

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017259.D
 Acq On : 23 May 2015 1:01
 Operator : TP/IZ
 Sample : G2353-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE3-1

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

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.773	8	14	23	rBV2	66829	159934	3.03%	0.256%
2	2.855	23	28	44	rVB	302115	507397	9.61%	0.812%
3	4.988	384	391	398	rVB2	62778	98165	1.86%	0.157%
4	5.282	435	441	454	rVB	288643	452084	8.56%	0.724%
5	5.575	485	491	497	rBV	76680	120140	2.28%	0.192%
6	5.722	512	516	529	rVB4	47307	109418	2.07%	0.175%
7	5.957	549	556	564	rBV2	59720	94020	1.78%	0.151%
8	6.891	708	715	722	rBV	184108	321308	6.09%	0.514%
9	7.150	751	759	765	rVV5	48229	132740	2.51%	0.212%
10	7.226	766	772	785	rVB	522817	839205	15.89%	1.343%
11	7.508	813	820	826	rBV9	27288	79320	1.50%	0.127%
12	7.579	828	832	838	rVV4	28578	63517	1.20%	0.102%
13	7.679	838	849	854	rVV3	174395	414464	7.85%	0.663%
14	7.726	854	857	864	rVV8	31716	71272	1.35%	0.114%
15	7.796	864	869	875	rVB2	54429	96206	1.82%	0.154%
16	7.961	888	897	898	rBV5	32928	71927	1.36%	0.115%
17	8.002	898	904	910	rVV	534794	844694	16.00%	1.352%
18	8.149	926	929	936	rVB4	34120	66630	1.26%	0.107%
19	8.319	953	958	966	rBV6	48245	128847	2.44%	0.206%
20	8.448	972	980	982	rBV4	39020	75620	1.43%	0.121%
21	8.783	1028	1037	1041	rBV7	61666	156365	2.96%	0.250%
22	8.842	1041	1047	1056	rBV	442906	793110	15.02%	1.270%
23	9.036	1075	1080	1087	rVB5	72395	154104	2.92%	0.247%
24	9.112	1087	1093	1099	rVV5	111139	254938	4.83%	0.408%
25	9.183	1099	1105	1115	rVB4	114196	306208	5.80%	0.490%
26	9.306	1121	1126	1132	rBV4	79857	166133	3.15%	0.266%
27	9.365	1132	1136	1146	rVB2	92779	210860	3.99%	0.338%
28	9.588	1162	1174	1180	rBV6	138106	452592	8.57%	0.724%
29	9.647	1180	1184	1186	rBV2	49044	73113	1.38%	0.117%
30	9.829	1210	1215	1218	rBV4	56926	112383	2.13%	0.180%
31	9.876	1218	1223	1227	rVV2	209225	360915	6.84%	0.578%
32	9.982	1238	1241	1245	rBV3	63575	87853	1.66%	0.141%
33	10.176	1270	1274	1277	rBV2	42672	64451	1.22%	0.103%
34	10.335	1285	1301	1306	rBV7	224275	868078	16.44%	1.390%

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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35	10.470	1313	1324	1329	rBV3	324693	945496	17.91%	1.514%
36	10.517	1329	1332	1341	rVV6	200475	480595	9.10%	0.769%
37	10.593	1342	1345	1347	rVV2	56283	80321	1.52%	0.129%
38	10.634	1348	1352	1359	rVB3	279735	523531	9.92%	0.838%
39	10.693	1359	1362	1365	rBV2	41432	63843	1.21%	0.102%
40	10.787	1365	1378	1383	rVB5	276960	859031	16.27%	1.375%
41	10.846	1384	1388	1391	rBV6	56045	99340	1.88%	0.159%
42	10.887	1391	1395	1397	rBV4	53789	75717	1.43%	0.121%
43	11.004	1411	1415	1418	rBV6	71948	121654	2.30%	0.195%
44	11.057	1420	1424	1426	rBV4	111828	183975	3.48%	0.295%
45	11.139	1434	1438	1442	rBV5	159434	314021	5.95%	0.503%
46	11.257	1452	1458	1460	rBV7	54133	113524	2.15%	0.182%
47	11.333	1462	1471	1475	rVV2	264786	562271	10.65%	0.900%
48	11.386	1475	1480	1487	rVB3	261482	510625	9.67%	0.817%
49	11.504	1488	1500	1505	rBV5	590309	1597327	30.25%	2.557%
50	11.580	1511	1513	1519	rVB3	242657	291823	5.53%	0.467%
51	11.868	1558	1562	1567	rVB3	370529	618373	11.71%	0.990%
52	12.203	1611	1619	1626	rBV5	221562	692726	13.12%	1.109%
53	12.279	1626	1632	1638	rBV6	365497	810623	15.35%	1.298%
54	12.350	1638	1644	1650	rBV8	323382	931937	17.65%	1.492%
55	12.526	1667	1674	1681	rBV8	327750	883299	16.73%	1.414%
56	12.608	1682	1688	1696	rVB7	398670	1017043	19.26%	1.628%
57	12.679	1696	1700	1707	rBV9	202311	425519	8.06%	0.681%
58	12.743	1708	1711	1713	rBV	208027	288151	5.46%	0.461%
59	12.826	1722	1725	1729	rVB3	600081	841425	15.94%	1.347%
60	12.867	1729	1732	1736	rBV2	285052	368052	6.97%	0.589%
61	12.955	1743	1747	1751	rVB	1213233	1613756	30.56%	2.583%
62	13.002	1751	1755	1760	rVV4	319297	517870	9.81%	0.829%
63	13.061	1762	1765	1770	rVB5	219427	301196	5.70%	0.482%
64	13.143	1776	1779	1782	rBV4	145255	190881	3.62%	0.306%
65	13.490	1832	1838	1839	rBV3	415939	777262	14.72%	1.244%
66	13.660	1863	1867	1871	rVB	346942	503613	9.54%	0.806%
67	13.713	1872	1876	1880	rBV3	433698	720924	13.65%	1.154%
68	13.825	1891	1895	1898	rBV3	498447	623961	11.82%	0.999%
69	14.165	1949	1953	1961	rVB4	461457	885319	16.77%	1.417%
70	14.289	1965	1974	1979	rBV7	530510	1378721	26.11%	2.207%
71	14.342	1979	1983	1989	rVV3	319479	499694	9.46%	0.800%

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Stop Thrs : 0 Peak Location: TOP

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72	14.535	2010	2016	2021	rBV6	386631	1057481	20.03%	1.693%
73	14.735	2047	2050	2054	rVB3	834887	1133288	21.46%	1.814%
74	14.817	2061	2064	2067	rBV	394307	483028	9.15%	0.773%
75	15.094	2106	2111	2120	rVB6	642784	1651356	31.28%	2.643%
76	15.446	2166	2171	2174	rBV3	591239	1019546	19.31%	1.632%
77	15.552	2186	2189	2194	rVB5	526362	785475	14.88%	1.257%
78	15.599	2194	2197	2201	rVB2	557997	640114	12.12%	1.025%
79	15.705	2211	2215	2219	rVB4	363834	537295	10.18%	0.860%
80	15.799	2229	2231	2234	rBV3	222850	324576	6.15%	0.520%
81	15.840	2234	2238	2245	rVB3	1139219	2034412	38.53%	3.257%
82	15.904	2246	2249	2253	rBV	406112	571717	10.83%	0.915%
83	16.075	2274	2278	2284	rVB2	1092257	1644356	31.14%	2.632%
84	16.292	2311	2315	2321	rVB5	635459	1259817	23.86%	2.017%
85	16.598	2364	2367	2372	rVB2	625171	885854	16.78%	1.418%
86	16.903	2415	2419	2428	rBV3	462249	1248755	23.65%	1.999%
87	17.050	2439	2444	2448	rBV3	834012	1458365	27.62%	2.335%
88	17.085	2448	2450	2456	rVB2	430464	549959	10.42%	0.880%
89	17.209	2467	2471	2473	rBV	791552	1258127	23.83%	2.014%
90	17.303	2482	2487	2490	rBV3	1009193	1549048	29.34%	2.480%
91	17.338	2490	2493	2497	rVB	573496	725282	13.74%	1.161%
92	17.826	2569	2576	2586	rBV2	1800239	5279791	100.00%	8.452%
93	17.996	2602	2605	2607	rBV	375766	448404	8.49%	0.718%
94	18.125	2623	2627	2630	rVB	737401	974724	18.46%	1.560%
95	18.261	2647	2650	2653	rBV	238711	290810	5.51%	0.466%
96	19.054	2782	2785	2794	rVB3	278797	650058	12.31%	1.041%
97	19.289	2823	2825	2829	rBV2	158249	165740	3.14%	0.265%
98	19.718	2894	2898	2907	rVB	1704143	2179194	41.27%	3.488%
99	21.269	3158	3162	3167	rBV	443997	582390	11.03%	0.932%
100	23.525	3540	3546	3554	rVB2	291026	559205	10.59%	0.895%

