

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077761.D
 Acq On : 16 Mar 2015 19:12
 Operator : TP/IZ
 Sample : G1533-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-05

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_F\METHODS\8270-BF031115.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	1.458	46	50	53	rVB	308453	450064	22.46%	2.242%
2	1.618	62	64	67	rVB	218152	317577	15.85%	1.582%
3	1.675	67	69	71	rVV	20498	27608	1.38%	0.138%
4	1.721	71	73	75	rVV	30264	45360	2.26%	0.226%
5	1.790	78	79	88	rVV	194298	344352	17.19%	1.715%
6	1.961	91	94	99	rVB2	38093	93810	4.68%	0.467%
7	2.156	107	111	114	rVB2	33588	62282	3.11%	0.310%
8	2.384	124	131	135	rVB	106455	230408	11.50%	1.148%
9	2.590	143	149	152	rVB2	18025	36481	1.82%	0.182%
10	2.693	155	158	159	rBV	19656	33092	1.65%	0.165%
11	2.727	159	161	163	rVB	25733	38723	1.93%	0.193%
12	2.956	178	181	186	rVB	66894	131965	6.59%	0.657%
13	3.047	186	189	192	rBV	20692	37671	1.88%	0.188%
14	3.447	219	224	228	rBV	85219	178119	8.89%	0.887%
15	3.721	245	248	251	rBV2	32345	60082	3.00%	0.299%
16	3.916	262	265	268	rBV4	17908	39816	1.99%	0.198%
17	3.996	268	272	274	rVV3	12172	29549	1.47%	0.147%
18	4.041	274	276	280	rVB	20514	30374	1.52%	0.151%
19	4.179	285	288	290	rVV	46495	77170	3.85%	0.384%
20	4.236	290	293	297	rVV2	17311	44133	2.20%	0.220%
21	4.316	297	300	307	rVB2	108139	197145	9.84%	0.982%
22	4.521	313	318	325	rVB2	13501	24860	1.24%	0.124%
23	4.647	325	329	330	rBV	65512	101348	5.06%	0.505%
24	4.681	330	332	334	rVB	69357	91279	4.56%	0.455%
25	4.739	334	337	339	rBV	43349	55262	2.76%	0.275%
26	4.796	339	342	343	rVV2	13969	34473	1.72%	0.172%
27	4.830	343	345	350	rVB2	54719	110683	5.52%	0.551%
28	4.933	350	354	358	rBV2	45537	96303	4.81%	0.480%
29	5.002	358	360	364	rVB	36112	49367	2.46%	0.246%
30	5.104	367	369	373	rVB2	16843	30143	1.50%	0.150%
31	5.196	373	377	378	rBV2	21422	32172	1.61%	0.160%
32	5.230	378	380	382	rBV2	14316	22719	1.13%	0.113%
33	5.390	392	394	396	rBV	83239	137476	6.86%	0.685%
34	5.459	396	400	403	rVV	559988	656164	32.75%	3.268%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077761.D
 Acq On : 16 Mar 2015 19:12
 Operator : TP/IZ
 Sample : G1533-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-05

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_F\METHODS\8270-BF031115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.550	406	408	413	rVB2	24880	43007	2.15%	0.214%
36	5.767	424	427	431	rBV4	28057	61063	3.05%	0.304%
37	5.939	440	442	445	rBV3	13722	22244	1.11%	0.111%
38	6.110	455	457	461	rBV2	27744	57071	2.85%	0.284%
39	6.236	465	468	470	rVV	34246	53524	2.67%	0.267%
40	6.316	473	475	477	rVV2	14022	22110	1.10%	0.110%
41	6.373	477	480	482	rVV	21625	39351	1.96%	0.196%
42	6.453	485	487	491	rVV4	33134	87003	4.34%	0.433%
43	6.510	491	492	495	rVB	24309	23861	1.19%	0.119%
44	6.579	495	498	500	rBV	21051	28283	1.41%	0.141%
45	6.625	500	502	505	rVB	59056	59108	2.95%	0.294%
46	6.739	510	512	514	rBV	389574	354210	17.68%	1.764%
47	6.785	514	516	518	rVB	52921	47591	2.38%	0.237%
48	6.887	522	525	527	rBV	944562	1136582	56.72%	5.661%
49	7.173	548	550	552	rVV	364875	341447	17.04%	1.701%
50	7.219	552	554	555	rVV	28048	29363	1.47%	0.146%
51	7.242	555	556	557	rVV	39110	29768	1.49%	0.148%
52	7.276	557	559	560	rVV	32795	30095	1.50%	0.150%
53	7.356	564	566	568	rBV	1192722	1210670	60.42%	6.030%
54	7.390	568	569	571	rVV	466340	357938	17.86%	1.783%
55	7.493	575	578	579	rVV	122208	144273	7.20%	0.719%
56	7.573	583	585	589	rBV2	87416	162340	8.10%	0.809%
57	7.665	589	593	597	rBV	30956	37692	1.88%	0.188%
58	7.756	597	601	604	rVB2	43351	65183	3.25%	0.325%
59	7.870	605	611	615	rVV2	1355514	1754785	87.57%	8.740%
60	7.985	619	621	623	rVV3	31852	53838	2.69%	0.268%
61	8.019	623	624	626	rVV	38625	47956	2.39%	0.239%
62	8.133	630	634	635	rVV	133927	154727	7.72%	0.771%
63	8.225	638	642	644	rVV2	42854	55333	2.76%	0.276%
64	8.350	648	653	658	rVV	258538	316382	15.79%	1.576%
65	8.430	658	660	663	rVV2	555808	626382	31.26%	3.120%
66	8.488	663	665	669	rVV2	46192	84784	4.23%	0.422%
67	8.556	669	671	673	rVB2	36134	48428	2.42%	0.241%
68	8.682	680	682	683	rBV	14550	20676	1.03%	0.103%
69	8.750	685	688	689	rVV	570385	597686	29.83%	2.977%
70	8.785	689	691	692	rVV2	71780	94599	4.72%	0.471%
71	8.819	692	694	696	rVB	94617	98206	4.90%	0.489%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077761.D
 Acq On : 16 Mar 2015 19:12
 Operator : TP/IZ
 Sample : G1533-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-05

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_F\METHODS\8270-BF031115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.922	701	703	705	rBV2	18912	26523	1.32%	0.132%
73	9.082	716	717	721	rVB2	43857	63454	3.17%	0.316%
74	9.230	727	730	732	rVB	13633	20163	1.01%	0.100%
75	9.333	735	739	742	rBV2	26429	41167	2.05%	0.205%
76	9.402	742	745	747	rVV2	39867	51275	2.56%	0.255%
77	9.459	747	750	751	rVV	17975	25535	1.27%	0.127%
78	9.482	751	752	754	rVB	25788	22529	1.12%	0.112%
79	9.631	762	765	767	rBV	21529	21396	1.07%	0.107%
80	9.745	772	775	778	rVV3	75207	117820	5.88%	0.587%
81	9.848	782	784	789	rVB2	10077	20607	1.03%	0.103%
82	10.088	803	805	808	rBV	1681624	1743851	87.03%	8.686%
83	10.911	875	877	880	rBV	554748	565551	28.22%	2.817%
84	11.814	954	956	960	rBV	43079	38433	1.92%	0.191%
85	11.894	960	963	965	rBV	909427	1034470	51.63%	5.152%
86	12.751	1036	1038	1040	rBV	598251	581489	29.02%	2.896%
87	14.740	1210	1212	1215	rBV	1804547	2003776	100.00%	9.980%
88	15.917	1312	1315	1322	rBV	54373	86131	4.30%	0.429%
89	16.031	1322	1325	1328	rBV	609737	636025	31.74%	3.168%
90	17.791	1476	1479	1490	rBV	452114	631755	31.53%	3.147%

