

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020978.D
 Acq On : 19 Feb 2016 18:56
 Operator : SJ/UM
 Sample : H1509-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

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	3.237	60	68	77	rBV2	66293	155556	10.73%	0.659%
2	3.314	77	81	87	rVB	26511	36828	2.54%	0.156%
3	3.872	172	176	185	rVB3	14762	25934	1.79%	0.110%
4	5.317	417	422	426	rBV	21685	31594	2.18%	0.134%
5	5.793	496	503	509	rBV	163298	263640	18.18%	1.116%
6	6.727	654	662	671	rBV	80774	134112	9.25%	0.568%
7	7.220	740	746	752	rBV	90167	151034	10.42%	0.640%
8	7.402	769	777	782	rBV	112914	198224	13.67%	0.839%
9	7.449	782	785	791	rVV5	16624	41429	2.86%	0.175%
10	7.508	791	795	802	rVB	26377	43133	2.97%	0.183%
11	7.637	811	817	829	rVB2	43938	96341	6.64%	0.408%
12	7.790	835	843	851	rBV	360541	643811	44.40%	2.726%
13	8.154	895	905	910	rVB2	30295	63033	4.35%	0.267%
14	8.260	910	923	927	rBV	74292	153624	10.60%	0.651%
15	8.477	953	960	965	rBV2	16668	34518	2.38%	0.146%
16	8.530	965	969	972	rVV3	14364	28140	1.94%	0.119%
17	8.589	972	979	983	rVV	342906	634533	43.76%	2.687%
18	8.636	983	987	994	rVB	213797	361625	24.94%	1.531%
19	8.748	999	1006	1011	rBV	72368	112266	7.74%	0.475%
20	8.900	1025	1032	1036	rBV2	48896	84456	5.82%	0.358%
21	8.959	1036	1042	1049	rVB2	53228	125876	8.68%	0.533%
22	9.059	1052	1059	1063	rBV7	10898	23736	1.64%	0.101%
23	9.165	1070	1077	1079	rBV5	18774	38445	2.65%	0.163%
24	9.300	1091	1100	1102	rBV4	36306	77896	5.37%	0.330%
25	9.370	1103	1112	1117	rVV2	225381	427872	29.51%	1.812%
26	9.435	1117	1123	1132	rVV3	292998	777142	53.60%	3.291%
27	9.541	1138	1141	1145	rVB	16984	23389	1.61%	0.099%
28	9.640	1145	1158	1163	rBV7	23115	86913	5.99%	0.368%
29	9.723	1163	1172	1186	rVB5	37152	120260	8.29%	0.509%
30	9.893	1195	1201	1207	rVB	156541	254661	17.56%	1.078%
31	9.993	1207	1218	1224	rBV8	21722	57357	3.96%	0.243%
32	10.116	1227	1239	1244	rBV6	53767	174246	12.02%	0.738%
33	10.257	1252	1263	1269	rBV5	63858	158636	10.94%	0.672%
34	10.322	1269	1274	1284	rVB2	108946	226071	15.59%	0.957%

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35	10.422	1285	1291	1294	rBV6	22797	44550	3.07%	0.189%
36	10.475	1294	1300	1307	rVV2	372951	660232	45.53%	2.796%
37	10.539	1307	1311	1316	rVV	21617	31426	2.17%	0.133%
38	10.657	1327	1331	1342	rVB10	22421	73379	5.06%	0.311%
39	10.774	1345	1351	1352	rBV2	24878	39304	2.71%	0.166%
40	10.827	1352	1360	1365	rVB5	42920	120459	8.31%	0.510%
41	10.933	1372	1378	1384	rBV4	55495	115837	7.99%	0.491%
42	11.021	1384	1393	1394	rBV6	29645	71277	4.92%	0.302%
43	11.086	1395	1404	1411	rVV3	106797	286022	19.73%	1.211%
44	11.191	1417	1422	1426	rBV	59074	104305	7.19%	0.442%
45	11.262	1426	1434	1443	rVB3	83413	205398	14.17%	0.870%
46	11.438	1461	1464	1468	rVB2	20062	28638	1.98%	0.121%
47	11.555	1476	1484	1492	rVB4	100890	307902	21.24%	1.304%
48	11.638	1492	1498	1499	rBV4	45756	71970	4.96%	0.305%
49	11.661	1500	1502	1507	rVB2	41126	57916	3.99%	0.245%
50	11.738	1512	1515	1524	rVB2	29688	58942	4.07%	0.250%
51	11.843	1528	1533	1539	rBV	46518	84898	5.86%	0.360%
52	11.984	1549	1557	1562	rVV3	144641	306754	21.16%	1.299%
53	12.031	1562	1565	1569	rVB6	22723	30472	2.10%	0.129%
54	12.172	1584	1589	1599	rVB5	91070	215484	14.86%	0.913%
55	12.325	1600	1615	1620	rBV2	72790	247153	17.05%	1.047%
56	12.525	1644	1649	1659	rVB8	39377	98550	6.80%	0.417%
57	12.613	1659	1664	1667	rBV2	71924	129991	8.97%	0.550%
58	12.724	1679	1683	1689	rVB3	43756	91891	6.34%	0.389%
59	12.783	1689	1693	1699	rBV5	57153	96667	6.67%	0.409%
60	12.865	1703	1707	1710	rVV4	39970	66708	4.60%	0.282%
61	12.936	1714	1719	1728	rVB	637975	1161105	80.08%	4.917%
62	13.059	1728	1740	1748	rBV5	92505	338254	23.33%	1.432%
63	13.124	1748	1751	1758	rVB5	22236	47726	3.29%	0.202%
64	13.230	1762	1769	1772	rBV7	56268	129200	8.91%	0.547%
65	13.341	1784	1788	1795	rVB3	82079	139081	9.59%	0.589%
66	13.424	1797	1802	1808	rVB3	88410	176465	12.17%	0.747%
67	13.500	1809	1815	1821	rBV	949097	1449962	100.00%	6.140%
68	13.600	1827	1832	1838	rBV4	78819	151020	10.42%	0.640%
69	14.052	1900	1909	1915	rBV9	112711	315157	21.74%	1.335%
70	14.117	1916	1920	1923	rBV	86476	151567	10.45%	0.642%
71	14.146	1923	1925	1928	rVV4	78980	117208	8.08%	0.496%

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72	14.193	1928	1933	1939	rVB3	253452	501256	34.57%	2.123%
73	14.252	1939	1943	1950	rBV2	102027	192765	13.29%	0.816%
74	14.434	1970	1974	1978	rBV2	100920	167491	11.55%	0.709%
75	14.569	1993	1997	2000	rBV2	56254	90567	6.25%	0.384%
76	14.734	2020	2025	2035	rVB4	173078	416604	28.73%	1.764%
77	14.822	2035	2040	2044	rBV6	77514	169404	11.68%	0.717%
78	14.875	2044	2049	2051	rVV2	214941	354120	24.42%	1.500%
79	14.910	2052	2055	2061	rVB4	277326	419292	28.92%	1.776%
80	14.986	2064	2068	2072	rVB3	117401	169751	11.71%	0.719%
81	15.051	2072	2079	2089	rBV5	136190	397290	27.40%	1.682%
82	15.268	2112	2116	2124	rVB5	91778	154368	10.65%	0.654%
83	15.380	2130	2135	2139	rBV4	166785	293658	20.25%	1.244%
84	15.433	2141	2144	2148	rVB	114264	180908	12.48%	0.766%
85	15.550	2159	2164	2174	rVB3	263915	512273	35.33%	2.169%
86	15.691	2183	2188	2192	rBV4	273725	438626	30.25%	1.857%
87	15.732	2192	2195	2199	rVB3	112645	137485	9.48%	0.582%
88	16.290	2284	2290	2295	rBV2	577094	1051511	72.52%	4.453%
89	16.355	2297	2301	2306	rVB	481552	720254	49.67%	3.050%
90	16.637	2344	2349	2354	rVB3	164115	273713	18.88%	1.159%
91	16.807	2375	2378	2385	rVB6	86935	161860	11.16%	0.685%
92	16.966	2403	2405	2409	rVB3	79312	96900	6.68%	0.410%
93	17.389	2474	2477	2483	rVB3	125933	196451	13.55%	0.832%
94	17.612	2511	2515	2520	rVB3	218370	310727	21.43%	1.316%
95	17.776	2540	2543	2549	rVB	130829	211595	14.59%	0.896%
96	18.487	2661	2664	2667	rBV	80460	91779	6.33%	0.389%
97	19.733	2873	2876	2883	rVB	70628	90795	6.26%	0.384%
98	20.191	2949	2954	2966	rVB	1141144	1387531	95.69%	5.876%
99	21.883	3237	3242	3251	rVB	217154	372403	25.68%	1.577%
100	25.255	3805	3816	3831	rVB	126425	364018	25.11%	1.541%

