

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021043.D
 Acq On : 24 Feb 2016 2:36
 Operator : UM/SJ
 Sample : H1507-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-4

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-BG022316.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	3.204	57	62	68	rBV2	8908	15561	6.21%	0.689%
2	3.286	71	76	82	rVB	4106	5610	2.24%	0.248%
3	5.295	413	418	425	rBB	4997	7959	3.18%	0.352%
4	5.783	495	501	508	rBB	36035	54759	21.86%	2.423%
5	7.404	771	777	784	rBV	26392	43160	17.23%	1.910%
6	7.750	830	836	844	rBB	80059	135441	54.06%	5.993%
7	8.203	908	913	919	rBB	15198	23407	9.34%	1.036%
8	8.532	962	969	978	rVB	80304	133841	53.42%	5.922%
9	9.149	1069	1074	1079	rBB3	2912	5069	2.02%	0.224%
10	9.301	1089	1100	1107	rVB	29172	56131	22.41%	2.484%
11	9.389	1108	1115	1122	rBV	68393	119403	47.66%	5.283%
12	9.448	1122	1125	1130	rVB3	1616	2572	1.03%	0.114%
13	9.689	1157	1166	1169	rVB4	3630	7776	3.10%	0.344%
14	10.041	1219	1226	1232	rBV4	3473	6114	2.44%	0.271%
15	10.382	1279	1284	1289	rBV3	2387	5110	2.04%	0.226%
16	10.435	1289	1293	1298	rVB4	2546	4817	1.92%	0.213%
17	10.764	1343	1349	1350	rBV3	3926	6800	2.71%	0.301%
18	10.788	1350	1353	1364	rVV6	5749	14057	5.61%	0.622%
19	10.911	1364	1374	1378	rVB2	6405	13237	5.28%	0.586%
20	10.976	1378	1385	1387	rBV4	4110	7398	2.95%	0.327%
21	11.022	1387	1393	1399	rVV	25255	46483	18.55%	2.057%
22	11.069	1399	1401	1408	rVB4	3633	5885	2.35%	0.260%
23	11.158	1408	1416	1418	rBV4	1382	3695	1.47%	0.163%
24	11.199	1420	1423	1428	rVB2	3989	5596	2.23%	0.248%
25	11.299	1428	1440	1446	rBV6	3263	9065	3.62%	0.401%
26	11.434	1459	1463	1469	rBV6	3967	8982	3.59%	0.397%
27	11.510	1471	1476	1483	rVB5	5643	12960	5.17%	0.573%
28	11.575	1483	1487	1490	rBV4	1628	2613	1.04%	0.116%
29	11.622	1490	1495	1498	rVV4	6242	10279	4.10%	0.455%
30	11.686	1502	1506	1510	rVB4	2927	4753	1.90%	0.210%
31	11.792	1516	1524	1532	rBV	16745	39500	15.77%	1.748%
32	11.868	1532	1537	1538	rVV4	2537	3892	1.55%	0.172%
33	11.910	1540	1544	1549	rVB5	3143	6792	2.71%	0.301%
34	12.051	1561	1568	1575	rBV6	7199	17900	7.15%	0.792%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021043.D
 Acq On : 24 Feb 2016 2:36
 Operator : UM/SJ
 Sample : H1507-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-4

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-BG022316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.139	1575	1583	1595	rVB5	13497	38321	15.30%	1.696%
36	12.274	1595	1606	1611	rBV3	11145	25454	10.16%	1.126%
37	12.374	1618	1623	1625	rBV4	4286	5742	2.29%	0.254%
38	12.462	1632	1638	1639	rBV5	3577	5062	2.02%	0.224%
39	12.609	1655	1663	1664	rBV6	5457	11870	4.74%	0.525%
40	12.638	1664	1668	1671	rVV5	6533	9853	3.93%	0.436%
41	12.691	1672	1677	1683	rVB6	11532	24334	9.71%	1.077%
42	12.750	1683	1687	1688	rBV3	6948	8655	3.45%	0.383%
43	12.838	1695	1702	1705	rBV9	10033	23949	9.56%	1.060%
44	12.932	1716	1718	1723	rVB5	3385	4255	1.70%	0.188%
45	12.990	1723	1728	1735	rBV9	9025	22940	9.16%	1.015%
46	13.090	1740	1745	1751	rBV7	10777	24099	9.62%	1.066%
47	13.184	1755	1761	1763	rBV6	5518	12068	4.82%	0.534%
48	13.284	1774	1778	1784	rVB5	7379	13738	5.48%	0.608%
49	13.343	1786	1788	1793	rVV5	2307	3528	1.41%	0.156%
50	13.449	1800	1806	1812	rVB	158221	242556	96.82%	10.733%
51	13.513	1814	1817	1822	rVB5	3806	5313	2.12%	0.235%
52	13.695	1842	1848	1854	rBV6	12054	29183	11.65%	1.291%
53	13.901	1879	1883	1888	rVB7	14364	22736	9.08%	1.006%
54	14.042	1905	1907	1910	rVB3	4048	3146	1.26%	0.139%
55	14.089	1911	1915	1916	rBV3	6659	8638	3.45%	0.382%
56	14.118	1916	1920	1925	rVV5	14799	24610	9.82%	1.089%
57	14.500	1981	1985	1991	rVB7	9943	19967	7.97%	0.883%
58	14.817	2034	2039	2045	rVV3	33462	60517	24.16%	2.678%
59	14.888	2045	2051	2056	rVB6	19064	42354	16.91%	1.874%
60	15.358	2126	2131	2135	rBV5	15550	28257	11.28%	1.250%
61	15.910	2221	2225	2232	rBV3	22877	41635	16.62%	1.842%
62	16.139	2261	2264	2268	rBV5	8574	12875	5.14%	0.570%
63	16.309	2288	2293	2298	rVB	115337	168738	67.35%	7.466%
64	17.555	2501	2505	2511	rBV	40098	59164	23.62%	2.618%
65	18.448	2654	2657	2661	rVB2	21827	25610	10.22%	1.133%
66	19.693	2866	2869	2877	rVB2	32892	50055	19.98%	2.215%
67	20.140	2940	2945	2950	rVB	200746	250523	100.00%	11.085%
68	21.826	3228	3232	3237	rVB	27155	42434	16.94%	1.878%
69	22.131	3282	3284	3286	rBV2	3245	2525	1.01%	0.112%
70	25.145	3790	3797	3808	rVB3	12508	33855	13.51%	1.498%
71	25.609	3870	3876	3877	rBV5	3237	4816	1.92%	0.213%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