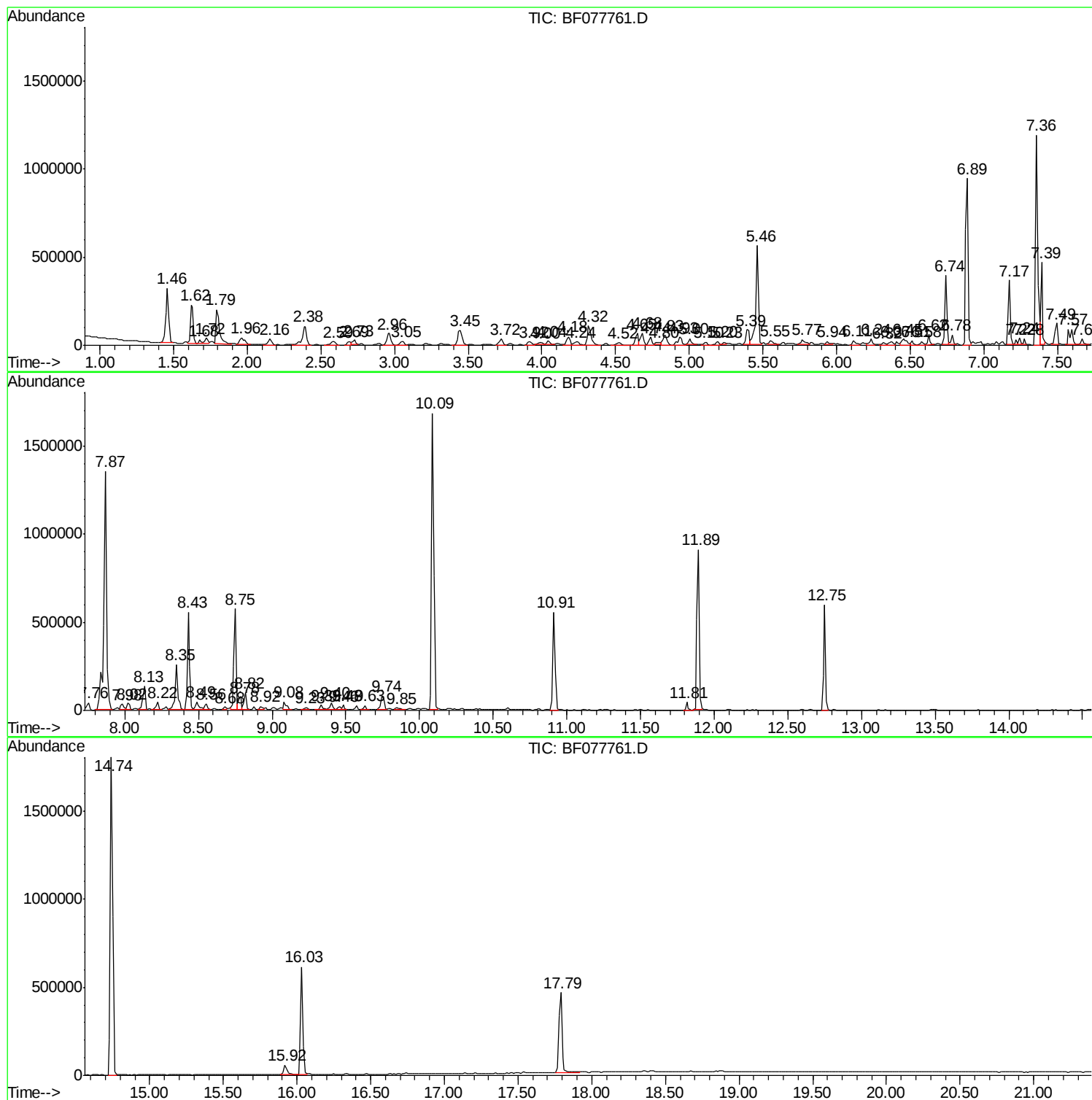
Sum of corrected areas: 20077539

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

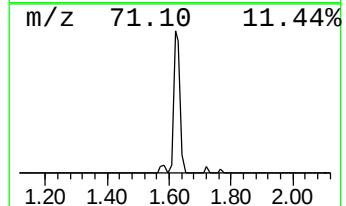
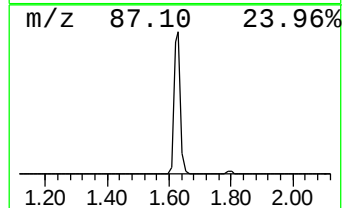
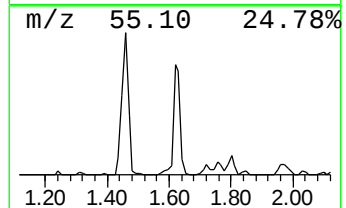
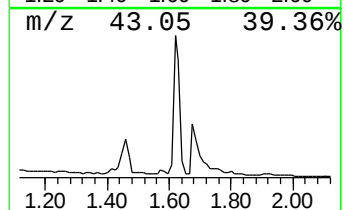
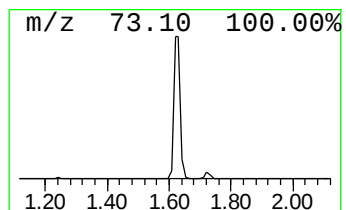
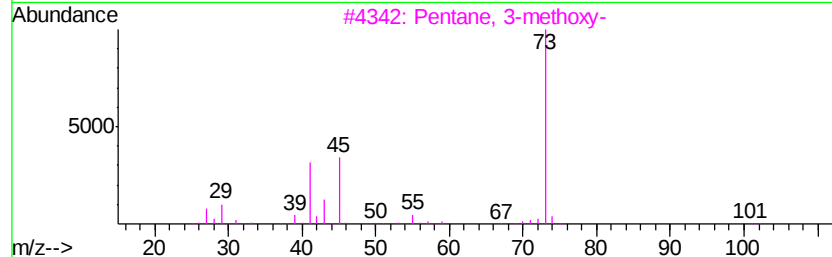
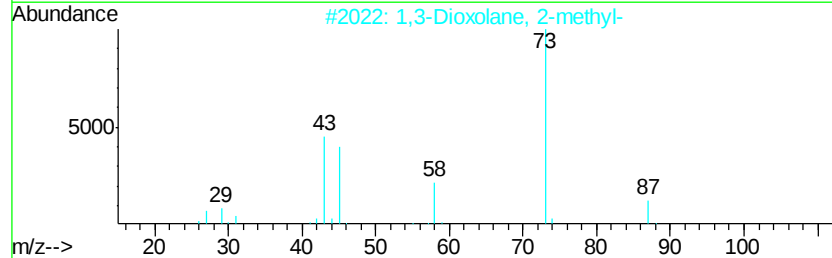
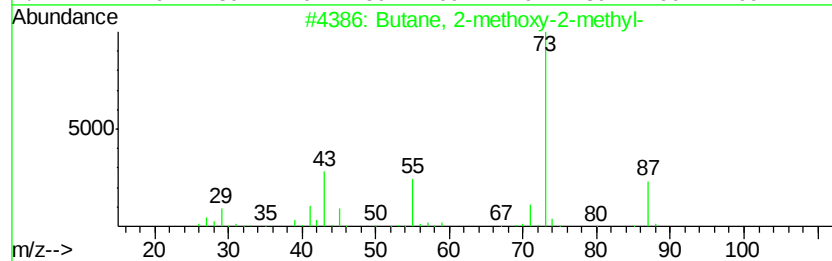
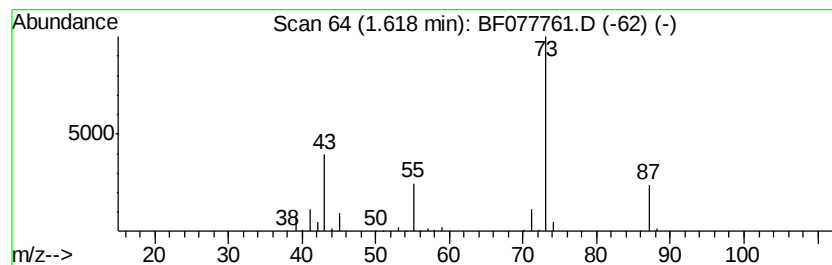
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	18.60 ng	317577	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

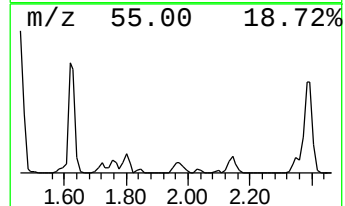
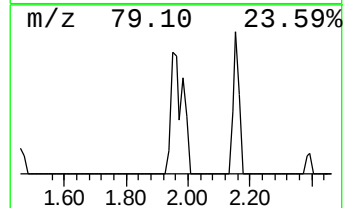
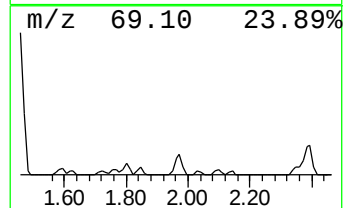
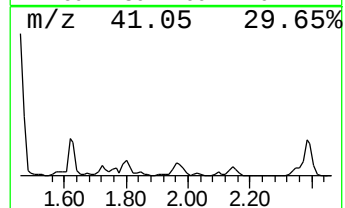
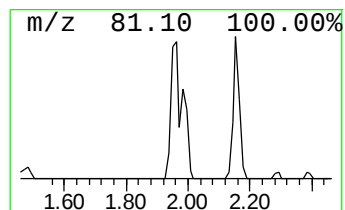
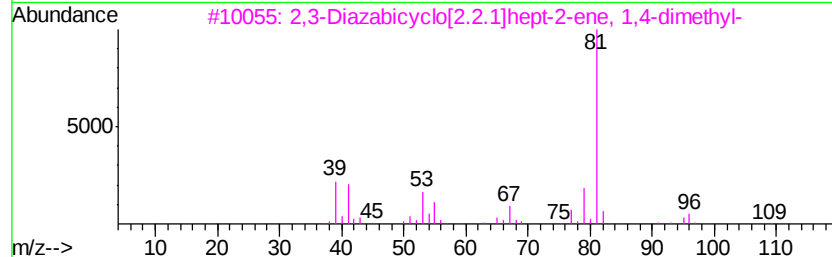
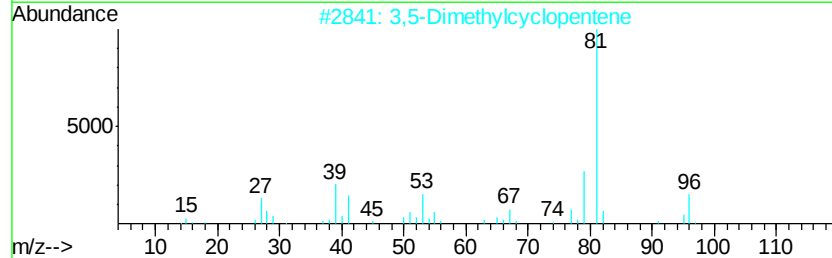
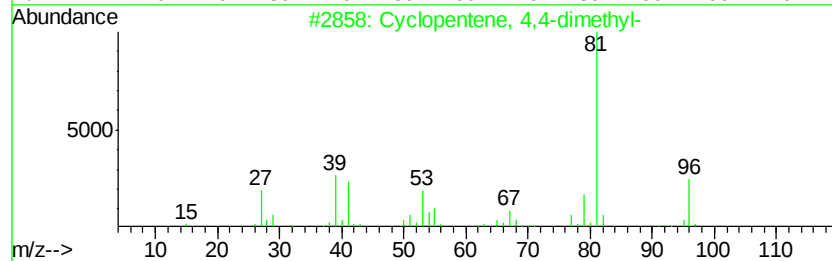
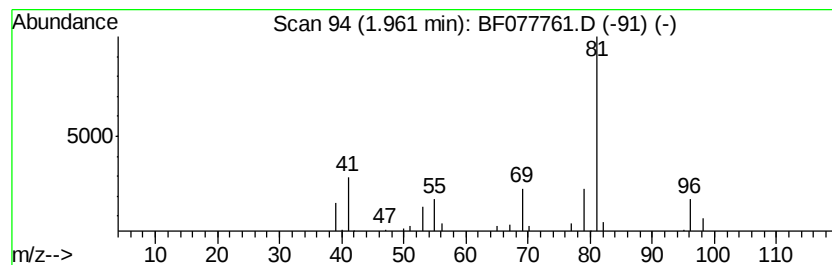
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopentene, 4,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	5.49 ng	93810	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
2			3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
3			2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	78
4			1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	78
5			2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