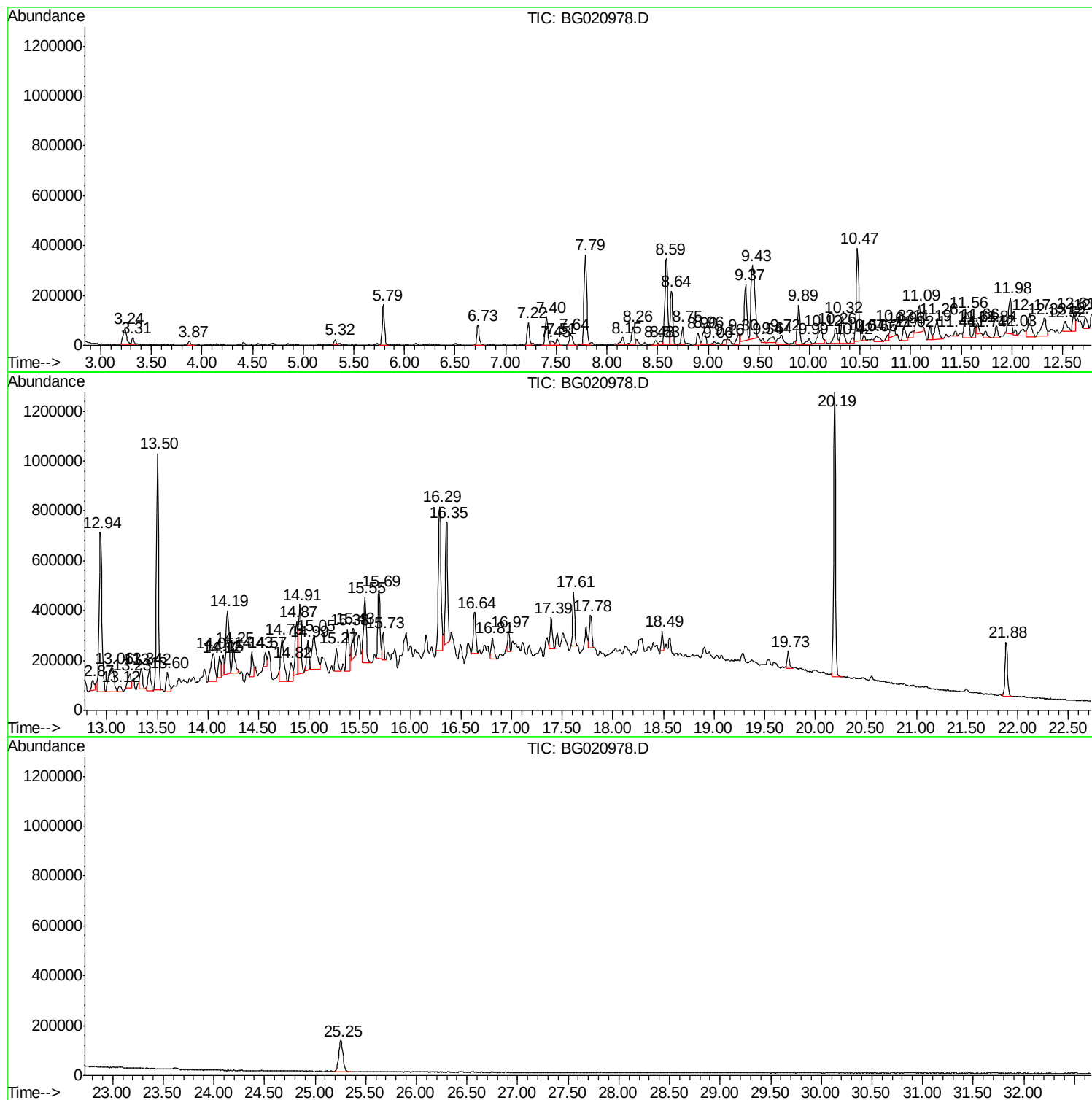
Sum of corrected areas: 23614596

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

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



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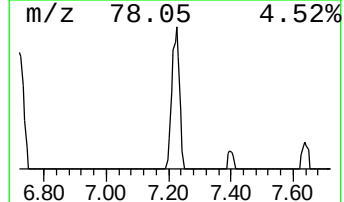
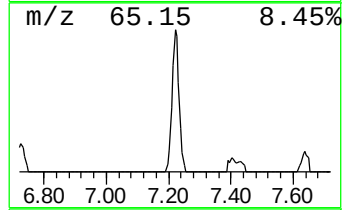
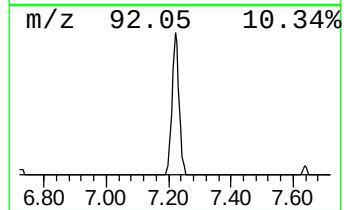
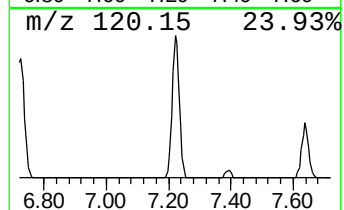
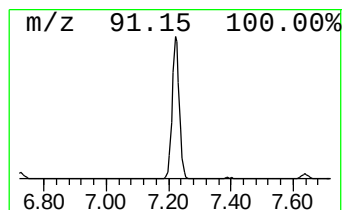
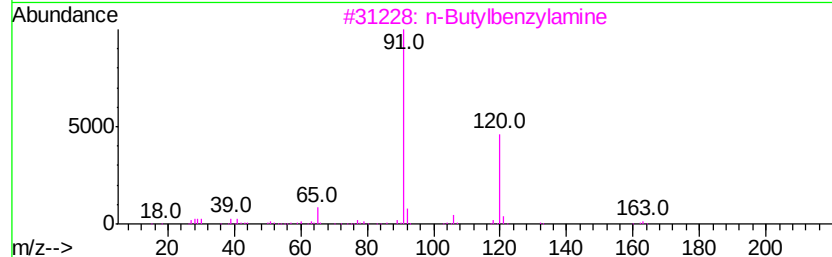
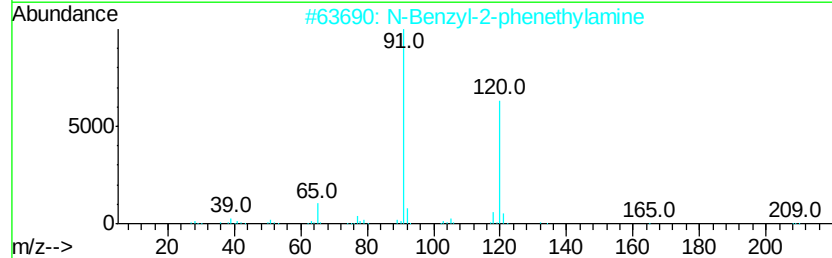
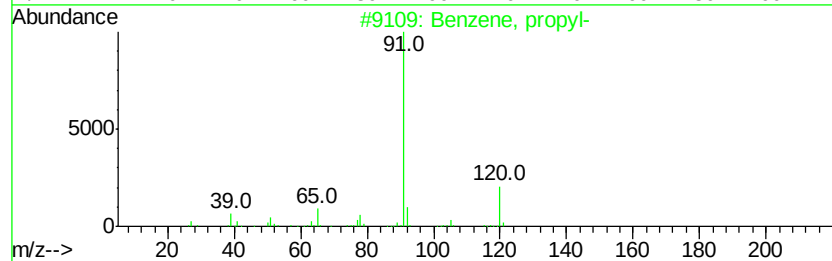
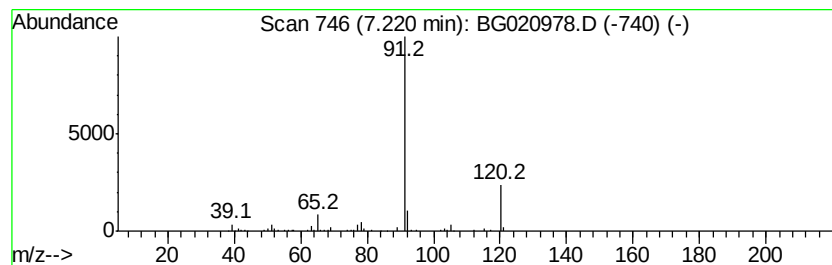
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	19.66 ng	151034	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
3		n-Butylbenzylamine	163	C11H17N	002403-22-7	64
4		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	59
5		1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	50



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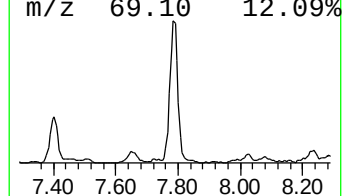
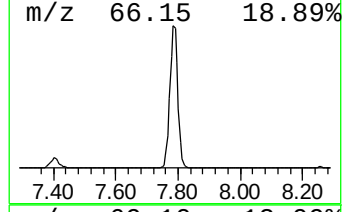
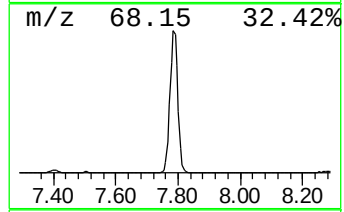
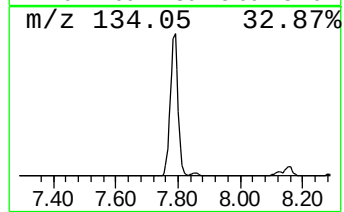
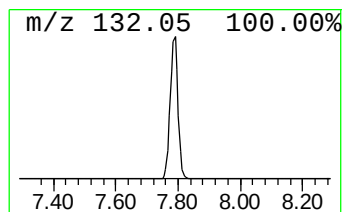
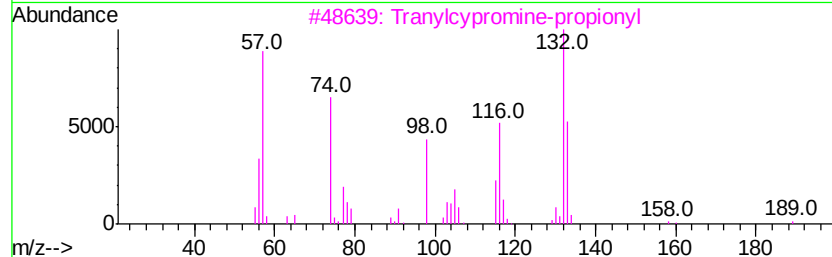
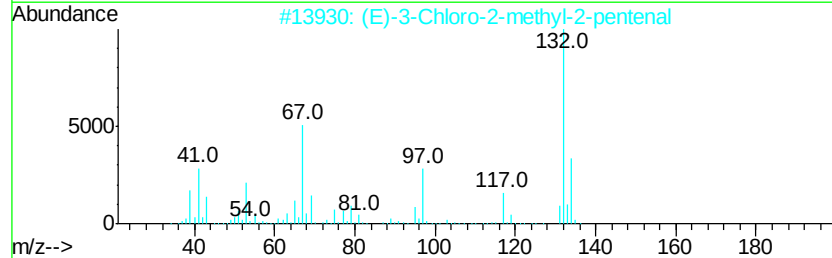
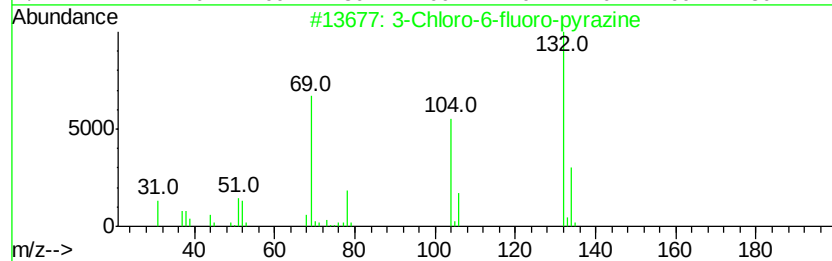
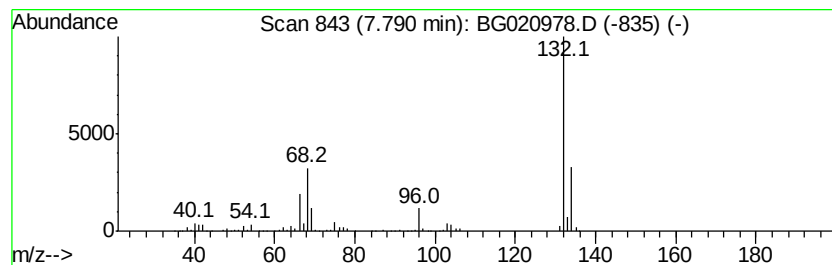
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	83.82 ng	643811	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	47
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	32
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Xenon	132	Xe	007440-63-3	9



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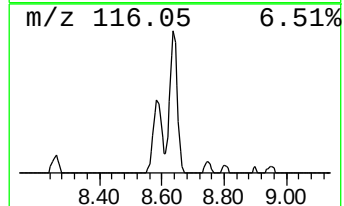
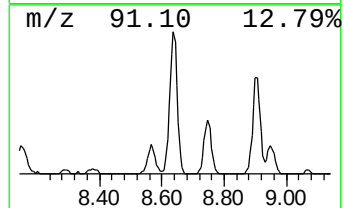
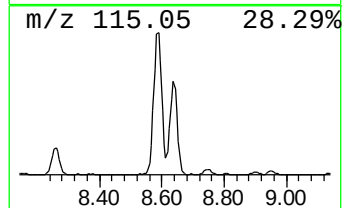
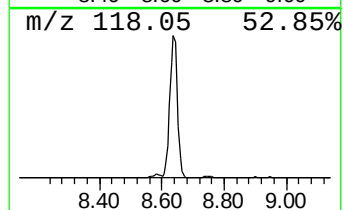
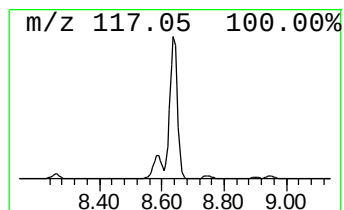
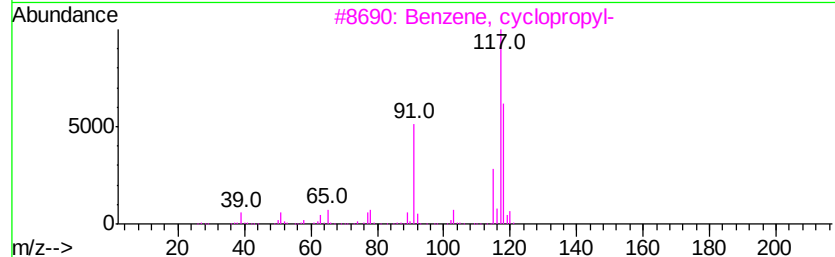
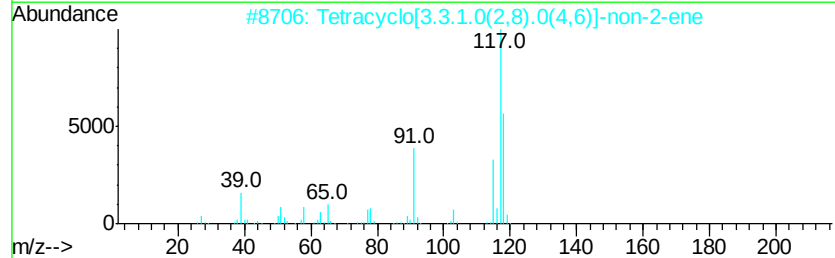
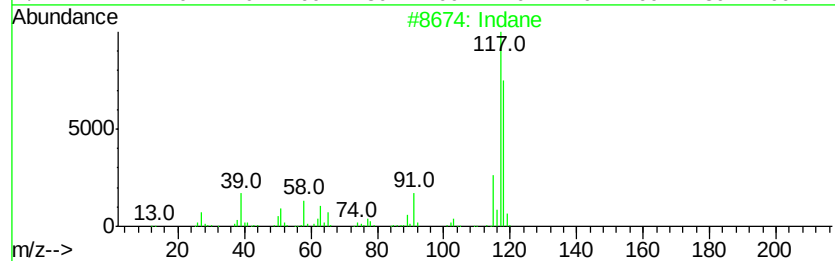
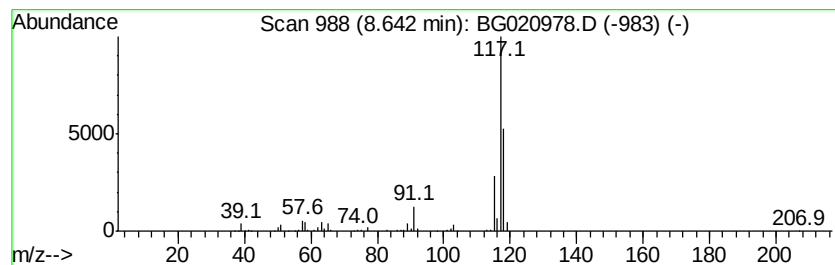
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Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	47.08 ng	361625	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4	Benzene, (chloromethyl)ethenyl-	152	C9H9Cl	030030-25-2	59
5	Indan, 1-methyl-	132	C10H12	000767-58-8	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

