

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021204.D
 Acq On : 2 Mar 2016 4:21
 Operator : UM/SJ
 Sample : H1579-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-44(7-9)

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-BG022916.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	2.915	9	13	27	rVB	24116	55836	2.18%	0.353%
2	3.056	32	37	57	rBV	1775068	2563699	100.00%	16.211%
3	3.203	57	62	71	rVB	23972	44975	1.75%	0.284%
4	5.236	402	408	416	rVB	68263	109545	4.27%	0.693%
5	5.700	480	487	499	rBV	317351	519306	20.26%	3.284%
6	7.298	751	759	771	rVB	360627	614623	23.97%	3.887%
7	7.680	812	824	833	rVB	345645	603370	23.54%	3.815%
8	8.150	899	904	909	rVB	52315	85429	3.33%	0.540%
9	8.473	953	959	970	rVB	250123	443051	17.28%	2.802%
10	8.991	1041	1047	1051	rBV4	13474	28280	1.10%	0.179%
11	9.314	1096	1102	1113	rVB	231736	434641	16.95%	2.748%
12	9.878	1193	1198	1208	rVB4	21926	52358	2.04%	0.331%
13	10.036	1213	1225	1227	rBV7	12142	34337	1.34%	0.217%
14	10.072	1227	1231	1236	rVV2	22898	37177	1.45%	0.235%
15	10.136	1236	1242	1253	rVB7	29463	55969	2.18%	0.354%
16	10.530	1303	1309	1318	rBV7	9966	32623	1.27%	0.206%
17	10.671	1324	1333	1338	rBV7	14235	34474	1.34%	0.218%
18	10.959	1376	1382	1390	rVB	81616	154940	6.04%	0.980%
19	11.094	1396	1405	1412	rVB6	35042	95107	3.71%	0.601%
20	11.170	1412	1418	1426	rBV7	21894	54056	2.11%	0.342%
21	11.382	1448	1454	1457	rVV4	14168	29199	1.14%	0.185%
22	11.441	1457	1464	1469	rVB6	26156	66369	2.59%	0.420%
23	11.646	1489	1499	1506	rBV6	49378	116425	4.54%	0.736%
24	11.864	1531	1536	1542	rVB8	23339	51782	2.02%	0.327%
25	11.958	1542	1552	1556	rBV	147738	228492	8.91%	1.445%
26	11.999	1556	1559	1563	rVV2	34585	56592	2.21%	0.358%
27	12.046	1563	1567	1573	rVB6	28992	57914	2.26%	0.366%
28	12.140	1578	1583	1589	rVB8	17443	33652	1.31%	0.213%
29	12.222	1589	1597	1601	rBV6	30079	69948	2.73%	0.442%
30	12.563	1649	1655	1661	rVB4	43129	97794	3.81%	0.618%
31	12.680	1669	1675	1682	rBV8	17461	49858	1.94%	0.315%
32	12.745	1682	1686	1688	rBV3	17224	26066	1.02%	0.165%
33	12.845	1699	1703	1708	rBV	23762	32123	1.25%	0.203%
34	12.974	1720	1725	1729	rBV6	22415	42801	1.67%	0.271%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

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-BG022916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.039	1731	1736	1743	rVB2	48833	90554	3.53%	0.573%
36	13.286	1773	1778	1785	rVB	216324	321420	12.54%	2.032%
37	13.385	1789	1795	1805	rVB	557788	866512	33.80%	5.479%
38	13.550	1819	1823	1835	rBV7	51906	155595	6.07%	0.984%
39	13.703	1847	1849	1852	rVB3	31138	30639	1.20%	0.194%
40	13.808	1864	1867	1874	rVB5	32757	51860	2.02%	0.328%
41	13.914	1883	1885	1889	rVB4	26196	28847	1.13%	0.182%
42	14.038	1902	1906	1909	rBV5	20191	29440	1.15%	0.186%
43	14.184	1926	1931	1934	rBV3	100798	189578	7.39%	1.199%
44	14.226	1934	1938	1942	rVB	344481	464085	18.10%	2.935%
45	14.490	1978	1983	1985	rBV3	44979	80801	3.15%	0.511%
46	14.584	1995	1999	2004	rVB2	99177	155499	6.07%	0.983%
47	14.719	2017	2022	2023	rBV4	55725	81700	3.19%	0.517%
48	14.754	2024	2028	2035	rVB4	136678	242325	9.45%	1.532%
49	14.837	2039	2042	2046	rVB5	49639	70320	2.74%	0.445%
50	14.972	2059	2065	2071	rVB5	64393	157171	6.13%	0.994%
51	15.042	2074	2077	2079	rBV2	19098	26658	1.04%	0.169%
52	15.142	2089	2094	2101	rVB3	102779	175174	6.83%	1.108%
53	15.260	2110	2114	2127	rVB5	81453	206737	8.06%	1.307%
54	15.371	2128	2133	2137	rBV2	90022	158909	6.20%	1.005%
55	15.412	2137	2140	2145	rVB	57908	80899	3.16%	0.512%
56	15.465	2146	2149	2154	rVB4	40231	58998	2.30%	0.373%
57	15.542	2156	2162	2164	rBV5	71930	129189	5.04%	0.817%
58	15.794	2200	2205	2208	rBV4	63823	119932	4.68%	0.758%
59	16.200	2272	2274	2276	rBV2	30070	34411	1.34%	0.218%
60	16.241	2276	2281	2286	rVB	379112	537544	20.97%	3.399%
61	16.464	2313	2319	2325	rBV	777020	1112663	43.40%	7.036%
62	17.281	2453	2458	2463	rBV	407255	606282	23.65%	3.834%
63	17.498	2489	2495	2502	rBV3	151772	275418	10.74%	1.742%
64	17.886	2557	2561	2566	rBV	147060	232439	9.07%	1.470%
65	19.531	2837	2841	2847	rVB	305767	453698	17.70%	2.869%
66	19.895	2899	2903	2911	rVB	278327	417302	16.28%	2.639%
67	20.083	2931	2935	2947	rVB	851812	1158723	45.20%	7.327%

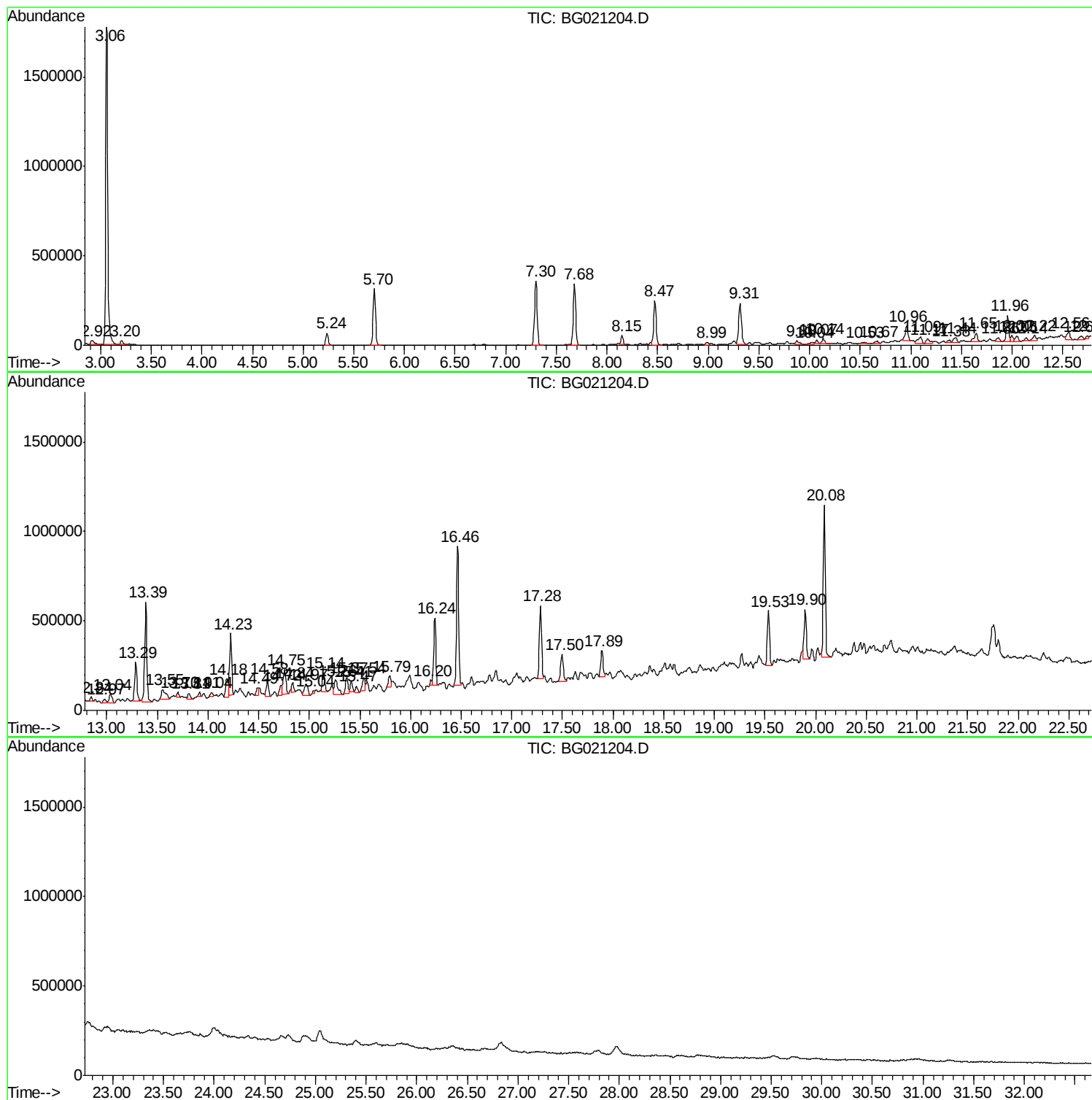
Sum of corrected areas: 15814133

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.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\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

