

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020889.D
 Acq On : 12 Feb 2016 12:25
 Operator : SJ/UM
 Sample : H1408-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-03

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	3.248	64	70	79	rBV	59478	106369	8.87%	0.514%
2	3.325	79	83	92	rVB	38927	54490	4.54%	0.263%
3	5.328	417	424	428	rBV	18520	28163	2.35%	0.136%
4	5.804	496	505	515	rBB	143317	232824	19.41%	1.124%
5	6.732	655	663	672	rBV	65154	107239	8.94%	0.518%
6	7.231	742	748	755	rBV	78796	123852	10.32%	0.598%
7	7.413	772	779	785	rBV	96110	164852	13.74%	0.796%
8	7.795	837	844	851	rBV	302634	524194	43.69%	2.531%
9	7.907	859	863	871	rVB	28207	43400	3.62%	0.210%
10	8.165	903	907	913	rVB	36837	58936	4.91%	0.285%
11	8.271	913	925	931	rBV	67717	118303	9.86%	0.571%
12	8.594	969	980	985	rBV	295111	540491	45.05%	2.610%
13	8.647	985	989	1000	rVB	135537	219201	18.27%	1.058%
14	8.758	1001	1008	1015	rBV	57723	92080	7.67%	0.445%
15	8.911	1027	1034	1038	rBV2	22447	39114	3.26%	0.189%
16	8.958	1038	1042	1050	rVB	45344	72754	6.06%	0.351%
17	9.381	1107	1114	1119	rVV2	213383	372300	31.03%	1.798%
18	9.446	1119	1125	1138	rVB3	268722	716973	59.76%	3.462%
19	9.616	1146	1154	1160	rBV4	22031	46525	3.88%	0.225%
20	9.728	1165	1173	1186	rVB2	32679	83905	6.99%	0.405%
21	9.904	1197	1203	1209	rVB	142188	236351	19.70%	1.141%
22	9.963	1209	1213	1219	rBV2	31664	53079	4.42%	0.256%
23	10.092	1227	1235	1242	rBV4	34130	91300	7.61%	0.441%
24	10.162	1242	1247	1254	rVB	19413	34559	2.88%	0.167%
25	10.274	1261	1266	1272	rBV3	46641	97938	8.16%	0.473%
26	10.333	1272	1276	1287	rVB2	39634	84746	7.06%	0.409%
27	10.485	1294	1302	1309	rBV2	421548	740133	61.69%	3.574%
28	10.550	1309	1313	1319	rVB	19368	31042	2.59%	0.150%
29	10.662	1322	1332	1337	rBV3	23661	65917	5.49%	0.318%
30	10.779	1346	1352	1357	rBV	31992	62064	5.17%	0.300%
31	10.932	1370	1378	1384	rBV4	16819	43012	3.58%	0.208%
32	11.096	1393	1406	1411	rBV2	123468	374056	31.18%	1.806%
33	11.202	1419	1424	1431	rVB	74294	133754	11.15%	0.646%
34	11.290	1431	1439	1446	rBV4	42466	96346	8.03%	0.465%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020889.D
 Acq On : 12 Feb 2016 12:25
 Operator : SJ/UM
 Sample : H1408-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-03

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	11.396	1452	1457	1461	rVB	18382	28660	2.39%	0.138%
36	11.455	1461	1467	1471	rBV2	31831	56341	4.70%	0.272%
37	11.560	1480	1485	1492	rVB	53097	94219	7.85%	0.455%
38	11.672	1492	1504	1509	rBV	62784	128946	10.75%	0.623%
39	11.748	1513	1517	1530	rVV2	34669	97106	8.09%	0.469%
40	11.860	1530	1536	1541	rVV6	18195	38209	3.18%	0.185%
41	11.931	1543	1548	1550	rVV4	20483	37504	3.13%	0.181%
42	11.978	1550	1556	1564	rVB	508912	890165	74.19%	4.298%
43	12.183	1586	1591	1599	rVB	56607	98187	8.18%	0.474%
44	12.265	1600	1605	1612	rBV	104632	168787	14.07%	0.815%
45	12.401	1619	1628	1633	rBV2	26492	62068	5.17%	0.300%
46	12.459	1633	1638	1640	rBV2	19740	29967	2.50%	0.145%
47	12.618	1659	1665	1670	rVB	143744	220582	18.38%	1.065%
48	12.677	1670	1675	1679	rBV5	29153	58186	4.85%	0.281%
49	12.730	1679	1684	1690	rVV	148730	248985	20.75%	1.202%
50	12.947	1713	1721	1729	rBV	558385	1013128	84.44%	4.892%
51	13.017	1729	1733	1742	rVB4	34536	68542	5.71%	0.331%
52	13.229	1765	1769	1775	rVB3	39540	69575	5.80%	0.336%
53	13.352	1785	1790	1792	rBV2	25906	42128	3.51%	0.203%
54	13.511	1810	1817	1823	rVB	786395	1187938	99.01%	5.736%
55	13.816	1864	1869	1877	rVB4	32633	77822	6.49%	0.376%
56	13.916	1877	1886	1889	rBV4	35568	75589	6.30%	0.365%
57	14.051	1902	1909	1916	rBV2	97857	258495	21.54%	1.248%
58	14.116	1916	1920	1924	rBV4	33631	51617	4.30%	0.249%
59	14.204	1927	1935	1940	rBV3	175158	401623	33.47%	1.939%
60	14.257	1940	1944	1952	rVB4	101015	188726	15.73%	0.911%
61	14.398	1963	1968	1972	rBV6	33652	71292	5.94%	0.344%
62	14.439	1972	1975	1979	rBV	45095	57377	4.78%	0.277%
63	14.603	1999	2003	2008	rVB3	52458	81768	6.82%	0.395%
64	14.668	2009	2014	2021	rBV5	72629	166864	13.91%	0.806%
65	14.733	2022	2025	2032	rVB5	28263	47075	3.92%	0.227%
66	14.827	2032	2041	2045	rBV	150243	311559	25.97%	1.504%
67	14.880	2045	2050	2058	rVB2	199203	370988	30.92%	1.791%
68	15.032	2071	2076	2079	rBV2	60403	98766	8.23%	0.477%
69	15.079	2079	2084	2090	rVB2	77290	147185	12.27%	0.711%
70	15.273	2114	2117	2119	rVV2	22244	29992	2.50%	0.145%
71	15.303	2119	2122	2126	rVB	42428	54953	4.58%	0.265%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020889.D
 Acq On : 12 Feb 2016 12:25
 Operator : SJ/UM
 Sample : H1408-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-03

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

72	15.485	2143	2153	2158	rBV	528704	1135786	94.67%	5.484%
73	15.537	2158	2162	2169	rVB2	131524	253983	21.17%	1.226%
74	15.614	2169	2175	2179	rBV4	83751	143431	11.95%	0.693%
75	15.778	2196	2203	2208	rBV3	93458	237118	19.76%	1.145%
76	15.831	2208	2212	2218	rVB2	122435	200194	16.69%	0.967%
77	15.925	2223	2228	2231	rVV3	43888	80706	6.73%	0.390%
78	15.984	2234	2238	2244	rVV	207580	343942	28.67%	1.661%
79	16.037	2244	2247	2259	rVB6	35115	92343	7.70%	0.446%
80	16.195	2265	2274	2278	rBV5	46166	102983	8.58%	0.497%
81	16.248	2278	2283	2289	rVV4	72586	153695	12.81%	0.742%
82	16.313	2289	2294	2298	rVV	147903	282108	23.51%	1.362%
83	16.366	2298	2303	2319	rVV3	583413	1189587	99.15%	5.744%
84	16.501	2322	2326	2332	rVV2	56637	121659	10.14%	0.587%
85	16.554	2332	2335	2340	rVV2	43443	63526	5.29%	0.307%
86	16.607	2341	2344	2351	rVB3	26383	39775	3.32%	0.192%
87	16.671	2351	2355	2364	rBV10	21553	53370	4.45%	0.258%
88	16.918	2392	2397	2409	rBV4	47141	116841	9.74%	0.564%
89	17.106	2423	2429	2438	rVB	207182	350515	29.21%	1.693%
90	17.265	2452	2456	2468	rVB5	38015	87051	7.26%	0.420%
91	17.411	2477	2481	2488	rVB3	23137	51703	4.31%	0.250%
92	17.488	2490	2494	2500	rBV6	21836	40326	3.36%	0.195%
93	17.617	2509	2516	2522	rBV	214824	377483	31.46%	1.823%
94	17.793	2543	2546	2557	rVB2	34840	85933	7.16%	0.415%
95	18.251	2620	2624	2634	rBV	72991	134558	11.22%	0.650%
96	18.486	2661	2664	2669	rVB4	23317	28355	2.36%	0.137%
97	19.103	2766	2769	2773	rBV2	31075	44288	3.69%	0.214%
98	20.202	2951	2956	2960	rBV	954060	1199795	100.00%	5.793%
99	21.899	3240	3245	3253	rVB2	194829	344480	28.71%	1.663%
100	25.283	3812	3821	3836	rVB2	112895	332761	27.73%	1.607%

