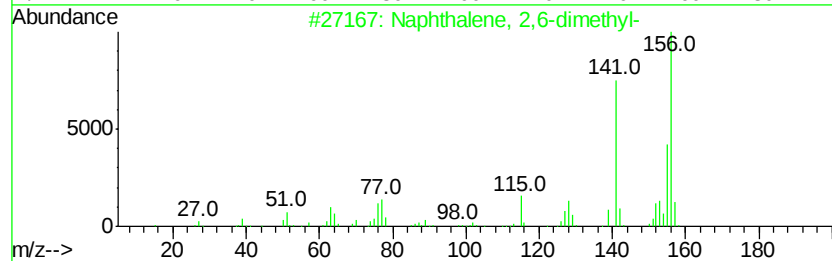
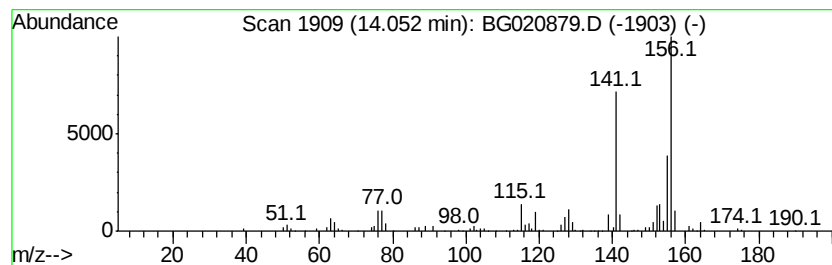
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	7.19 ng	109092	Acenaphthene-d10	14.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Acq On : 12 Feb 2016 5:54
Operator : SJ/UM
Sample : H1420-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBMW-19

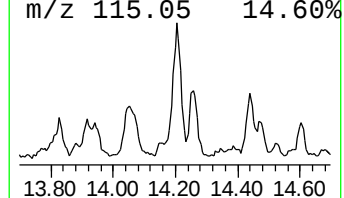
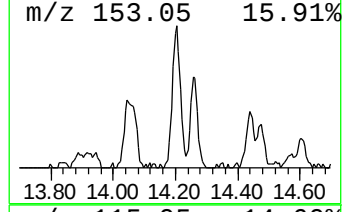
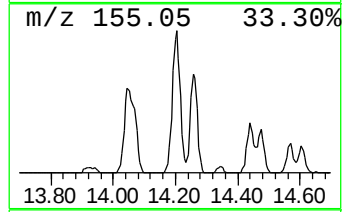
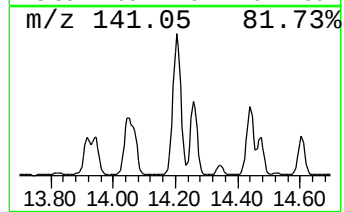
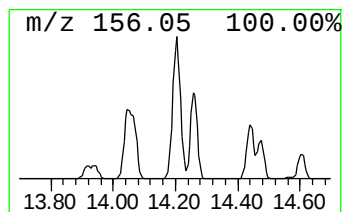
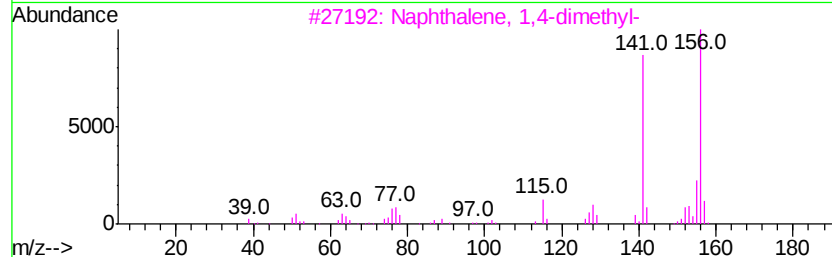
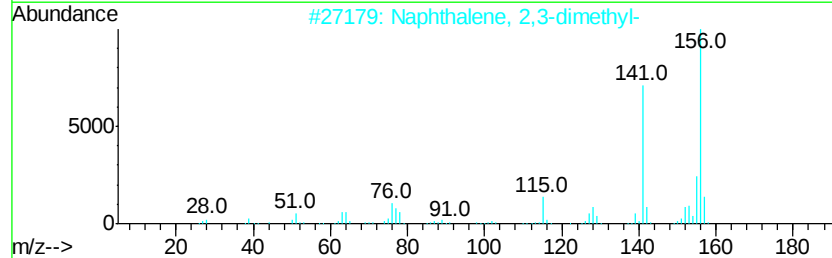
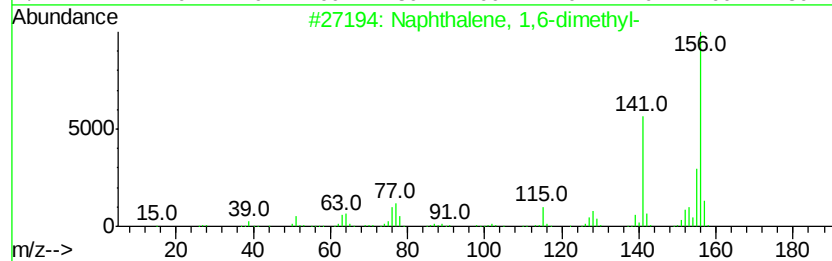
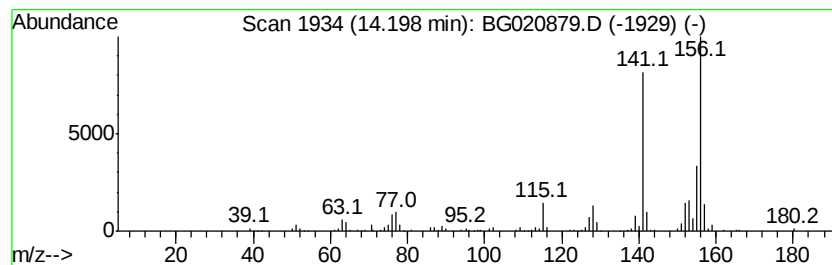
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	18.09 ng	274563	Acenaphthene-d10	14.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020879.D
Acq On : 12 Feb 2016 5:54
Operator : SJ/UM