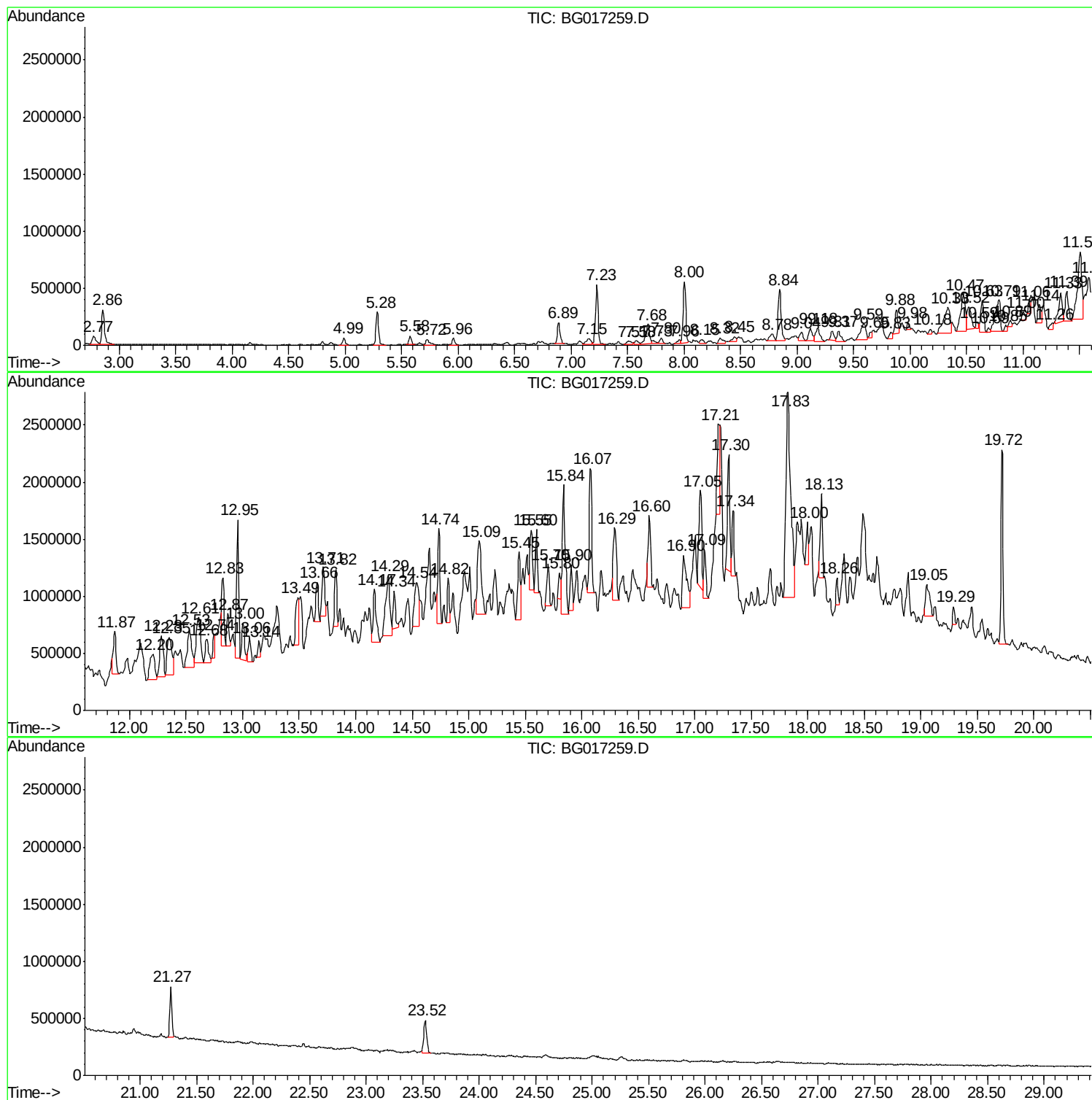
Sum of corrected areas: 62469617

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Instrument :
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ClientSampled :
VE3-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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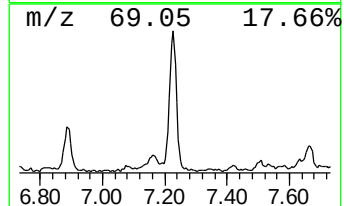
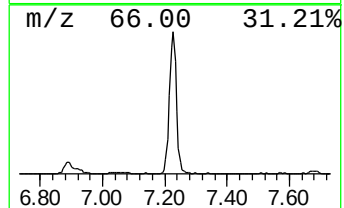
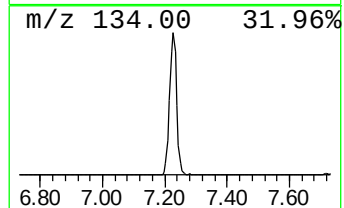
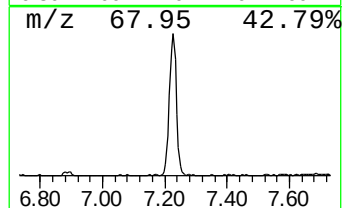
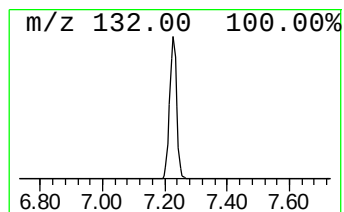
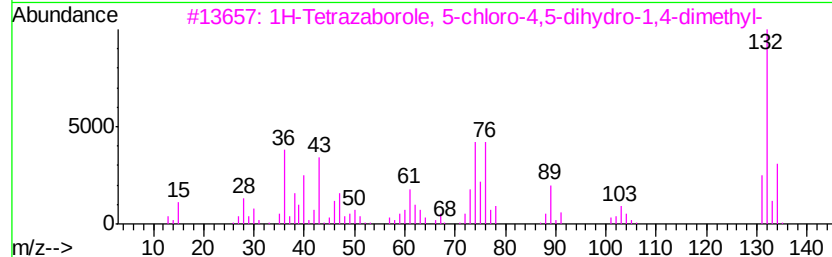
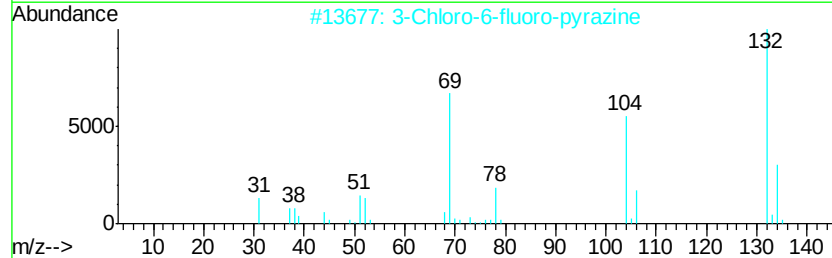
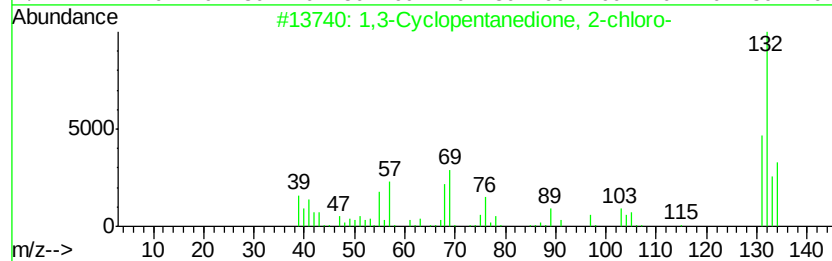
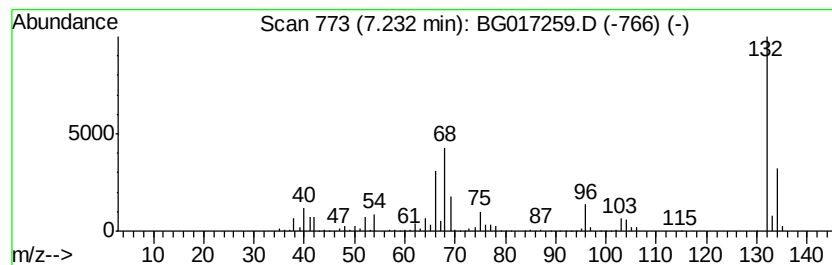
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.23 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	40.50 ng	839205	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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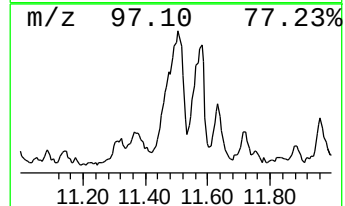
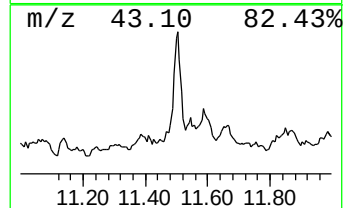
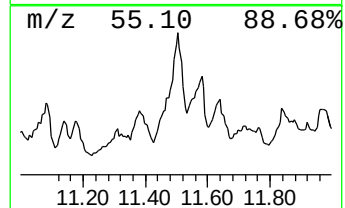
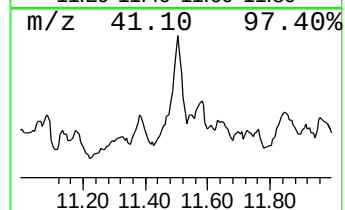
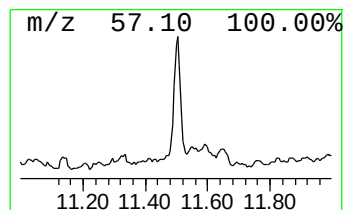
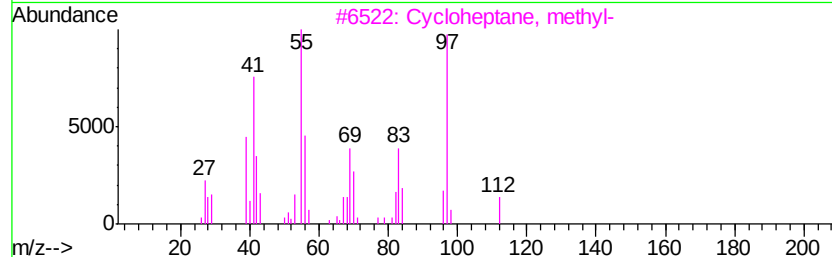
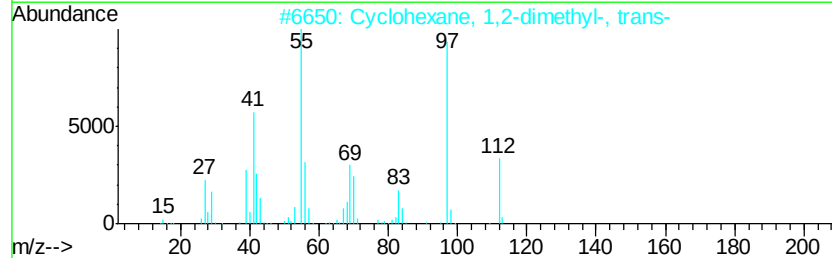
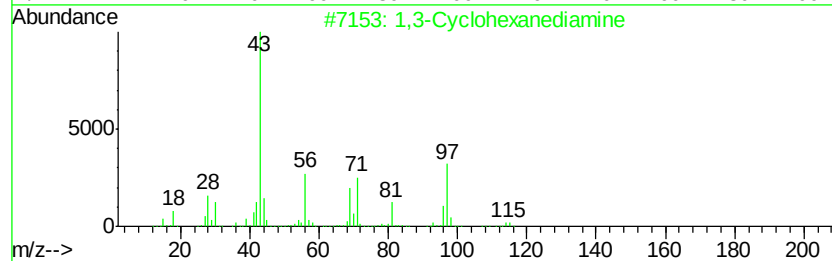
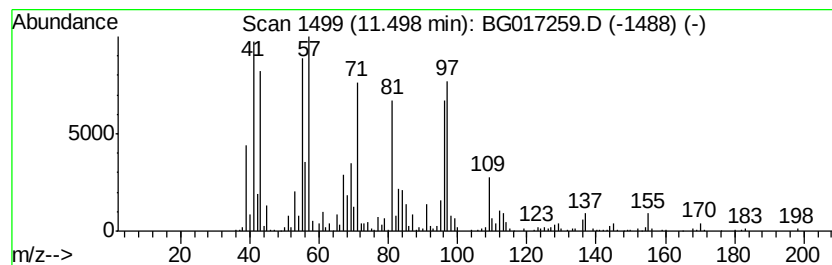
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1,3-Cyclohexanediamine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	33.79 ng	1597330	Napthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	53
2		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	42
3		Cycloheptane, methyl-	112	C8H16	004126-78-7	38
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
5		Decane, 2-methyl-	156	C11H24	006975-98-0	35



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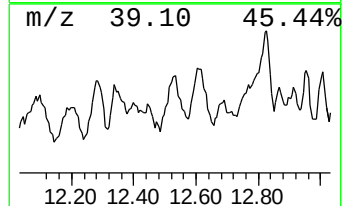
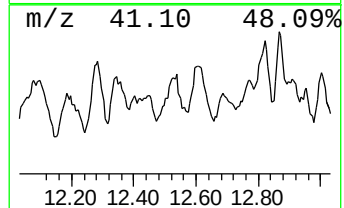
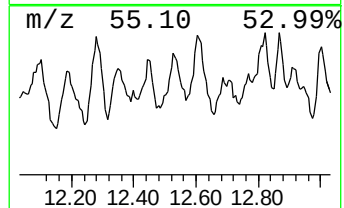
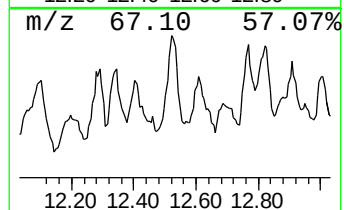
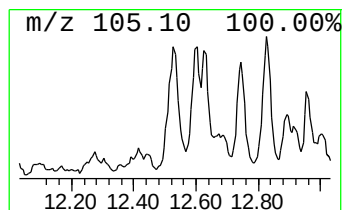
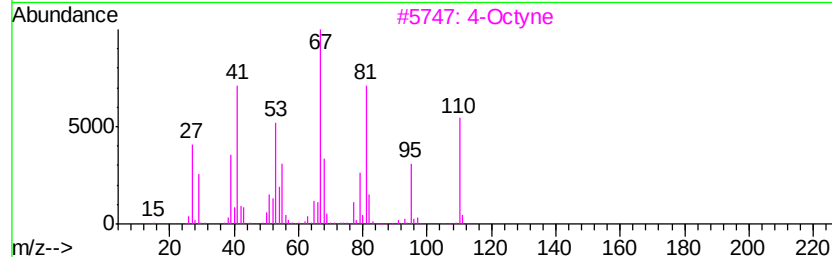
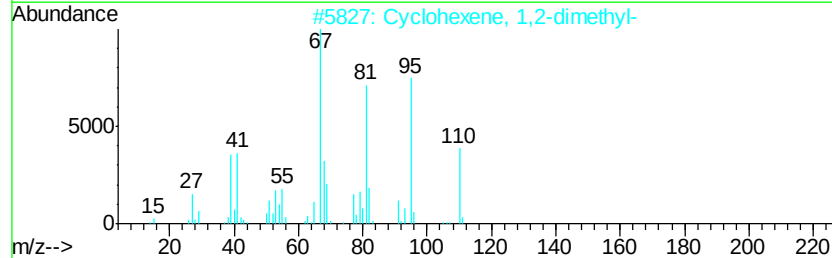
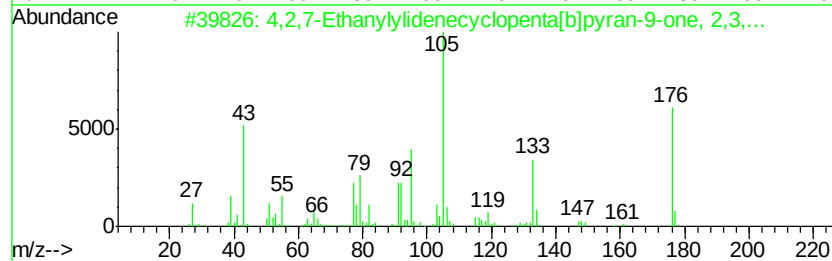
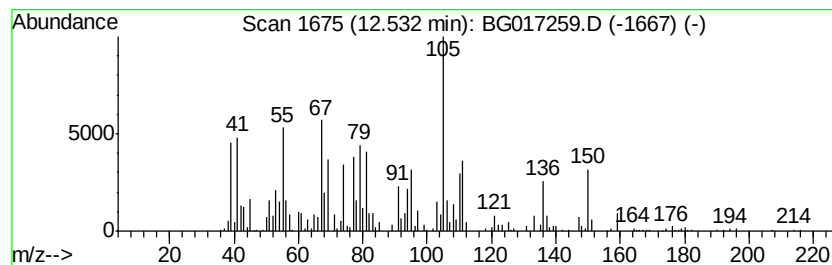
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown12.53 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	35.35 ng	883299	Acenaphthene-d10	14.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,2,7-Ethanylylidenecyclopenta[b...	176	C11H12O2	070220-97-2	38
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
3	4-Octyne	110	C8H14	001942-45-6	30
4	2,4-Hexadienoic acid, methyl ester	126	C7H10O2	001515-80-6	27
5	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE3-1