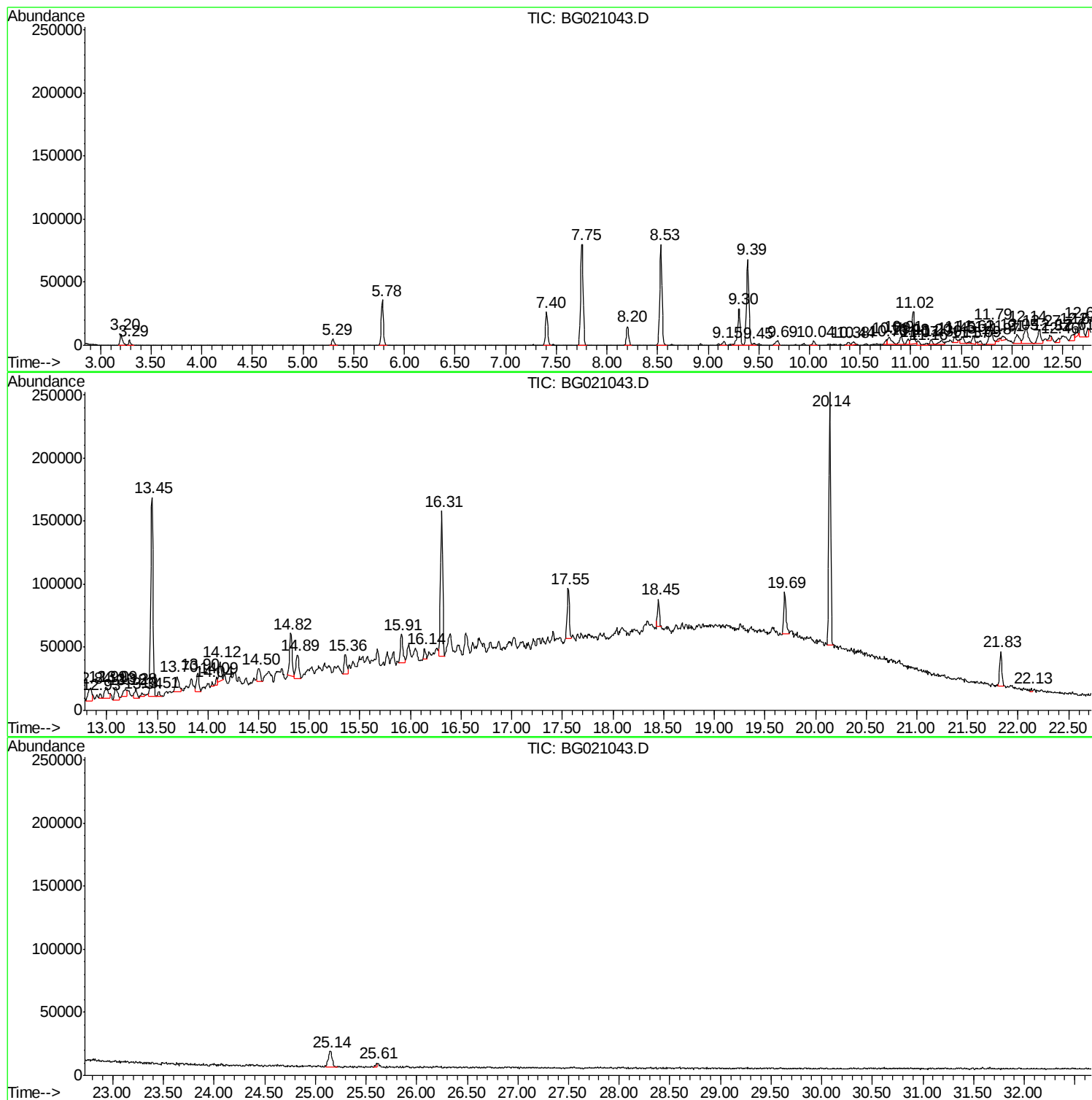
Sum of corrected areas: 2259992

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
HW-4

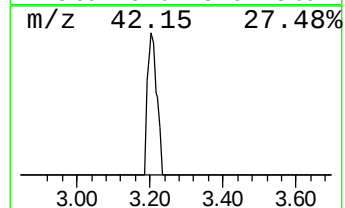
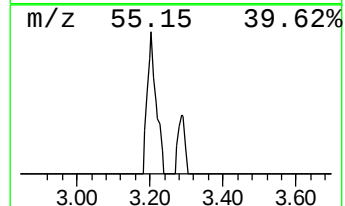
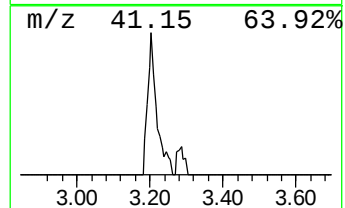
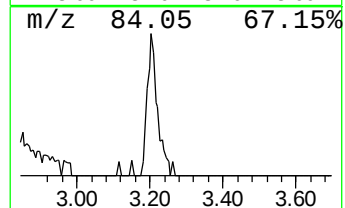
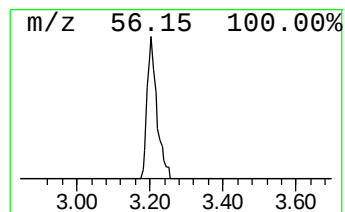
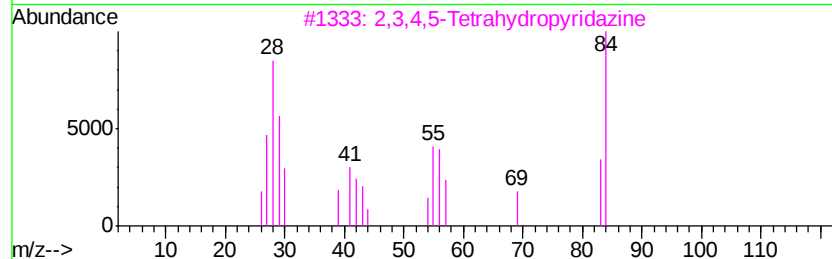
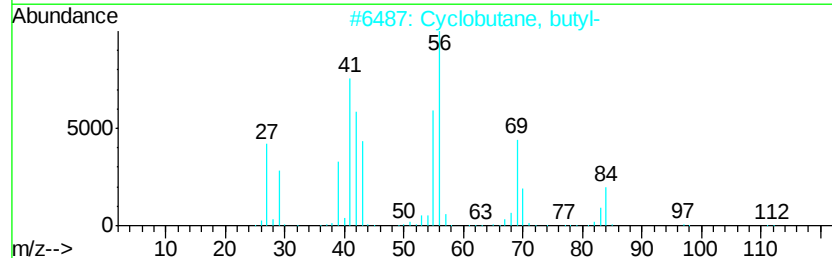
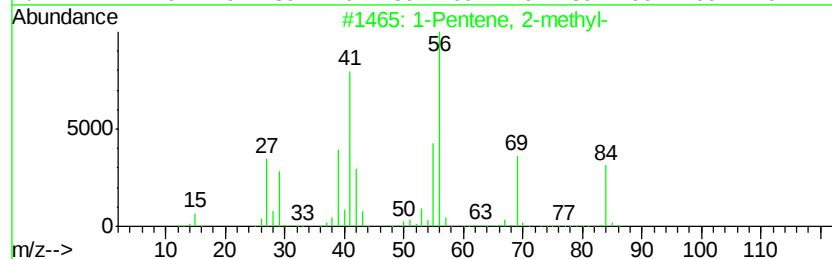
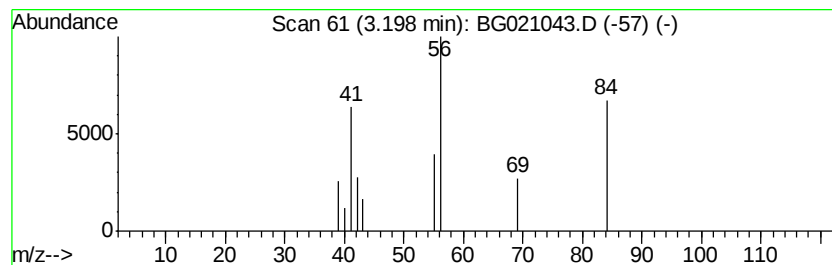
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	13.30 ng	15561	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
2		Cyclobutane, butyl-	112	C8H16	013152-44-8	25
3		2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	9
4		Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	9
5		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

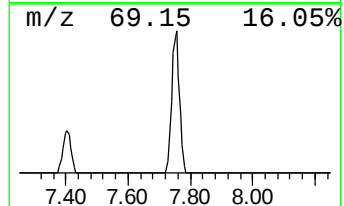
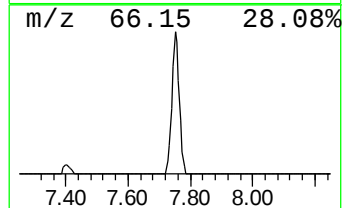
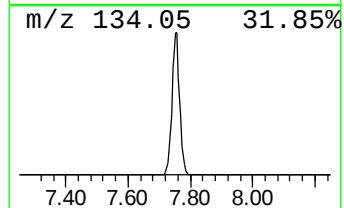
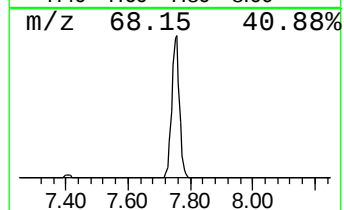
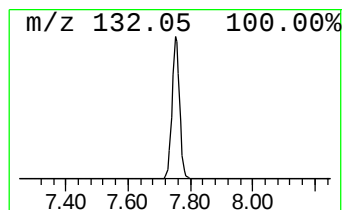
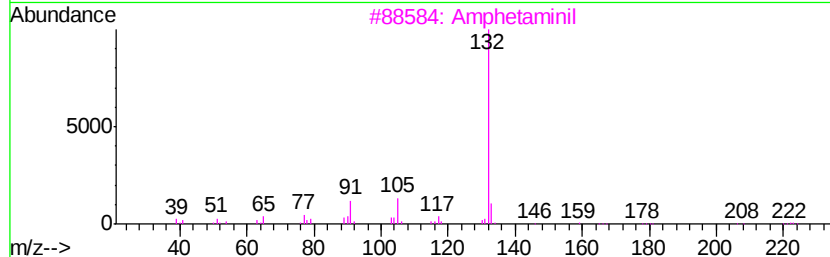
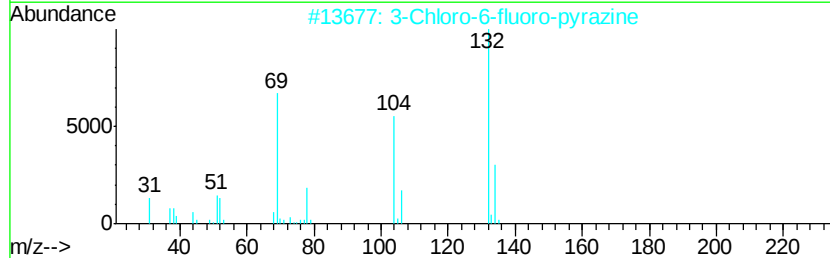
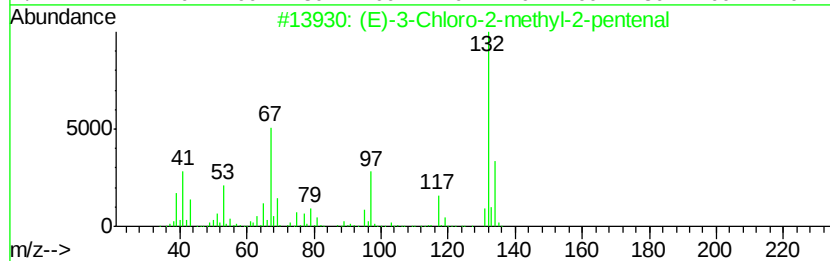
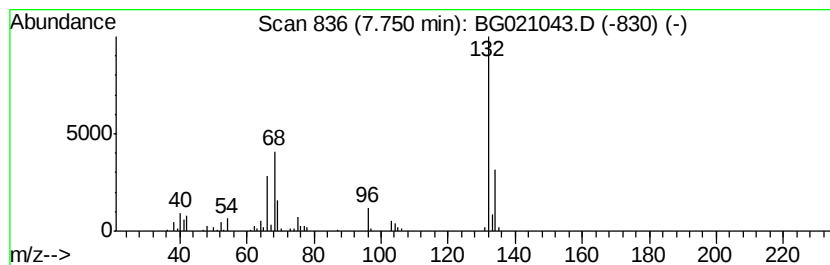
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	115.73 ng	135441	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	30
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

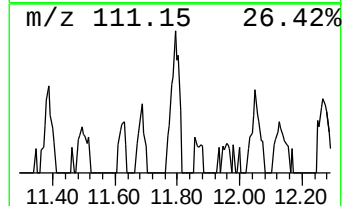
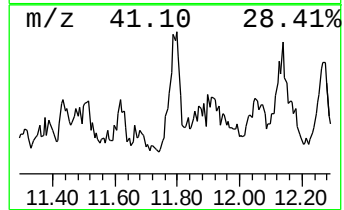
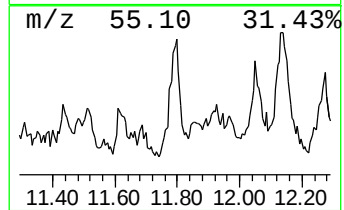
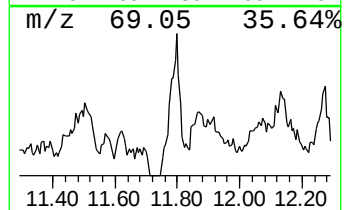
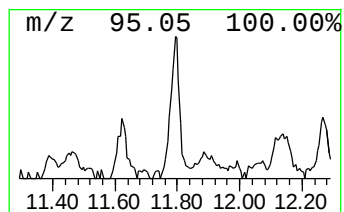
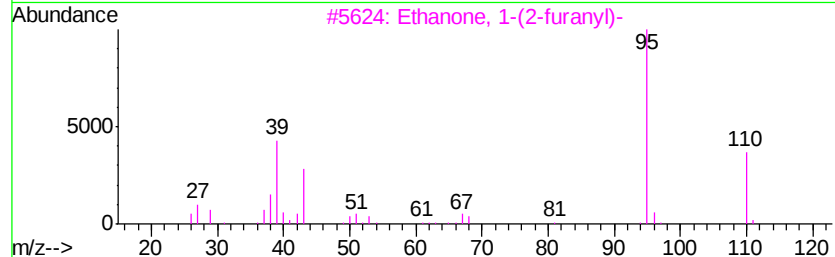
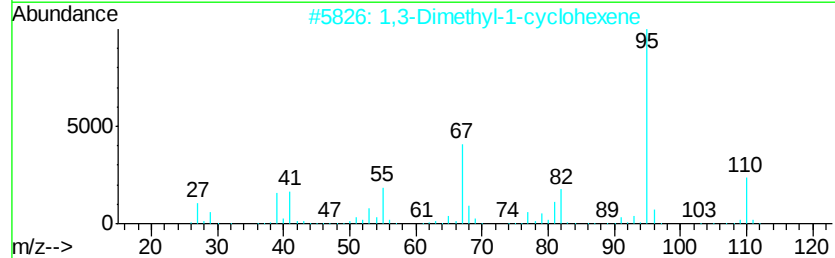
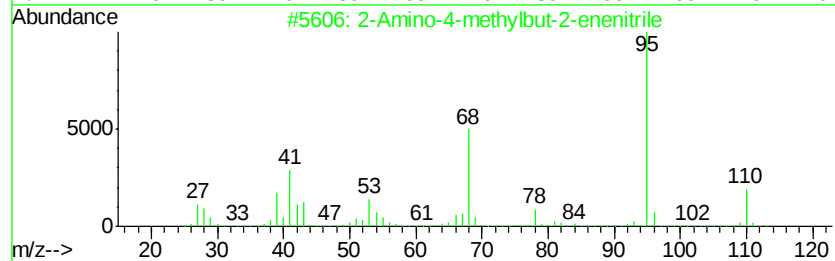
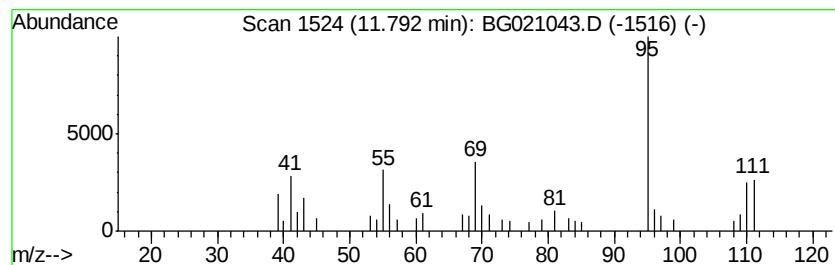
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Amino-4-methylbut-2-eneni... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	17.00 ng	39500	Napthalene-d8	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	53
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	53
3		Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	52
4		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	42
5		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

