

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020980.D
 Acq On : 19 Feb 2016 20:15
 Operator : SJ/UM
 Sample : H1509-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-FD

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	3.243	61	69	78	rBV2	49910	95757	6.07%	0.806%
2	3.319	78	82	87	rVB	23190	31399	1.99%	0.264%
3	3.872	172	176	186	rVB2	12307	20947	1.33%	0.176%
4	5.317	413	422	426	rBV	18729	29229	1.85%	0.246%
5	5.793	496	503	510	rBV	133438	210867	13.37%	1.774%
6	6.727	656	662	672	rVB	39009	65993	4.19%	0.555%
7	7.226	739	747	753	rBV	36247	59437	3.77%	0.500%
8	7.402	770	777	790	rBV	91315	160239	10.16%	1.348%
9	7.790	834	843	850	rBV	308009	527451	33.45%	4.437%
10	8.154	902	905	910	rVB	16627	23940	1.52%	0.201%
11	8.260	916	923	928	rBV	66860	108971	6.91%	0.917%
12	8.589	971	979	983	rBV	297406	524595	33.27%	4.413%
13	8.636	983	987	994	rVB	100501	165987	10.53%	1.396%
14	8.747	1000	1006	1012	rBV	24405	37514	2.38%	0.316%
15	8.900	1027	1032	1037	rBV2	13836	24289	1.54%	0.204%
16	8.953	1037	1041	1047	rVB2	12569	20546	1.30%	0.173%
17	9.370	1103	1112	1117	rBV2	102048	178166	11.30%	1.499%
18	9.435	1117	1123	1136	rVB2	253991	550006	34.89%	4.627%
19	9.605	1146	1152	1159	rBV6	8152	19137	1.21%	0.161%
20	9.722	1166	1172	1183	rVB2	14817	30210	1.92%	0.254%
21	9.893	1196	1201	1207	rVB	72675	113225	7.18%	0.953%
22	10.263	1259	1264	1269	rBV3	23763	42955	2.72%	0.361%
23	10.322	1269	1274	1284	rVB	30069	59759	3.79%	0.503%
24	10.474	1293	1300	1308	rBV2	171153	300734	19.07%	2.530%
25	10.651	1321	1330	1336	rBV2	7813	17049	1.08%	0.143%
26	10.768	1343	1350	1356	rBV3	21391	40822	2.59%	0.343%
27	11.085	1391	1404	1410	rBV2	115227	283936	18.01%	2.389%
28	11.191	1417	1422	1430	rVB2	39418	73420	4.66%	0.618%
29	11.285	1430	1438	1444	rBV2	13062	30005	1.90%	0.252%
30	11.379	1450	1454	1459	rBV2	10817	16694	1.06%	0.140%
31	11.444	1459	1465	1469	rBV2	17843	34261	2.17%	0.288%
32	11.549	1478	1483	1488	rVB2	19941	31465	2.00%	0.265%
33	11.661	1494	1502	1506	rBV4	21910	41660	2.64%	0.350%
34	11.767	1518	1520	1529	rVB7	12264	25456	1.61%	0.214%

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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

35	11.902	1537	1543	1550	rVV8	6877	16139	1.02%	0.136%
36	11.978	1550	1556	1562	rVB2	24181	45245	2.87%	0.381%
37	12.172	1584	1589	1597	rVB3	28568	52678	3.34%	0.443%
38	12.254	1599	1603	1609	rBV3	13248	24620	1.56%	0.207%
39	12.384	1619	1625	1631	rVB	17423	32388	2.05%	0.272%
40	12.448	1631	1636	1639	rBV	15030	26884	1.71%	0.226%
41	12.607	1655	1663	1668	rBV3	43707	74649	4.73%	0.628%
42	12.683	1668	1676	1679	rVV5	9380	18341	1.16%	0.154%
43	12.936	1709	1719	1727	rBV	157128	313304	19.87%	2.636%
44	13.006	1727	1731	1740	rVB7	25523	52630	3.34%	0.443%
45	13.130	1747	1752	1754	rBV3	9469	16851	1.07%	0.142%
46	13.182	1757	1761	1765	rVV3	7995	16097	1.02%	0.135%
47	13.500	1809	1815	1822	rVB	922796	1377685	87.38%	11.590%
48	13.594	1827	1831	1838	rVB8	8208	17495	1.11%	0.147%
49	13.676	1838	1845	1851	rBV5	27043	61690	3.91%	0.519%
50	13.811	1862	1868	1876	rBV6	16310	42786	2.71%	0.360%
51	13.934	1883	1889	1898	rVB	33316	67016	4.25%	0.564%
52	14.052	1898	1909	1919	rBV	96538	231266	14.67%	1.946%
53	14.193	1926	1933	1939	rBV	181866	335518	21.28%	2.823%
54	14.269	1943	1946	1950	rVB3	19579	29237	1.85%	0.246%
55	14.316	1950	1954	1959	rBV	13048	23414	1.49%	0.197%
56	14.428	1968	1973	1976	rBV	90368	140146	8.89%	1.179%
57	14.463	1976	1979	1985	rVB	46121	72174	4.58%	0.607%
58	14.592	1996	2001	2006	rVB	63938	104432	6.62%	0.879%
59	14.663	2007	2013	2015	rBV5	9883	17454	1.11%	0.147%
60	14.868	2042	2048	2054	rVB2	199361	322490	20.45%	2.713%
61	14.939	2056	2060	2065	rBV4	22118	38104	2.42%	0.321%
62	15.262	2109	2115	2121	rVB2	43025	66443	4.21%	0.559%
63	15.333	2122	2127	2138	rVV3	43814	104004	6.60%	0.875%
64	15.438	2142	2145	2148	rVV2	13586	21944	1.39%	0.185%
65	15.479	2148	2152	2157	rVV3	44487	81609	5.18%	0.687%
66	15.526	2157	2160	2165	rVB	24537	34670	2.20%	0.292%
67	15.632	2174	2178	2183	rBV3	29335	61721	3.91%	0.519%
68	15.679	2183	2186	2191	rVB3	34965	47474	3.01%	0.399%
69	15.902	2217	2224	2229	rBV2	46587	103199	6.55%	0.868%
70	16.037	2244	2247	2249	rBV4	12205	16528	1.05%	0.139%
71	16.355	2294	2301	2310	rVV	568416	898743	57.00%	7.561%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	16.584	2336	2340	2345	rVB6	15264	24308	1.54%	0.205%
73	16.713	2358	2362	2366	rVB7	9313	17084	1.08%	0.144%
74	16.772	2368	2372	2383	rVB10	14202	33205	2.11%	0.279%
75	16.954	2398	2403	2407	rBV3	22166	37566	2.38%	0.316%
76	17.389	2473	2477	2481	rBV7	10623	20231	1.28%	0.170%
77	17.606	2508	2514	2519	rBV2	226578	342392	21.72%	2.881%
78	18.187	2609	2613	2618	rVB	14150	16903	1.07%	0.142%
79	18.469	2657	2661	2664	rBV2	22107	29325	1.86%	0.247%
80	19.721	2870	2874	2878	rBV6	13764	21173	1.34%	0.178%
81	20.185	2947	2953	2959	rBV	1191664	1576626	100.00%	13.264%
82	21.483	3169	3174	3180	rBV4	16144	30003	1.90%	0.252%
83	21.882	3236	3242	3251	rVB	222459	377689	23.96%	3.177%
84	25.249	3805	3815	3826	rBV2	122126	356720	22.63%	3.001%