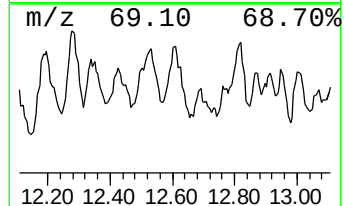
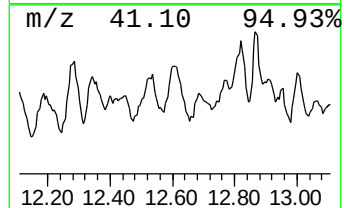
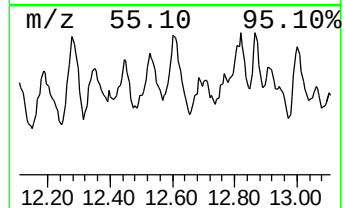
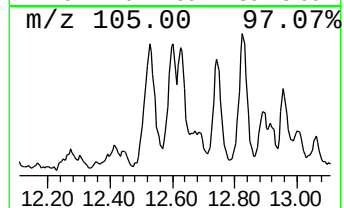
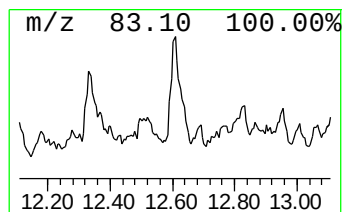
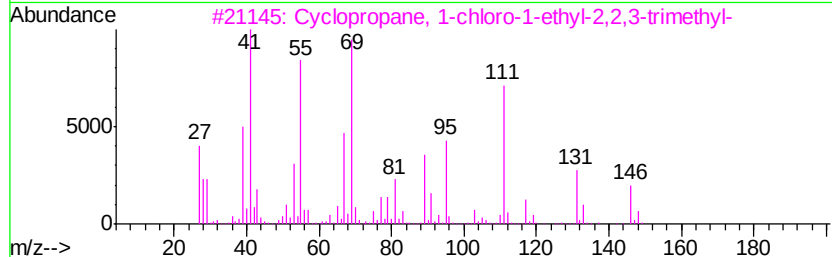
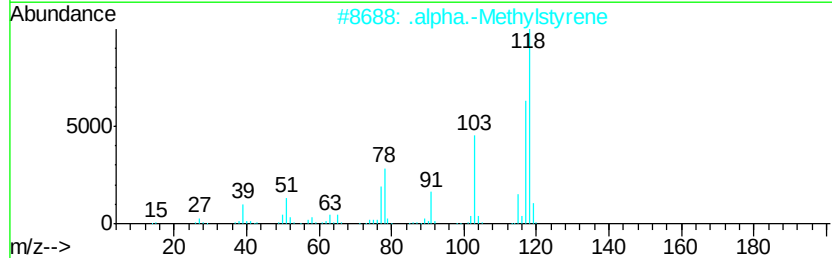
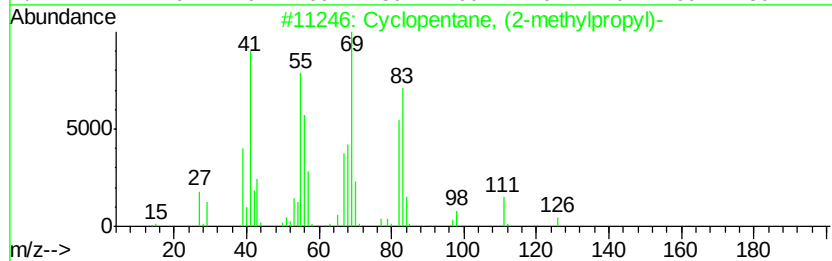
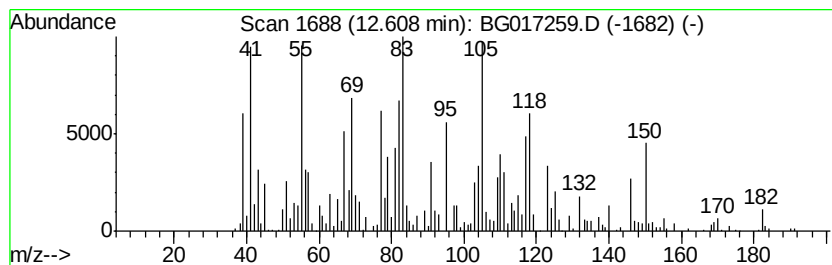
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown12.61 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	40.71 ng	1017040	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	15
2		.alpha.-Methylstyrene	118	C9H10	000098-83-9	11
3		Cyclopropane, 1-chloro-1-ethyl-2...	146	C8H15Cl	061142-56-1	11
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	11
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
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Misc :
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ClientSampleId :
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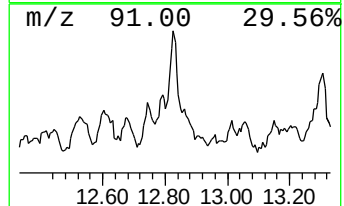
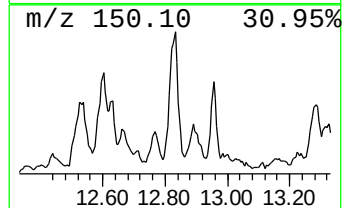
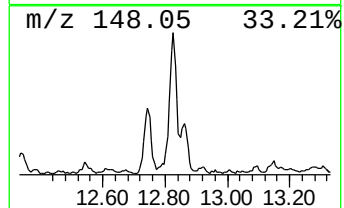
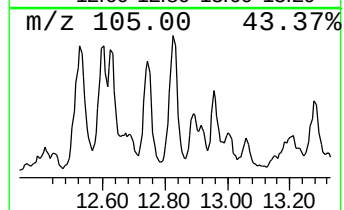
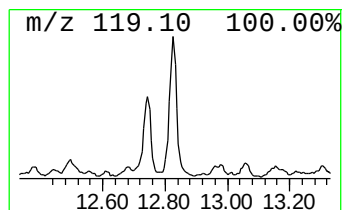
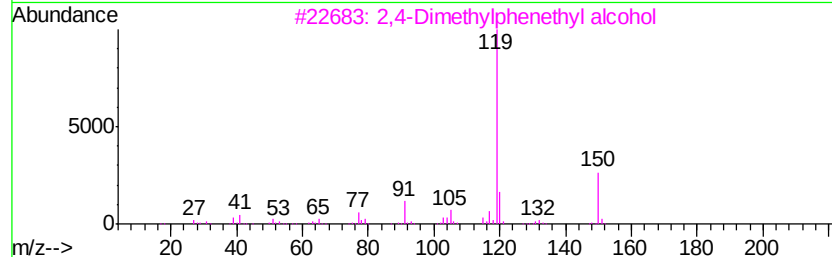
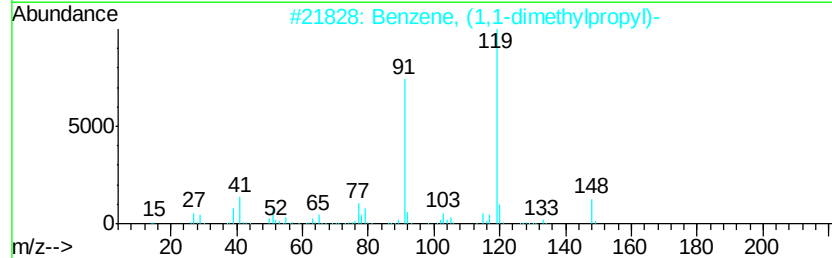
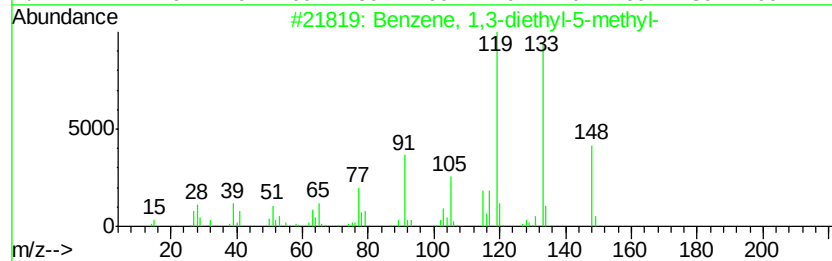
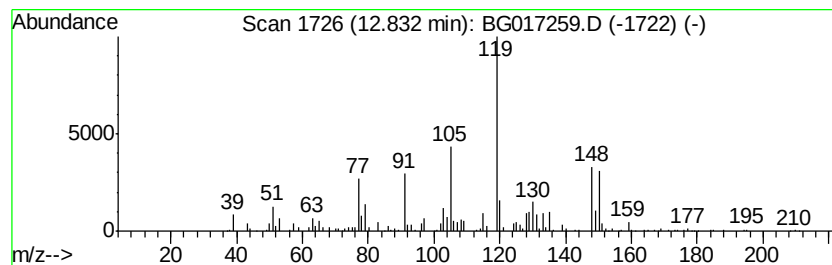
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	33.68 ng	841425	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	62
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3		2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	49
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	47
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE3-1

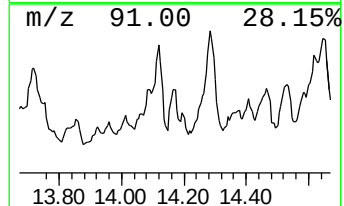
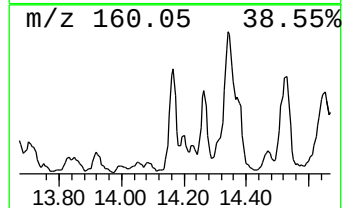
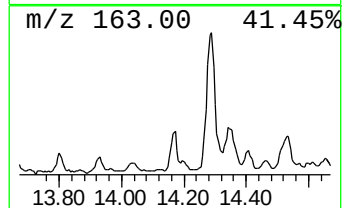
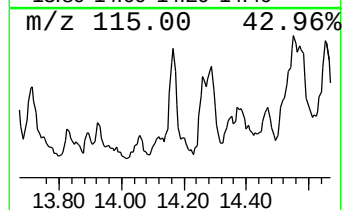
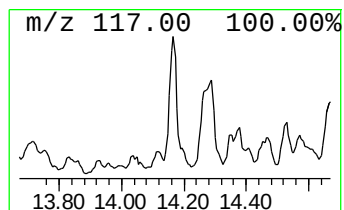
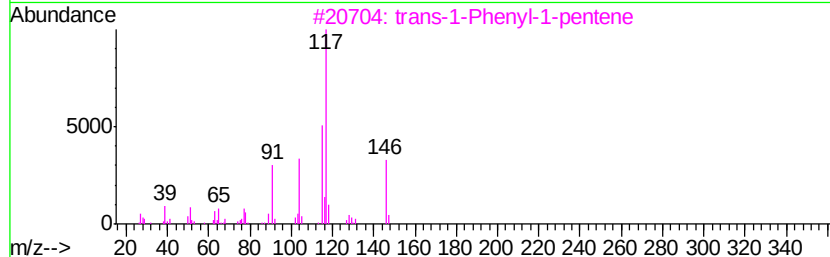
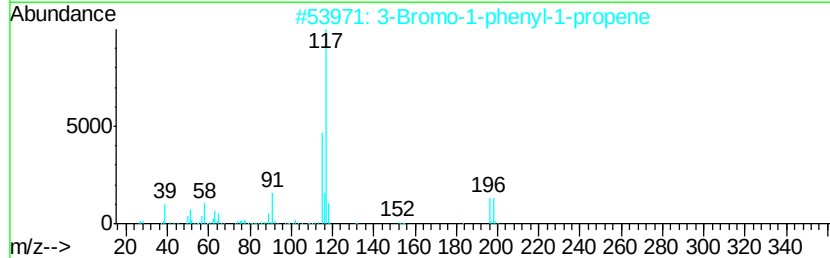
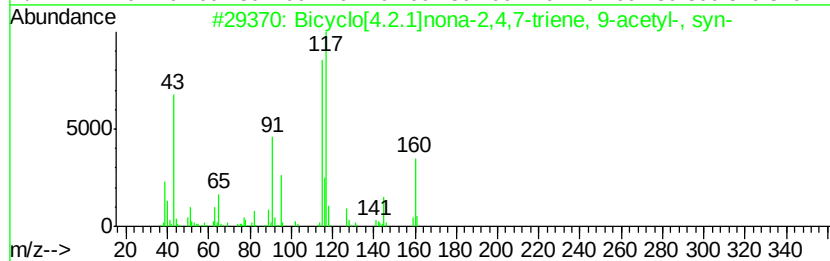
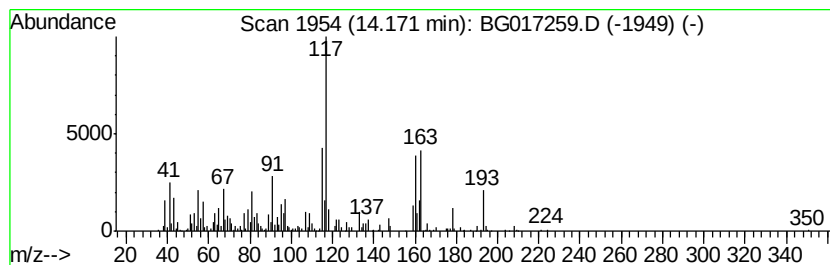
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.17 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	35.43 ng	885319	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.1]nona-2,4,7-triene, ...	160	C11H12O	1000141-51-6	45
2		3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	35
3		trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	35
4		Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	35
5		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