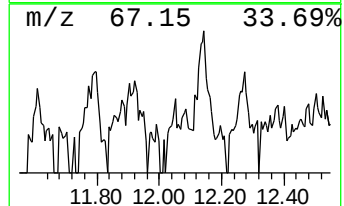
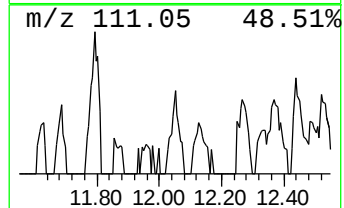
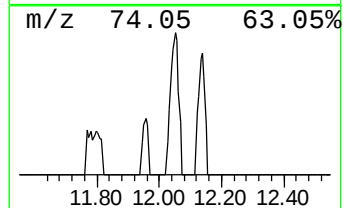
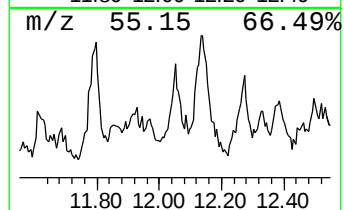
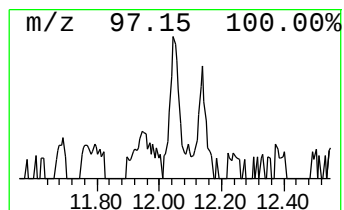
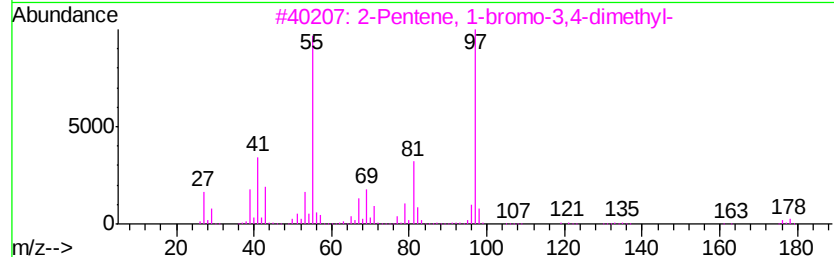
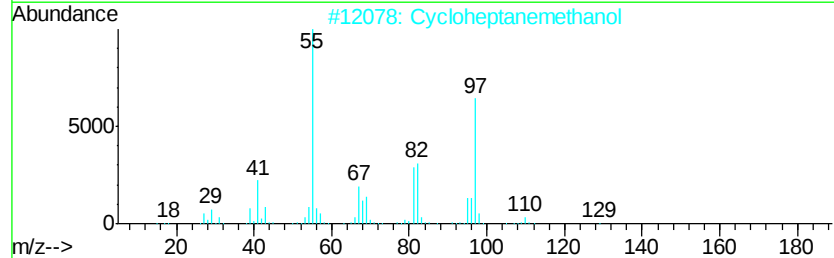
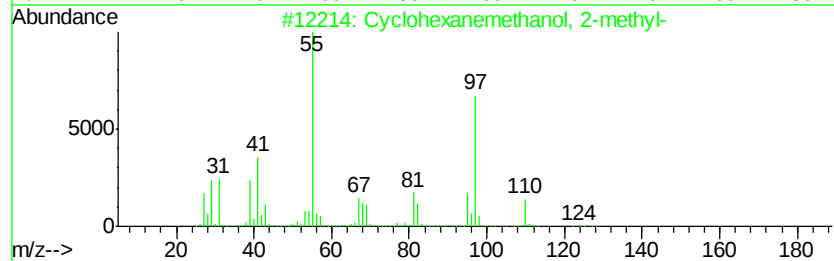
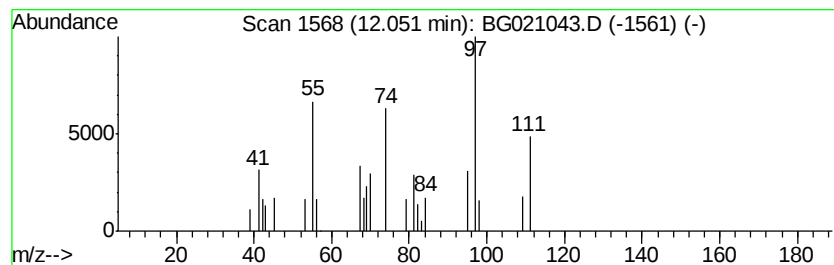
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown12.05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.70 ng	17900	Napthalene-d8	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, 2-methyl-	128	C8H16O	002105-40-0	38
2		Cycloheptanemethanol	128	C8H16O	004448-75-3	25
3		2-Pentene, 1-bromo-3,4-dimethyl-	176	C7H13Br	000922-99-6	12
4		1-(2-Methylpropenyl)aziridine	97	C6H11N	080839-93-6	10
5		5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

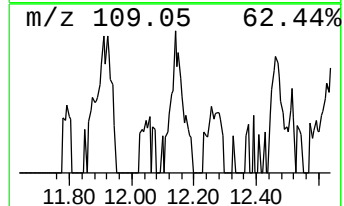
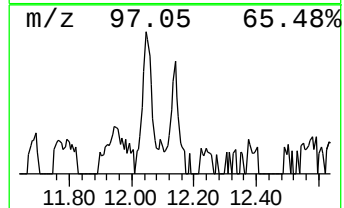
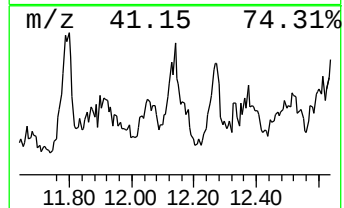
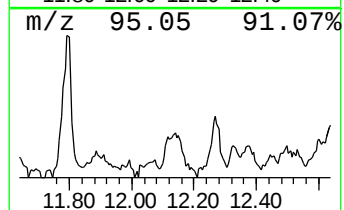
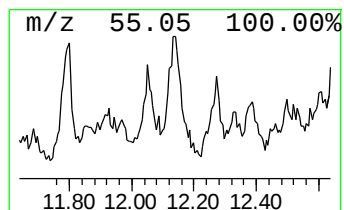
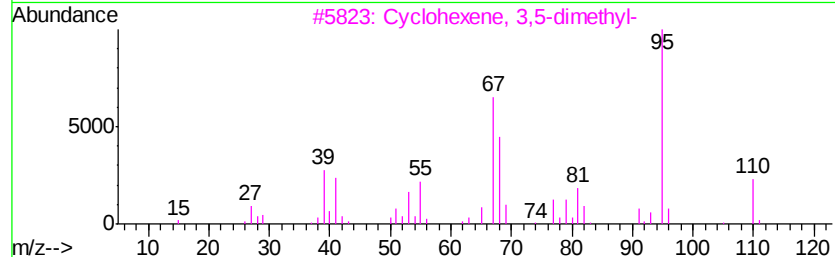
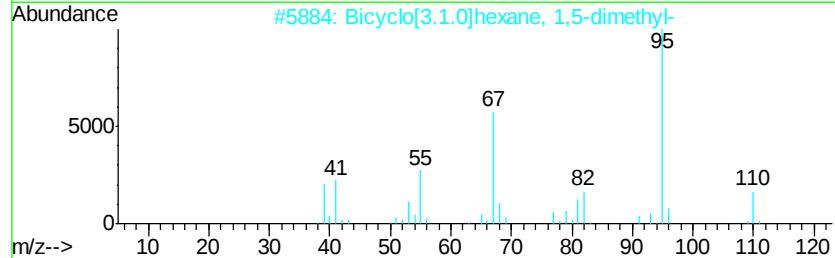
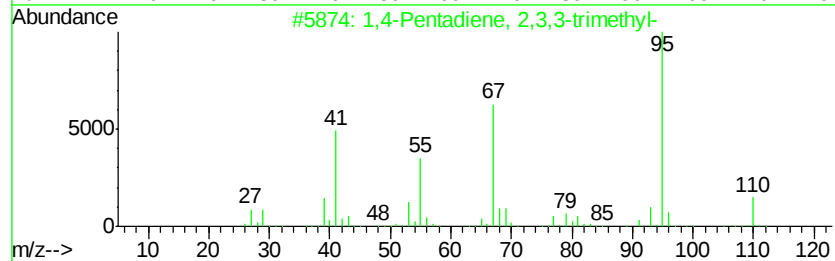
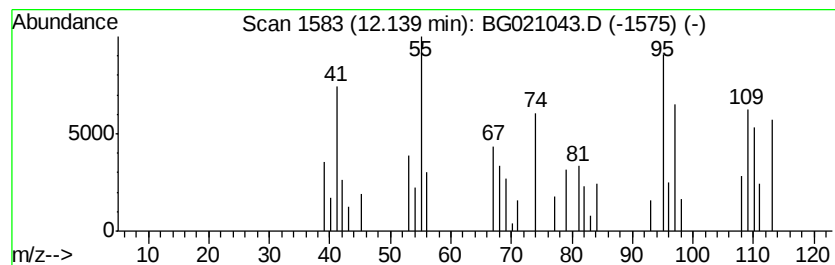
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.14 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	16.49 ng	38321	Naphthalene-d8	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	49
2		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	35
3		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	35
4		2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	32
5		R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
HW-4

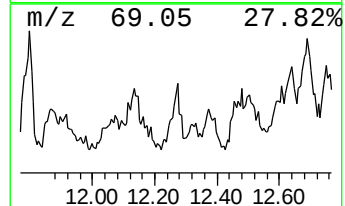
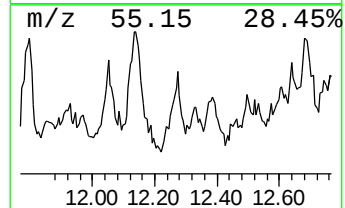
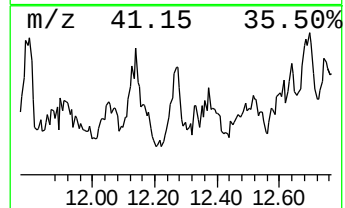
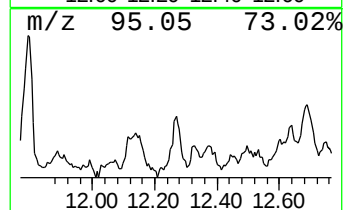
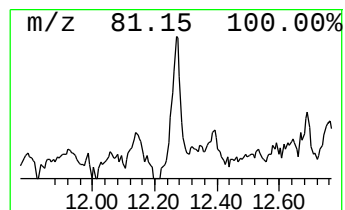
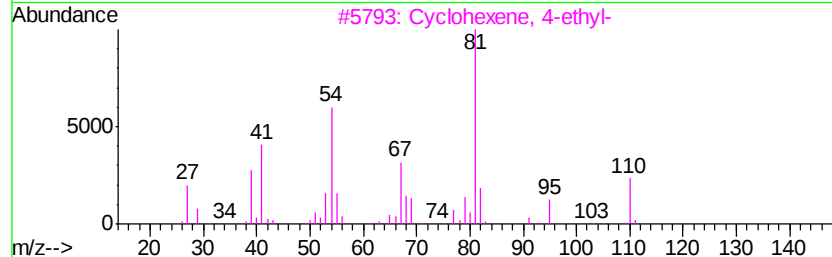
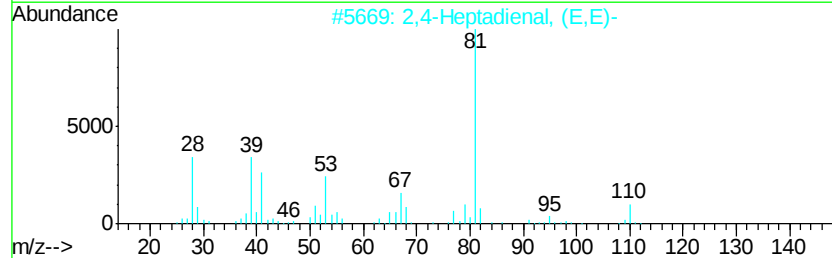
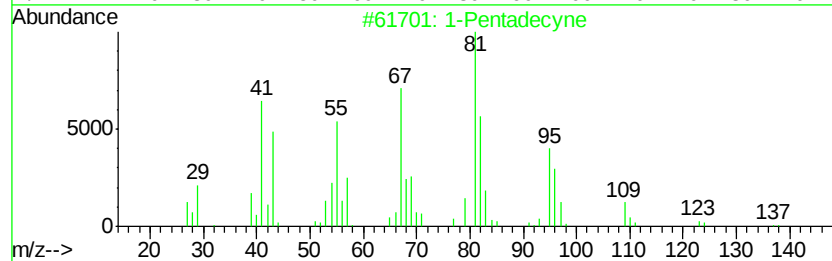
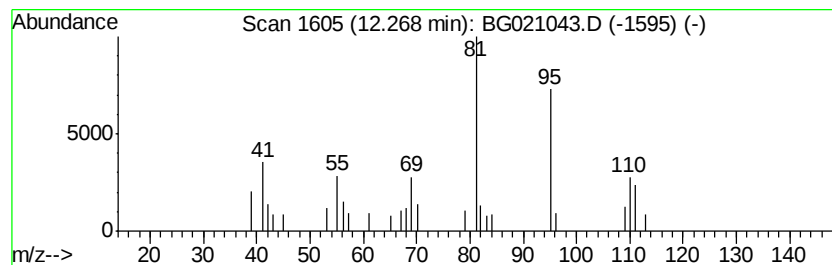
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	10.95 ng	25454	Napthalene-d8	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentadecyne	208	C15H28	000765-13-9	47
2		2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	43
3		Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	43
4		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

