

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093342.D
 Acq On : 3 Mar 2017 1:07
 Operator : SJ/MA
 Sample : I2003-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB421A

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-BF013017.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.596	130	132	139	rVB	66761	135562	1.13%	0.151%
2	3.904	153	159	161	rBV	60017	121666	1.02%	0.136%
3	4.281	189	192	198	rBV3	118698	218190	1.83%	0.244%
4	4.750	228	233	235	rBV	112150	172661	1.45%	0.193%
5	4.841	238	241	245	rVB3	167762	361766	3.03%	0.404%
6	4.933	245	249	253	rBV2	741684	1636029	13.70%	1.828%
7	5.127	264	266	268	rBV	391111	505591	4.23%	0.565%
8	5.207	272	273	276	rBV2	140220	267015	2.24%	0.298%
9	5.333	279	284	287	rBV2	549959	1179064	9.87%	1.317%
10	5.379	287	288	291	rBV	1891726	2070502	17.33%	2.313%
11	5.424	291	292	295	rVB	275672	292167	2.45%	0.326%
12	5.516	298	300	302	rBV	409894	548976	4.60%	0.613%
13	5.562	302	304	305	rBV	331636	290496	2.43%	0.325%
14	5.596	305	307	312	rVB3	331322	674262	5.64%	0.753%
15	5.676	312	314	316	rVB	267756	325392	2.72%	0.364%
16	5.779	319	323	325	rBV2	786488	1370440	11.47%	1.531%
17	5.836	325	328	329	rBV	402930	683469	5.72%	0.764%