Sample : H1420-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBMW-19

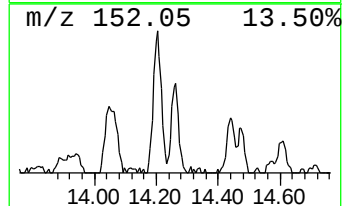
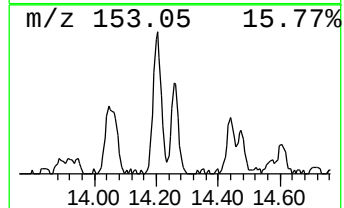
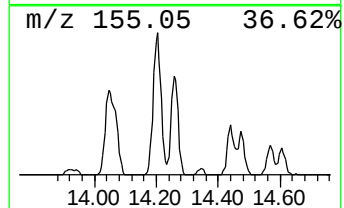
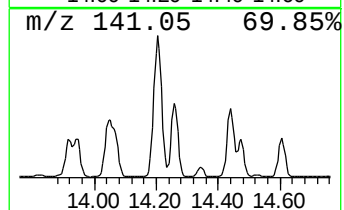
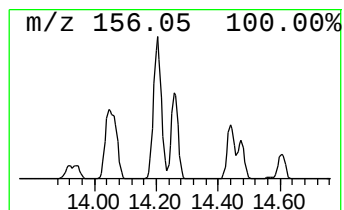
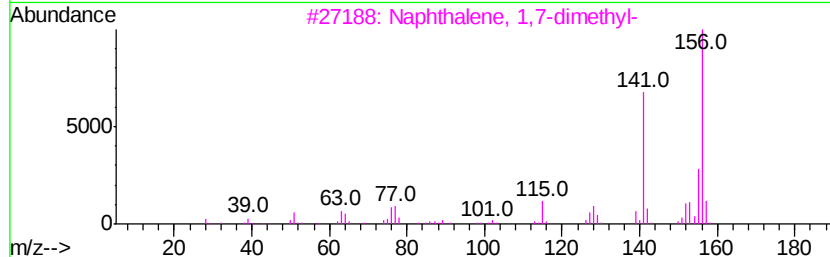
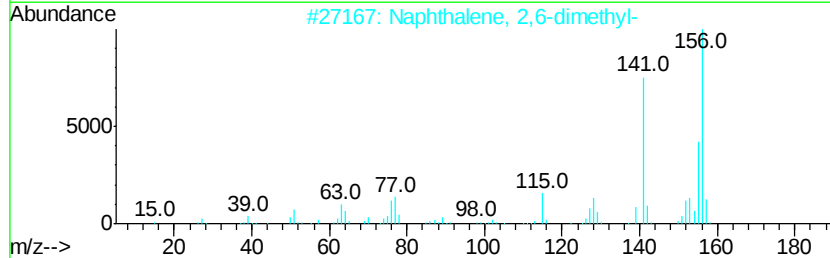
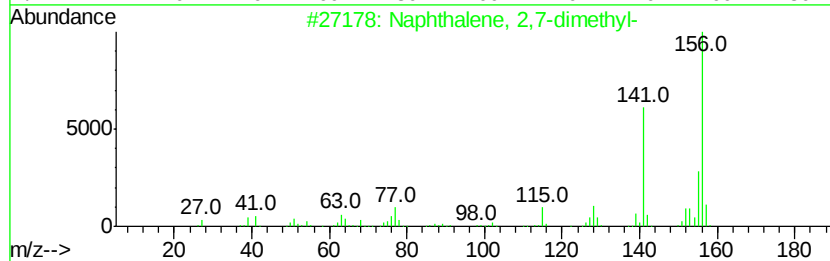
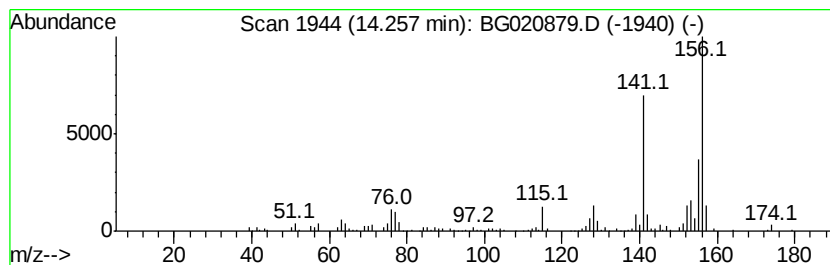
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	9.98 ng	151513	Acenaphthene-d10	14.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021116\
 Data File : BG020879.D
 Acq On : 12 Feb 2016 5:54
 Operator : SJ/UM
 Sample : H1420-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-19

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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
unknown7.80	7.80	83.8	ng	451088	1	8.27	107625	20.0
Indane	8.65	8.5	ng	45612	1	8.27	107625	20.0