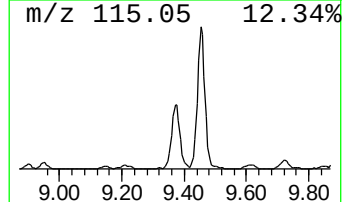
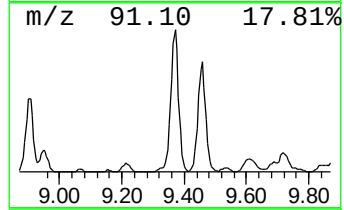
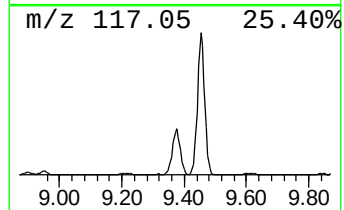
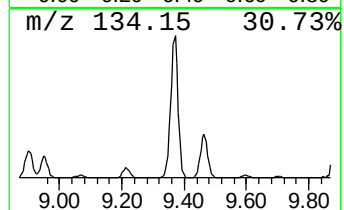
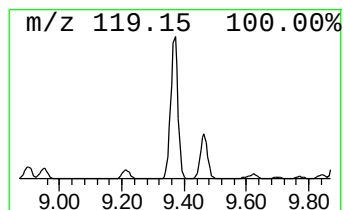
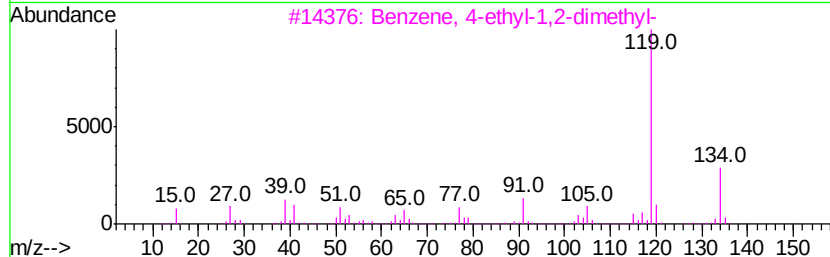
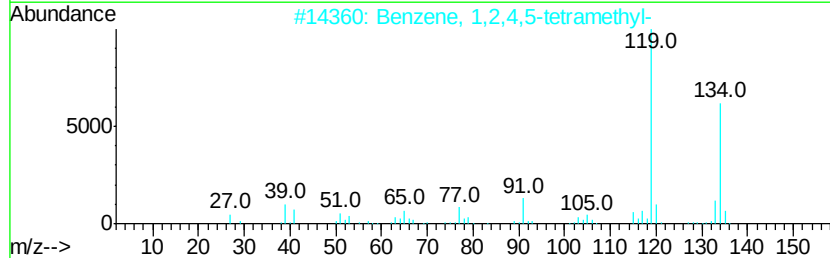
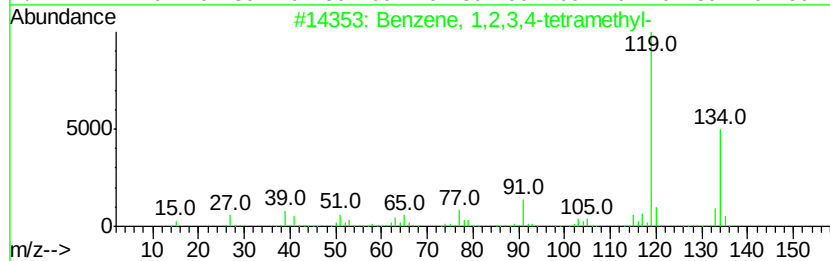
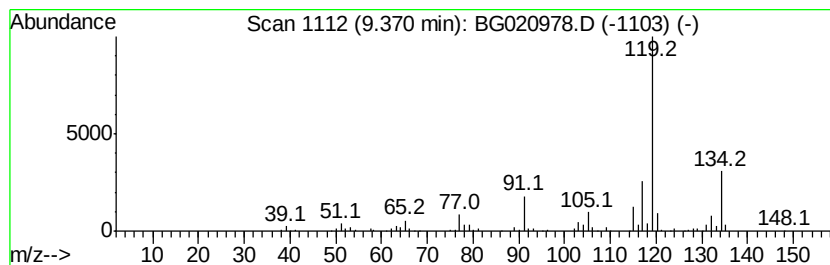
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	55.70 ng	427872	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
Operator : SJ/UM
Sample : H1509-07
Misc :
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Instrument :
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ClientSampleId :
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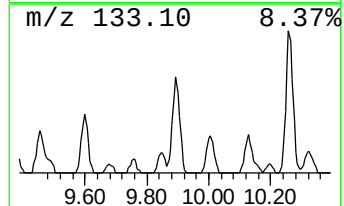
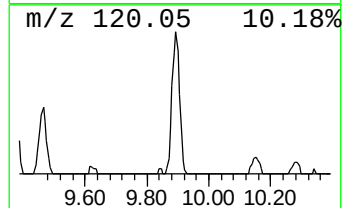
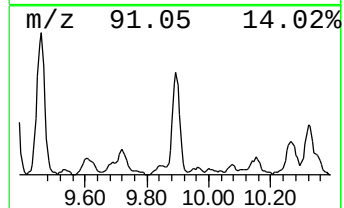
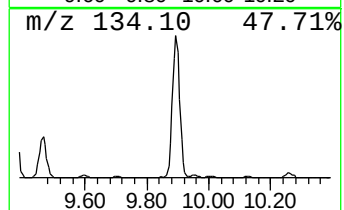
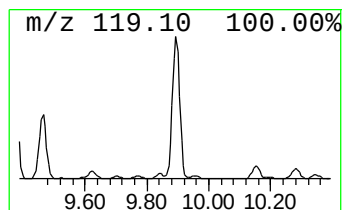
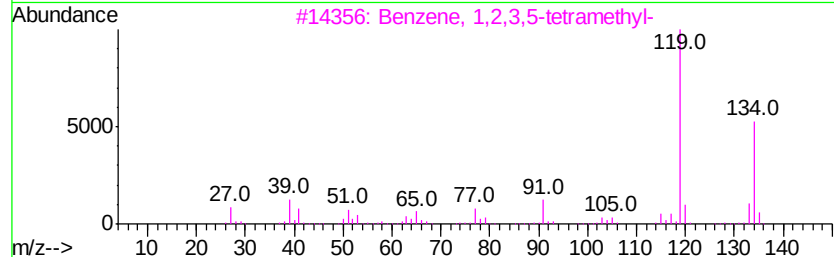
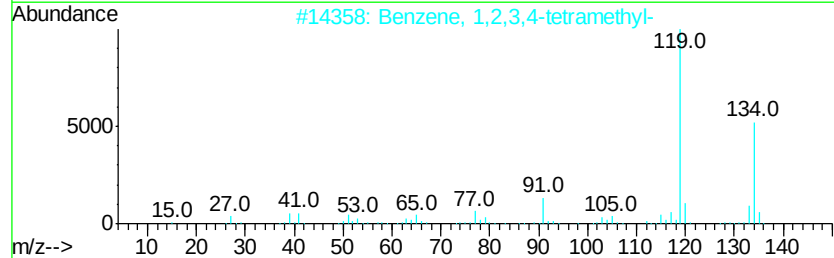
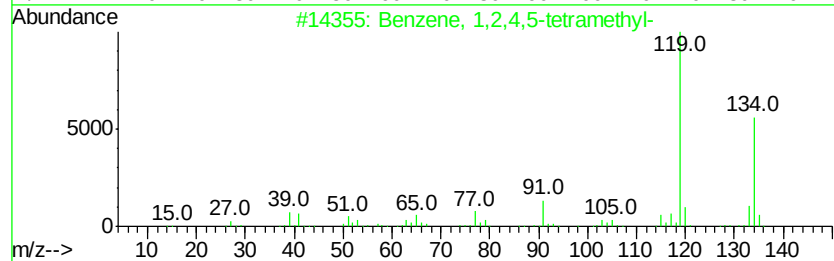
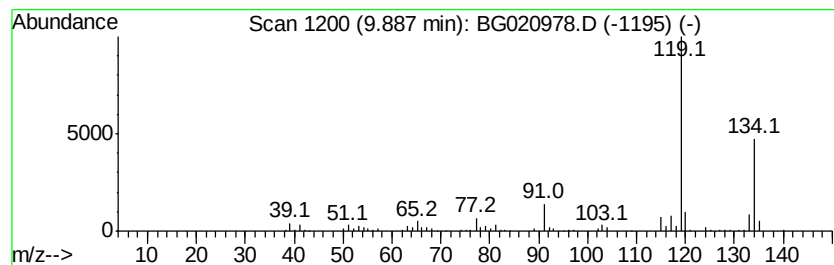
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	17.81 ng	254661	Napthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
Operator : SJ/UM
Sample : H1509-07
Misc :
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Instrument :
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ClientSampleId :
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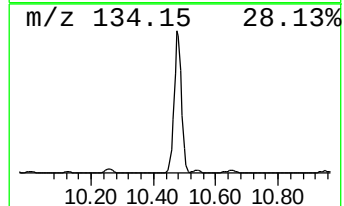
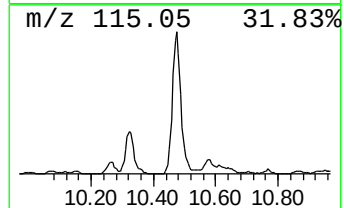
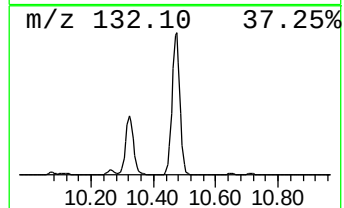
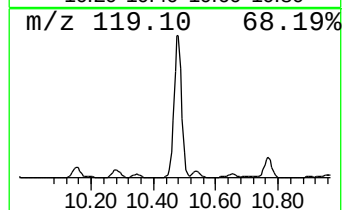
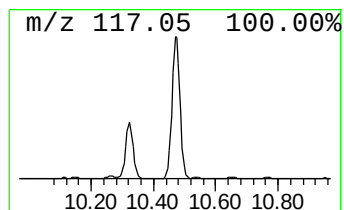
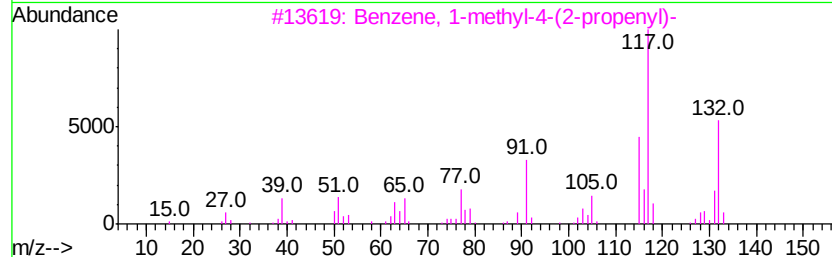
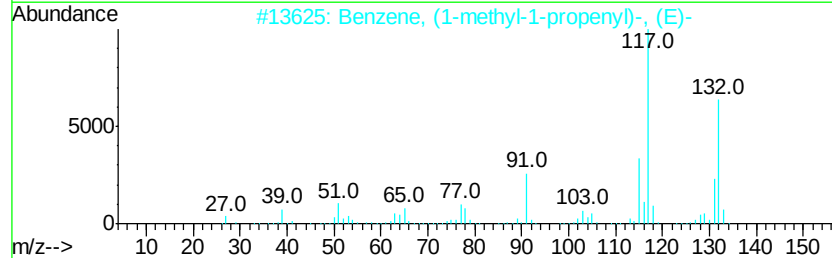
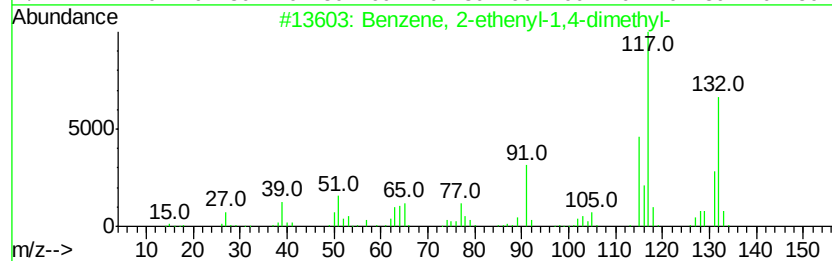
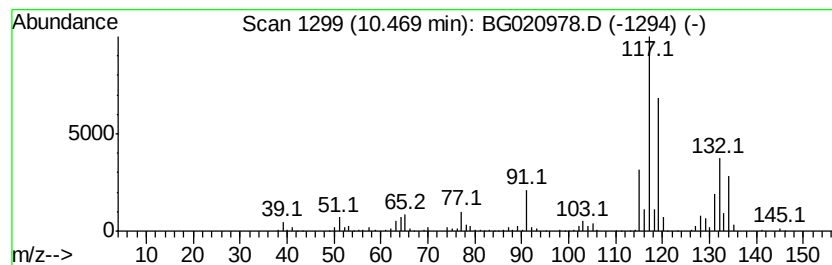
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	46.17 ng	660232	Napthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Acq On : 19 Feb 2016 18:56
Operator : SJ/UM
Sample : H1509-07
Misc :
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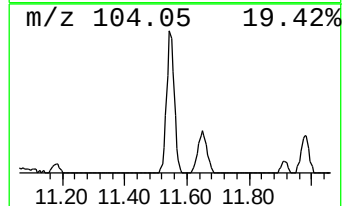
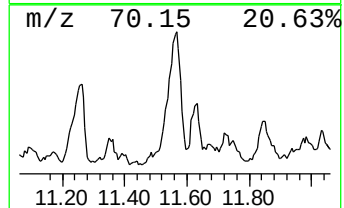
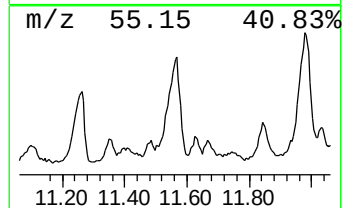
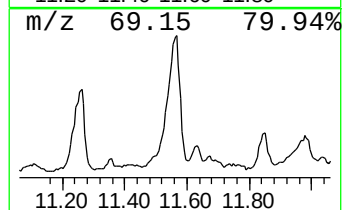
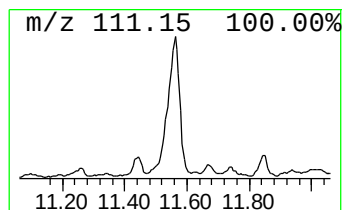
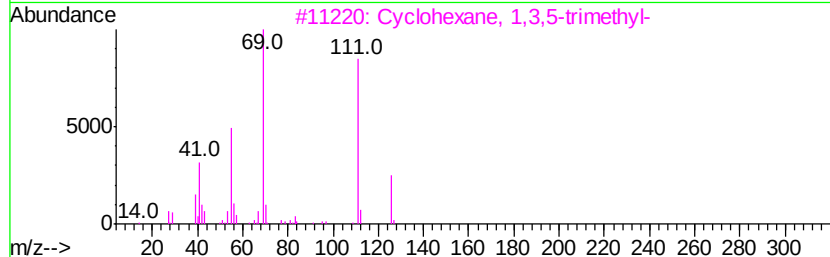
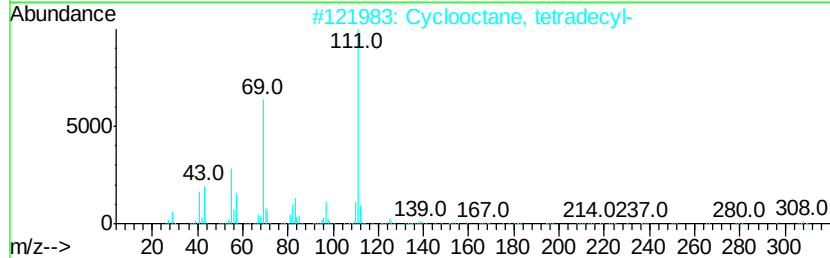
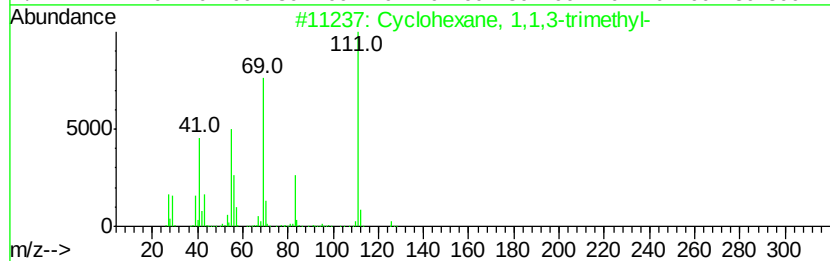
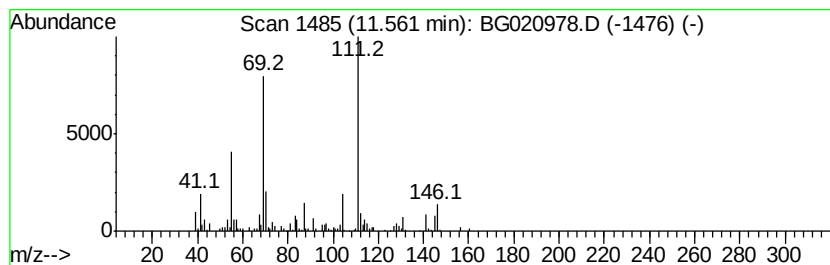