18	5.916	333	335	338	rVB	1093236	1239727	10.38%	1.385%
19	5.973	338	340	342	rBV	444843	873382	7.31%	0.976%
20	6.019	342	344	348	rBV2	1752588	2621309	21.94%	2.929%
21	6.076	348	349	351	rBV	1126097	1208881	10.12%	1.351%
22	6.213	358	361	363	rBV2	1278700	2086315	17.47%	2.331%
23	6.259	363	365	366	rVV2	401722	632824	5.30%	0.707%
24	6.304	366	369	374	rVB4	1851052	4950769	41.45%	5.531%
25	6.373	374	375	379	rBV2	660922	1500441	12.56%	1.676%
26	6.442	379	381	383	rBV2	1792818	3069650	25.70%	3.429%
27	6.487	383	385	386	rVB	497794	659262	5.52%	0.737%
28	6.533	386	389	390	rBV	1120245	2078307	17.40%	2.322%
29	6.567	390	392	395	rVB2	2501929	3131534	26.22%	3.499%
30	6.647	395	399	400	rBV2	1013368	2067473	17.31%	2.310%
31	6.819	403	414	416	rBV2	3961293	11944910	100.00%	13.345%
32	6.853	416	417	419	rVB	1003441	1033745	8.65%	1.155%
33	6.922	421	423	424	rBV	600600	755880	6.33%	0.844%
34	6.956	424	426	430	rVB4	2376759	5442372	45.56%	6.080%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.082	431	437	439	rBV3	2249122	6070042	50.82%	6.781%
36	7.196	445	447	448	rBV2	2351461	3132029	26.22%	3.499%
37	7.345	456	460	461	rBV3	2138147	4267793	35.73%	4.768%