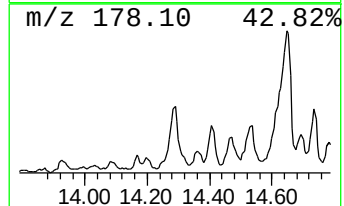
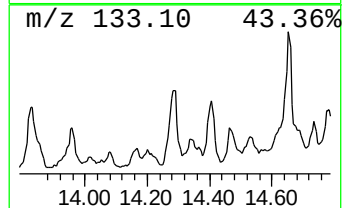
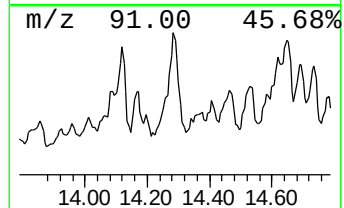
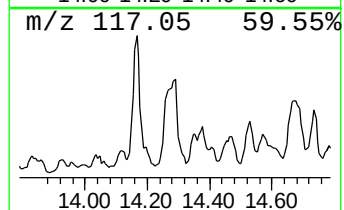
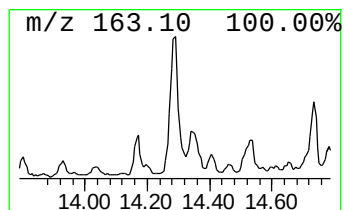
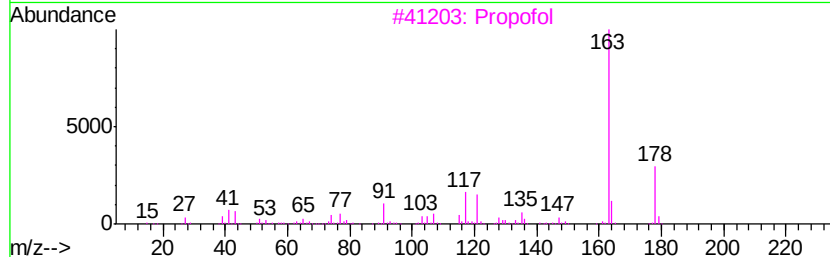
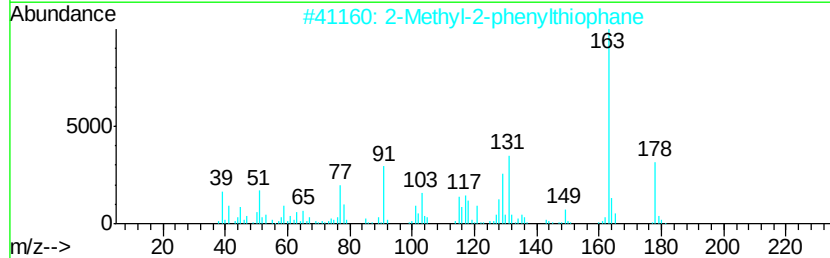
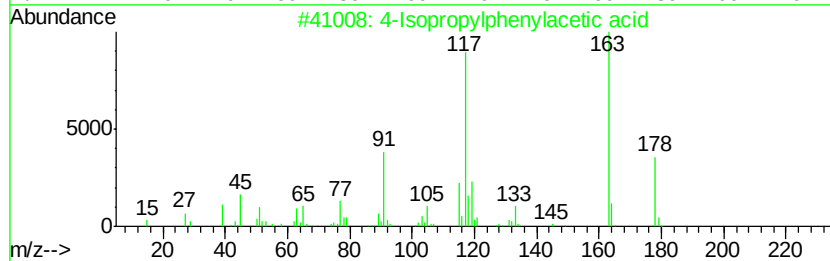
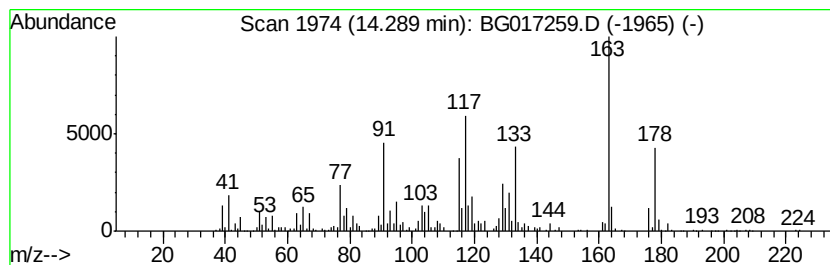
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4-Isopropylphenylacetic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.29	55.18 ng	1378720	Acenaphthene-d10	14.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	83
2	2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	46
3	Propofol	178	C12H18O	002078-54-8	46
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	45
5	.beta.-[2-Methoxy-4,6-dimethylph...	222	C13H18O3	1000129-26-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
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Acq On : 23 May 2015 1:01
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Sample : G2353-04
Misc :
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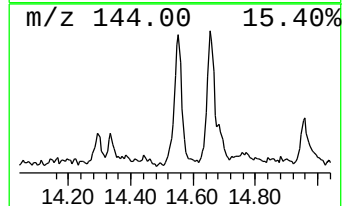
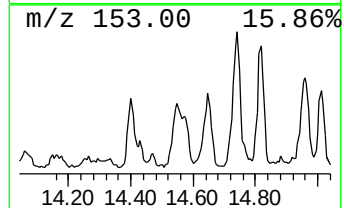
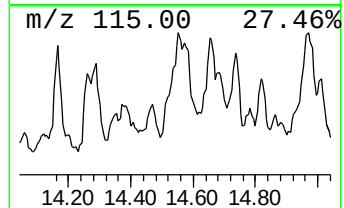
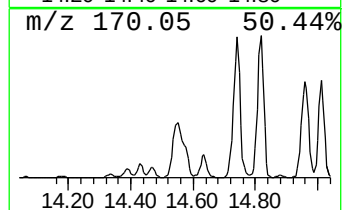
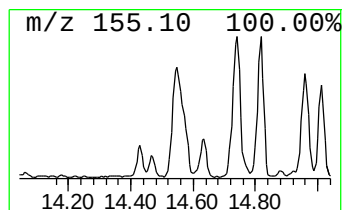
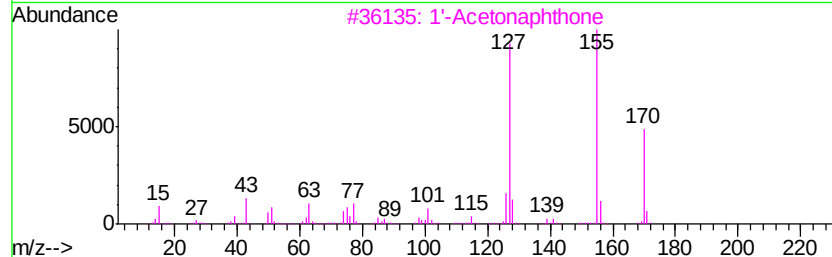
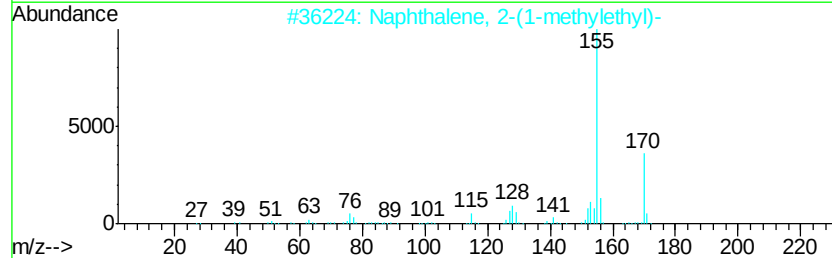
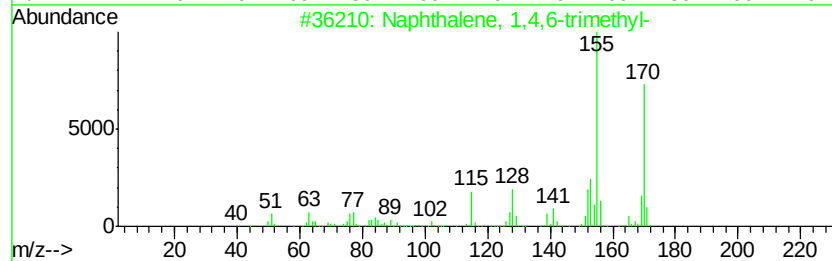
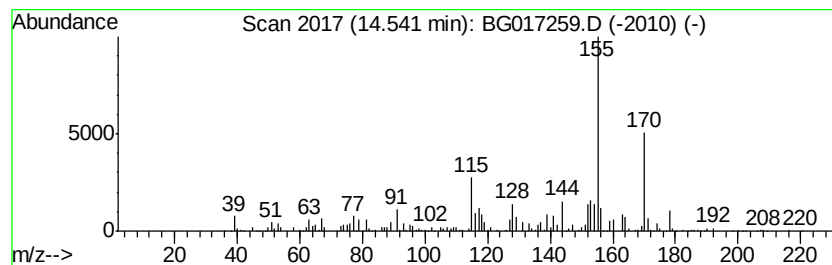
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	42.33 ng	1057480	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 60
2		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 49
3		1'-Acetonaphthone	170 C12H10O	000941-98-0 46
4		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 46
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170 C8H7ClO2	001450-74-4 43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
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Sample : G2353-04
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ClientSampleId :
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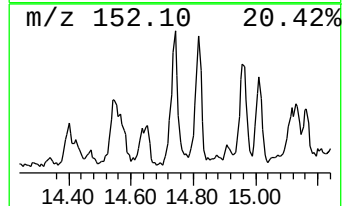
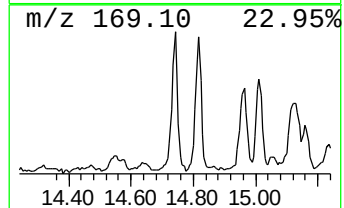
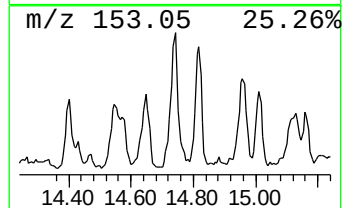
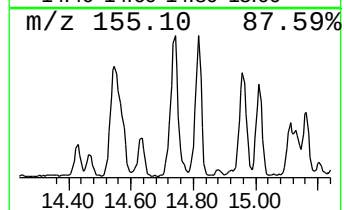
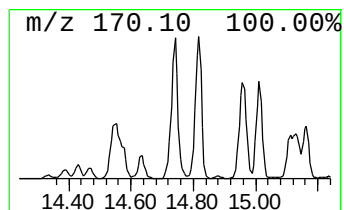
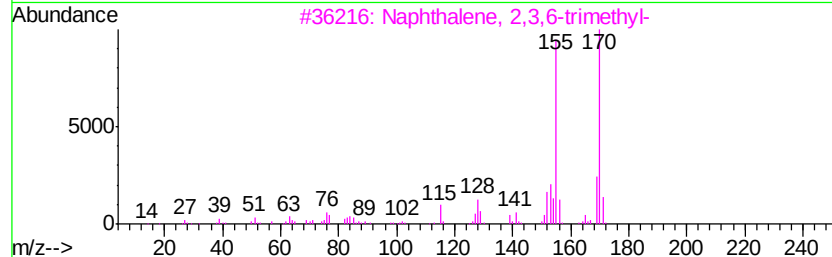
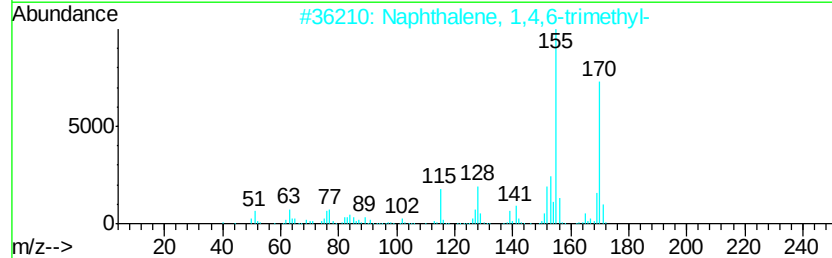
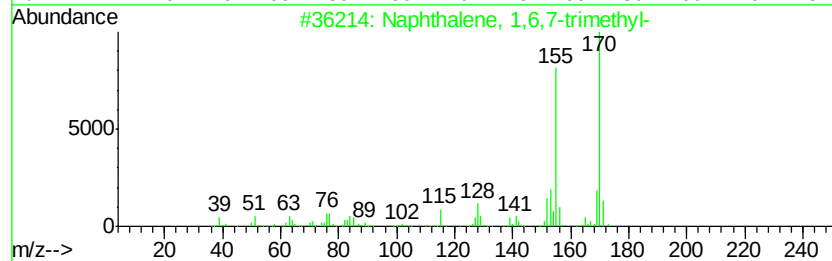
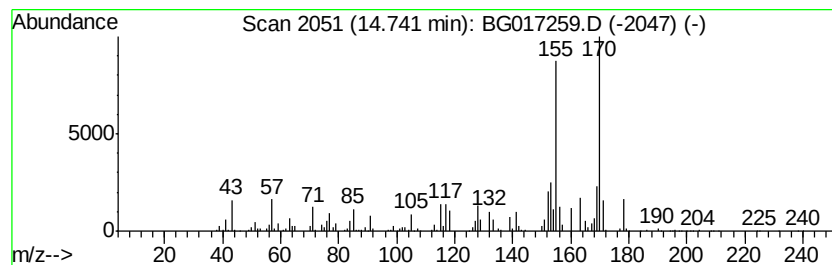
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	45.36 ng	1133290	Acenaphthene-d10	14.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	83
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
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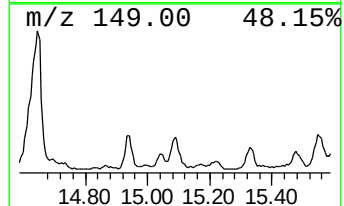
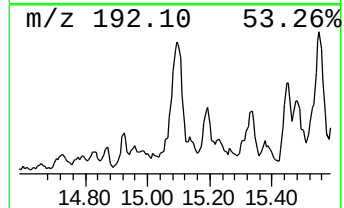
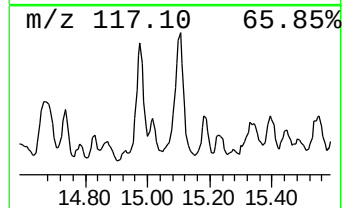
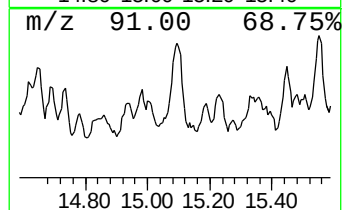
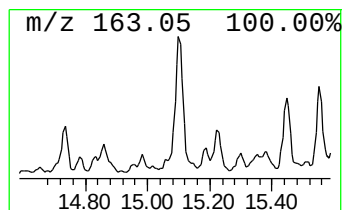
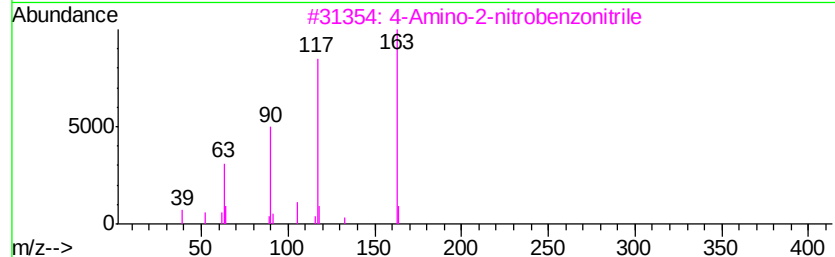
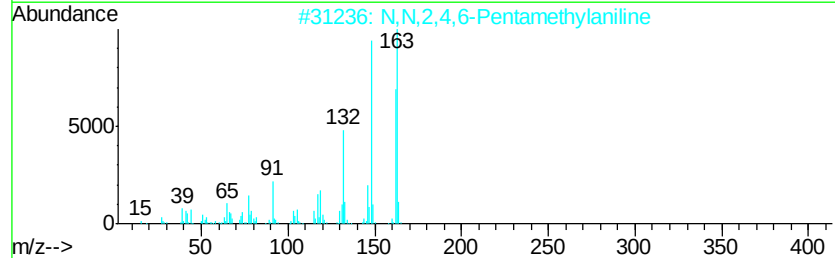
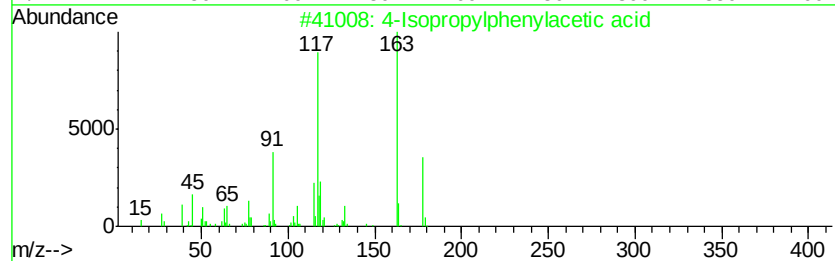
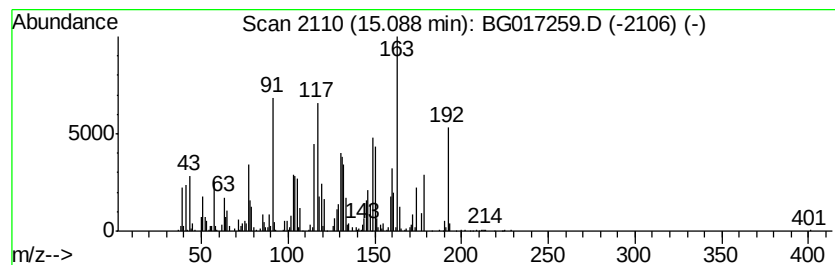
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown15.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	66.09 ng	1651360	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	42
2		N,N,2,4,6-Pentamethylaniline	163	C11H17N	013021-15-3	38
3		4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	35
4		Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	003395-87-7	35
5		Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