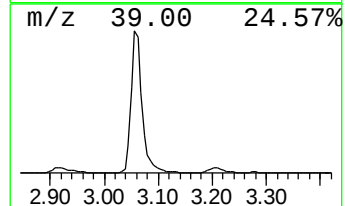
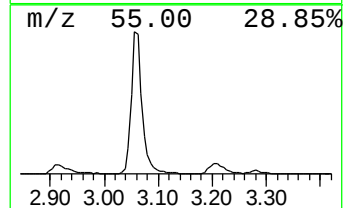
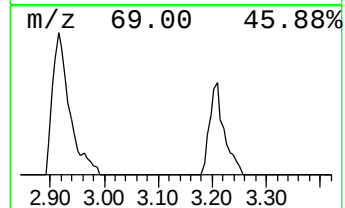
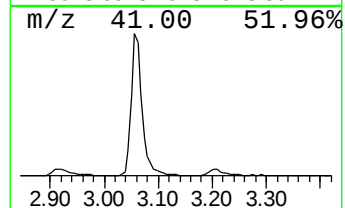
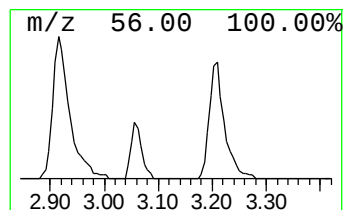
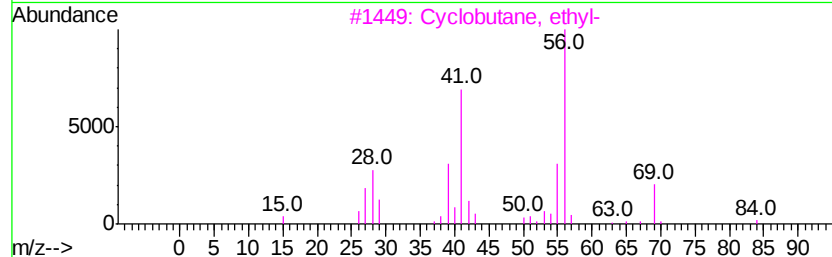
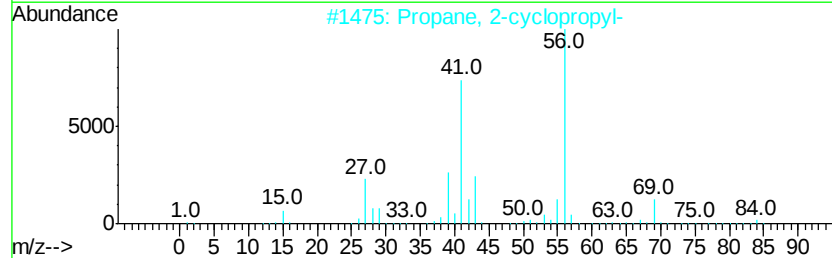
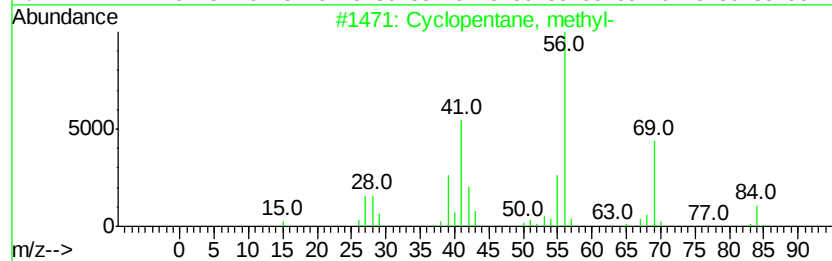
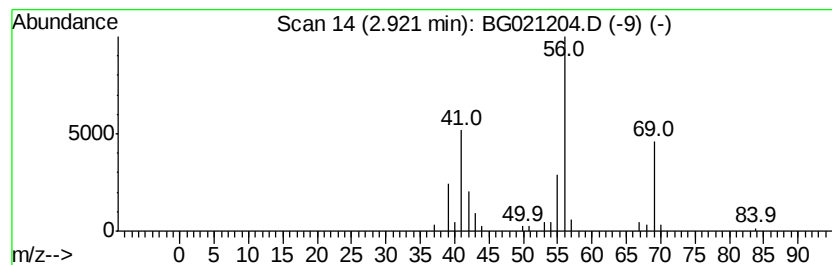
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	13.07 ng	55836	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4		Cyclobutane	56	C4H8	000287-23-0	58
5		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

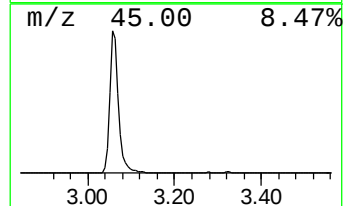
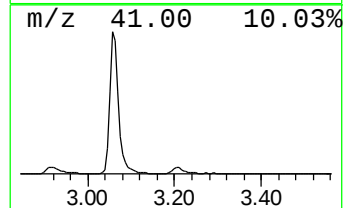
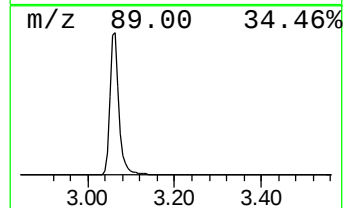
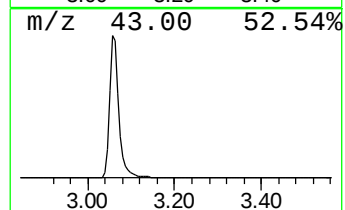
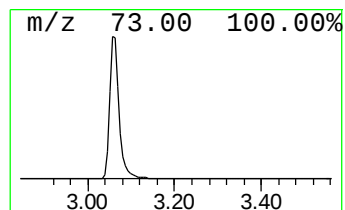
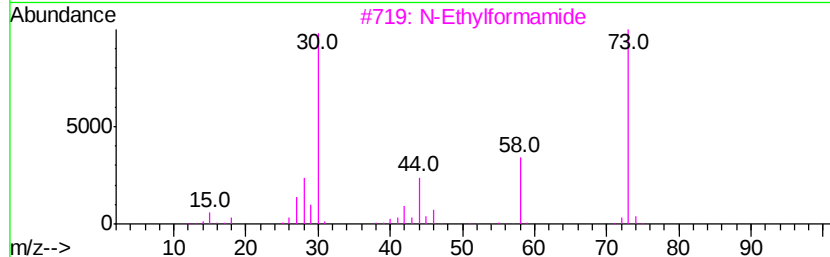
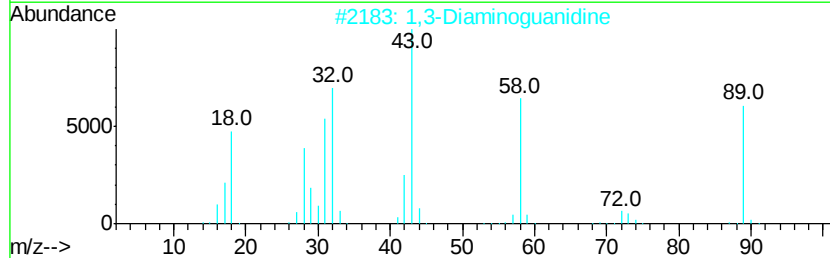
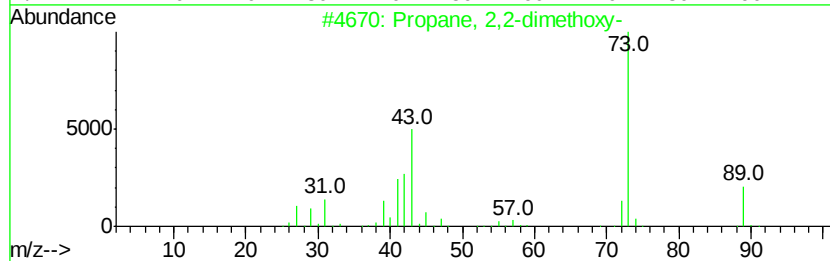
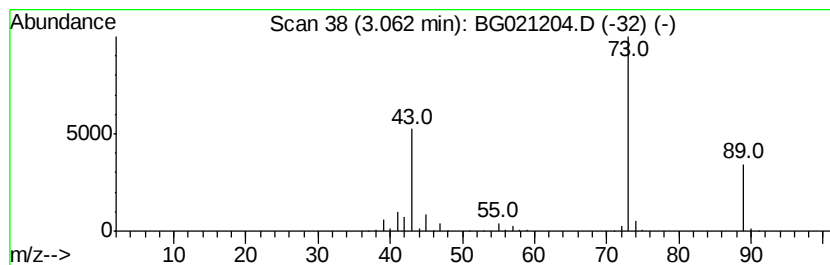
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	600.19 ng	2563700	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

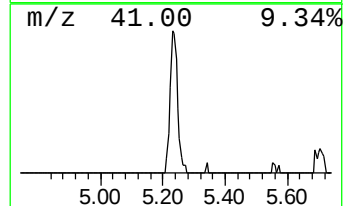
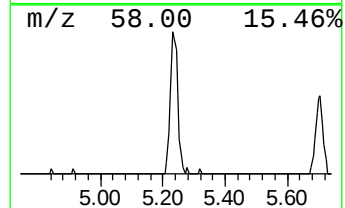
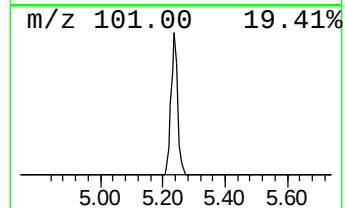
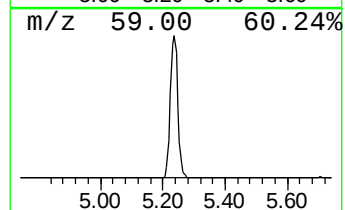
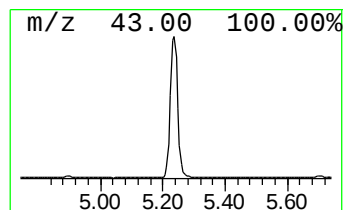
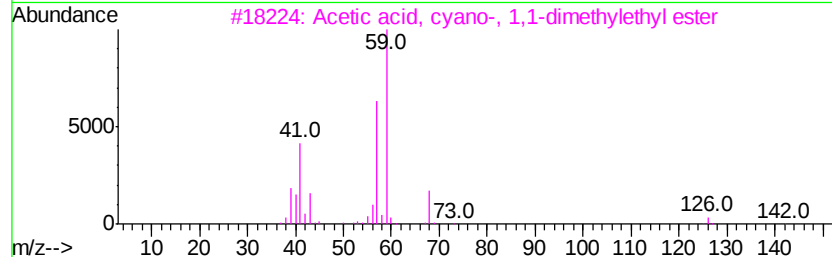
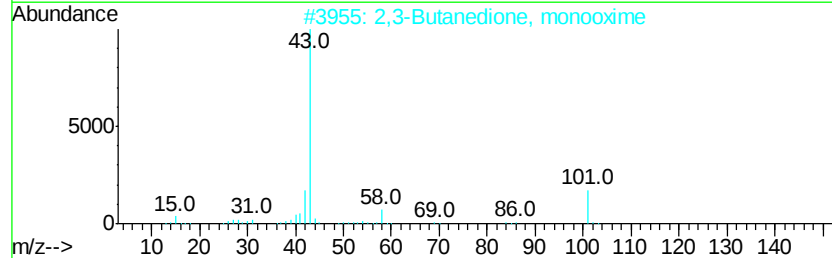
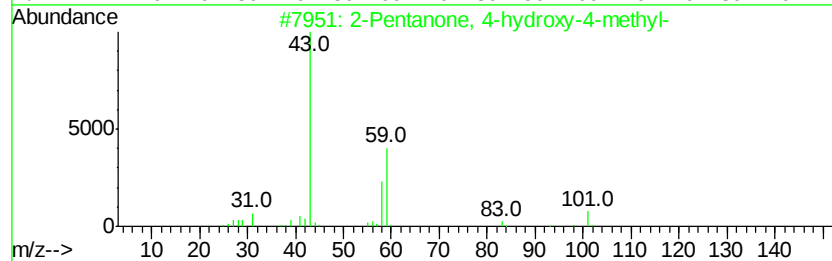
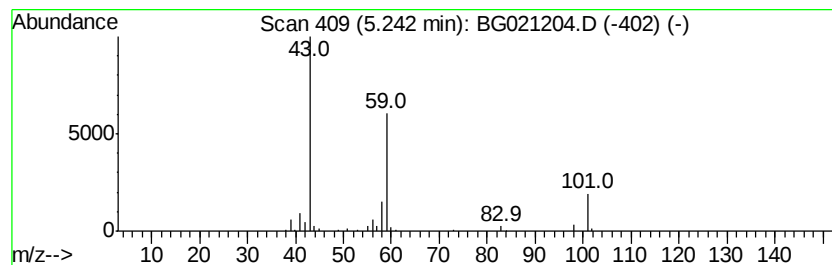
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown5.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	25.65 ng	109545	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