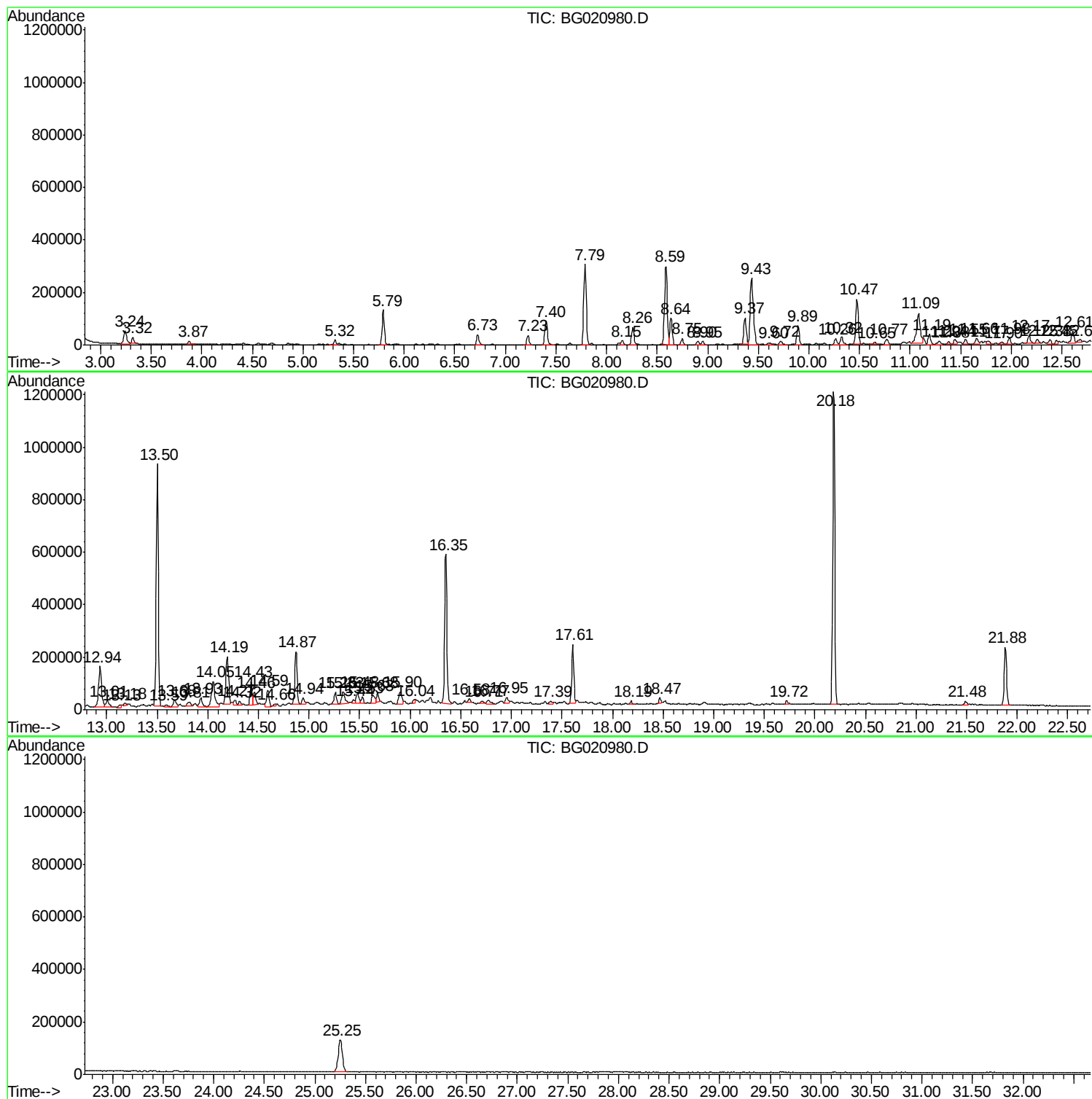
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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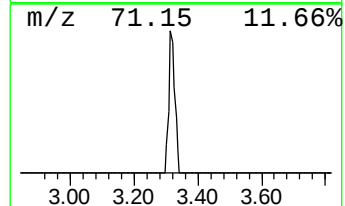
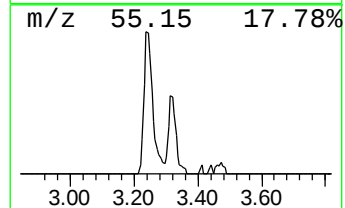
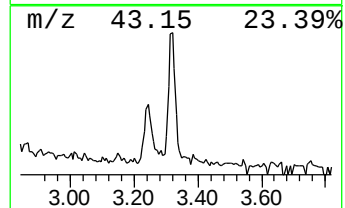
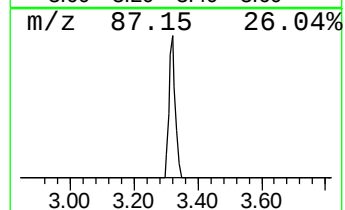
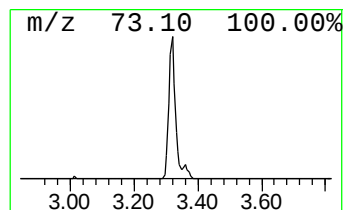
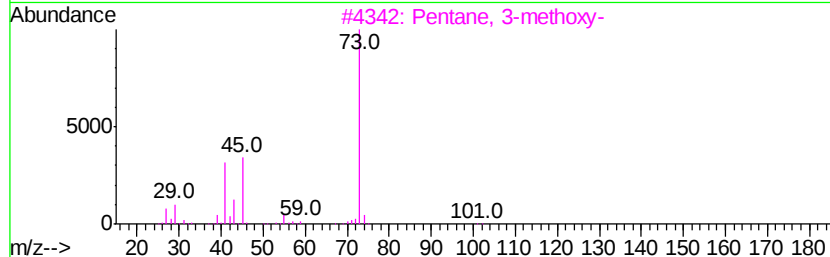
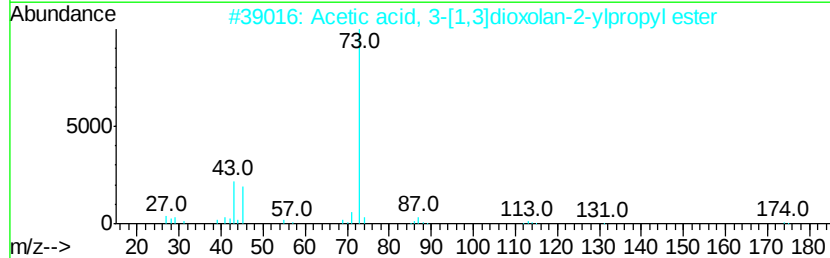
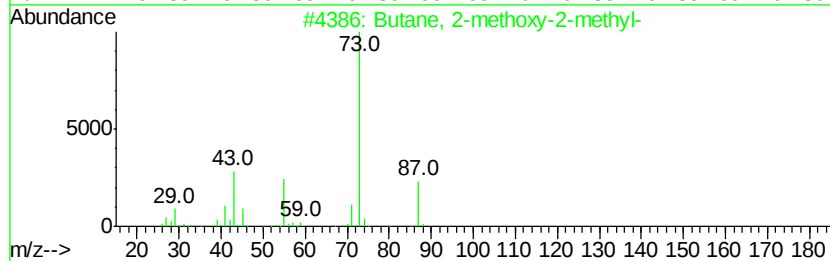
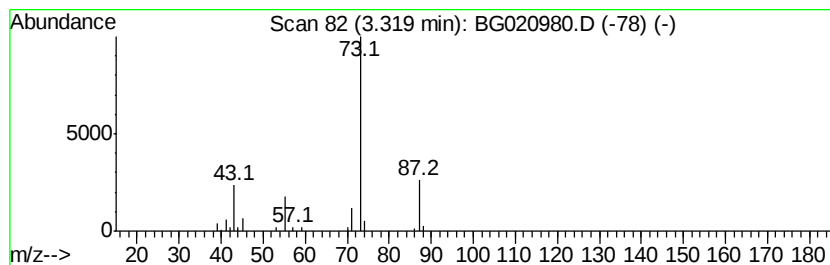
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	5.76 ng	31399	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester	174	C8H14O4	1000186-02-3	9
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	7
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7



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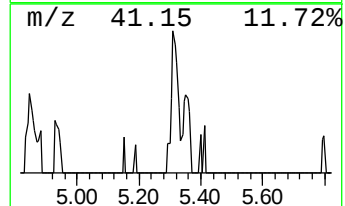
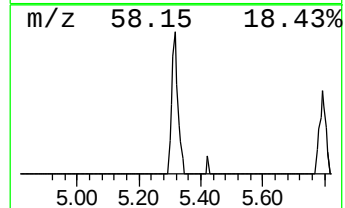
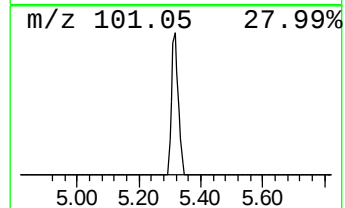
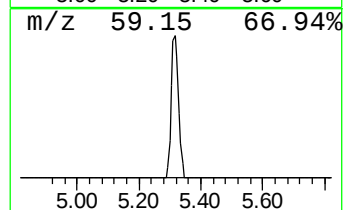
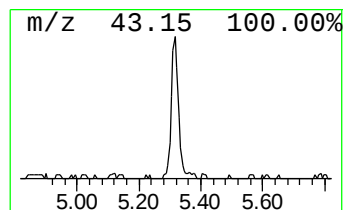
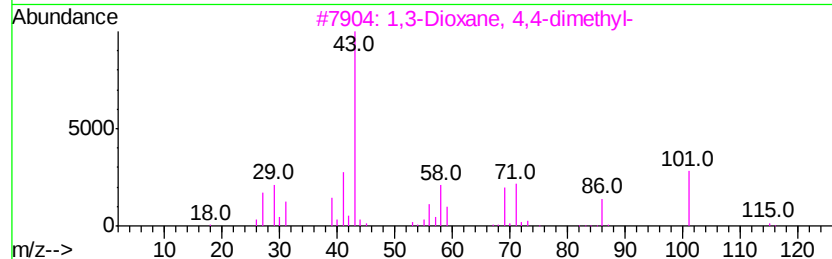
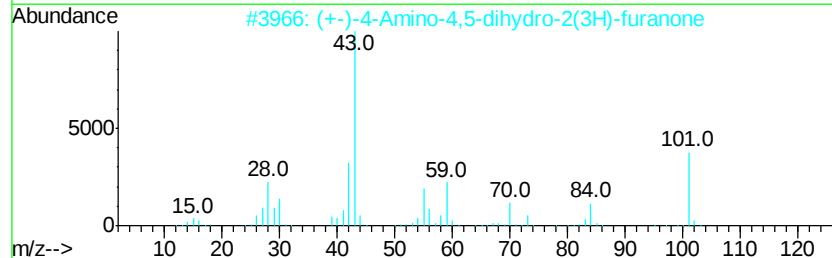
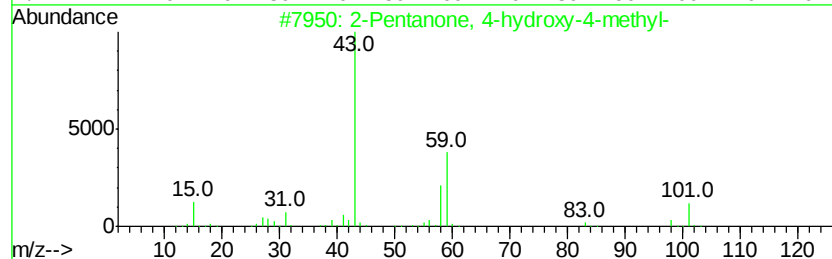
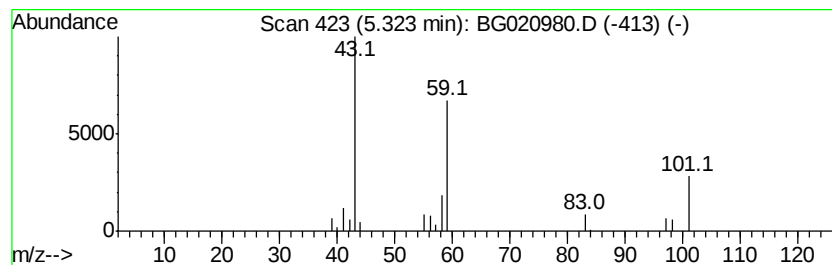
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown5.32 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	5.36 ng	29229	1,4-Dichlorobenzene-d4	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
3			1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	25
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23



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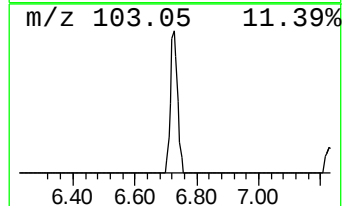
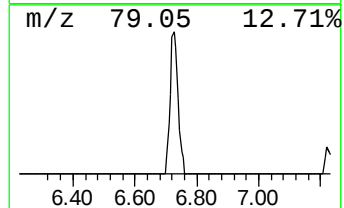
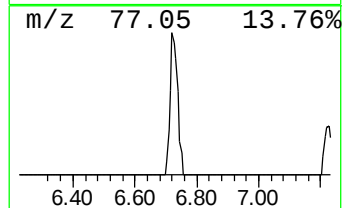
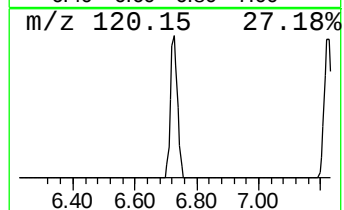
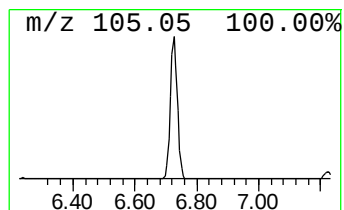
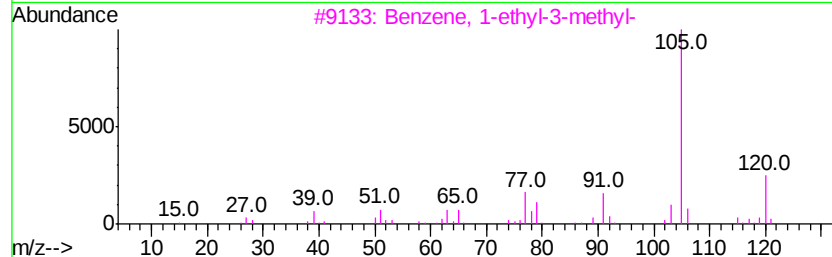
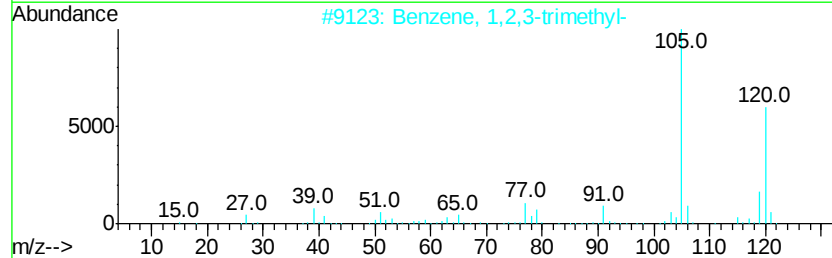
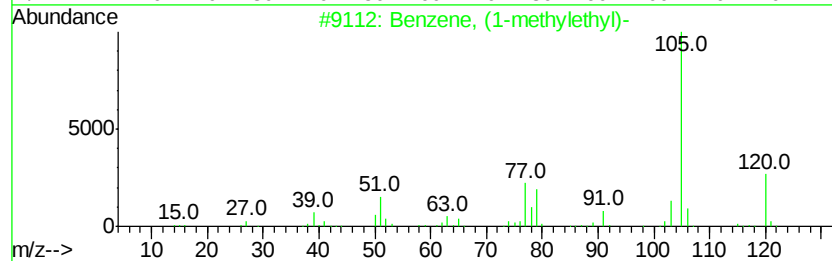
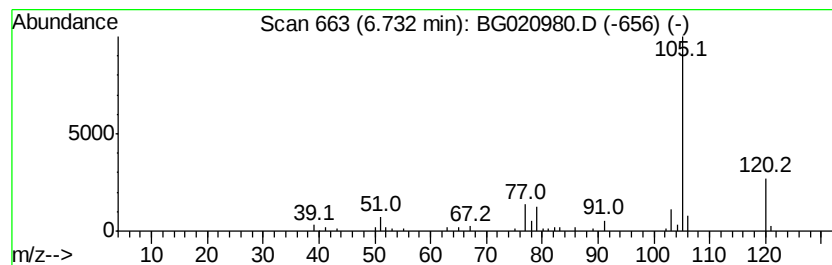
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	12.11 ng	65993	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78