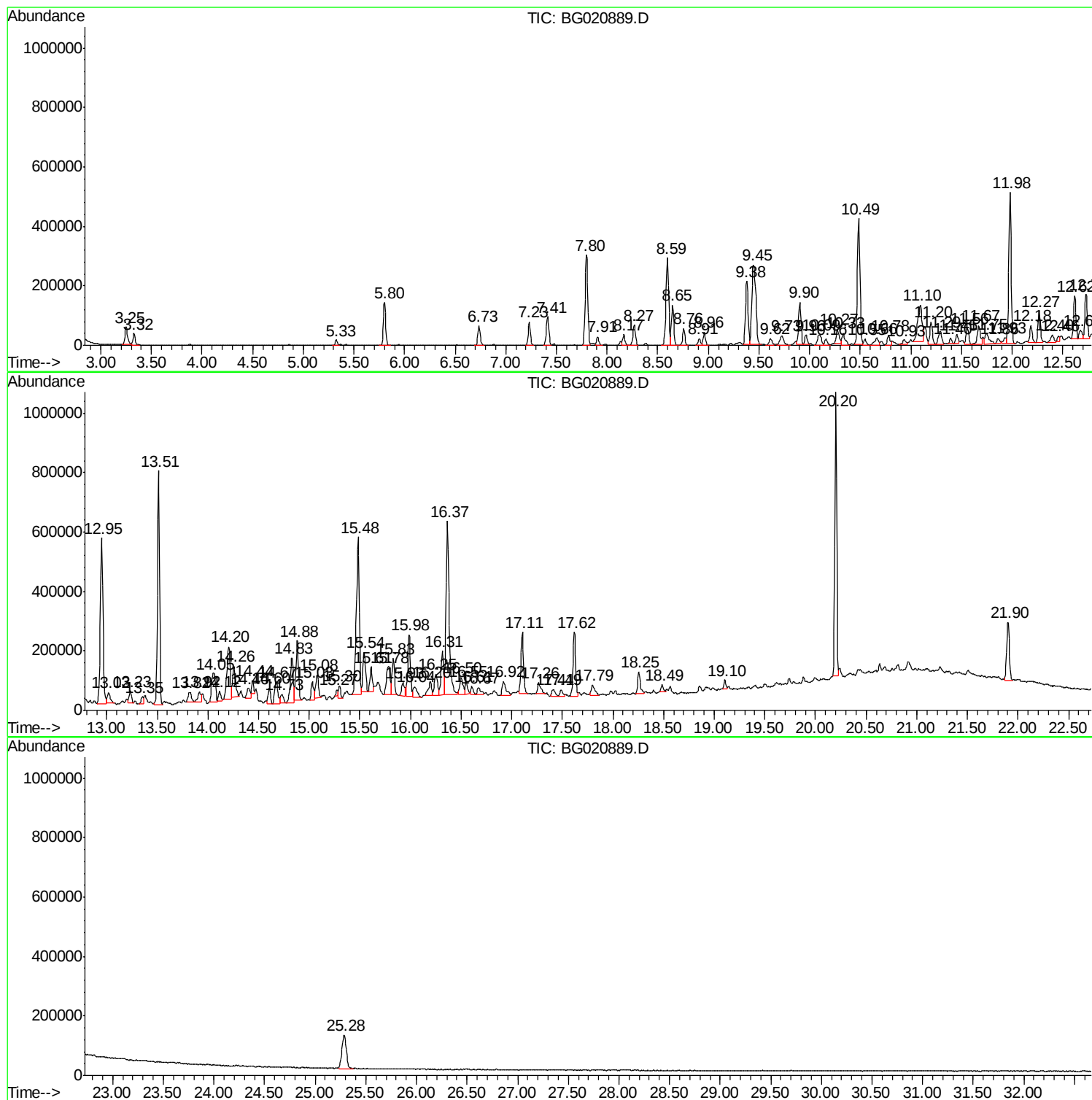
Sum of corrected areas: 20709471

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
AS-03

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

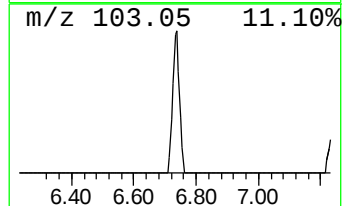
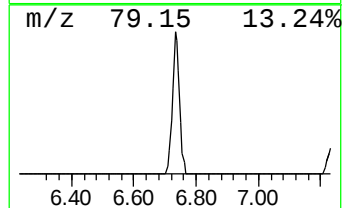
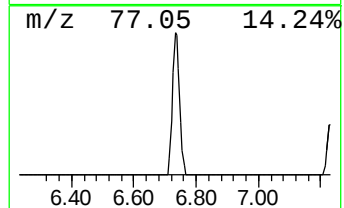
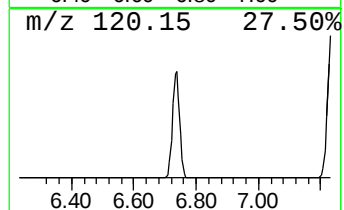
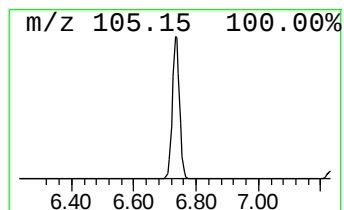
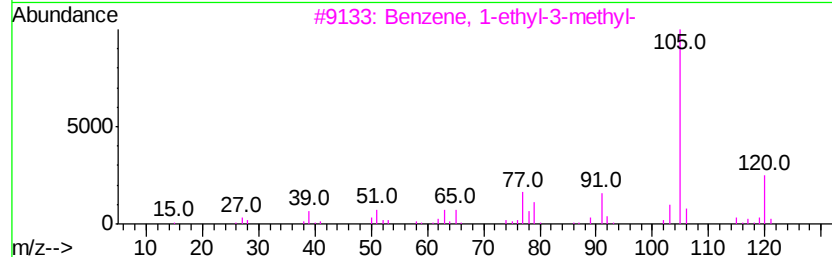
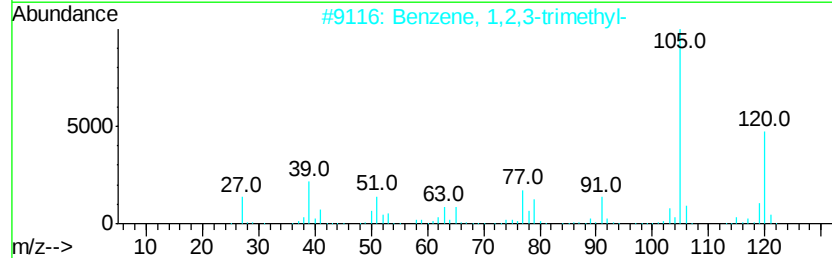
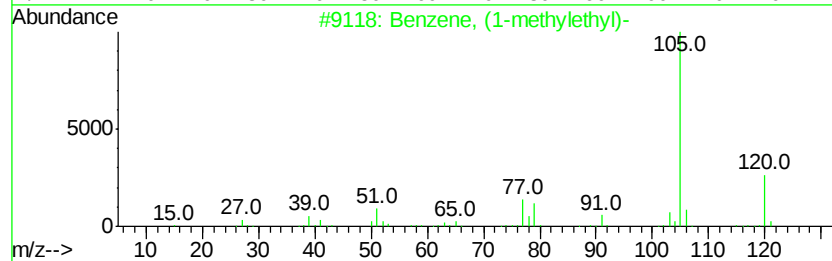
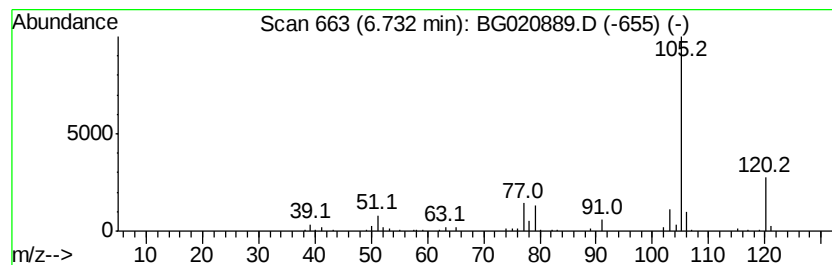
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	18.13 ng	107239	1,4-Dichlorobenzene-d4	8.27

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	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

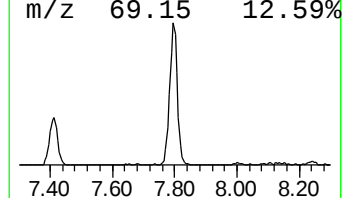
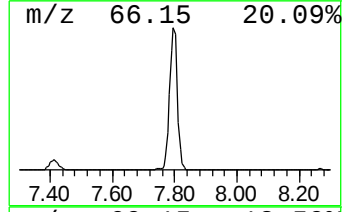
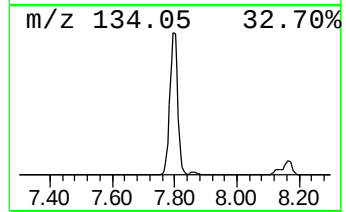
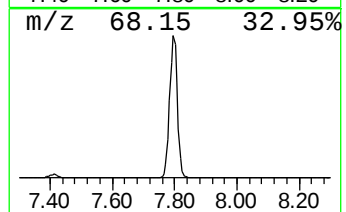
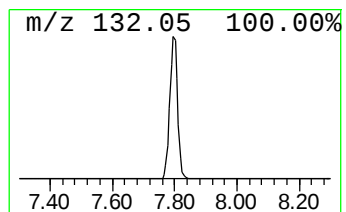
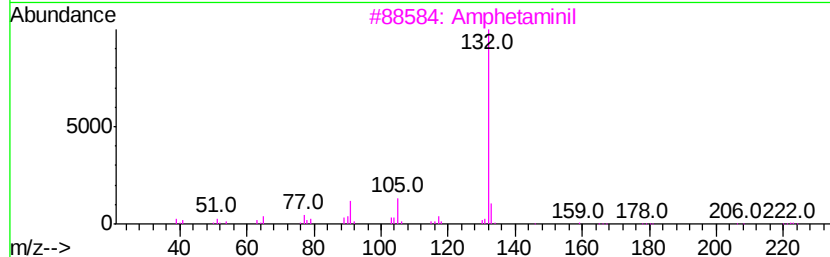
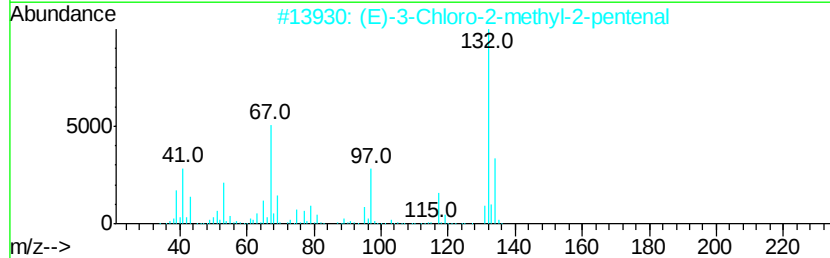
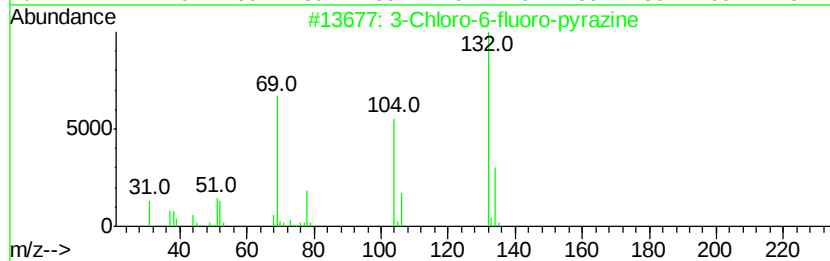
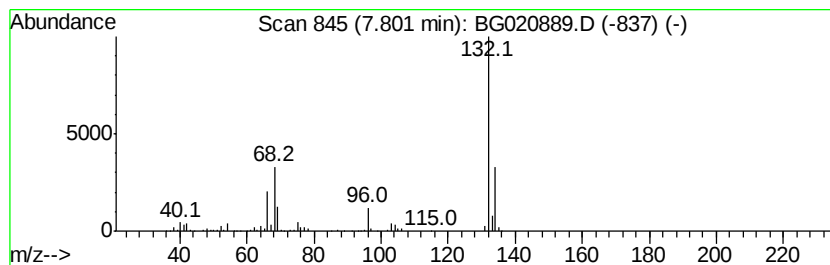
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	88.62 ng	524194	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