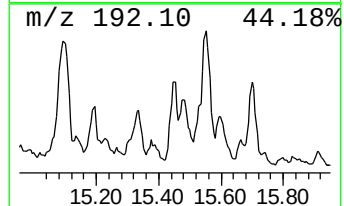
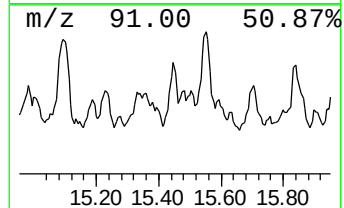
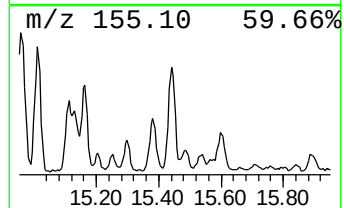
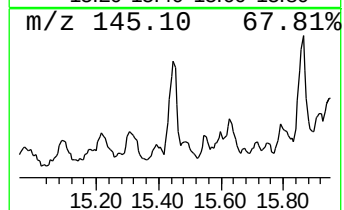
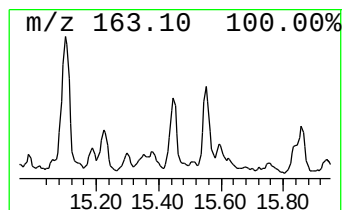
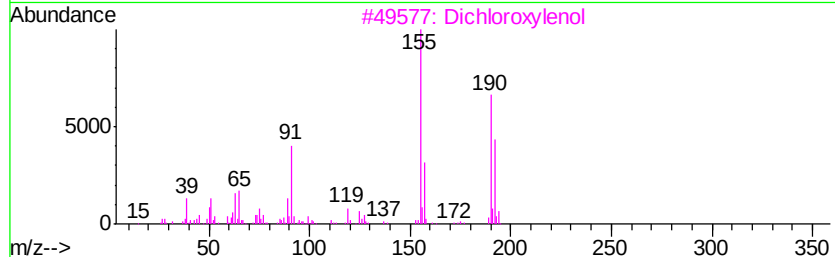
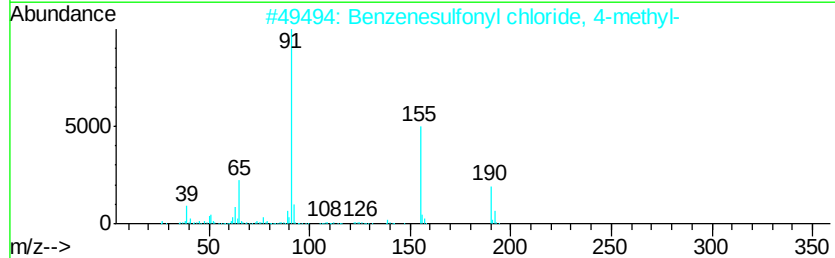
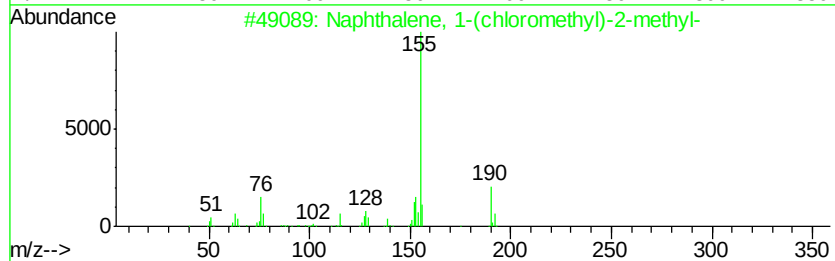
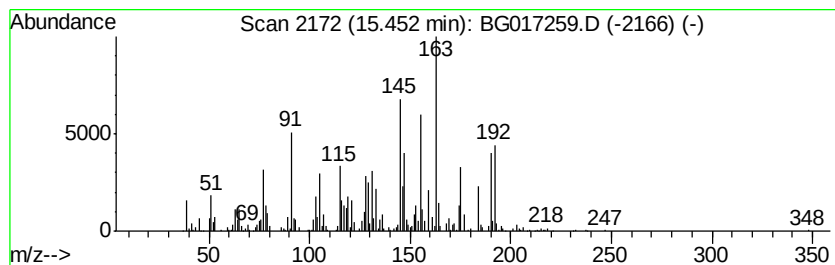
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown15.45 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	40.81 ng	1019550	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-(chloromethyl)-2-...	190 C12H11Cl	006626-23-9 30
2		Benzenesulfonyl chloride, 4-methyl-	190 C7H7ClO2S	000098-59-9 25
3		Dichloroxylenol	190 C8H8Cl2O	000133-53-9 22
4		1-Chloromethyl-4-methylnaphthalene	190 C12H11Cl	005261-50-7 20
5		Naphthalene, 2-methyl-1-propyl-	184 C14H16	054774-89-9 18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
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Sample : G2353-04
Misc :
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Instrument :
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ClientSampleId :
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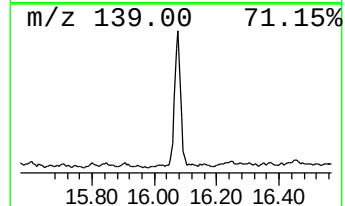
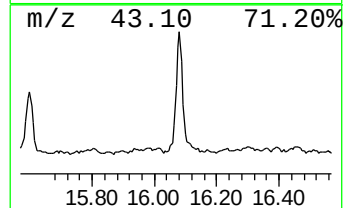
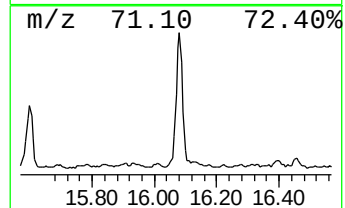
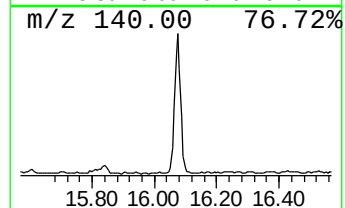
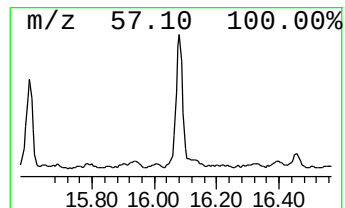
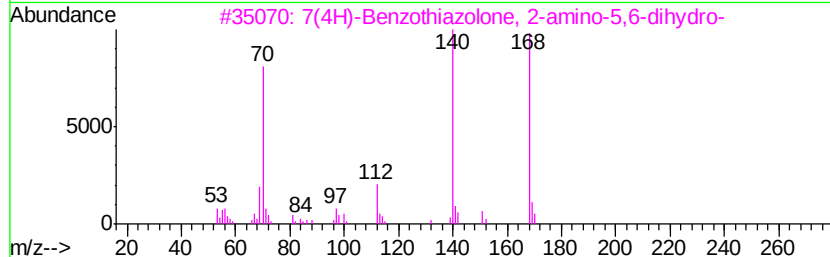
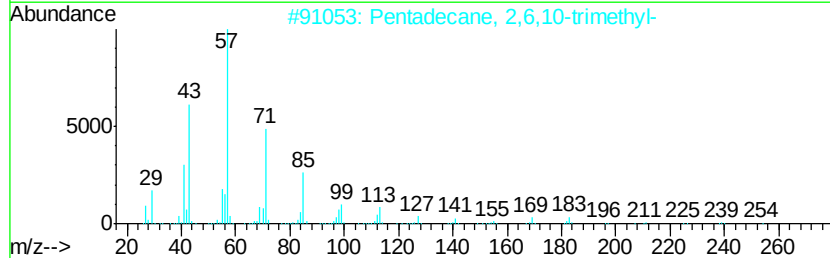
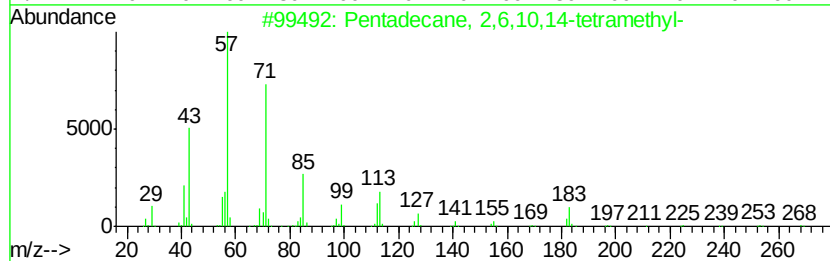
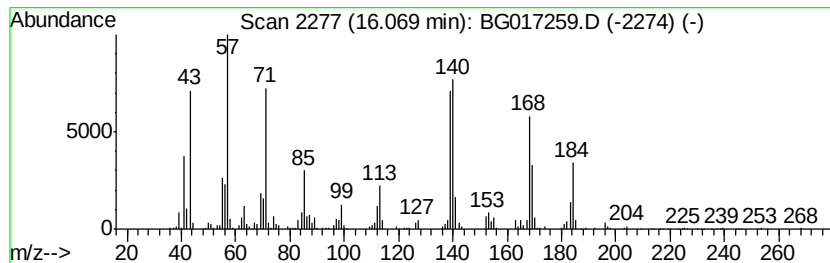
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	59.80 ng	1644360	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	35
3		7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	30
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	25
5		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
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ClientSampleId :
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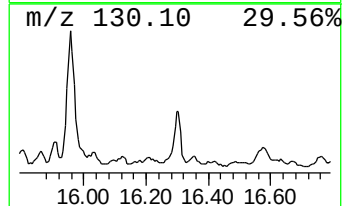
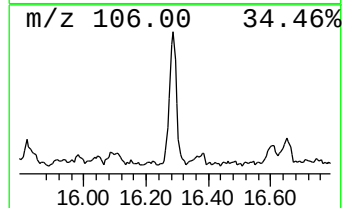
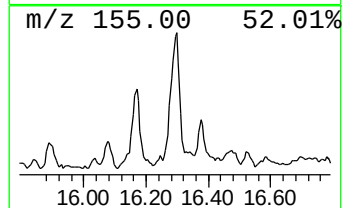
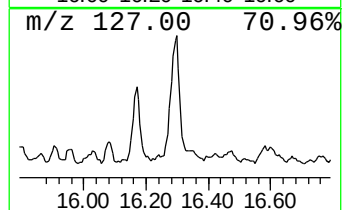
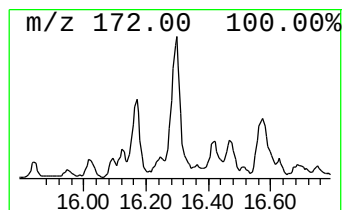
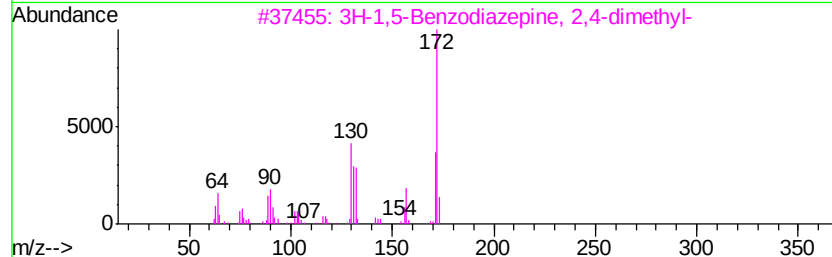
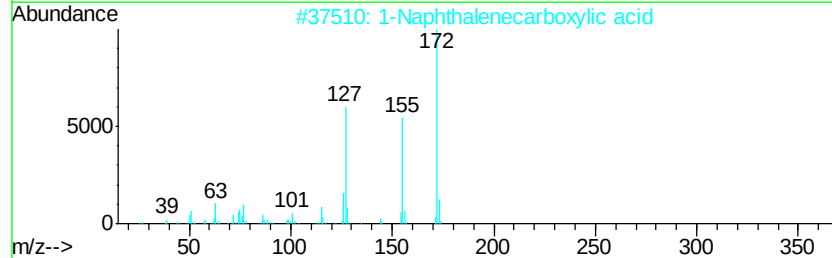
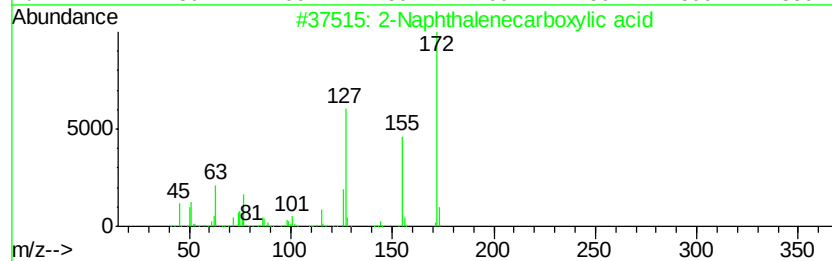
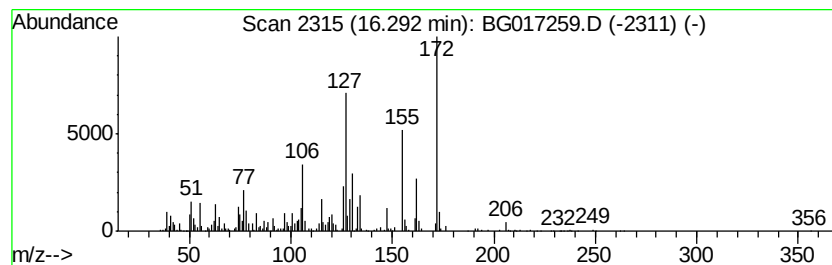
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Naphthalenecarboxylic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	45.81 ng	1259820	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93
2		1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	86
3		3H-1,5-Benzodiazepine, 2,4-dimet...	172	C11H12N2	001131-47-1	41
4		Naphthalene-1-carbohydrazide, N2...	294	C17H14N2OS	1000263-63-0	27
5		5-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	069491-51-6	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
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Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