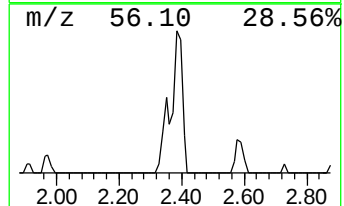
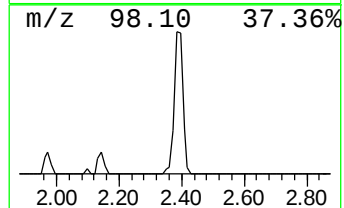
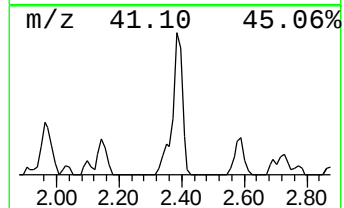
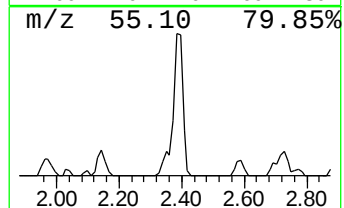
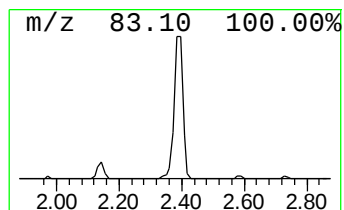
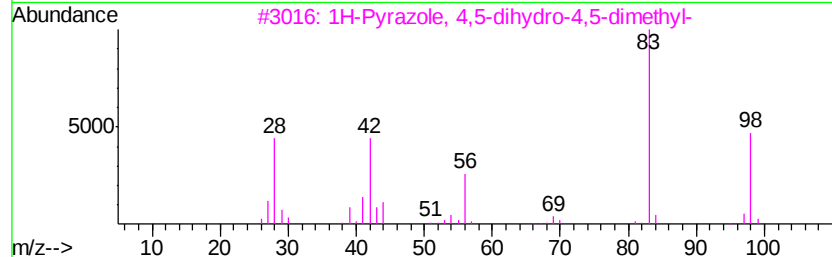
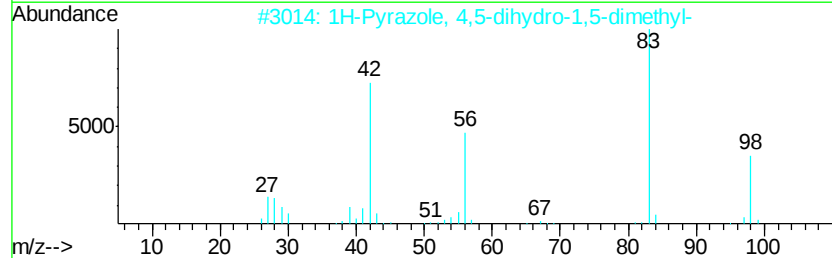
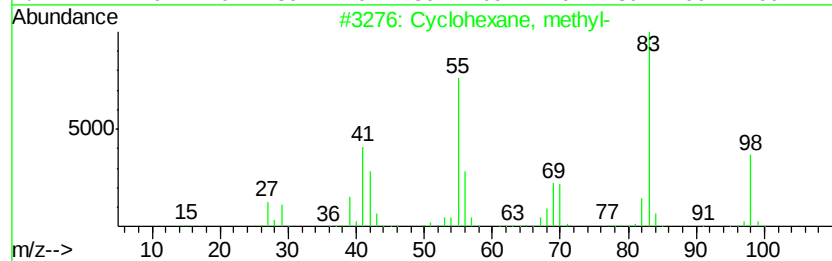
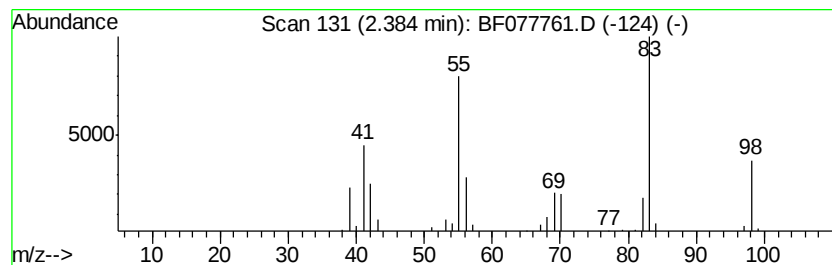
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	13.50 ng	230408	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	95
2			1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	64
3			1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	59
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	58
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

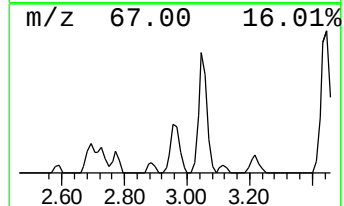
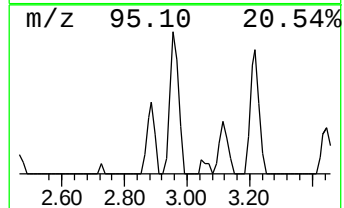
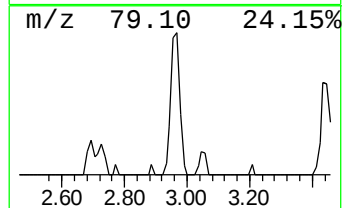
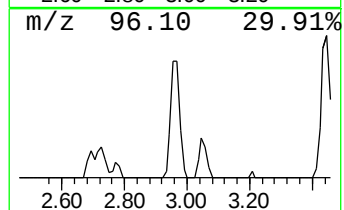
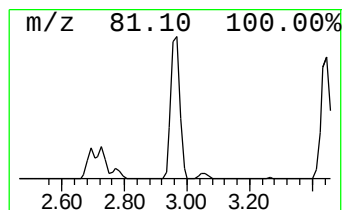
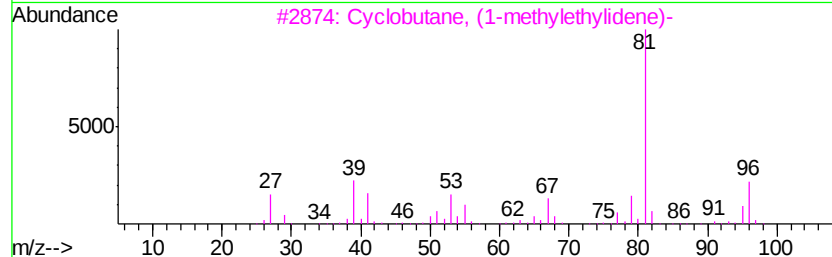
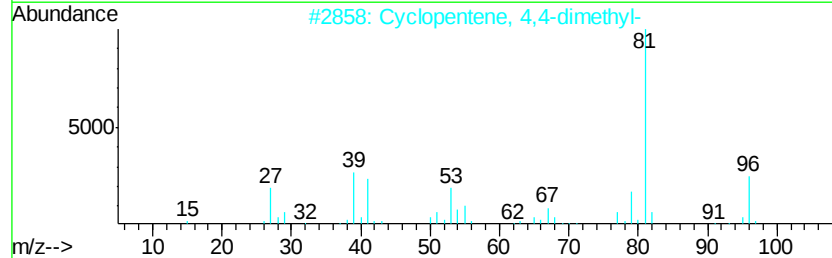
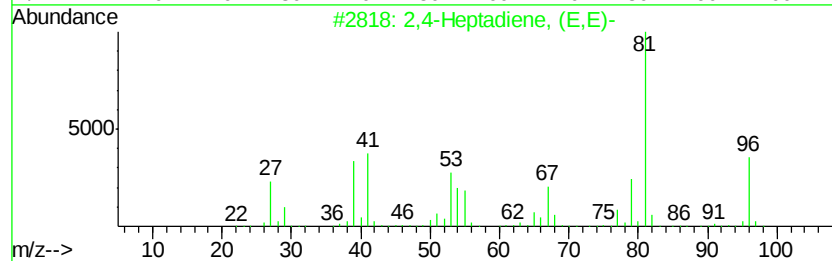
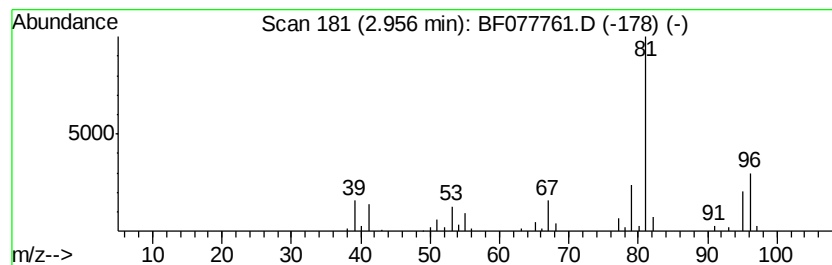
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2,4-Heptadiene, (E,E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	7.73 ng	131965	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	87
2			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	83
3			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	72
4			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	72
5			3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

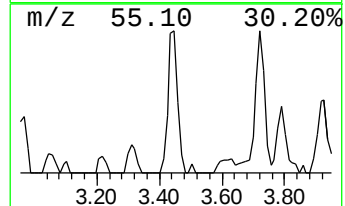
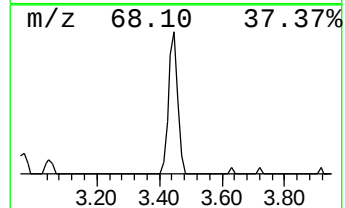
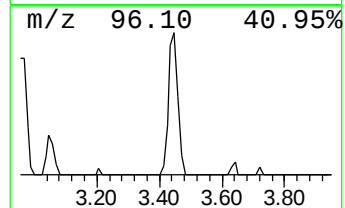
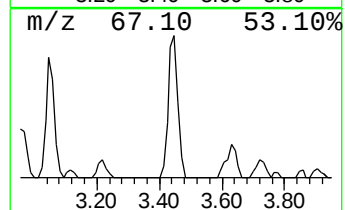
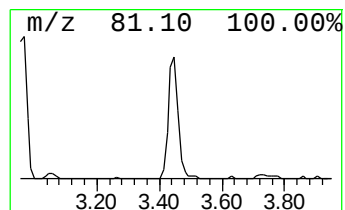
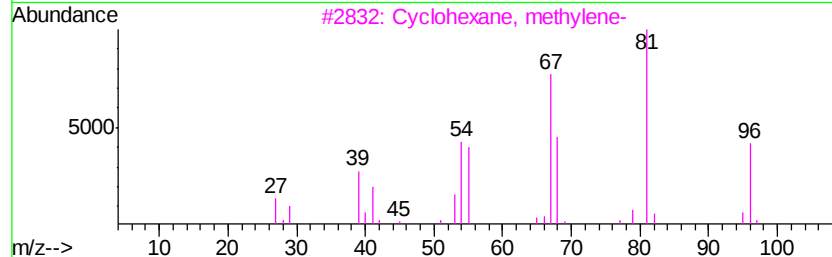
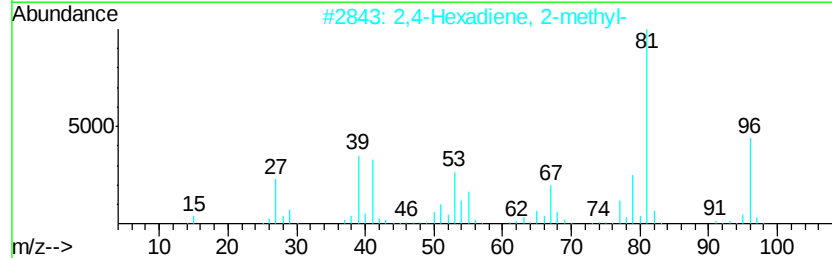
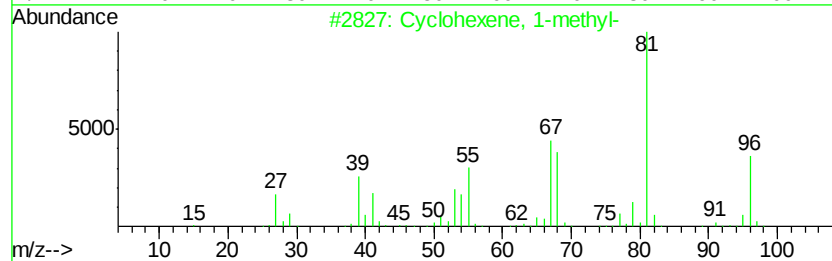
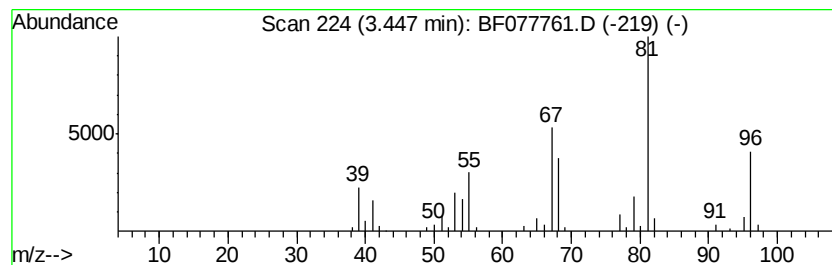
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	10.43 ng	178119	1,4-Dichlorobenzene-d4	7.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
3		Cyclohexane, methylene-	96	C7H12	001192-37-6	87
4		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
5		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