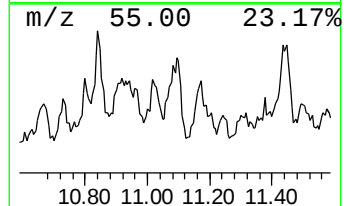
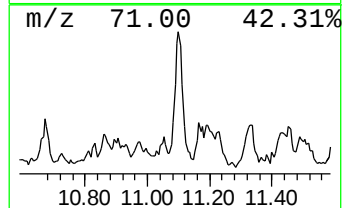
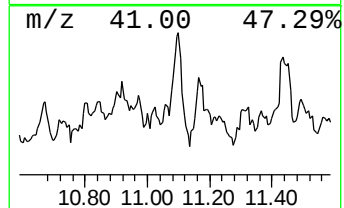
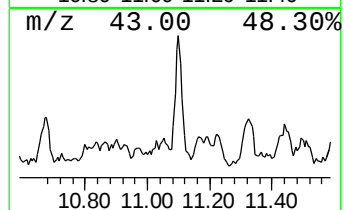
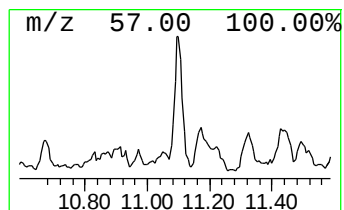
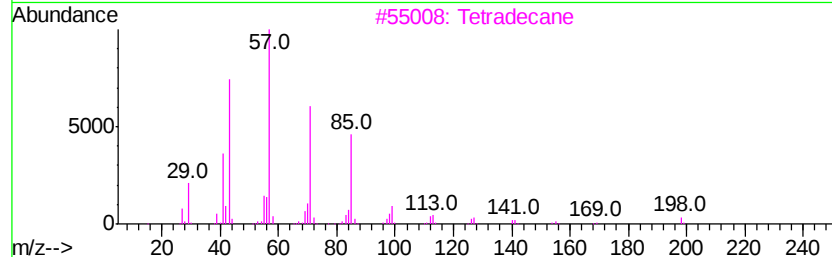
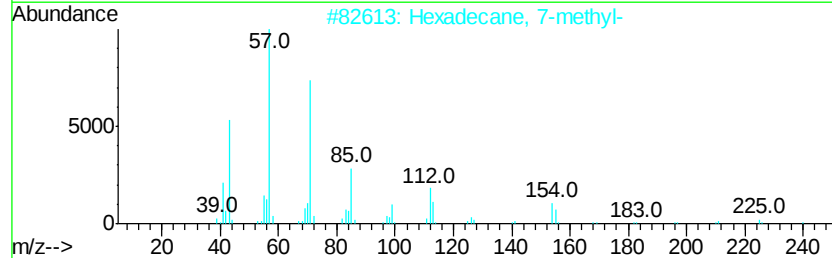
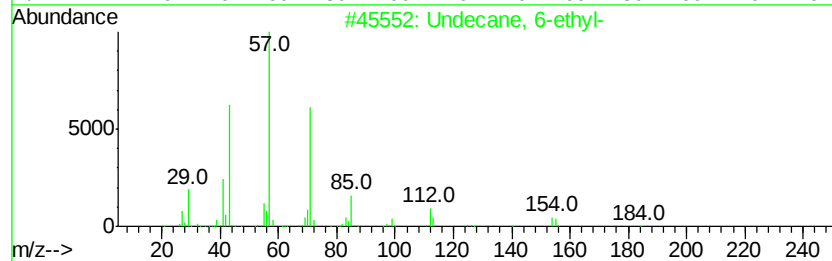
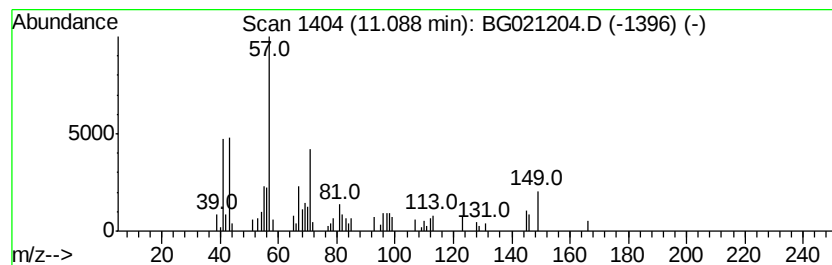
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 6-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	12.28 ng	95107	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	53
2		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53
3		Tetradecane	198	C14H30	000629-59-4	53
4		Tridecane	184	C13H28	000629-50-5	50
5		Eicosane	282	C20H42	000112-95-8	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

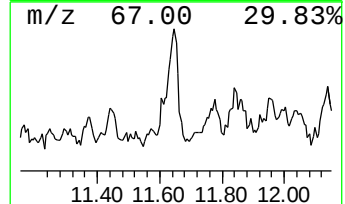
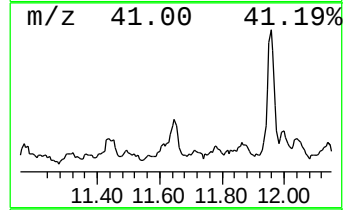
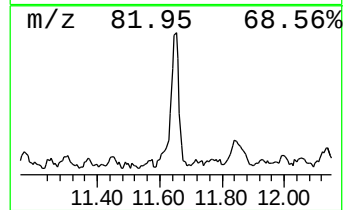
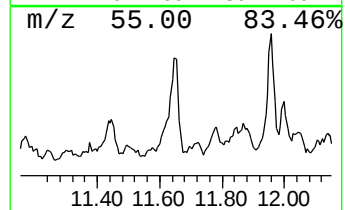
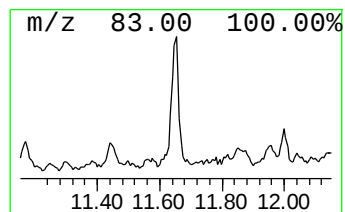
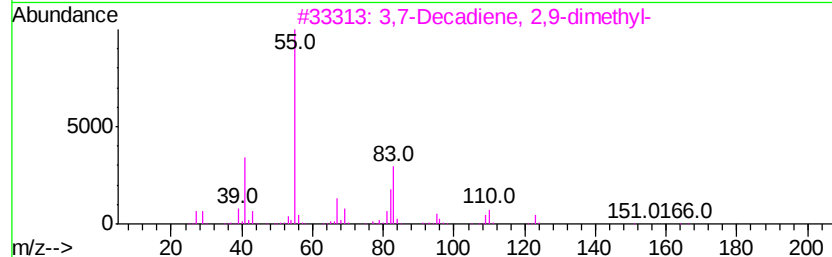
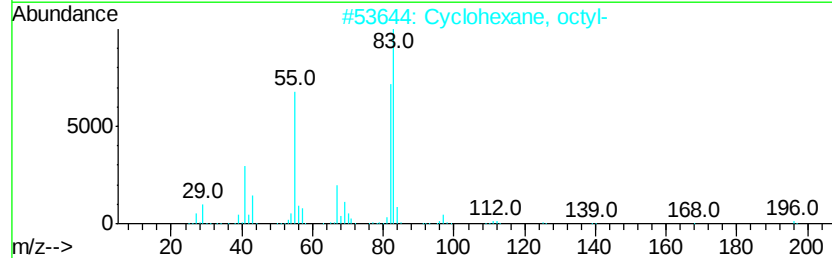
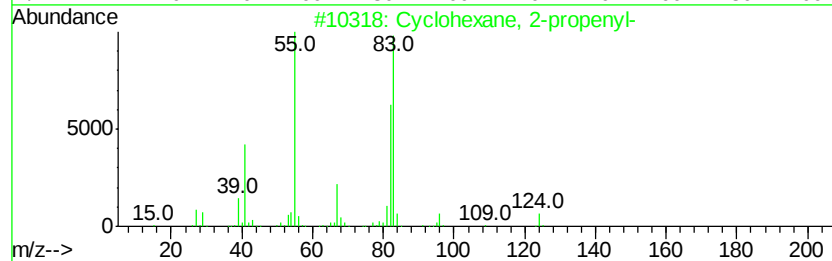
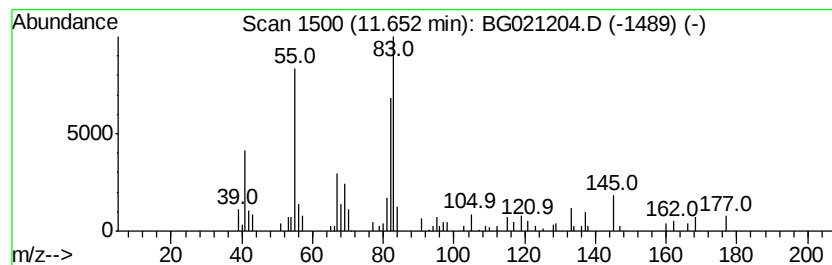
Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 2-propenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	15.03 ng	116425	Napthalene-d8	10.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 2-propenyl-	124 C9H16	002114-42-3 53
2		Cyclohexane, octyl-	196 C14H28	001795-15-9 53
3		3,7-Decadiene, 2,9-dimethyl-	166 C12H22	074630-13-0 53
4		Cyclohexane, hexyl-	168 C12H24	004292-75-5 52
5		Cyclopentane, 1-methyl-2-(2-prop...	124 C9H16	050746-53-7 50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