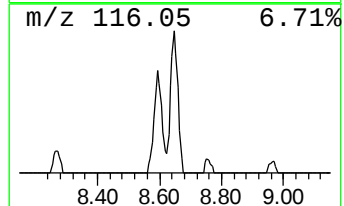
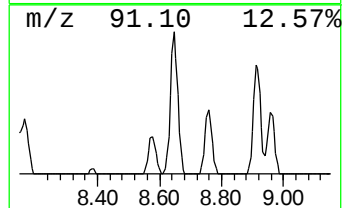
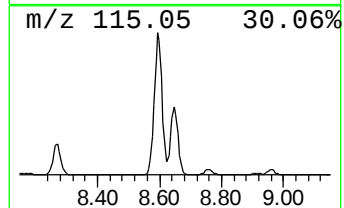
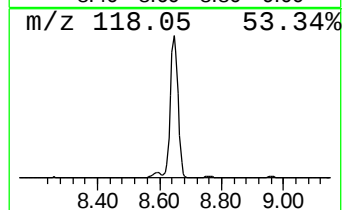
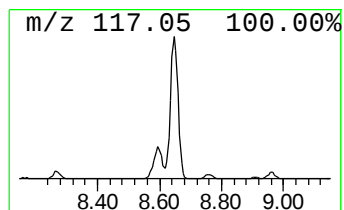
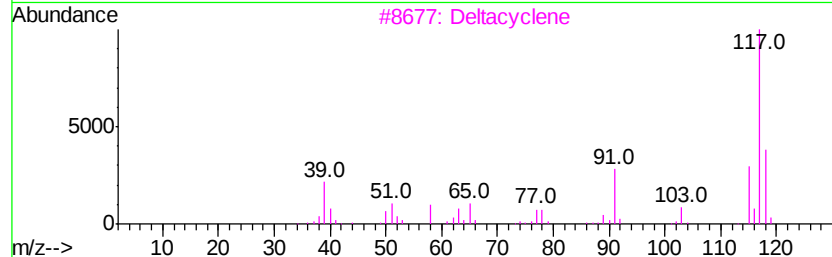
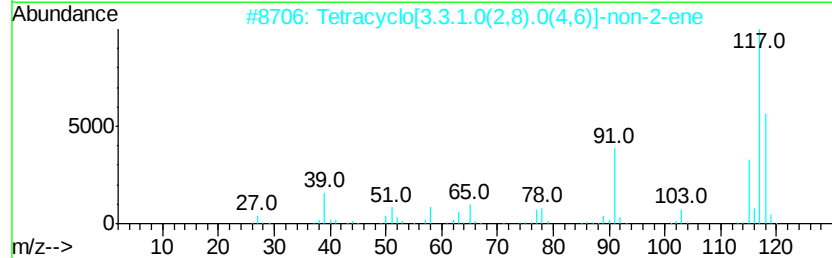
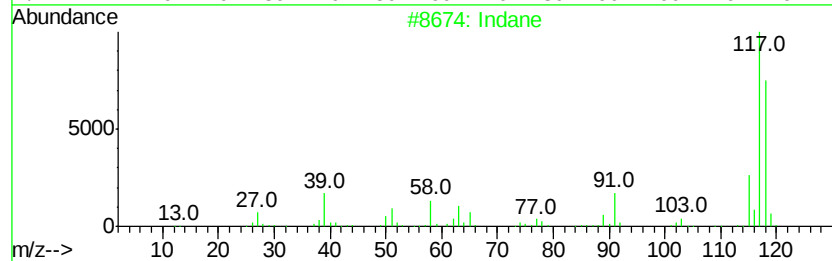
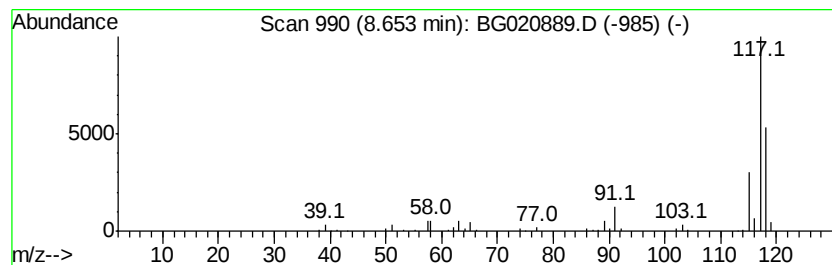
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	37.06 ng	219201	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	91
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	72
3			Deltacyclene	118	C9H10	007785-10-6	64
4			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	52



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

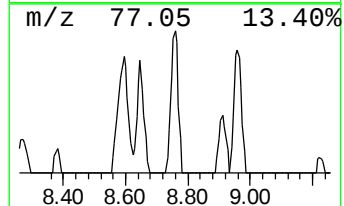
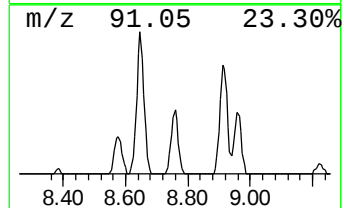
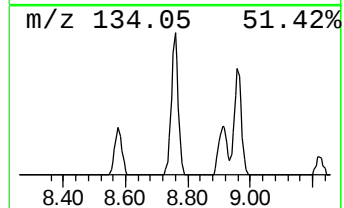
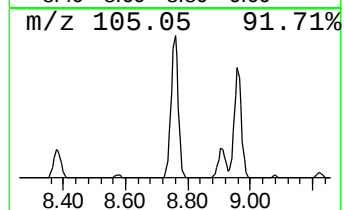
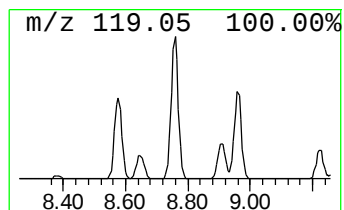
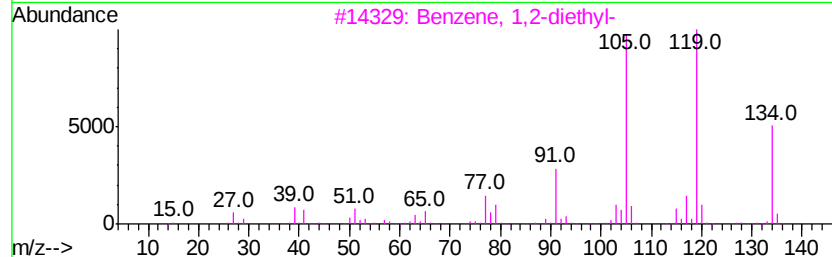
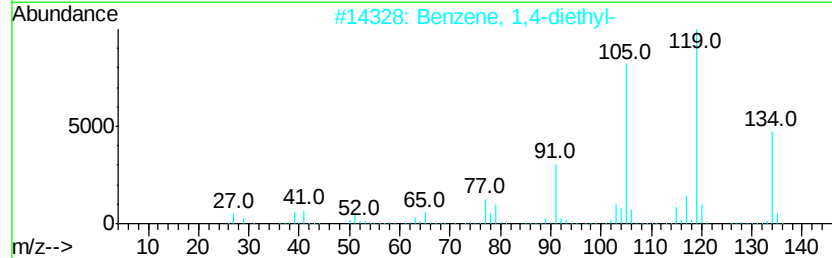
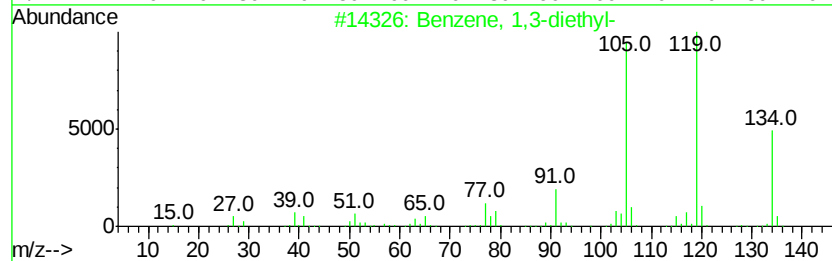
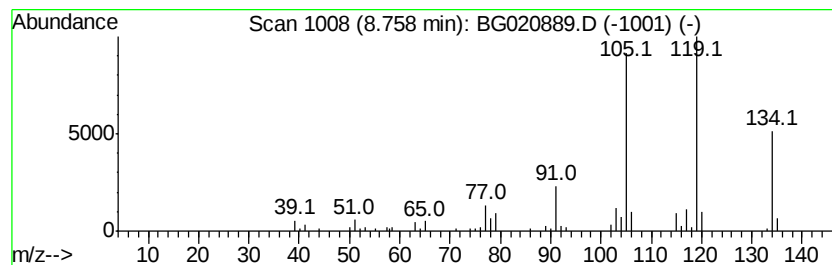
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	15.57 ng	92080	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