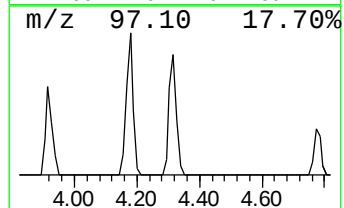
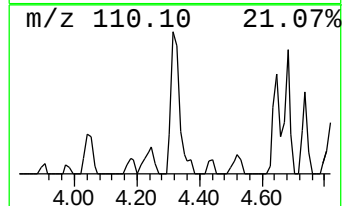
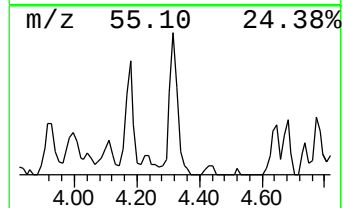
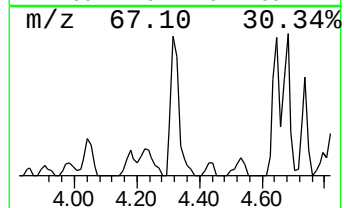
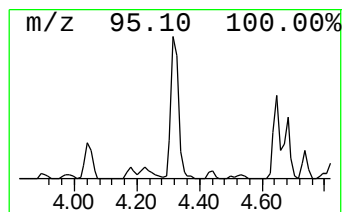
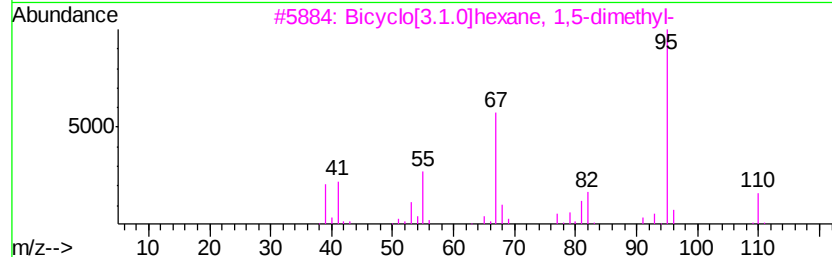
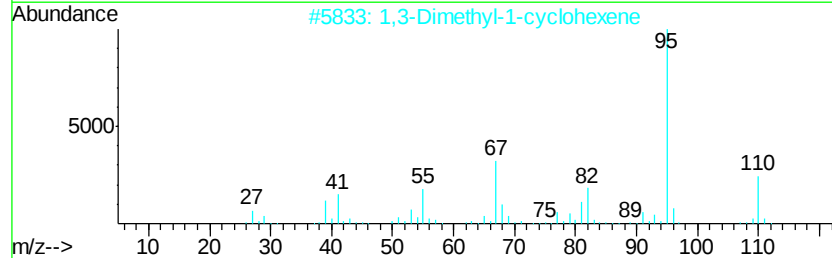
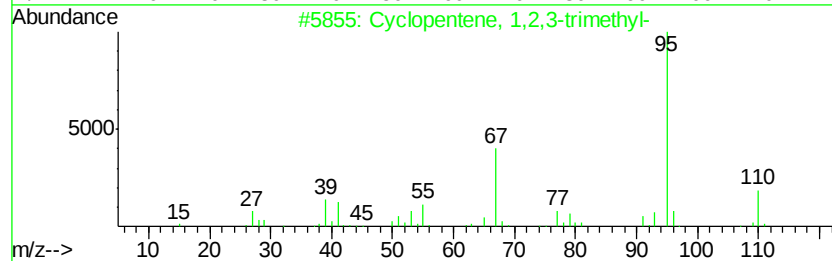
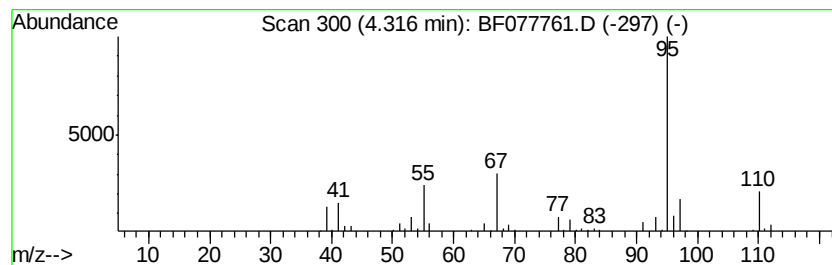
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	11.55 ng	197145	1,4-Dichlorobenzene-d4	7.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	83
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	80
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	64
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

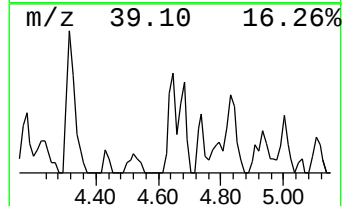
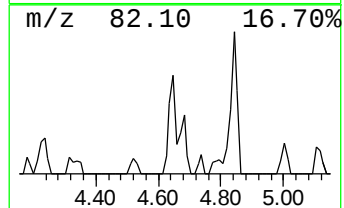
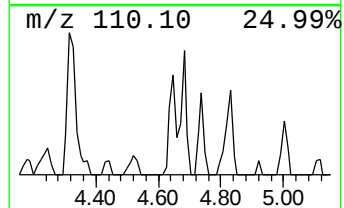
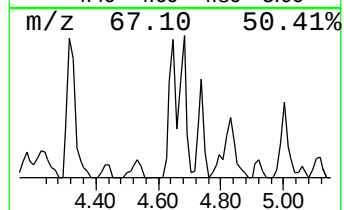
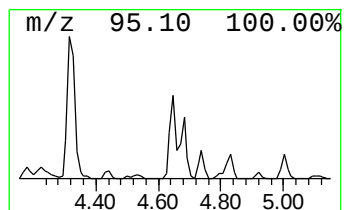
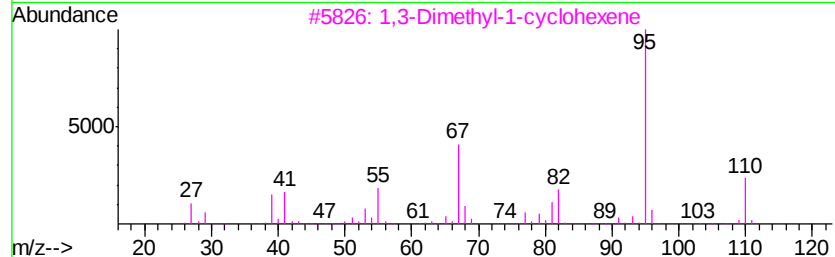
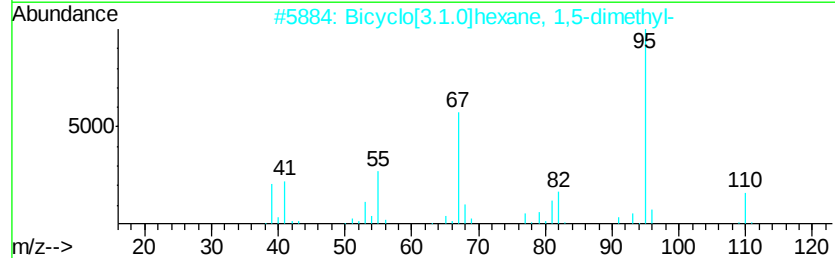
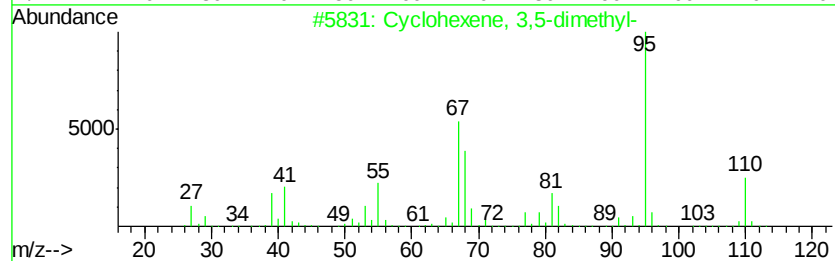
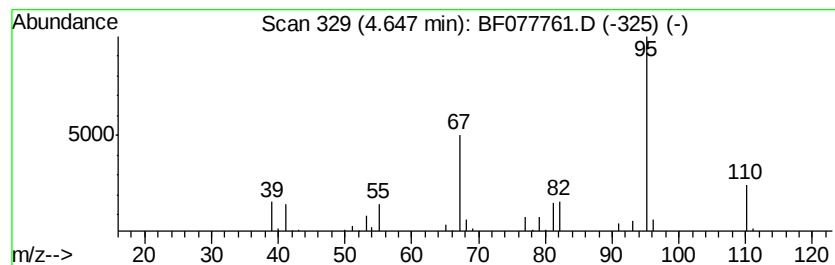
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexene, 3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	5.94 ng	101348	1,4-Dichlorobenzene-d4	7.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	91
2		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	91
3		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	90
4		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87
5		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