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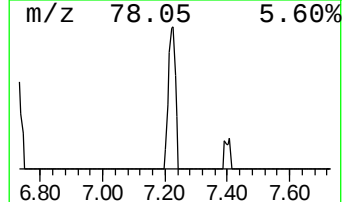
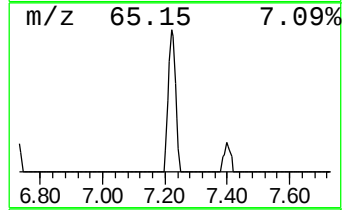
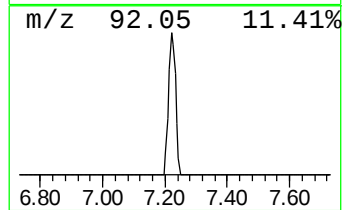
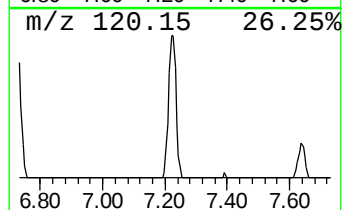
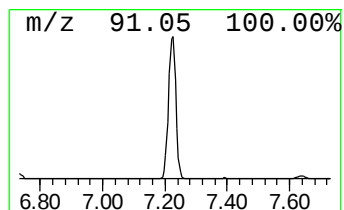
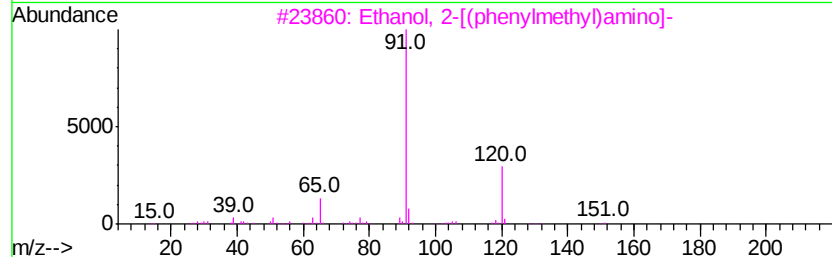
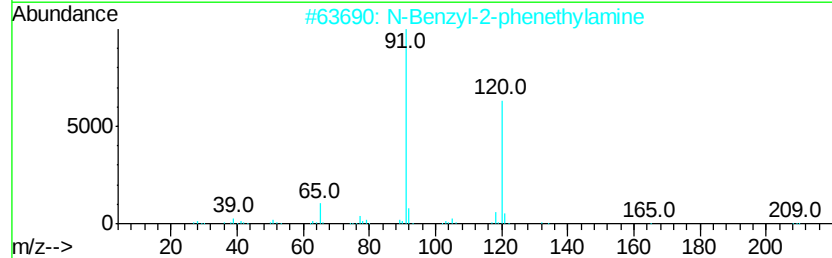
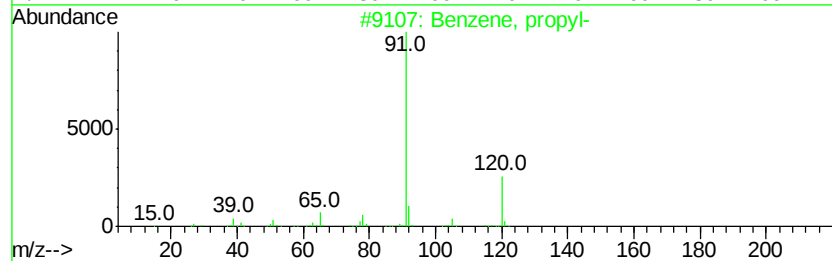
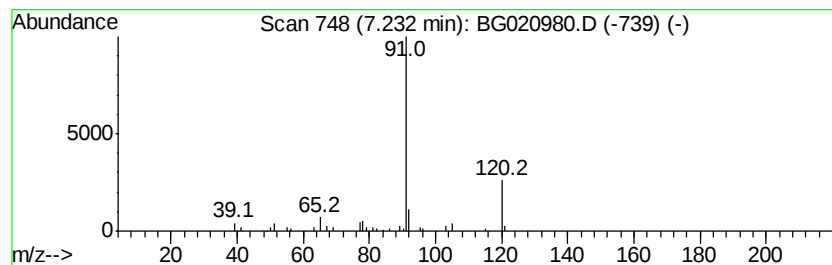
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	10.91 ng	59437	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
3		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
4		Propanenitrile, 3-[(phenylmethyl)amino]-	160	C10H12N2	000706-03-6	53
5		1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1-FD