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.56	21.53 ng	307902	Naphthalene-d8	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
2	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	50
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	47
4	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	38
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
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Sample : H1509-07
Misc :
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Instrument :
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ClientSampleId :
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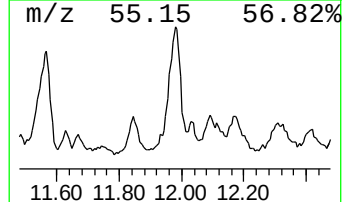
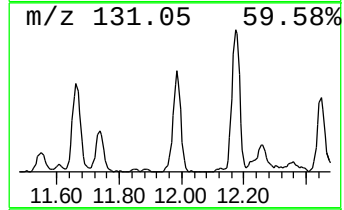
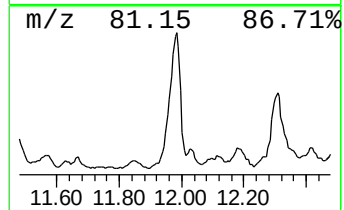
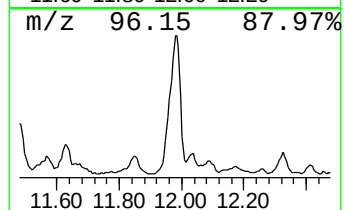
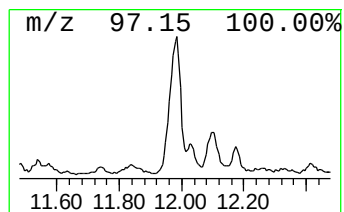
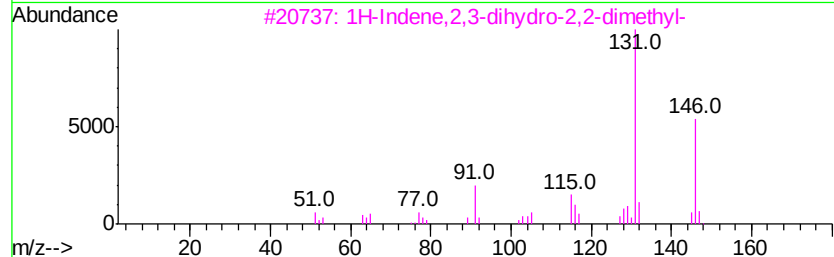
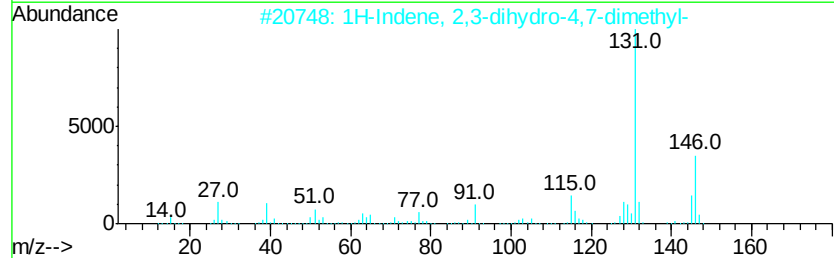
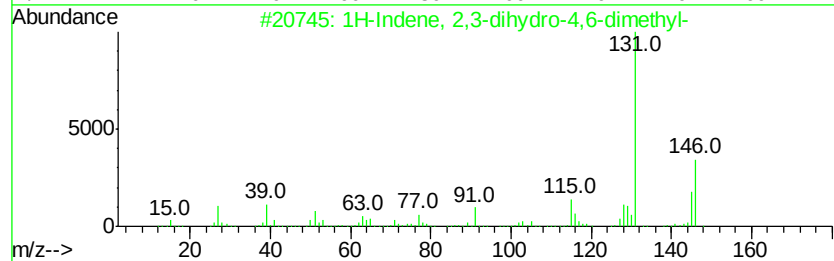
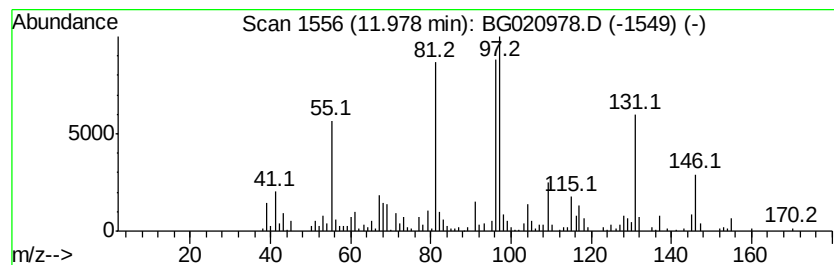
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	21.45 ng	306754	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	53
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53
3		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	35
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
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Operator : SJ/UM
Sample : H1509-07
Misc :
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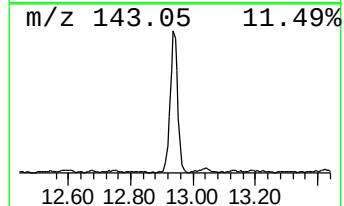
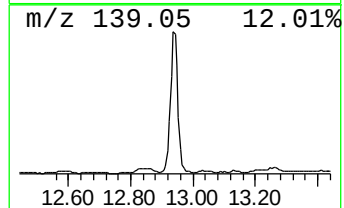
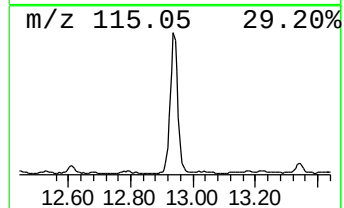
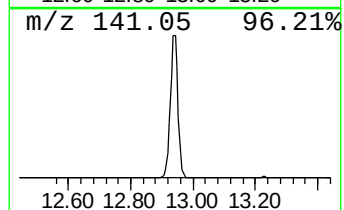
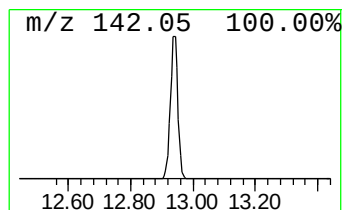
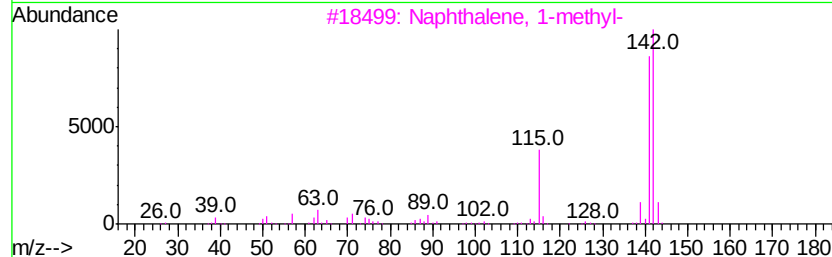
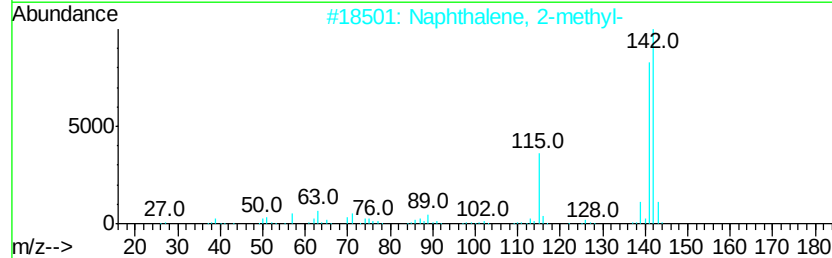
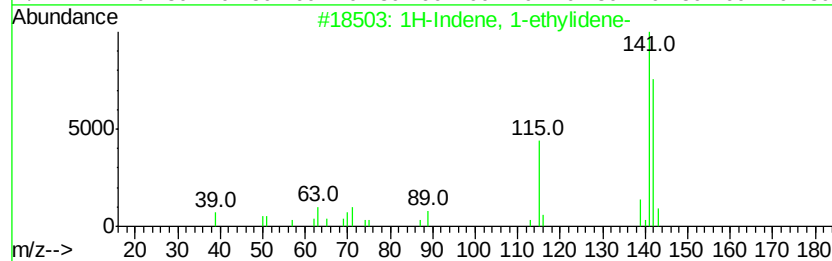
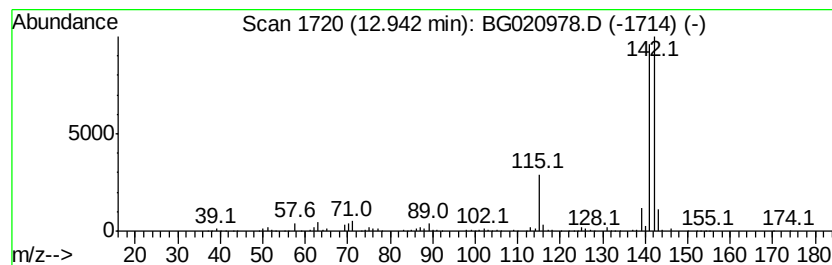
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 1-ethylidene- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.94	81.19 ng	1161110	Naphthalene-d8	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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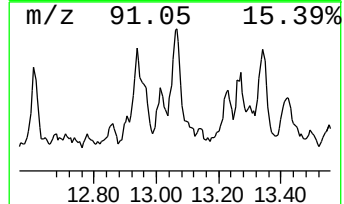
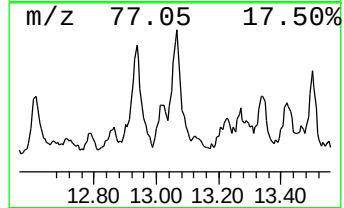
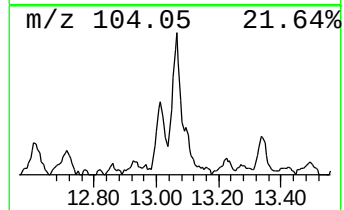
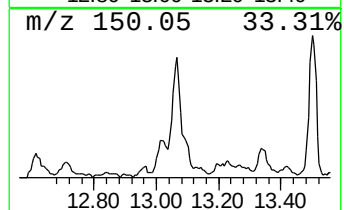
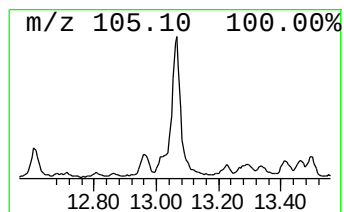
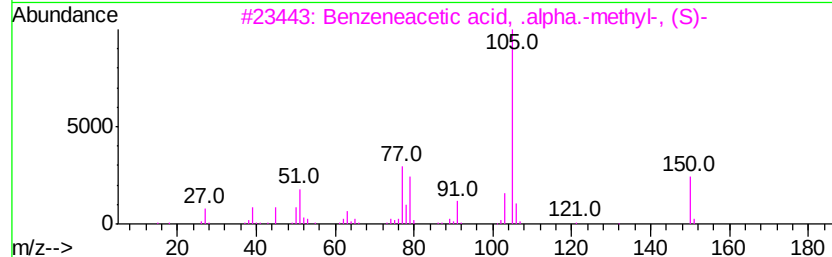
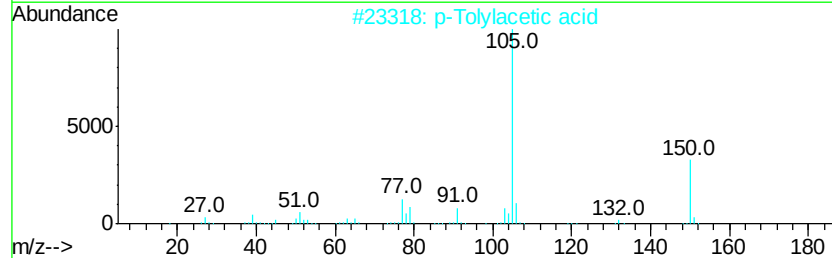
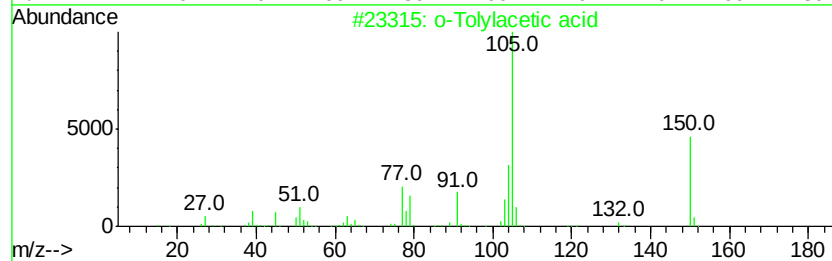
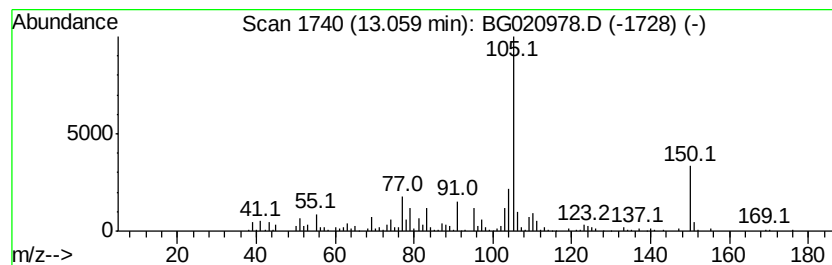
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MW-2