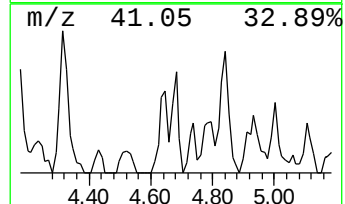
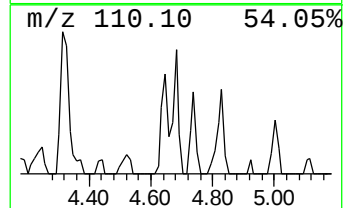
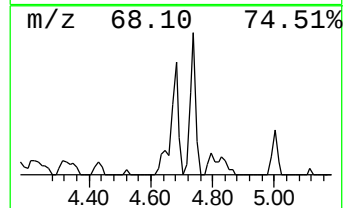
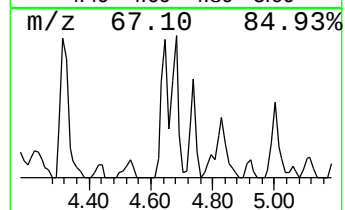
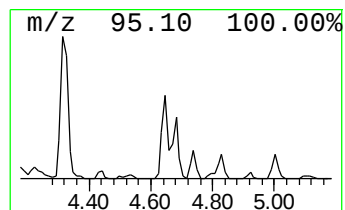
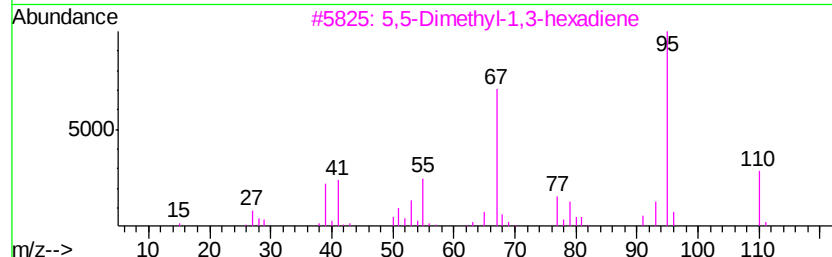
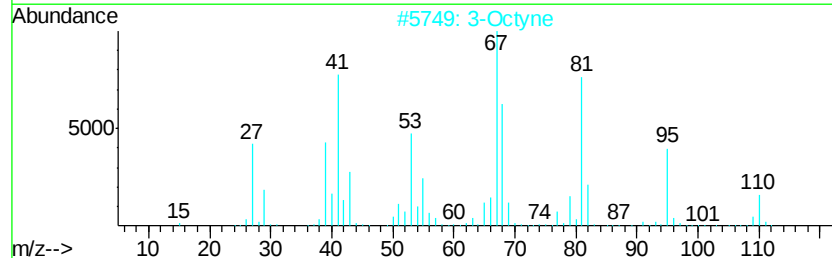
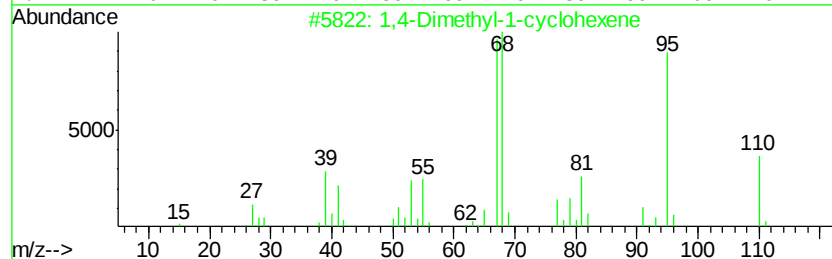
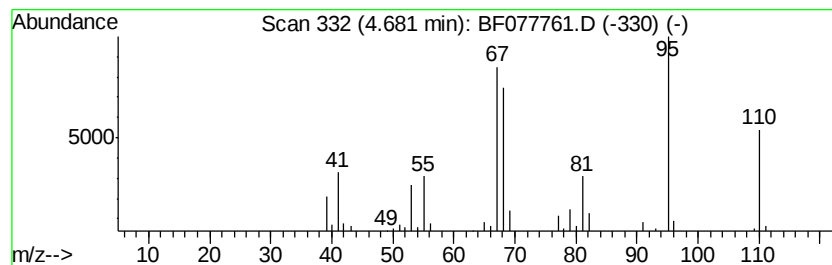
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,4-Dimethyl-1-cyclohexene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	5.35 ng	91279	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyl-1-cyclohexene	110	C8H14	070688-47-0	90
2			3-Octyne	110	C8H14	015232-76-5	87
3			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	70
4			2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	70
5			4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

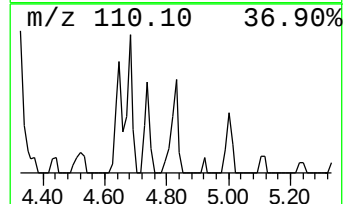
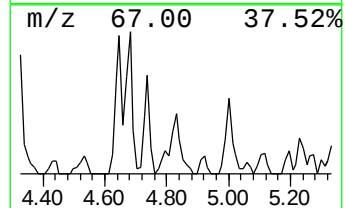
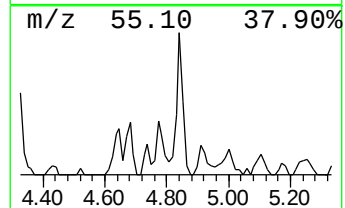
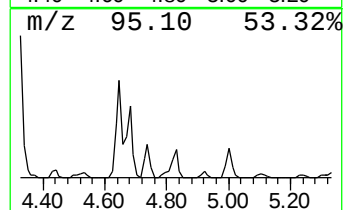
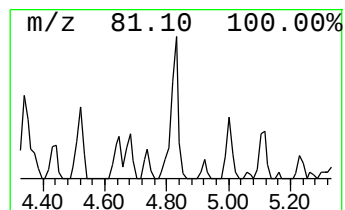
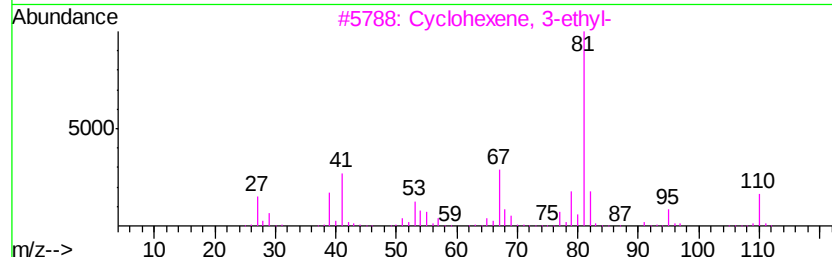
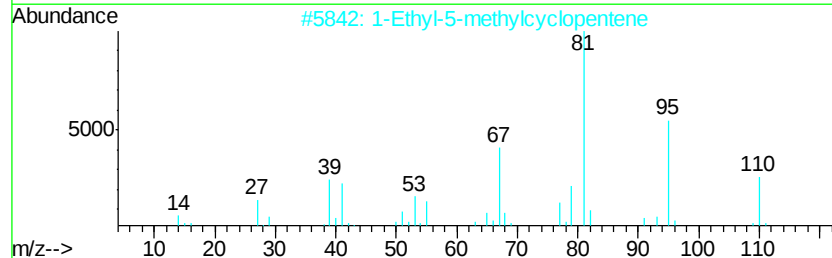
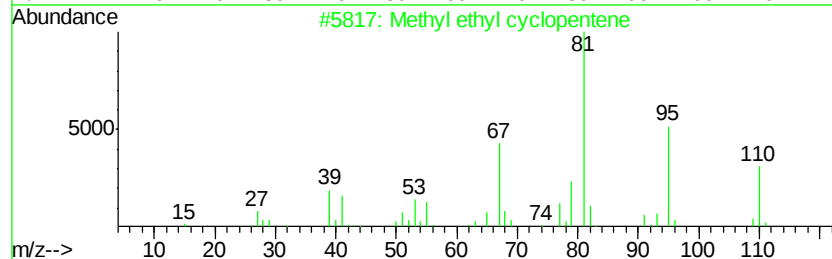
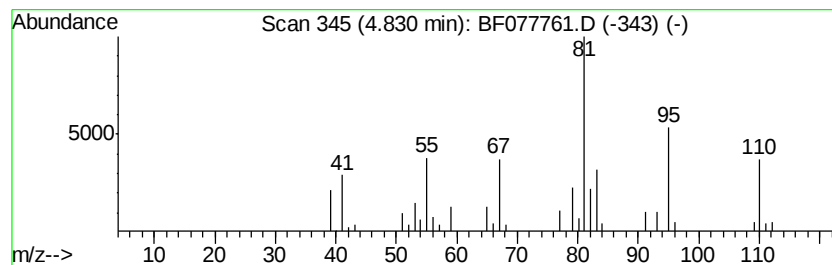
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Methyl ethyl cyclopentene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	6.48 ng	110683	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	94
2			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	81
3			Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	53
4			Cyclohexane, ethylidene-	110	C8H14	001003-64-1	50
5			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

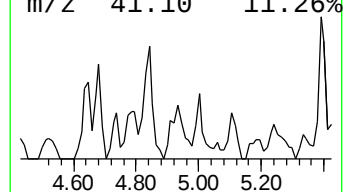
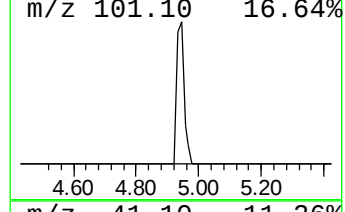
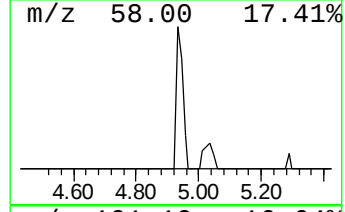
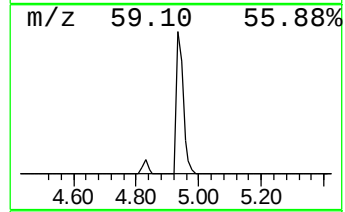
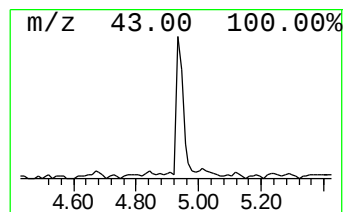
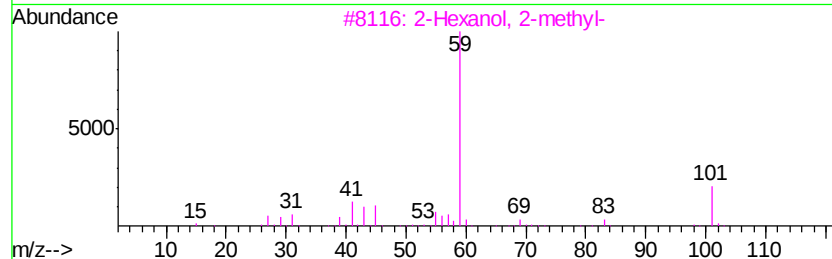
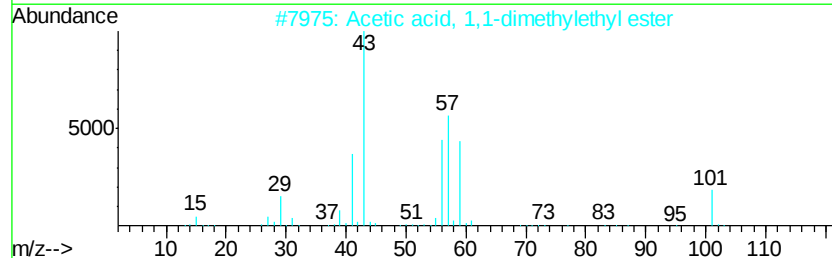
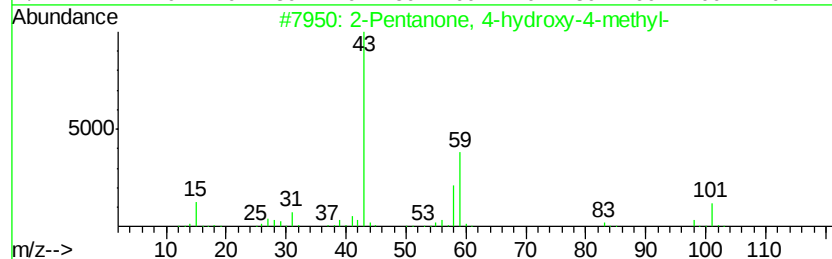
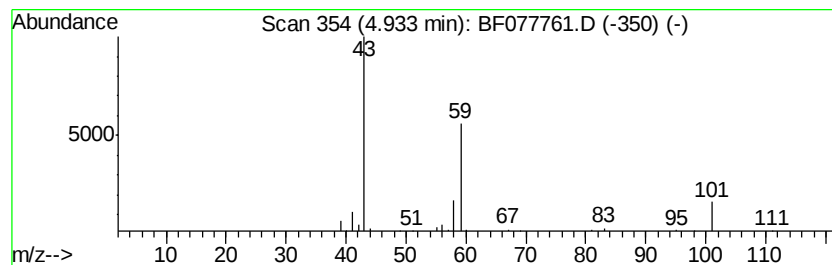
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	5.64 ng	96303	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