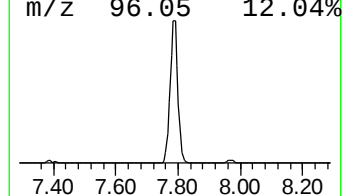
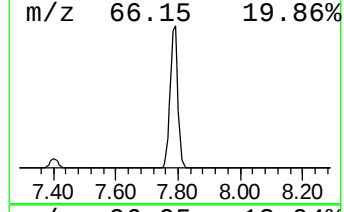
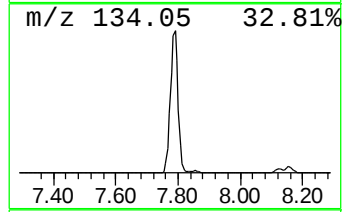
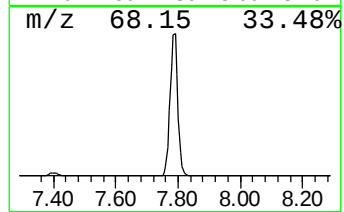
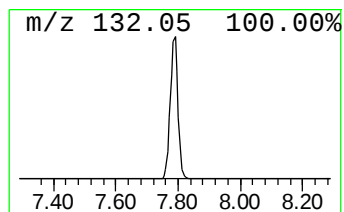
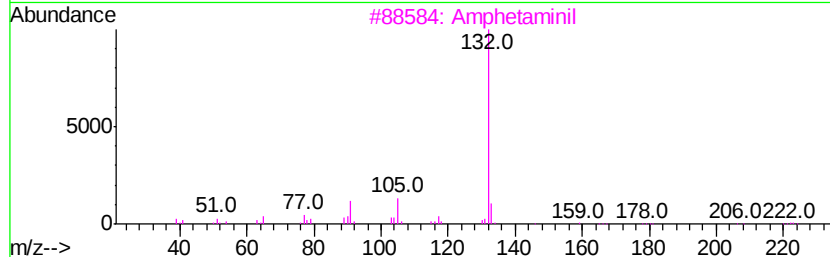
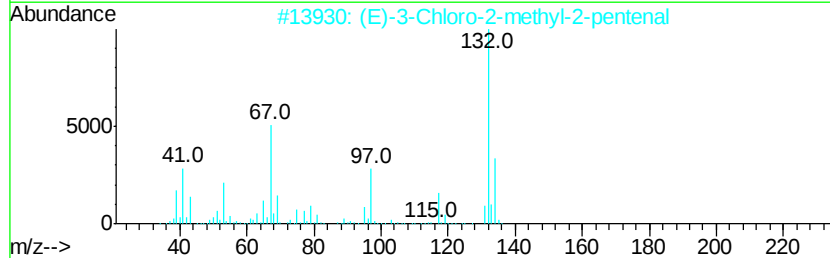
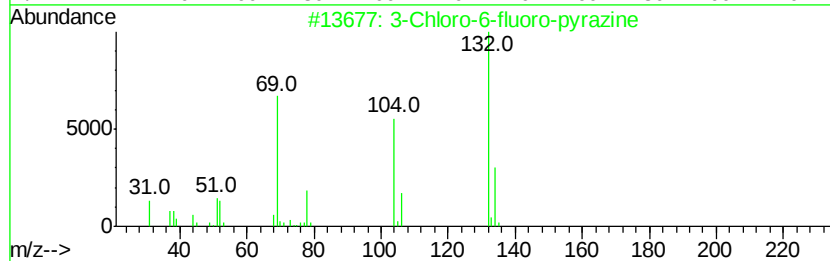
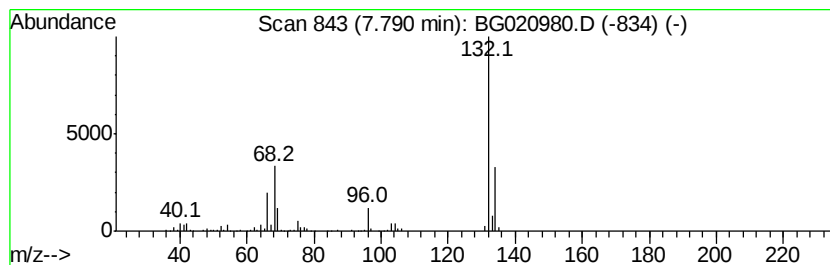
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	96.81 ng	527451	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
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Sample : H1509-03
Misc :
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ClientSampleId :
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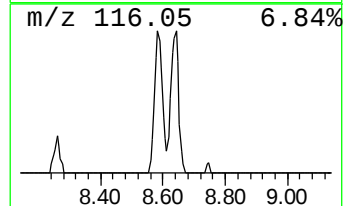
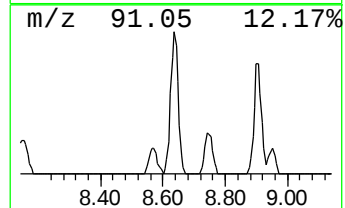
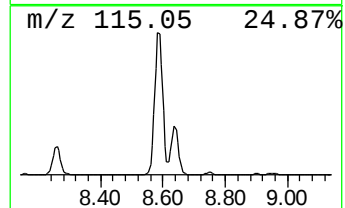
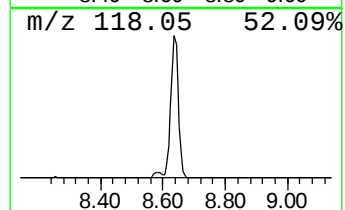
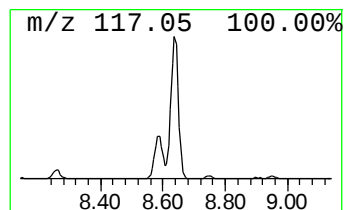
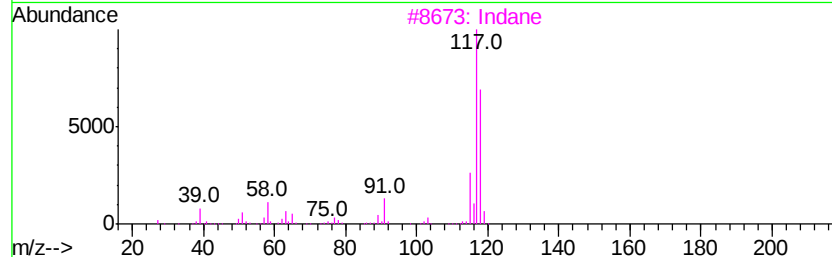
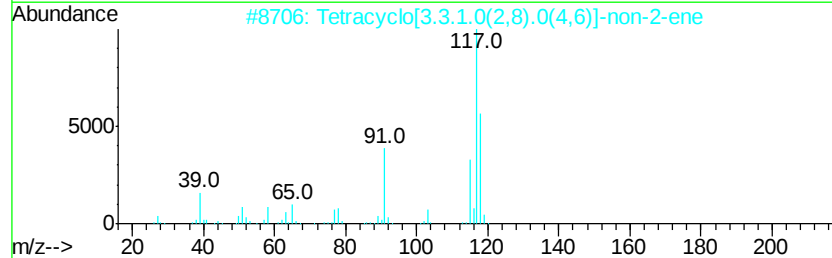
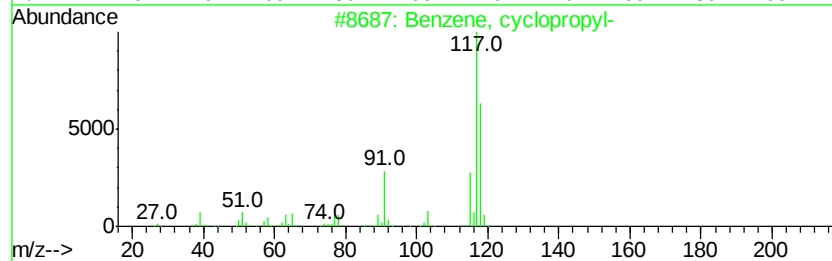
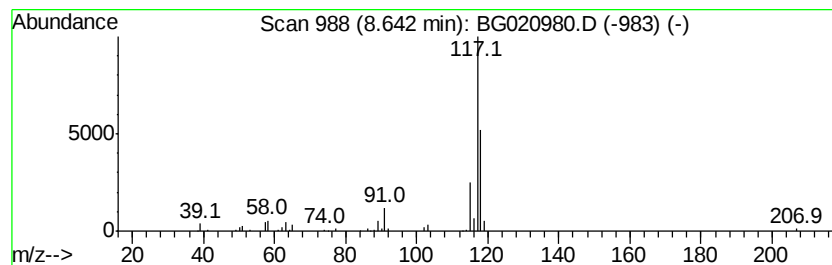
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, cyclopropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	30.46 ng	165987	1,4-Dichlorobenzene-d4	8.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, cvclopropyl-	118	C9H10	000873-49-4	83
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
3		Indane	118	C9H10	000496-11-7	74
4		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	74
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
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ClientSampleId :
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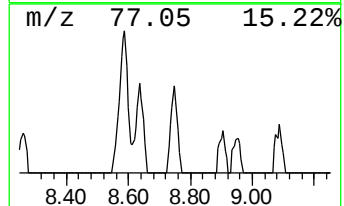
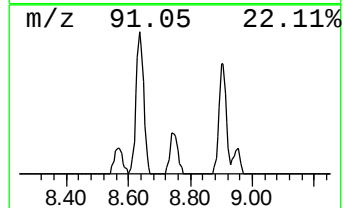
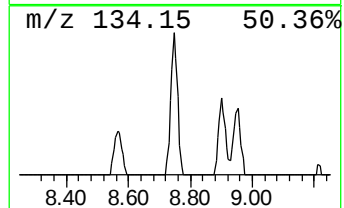
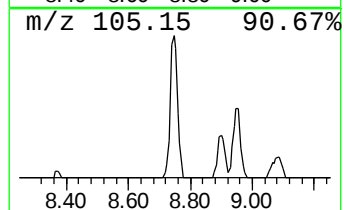
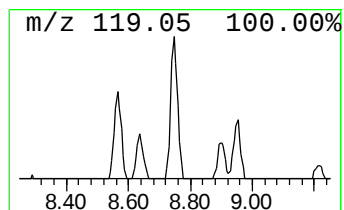
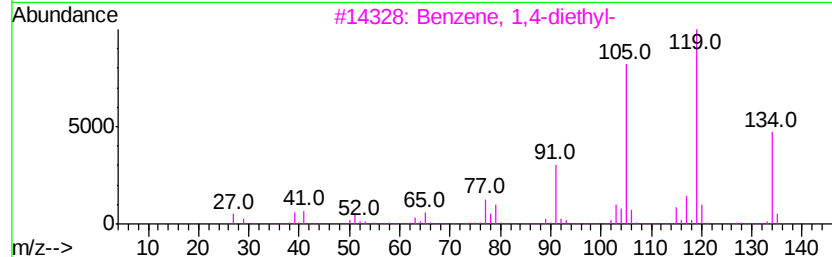
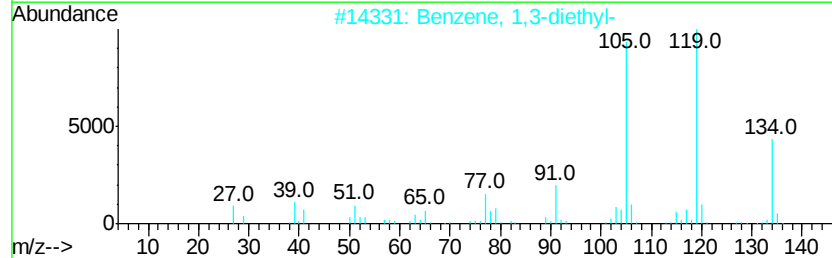
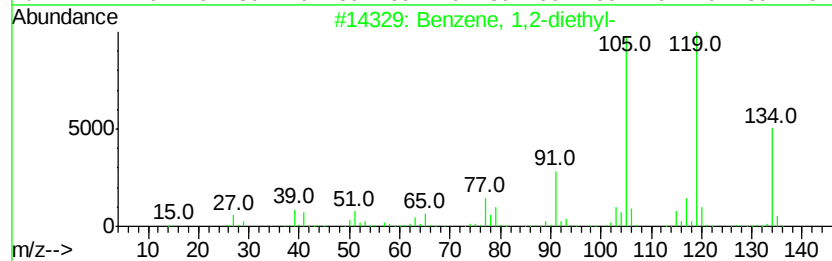
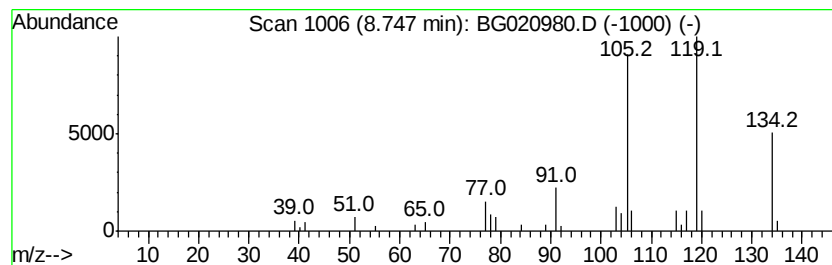
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	6.89 ng	37514	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
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	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
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Sample : H1509-03
Misc :
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Instrument :
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ClientSampleId :
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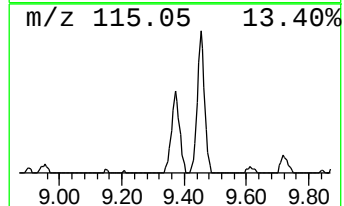
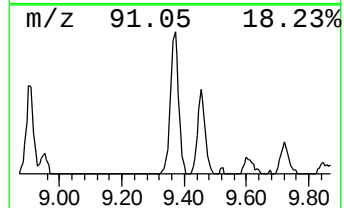
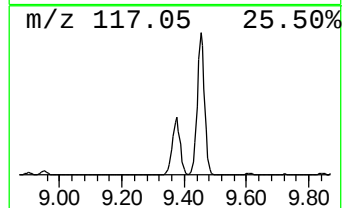
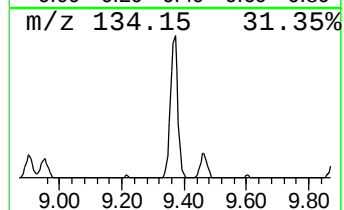
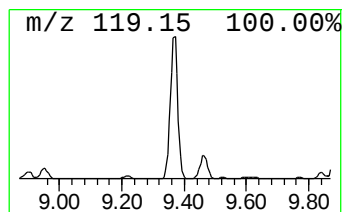
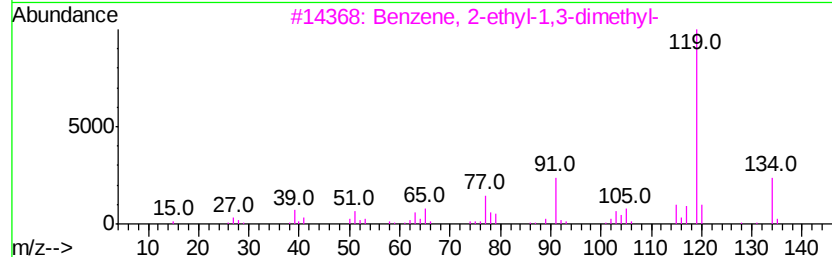
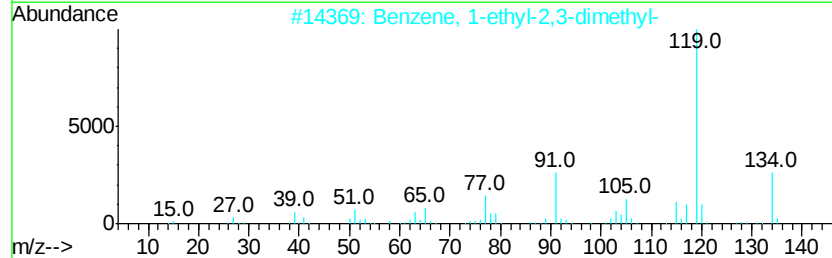
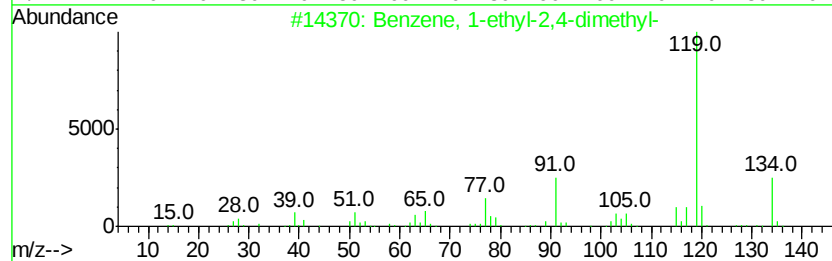
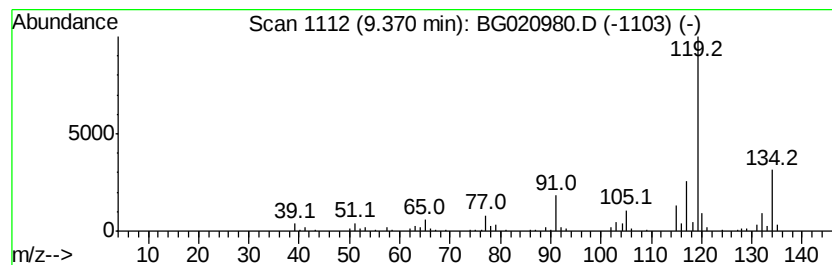
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	32.70 ng	178166	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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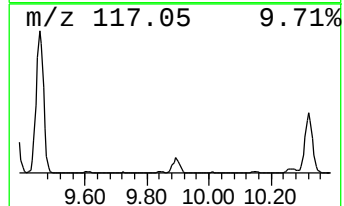
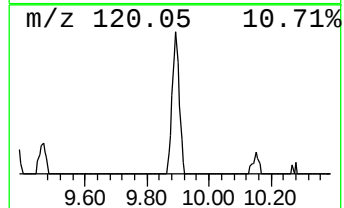
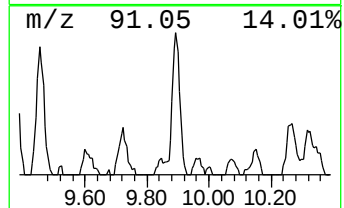
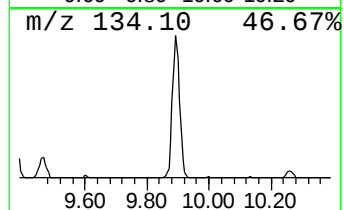
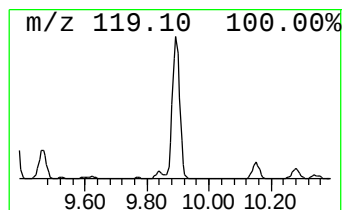
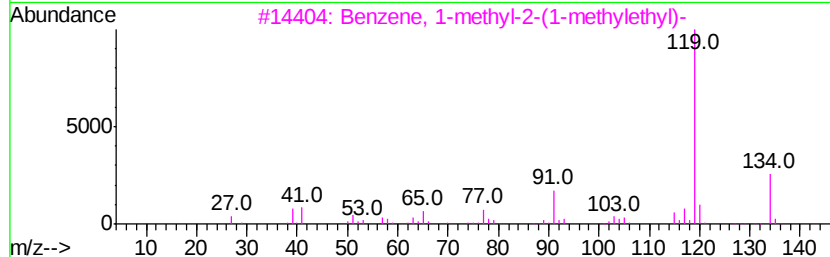
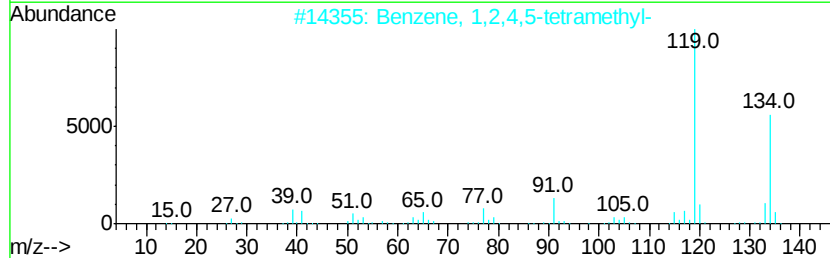
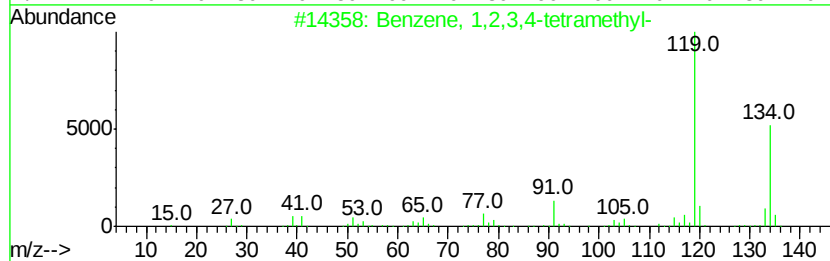
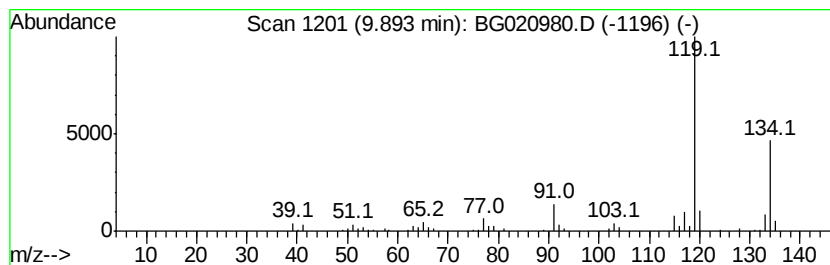
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	7.98 ng	113225	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	94
4		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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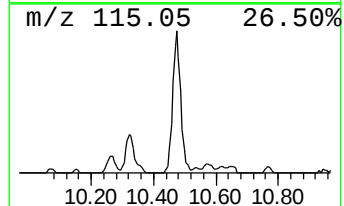
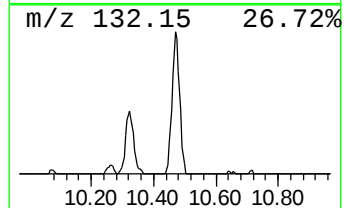
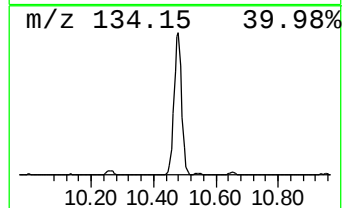
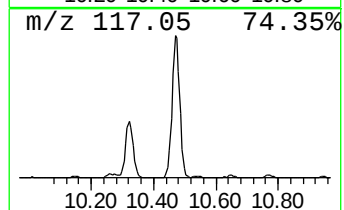
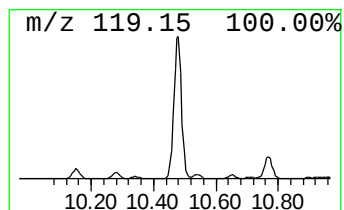
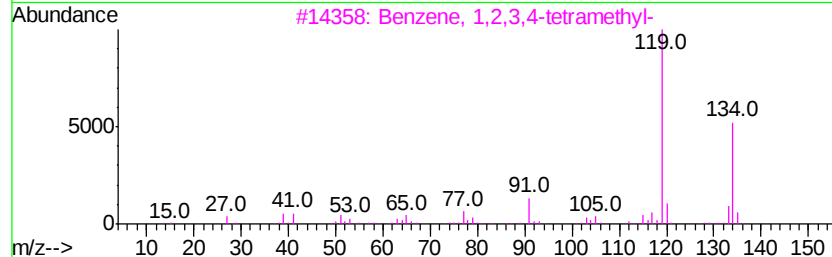
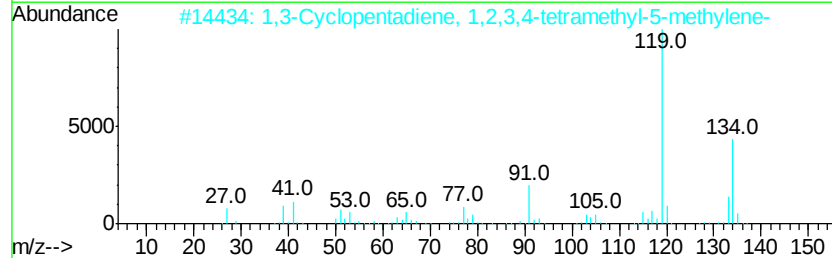
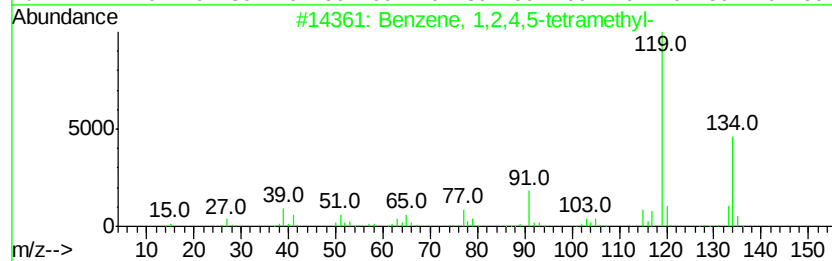
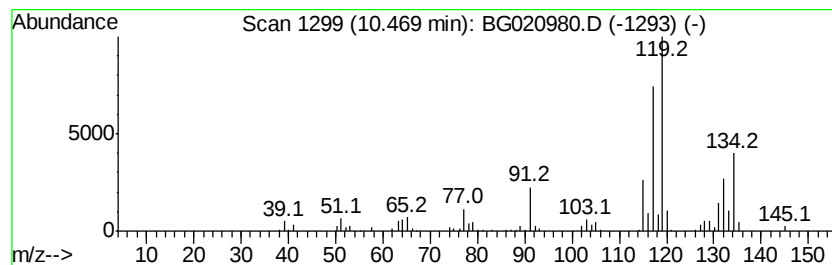
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	21.18 ng	300734	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1-FD