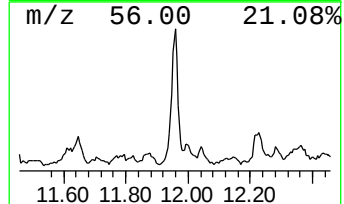
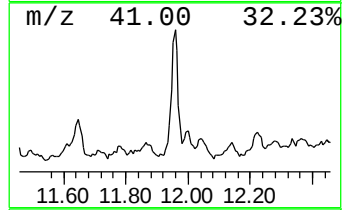
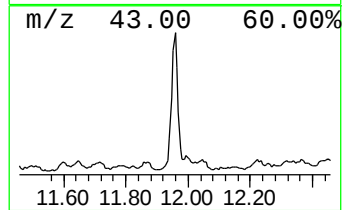
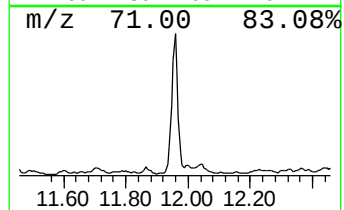
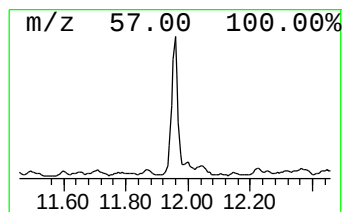
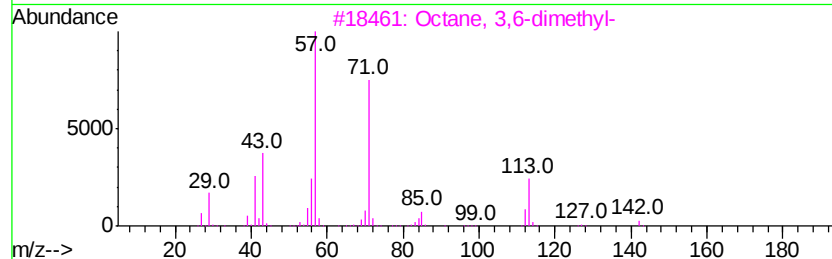
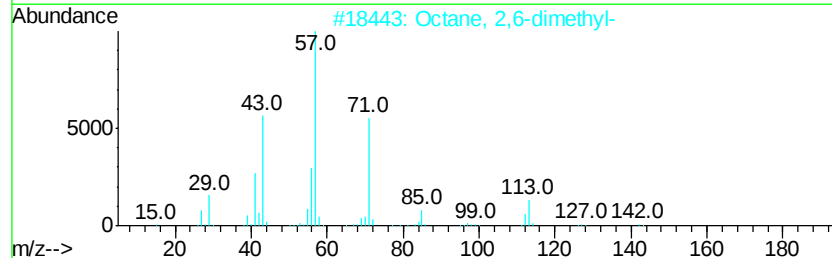
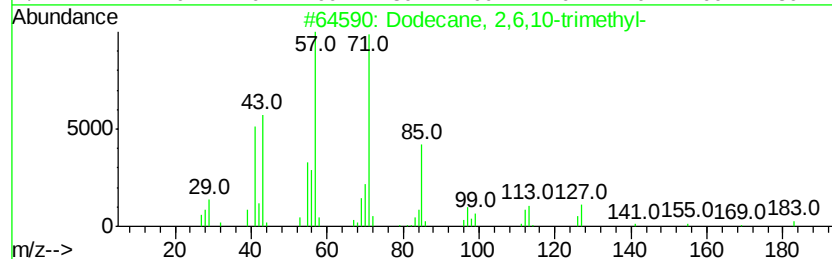
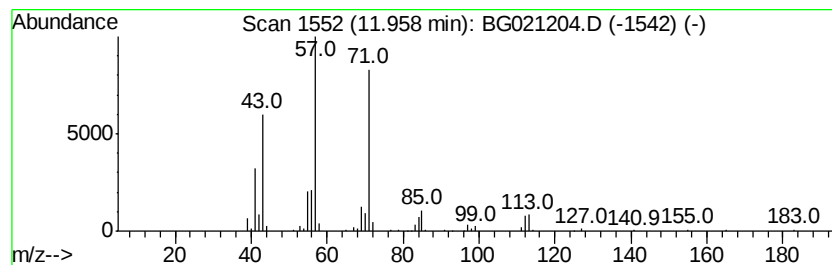
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	29.49 ng	228492	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

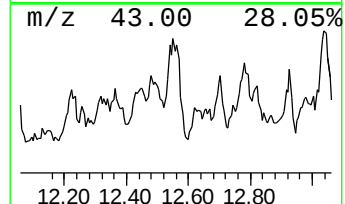
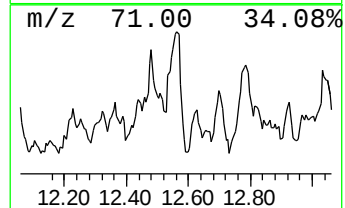
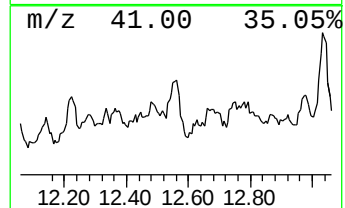
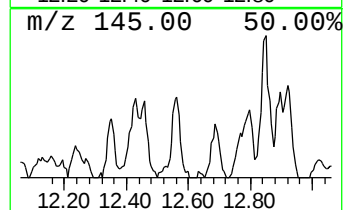
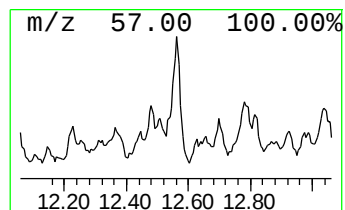
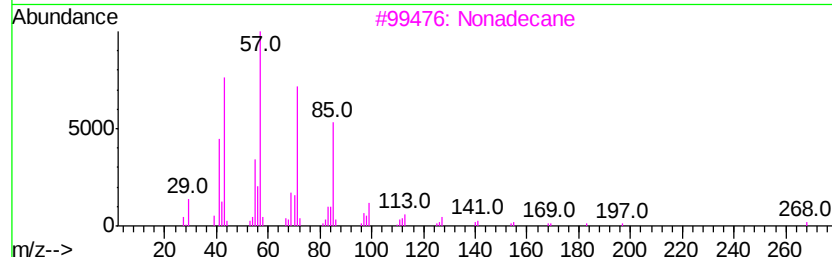
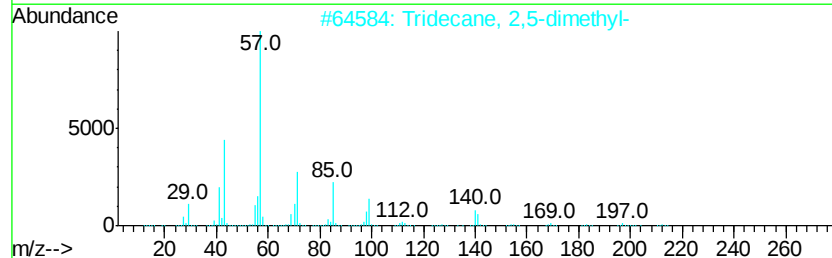
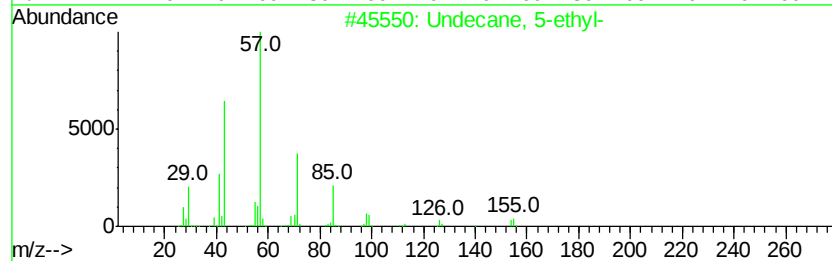
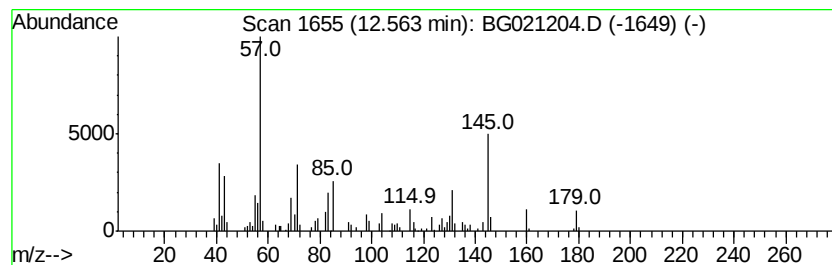
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	12.62 ng	97794	Naphthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	22
2		Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	22
3		Nonadecane	268	C19H40	000629-92-5	14
4		Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	12
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

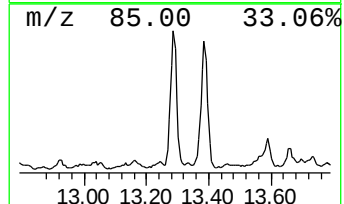
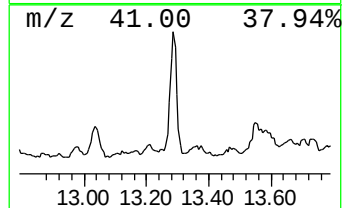
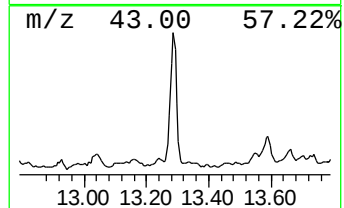
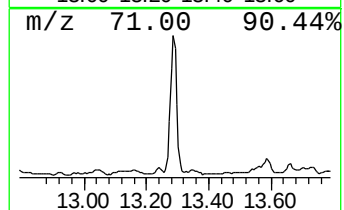
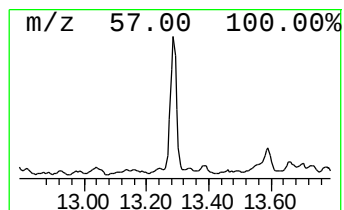
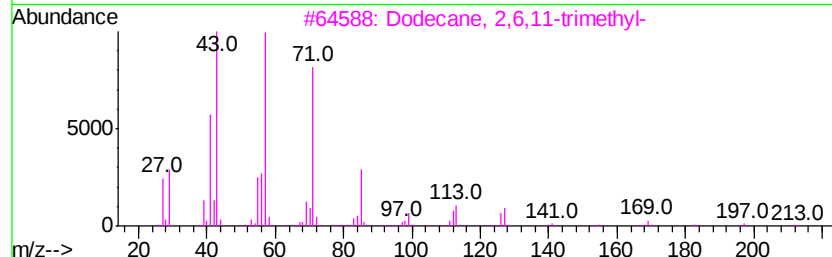
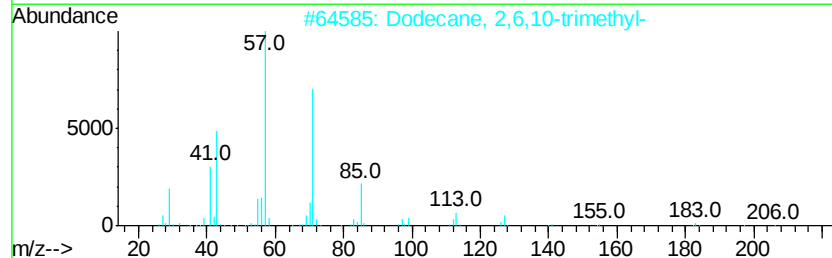
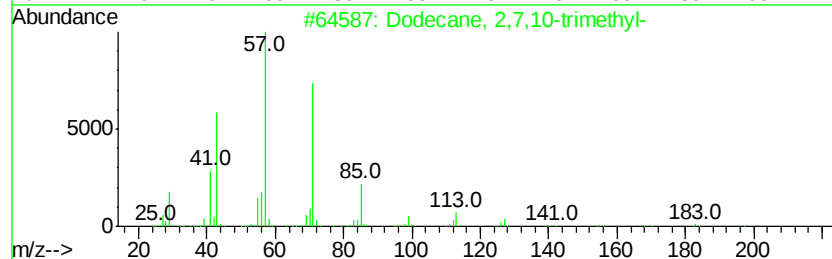
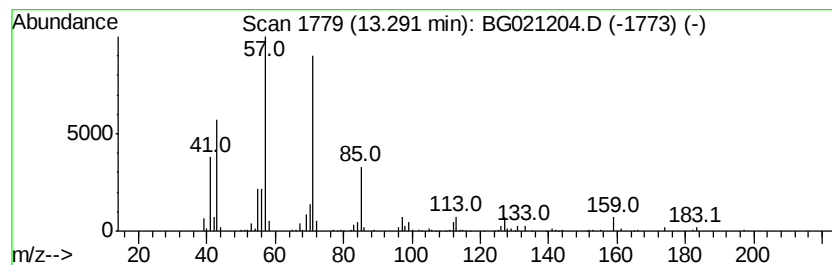
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	26.53 ng	321420	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Decane, 5-propyl-	184	C13H28	017312-62-8	72
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

