

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
 Data File : BG023885.D
 Acq On : 24 Aug 2016 15:35
 Operator : UM/SJ
 Sample : H4567-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.904	6	11	20	rBV	553189	855733	4.71%	0.490%
2	3.104	38	45	66	rVB	1505959	3457223	19.03%	1.978%
3	3.269	66	73	91	rBV8	134613	505788	2.78%	0.289%
4	3.416	91	98	108	rBV5	133722	477235	2.63%	0.273%
5	3.562	118	123	131	rVB	99174	235145	1.29%	0.135%
6	3.744	146	154	162	rVB	733635	1390393	7.65%	0.795%
7	3.909	174	182	184	rBV4	89856	194787	1.07%	0.111%
8	4.009	190	199	206	rBV2	514246	1154271	6.35%	0.660%
9	4.062	206	208	215	rVB2	113692	186490	1.03%	0.107%
10	4.226	227	236	240	rBV	468115	958777	5.28%	0.548%
11	4.526	282	287	307	rVB2	774750	1693535	9.32%	0.969%
12	4.725	307	321	325	rBV2	100022	246390	1.36%	0.141%
13	5.019	363	371	382	rBV	156286	387912	2.14%	0.222%
14	5.160	390	395	400	rBV	953546	1507840	8.30%	0.863%
15	5.207	400	403	407	rVV	195426	276955	1.52%	0.158%
16	5.260	407	412	418	rVB	401525	733916	4.04%	0.420%
17	5.571	455	465	472	rBV	9436577	18163955	100.00%	10.390%
18	5.642	472	477	482	rBV	602289	938332	5.17%	0.537%
19	5.701	482	487	489	rBV2	918401	1601399	8.82%	0.916%
20	6.188	566	570	579	rVB	127876	223404	1.23%	0.128%
21	6.552	624	632	644	rBV	1767313	2998711	16.51%	1.715%
22	7.052	710	717	729	rVB	3682158	6366666	35.05%	3.642%
23	7.222	739	746	749	rBV	672385	1154298	6.35%	0.660%
24	7.251	749	751	754	rVV	446375	636175	3.50%	0.364%
25	7.298	754	759	771	rVB	1253550	2097457	11.55%	1.200%
26	7.469	781	788	799	rBV	1196566	2039950	11.23%	1.167%
27	7.622	808	814	822	rBV	1139387	2031057	11.18%	1.162%
28	7.733	825	833	841	rVB	4122764	7113011	39.16%	4.069%
29	7.951	865	870	872	rVV	213321	323791	1.78%	0.185%
30	7.986	872	876	888	rVB	255965	460993	2.54%	0.264%
31	8.092	888	894	907	rBV2	492246	1252726	6.90%	0.717%
32	8.203	907	913	920	rVV	1121772	2126141	11.71%	1.216%
33	8.268	920	924	932	rVV4	210938	430315	2.37%	0.246%
34	8.420	933	950	953	rVV2	1556488	3878828	21.35%	2.219%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.473	953	959	966	rVV	7244464	13264769	73.03%	7.588%
36	8.579	969	977	982	rVV	1099466	1757911	9.68%	1.006%
37	8.638	982	987	994	rVB	185537	304503	1.68%	0.174%
38	8.732	994	1003	1008	rBV2	1544267	2746659	15.12%	1.571%