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 o-Tolylacetic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	19.10 ng	338254	Acenaphthene-d10	14.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Tolylacetic acid	150 C9H10O2	000644-36-0 91
2		p-Tolylacetic acid	150 C9H10O2	000622-47-9 60
3		Benzeneacetic acid, .alpha.-meth...	150 C9H10O2	007782-24-3 55
4		Benzeneacetic acid, .alpha.-methyl-	150 C9H10O2	000492-37-5 53
5		m-Tolylacetic acid	150 C9H10O2	000621-36-3 53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

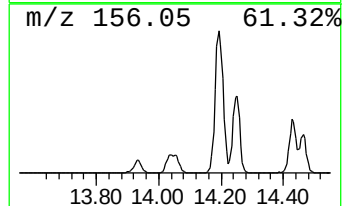
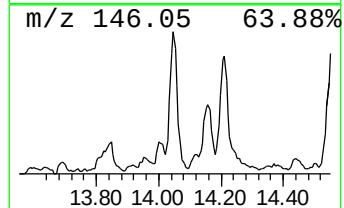
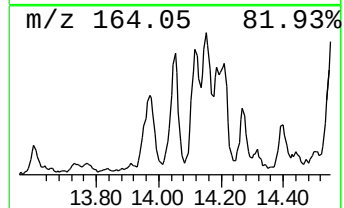
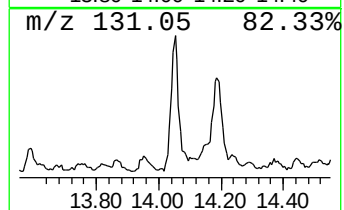
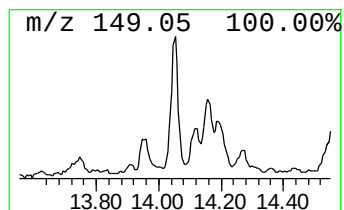
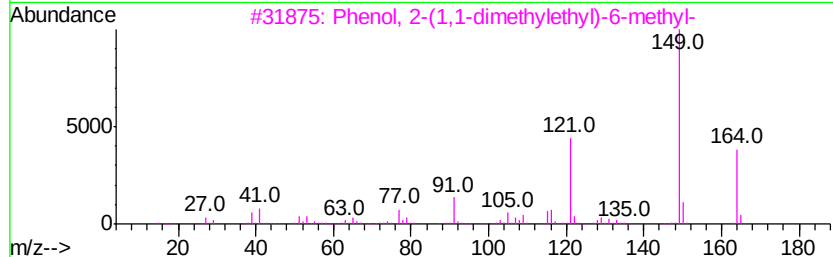
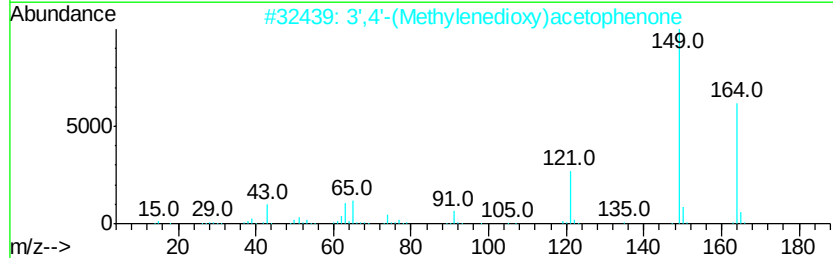
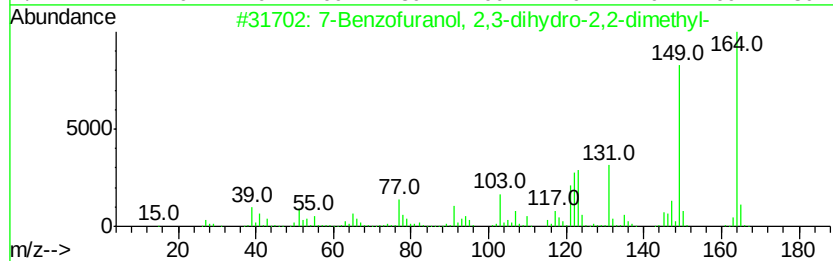
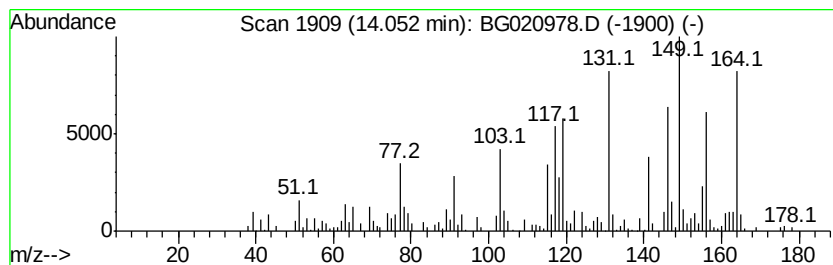
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	17.80 ng	315157	Acenaphthene-d10	14.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	7-Benzofuranol, 2,3-dihydro-2,2-...	164 C10H12O2	001563-38-8	38
2	3',4'-(Methylenedioxy)acetophenone	164 C9H8O3	003162-29-6	20
3	Phenol, 2-(1,1-dimethylethyl)-6-...	164 C11H16O	002219-82-1	18
4	p-Nitrostyrene	149 C8H7NO2	000100-13-0	18
5	Phenol, 2-(1,1-dimethylethyl)-3-...	164 C11H16O	013037-79-1	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Sample : H1509-07
Misc :
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Instrument :
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ClientSampleId :
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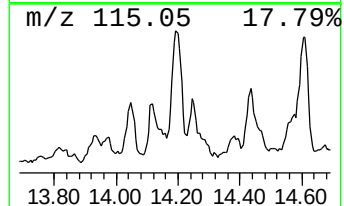
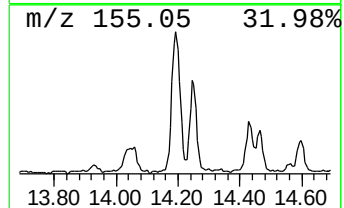
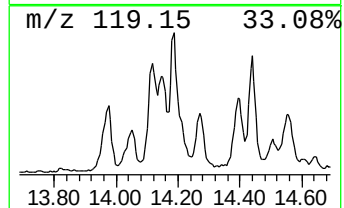
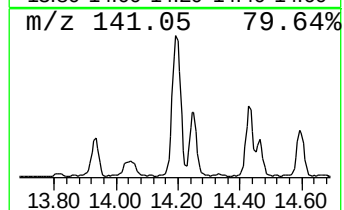
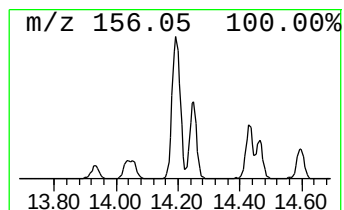
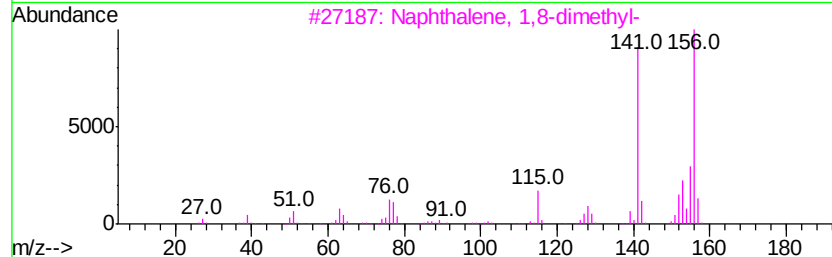
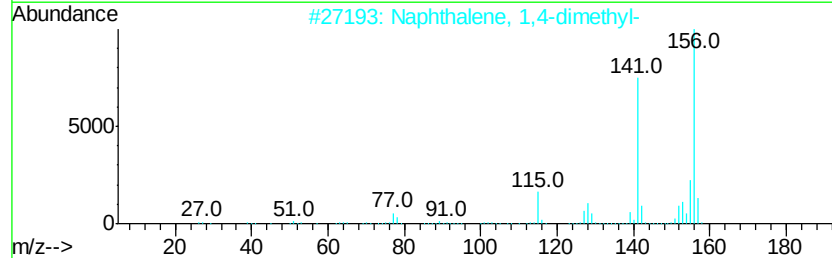
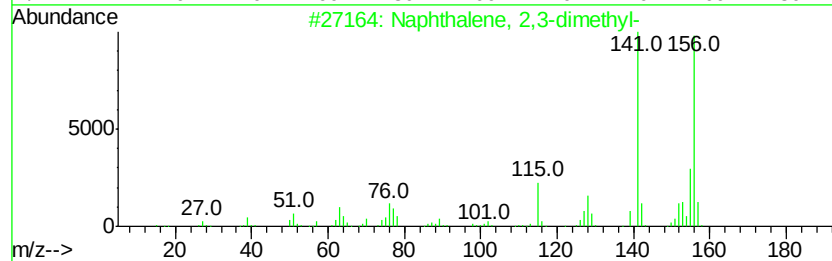
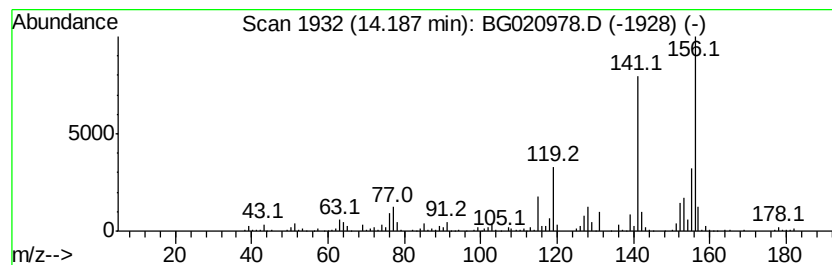
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	28.31 ng	501256	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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Acq On : 19 Feb 2016 18:56
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Sample : H1509-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