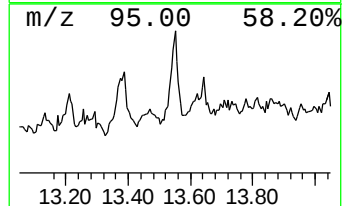
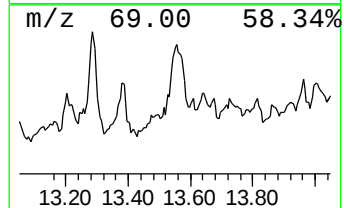
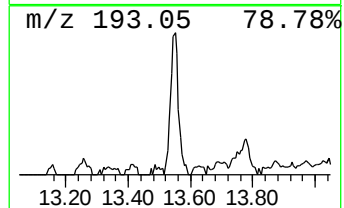
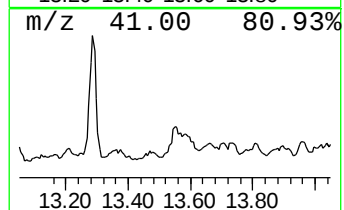
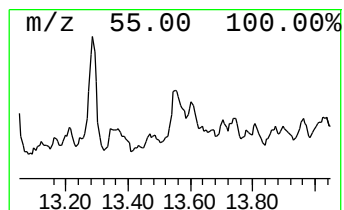
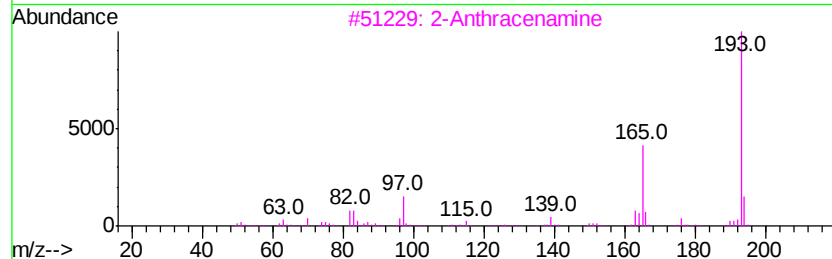
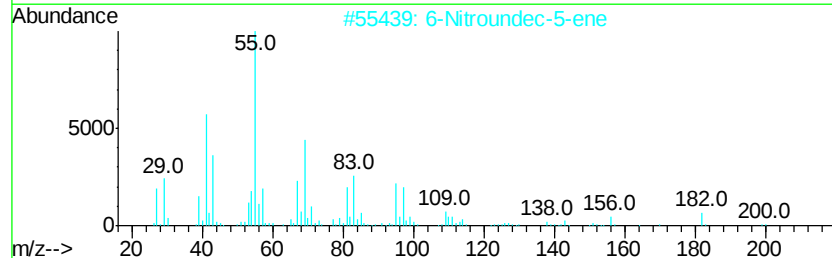
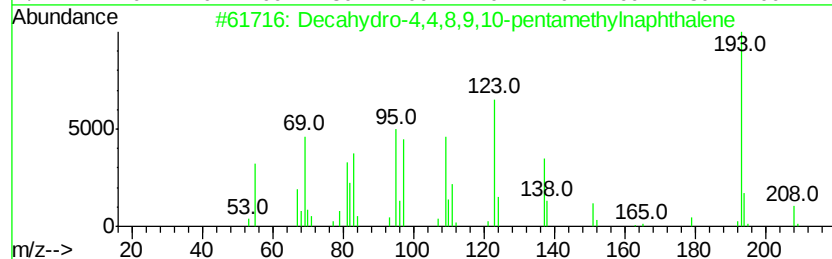
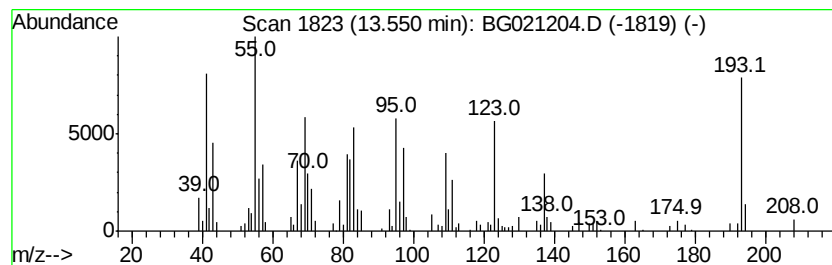
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.55 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	12.84 ng	155595	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	35
2		6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	27
3		2-Anthracenamine	193	C14H11N	000613-13-8	22
4		Cyclododecanemethanol	198	C13H26O	001892-12-2	22
5		Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

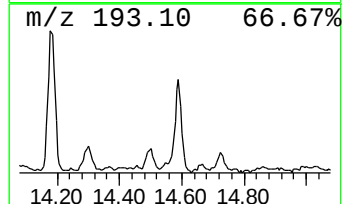
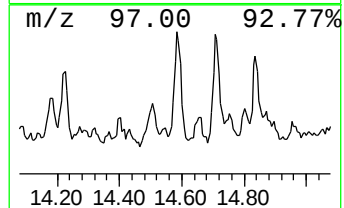
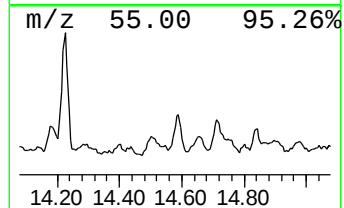
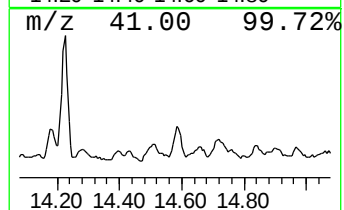
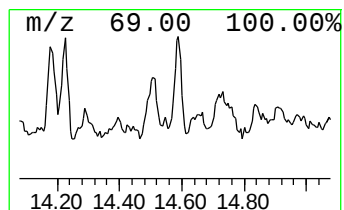
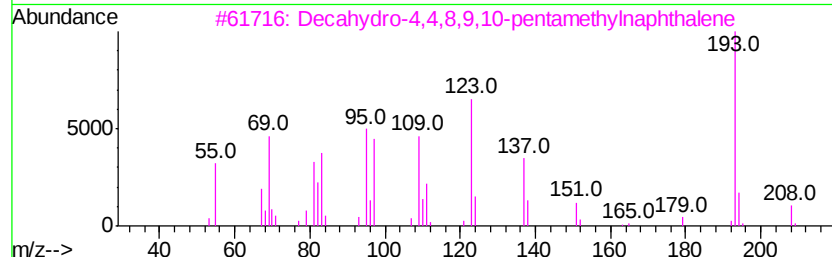
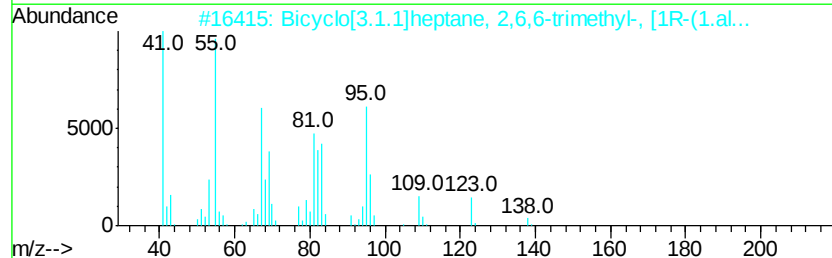
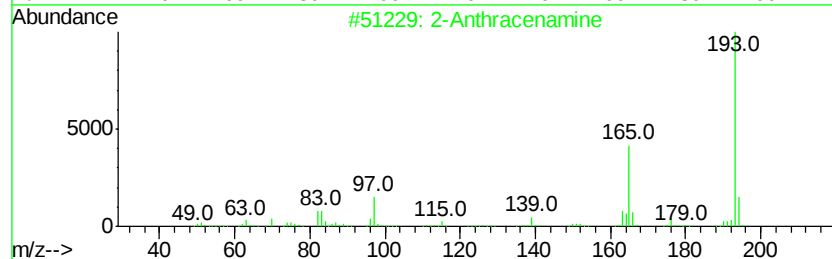
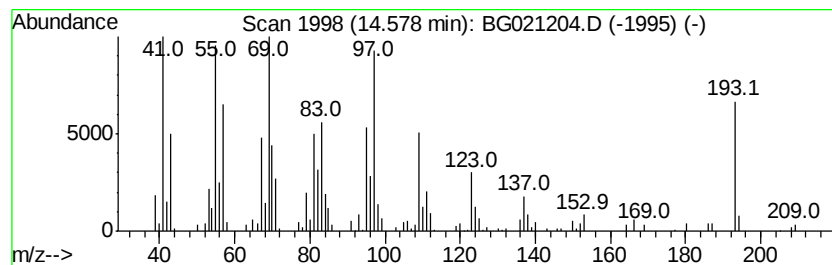
Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.58 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.58	12.83 ng	155499	Acenaphthene-d10		14.76	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Anthracenamine	193	C14H11N	000613-13-8	30
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25
3		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	25
4		Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	22
5		Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