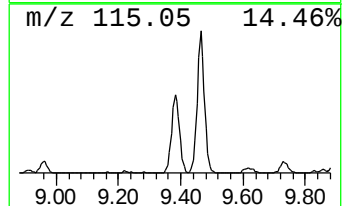
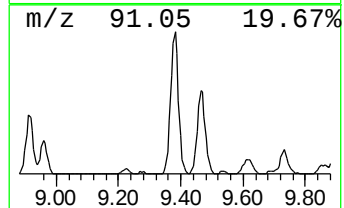
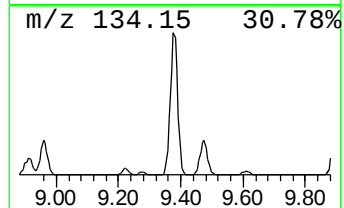
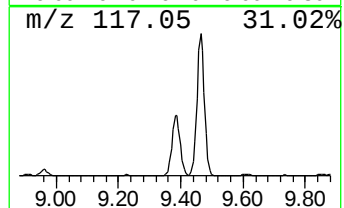
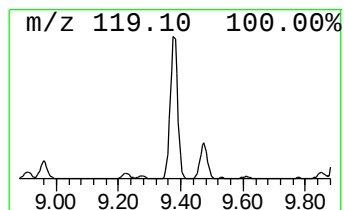
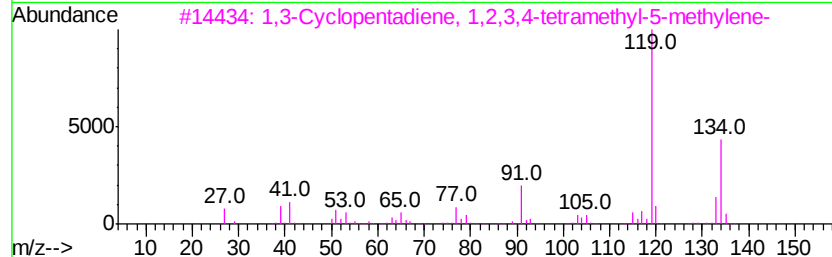
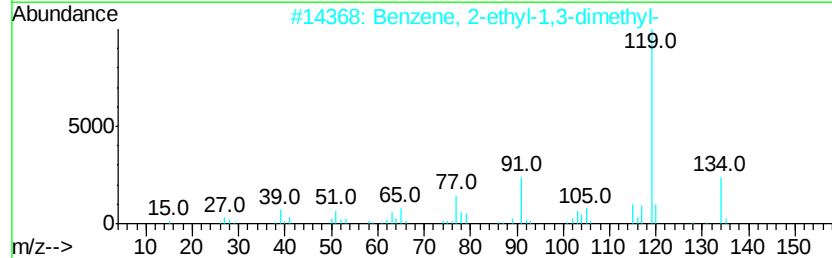
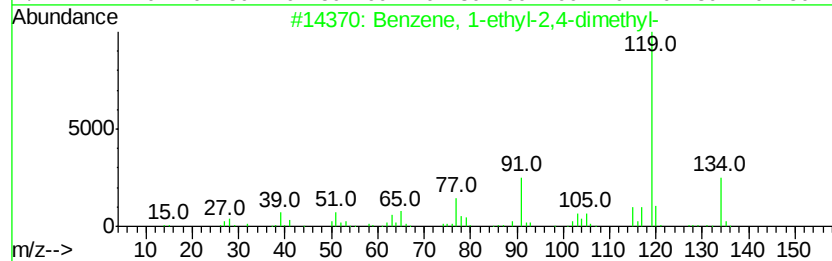
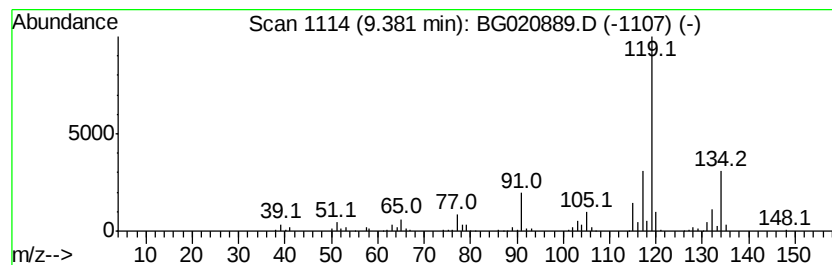
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	62.94 ng	372300	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

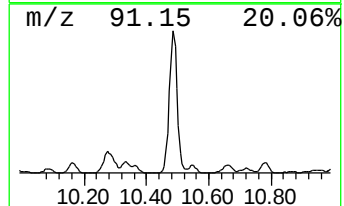
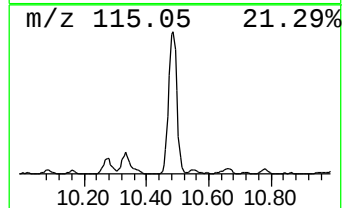
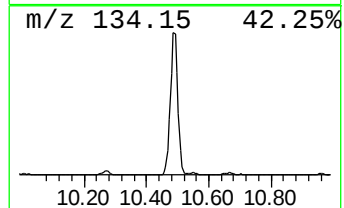
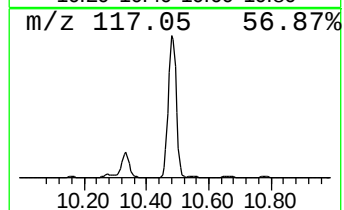
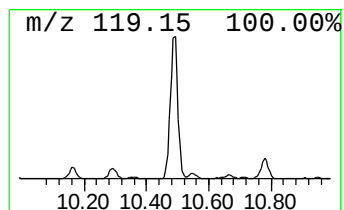
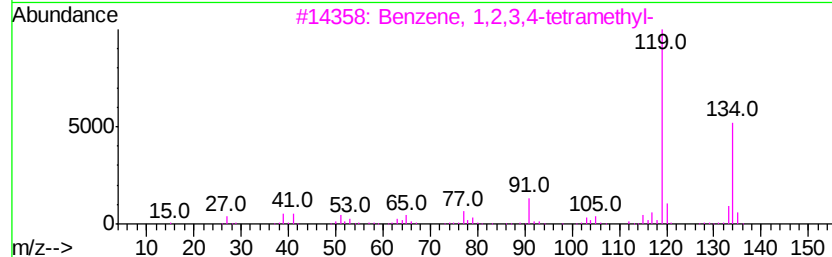
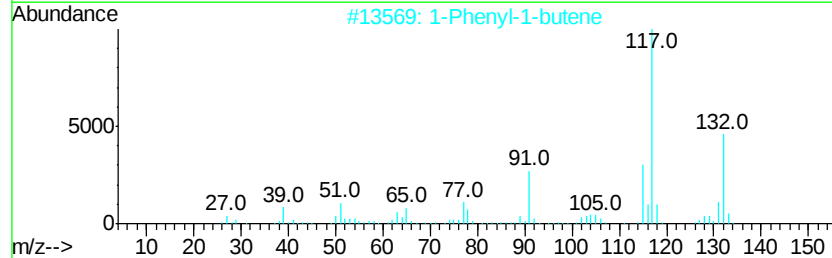
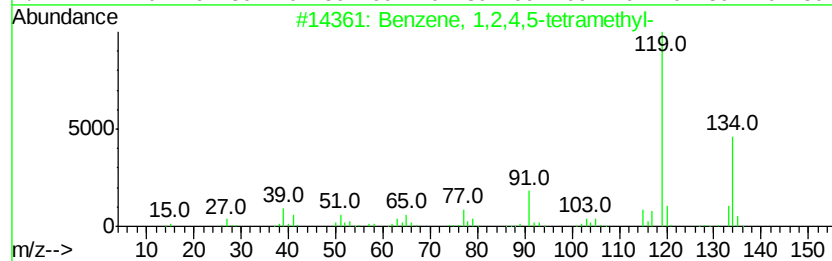
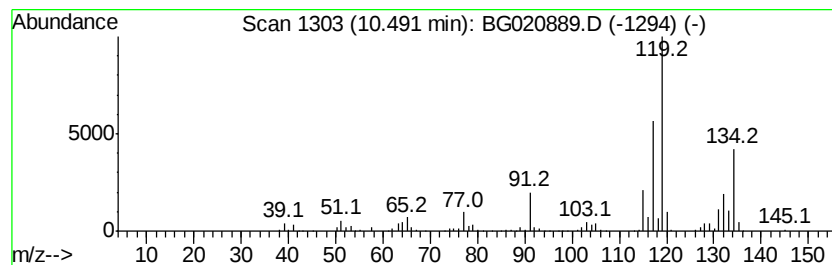
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	39.57 ng	740133	Naphthalene-d8	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	80
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

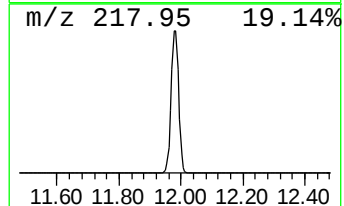
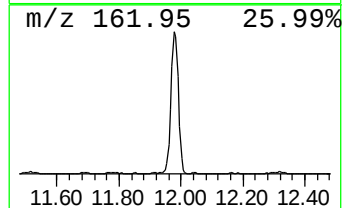
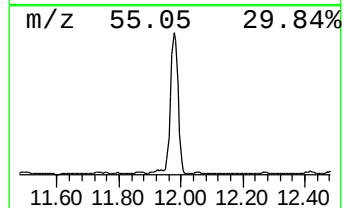
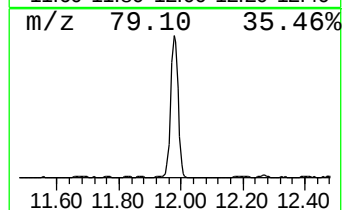
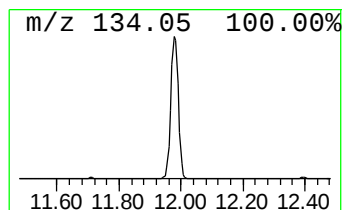
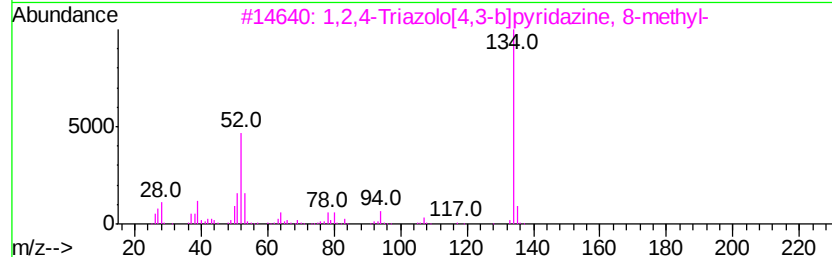
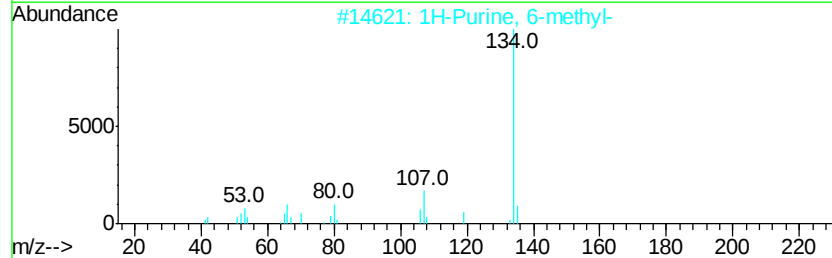
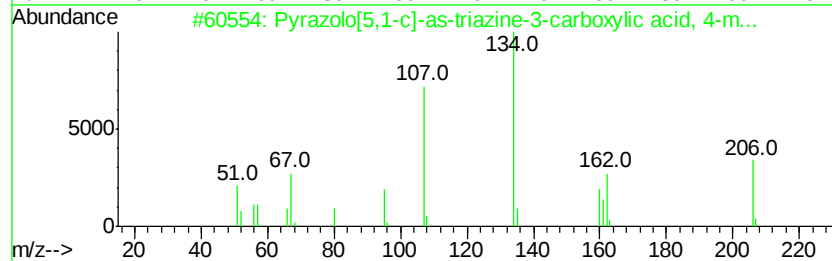
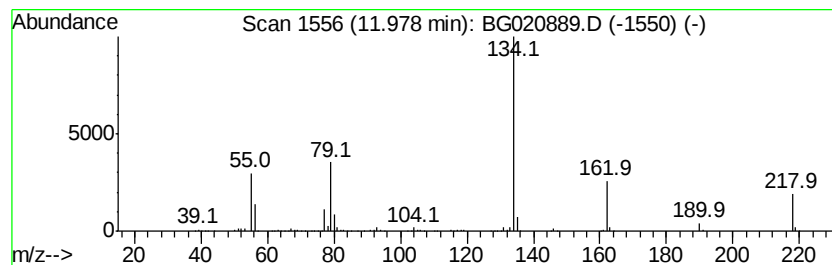
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.98 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	47.60 ng	890165	Naphthalene-d8	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazolo[5,1-c]-as-triazine-3-ca...	206	C9H10N4O2	006726-54-1	40
2		1H-Purine, 6-methyl-	134	C6H6N4	002004-03-7	32
3		1,2,4-Triazolo[4,3-b]pyridazine,...	134	C6H6N4	023069-75-2	32
4		3-Methylisoxazolo[5,4-b]pyridine	134	C7H6N2O	058035-50-0	28
5		Pyrrolo[3,2-c]pyridin-4(5H)-one	134	C7H6N2O	054415-77-9	28