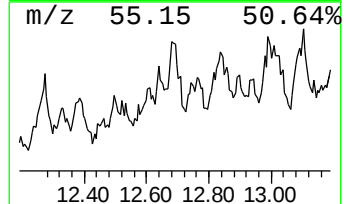
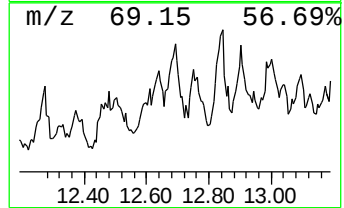
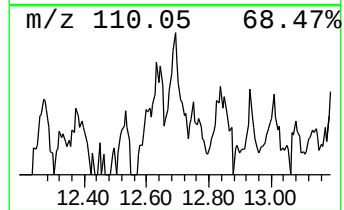
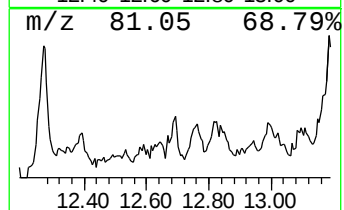
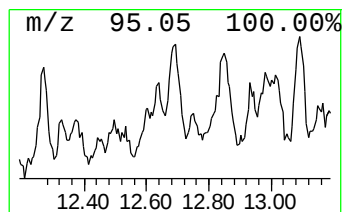
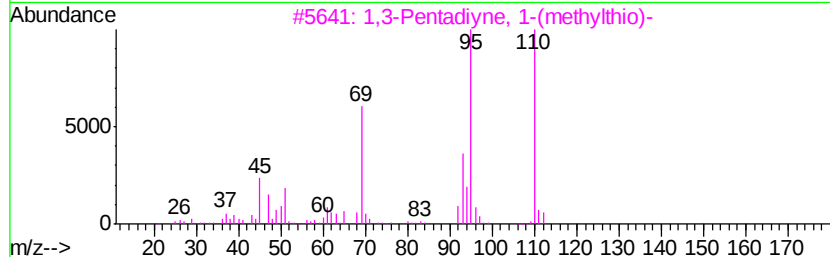
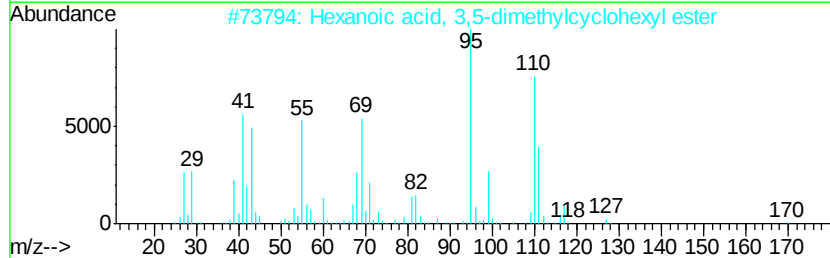
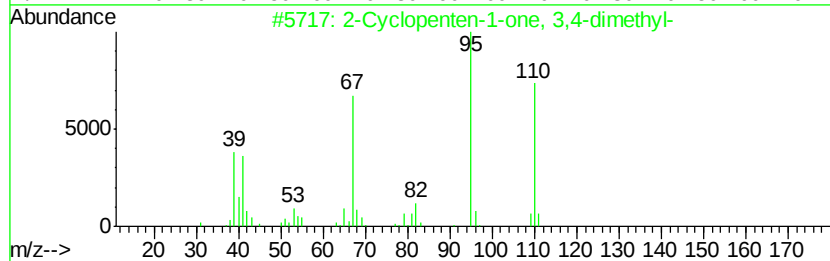
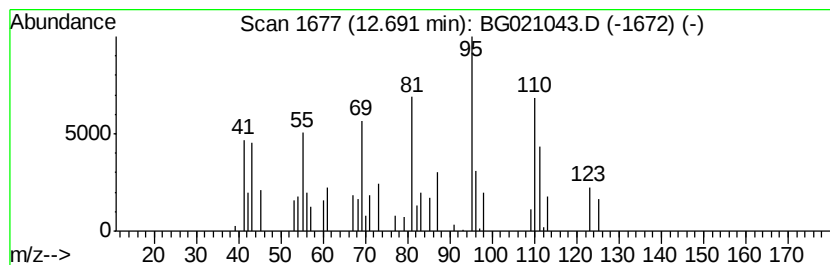
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.69 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	10.47 ng	24334	Naphthalene-d8	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	38
2		Hexanoic acid, 3,5-dimethylcyclo...	226	C14H26O2	1000279-28-3	37
3		1,3-Pentadiyne, 1-(methylthio)-	110	C6H6S	042875-80-9	35
4		1,2-Dimethyl-4-trifluoroacetoxyc...	224	C10H15F3O2	330154-34-2	32
5		1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

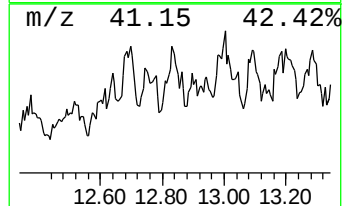
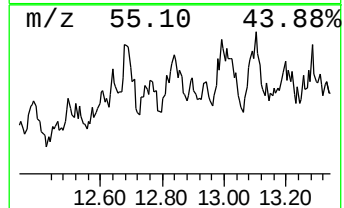
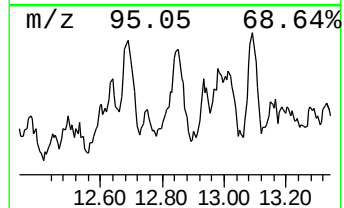
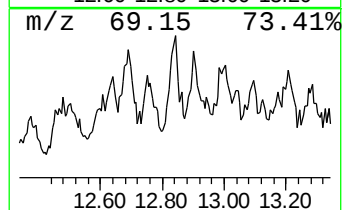
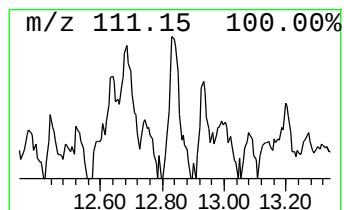
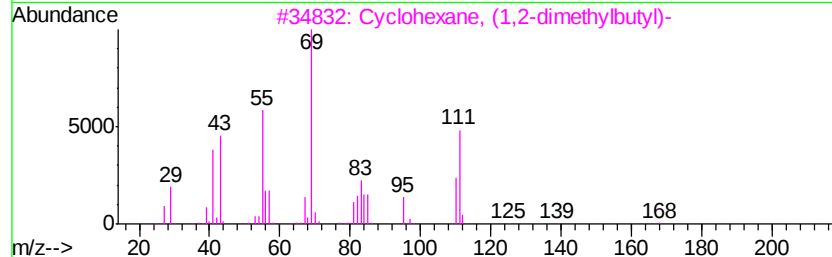
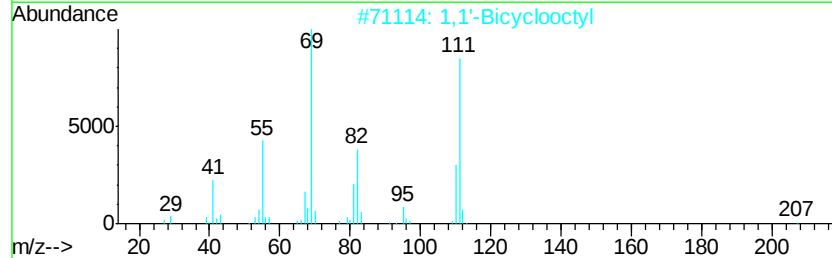
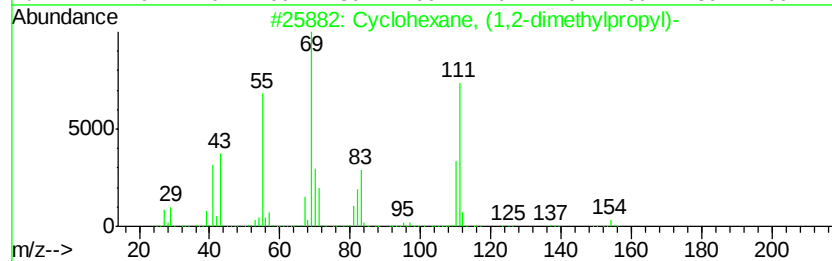
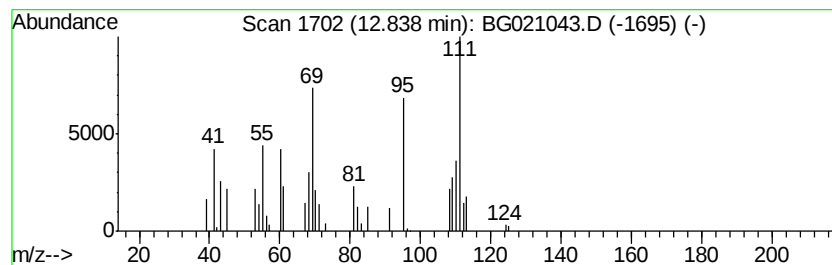
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.84 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	10.30 ng	23949	Naphthalene-d8	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	37
2		1,1'-Bicyclooctyl	222	C16H30	006708-17-4	37
3		Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	37
4		Cyclooctanemethanol	142	C9H18O	003637-63-6	32
5		Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