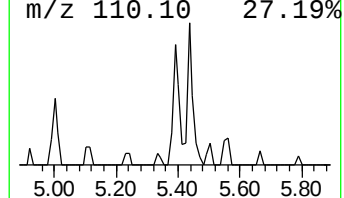
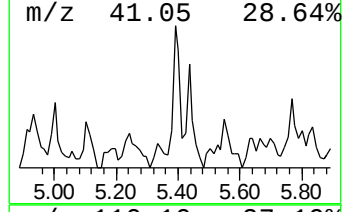
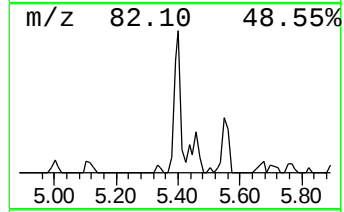
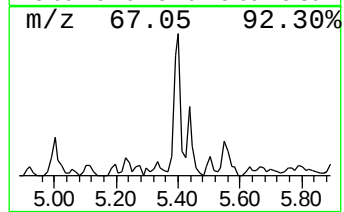
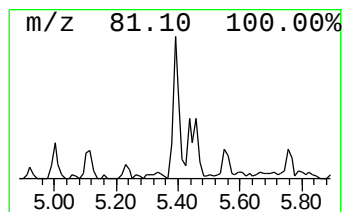
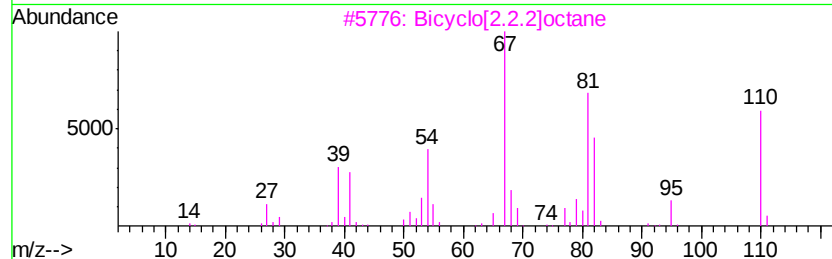
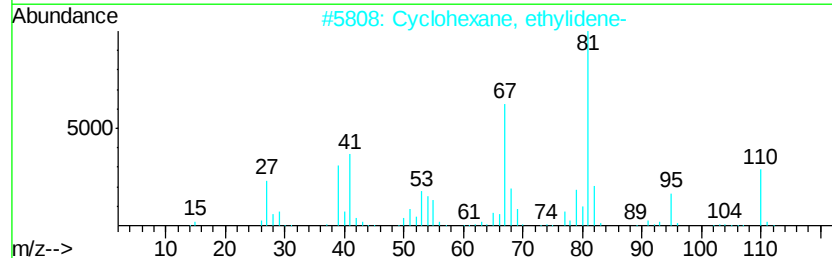
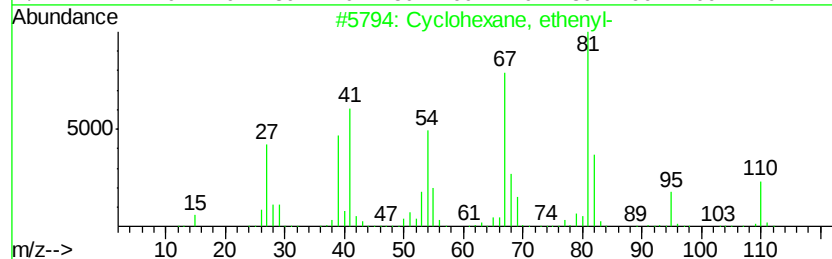
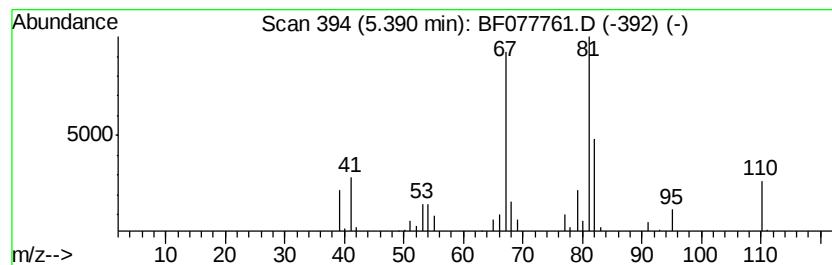
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, ethenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	8.05 ng	137476	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethenyl-	110	C8H14	000695-12-5	72
2			Cyclohexane, ethylidene-	110	C8H14	001003-64-1	70
3			Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	64
4			4-Octyne	110	C8H14	001942-45-6	60
5			Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

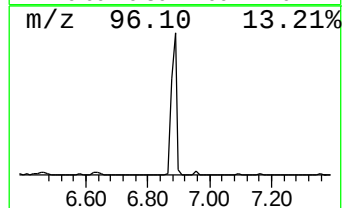
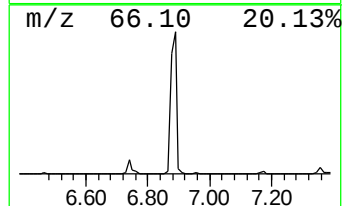
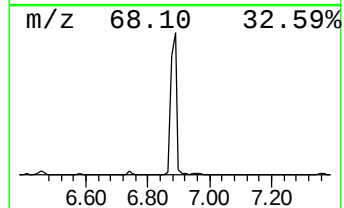
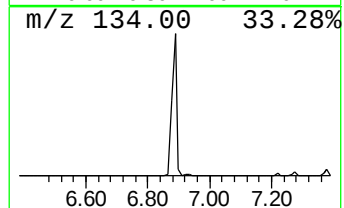
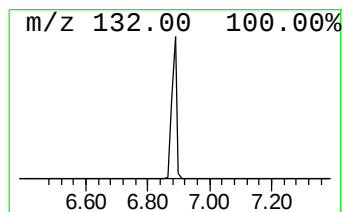
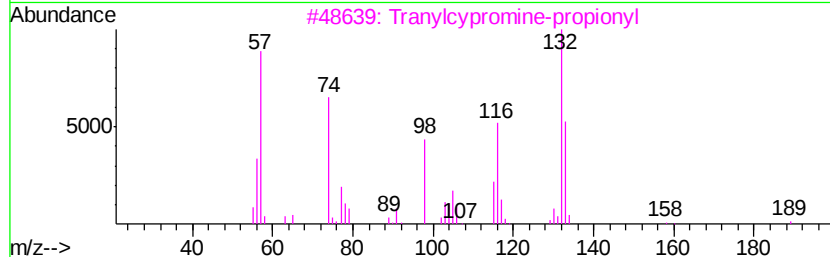
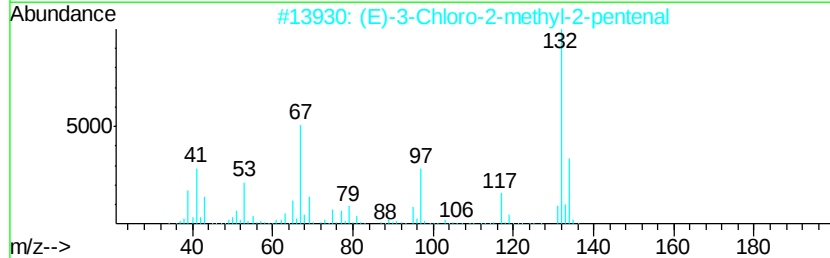
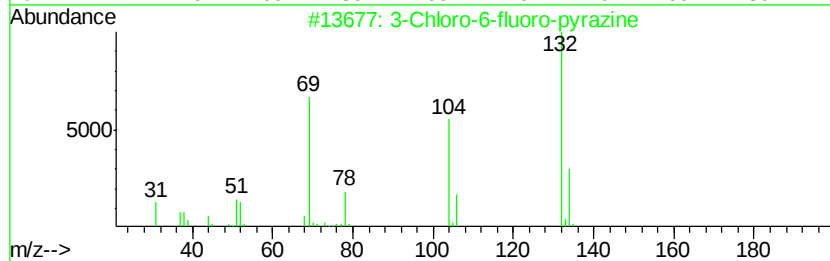
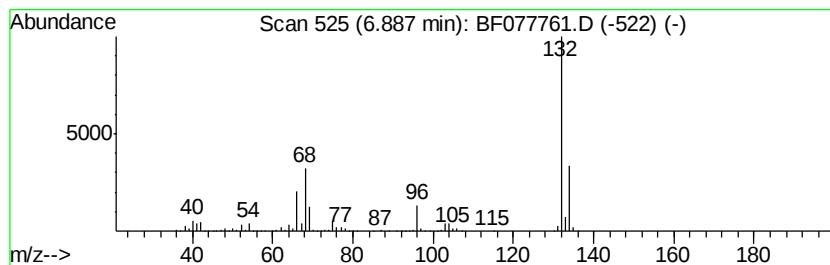
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown6.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	66.57 ng	1136580	1,4-Dichlorobenzene-d4	7.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