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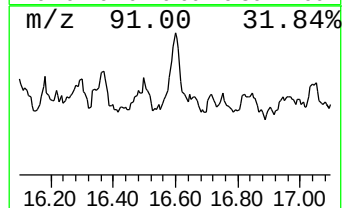
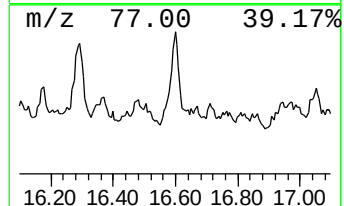
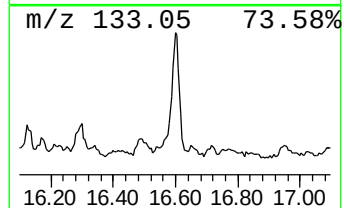
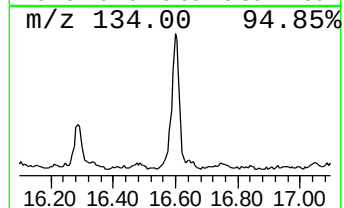
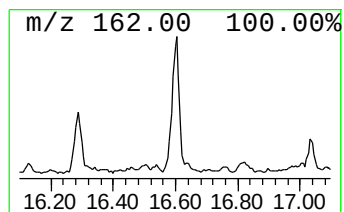
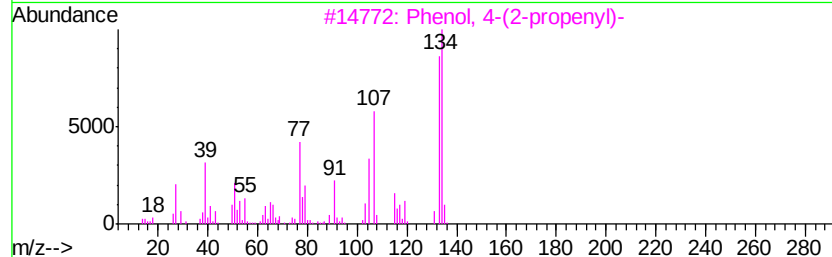
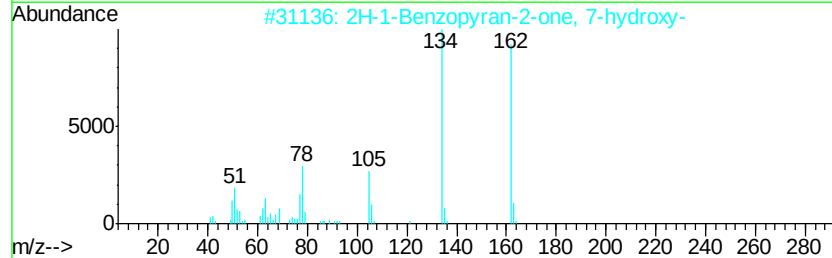
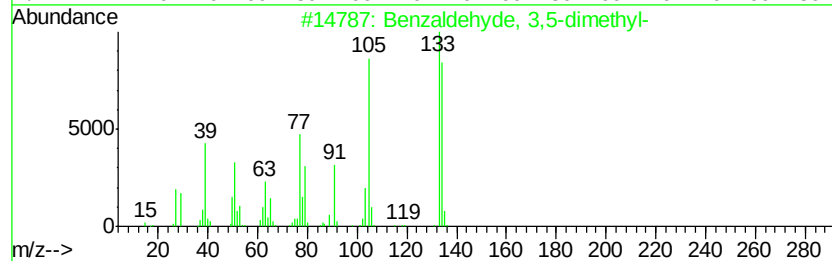
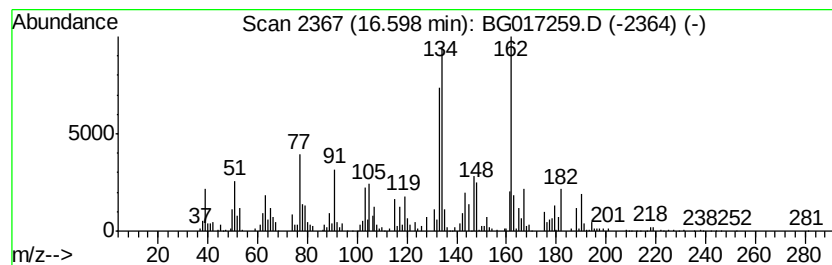
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.60 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	32.22 ng	885854	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dimethyl-	134	C9H10O	005779-95-3	45
2		2H-1-Benzopyran-2-one, 7-hydroxy-	162	C9H6O3	000093-35-6	45
3		Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	42
4		3(2H)-Benzofuranone, 4,7-dimethyl-	162	C10H10O2	020895-45-8	41
5		5-Hydroxy-1-tetralone	162	C10H10O2	028315-93-7	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
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Sample : G2353-04
Misc :
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Instrument :
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ClientSampleId :
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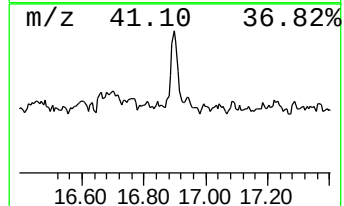
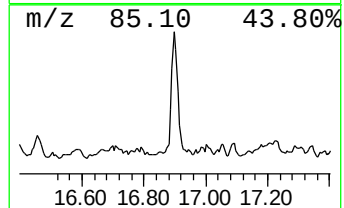
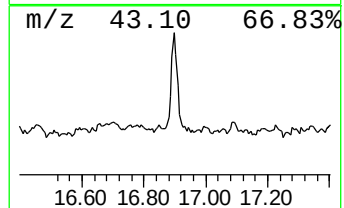
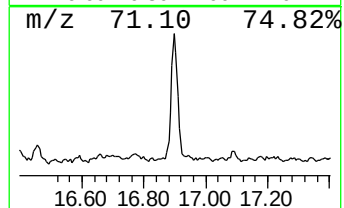
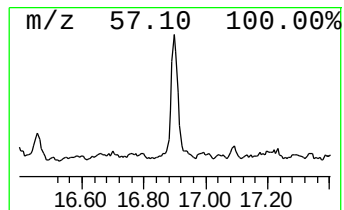
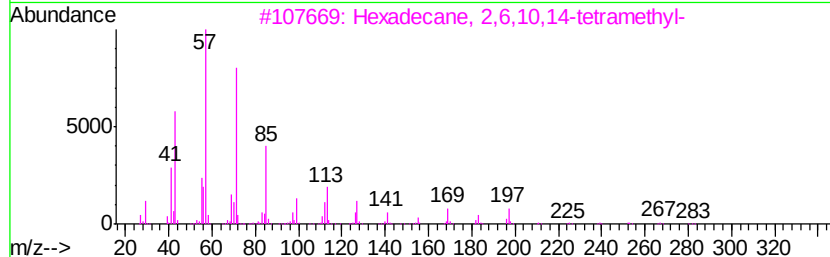
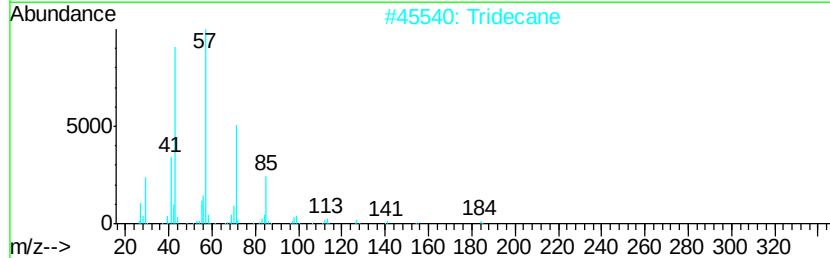
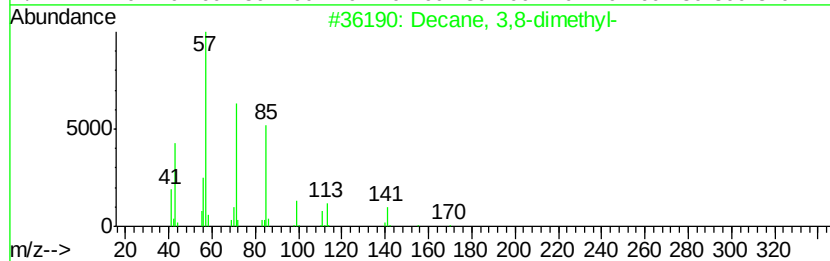
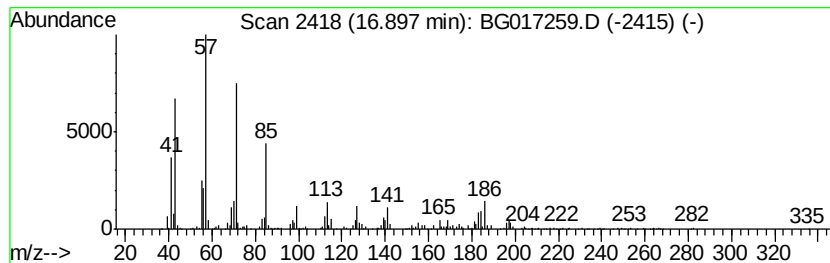
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 3,8-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	45.41 ng	1248760	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	55
2		Tridecane	184	C13H28	000629-50-5	55
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	55
4		Tetradecane	198	C14H30	000629-59-4	50
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
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Misc :