38	7.459	467	470	472	rBV2	1773083	3933723	32.93%	4.395%
39	7.527	474	476	478	rVV	1434521	2493505	20.88%	2.786%
40	7.619	481	484	489	rVB4	1879549	4701913	39.36%	5.253%
41	7.733	490	494	497	rBV3	2028213	6360158	53.25%	7.106%
42	13.208	971	973	974	rBV	775107	935598	7.83%	1.045%
43	13.997	1039	1042	1043	rBV2	925973	1465067	12.27%	1.637%

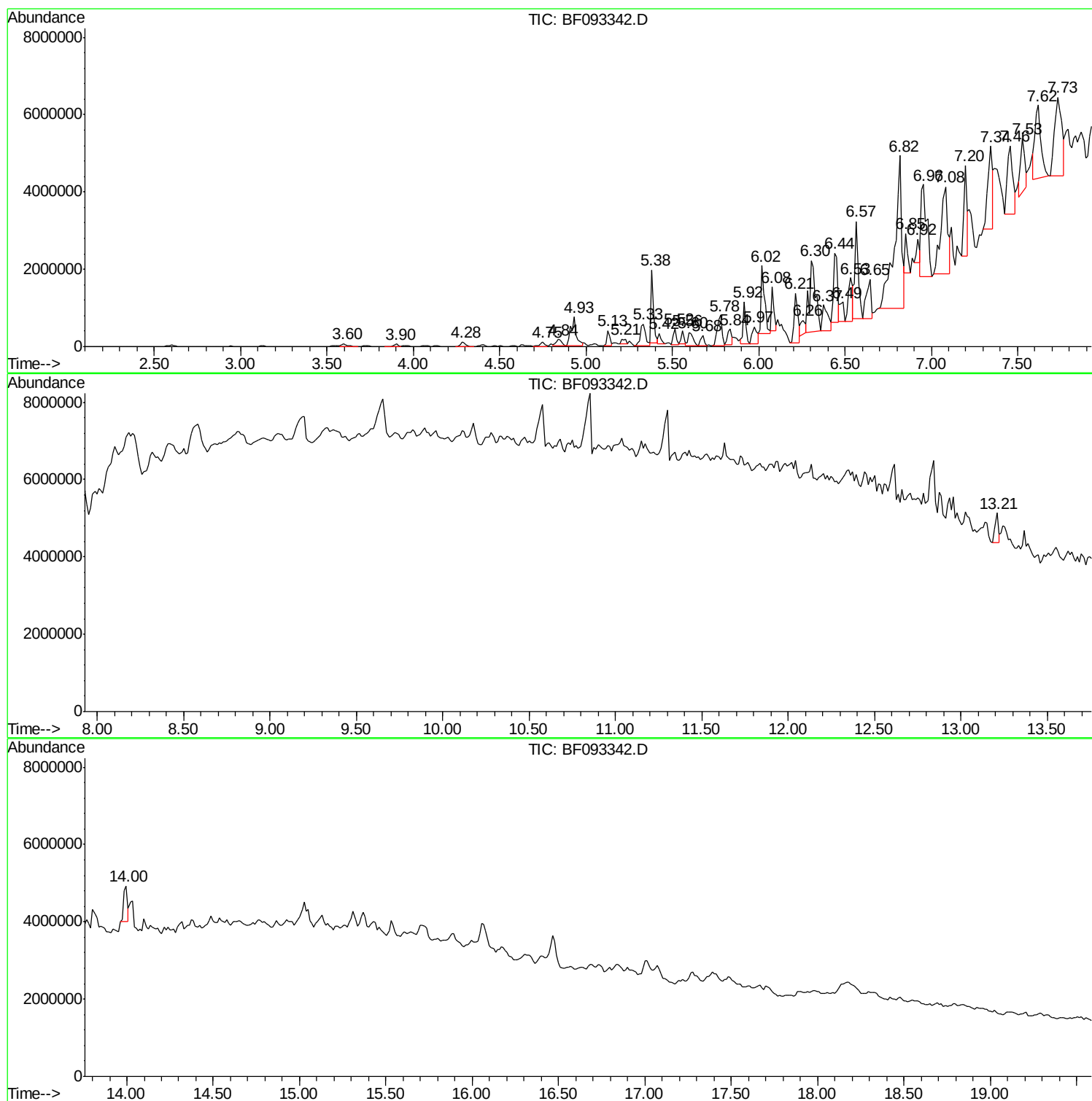
Sum of corrected areas: 89509857

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

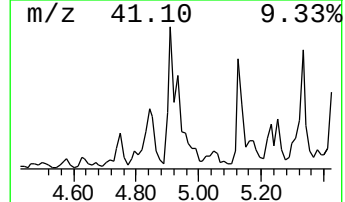
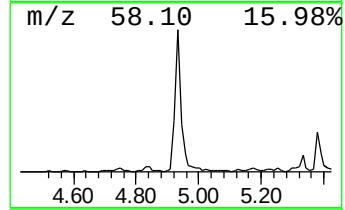
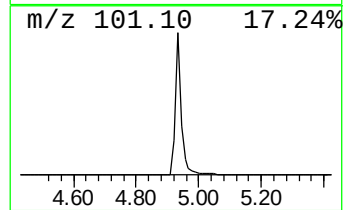
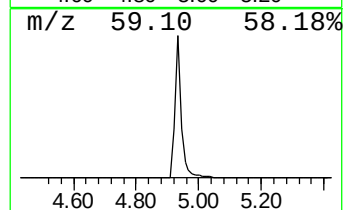
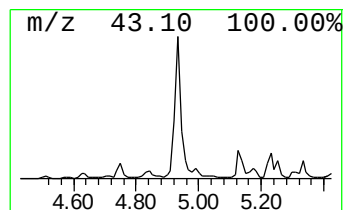
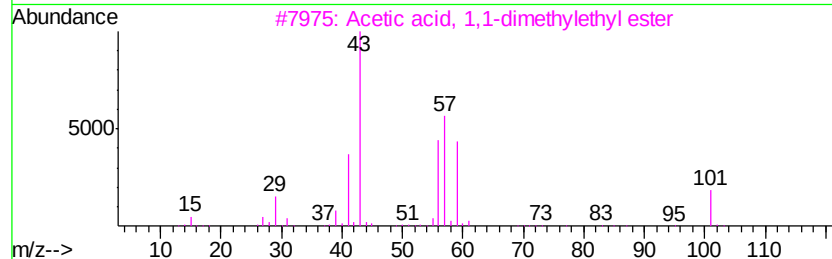
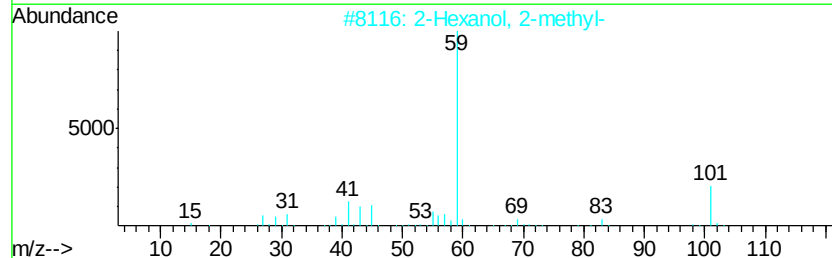
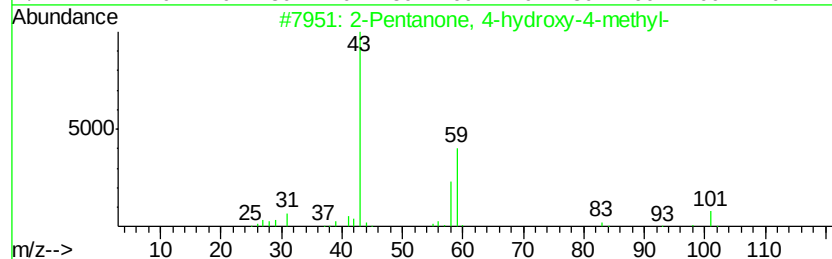
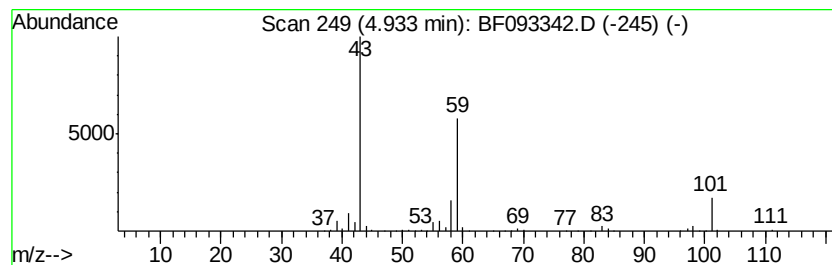
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.74 ng	1636030	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		Ethanol, pentamethyl-	116	C7H16O	000594-83-2	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

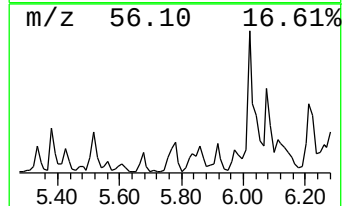
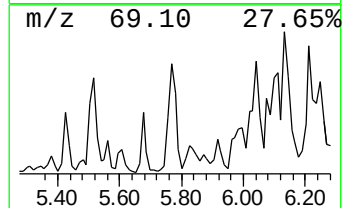
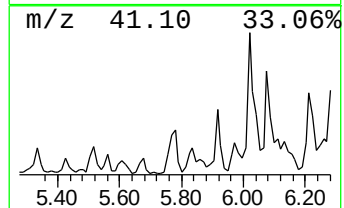