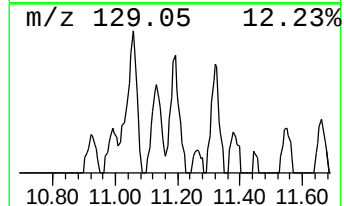
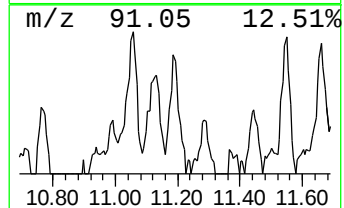
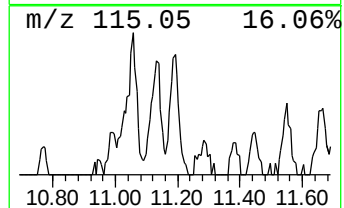
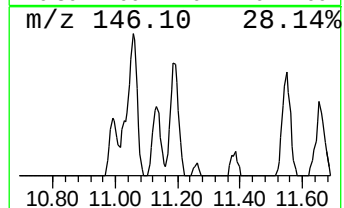
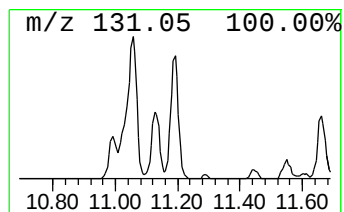
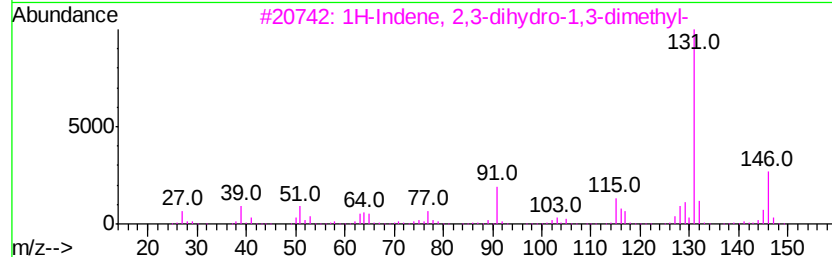
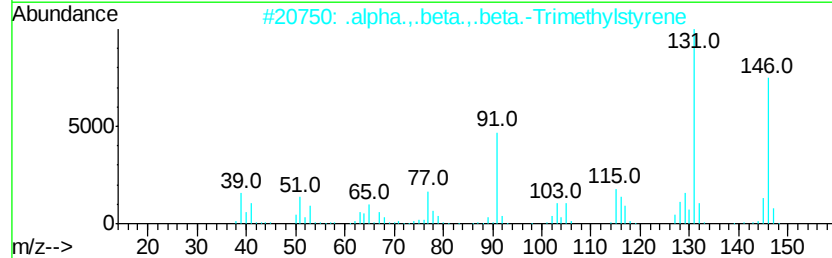
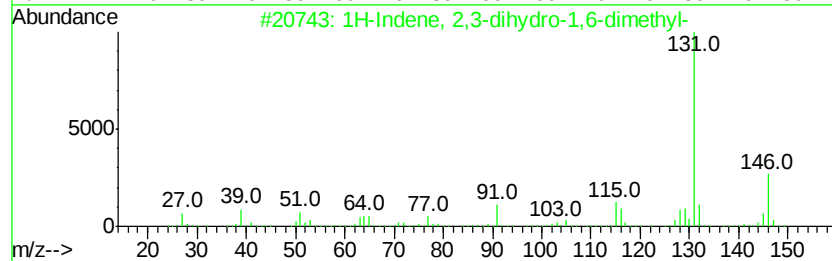
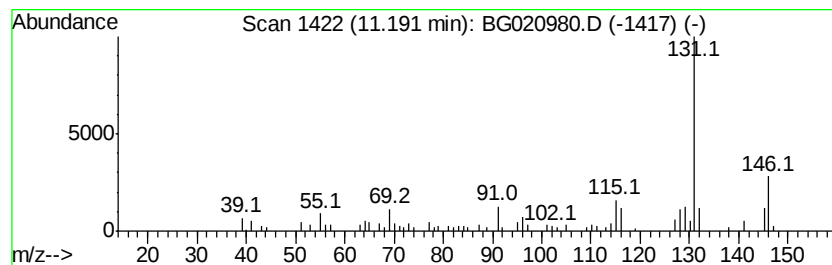
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	5.17 ng	73420	Napthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	93
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_G
ClientSampleId :
MW-1-FD