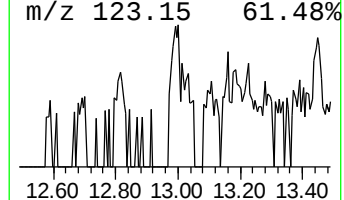
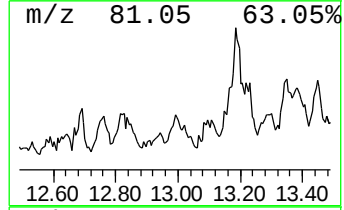
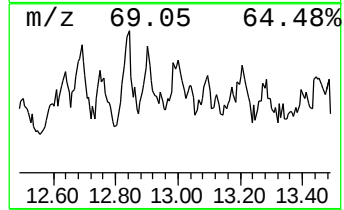
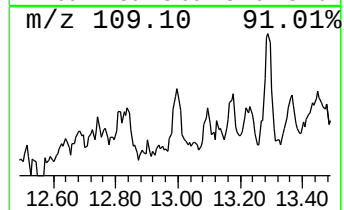
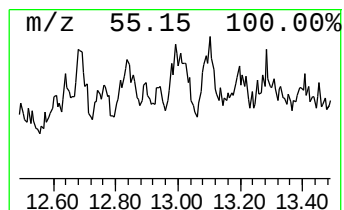
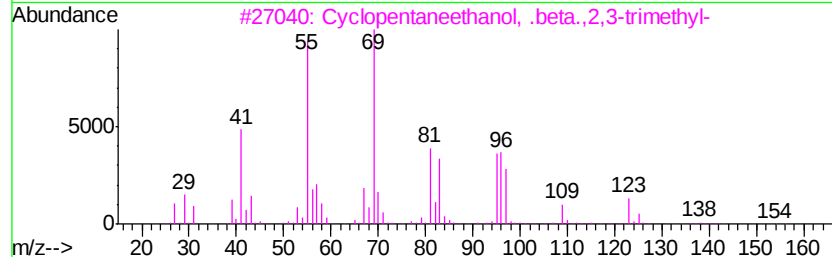
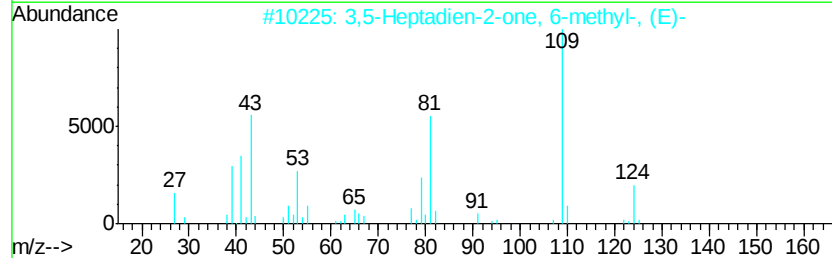
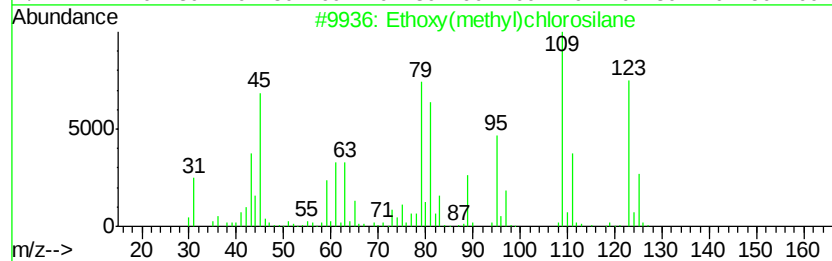
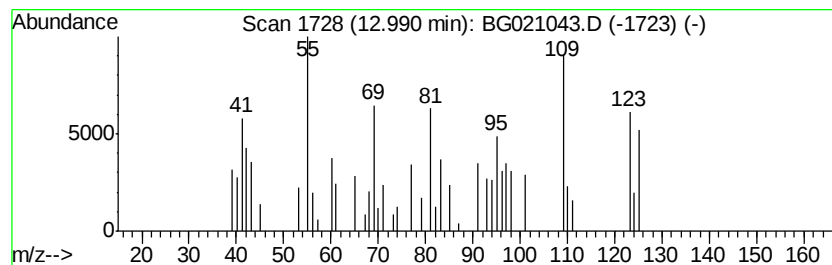
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.99 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	7.58 ng	22940	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethoxy(methyl)chlorosilane	124	C3H9ClOSi	018191-33-8	28
2		3,5-Heptadien-2-one, 6-methyl-, ...	124	C8H12O	016647-04-4	22
3		Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	16
4		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	14
5		Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

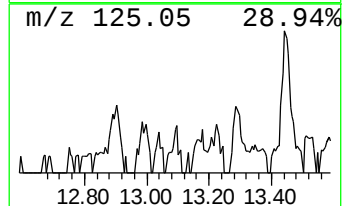
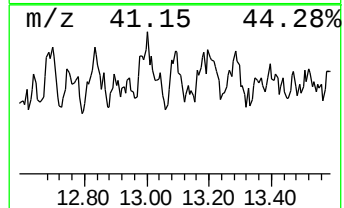
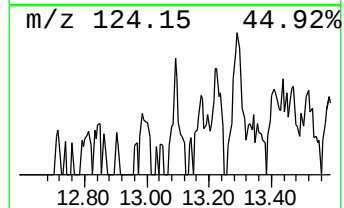
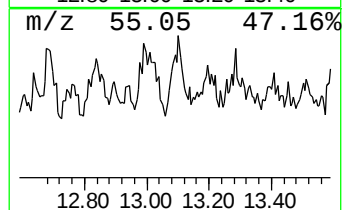
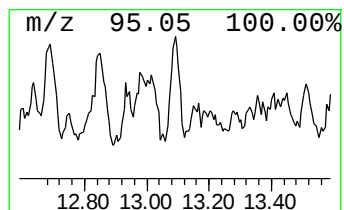
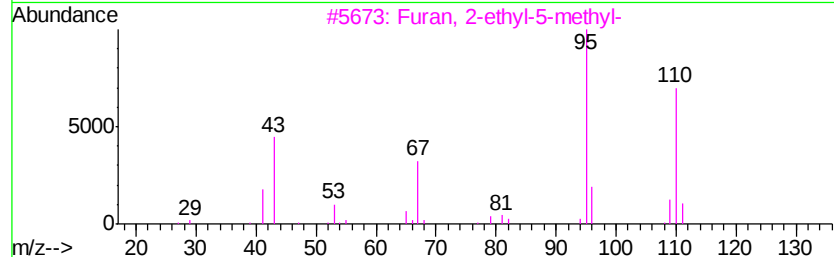
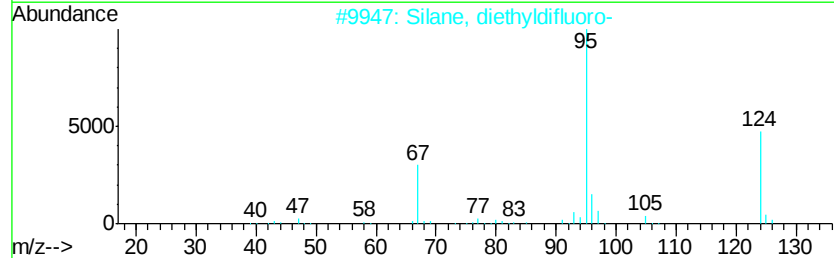
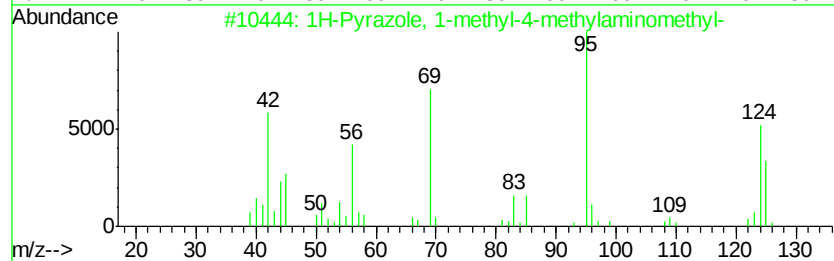
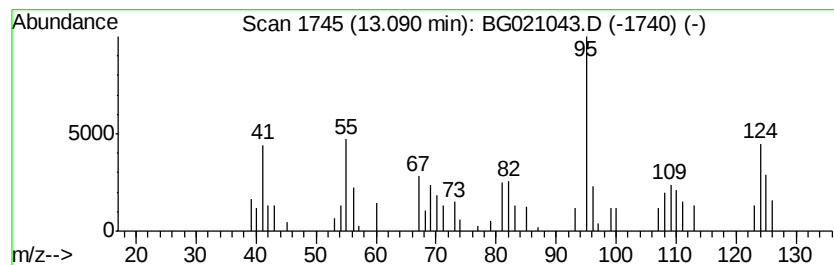
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Pyrazole, 1-methyl-4-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	7.96 ng	24099	Acenaphthene-d10	14.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazole, 1-methyl-4-methylam...	125	C6H11N3	1000294-10-8	50
2			Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	37
3			Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	35
4			cis-Bicyclo[2.2.1]heptane, 2,3-d...	124	C9H16	1000262-02-5	32
5			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

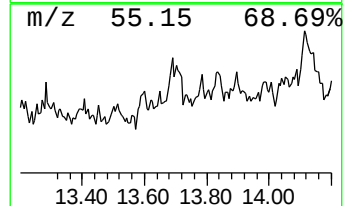
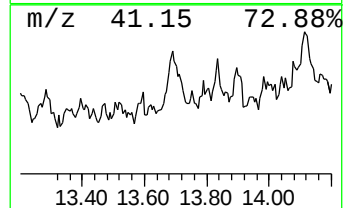
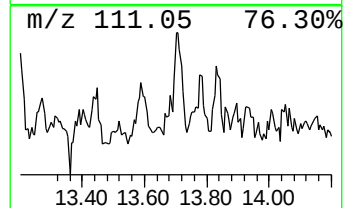
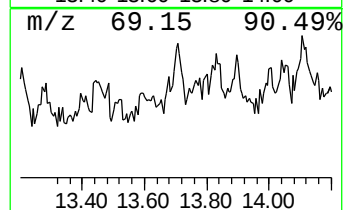
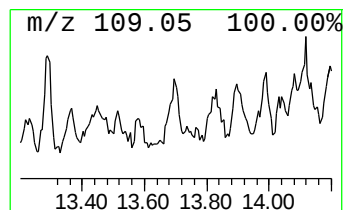
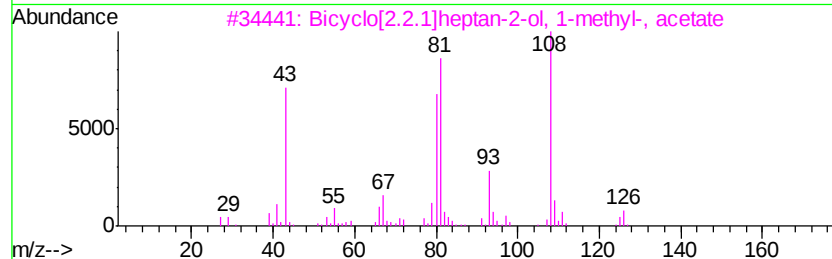
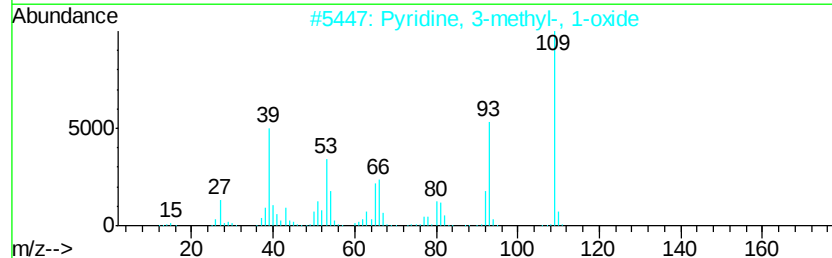
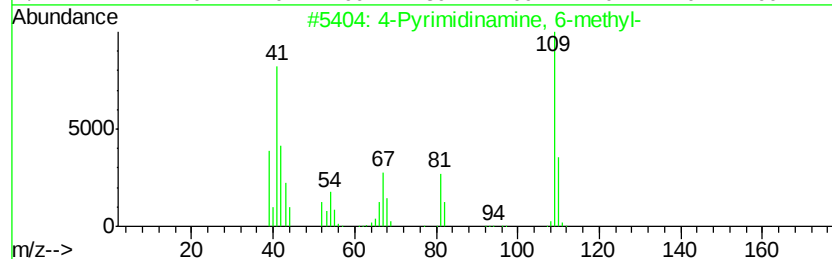
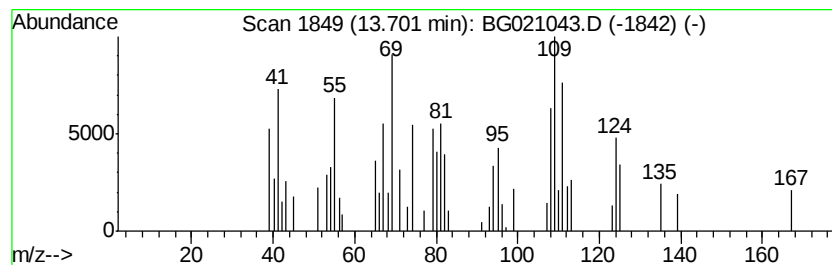
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown13.70 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	9.64 ng	29183	Acenaphthene-d10	14.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Pyrimidinamine, 6-methyl-	109	C5H7N3	003435-28-7	38
2			Pyridine, 3-methyl-, 1-oxide	109	C6H7NO	001003-73-2	35
3			Bicyclo[2.2.1]heptan-2-ol, 1-met...	168	C10H16O2	055679-39-5	35
4			2,4-Pentadienenitrile, 2-amino-4...	108	C6H8N2	1000196-09-3	22
5			2,4-Hexadienoic acid, methyl ester	126	C7H10O2	001515-80-6	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
HW-4