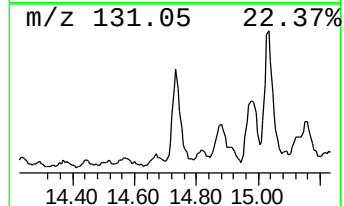
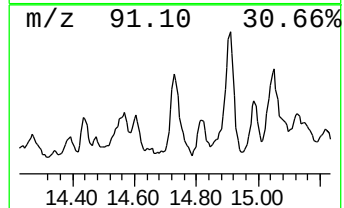
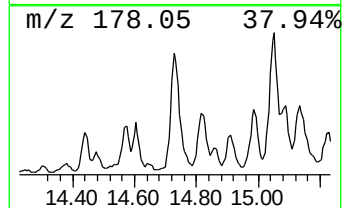
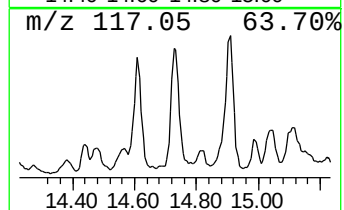
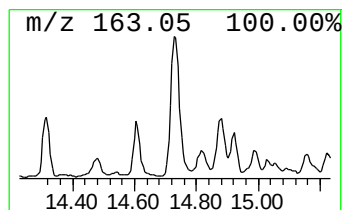
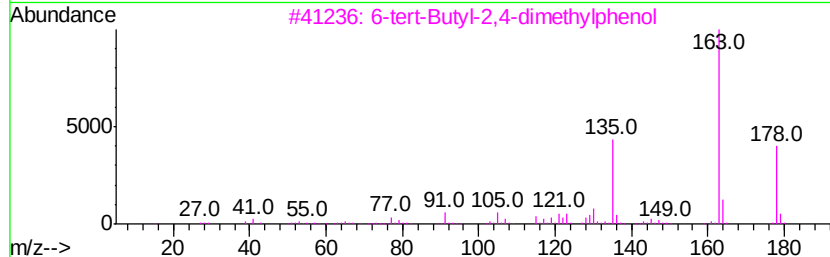
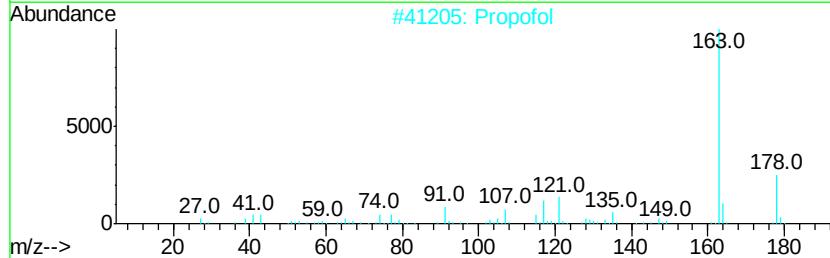
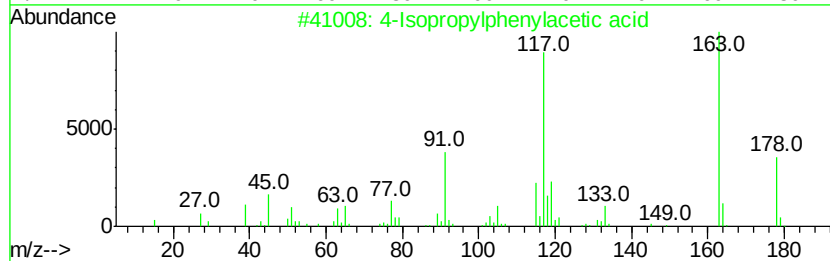
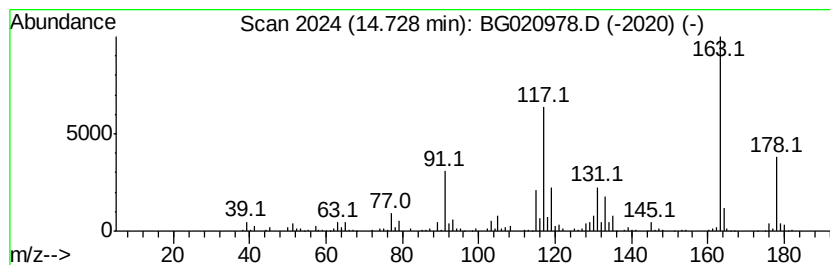
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4-Isopropylphenylacetic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	23.53 ng	416604	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	93
2		Propofol	178	C12H18O	002078-54-8	47
3		6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	46
4		4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	43
5		Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Sample : H1509-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2