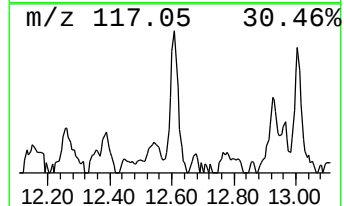
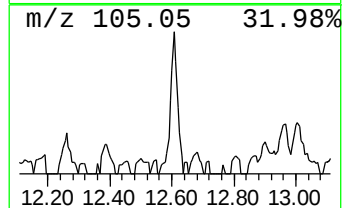
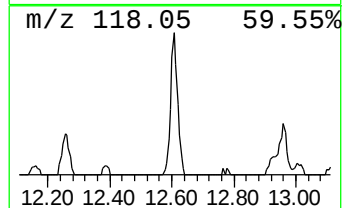
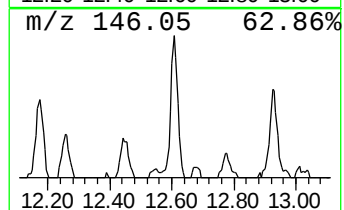
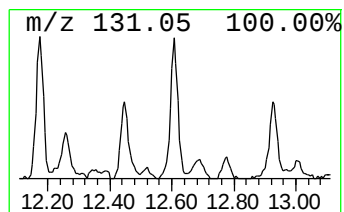
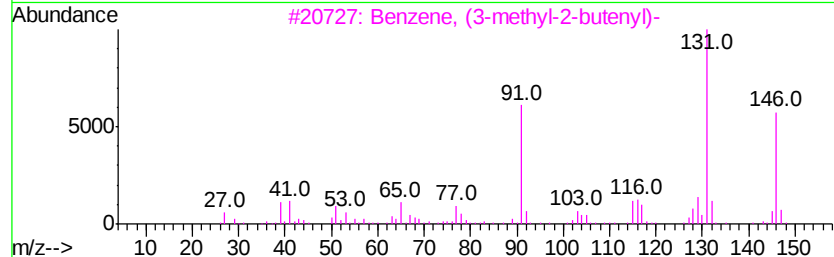
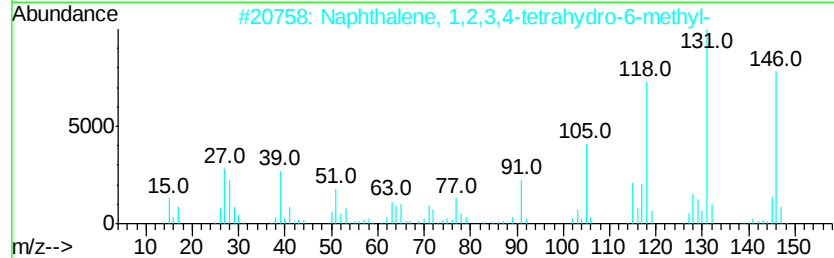
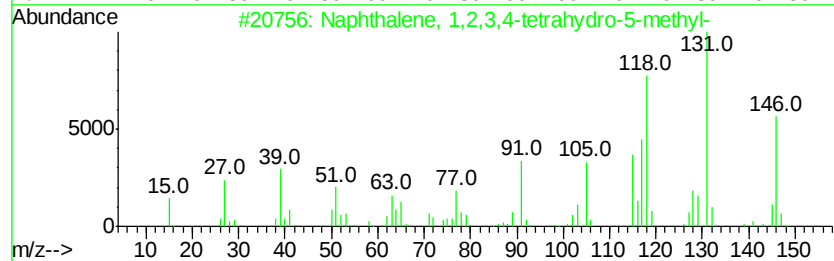
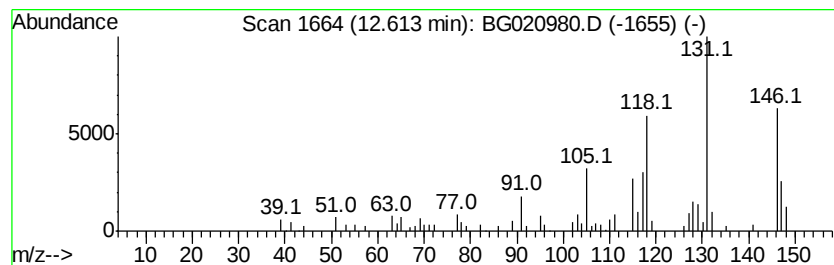
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.26 ng	74649	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	70
5		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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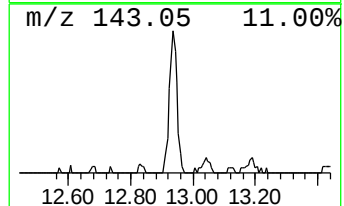
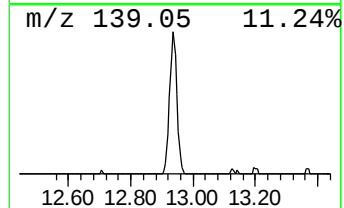
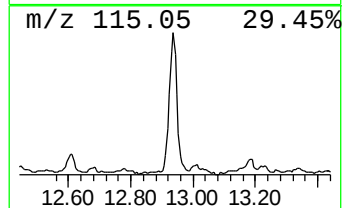
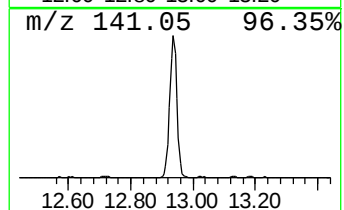
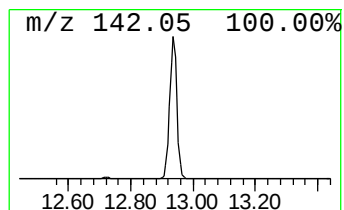
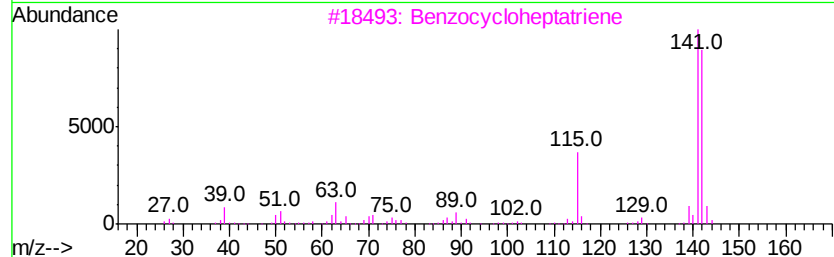
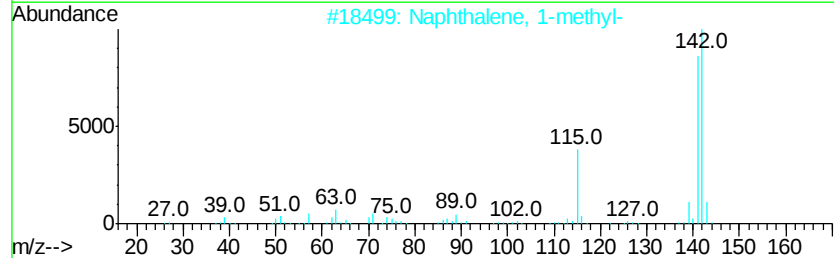
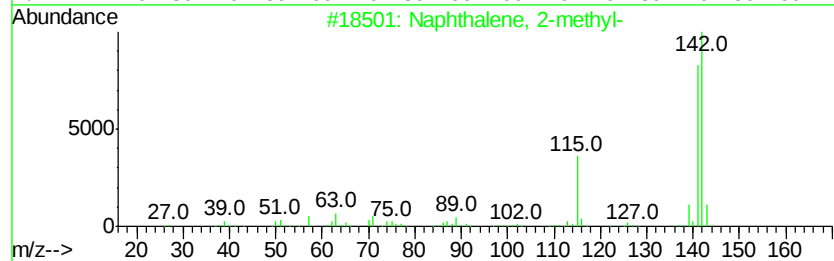
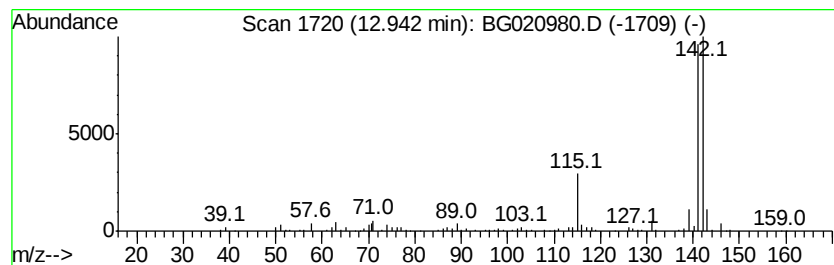
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	22.07 ng	313304	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1-FD