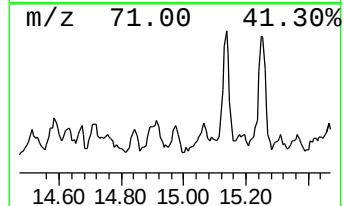
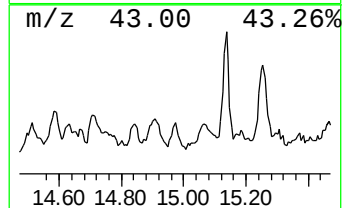
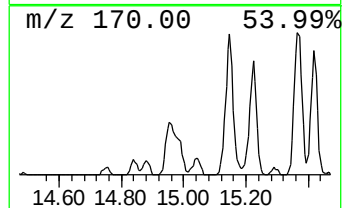
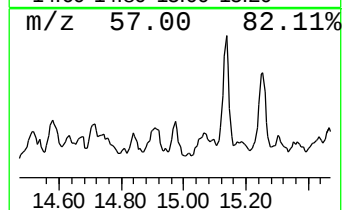
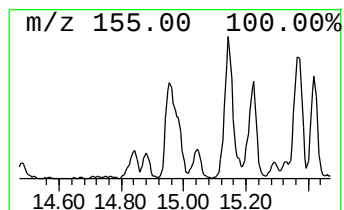
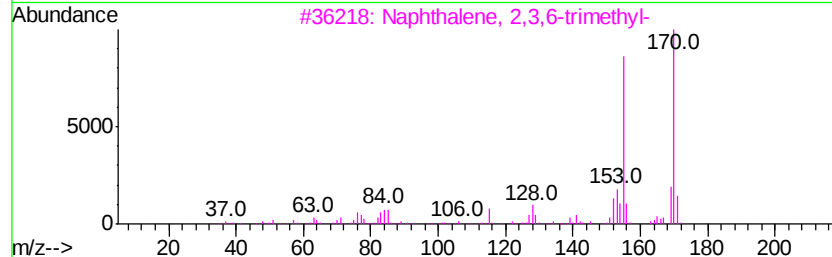
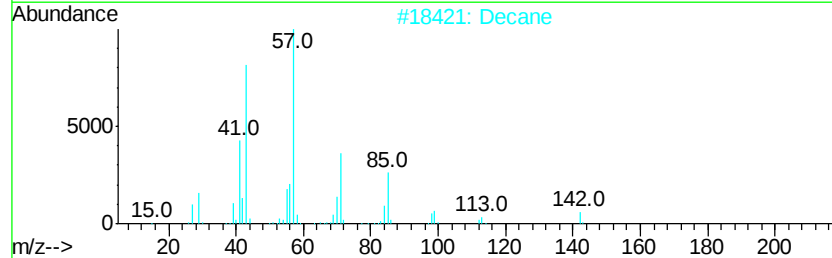
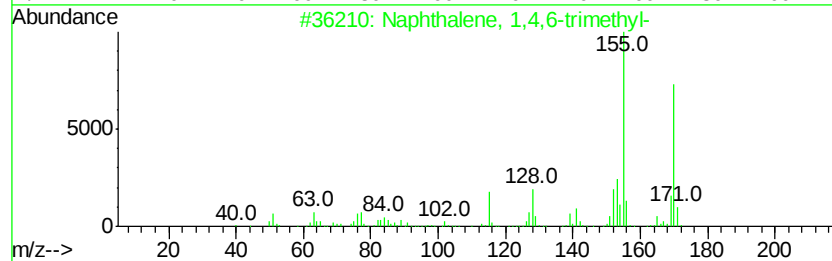
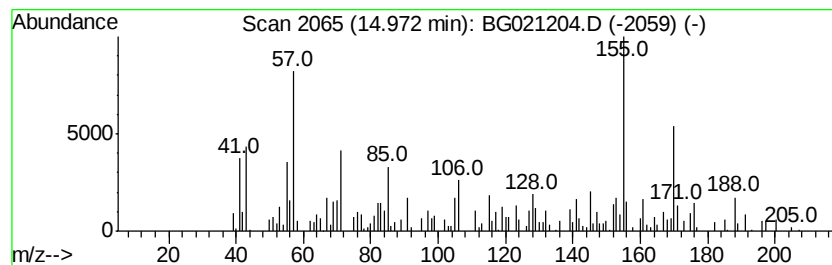
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	12.97 ng	157171	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
2		Decane	142	C10H22	000124-18-5	55
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	50
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

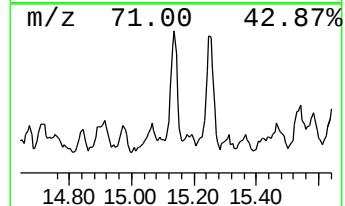
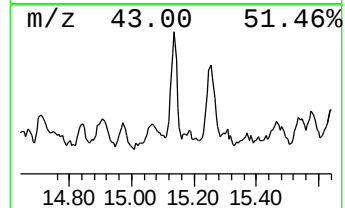
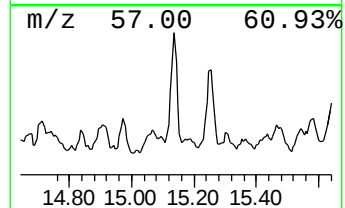
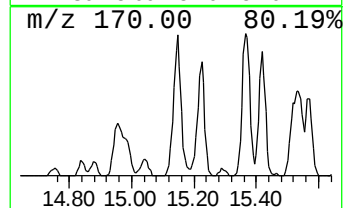
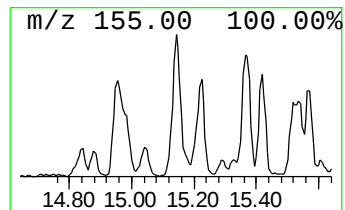
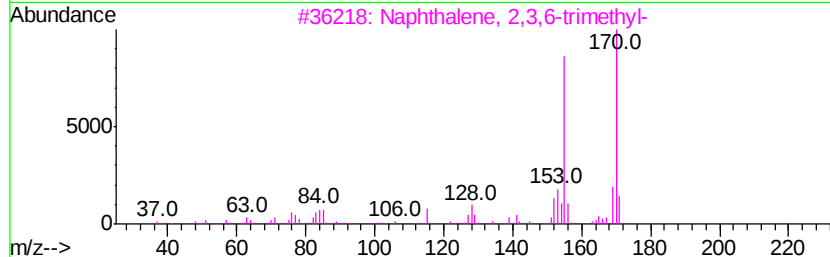
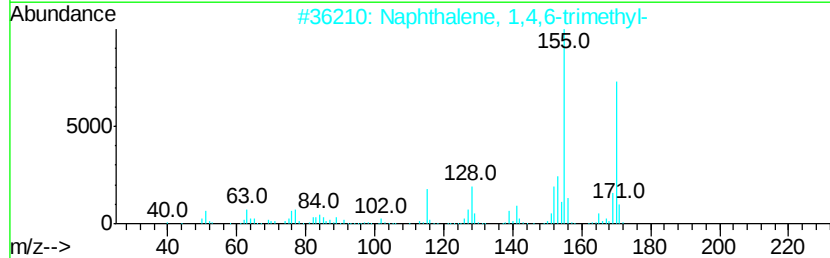
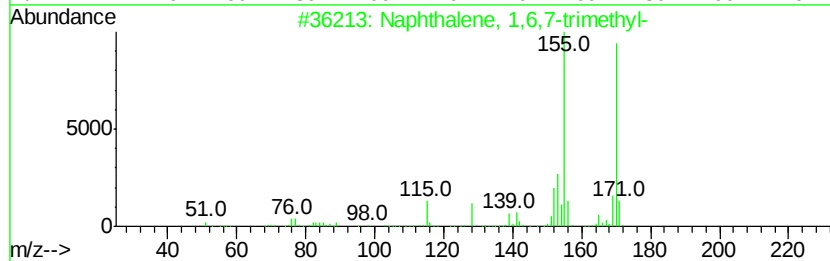
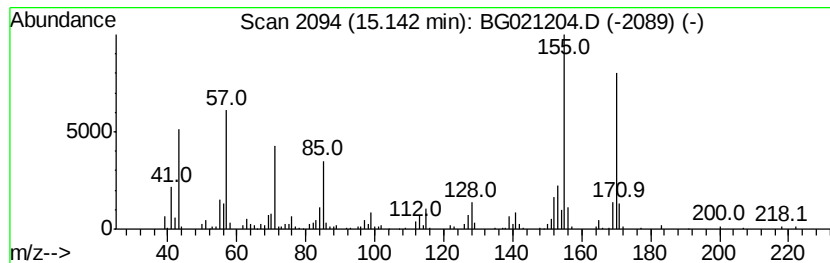
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	14.46 ng	175174	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