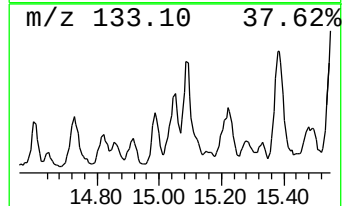
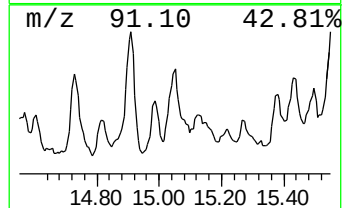
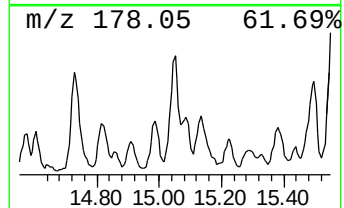
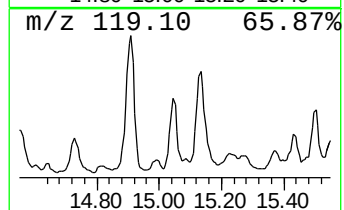
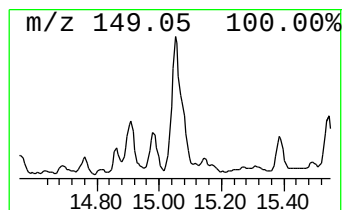
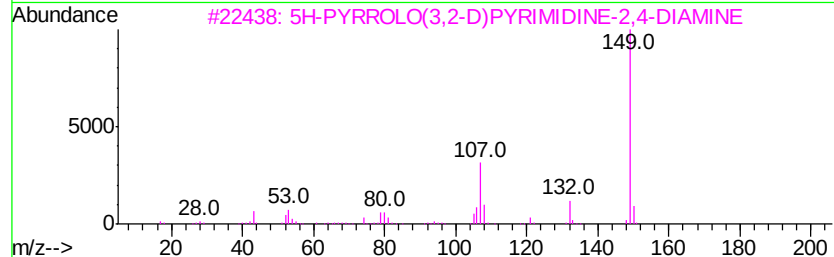
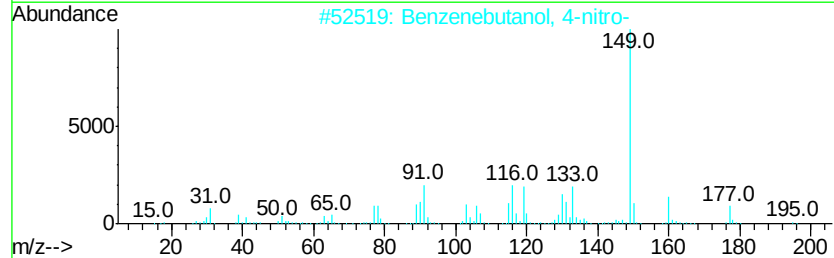
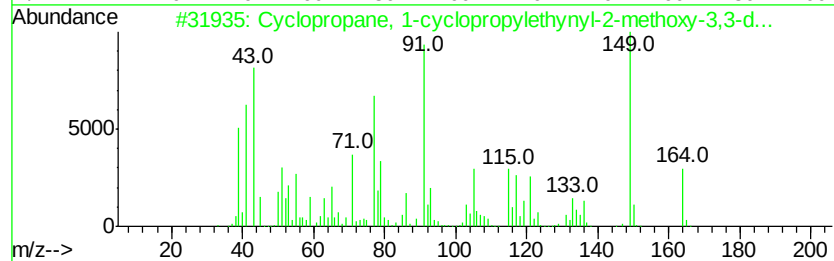
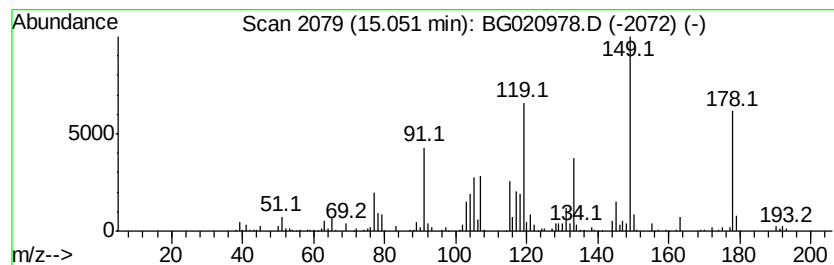
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	22.44 ng	397290	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1-cyclopropylethyn...	164	C11H16O	1000274-98-5	32
2		Benzenebutanol, 4-nitro-	195	C10H13NO3	079524-20-2	27
3		5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	22
4		4-Amino-2-methyl-5,6-trimethylen...	149	C8H11N3	076881-49-7	22
5		2-Methyl-4-phenylthiolane	178	C11H14S	058121-27-0	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
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Sample : H1509-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

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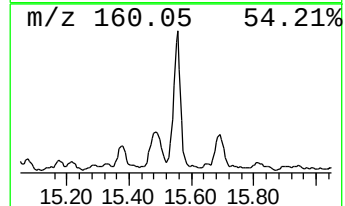
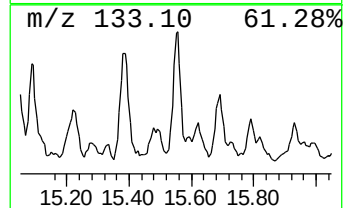
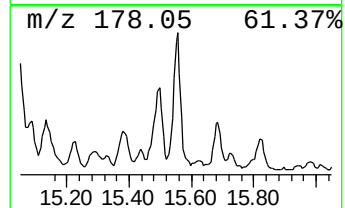
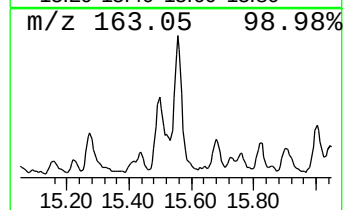
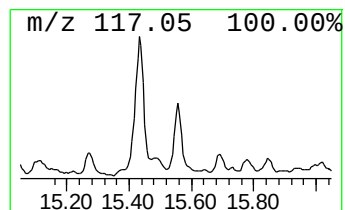
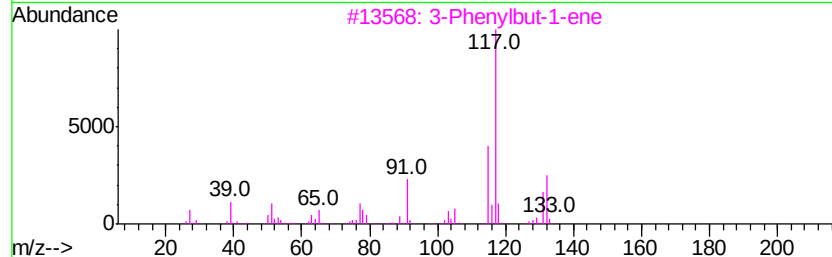
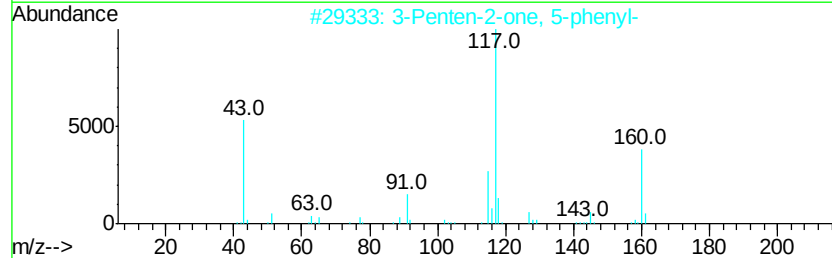
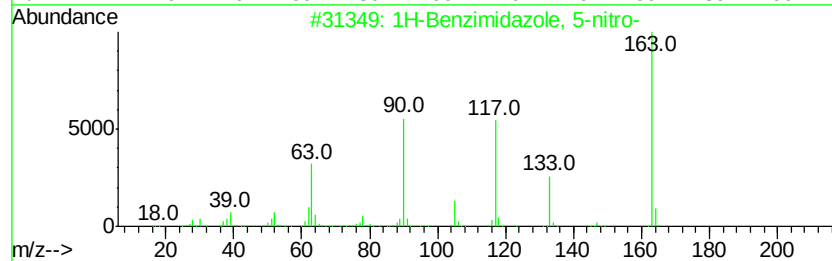
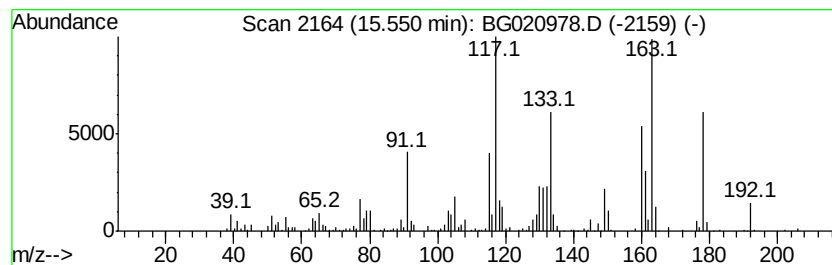
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.55 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	28.93 ng	512273	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	38
2		3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	35
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	35
4		p-Amidinobenzamide	163	C8H9N3O	054050-86-1	25
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	20



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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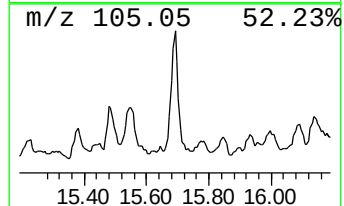
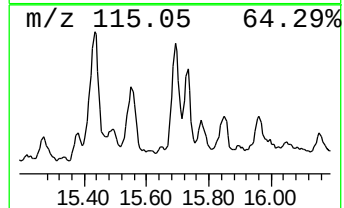
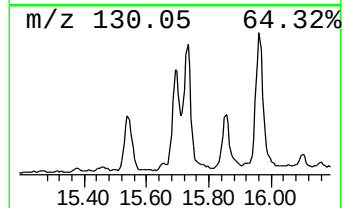
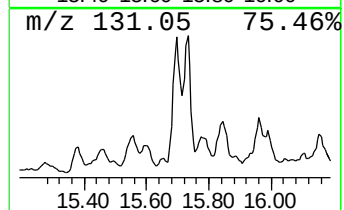
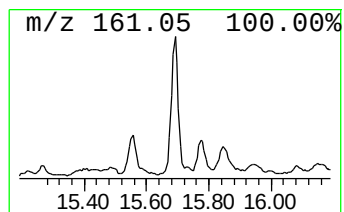
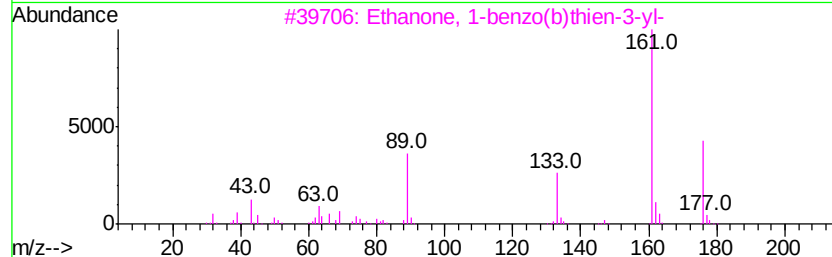
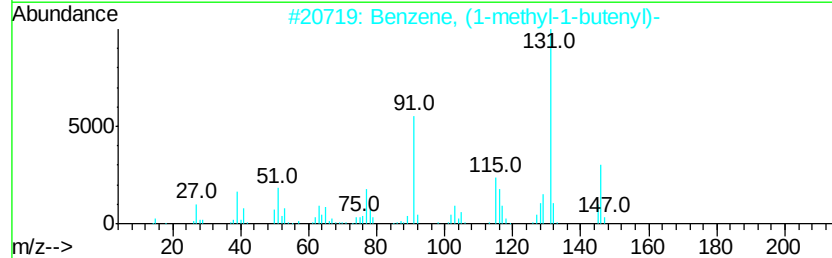
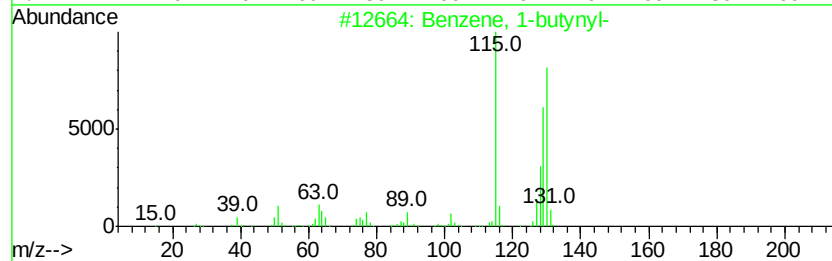
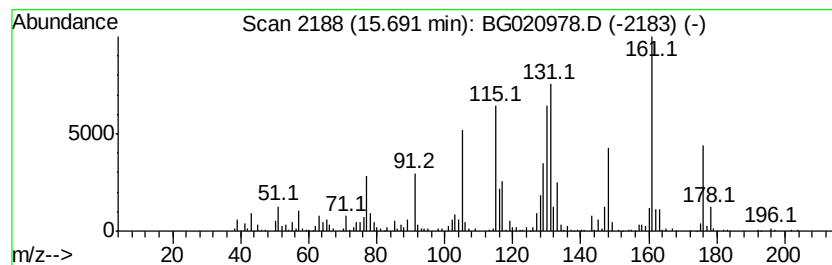
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-butyryl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	24.77 ng	438626	Acenaphthene-d10	14.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-butyryl-	130 C10H10	000622-76-4 53
2		Benzene, (1-methyl-1-butyryl)-	146 C11H14	053172-84-2 30
3		Ethanone, 1-benzo(b)thien-3-yl-	176 C10H8OS	001128-05-8 25
4		Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4 25
5		Indolizine, 6-methyl-	131 C9H9N	001761-11-1 20