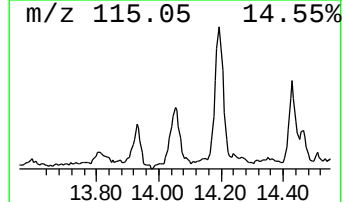
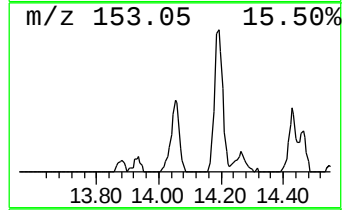
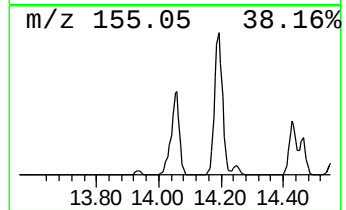
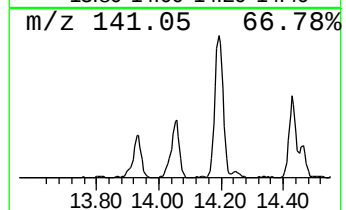
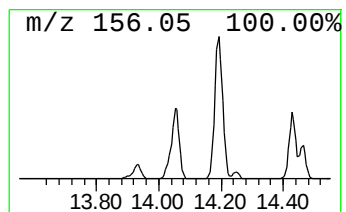
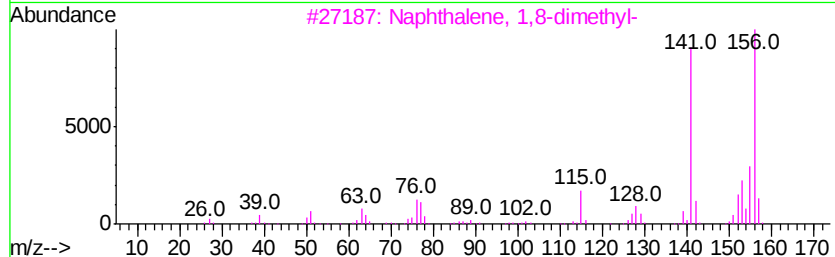
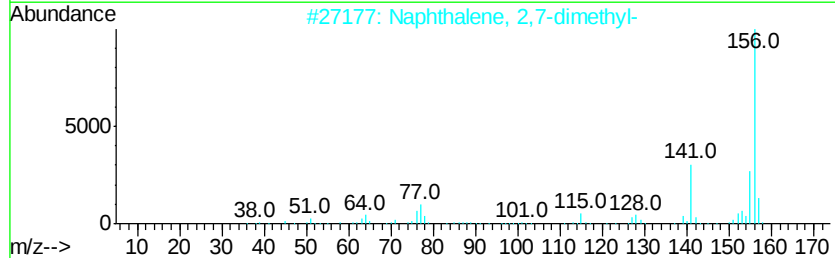
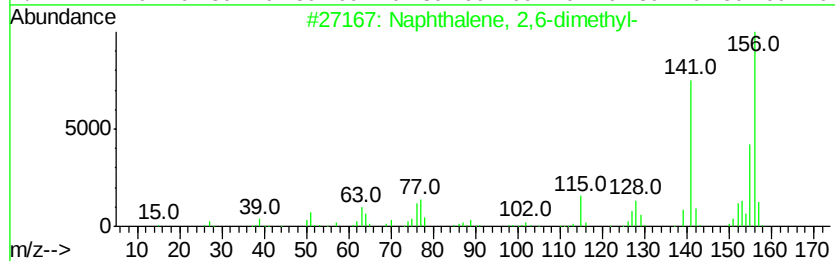
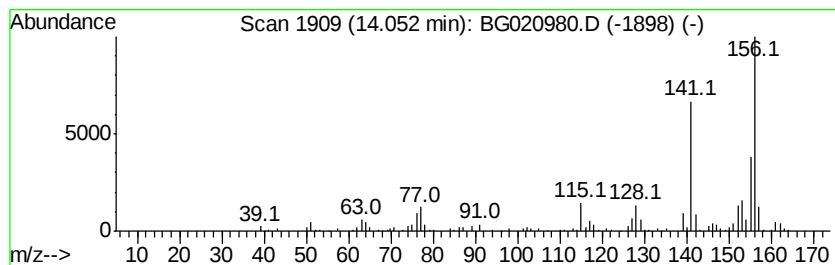
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	14.34 ng	231266	Acenaphthene-d10	14.87

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, 1,8-dimethyl-	156	C12H12	000569-41-5	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1-FD

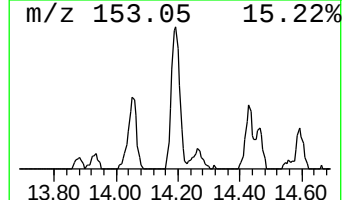
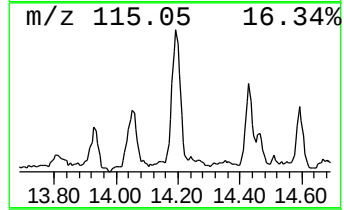
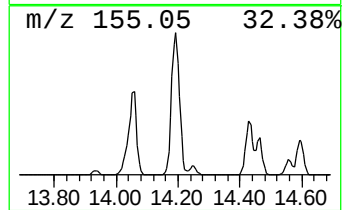
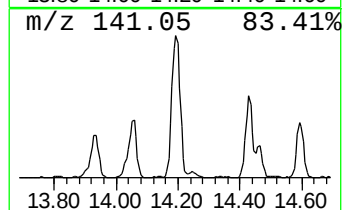
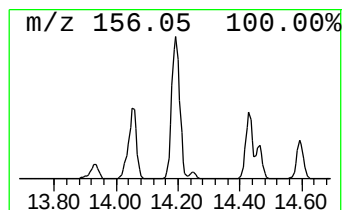
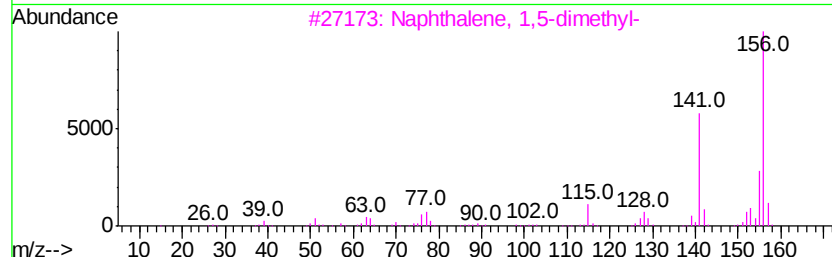
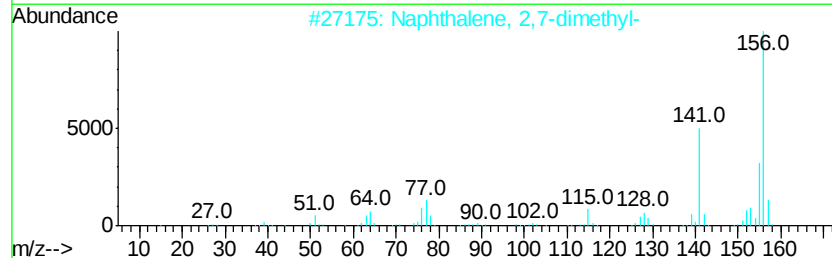
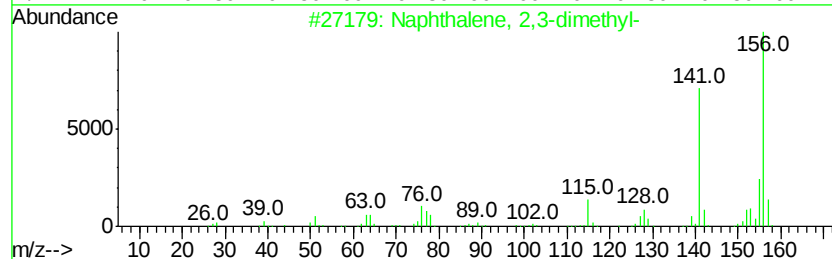
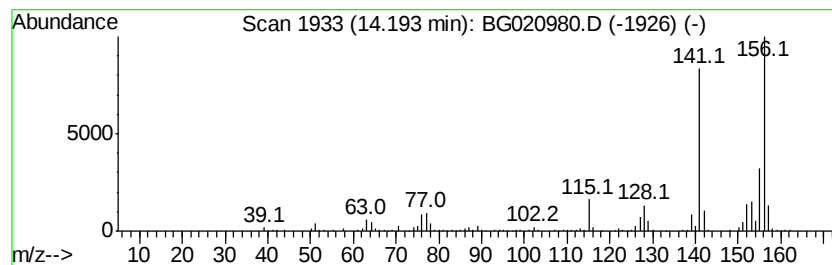
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	20.81 ng	335518	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1-FD

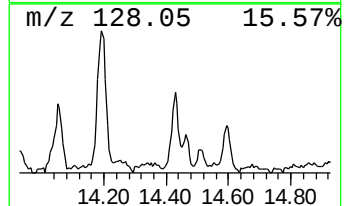
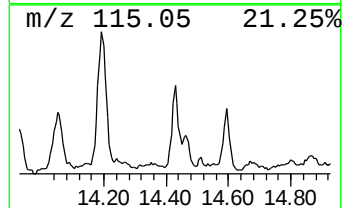
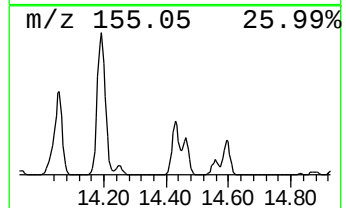
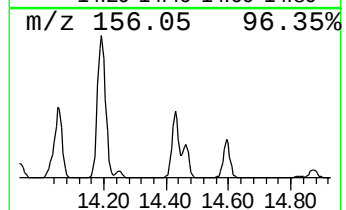
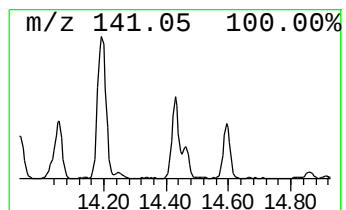
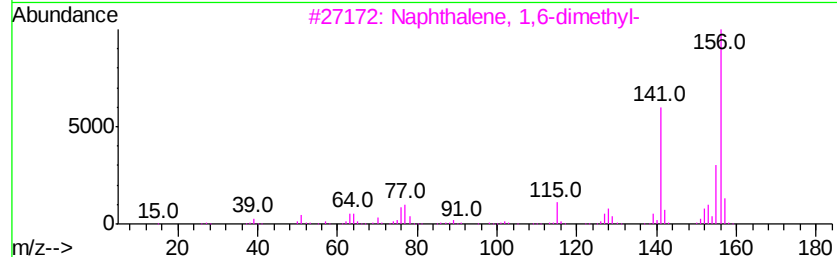
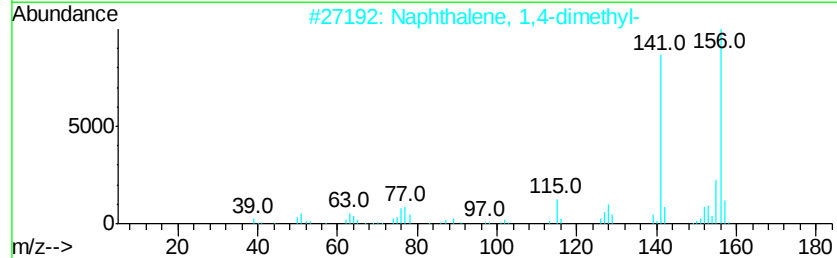
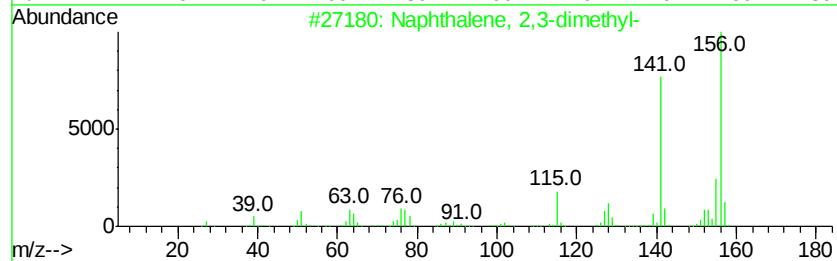
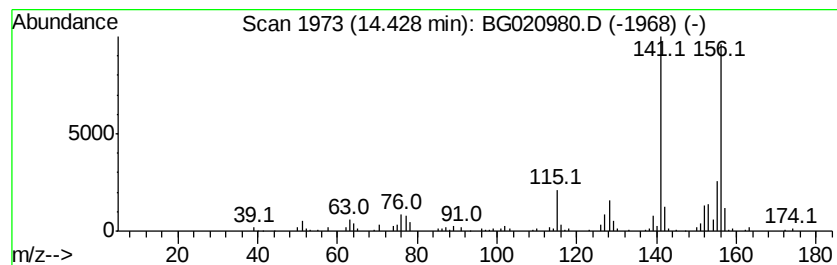
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	8.69 ng	140146	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
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Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
MW-1-FD