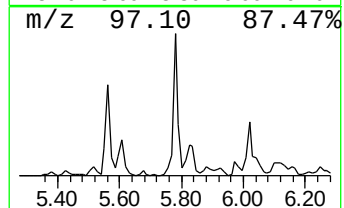
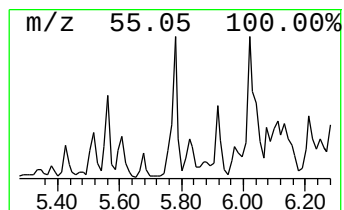
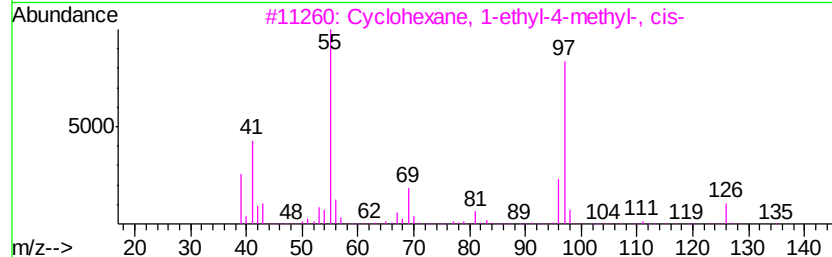
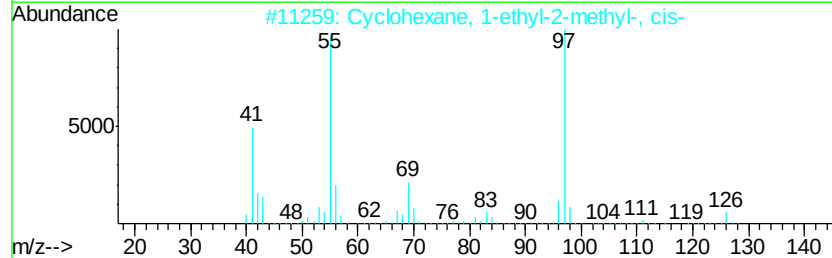
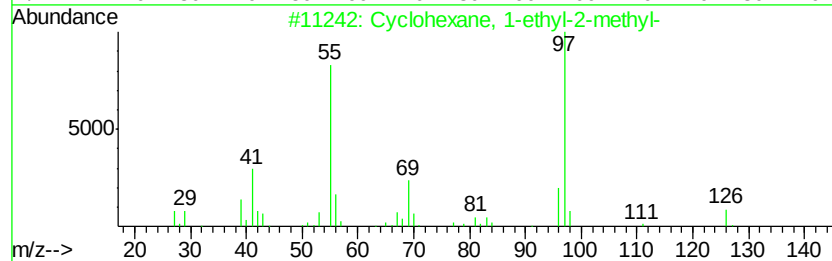
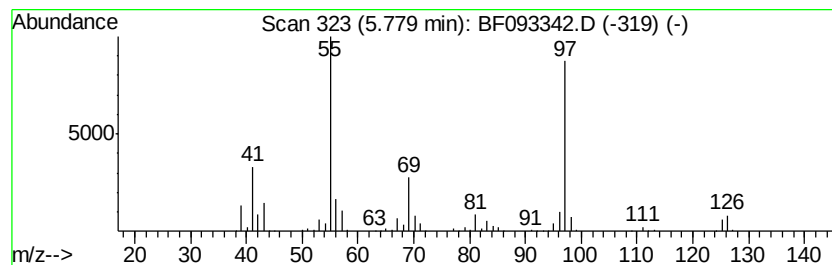
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	2.29 ng	1370440	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	83
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

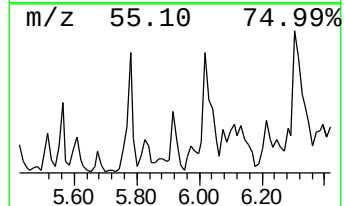
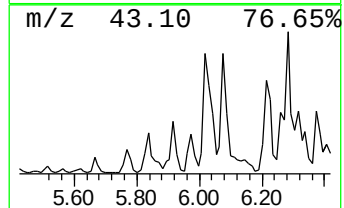
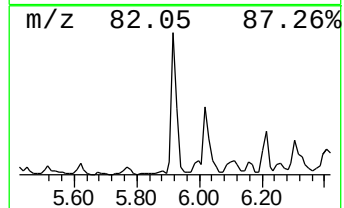
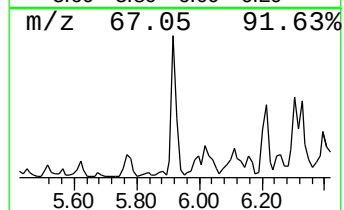
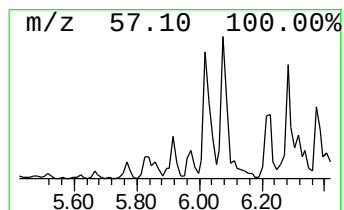
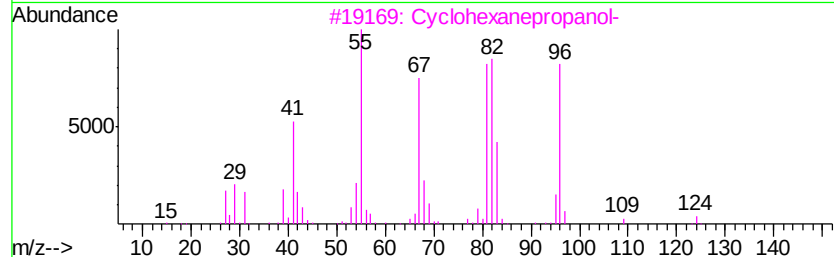
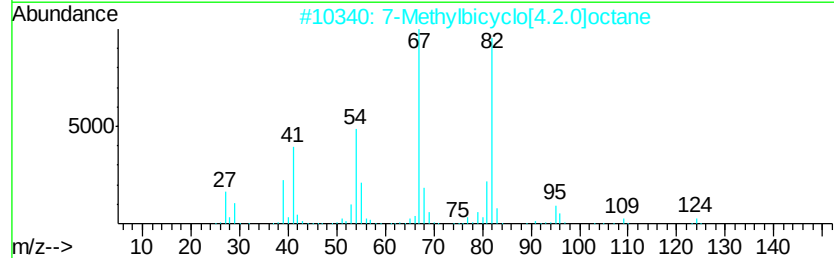
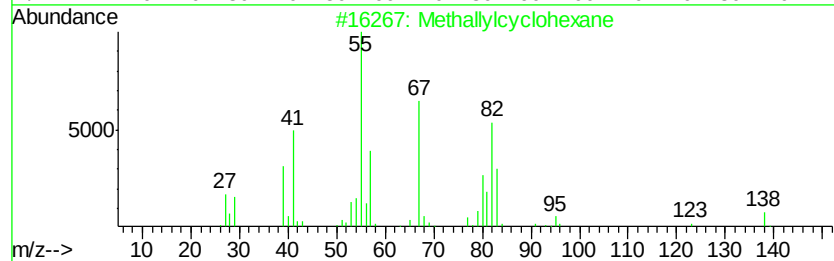
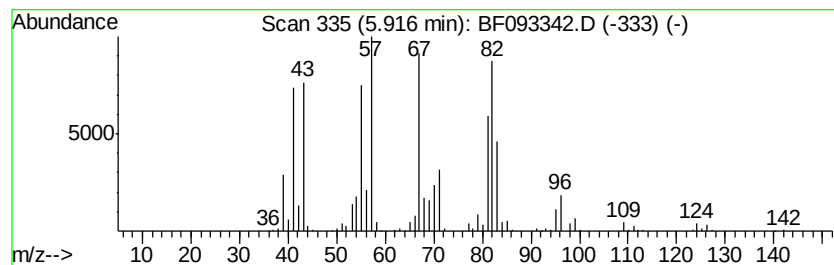
Instrument :
BNA_F
ClientSampleID :
HY-SB421A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Methallylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.92	2.08 ng	1239730	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methallylcyclohexane	138	C10H18	003990-93-0	59
2	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	55
3	Cyclohexanepropanol-	142	C9H18O	001124-63-6	49