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
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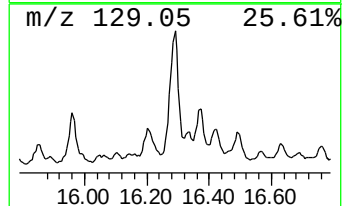
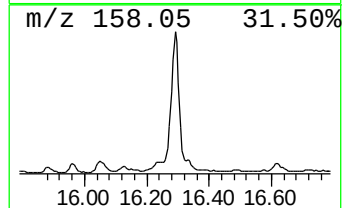
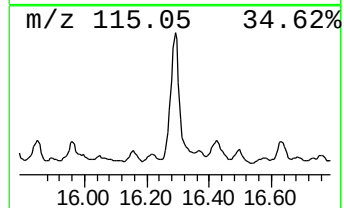
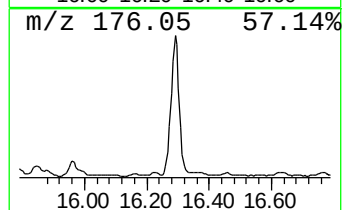
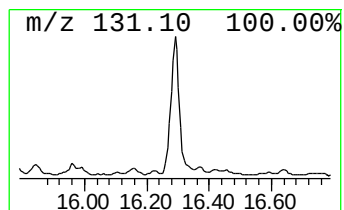
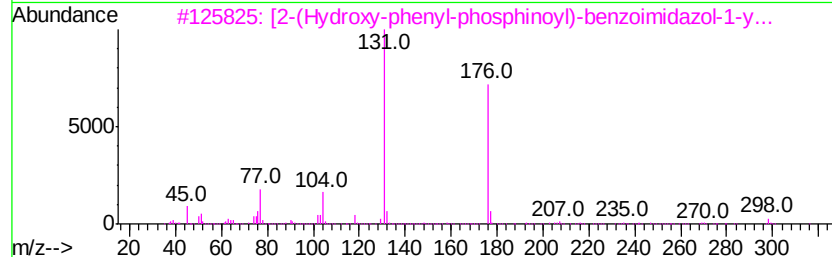
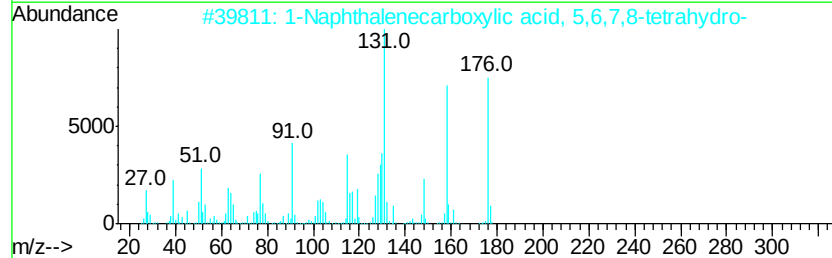
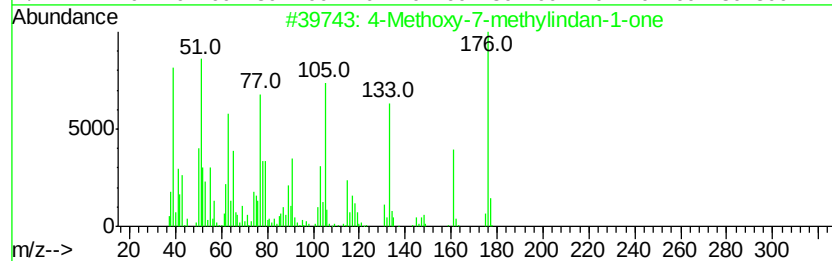
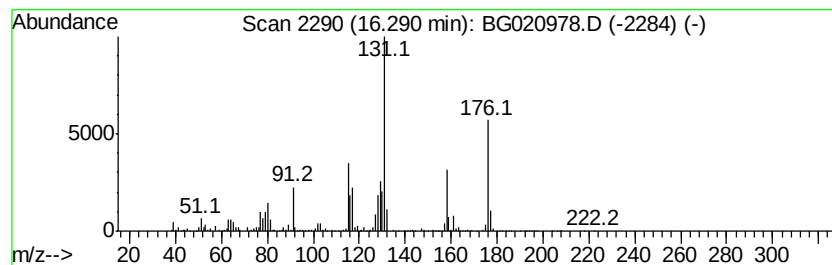
Instrument :
BNA_G
ClientSampleId :
MW-2

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 4-Methoxy-7-methylindan-1-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.29	67.68 ng	1051510	Phenanthrene-d10	17.61		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Methoxy-7-methylindan-1-one	176	C11H12O2	103988-25-6	90
2		1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	72
3		[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	47
4		2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	38
5		14-Aza-10,12-dioxatetracyclo[6.5...	217	C12H11NO3	1000127-22-0	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020978.D
Acq On : 19 Feb 2016 18:56
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

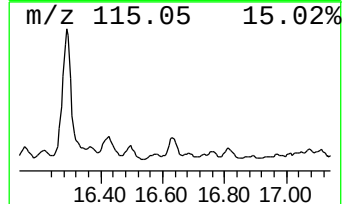
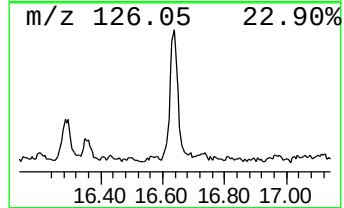
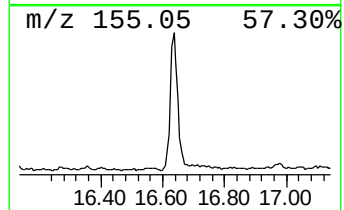
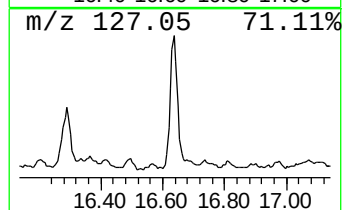
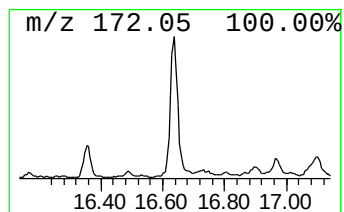
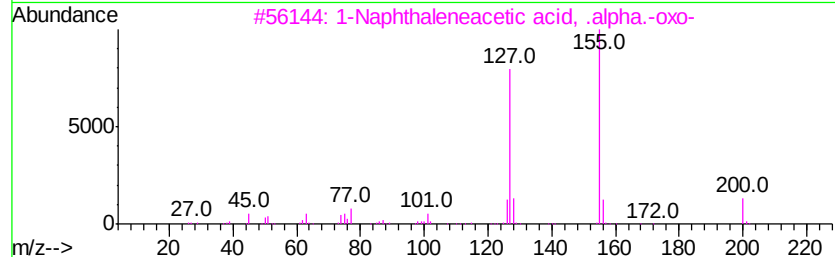
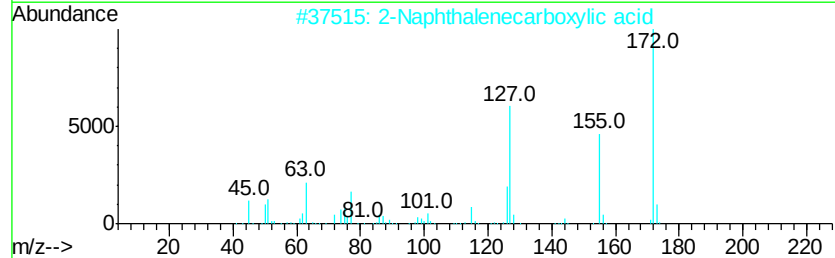
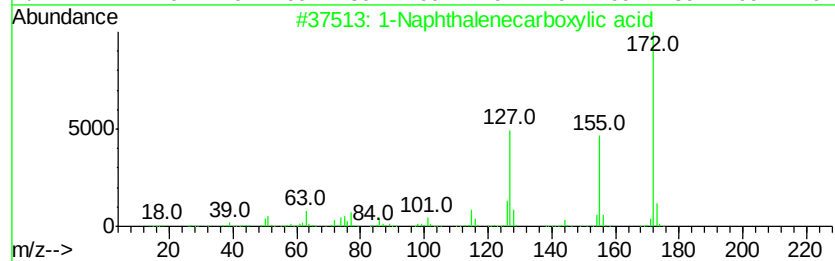
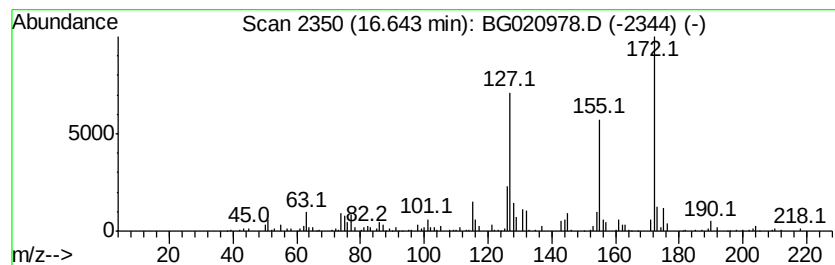
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Naphthalenecarboxylic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	17.62 ng	273713	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	95
2		2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93
3		1-Naphthaleneacetic acid, .alpha...	200	C12H8O3	026153-26-4	83
4		.beta.-Naphthamide	171	C11H9NO	002243-82-5	38
5		1-Naphthalenecarbonyl chloride	190	C11H7ClO	000879-18-5	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG020978.D
 Acq On : 19 Feb 2016 18:56
 Operator : SJ/UM
 Sample : H1509-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

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, propyl-	7.22	19.7	ng	151034	1	8.26	153624	20.0
unknown7.79	7.79	83.8	ng	643811	1	8.26	153624	20.0
Indane	8.64	47.1	ng	361625	1	8.26	153624	20.0
Benzene, 1,2,3,4-...	9.37	55.7	ng	427872	1	8.26	153624	20.0
Benzene, 1,2,4,5-...	9.89	17.8	ng	254661	2	11.09	286022	20.0
Benzene, 2-etheny...	10.47	46.2	ng	660232	2	11.09	286022	20.0
Cyclohexane, 1,1,...	11.56	21.5	ng	307902	2	11.09	286022	20.0
1H-Indene, 2,3-di...	11.98	21.4	ng	306754	2	11.09	286022	20.0
1H-Indene, 1-ethy...	12.94	81.2	ng	1161110	2	11.09	286022	20.0
o-Tolylacetic acid	13.06	19.1	ng	338254	3	14.87	354120	20.0
unknown14.05	14.05	17.8	ng	315157	3	14.87	354120	20.0
Naphthalene, 2,3-...	14.19	28.3	ng	501256	3	14.87	354120	20.0
4-Isopropylphenyl...	14.73	23.5	ng	416604	3	14.87	354120	20.0
unknown15.05	15.05	22.4	ng	397290	3	14.87	354120	20.0
unknown15.55	15.55	28.9	ng	512273	3	14.87	354120	20.0
Benzene, 1-butynyl-	15.69	24.8	ng	438626	3	14.87	354120	20.0
4-Methoxy-7-methy...	16.29	67.7	ng	1051510	4	17.61	310727	20.0
1-Naphthalenecarb...	16.64	17.6	ng	273713	4	17.61	310727	20.0