39	8.785	1008	1012	1024	rVB2	259572	451052	2.48%	0.258%
40	8.896	1024	1031	1045	rBV	564510	1041605	5.73%	0.596%
41	9.043	1048	1056	1061	rBV	599437	1112612	6.13%	0.636%
42	9.102	1061	1066	1072	rVV2	552457	1106159	6.09%	0.633%
43	9.202	1072	1083	1090	rVV2	3003314	6243619	34.37%	3.572%
44	9.284	1090	1097	1107	rVV3	2413492	4980992	27.42%	2.849%
45	9.454	1119	1126	1135	rVB7	140688	370988	2.04%	0.212%
46	9.537	1135	1140	1147	rBV2	118063	244169	1.34%	0.140%
47	9.730	1167	1173	1178	rBV	1471842	2405952	13.25%	1.376%
48	9.789	1178	1183	1190	rVB	835252	1328378	7.31%	0.760%
49	9.883	1192	1199	1201	rBV3	116672	208605	1.15%	0.119%
50	9.989	1208	1217	1221	rBV	132545	240525	1.32%	0.138%
51	10.106	1230	1237	1240	rBV3	163778	324976	1.79%	0.186%
52	10.159	1240	1246	1257	rVB	1397509	2540923	13.99%	1.453%
53	10.312	1265	1272	1280	rVV2	3433994	6643902	36.58%	3.801%
54	10.371	1280	1282	1287	rVV2	210673	357591	1.97%	0.205%
55	10.435	1287	1293	1299	rVV5	224015	648034	3.57%	0.371%
56	10.488	1299	1302	1307	rVV3	157912	296821	1.63%	0.170%
57	10.553	1307	1313	1318	rVV	329854	627596	3.46%	0.359%
58	10.612	1318	1323	1330	rVB	170613	294144	1.62%	0.168%
59	10.800	1343	1355	1358	rBV6	135585	347831	1.91%	0.199%
60	10.929	1364	1377	1379	rBV2	547572	1518606	8.36%	0.869%
61	10.982	1379	1386	1392	rVV	4986070	9663933	53.20%	5.528%
62	11.029	1392	1394	1400	rVB	226609	325230	1.79%	0.186%
63	11.099	1400	1406	1409	rBV	146527	269317	1.48%	0.154%
64	11.129	1409	1411	1417	rVB	149253	198001	1.09%	0.113%
65	11.469	1459	1469	1472	rBV6	109804	288438	1.59%	0.165%
66	11.510	1472	1476	1480	rVV6	166742	336228	1.85%	0.192%
67	11.581	1484	1488	1496	rVB	301407	544299	3.00%	0.311%
68	11.839	1524	1532	1543	rVB	371537	744840	4.10%	0.426%
69	11.992	1543	1558	1561	rBV2	384486	985048	5.42%	0.563%
70	12.033	1561	1565	1573	rVV4	311263	700824	3.86%	0.401%
71	12.110	1573	1578	1587	rVB5	164353	365787	2.01%	0.209%

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72	12.245	1597	1601	1606	rVB3	116726	184035	1.01%	0.105%
73	12.309	1606	1612	1620	rVB2	278632	486144	2.68%	0.278%
74	12.480	1637	1641	1647	rVB2	163395	306127	1.69%	0.175%
75	12.585	1652	1659	1665	rBV	2544894	4332972	23.85%	2.479%
76	12.703	1674	1679	1685	rVB3	128691	213347	1.17%	0.122%
77	12.803	1686	1696	1703	rVV	1947351	3449048	18.99%	1.973%