4	1,6-Octadiene, 2,6-dimethyl-, (Z)-	138	C10H18	006874-34-6	47
5	1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
HY-SB421A

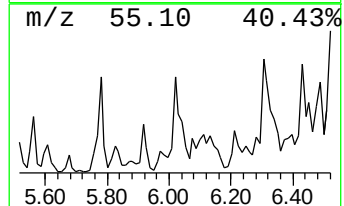
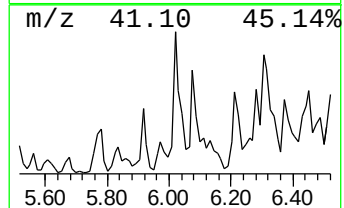
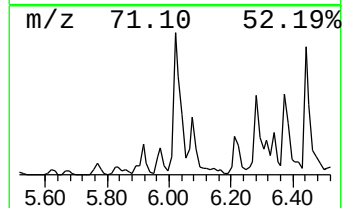
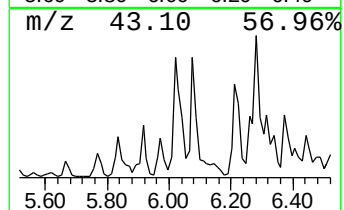
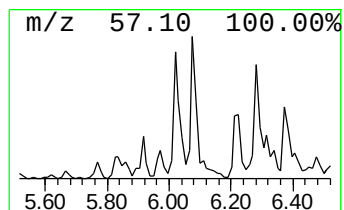
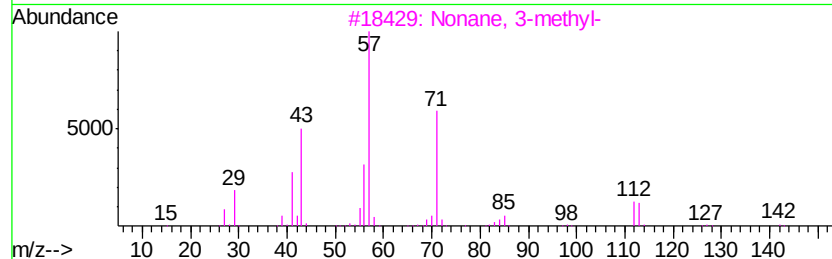
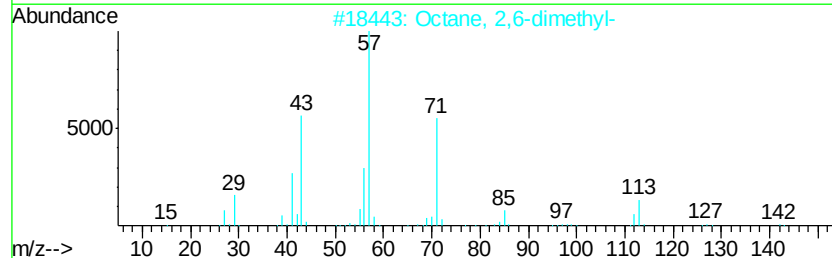
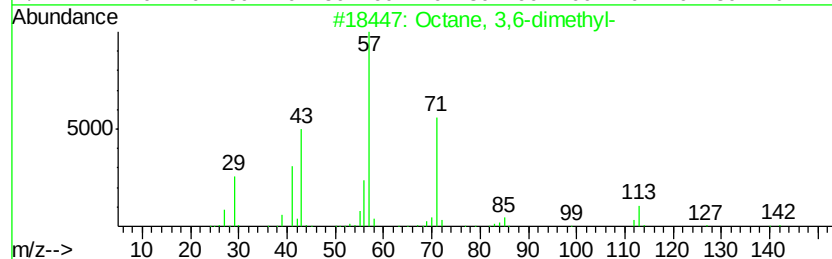
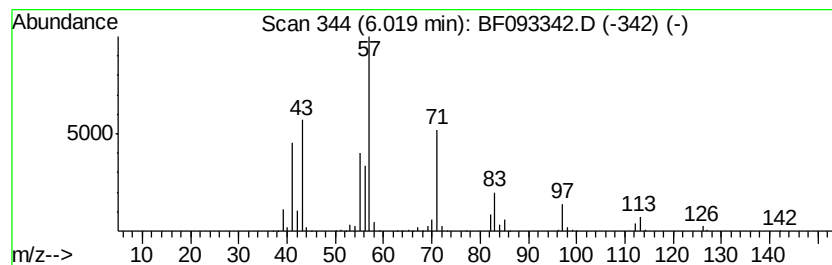
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	4.39 ng	2621310	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	62
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4		Eicosane	282	C20H42	000112-95-8	47
5		Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

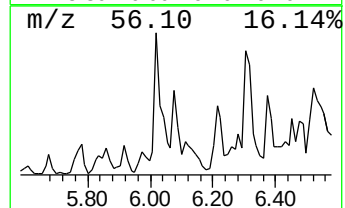
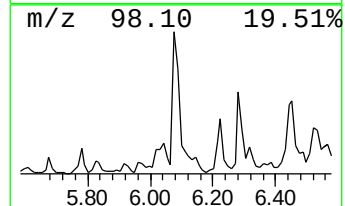
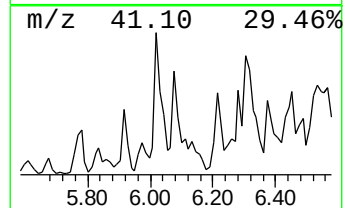
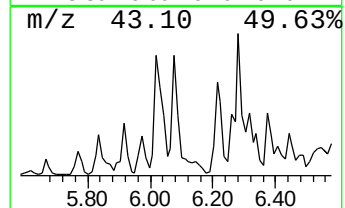
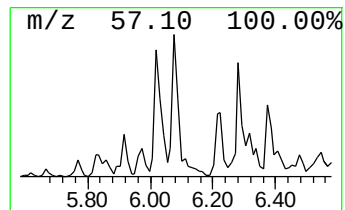
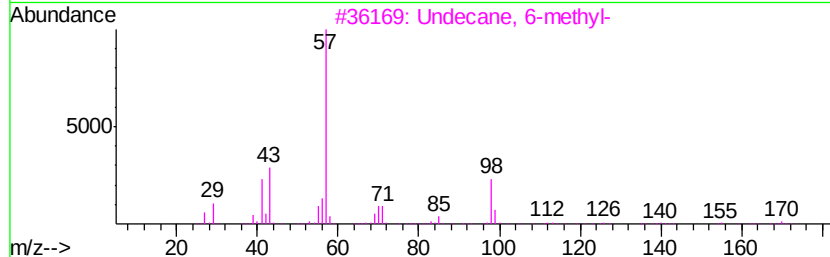
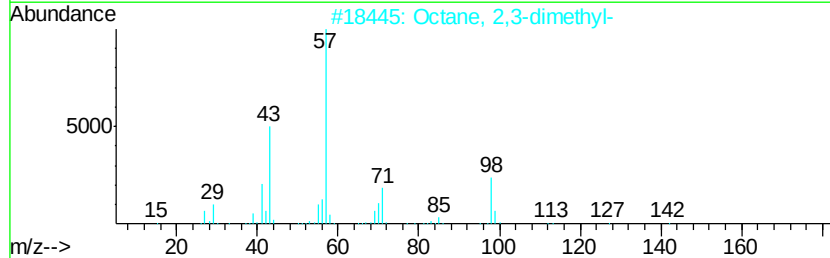
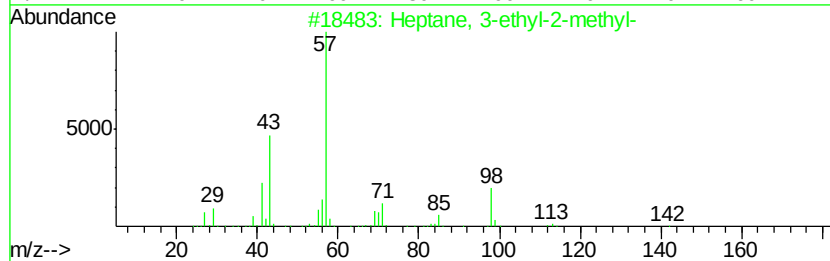
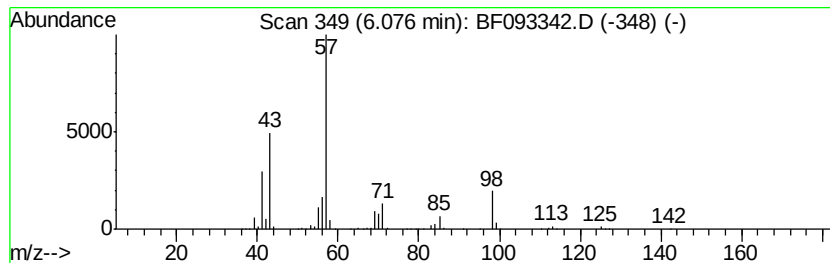