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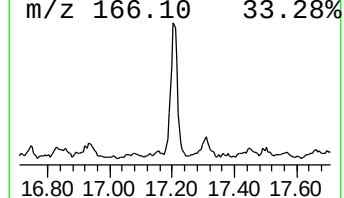
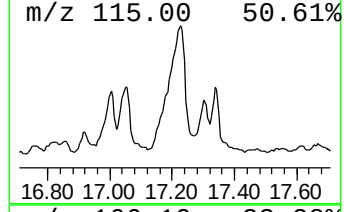
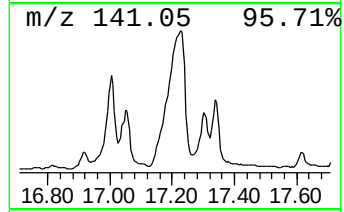
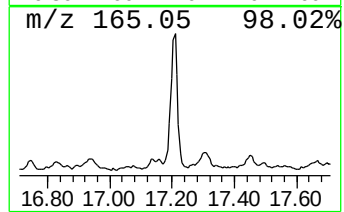
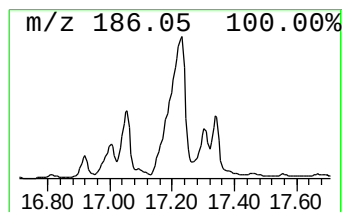
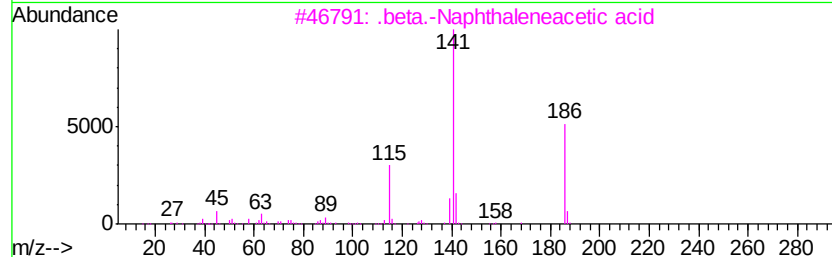
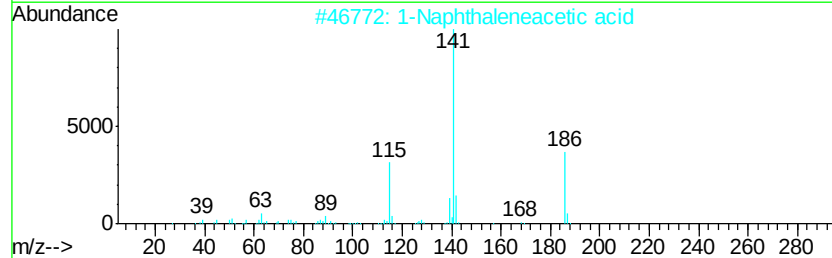
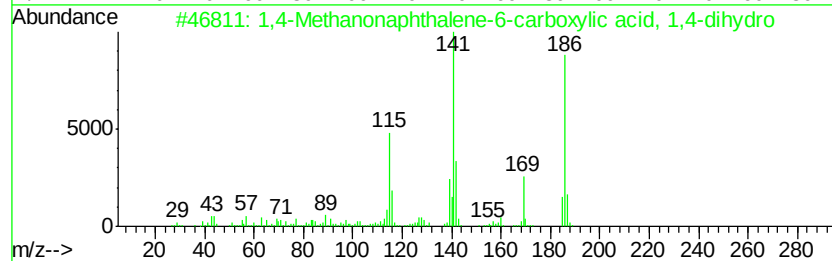
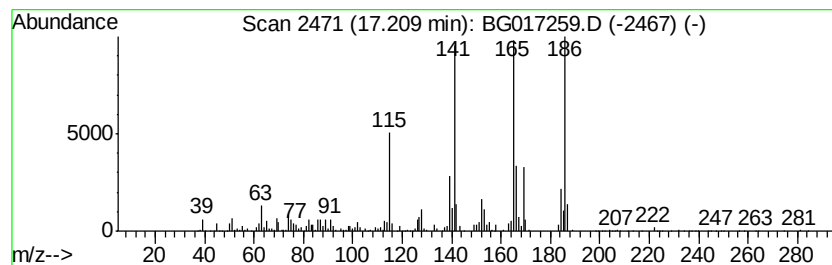
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,4-Methanonaphthalene-6-ca... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	45.75 ng	1258130	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalene-6-carboxy...	186	C12H10O2	063509-76-2	50
2		1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	49
3		.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	38
4		5-Thiazolecarboxylic acid, 2-amino...	186	C7H10N2O2S	007210-76-6	35
5		5-Methyl-2,4-thiophenedicarboxyl...	186	C7H6O4S	032415-31-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
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Misc :
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ClientSampleId :
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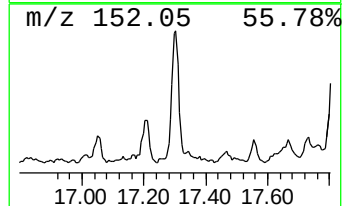
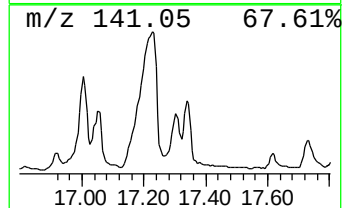
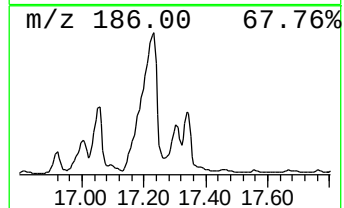
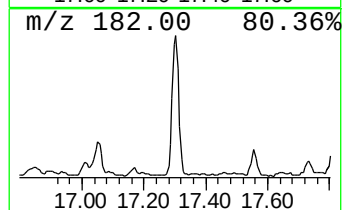
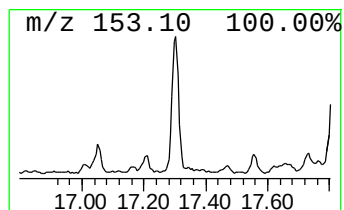
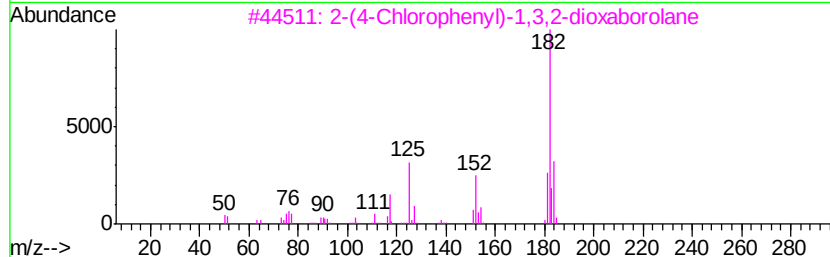
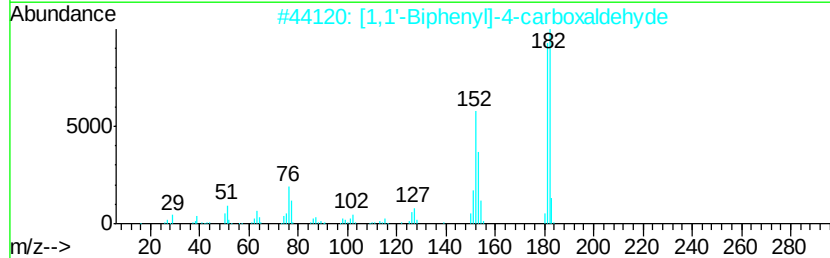
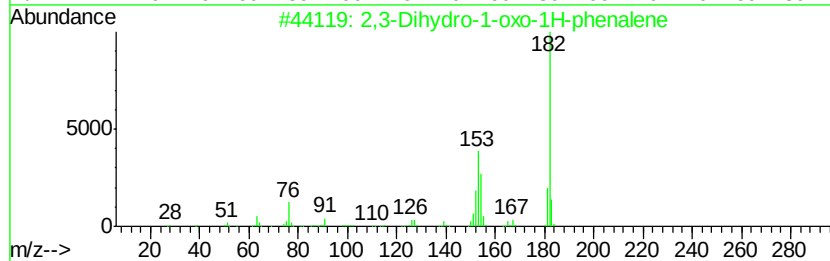
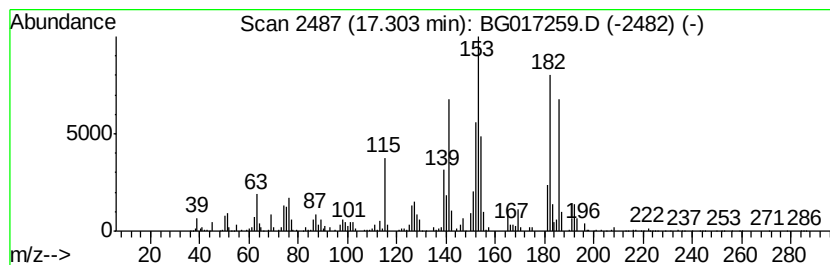
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.30 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	56.33 ng	1549050	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene			182	C13H10O	000518-85-4	49
2	[1,1'-Biphenyl]-4-carboxaldehyde			182	C13H10O	003218-36-8	27
3	2-(4-Chlorophenyl)-1,3,2-dioxabo...			182	C8H8BClO2	069519-09-1	27
4	2-Naphthalenecarboxylic acid, 3-...			242	C15H14O3	057518-88-4	25
5	Naphthalene, 2-ethenyl-			154	C12H10	000827-54-3	15