78	12.879	1703	1709	1713	rVV5	188107	438063	2.41%	0.251%
79	12.950	1713	1721	1735	rVV3	906799	2406763	13.25%	1.377%
80	13.079	1735	1743	1753	rVV4	285406	623749	3.43%	0.357%
81	13.196	1756	1763	1775	rVB6	256650	626100	3.45%	0.358%
82	13.378	1785	1794	1802	rVB	3358168	5391328	29.68%	3.084%
83	13.931	1879	1888	1892	rBV4	119688	340525	1.87%	0.195%
84	14.001	1897	1900	1906	rVB2	113606	210052	1.16%	0.120%
85	14.078	1906	1913	1917	rBV2	273770	556349	3.06%	0.318%
86	14.125	1917	1921	1930	rVB4	355683	709515	3.91%	0.406%
87	14.483	1974	1982	1985	rBV4	76480	205108	1.13%	0.117%
88	14.765	2020	2030	2039	rBV2	1211459	2171197	11.95%	1.242%
89	14.953	2057	2062	2073	rVB2	199453	379815	2.09%	0.217%
90	15.264	2111	2115	2126	rVB6	87235	206362	1.14%	0.118%
91	15.499	2150	2155	2161	rBV	149381	251247	1.38%	0.144%
92	16.263	2279	2285	2291	rBV	1823517	2709348	14.92%	1.550%
93	16.322	2291	2295	2304	rVB	350302	522239	2.88%	0.299%
94	17.526	2494	2500	2506	rBV2	1206703	1839997	10.13%	1.053%
95	17.784	2539	2544	2550	rVB	348314	459602	2.53%	0.263%
96	18.472	2656	2661	2666	rVB	199440	262776	1.45%	0.150%
97	19.265	2792	2796	2810	rVB6	77085	216938	1.19%	0.124%
98	20.134	2938	2944	2950	rBV	5678540	7215523	39.72%	4.127%
99	21.838	3228	3234	3243	rBV2	1225141	2111222	11.62%	1.208%
100	25.215	3795	3809	3821	rBV3	663759	2060435	11.34%	1.179%

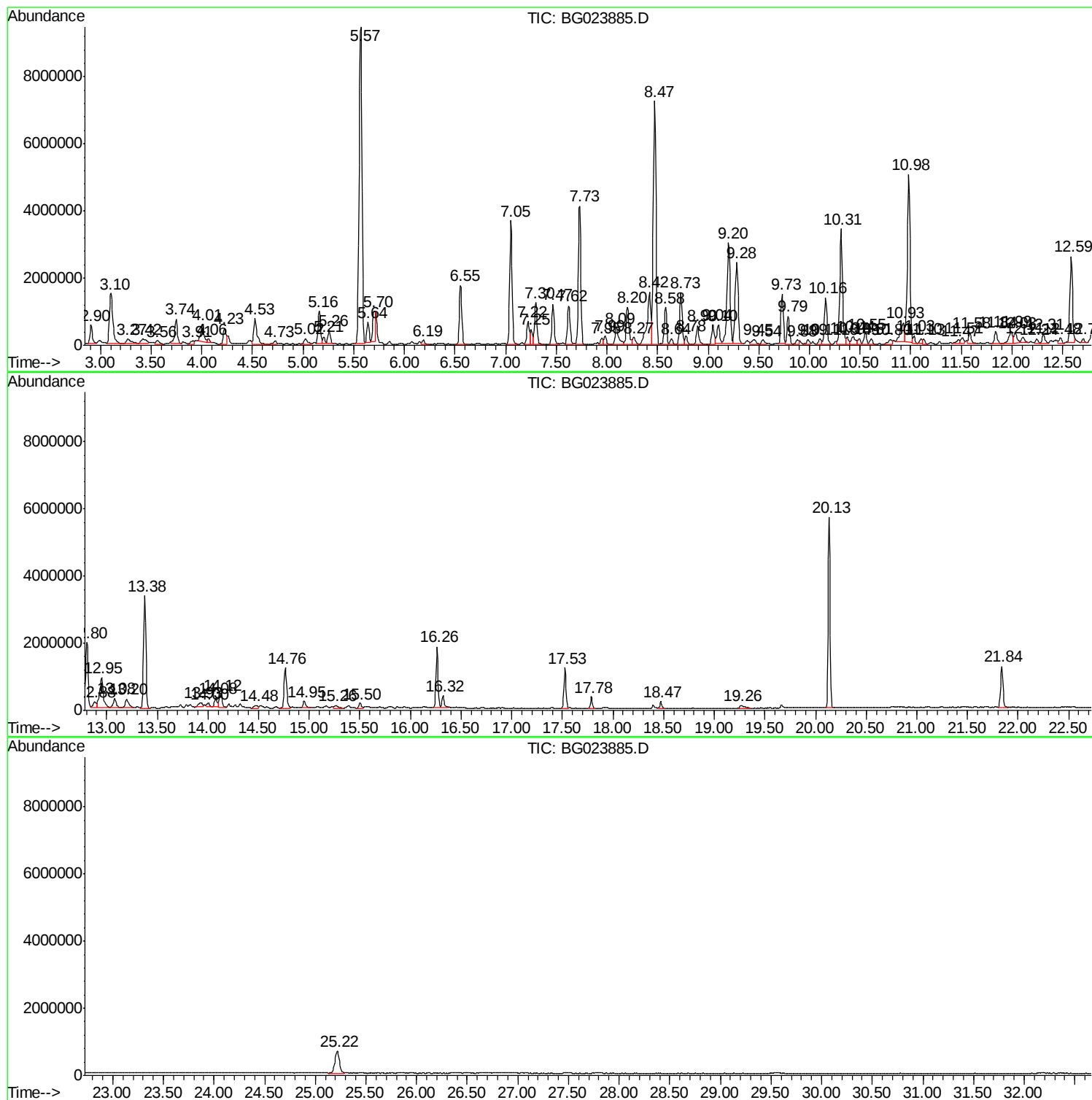
Sum of corrected areas: 174816392

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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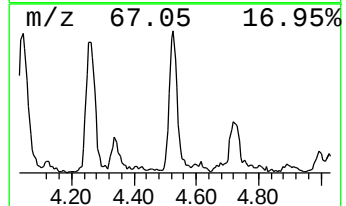
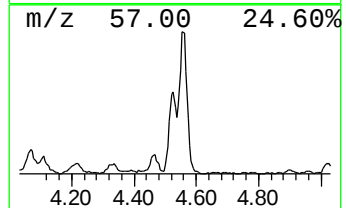
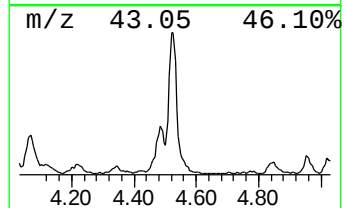
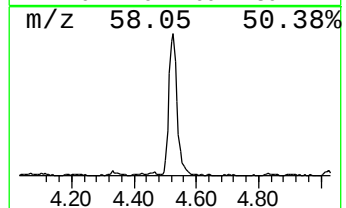
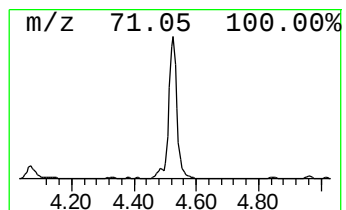
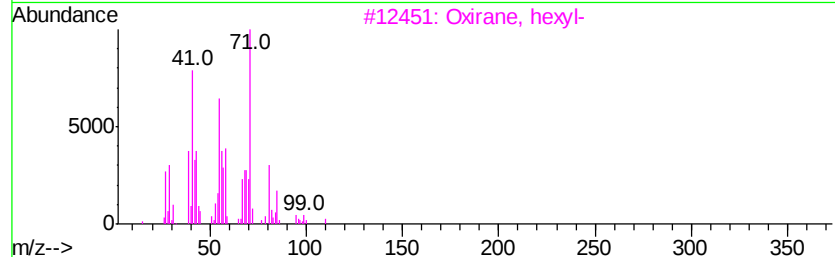
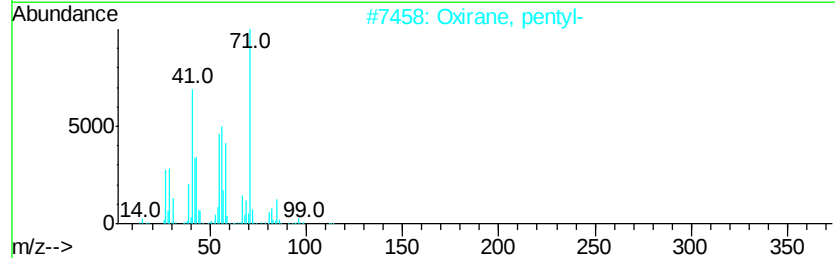
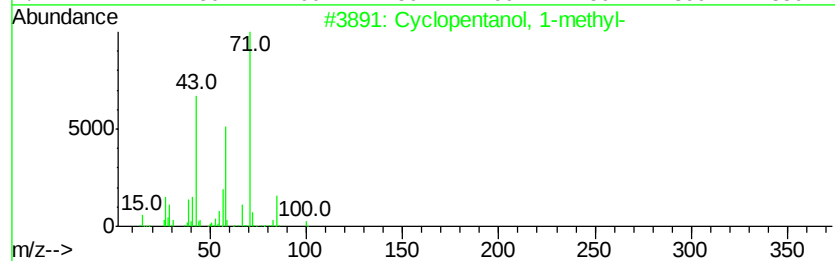
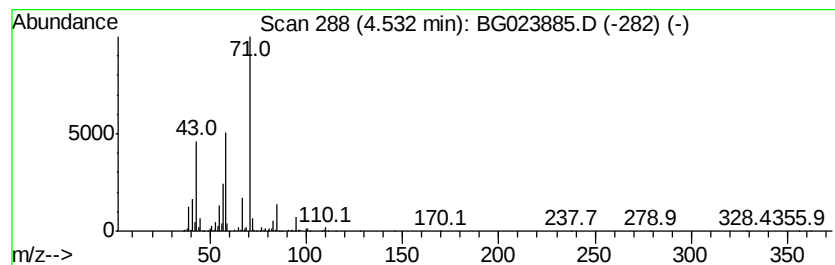
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclopentanol, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	27.04 ng	1693540	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	87
2		Oxirane, pentyl-	114	C7H14O	005063-65-0	64
3		Oxirane, hexyl-	128	C8H16O	002984-50-1	39
4		Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	38
5		1,7-Octadiene, 3-methoxy-	140	C9H16O	020202-62-4	38