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	2.02 ng	1208880	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	64
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

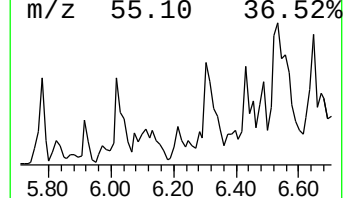
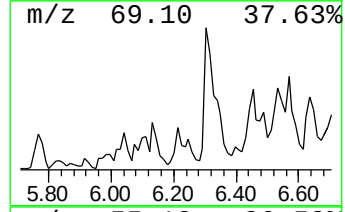
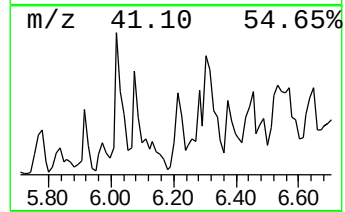
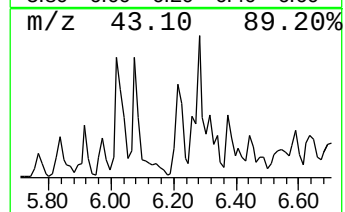
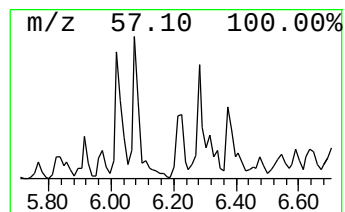
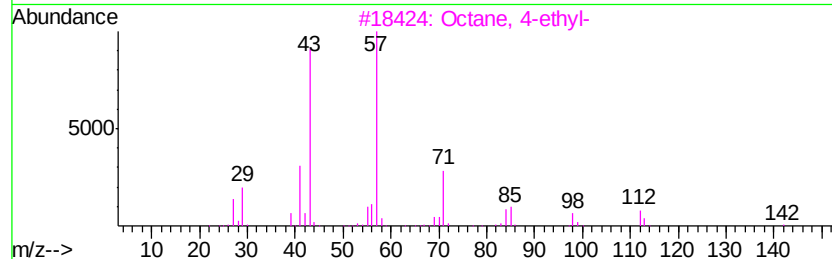
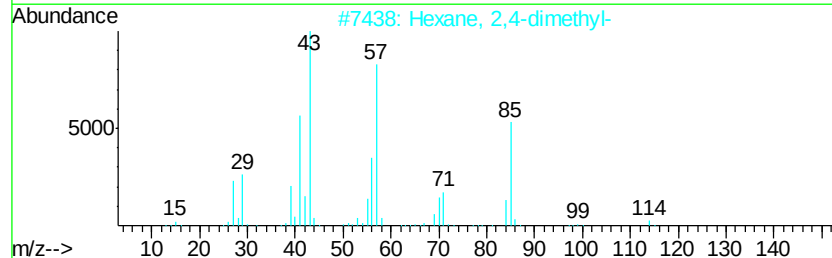
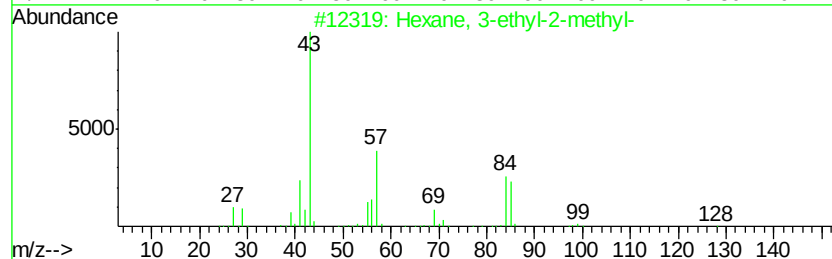
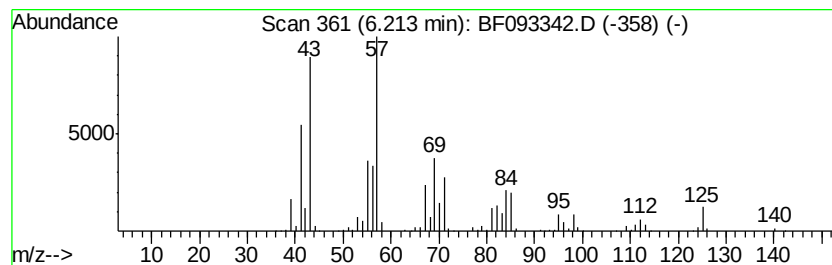
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.21 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	3.49 ng	2086320	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	43
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	38
4			Decane	142	C10H22	000124-18-5	38
5			2-Bromopropionic acid, 2-ethylhe...	264	C11H21BrO2	130841-38-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

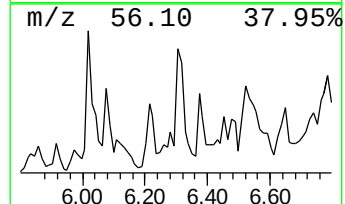
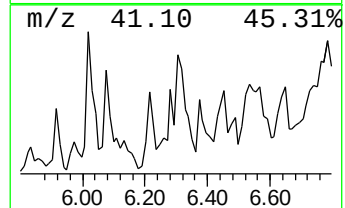
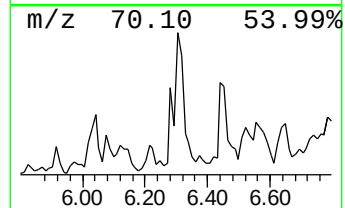
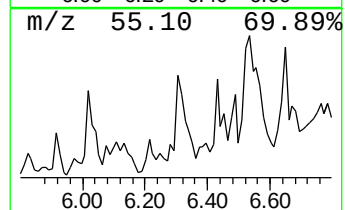
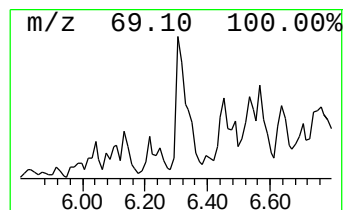
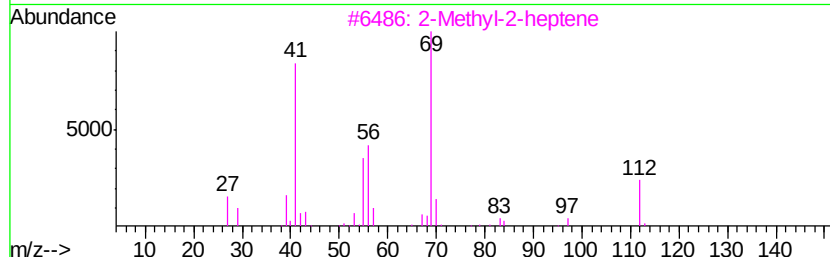