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

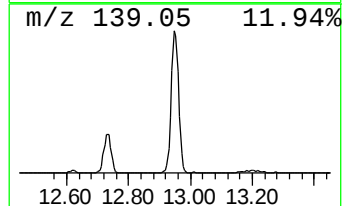
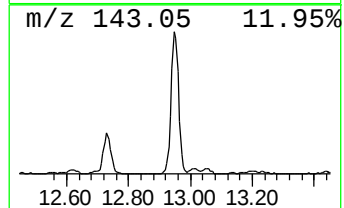
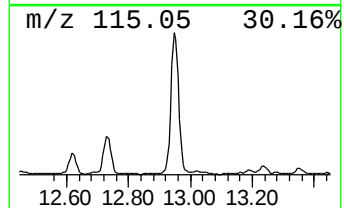
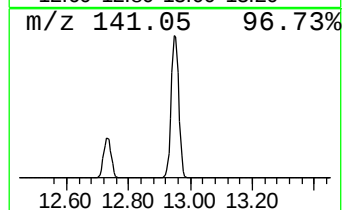
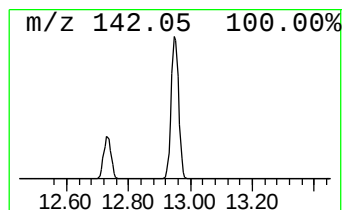
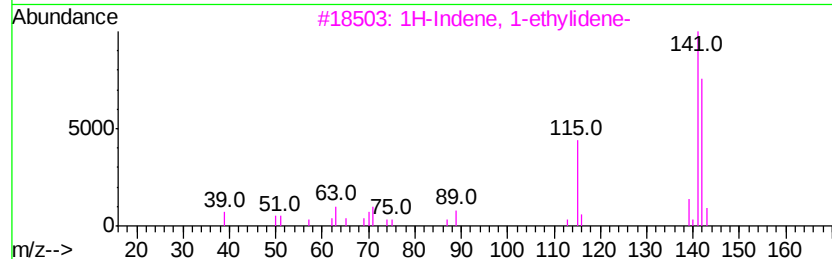
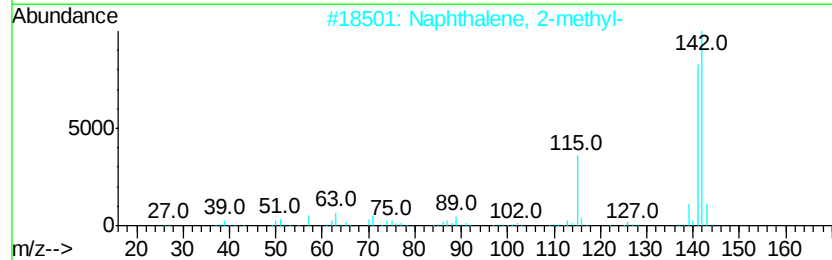
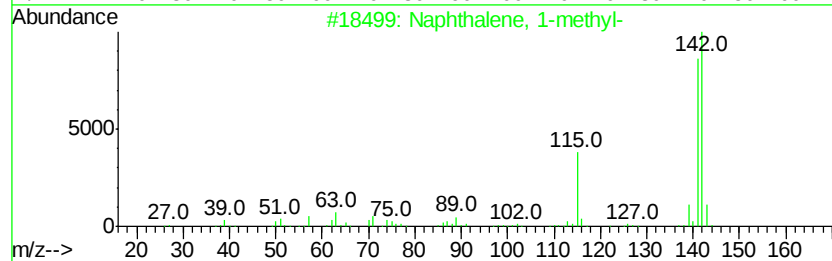
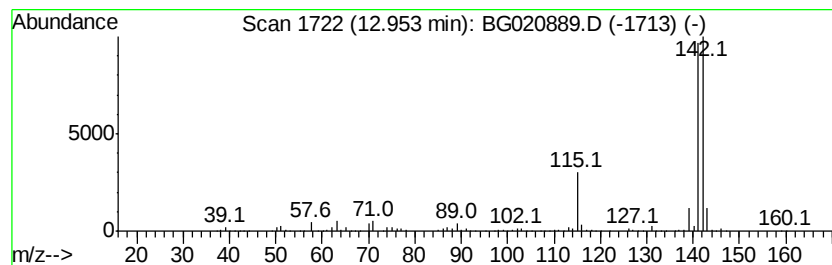
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	54.17 ng	1013130	Naphthalene-d8	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

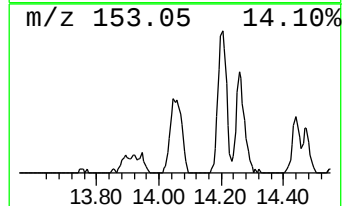
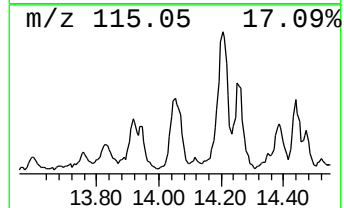
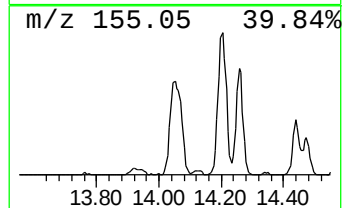
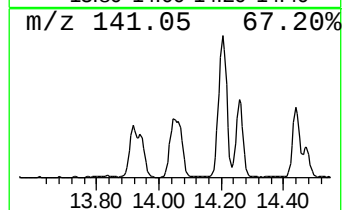
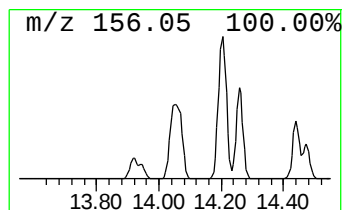
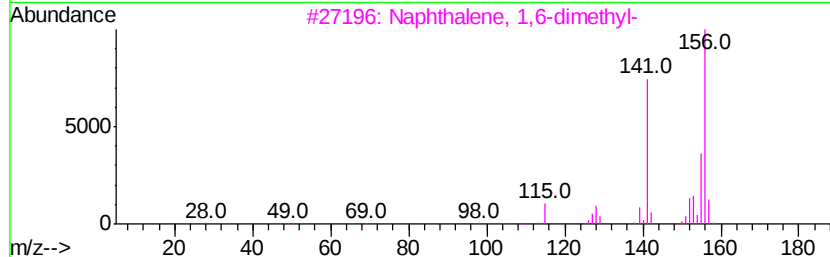
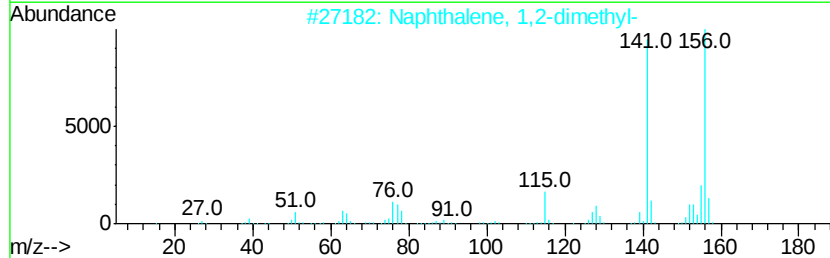
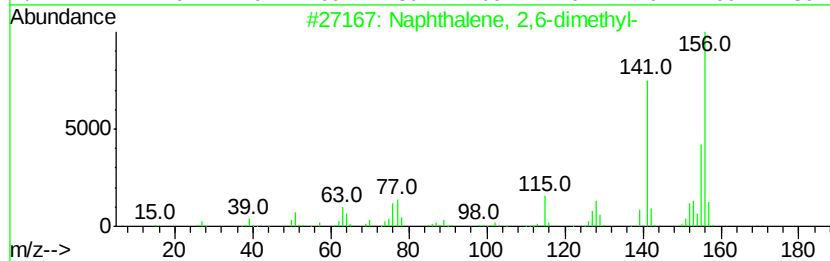
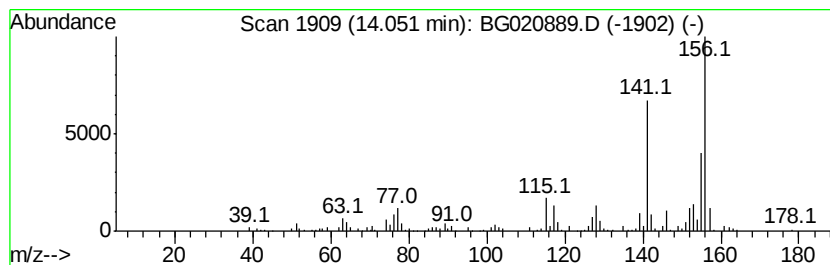
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	13.94 ng	258495	Acenaphthene-d10	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