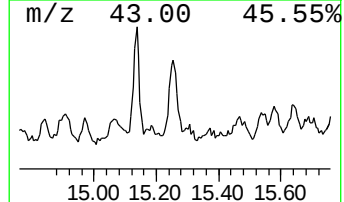
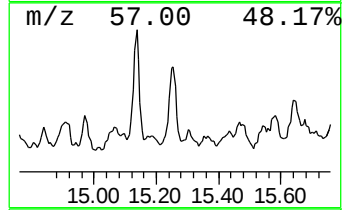
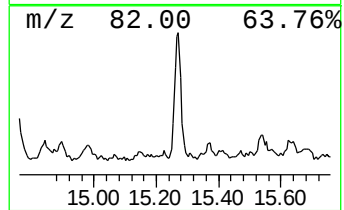
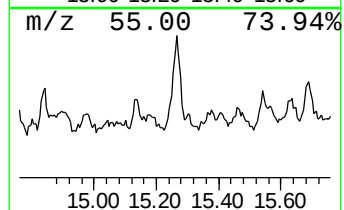
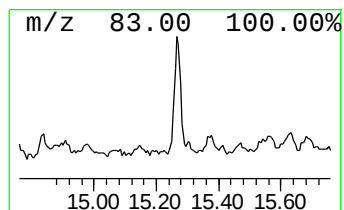
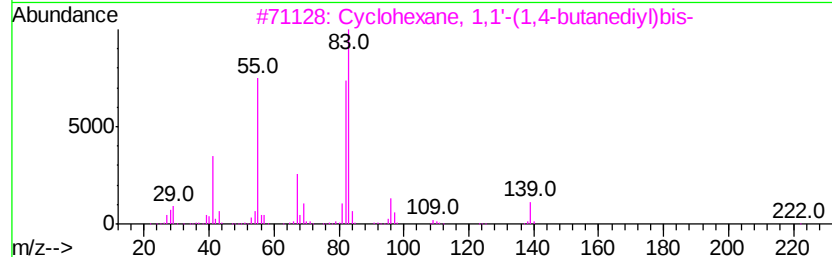
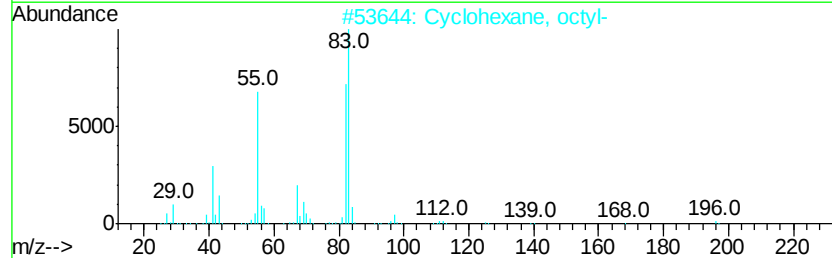
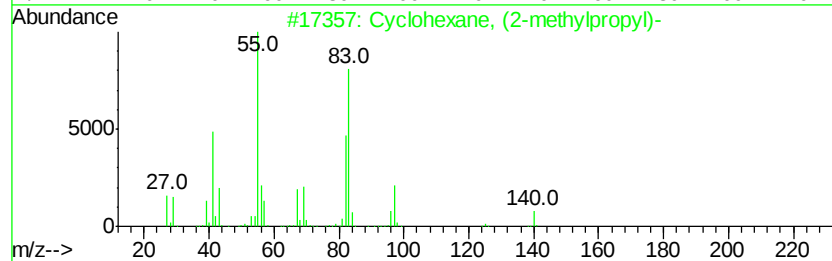
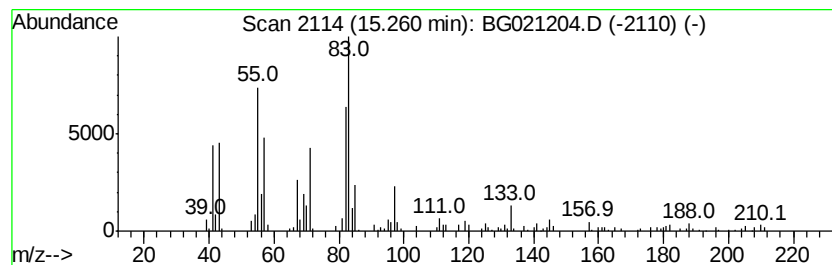
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexane, (2-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	17.06 ng	206737	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	62
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	52
3		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	50
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5		n-Nonylcyclohexane	210	C15H30	002883-02-5	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

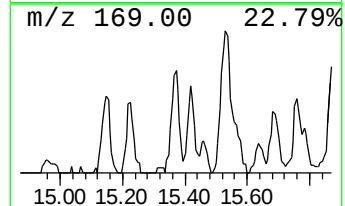
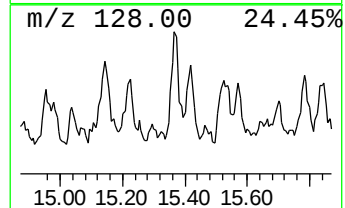
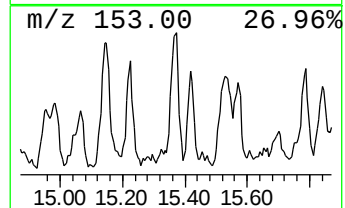
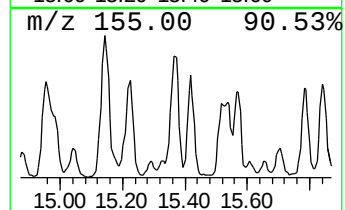
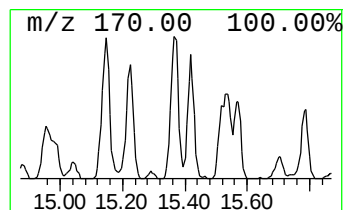
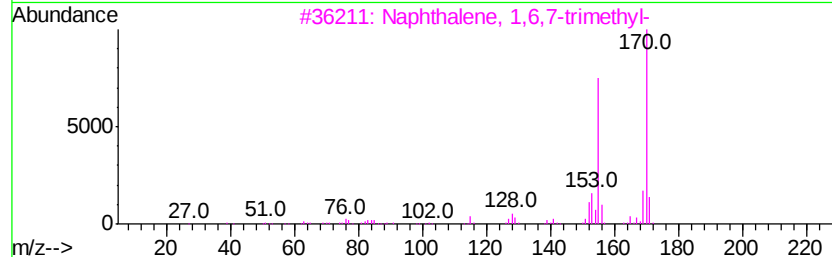
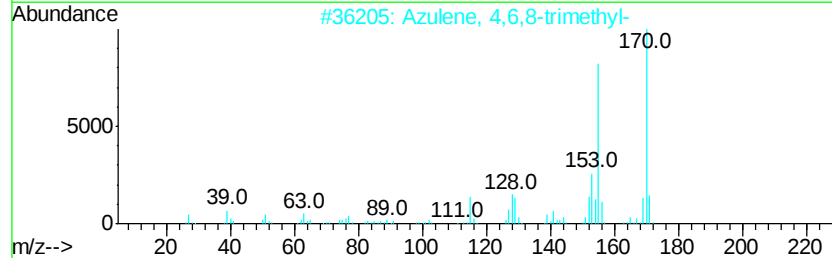
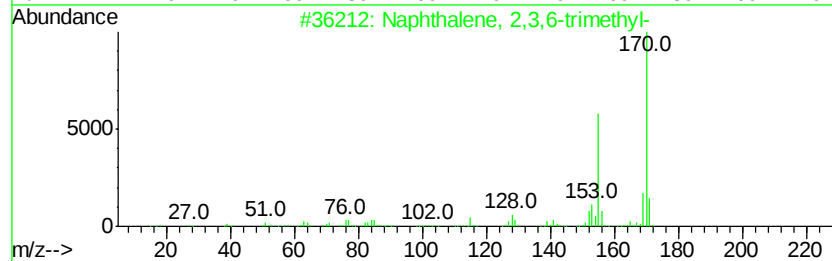
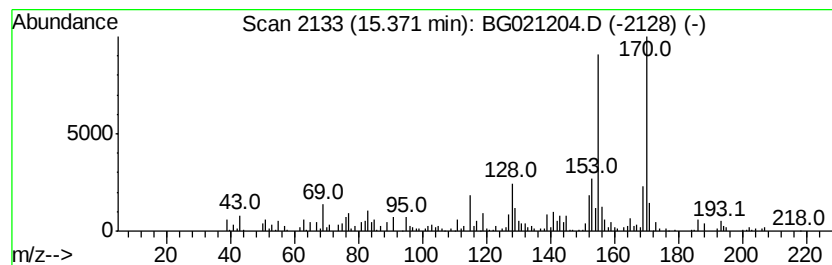
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	13.12 ng	158909	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

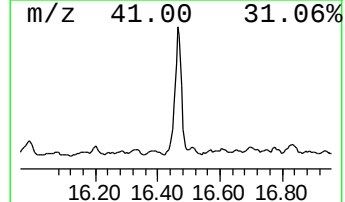
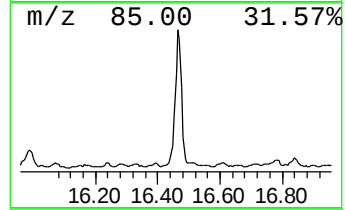
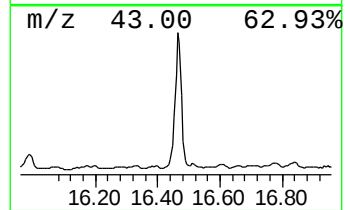
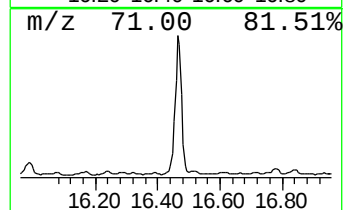
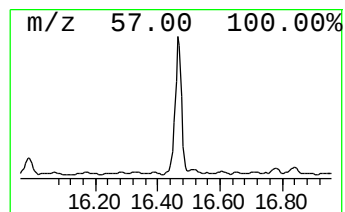
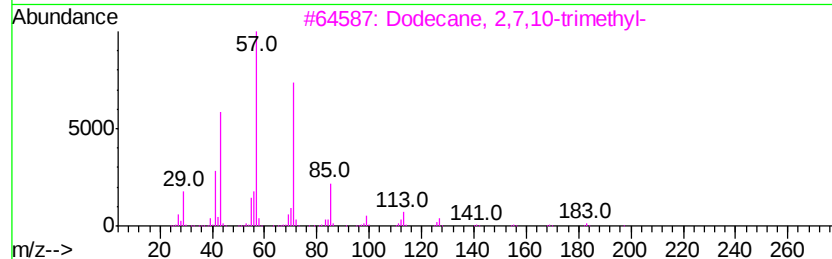
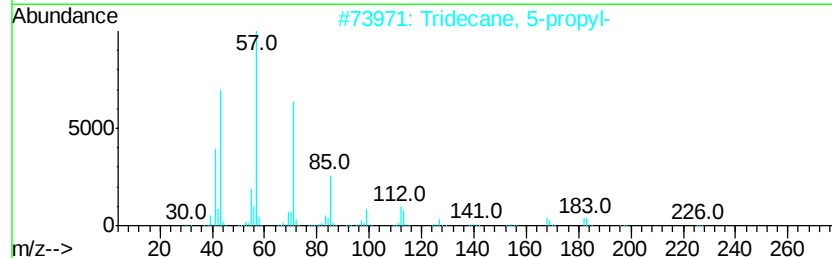
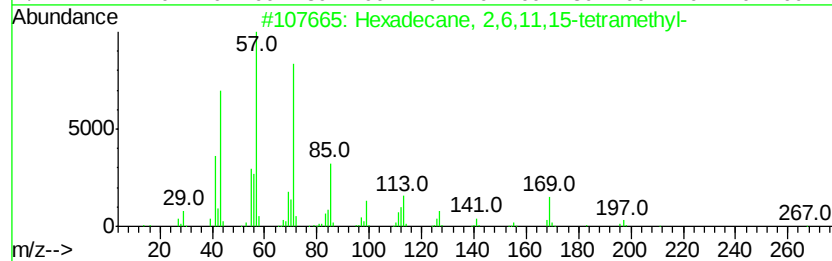
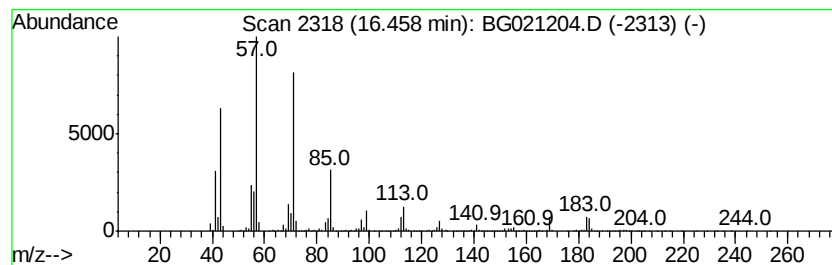
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane, 2,6,11,15-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	80.80 ng	1112660	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	91
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