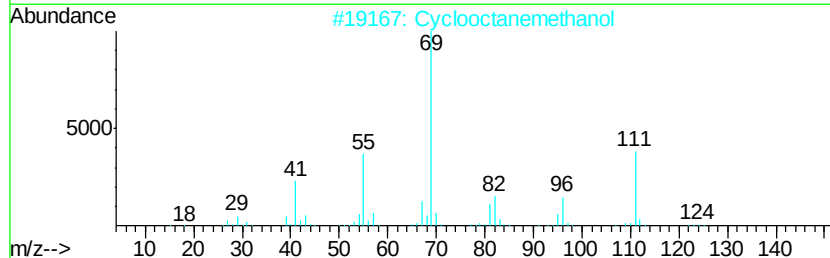
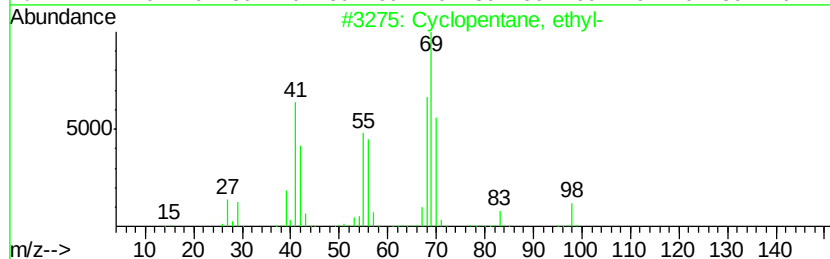
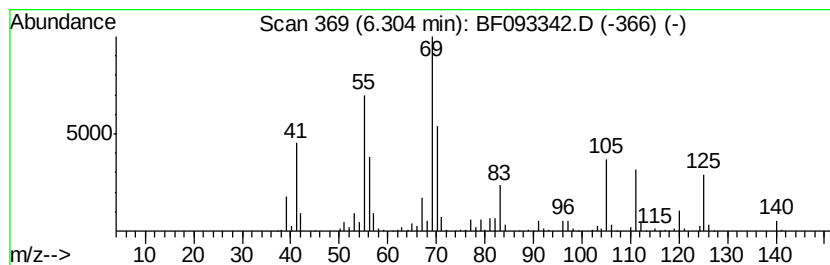
Instrument :
BNA_F
ClientSampled :
HY-SB421A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.30 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.30	8.29 ng	4950770	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	47
2	Cyclooctanemethanol	142	C9H18O	003637-63-6	38
3	2-Methyl-2-heptene	112	C8H16	000627-97-4	38
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	35
5	4-Methyl-2-heptene	112	C8H16	003404-56-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

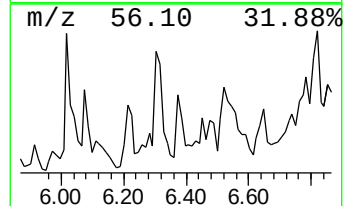
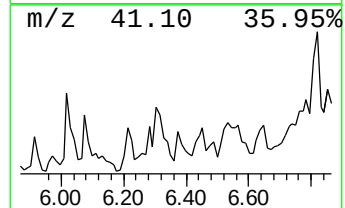
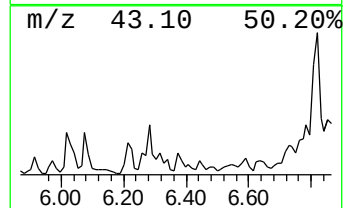
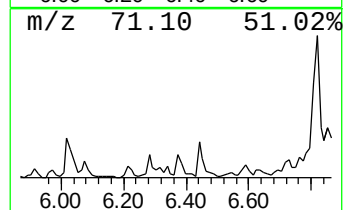
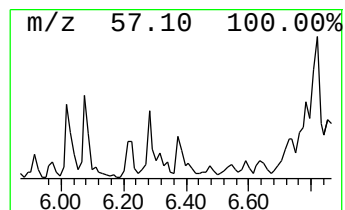
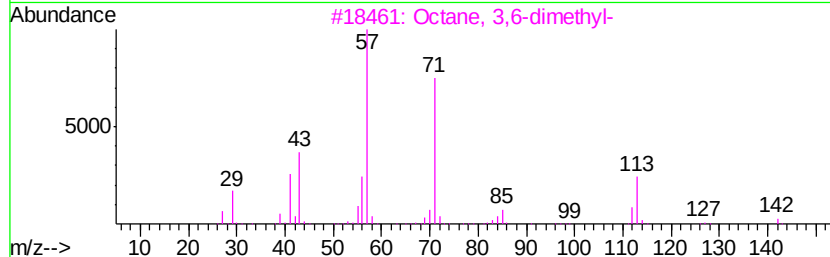
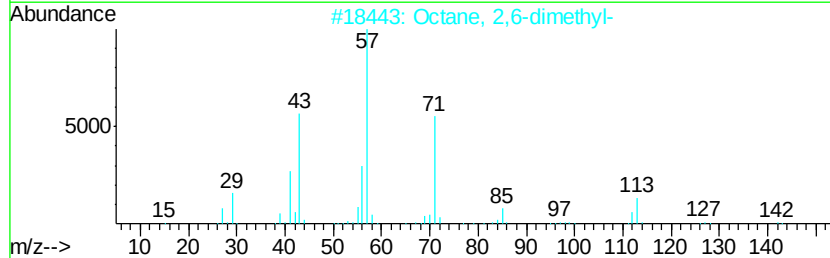
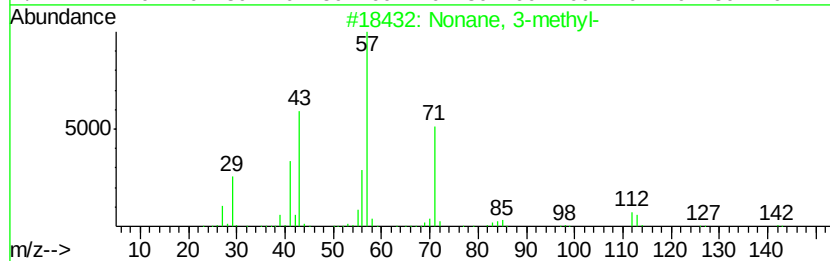
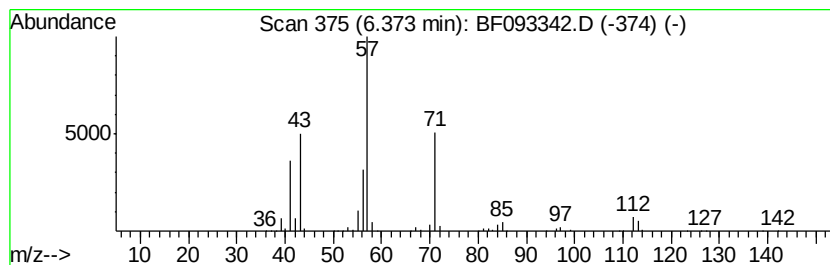
Instrument :
BNA_F
ClientSampleId :
HY-SB421A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.37	2.51 ng	1500440	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	86
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