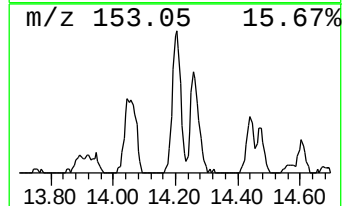
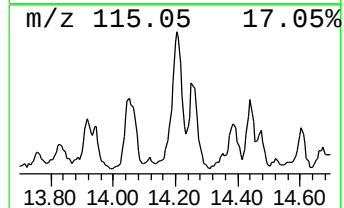
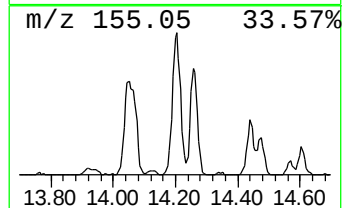
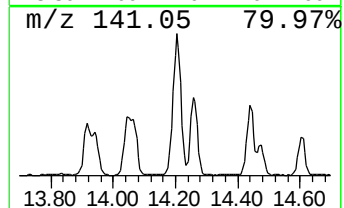
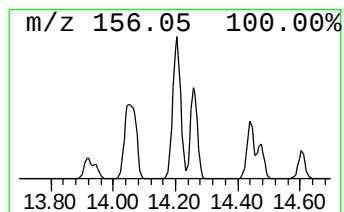
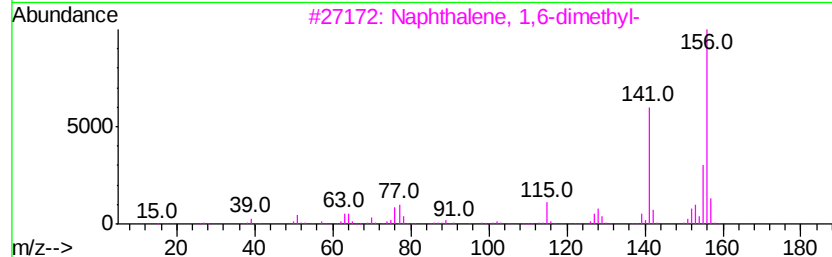
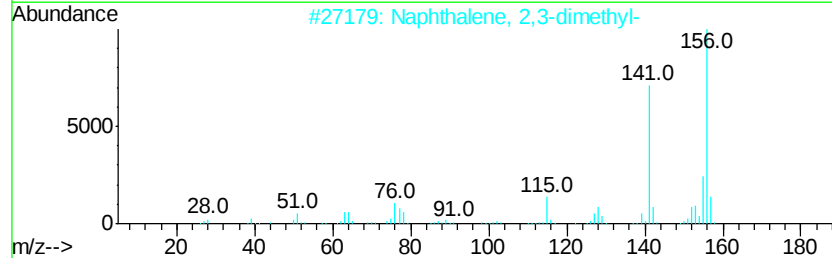
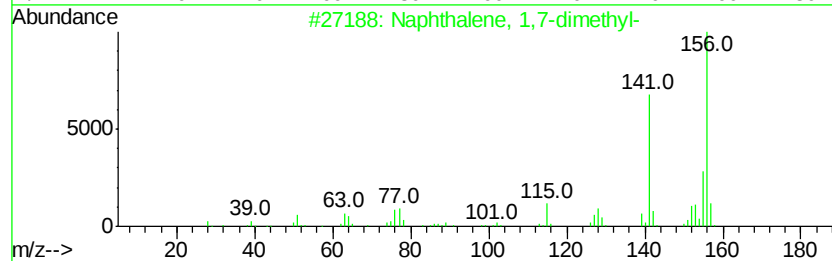
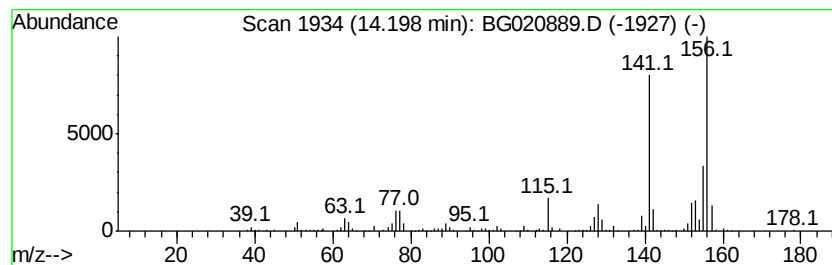
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	21.65 ng	401623	Acenaphthene-d10	14.88

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

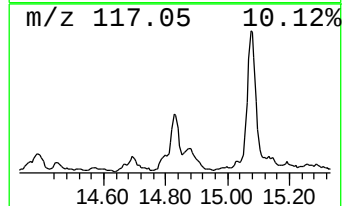
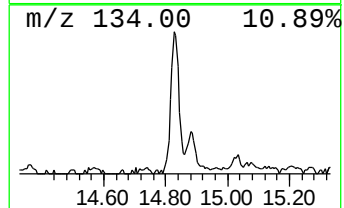
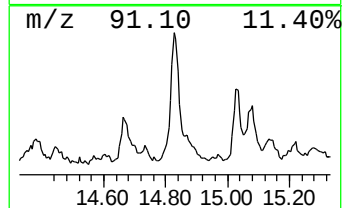
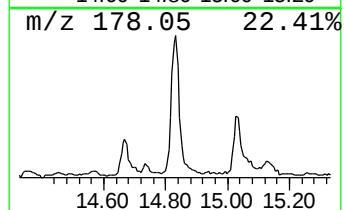
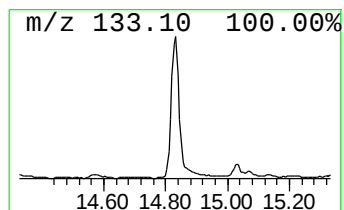
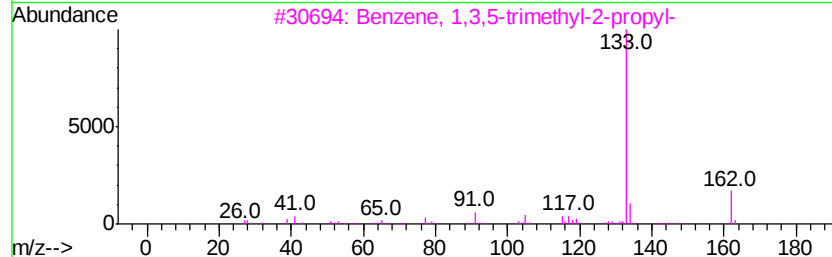
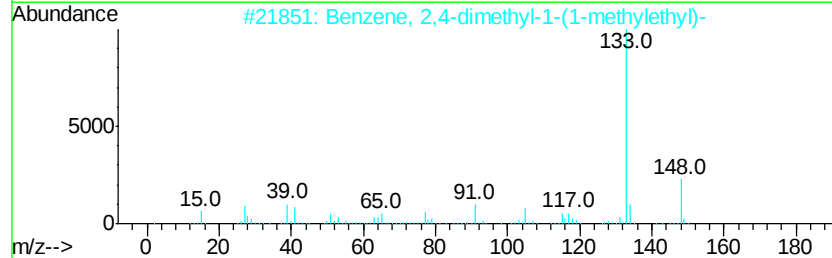
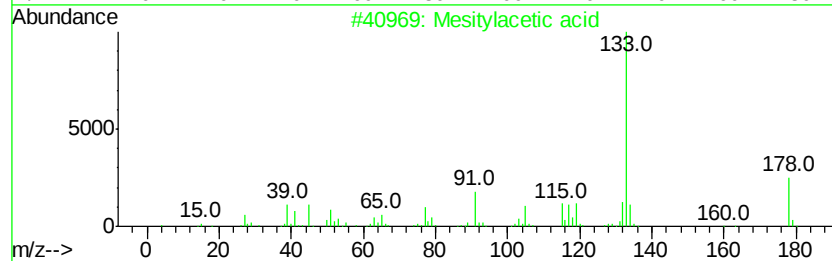
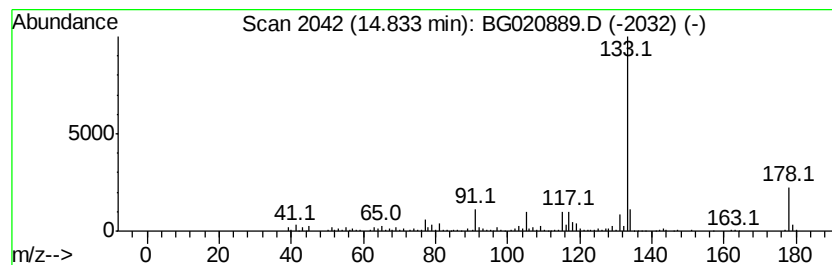
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Mesitylacetic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	16.80 ng	311559	Acenaphthene-d10	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylacetic acid	178	C11H14O2	004408-60-0	90
2		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
3		Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	80
4		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	72
5		Benzene, 1-(chloromethyl)-2,4,5-...	168	C10H13Cl	010340-77-9	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

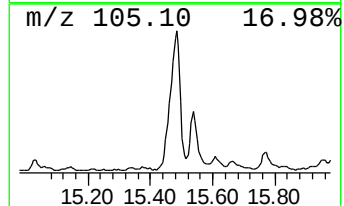
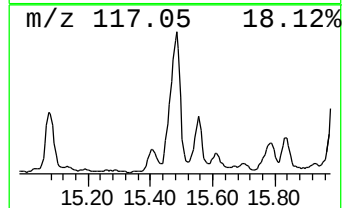
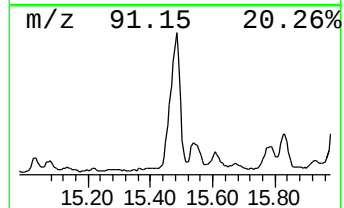
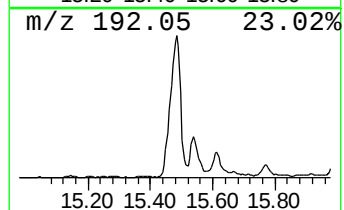
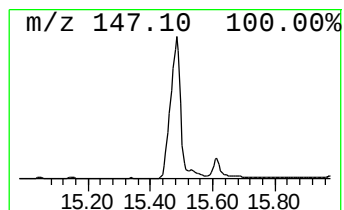
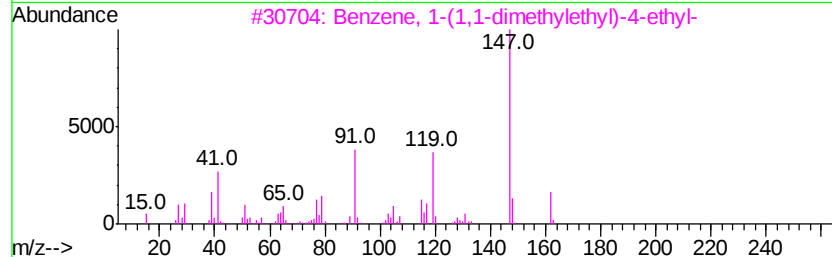
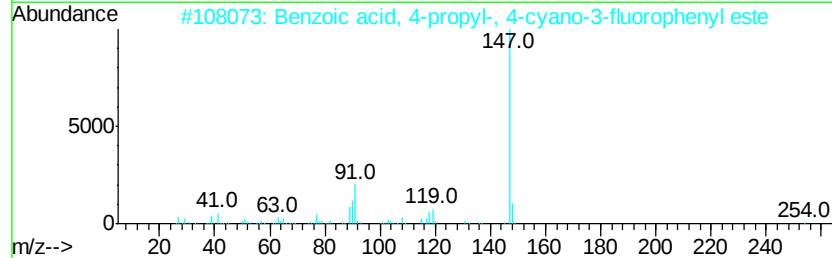
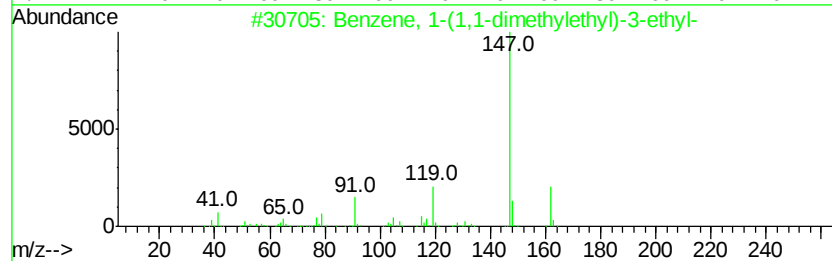
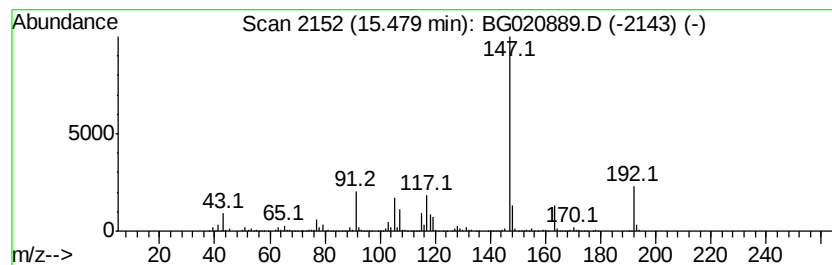
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-(1,1-dimethyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	61.23 ng	1135790	Acenaphthene-d10	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	50
2		Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FN02	086776-51-4	50
3		Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	50
4		Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15N02	056131-49-8	50
5		Benzoic acid, 2,4,6-trimethyl-, ...	282	C19H22O2	001504-38-7	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