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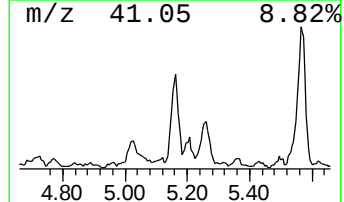
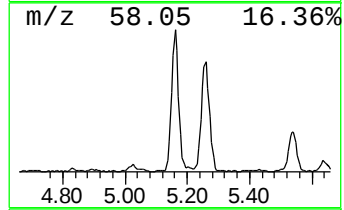
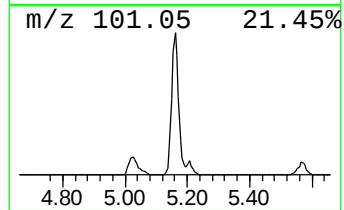
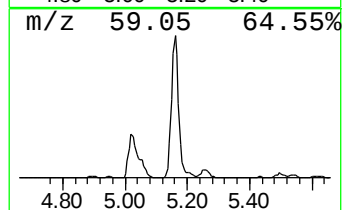
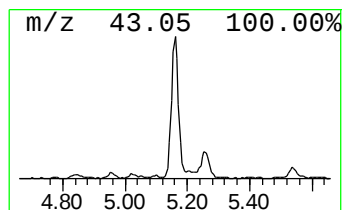
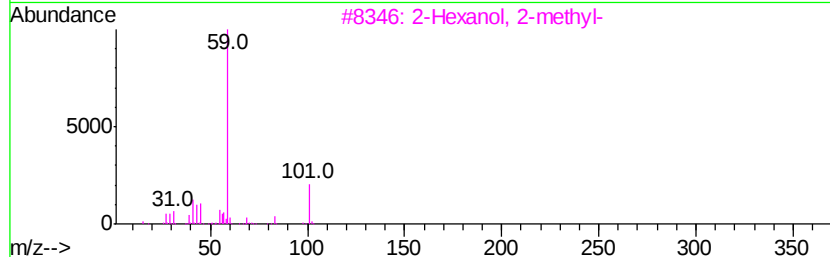
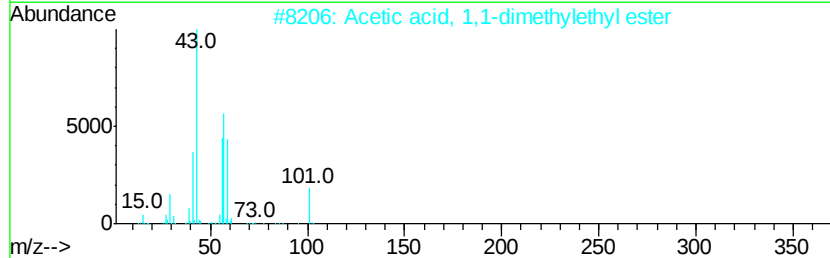
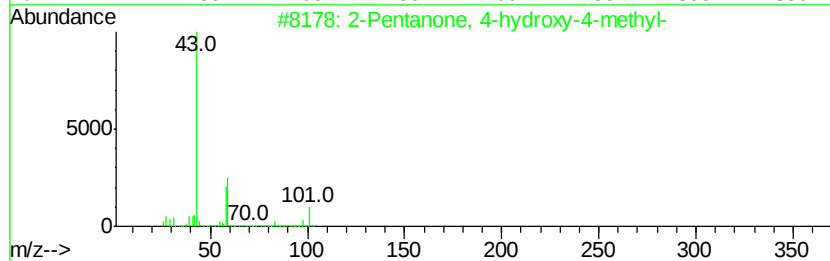
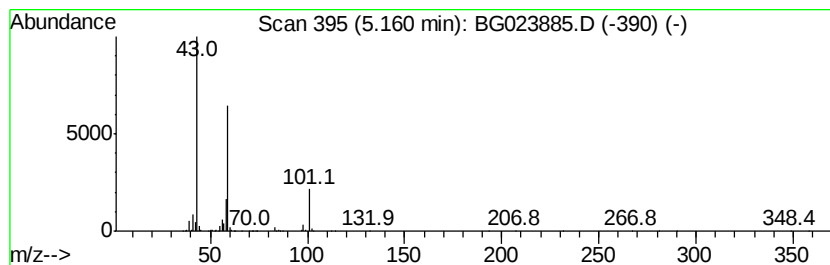
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	24.07 ng	1507840	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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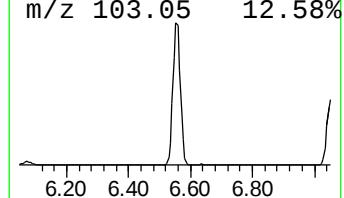
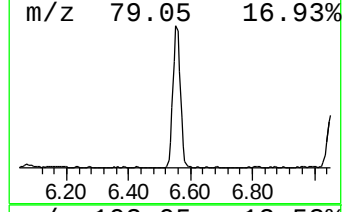
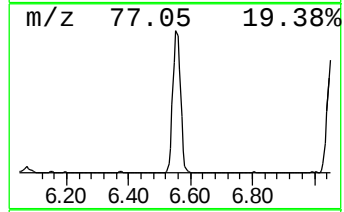
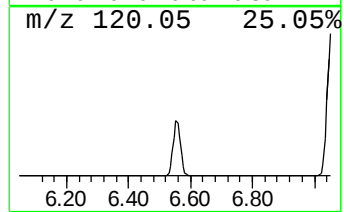
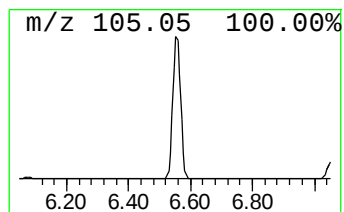
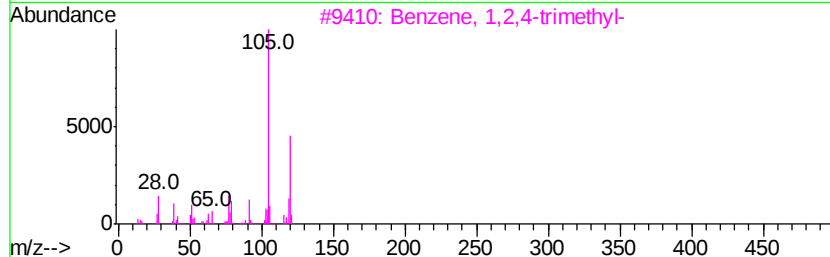
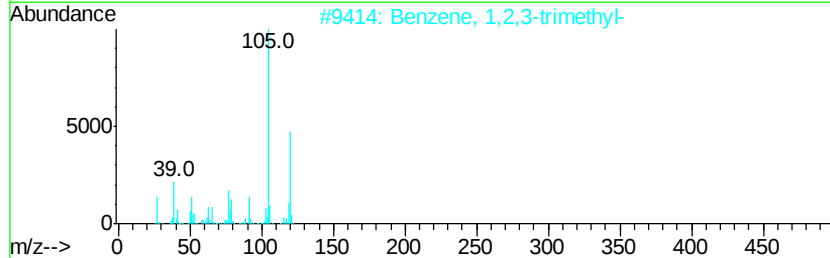
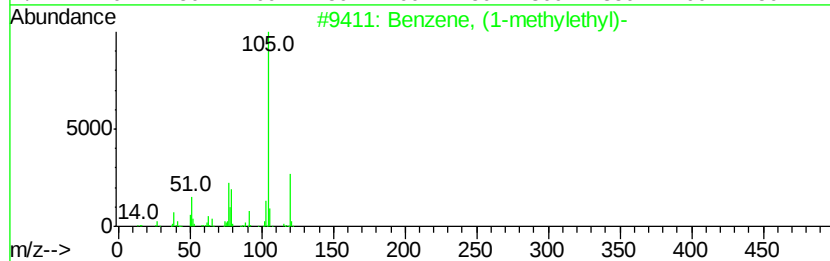
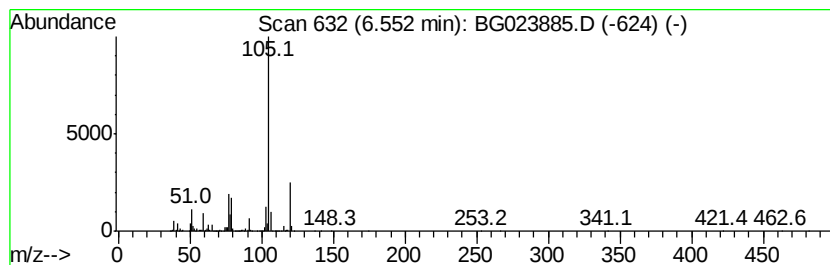
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	47.88 ng	2998710	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	68
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
Operator : UM/SJ
Sample : H4567-01
Misc :
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Instrument :
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ClientSampleId :
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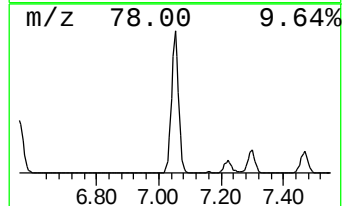
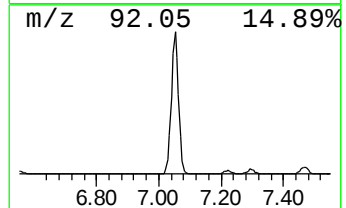
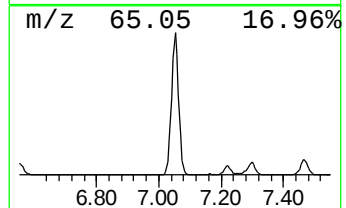
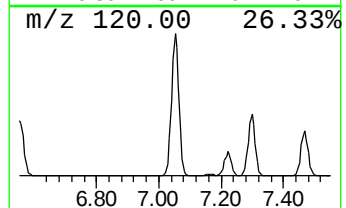
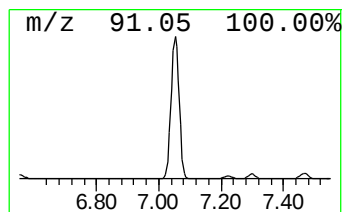
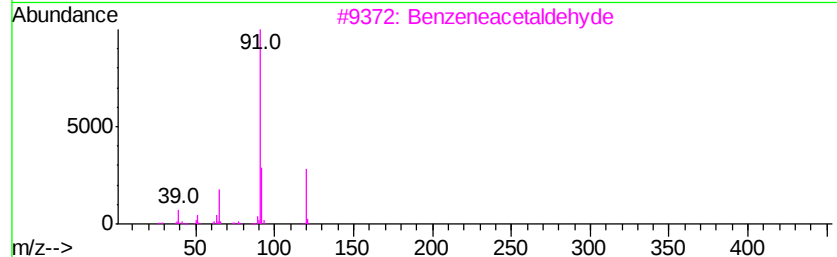
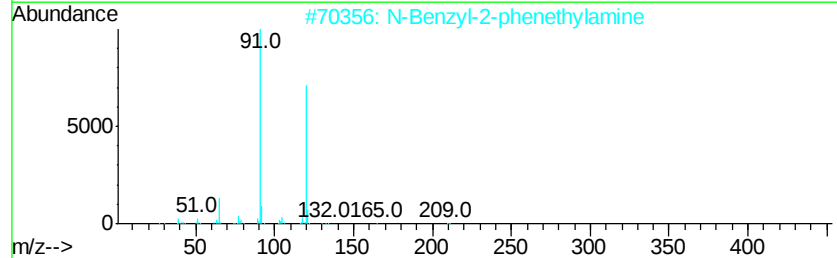
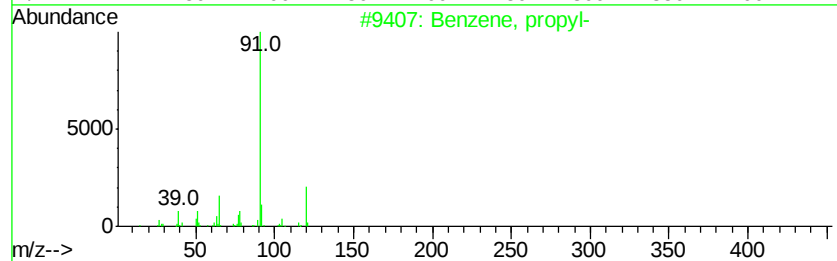
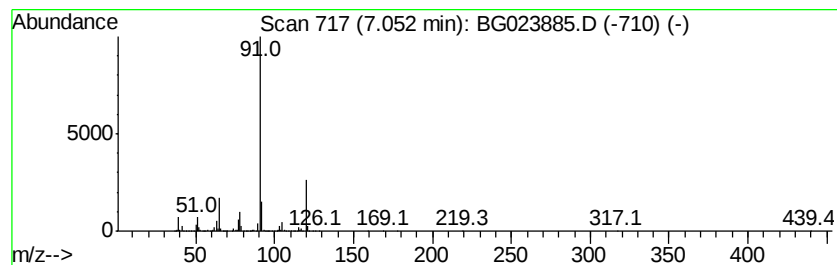
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	101.65 ng	6366670	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
3		Benzeneacetaldehyde	120	C8H8O	000122-78-1	58
4		Propanenitrile, 3-[(phenylmethyl...]	160	C10H12N2	000706-03-6	53
5		2-Benzyloxy-4-bromobutane-1,3-diol	274	C11H15BrO3	1000191-12-1	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
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Misc :
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ClientSampleId :
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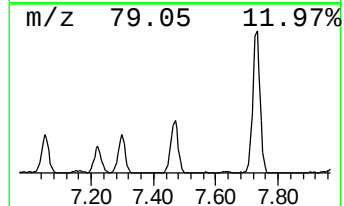