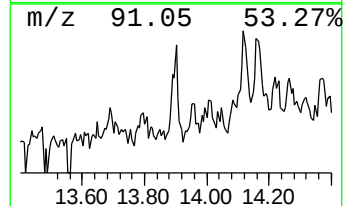
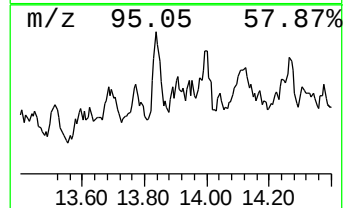
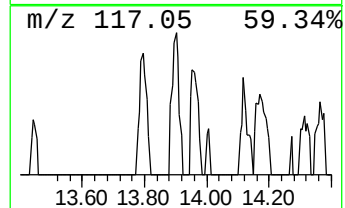
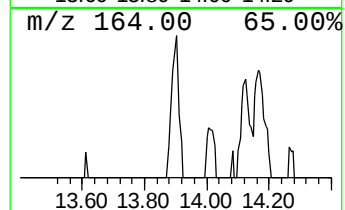
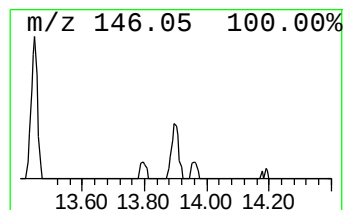
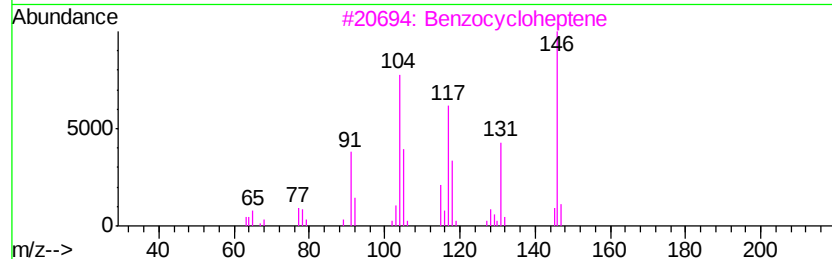
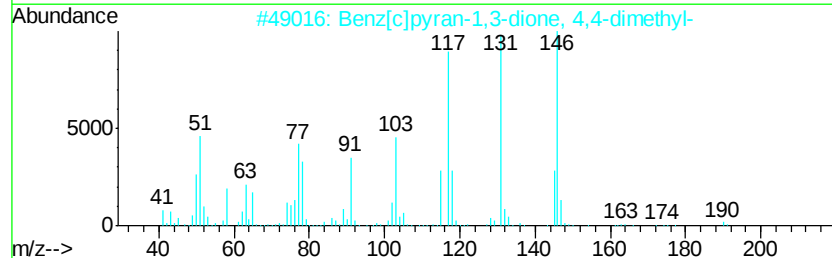
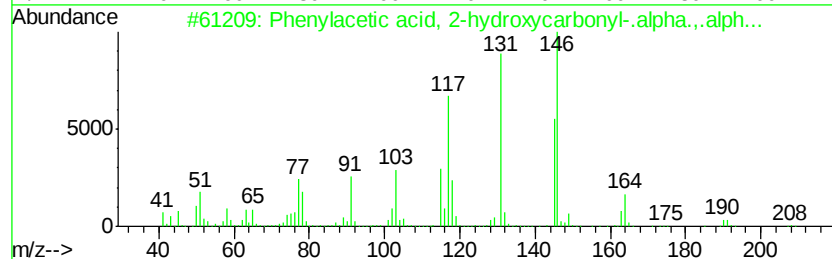
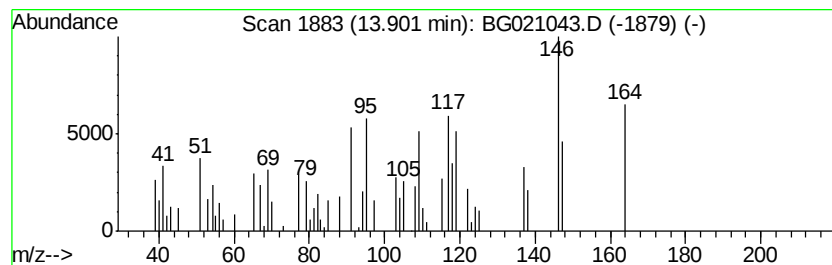
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.90 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	7.51 ng	22736	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenylacetic acid, 2-hydroxycarb...	208	C11H12O4	040484-15-9	22
2		Benz[c]pyran-1,3-dione, 4,4-dime...	190	C11H10O3	031952-55-3	22
3		Benzocycloheptene	146	C11H14	001075-16-7	22
4		1-Benzylazetidine	147	C10H13N	007730-39-4	22
5		1-Phenylpyrrolidine	147	C10H13N	004096-21-3	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

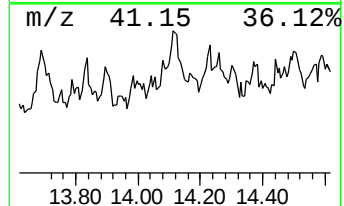
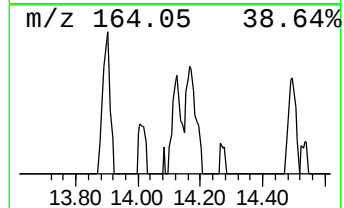
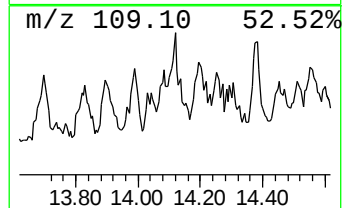
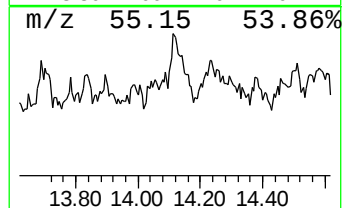
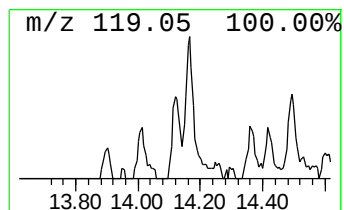
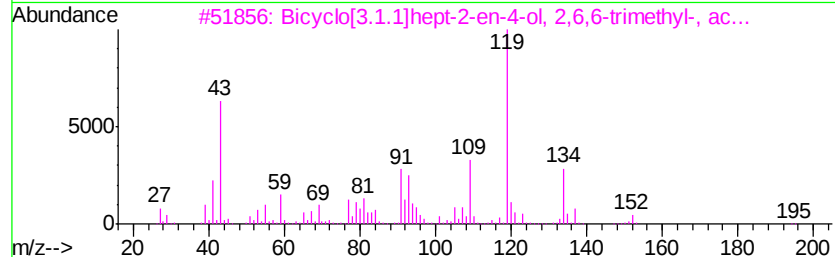
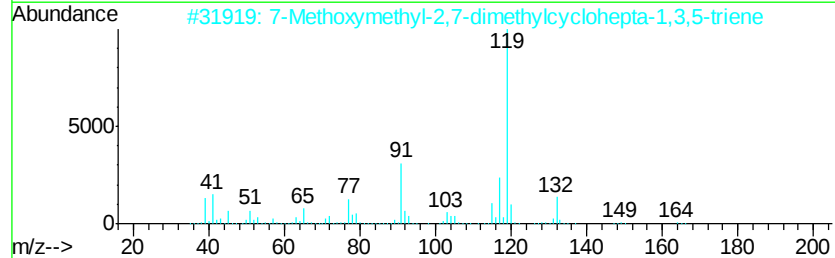
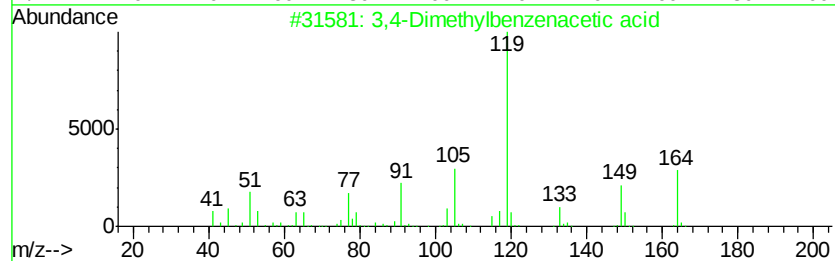
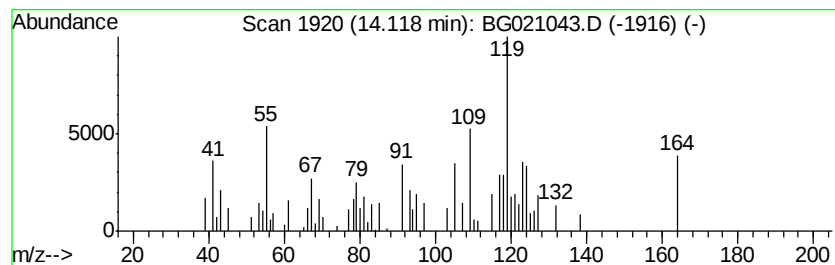
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	8.13 ng	24610	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	25
2		7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	16
3		Bicyclo[3.1.1]hept-2-en-4-ol, 2,...	194	C12H18O2	1000195-66-0	12
4		Acetonitrile, 2-{4-[(dimethylami...	163	C9H13N3	1000197-65-5	12
5		Bicyclo[3.1.1]hept-2-en-6-ol, 2,...	194	C12H18O2	050764-55-1	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