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

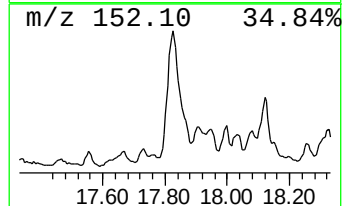
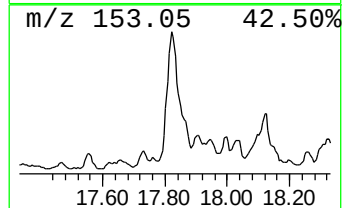
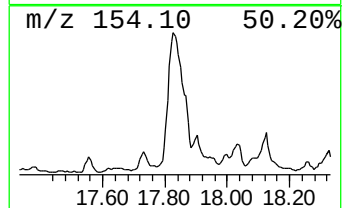
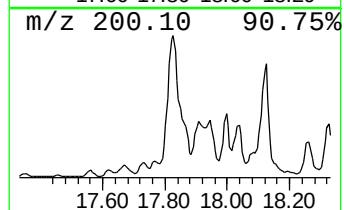
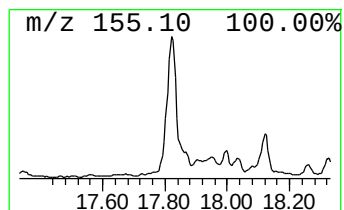
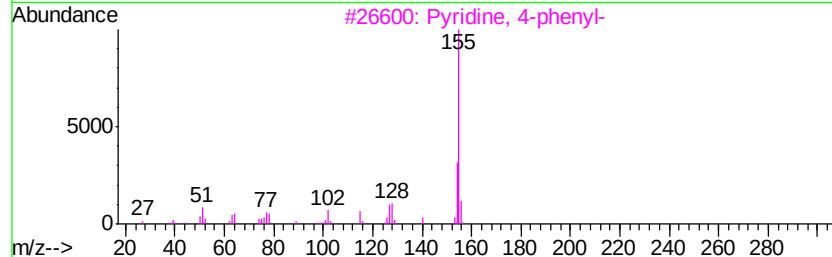
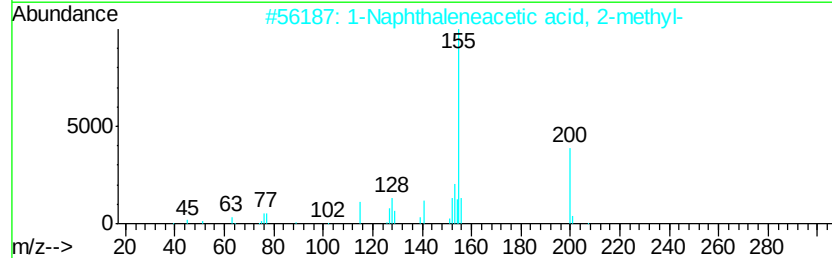
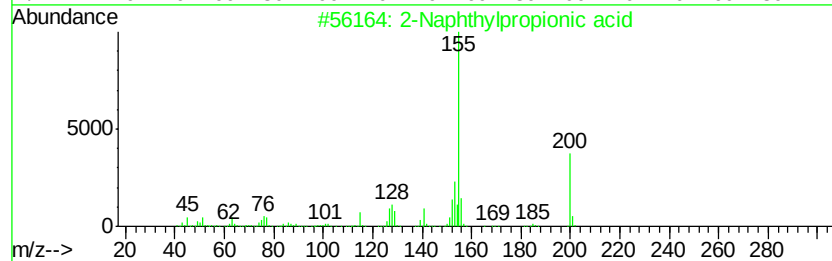
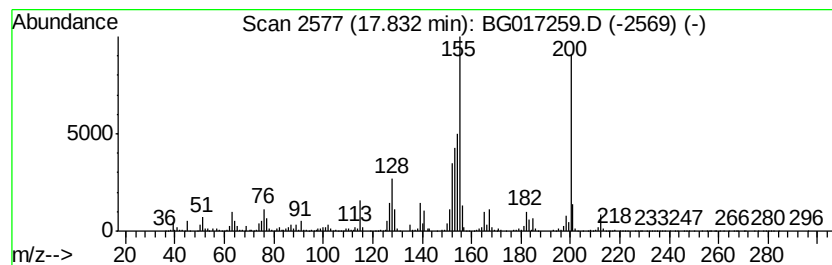
Instrument :
BNA_G
ClientSampleId :
VE3-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Naphthylpropionic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.			
17.83	192.01 ng	5279790	Phenanthrene-d10	17.09			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	74		
2	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	46		
3	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	43		
4	Propanoic acid, 2-(3-chloropheno...	200	C9H9ClO3	000101-10-0	43		
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE3-1

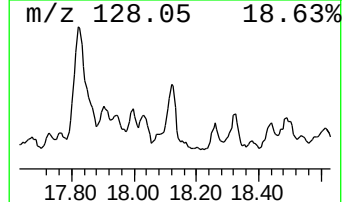
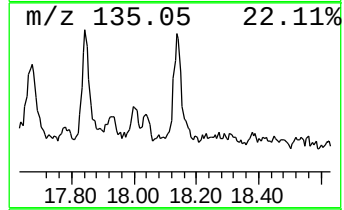
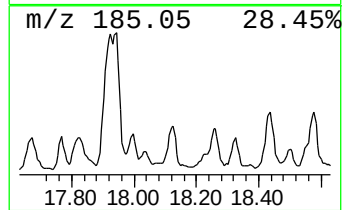
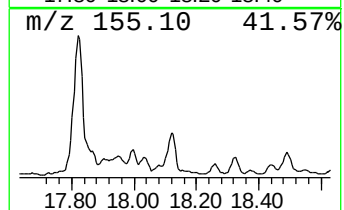
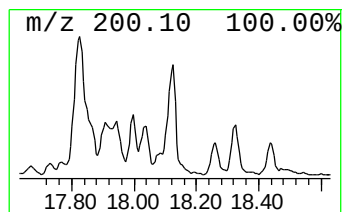
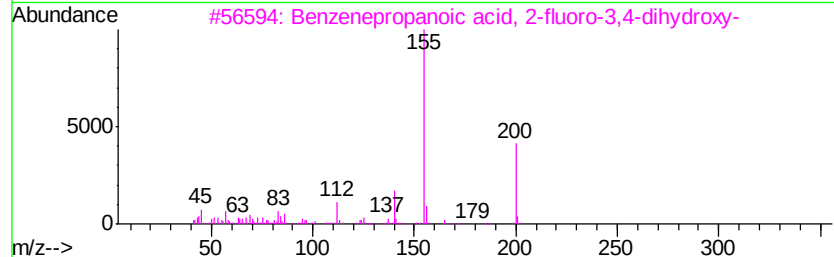
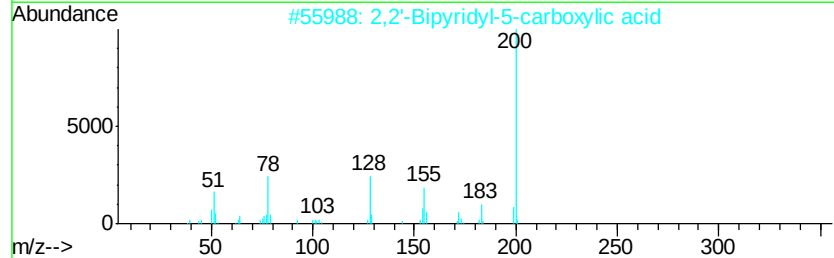
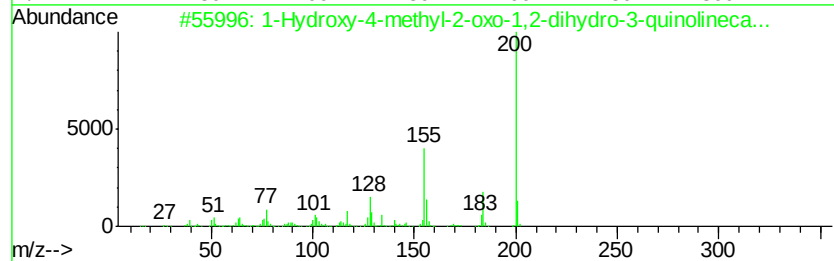
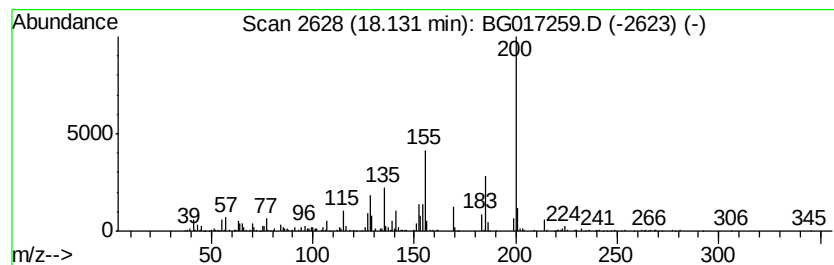
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Hydroxy-4-methyl-2-oxo-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	35.45 ng	974724	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	76
2		2,2'-Bipyridyl-5-carboxylic acid	200	C11H8N2O2	001970-80-5	53
3		Benzenepropanoic acid, 2-fluoro-...	200	C9H9F04	1000116-44-0	49
4		Benzenecetic acid, 3-fluoro-4-h...	200	C9H9F04	114669-81-7	43
5		4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE3-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.23	7.23	40.5	ng	839205	1	7.68	414464	20.0
1,3-Cyclohexanedi...	11.50	33.8	ng	1597330	2	10.47	945496	20.0
unknown12.53	12.53	35.4	ng	883299	3	14.34	499694	20.0
unknown12.61	12.61	40.7	ng	1017040	3	14.34	499694	20.0
Benzene, 1,3-diet...	12.83	33.7	ng	841425	3	14.34	499694	20.0
unknown14.17	14.17	35.4	ng	885319	3	14.34	499694	20.0
4-Isopropylphenyl...	14.29	55.2	ng	1378720	3	14.34	499694	20.0
Naphthalene, 1,4,...	14.54	42.3	ng	1057480	3	14.34	499694	20.0
Naphthalene, 1,6,...	14.74	45.4	ng	1133290	3	14.34	499694	20.0
unknown15.09	15.09	66.1	ng	1651360	3	14.34	499694	20.0
unknown15.45	15.45	40.8	ng	1019550	3	14.34	499694	20.0
Pentadecane, 2,6,...	16.07	59.8	ng	1644360	4	17.09	549959	20.0
2-Naphthalenecarb...	16.29	45.8	ng	1259820	4	17.09	549959	20.0
unknown16.60	16.60	32.2	ng	885854	4	17.09	549959	20.0
Decane, 3,8-dimet...	16.90	45.4	ng	1248760	4	17.09	549959	20.0
1,4-Methanonaphth...	17.21	45.8	ng	1258130	4	17.09	549959	20.0
unknown17.30	17.30	56.3	ng	1549050	4	17.09	549959	20.0
2-Naphthylpropion...	17.83	192.0	ng	5279790	4	17.09	549959	20.0
1-Hydroxy-4-methy...	18.13	35.5	ng	974724	4	17.09	549959	20.0