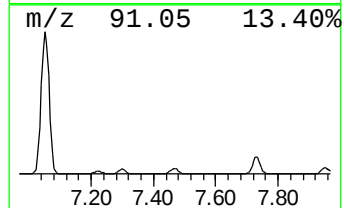
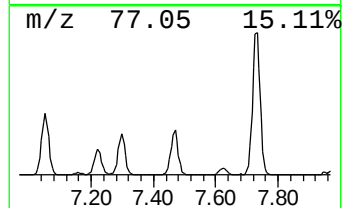
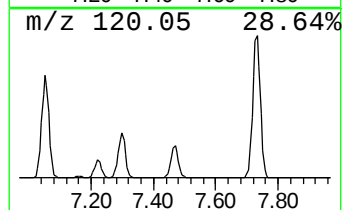
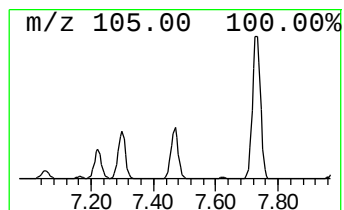
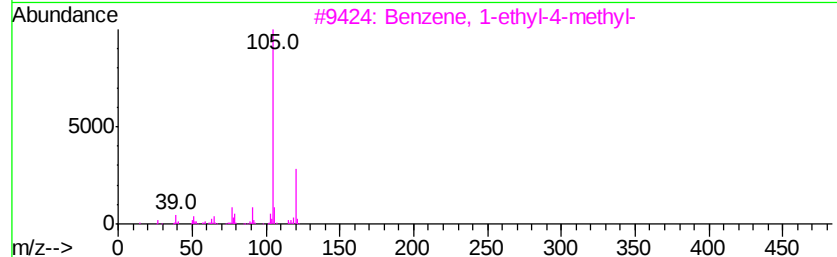
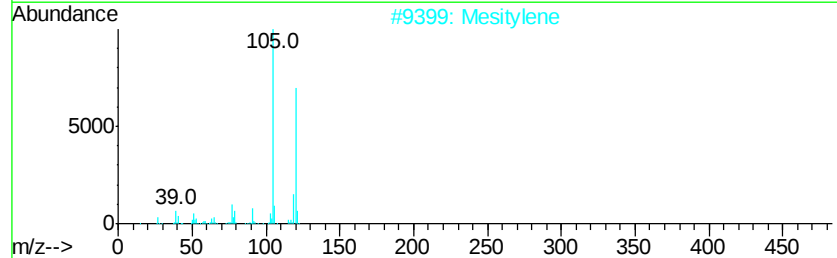
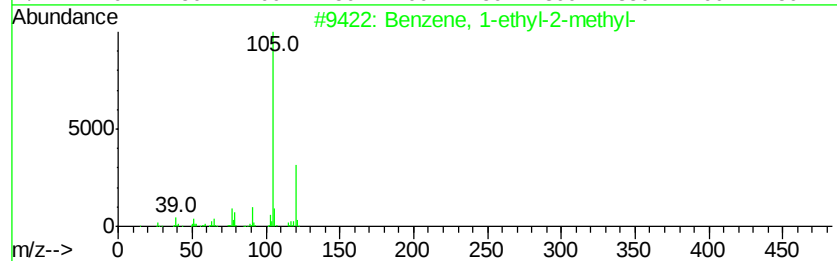
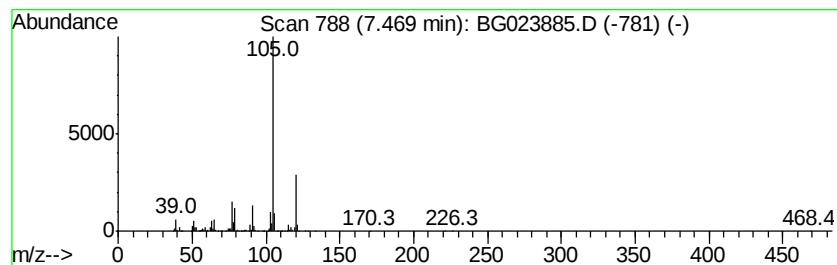
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	32.57 ng	2039950	1,4-Dichlorobenzene-d4	8.09

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
Operator : UM/SJ
Sample : H4567-01
Misc :
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ClientSampleId :
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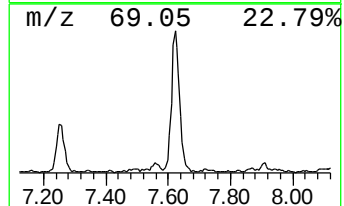
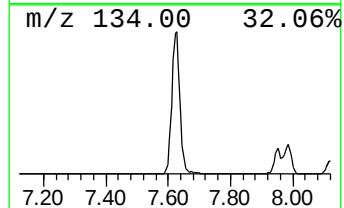
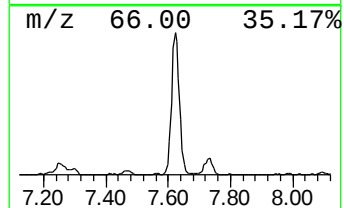
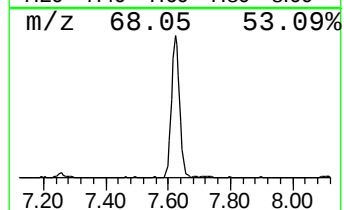
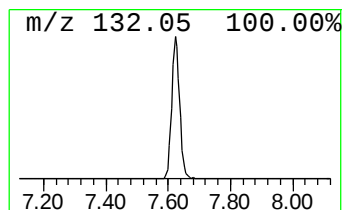
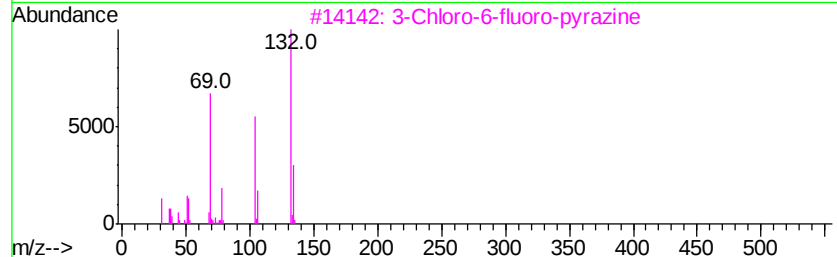
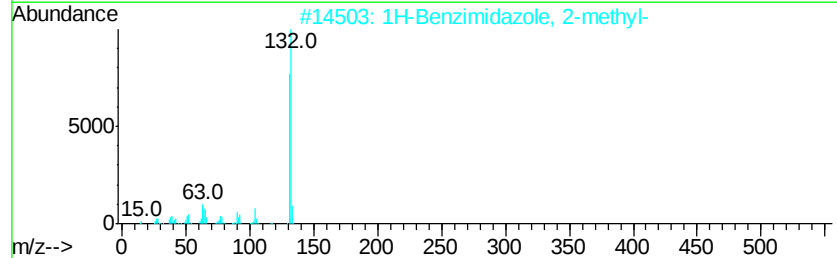
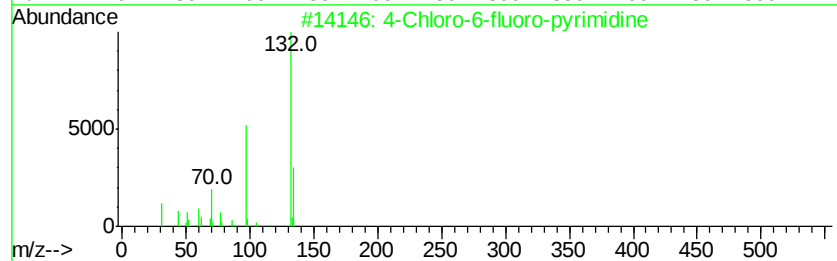
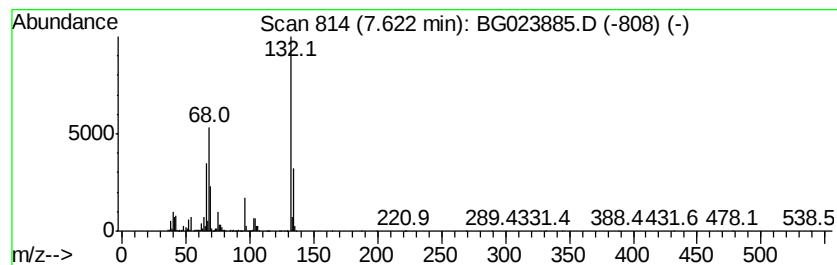
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.62 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	32.43 ng	2031060	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
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Sample : H4567-01
Misc :
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Instrument :
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ClientSampleId :
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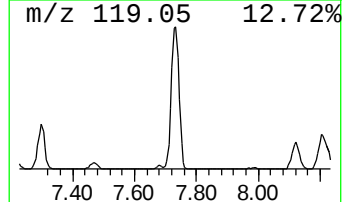
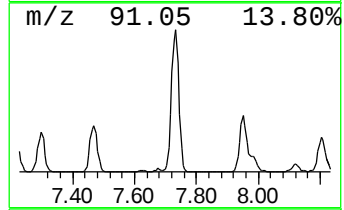
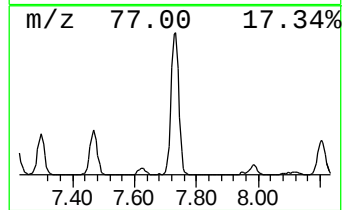
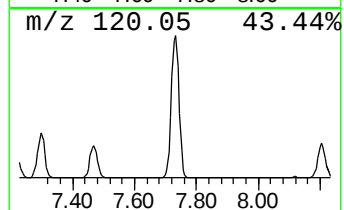
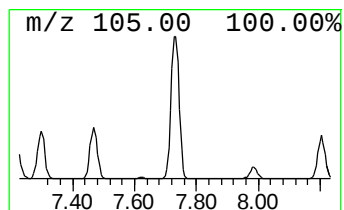
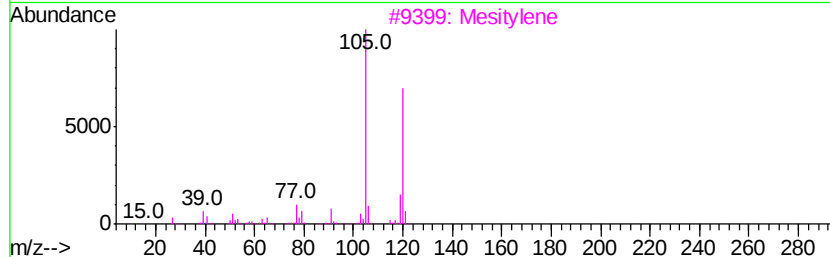
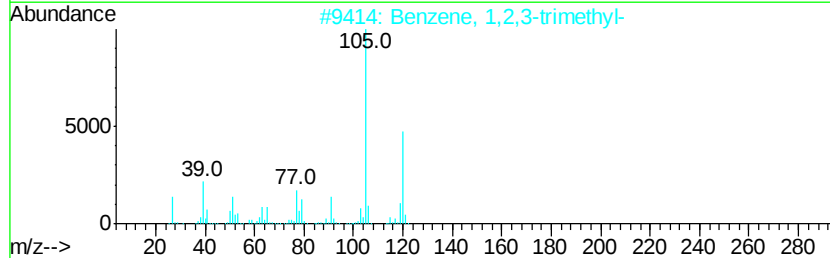
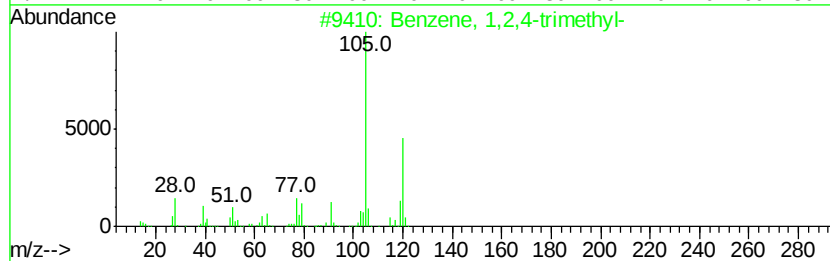
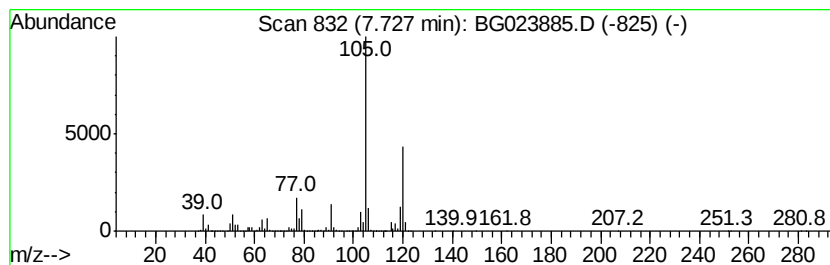
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	113.56 ng	7113010	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
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Misc :
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ClientSampleId :
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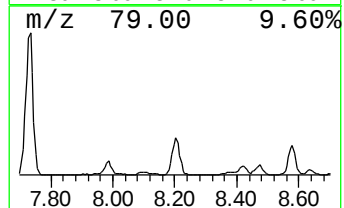
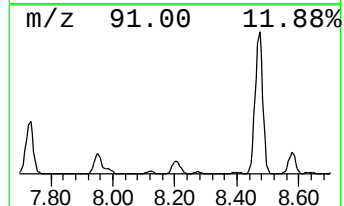
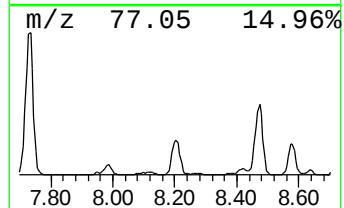