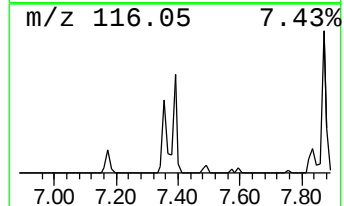
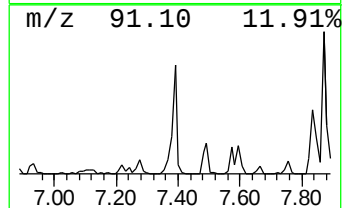
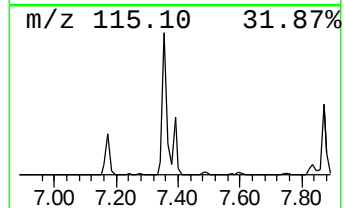
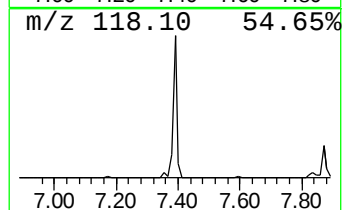
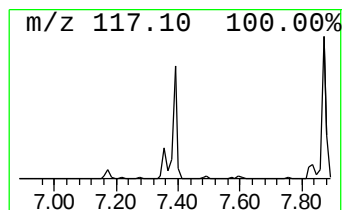
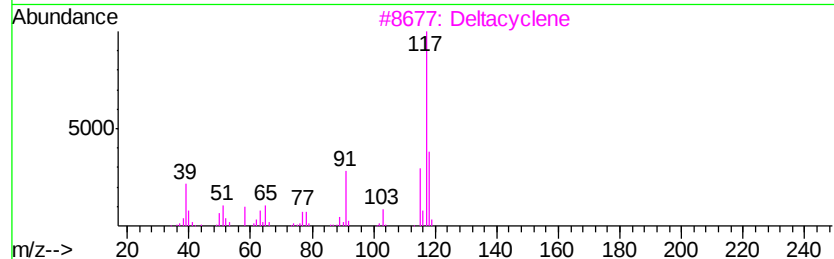
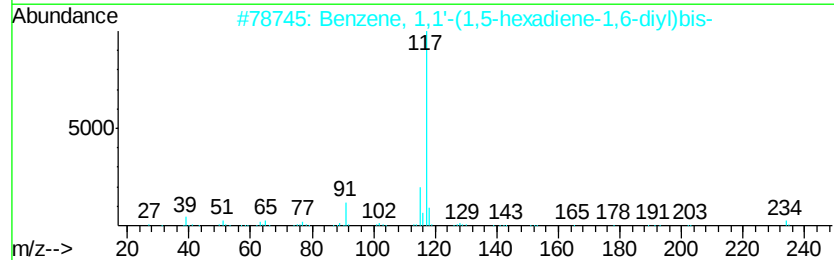
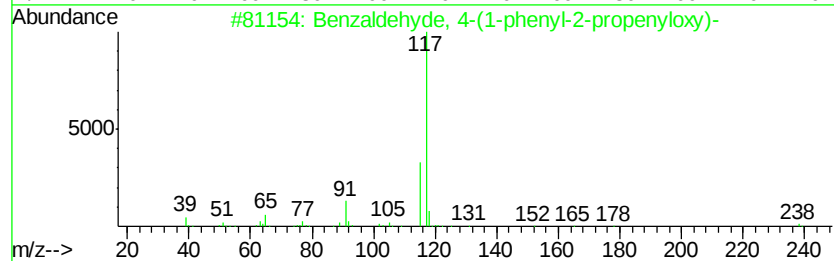
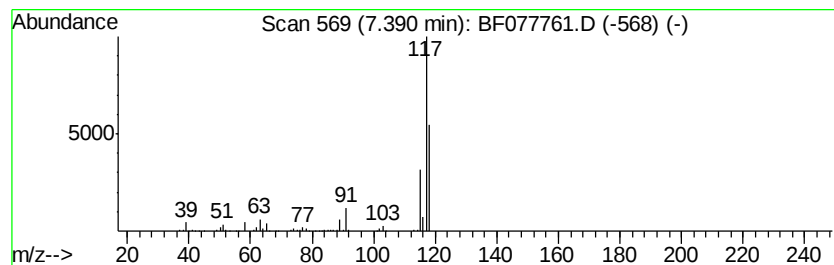
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzaldehyde, 4-(1-phenyl-2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	20.97 ng	357938	1,4-Dichlorobenzene-d4	7.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53
2		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
3		Deltacyclene	118	C9H10	007785-10-6	45
4		m-Aminophenylacetylene	117	C8H7N	054060-30-9	43
5		Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

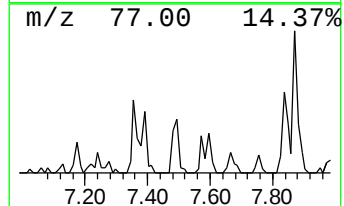
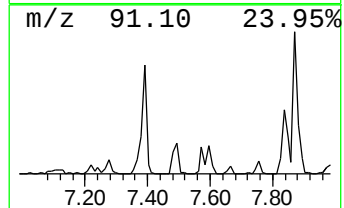
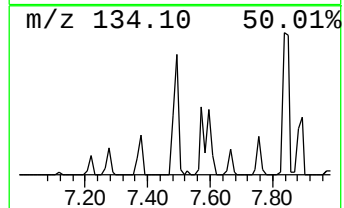
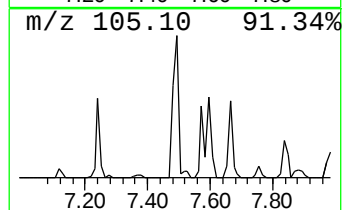
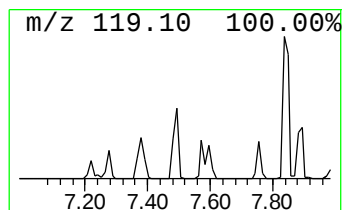
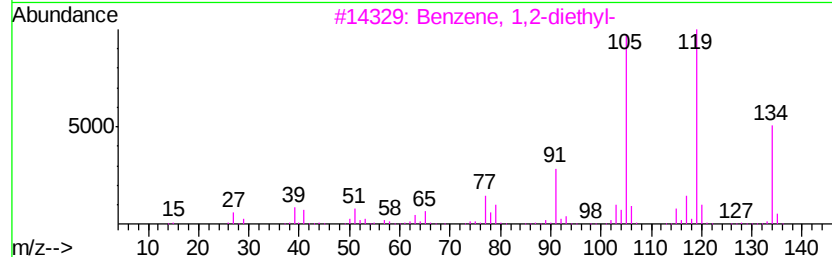
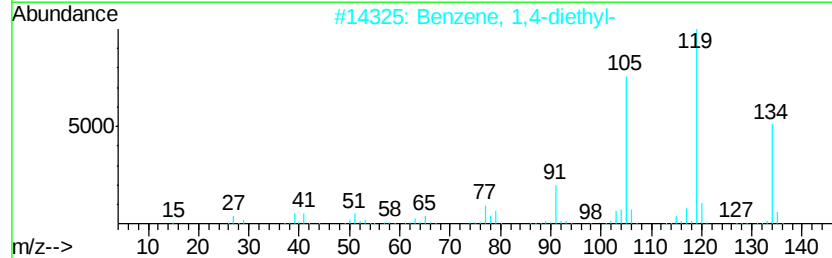
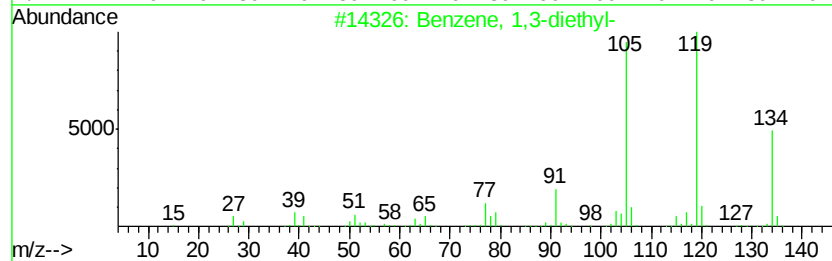
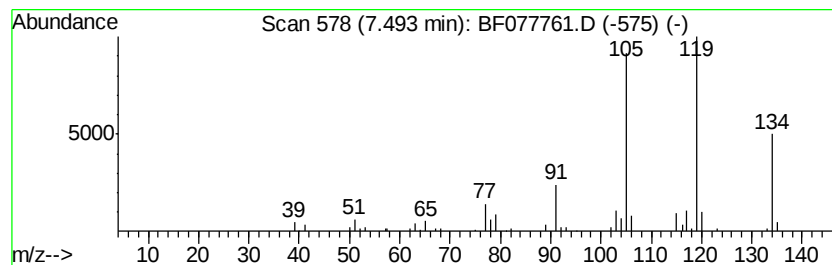
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	8.45 ng	144273	1,4-Dichlorobenzene-d4	7.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

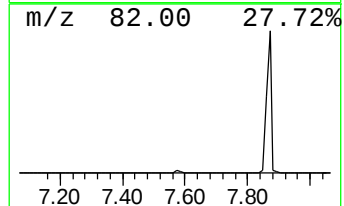
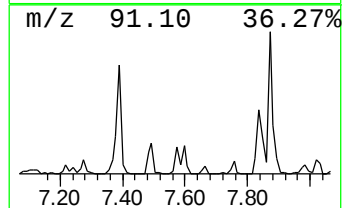
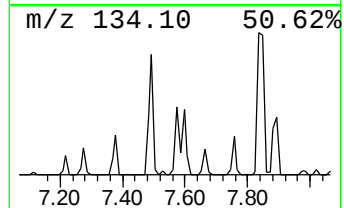
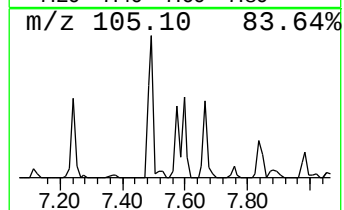
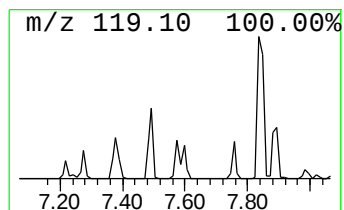
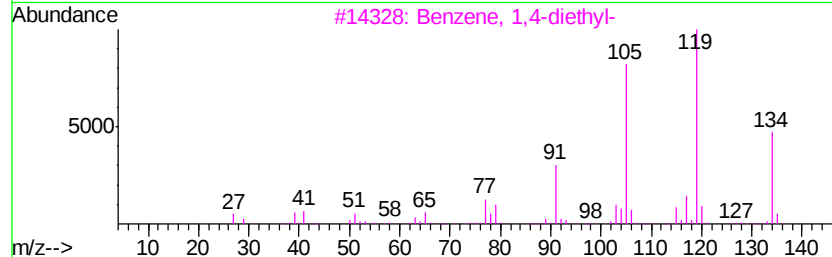
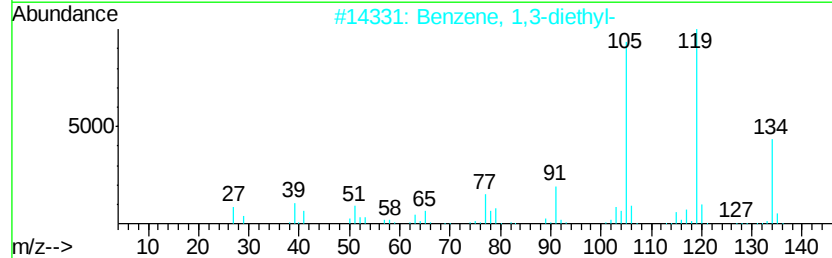
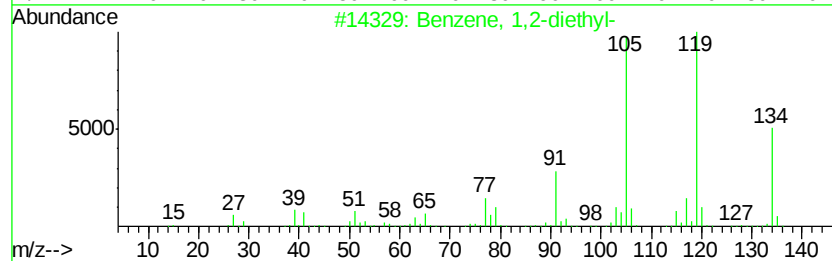
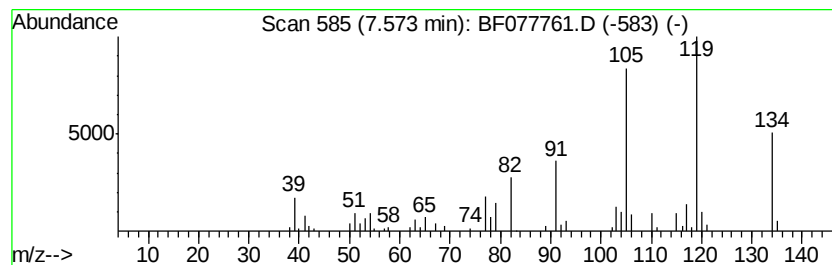
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	9.51 ng	162340	1,4-Dichlorobenzene-d4	7.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