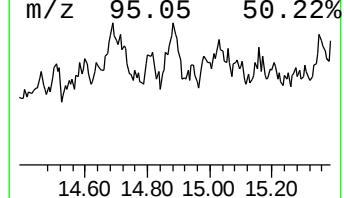
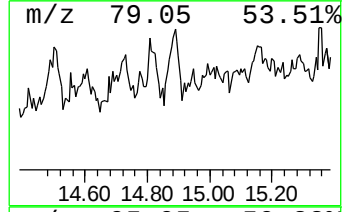
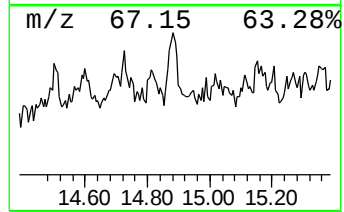
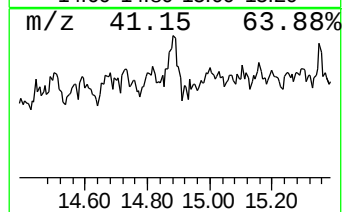
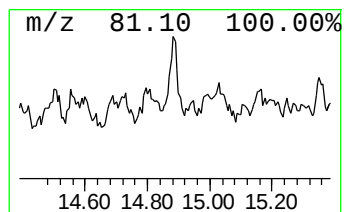
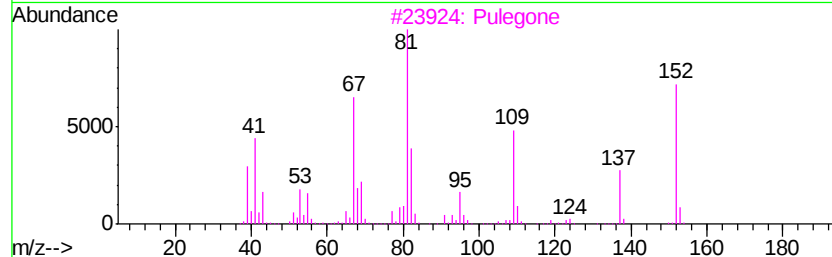
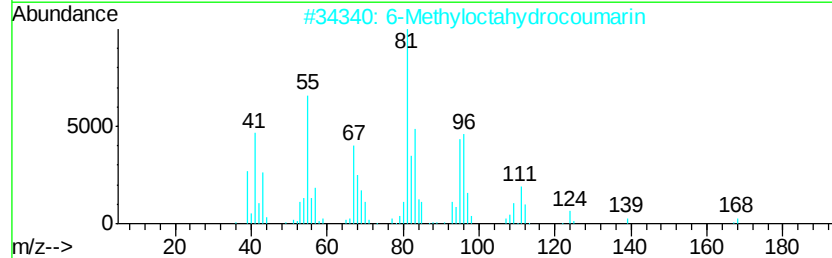
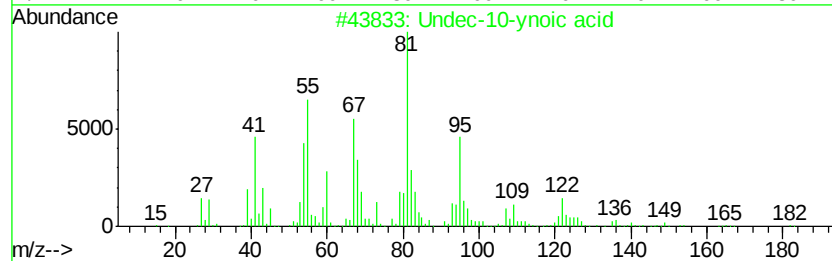
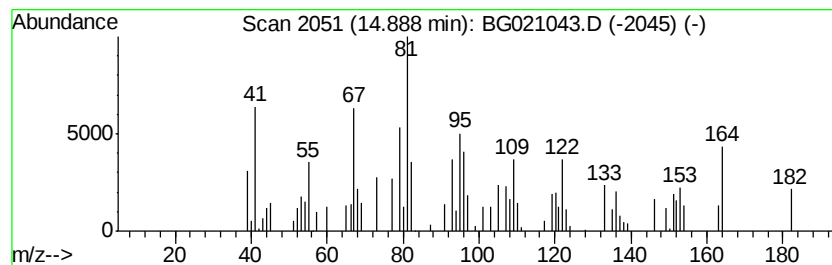
Instrument :
BNA_G
ClientSampled :
HW-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.89	14.00 ng	42354	Acenaphthene-d10	14.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undec-10-ynoic acid	182	C11H18O2	002777-65-3	38
2	6-Methyloctahydrocoumarin	168	C10H16O2	080648-29-9	38
3	Pulegone	152	C10H16O	000089-82-7	35
4	Spiro[2.5]octane-1,1-dicarbonitr...	174	C11H14N2	1000151-43-1	27
5	2-Oxaadamantan-6-ol	154	C9H14O2	058512-55-3	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

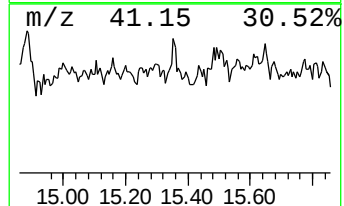
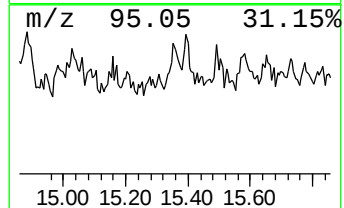
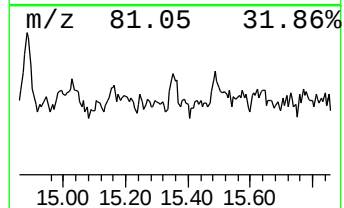
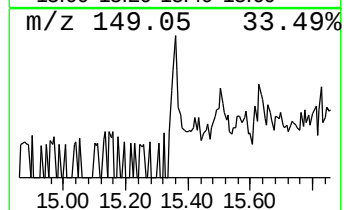
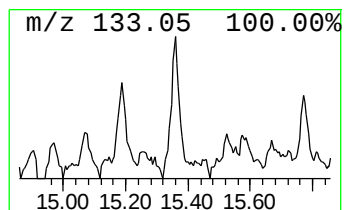
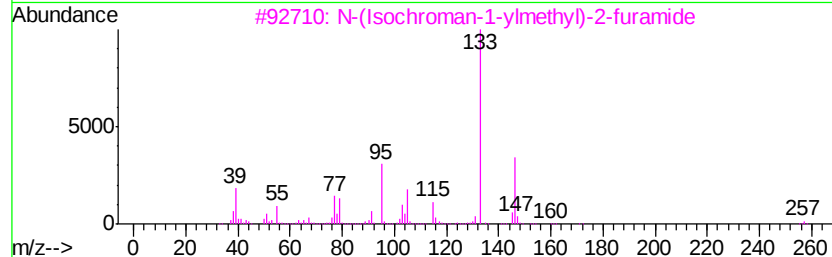
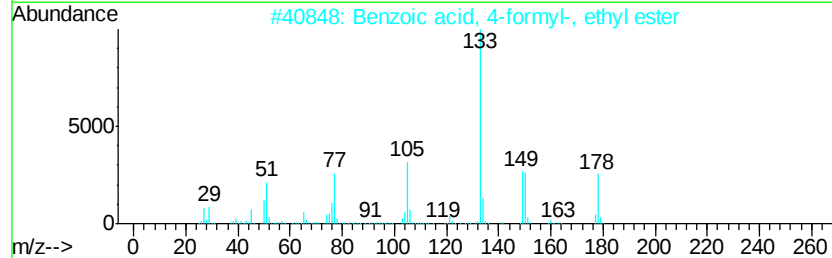
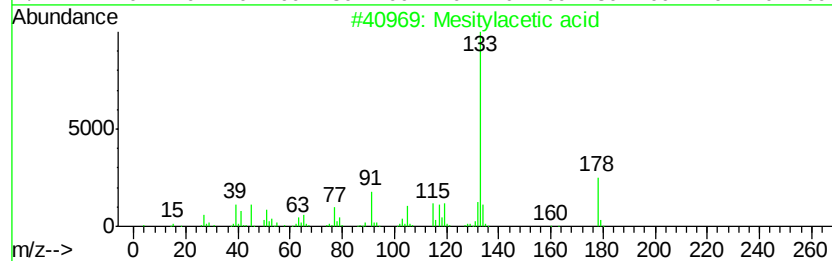
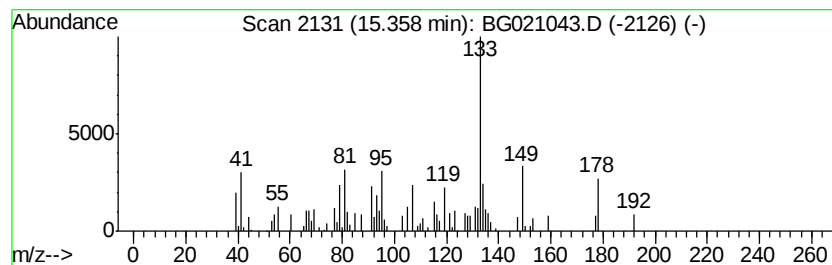
Instrument :
BNA_G
ClientSampleId :
HW-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.36 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.36	9.34 ng	28257	Acenaphthene-d10		14.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylacetic acid	178	C11H14O2	004408-60-0	46
2	Benzoic acid, 4-formyl-, ethyl e...	178	C10H10O3	006287-86-1	37
3	N-(Isochroman-1-ylmethyl)-2-fura...	257	C15H15N03	050683-69-7	35
4	1,4-Bis[methyl(trimethylene)sily...	258	C12H26O2Si2	1000217-00-3	32
5	Benzeneacetaldehyde, .alpha.,2,5...	162	C11H14O	052417-50-2	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

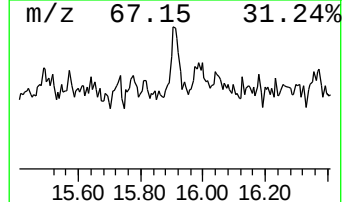
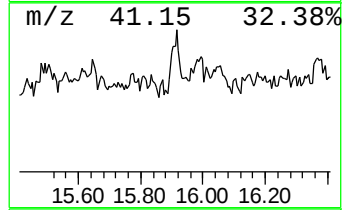
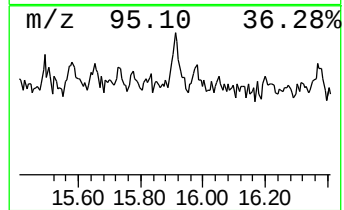
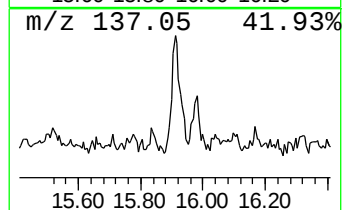
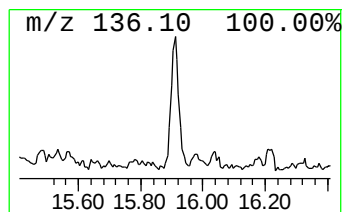
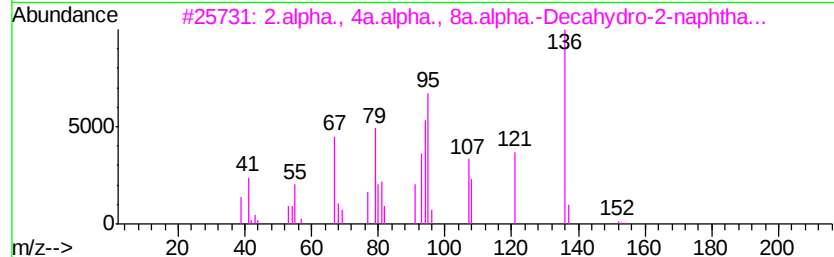
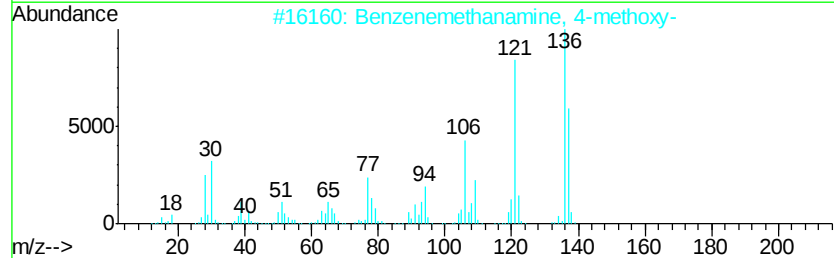
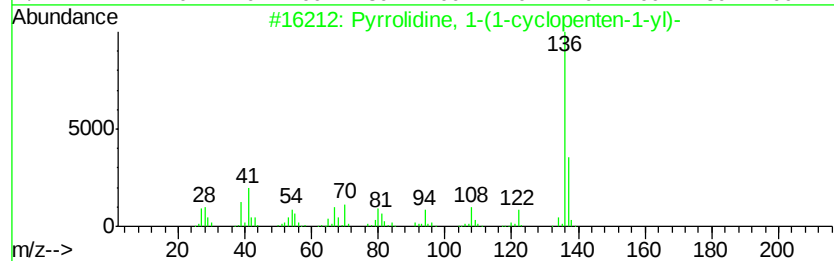
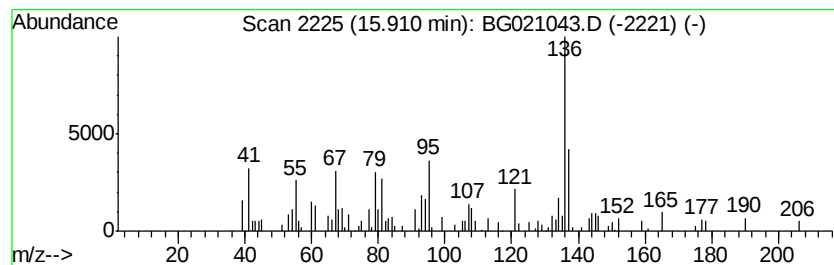
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrrolidine, 1-(1-cyclopent... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	13.76 ng	41635	Acenaphthene-d10	14.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrrolidine, 1-(1-cyclopenten-1-...	137	C9H15N	007148-07-4	53
2		Benzenemethanamine, 4-methoxy-	137	C8H11NO	002393-23-9	53
3		2.alpha., 4a.alpha., 8a.alpha.-D...	154	C10H18O	001424-36-8	47
4		2.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	001424-37-9	47
5		5-Methylene-1,3a,4,5,6,6a-hexahy...	136	C9H12O	1000193-00-3	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