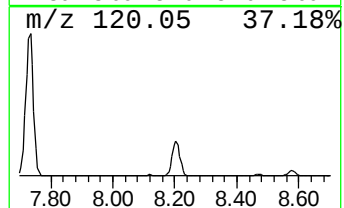
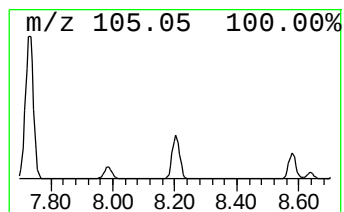
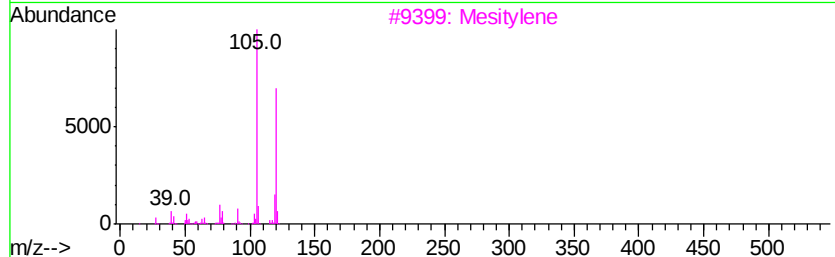
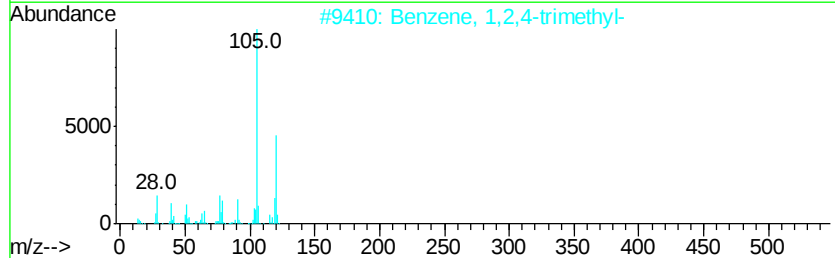
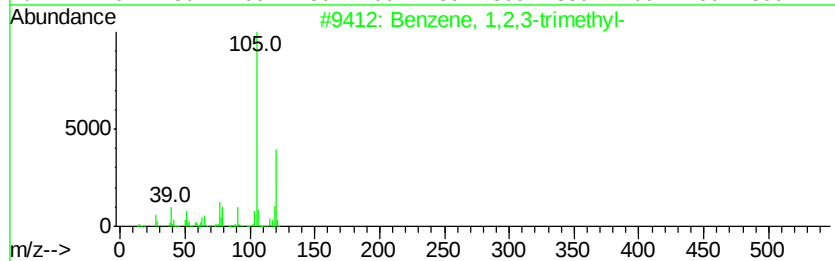
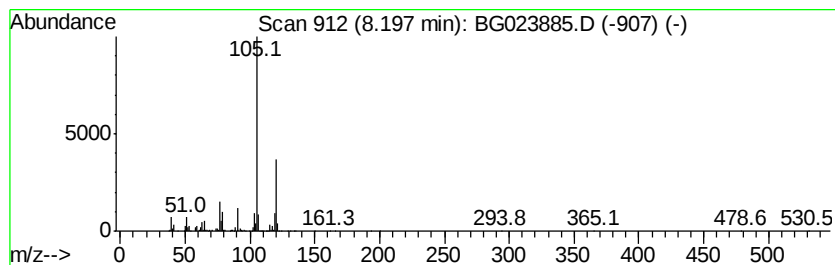
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	33.94 ng	2126140	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
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ALS Vial : 6 Sample Multiplier: 1

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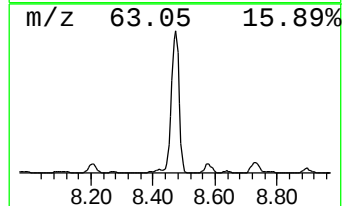
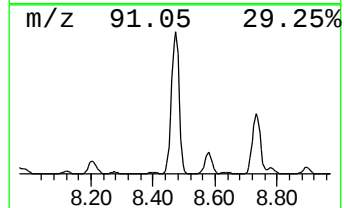
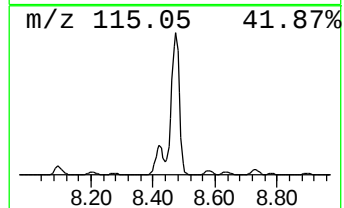
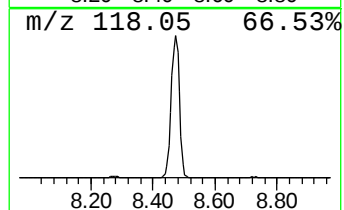
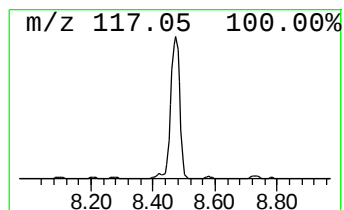
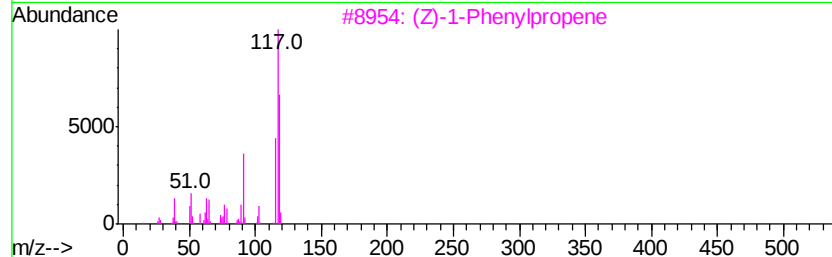
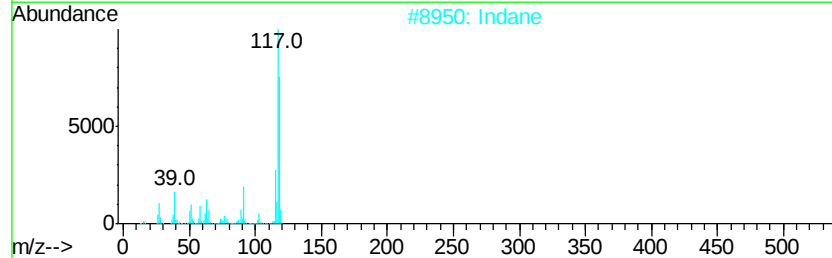
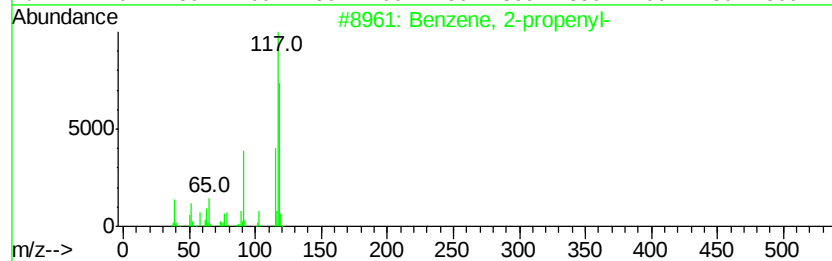
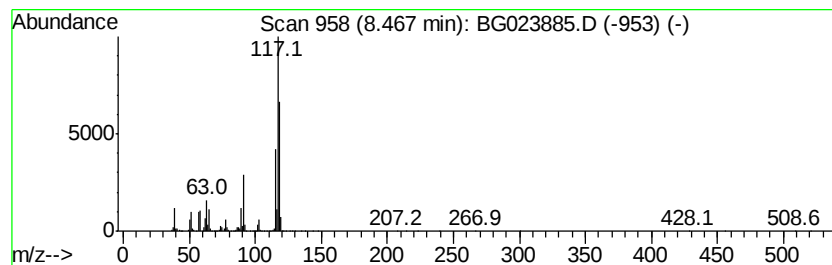
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	211.77 ng	13264800	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
2		Indane	118	C9H10	000496-11-7	93
3		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	89
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	76
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
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ClientSampleId :
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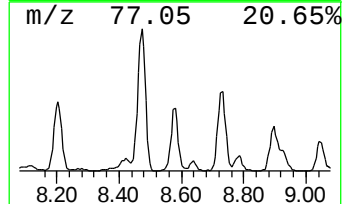
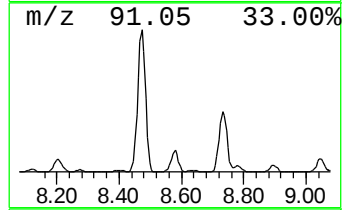
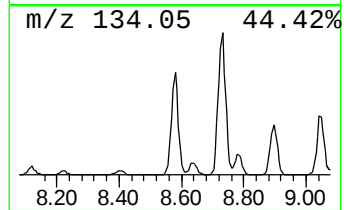
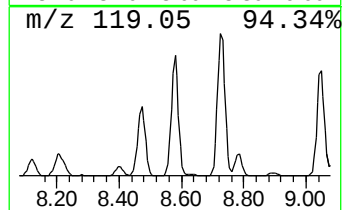
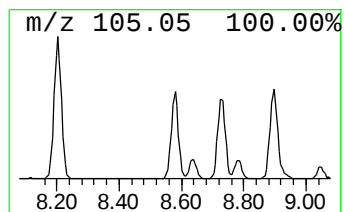
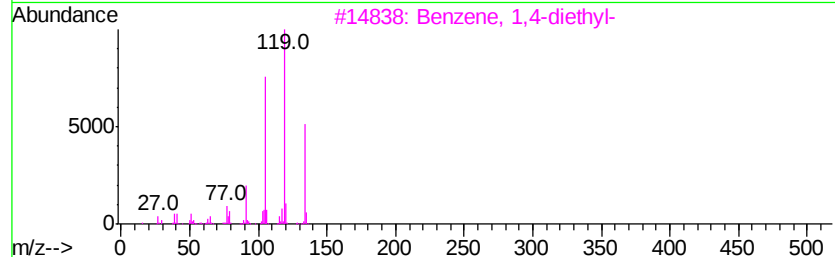
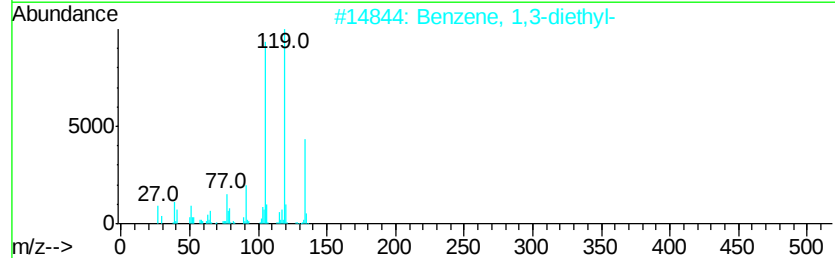
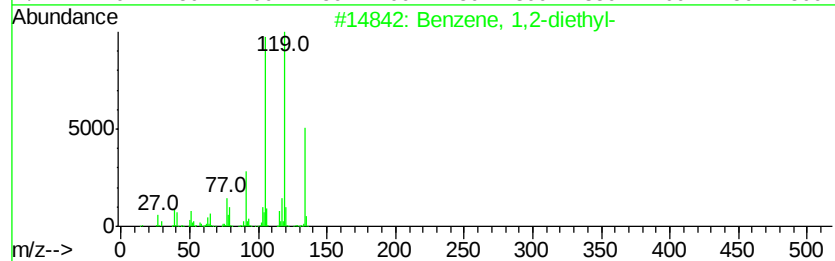
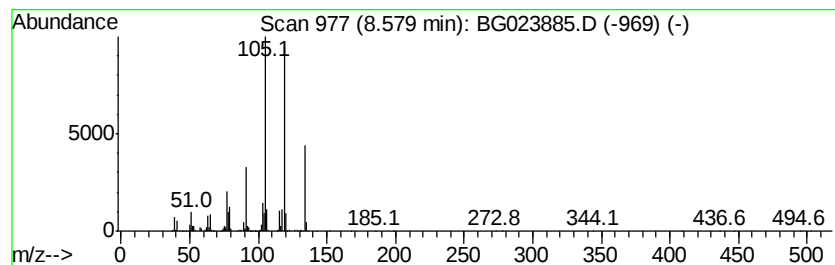
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	28.07 ng	1757910	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
Operator : UM/SJ
Sample : H4567-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

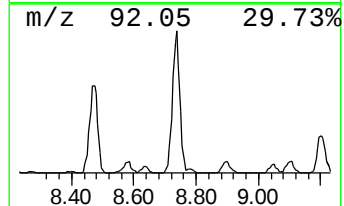
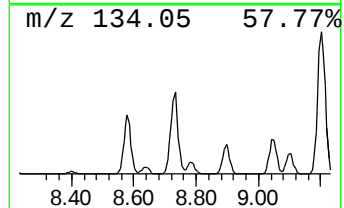
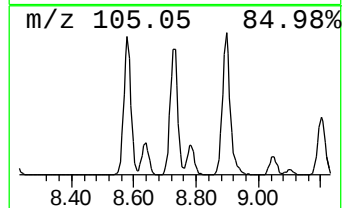
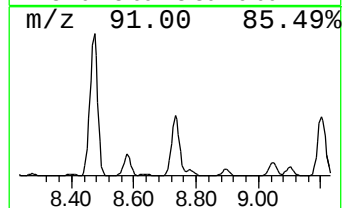
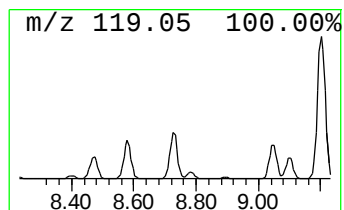
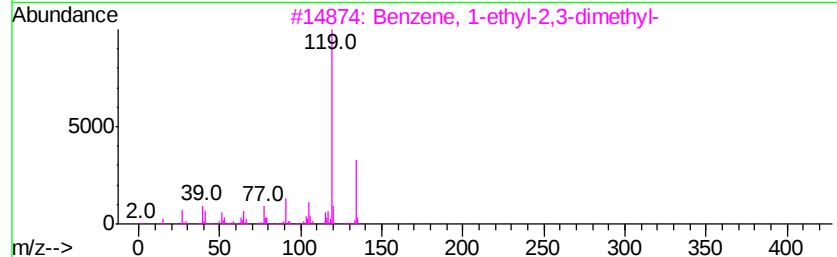
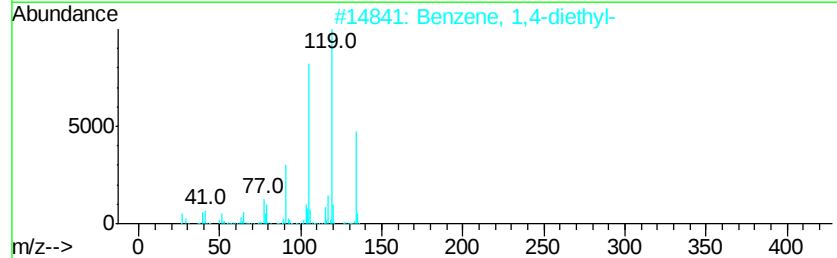
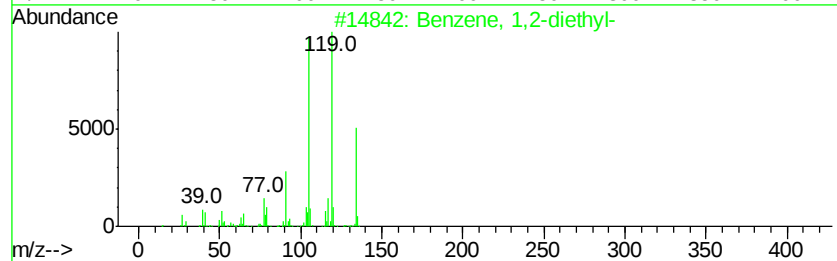
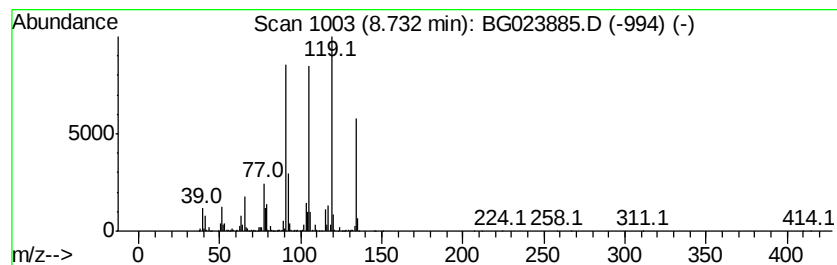