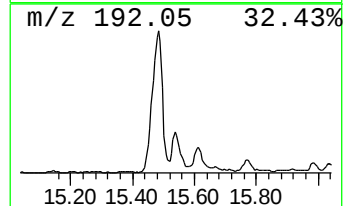
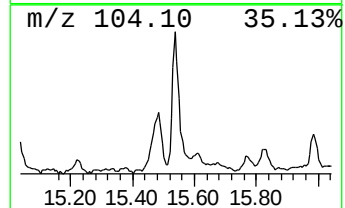
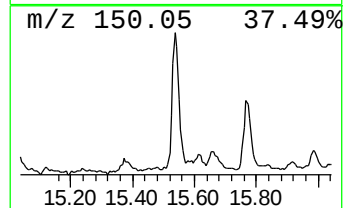
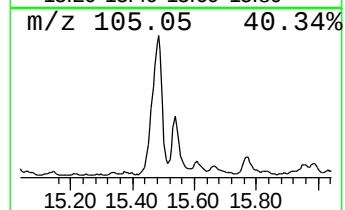
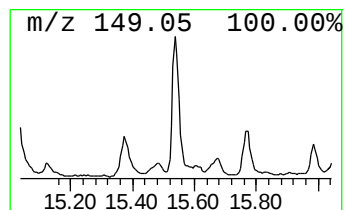
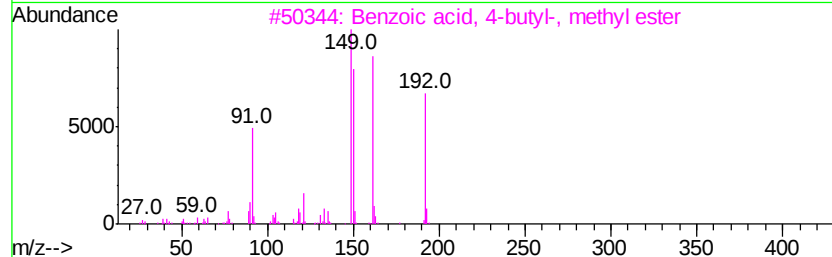
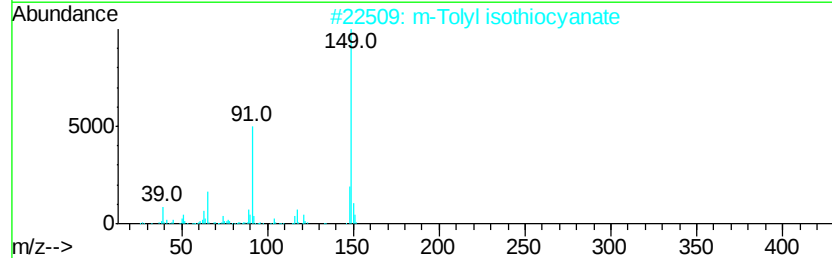
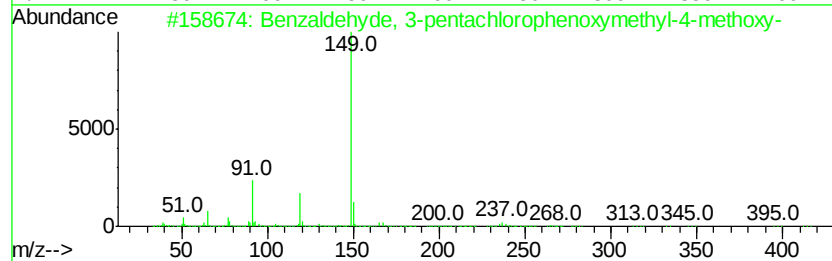
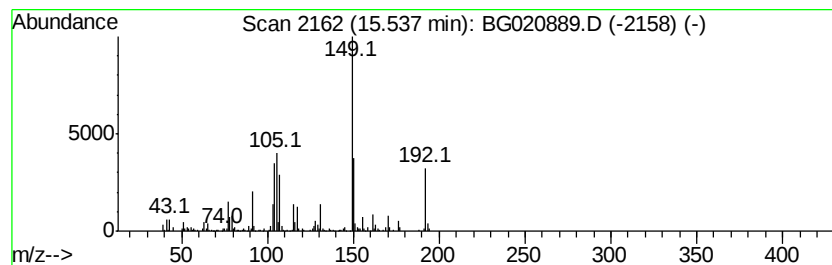
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	13.69 ng	253983	Acenaphthene-d10	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3-pentachloropheno...	412	C15H9Cl5O3	329222-74-4	35
2		m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	35
3		Benzoic acid, 4-butyl-, methyl e...	192	C12H16O2	020651-69-8	27
4		4-Cyclohexylresorcinol	192	C12H16O2	002138-20-7	25
5		Benzaldehyde, 3-(4-nitrophenoxy...	287	C15H13NO5	1000273-81-9	25



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

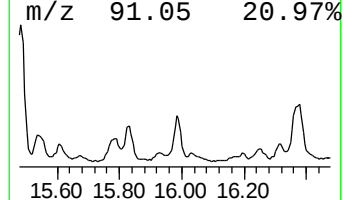
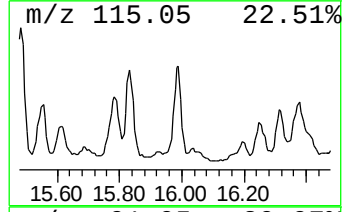
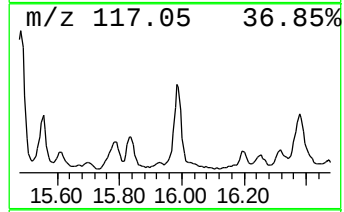
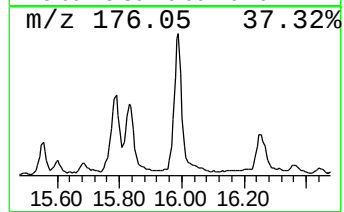
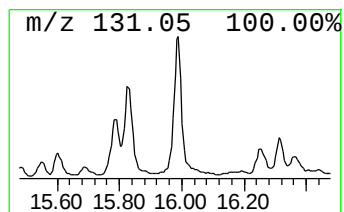
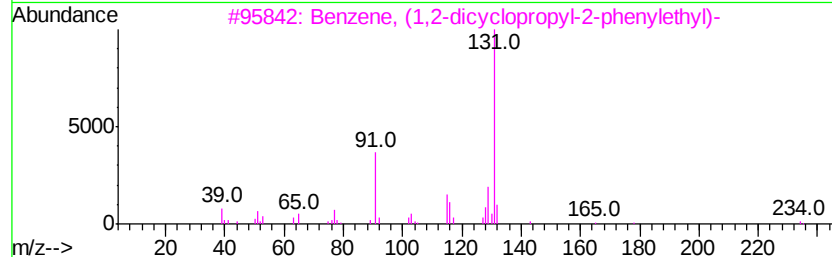
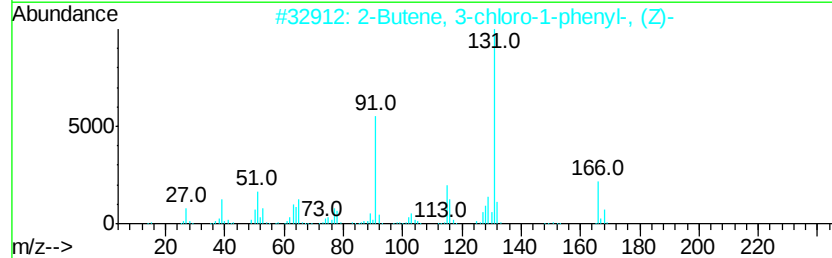
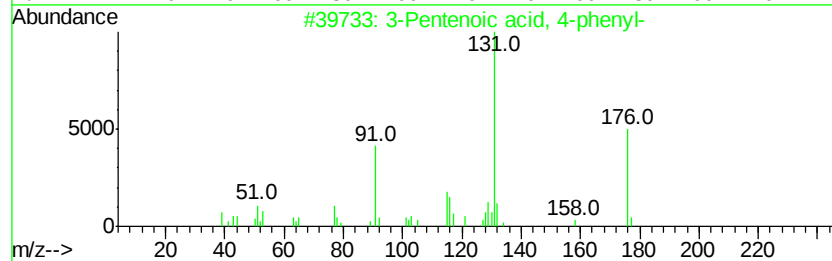
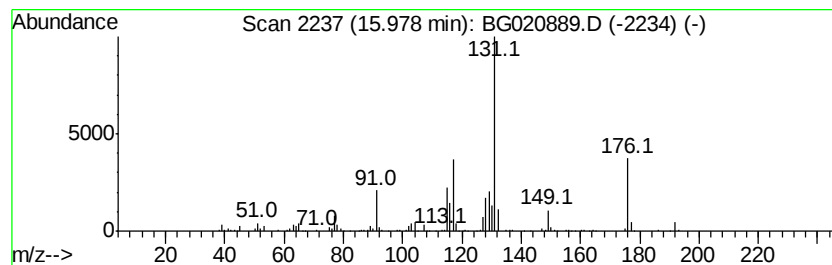
Instrument :
BNA_G
ClientSampleId :
AS-03

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 18 3-Pentenoic acid, 4-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.98	18.54 ng	343942	Acenaphthene-d10		14.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	74
2	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	47
3	Benzene, (1,2-dicyclopropyl-2-phenyl)-	262	C20H22	110330-90-0	47
4	Cyclopropane, 2-bromo-1-methyl-1-phenyl-	210	C10H11Br	055091-64-0	47
5	Cyclopropane, 1-chloro-1-methyl-1-phenyl-	166	C10H11Cl	1000161-07-9	43