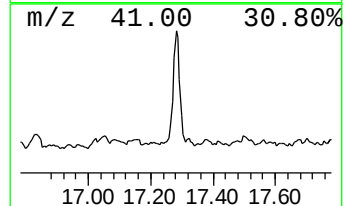
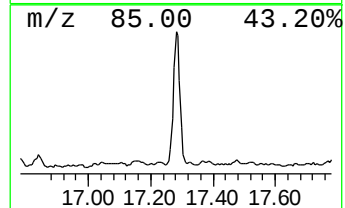
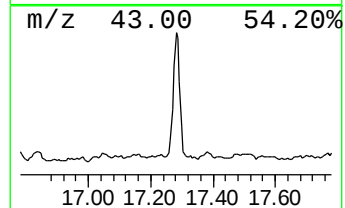
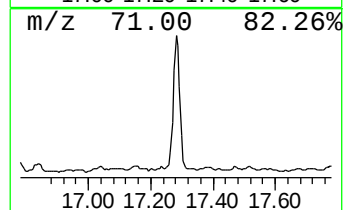
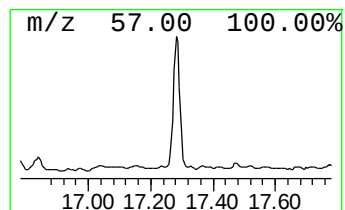
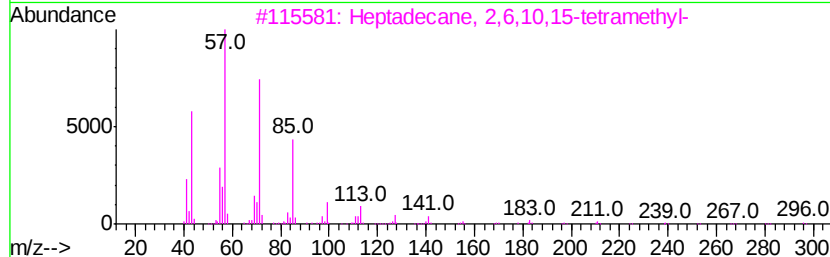
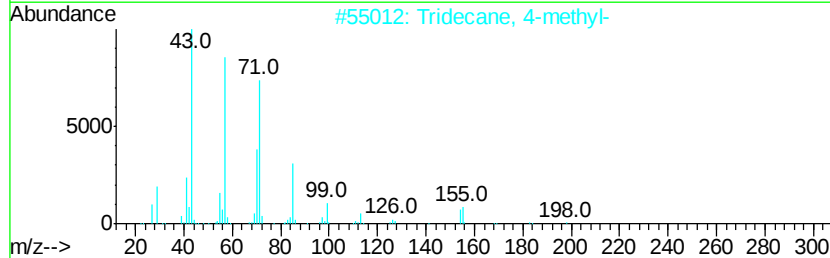
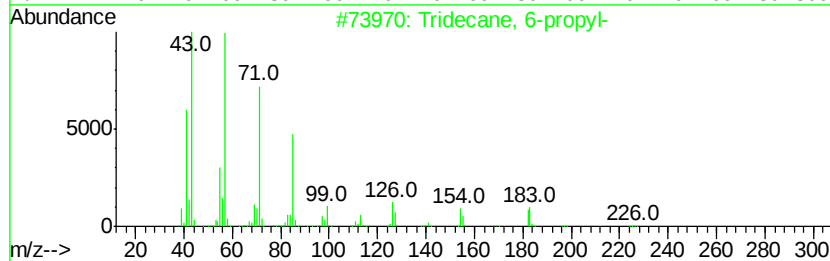
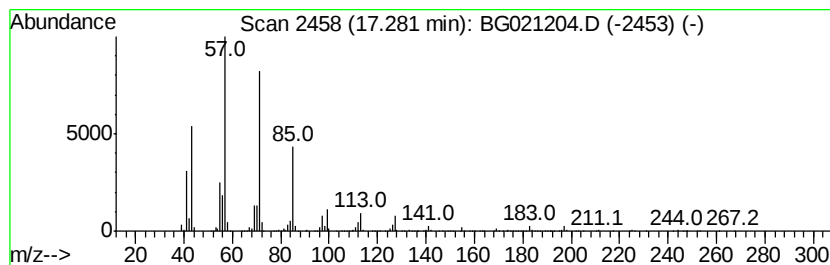
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	44.03 ng	606282	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	94
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
5		Decane, 5-propyl-	184	C13H28	017312-62-8	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

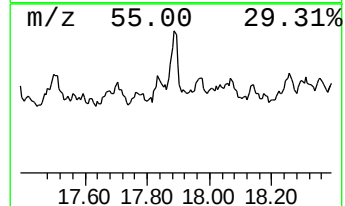
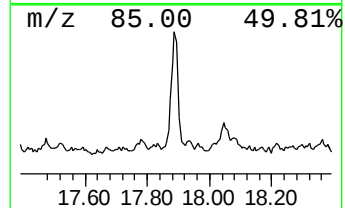
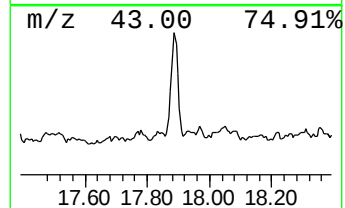
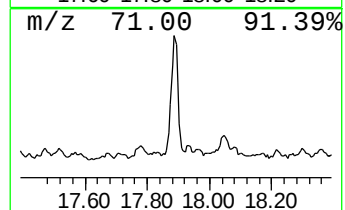
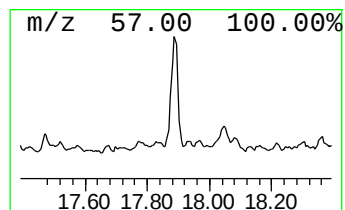
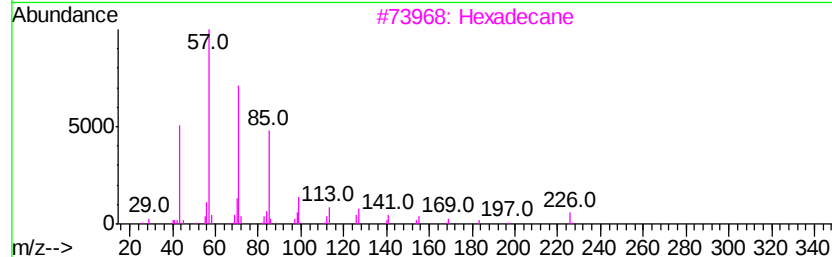
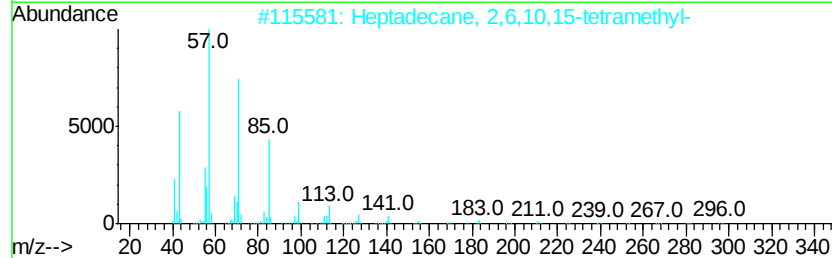
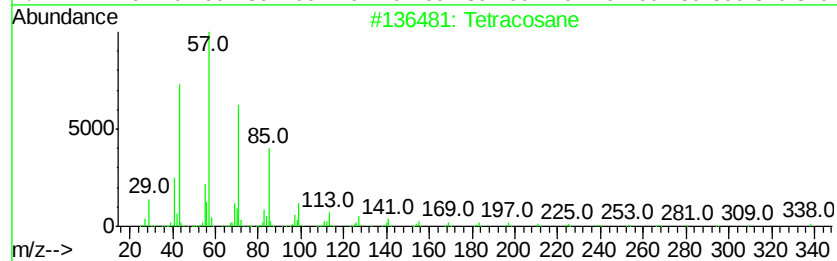
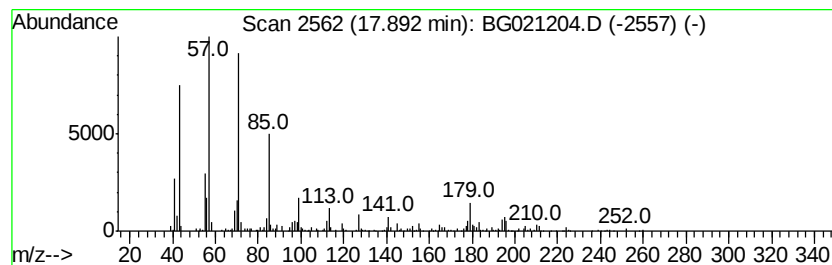
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	16.88 ng	232439	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tetratetracontane	619	C44H90	007098-22-8	86
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030116\
 Data File : BG021204.D
 Acq On : 2 Mar 2016 4:21
 Operator : UM/SJ
 Sample : H1579-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-44(7-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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
Cyclopentane, met...	2.92	13.1	ng	55836	1	8.15	85429	20.0
Propane, 2,2-dime...	3.06	600.2	ng	2563700	1	8.15	85429	20.0
unknown5.24	5.24	25.6	ng	109545	1	8.15	85429	20.0
Undecane, 6-ethyl-	11.09	12.3	ng	95107	2	10.96	154940	20.0
Cyclohexane, 2-pr...	11.65	15.0	ng	116425	2	10.96	154940	20.0
Dodecane, 2,6,10-...	11.96	29.5	ng	228492	2	10.96	154940	20.0
unknown12.56	12.56	12.6	ng	97794	2	10.96	154940	20.0
Dodecane, 2,7,10-...	13.29	26.5	ng	321420	3	14.76	242325	20.0
unknown13.55	13.55	12.8	ng	155595	3	14.76	242325	20.0
unknown14.58	14.58	12.8	ng	155499	3	14.76	242325	20.0
Naphthalene, 1,4,...	14.97	13.0	ng	157171	3	14.76	242325	20.0
Naphthalene, 1,6,...	15.14	14.5	ng	175174	3	14.76	242325	20.0
Cyclohexane, (2-m...	15.26	17.1	ng	206737	3	14.76	242325	20.0
Naphthalene, 2,3,...	15.37	13.1	ng	158909	3	14.76	242325	20.0
Hexadecane, 2,6,1...	16.46	80.8	ng	1112660	4	17.49	275418	20.0
Tridecane, 6-propyl-	17.28	44.0	ng	606282	4	17.49	275418	20.0
Tetracosane	17.89	16.9	ng	232439	4	17.49	275418	20.0