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	43.85 ng	2746660	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
Operator : UM/SJ
Sample : H4567-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1

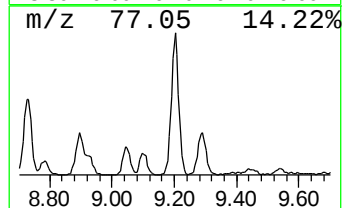
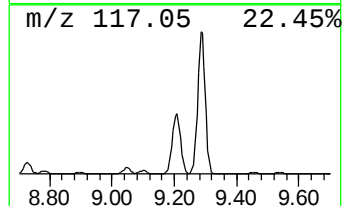
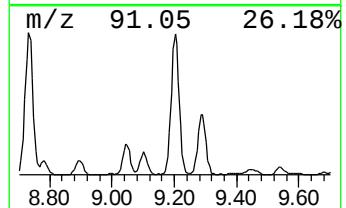
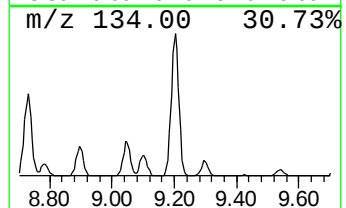
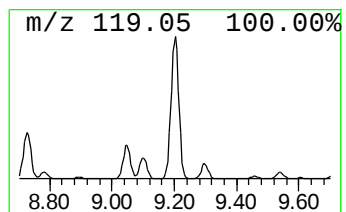
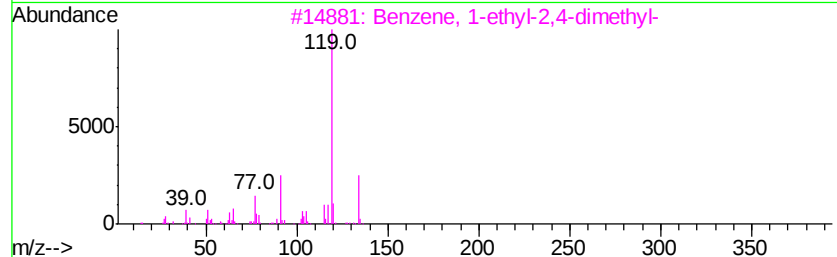
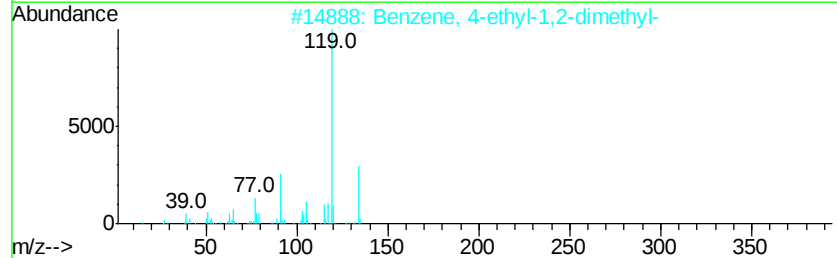
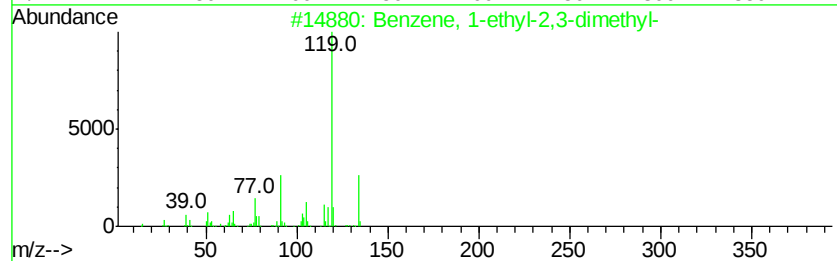
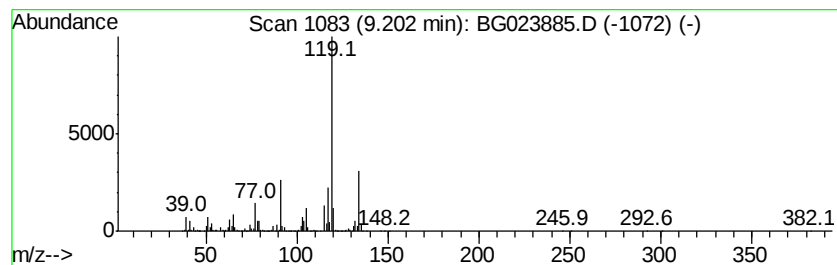
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	99.68 ng	6243620	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
Operator : UM/SJ
Sample : H4567-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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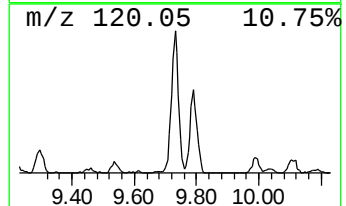
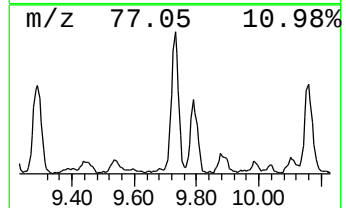
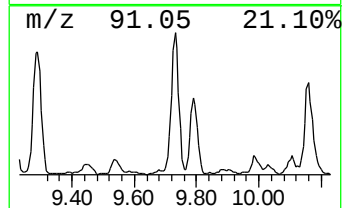
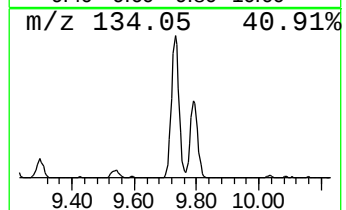
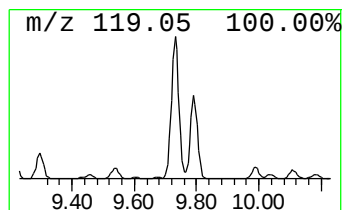
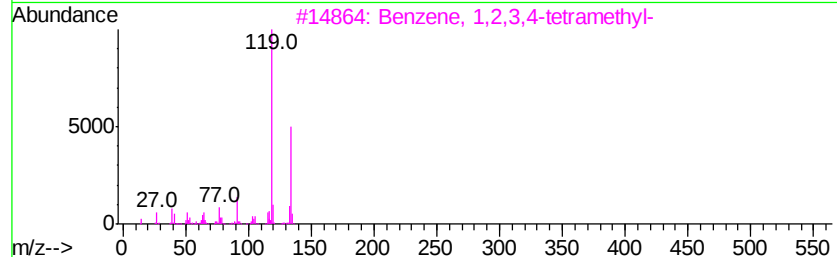
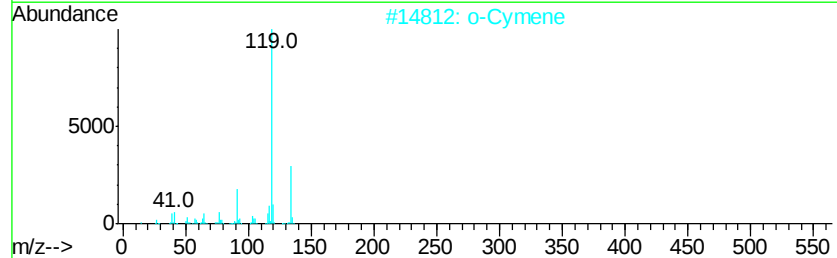
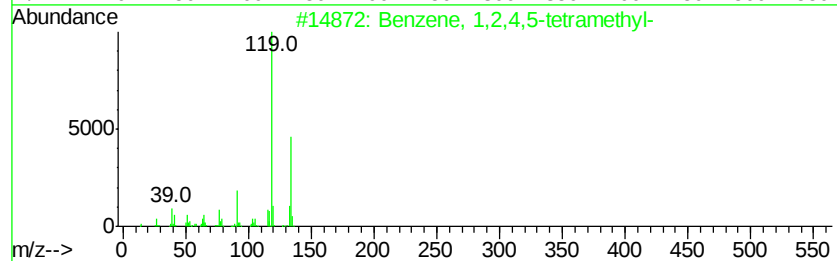
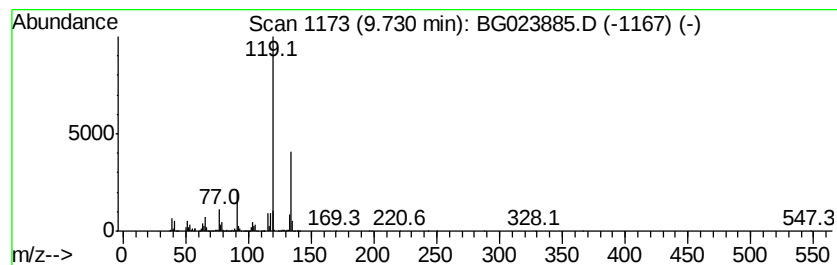
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	31.69 ng	2405950	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
Operator : UM/SJ
Sample : H4567-01
Misc :
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Instrument :
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ClientSampleId :
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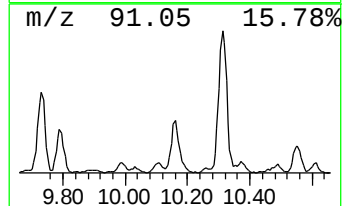
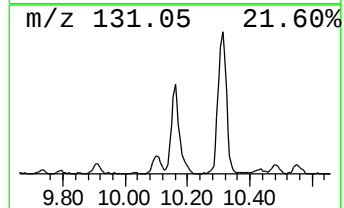
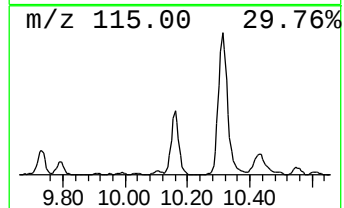
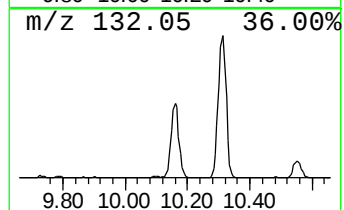
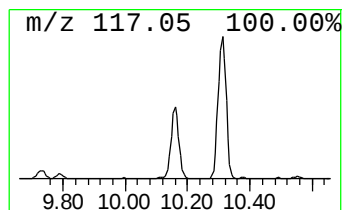
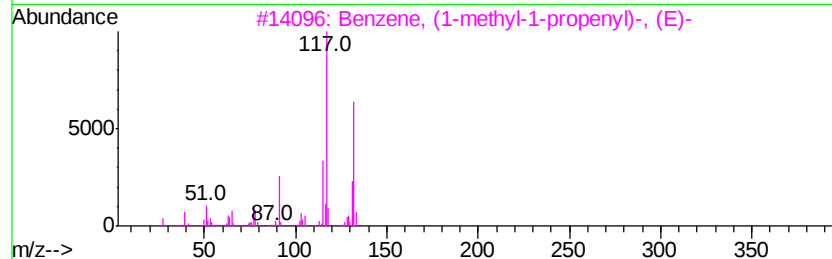
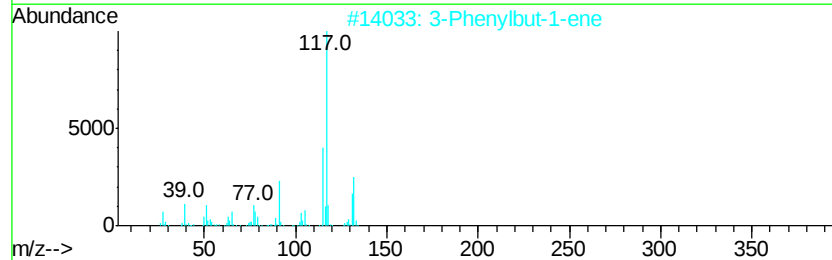
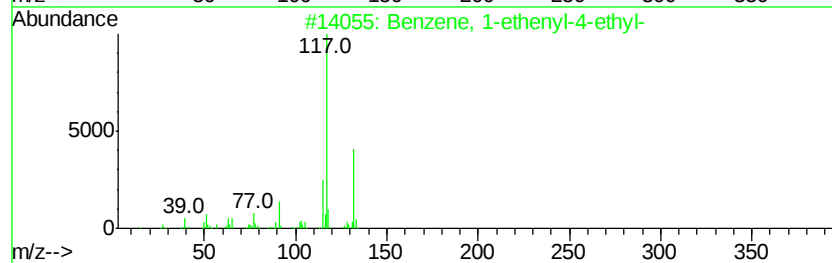
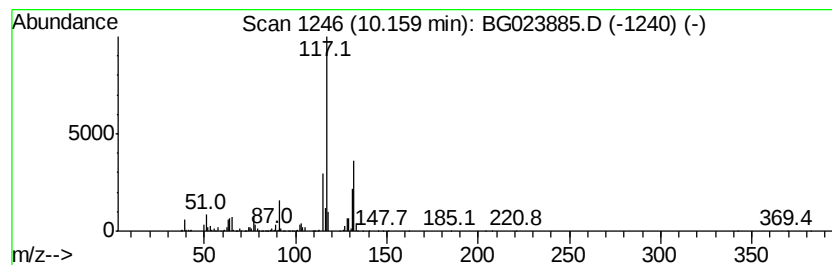
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	33.46 ng	2540920	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
Operator : UM/SJ
Sample : H4567-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1

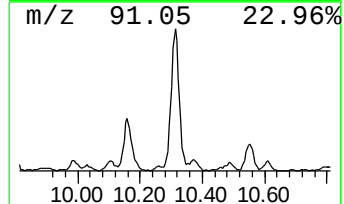
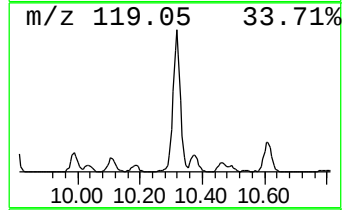
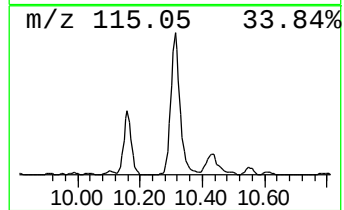