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

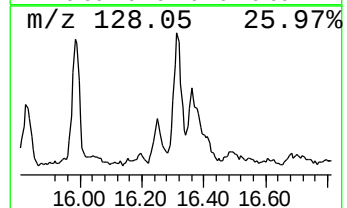
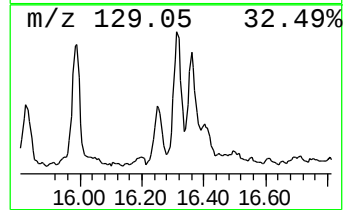
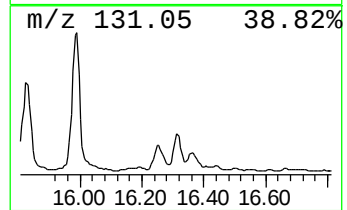
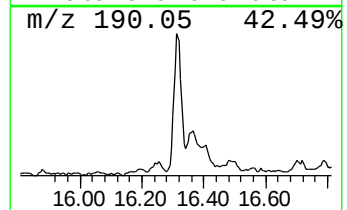
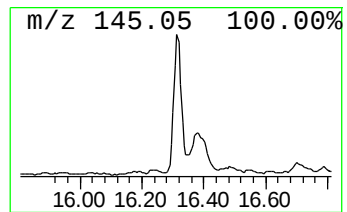
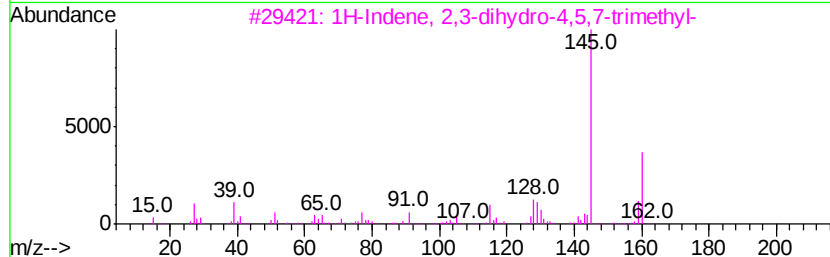
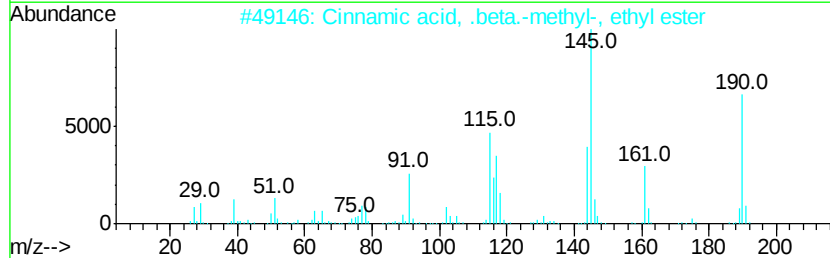
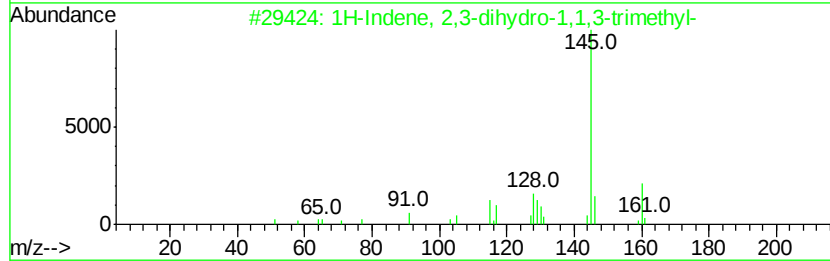
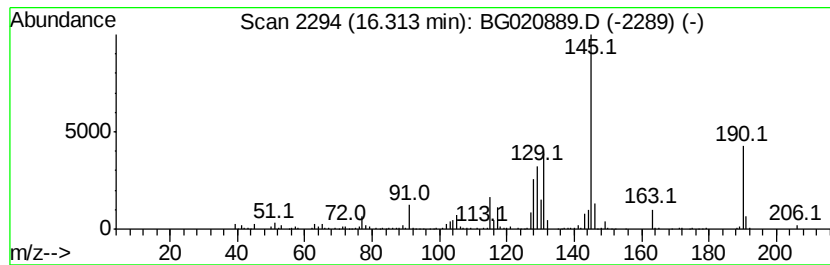
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.31 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	14.95 ng	282108	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	47
2		Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	43
3		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	43
4		1-Phenylcyclopentanecarboxylic acid	190	C12H14O2	000077-55-4	43
5		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

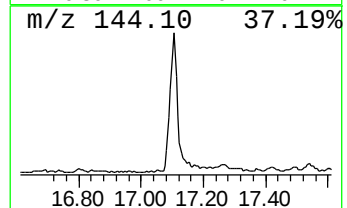
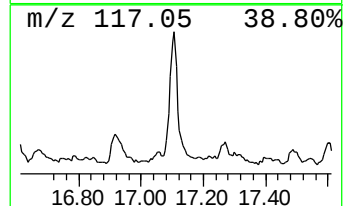
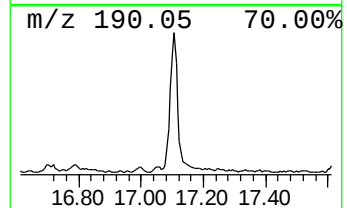
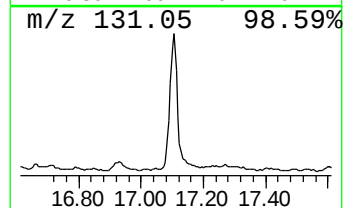
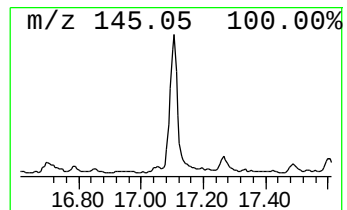
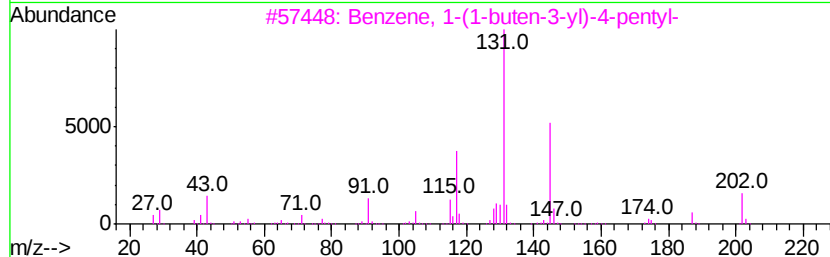
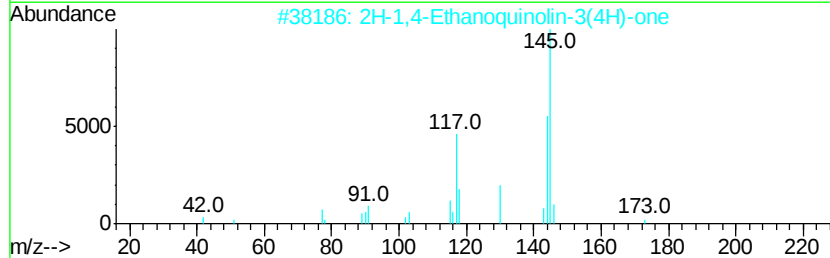
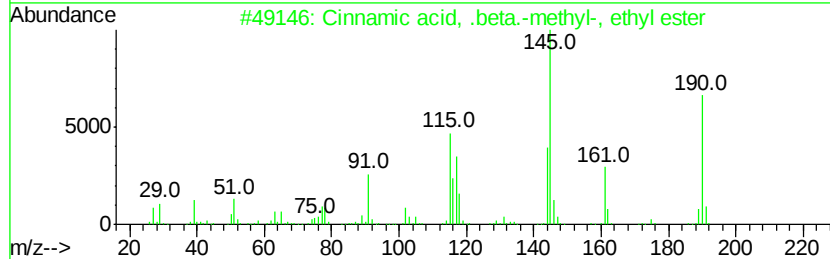
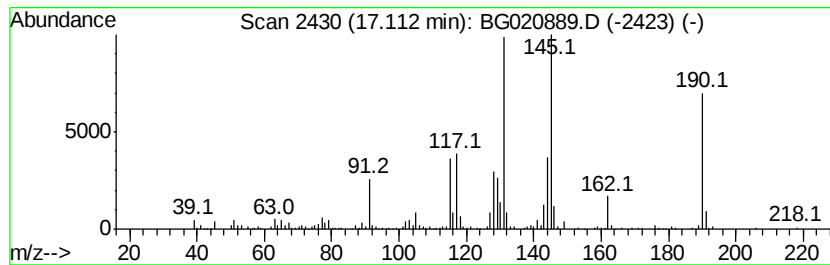
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.11 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	18.57 ng	350515	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	49
2		2H-1,4-Ethanoquinolin-3(4H)-one	173	C11H11NO	024562-79-6	43
3		Benzene, 1-(1-buten-3-yl)-4-pentyl-	202	C15H22	1000161-70-6	38
4		3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	35
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	30



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021116\
Data File : BG020889.D
Acq On : 12 Feb 2016 12:25
Operator : SJ/UM
Sample : H1408-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-03

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
Benzene, (1-methy...	6.73	18.1	ng	107239	1	8.27	118303	20.0
unknown7.80	7.80	88.6	ng	524194	1	8.27	118303	20.0
Indane	8.65	37.1	ng	219201	1	8.27	118303	20.0
Benzene, 1,3-diet...	8.76	15.6	ng	92080	1	8.27	118303	20.0
Benzene, 1-ethyl-...	9.38	62.9	ng	372300	1	8.27	118303	20.0
Benzene, 1,2,4,5-...	10.49	39.6	ng	740133	2	11.10	374056	20.0
unknown11.98	11.98	47.6	ng	890165	2	11.10	374056	20.0
Naphthalene, 1-me...	12.95	54.2	ng	1013130	2	11.10	374056	20.0
Naphthalene, 2,6-...	14.05	13.9	ng	258495	3	14.88	370988	20.0
Naphthalene, 1,7-...	14.20	21.6	ng	401623	3	14.88	370988	20.0
Mesitylacetic acid	14.83	16.8	ng	311559	3	14.88	370988	20.0
Benzene, 1-(1,1-d...	15.48	61.2	ng	1135790	3	14.88	370988	20.0
unknown15.54	15.54	13.7	ng	253983	3	14.88	370988	20.0
3-Pentenoic acid, ...	15.98	18.5	ng	343942	3	14.88	370988	20.0
unknown16.31	16.31	14.9	ng	282108	4	17.62	377483	20.0
unknown17.11	17.11	18.6	ng	350515	4	17.62	377483	20.0