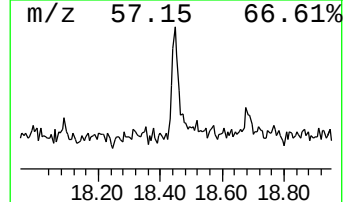
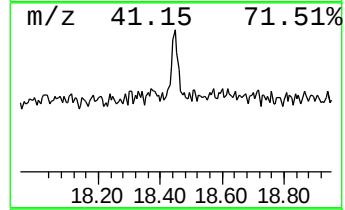
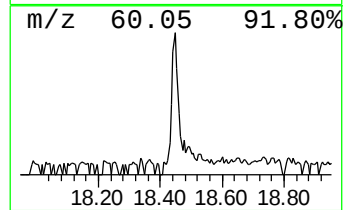
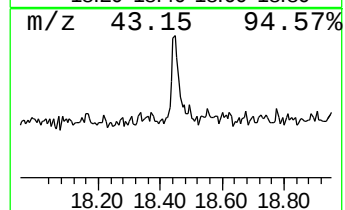
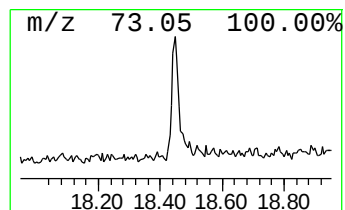
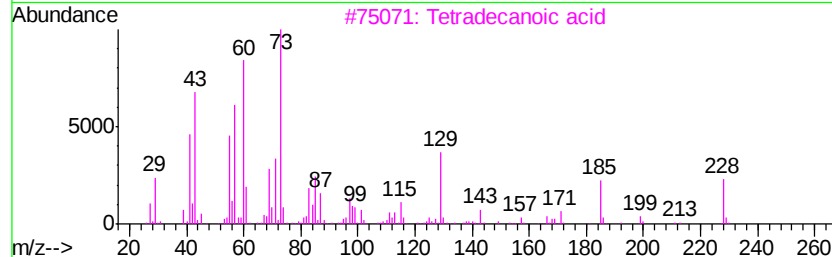
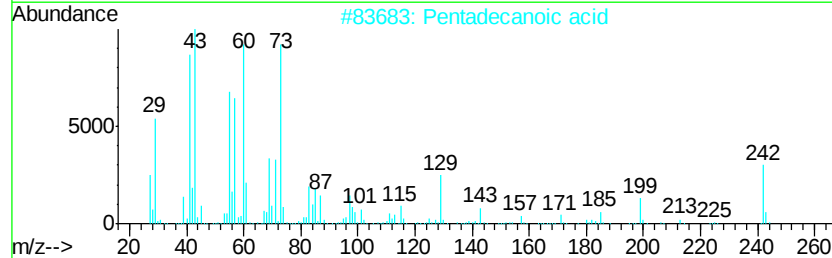
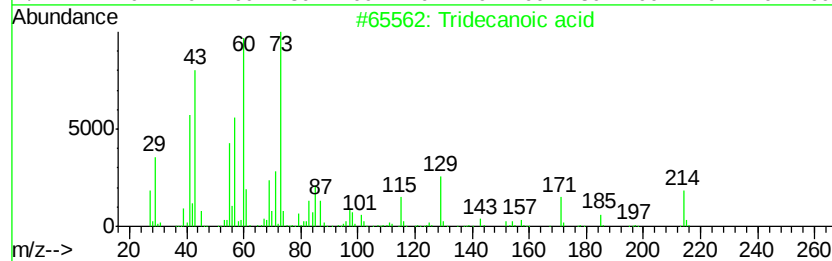
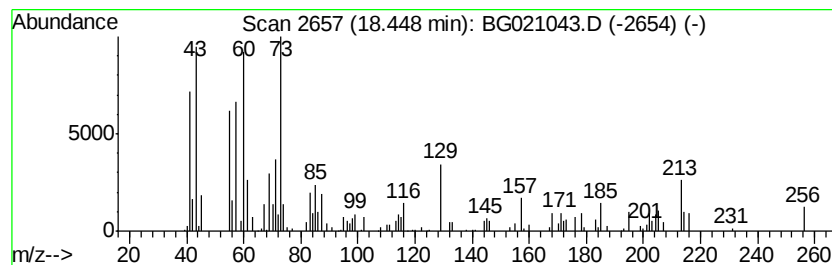
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	8.66 ng	25610	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	74
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4			Dodecanoic acid	200	C12H24O2	000143-07-7	58
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021043.D
Acq On : 24 Feb 2016 2:36
Operator : UM/SJ
Sample : H1507-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-4

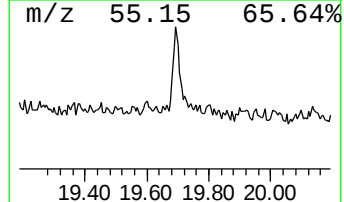
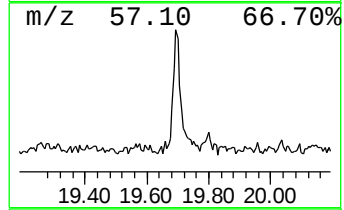
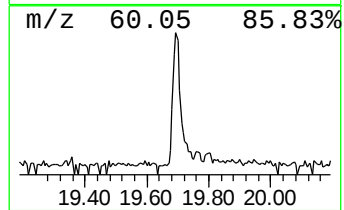
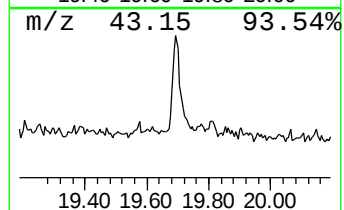
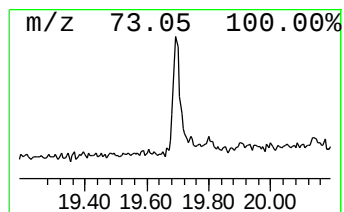
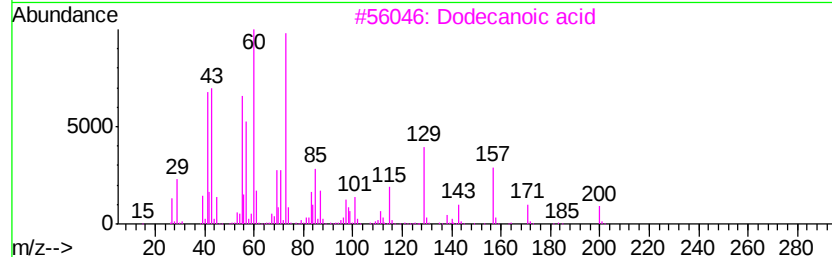
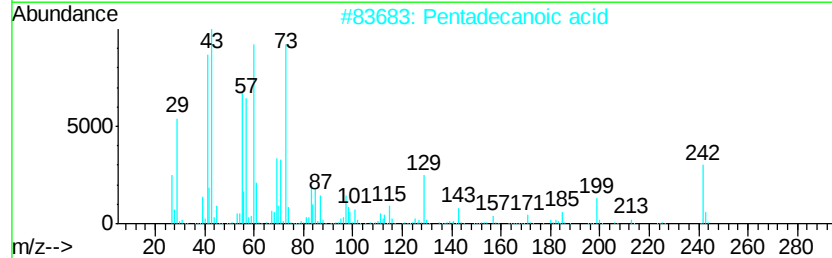
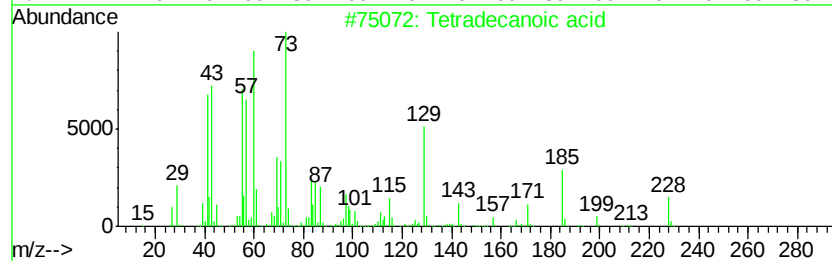
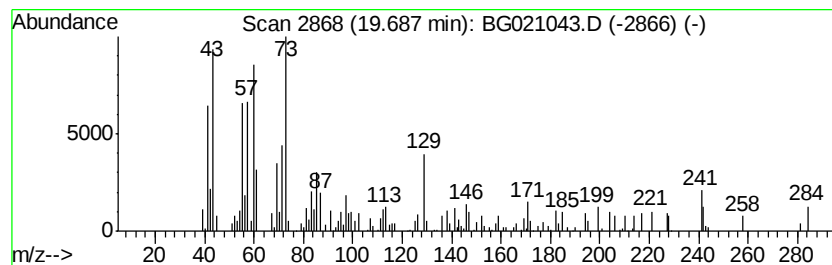
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	16.92 ng	50055	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021043.D
 Acq On : 24 Feb 2016 2:36
 Operator : UM/SJ
 Sample : H1507-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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
1-Pentene, 2-methyl-	3.20	13.3	ng	15561	1	8.20	23407	20.0
unknown7.75	7.75	115.7	ng	135441	1	8.20	23407	20.0
2-Amino-4-methylb...	11.79	17.0	ng	39500	2	11.03	46483	20.0
unknown12.05	12.05	7.7	ng	17900	2	11.03	46483	20.0
unknown12.14	12.14	16.5	ng	38321	2	11.03	46483	20.0
unknown12.27	12.27	10.9	ng	25454	2	11.03	46483	20.0
unknown12.69	12.69	10.5	ng	24334	2	11.03	46483	20.0
unknown12.84	12.84	10.3	ng	23949	2	11.03	46483	20.0
unknown12.99	12.99	7.6	ng	22940	3	14.82	60517	20.0
1H-Pyrazole, 1-me...	13.09	8.0	ng	24099	3	14.82	60517	20.0
unknown13.70	13.70	9.6	ng	29183	3	14.82	60517	20.0
unknown13.90	13.90	7.5	ng	22736	3	14.82	60517	20.0
unknown14.12	14.12	8.1	ng	24610	3	14.82	60517	20.0
unknown14.89	14.89	14.0	ng	42354	3	14.82	60517	20.0
unknown15.36	15.36	9.3	ng	28257	3	14.82	60517	20.0
Pyrrolidine, 1-(1...	15.91	13.8	ng	41635	3	14.82	60517	20.0
Tridecanoic acid	18.45	8.7	ng	25610	4	17.56	59164	20.0
Tetradecanoic acid	19.69	16.9	ng	50055	4	17.56	59164	20.0