Benzene, 1,4-diet...	8.76	11.3	ng	60989	1	8.27	107625	20.0
Benzene, 1,2-diet...	8.96	9.9	ng	53192	1	8.27	107625	20.0
Naphthalene, deca...	9.11	7.3	ng	39070	1	8.27	107625	20.0
Benzene, 4-ethyl-...	9.38	49.8	ng	267787	1	8.27	107625	20.0
Benzene, 1-ethyl-...	9.61	13.9	ng	74577	1	8.27	107625	20.0
Benzene, 1,2,4,5-...	9.90	9.4	ng	177773	2	11.10	376593	20.0
Benzene, (2-methy...	10.27	7.8	ng	147804	2	11.10	376593	20.0
Benzene, 1-methyl...	10.49	23.6	ng	443461	2	11.10	376593	20.0
1H-Indene, 2,3-di...	11.20	9.3	ng	176122	2	11.10	376593	20.0
Octane, 2,3,7-tri...	12.08	8.9	ng	168149	2	11.10	376593	20.0
Naphthalene, 1,2,...	12.27	7.4	ng	138940	2	11.10	376593	20.0
Naphthalene, 1,2,...	12.62	7.3	ng	137473	2	11.10	376593	20.0
Dodecane, 2,6,10-...	13.41	14.5	ng	219658	3	14.89	303539	20.0
Naphthalene, 2,6-...	14.05	7.2	ng	109092	3	14.89	303539	20.0
Naphthalene, 1,6-...	14.20	18.1	ng	274563	3	14.89	303539	20.0
Naphthalene, 2,7-...	14.26	10.0	ng	151513	3	14.89	303539	20.0