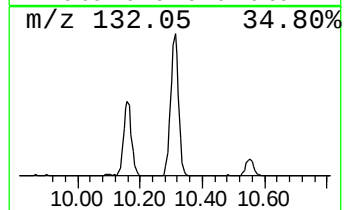
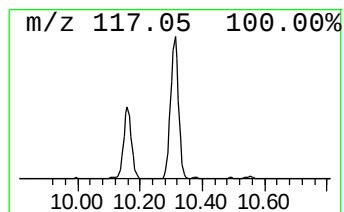
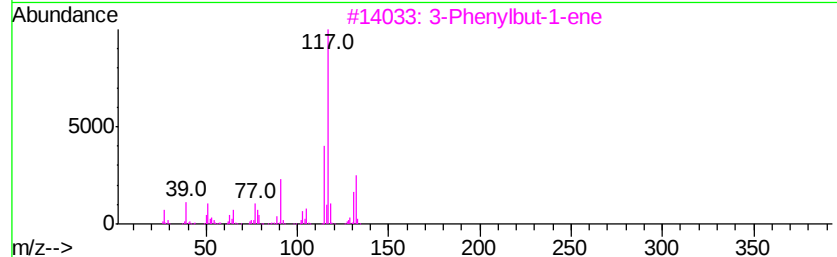
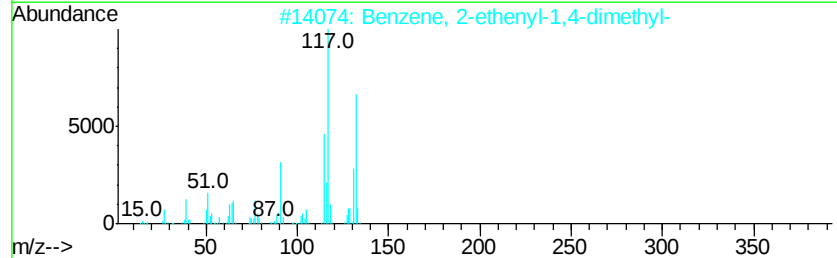
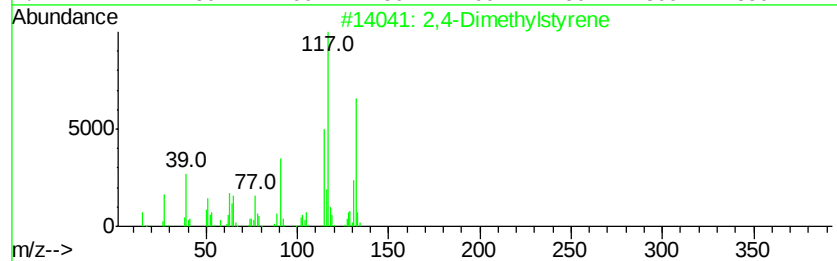
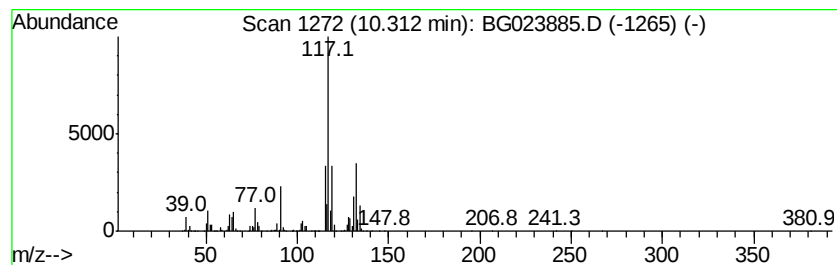
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2,4-Dimethylstyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	87.50 ng	6643900	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstylene	132	C10H12	002234-20-0	95
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023885.D
Acq On : 24 Aug 2016 15:35
Operator : UM/SJ
Sample : H4567-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1

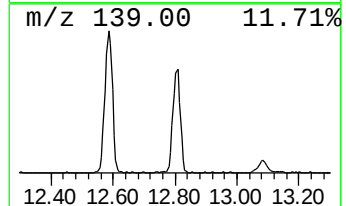
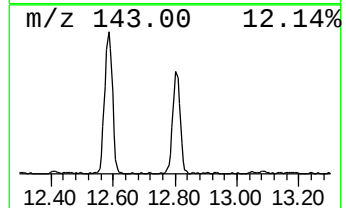
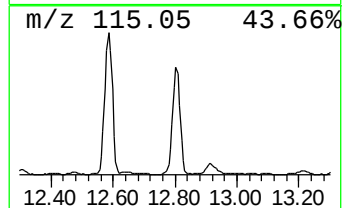
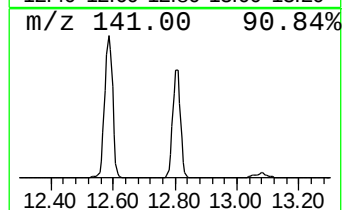
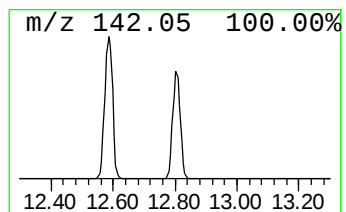
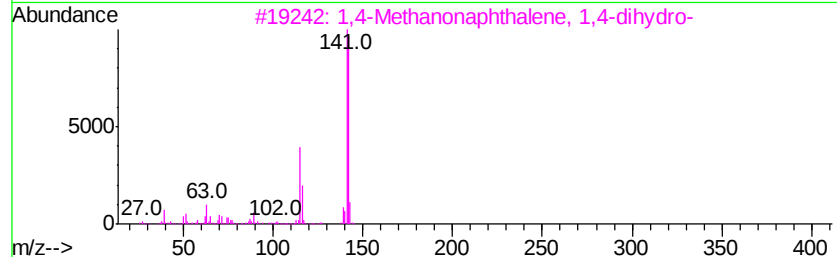
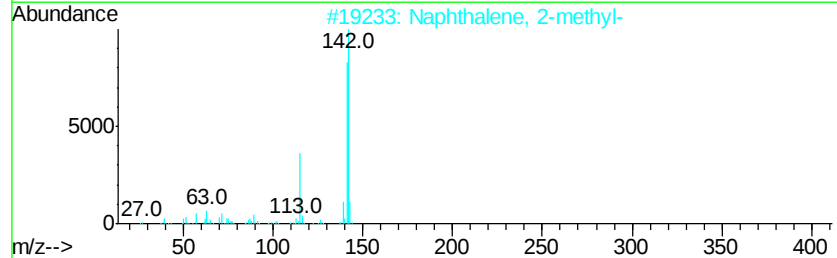
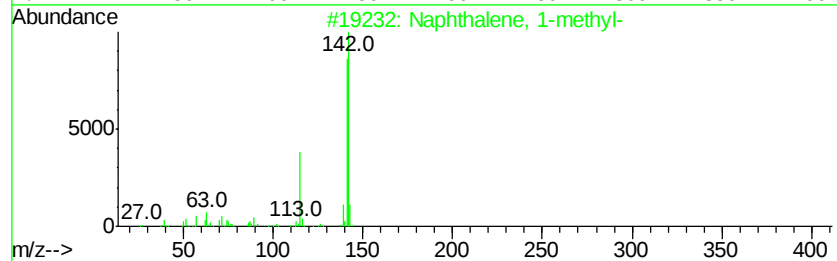
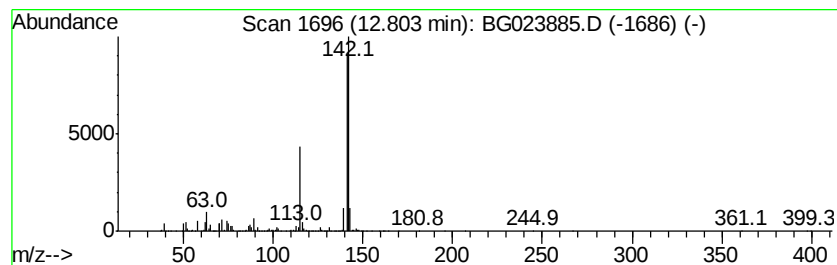
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	45.42 ng	3449050	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082416\
 Data File : BG023885.D
 Acq On : 24 Aug 2016 15:35
 Operator : UM/SJ
 Sample : H4567-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentanol, 1-...	4.53	27.0	ng	1693540	1	8.09	1252730	20.0
2-Pentanone, 4-hy...	5.16	24.1	ng	1507840	1	8.09	1252730	20.0
Benzene, (1-methy...	6.55	47.9	ng	2998710	1	8.09	1252730	20.0
Benzene, propyl-	7.05	101.7	ng	6366670	1	8.09	1252730	20.0
Benzene, 1-ethyl-...	7.47	32.6	ng	2039950	1	8.09	1252730	20.0
unknown7.62	7.62	32.4	ng	2031060	1	8.09	1252730	20.0
Benzene, 1,2,4-tr...	7.73	113.6	ng	7113010	1	8.09	1252730	20.0
Benzene, 1,2,3-tr...	8.20	33.9	ng	2126140	1	8.09	1252730	20.0
Benzene, 2-propenyl-	8.47	211.8	ng	13264800	1	8.09	1252730	20.0
Benzene, 1,2-diet...	8.58	28.1	ng	1757910	1	8.09	1252730	20.0
Benzene, 1,4-diet...	8.73	43.9	ng	2746660	1	8.09	1252730	20.0
Benzene, 1-ethyl-...	9.20	99.7	ng	6243620	1	8.09	1252730	20.0
Benzene, 1,2,4,5-...	9.73	31.7	ng	2405950	2	10.93	1518610	20.0
Benzene, 1-etheny...	10.16	33.5	ng	2540920	2	10.93	1518610	20.0
2,4-Dimethylstyrene	10.31	87.5	ng	6643900	2	10.93	1518610	20.0
Naphthalene, 1-me...	12.80	45.4	ng	3449050	2	10.93	1518610	20.0