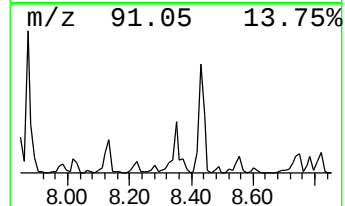
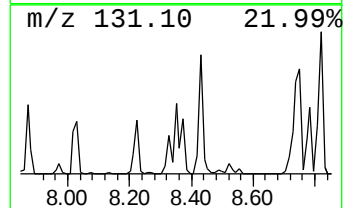
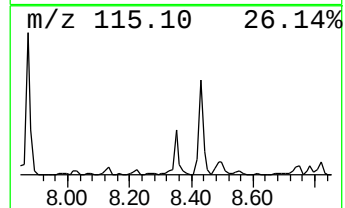
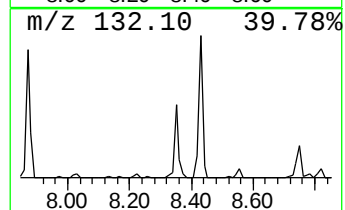
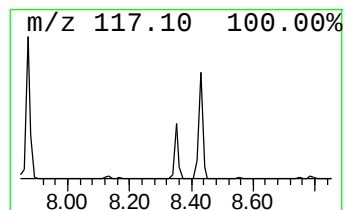
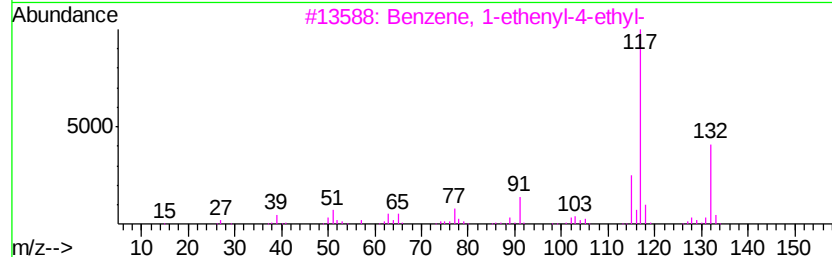
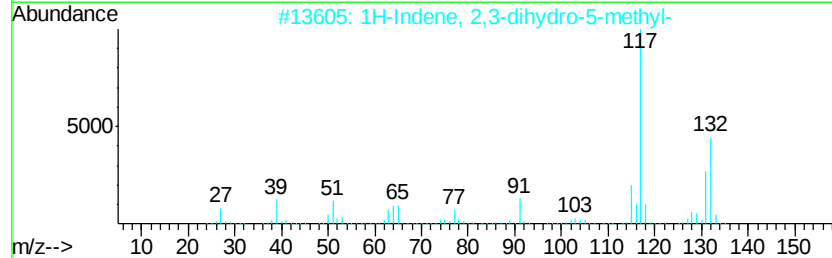
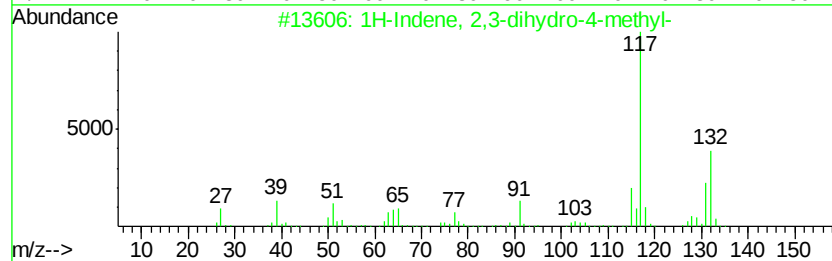
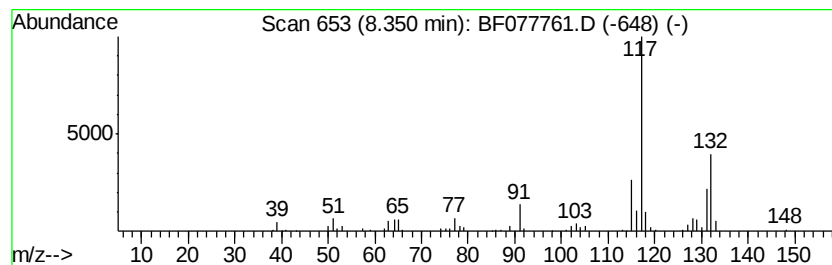
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	10.59 ng	316382	Napthalene-d8	8.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
Data File : BF077761.D
Acq On : 16 Mar 2015 19:12
Operator : TP/IZ
Sample : G1533-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FYMW-05

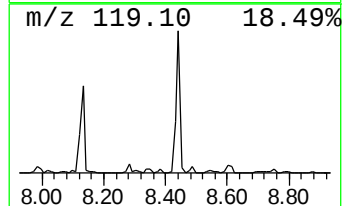
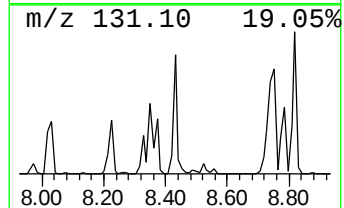
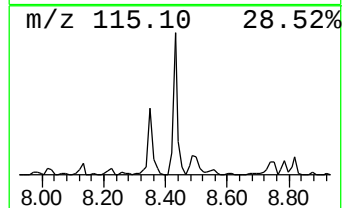
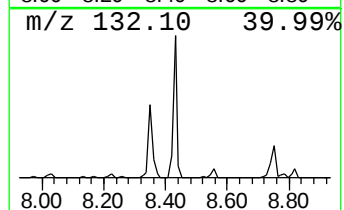
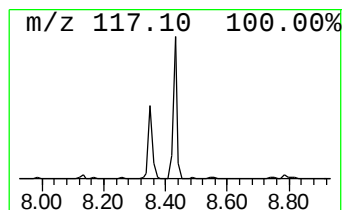
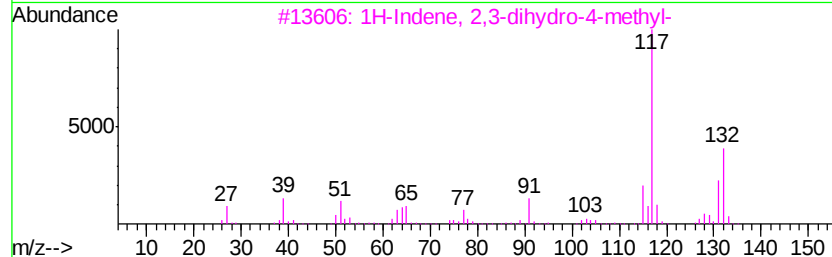
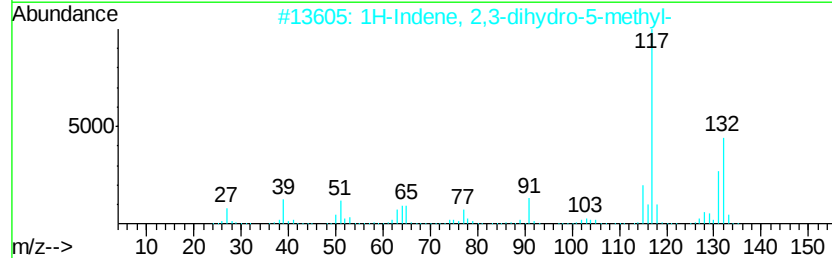
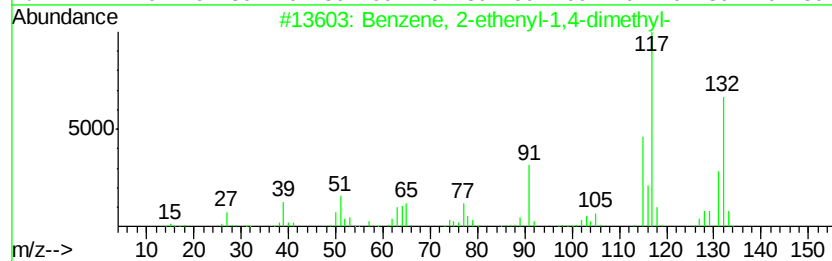
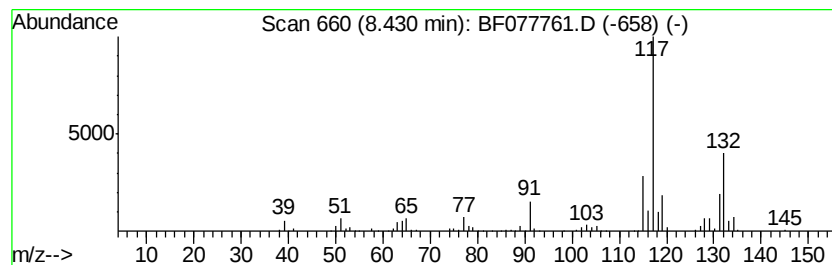
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	20.96 ng	626382	Napthalene-d8	8.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077761.D
 Acq On : 16 Mar 2015 19:12
 Operator : TP/IZ
 Sample : G1533-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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
Butane, 2-methoxy...	1.62	18.6	ng	317577	1	7.17	341447	20.0
Cyclopentene, 4,4...	1.96	5.5	ng	93810	1	7.17	341447	20.0
Cyclohexane, methyl-	2.38	13.5	ng	230408	1	7.17	341447	20.0
2,4-Heptadiene, (...)	2.96	7.7	ng	131965	1	7.17	341447	20.0
Cyclohexene, 1-me...	3.45	10.4	ng	178119	1	7.17	341447	20.0
Cyclopentene, 1,2...	4.32	11.6	ng	197145	1	7.17	341447	20.0
Cyclohexene, 3,5-...	4.65	5.9	ng	101348	1	7.17	341447	20.0
1,4-Dimethyl-1-cy...	4.68	5.3	ng	91279	1	7.17	341447	20.0
Methyl ethyl cycl...	4.83	6.5	ng	110683	1	7.17	341447	20.0
2-Pentanone, 4-hy...	4.93	5.6	ng	96303	1	7.17	341447	20.0
Cyclohexane, ethe...	5.39	8.1	ng	137476	1	7.17	341447	20.0
unknown6.89	6.89	66.6	ng	1136580	1	7.17	341447	20.0
Benzaldehyde, 4-(...	7.39	21.0	ng	357938	1	7.17	341447	20.0
Benzene, 1,3-diet...	7.49	8.4	ng	144273	1	7.17	341447	20.0
Benzene, 1,2-diet...	7.57	9.5	ng	162340	1	7.17	341447	20.0
1H-Indene, 2,3-di...	8.35	10.6	ng	316382	2	8.75	597686	20.0
Benzene, 2-etheny...	8.43	21.0	ng	626382	2	8.75	597686	20.0