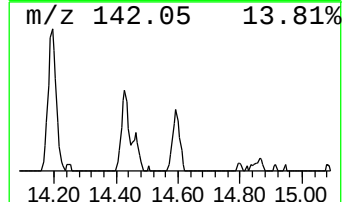
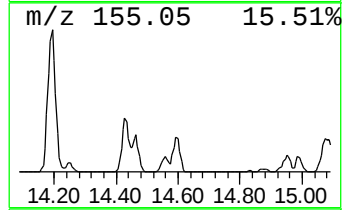
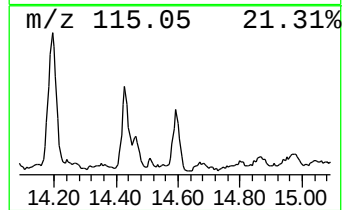
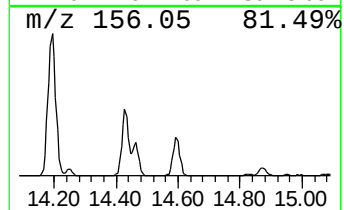
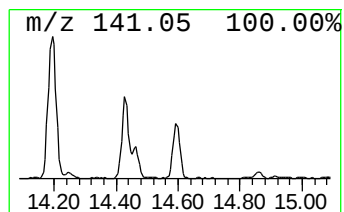
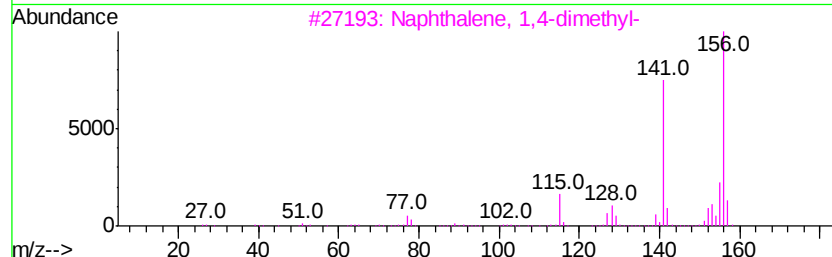
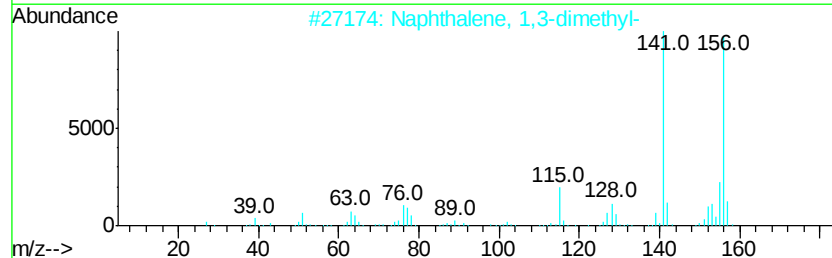
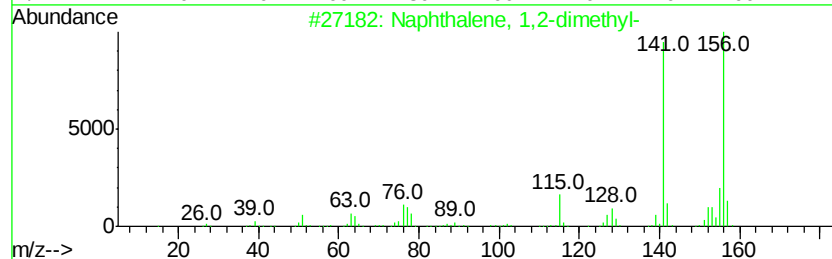
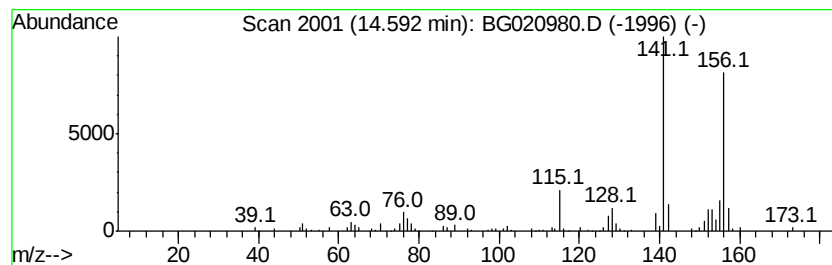
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	6.48 ng	104432	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020980.D
Acq On : 19 Feb 2016 20:15
Operator : SJ/UM
Sample : H1509-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1-FD

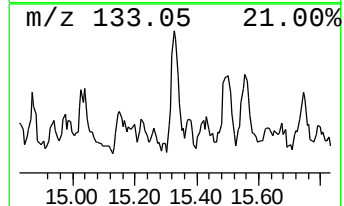
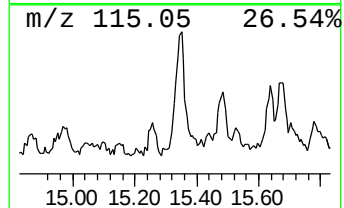
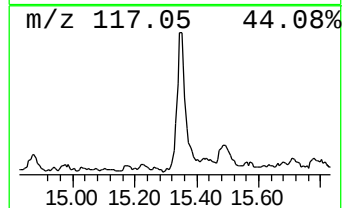
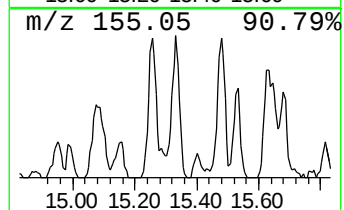
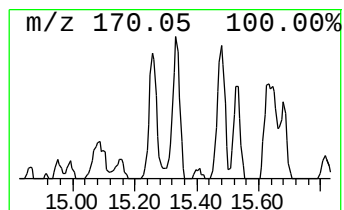
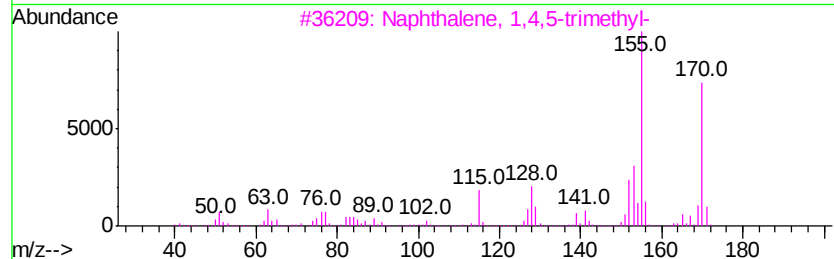
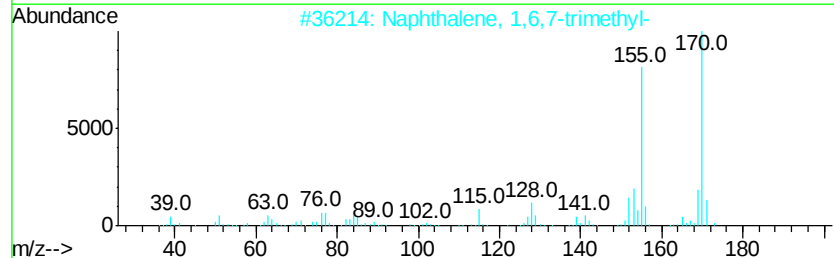
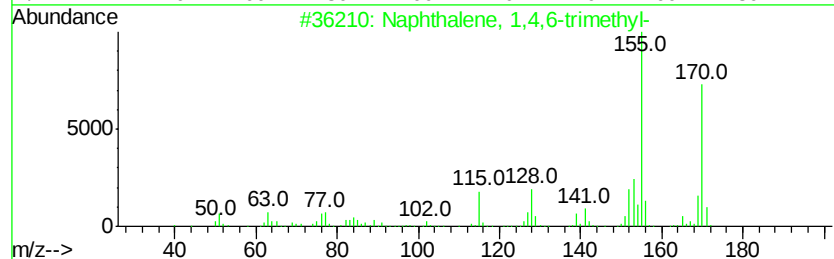
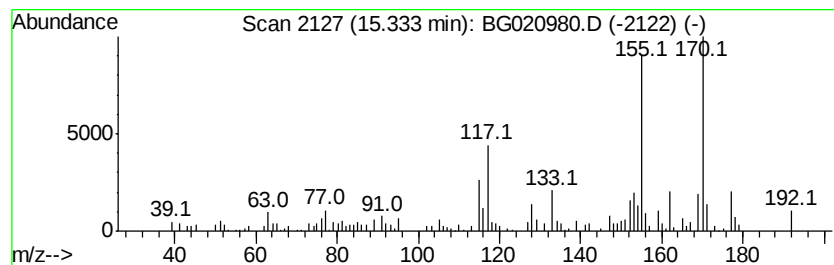
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	6.45 ng	104004	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG020980.D
 Acq On : 19 Feb 2016 20:15
 Operator : SJ/UM
 Sample : H1509-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-FD

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
Butane, 2-methoxy...	3.32	5.8	ng	31399	1	8.26	108971	20.0
unknown5.32	5.32	5.4	ng	29229	1	8.26	108971	20.0
Benzene, (1-methy...	6.73	12.1	ng	65993	1	8.26	108971	20.0
Benzene, propyl-	7.23	10.9	ng	59437	1	8.26	108971	20.0
unknown7.79	7.79	96.8	ng	527451	1	8.26	108971	20.0
Benzene, cyclopro...	8.64	30.5	ng	165987	1	8.26	108971	20.0
Benzene, 1,2-diet...	8.75	6.9	ng	37514	1	8.26	108971	20.0
Benzene, 1-ethyl-...	9.37	32.7	ng	178166	1	8.26	108971	20.0
Benzene, 1,2,3,4-...	9.89	8.0	ng	113225	2	11.09	283936	20.0
Benzene, 1,2,4,5-...	10.47	21.2	ng	300734	2	11.09	283936	20.0
1H-Indene, 2,3-di...	11.19	5.2	ng	73420	2	11.09	283936	20.0
Naphthalene, 1,2,...	12.61	5.3	ng	74649	2	11.09	283936	20.0
Naphthalene, 2-me...	12.94	22.1	ng	313304	2	11.09	283936	20.0
Naphthalene, 2,6-...	14.05	14.3	ng	231266	3	14.87	322490	20.0
Naphthalene, 2,3-...	14.19	20.8	ng	335518	3	14.87	322490	20.0
Naphthalene, 1,4-...	14.43	8.7	ng	140146	3	14.87	322490	20.0
Naphthalene, 1,2-...	14.59	6.5	ng	104432	3	14.87	322490	20.0
Naphthalene, 1,4,...	15.33	6.5	ng	104004	3	14.87	322490	20.0