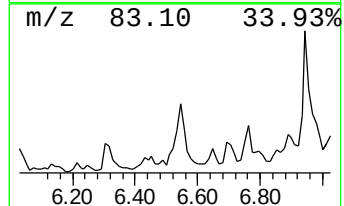
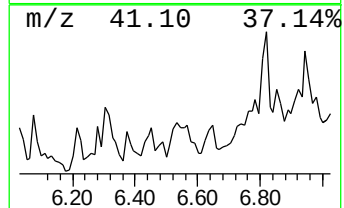
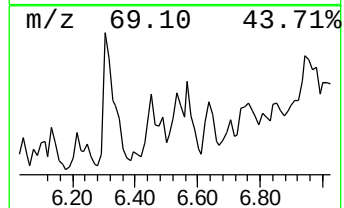
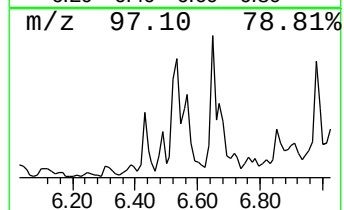
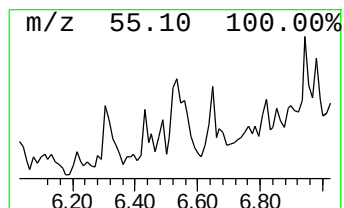
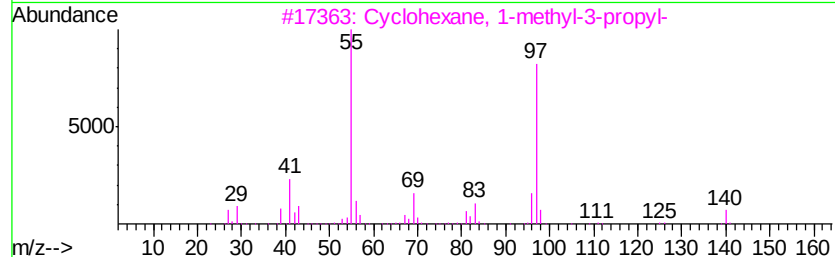
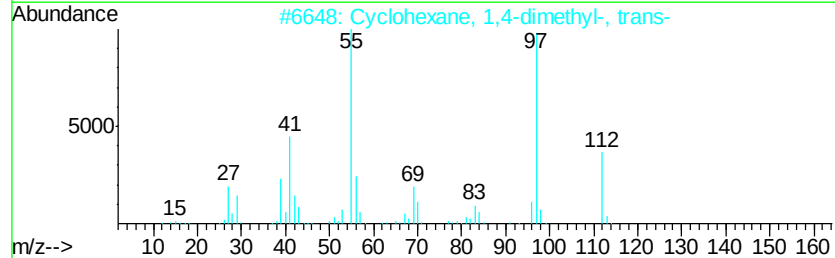
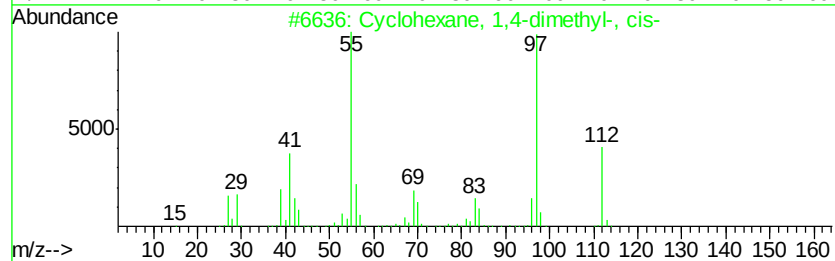
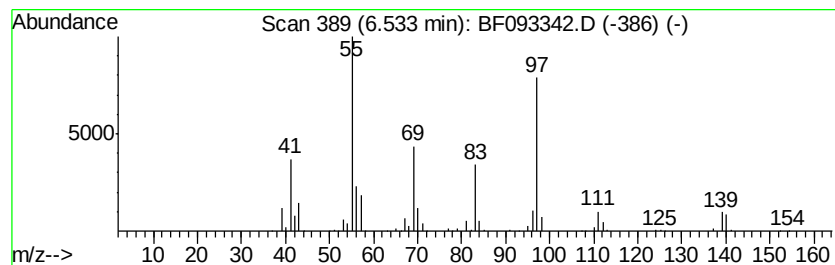
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	3.48 ng	2078310	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	74
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	68
3		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	58
5		1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

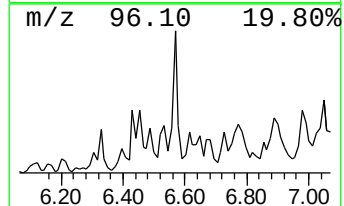
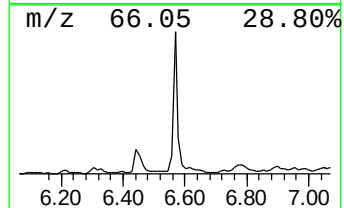
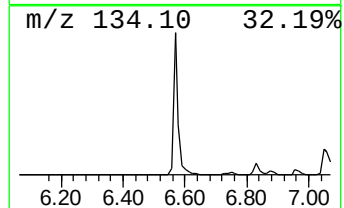
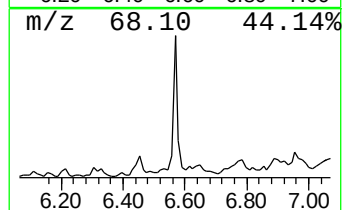
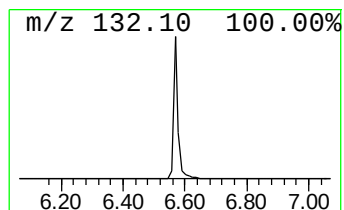
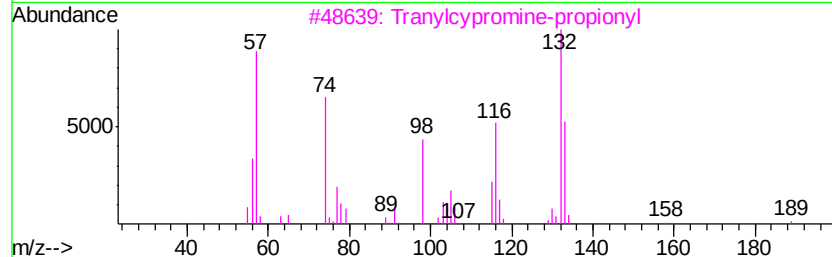
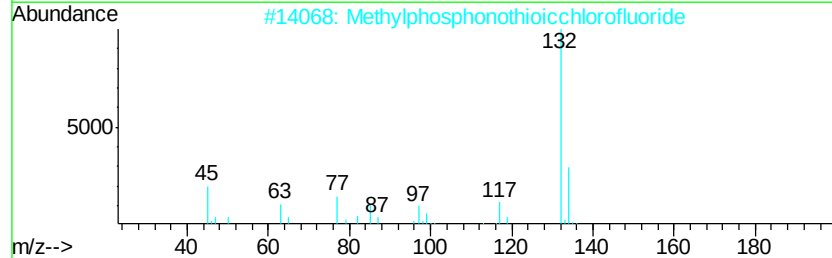
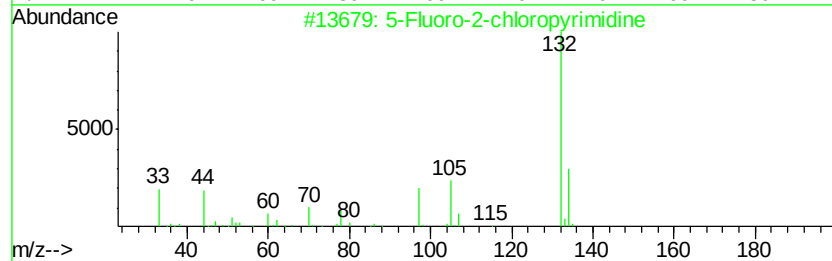
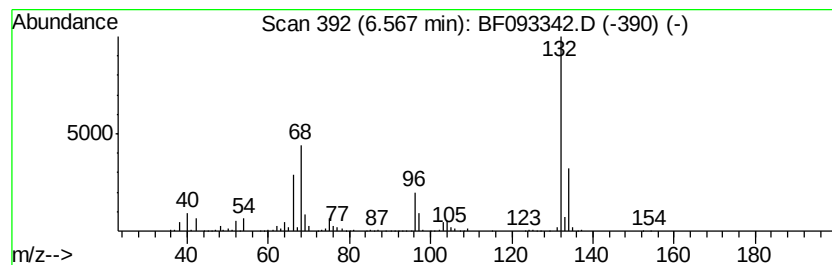
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown6.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	5.24 ng	3131530	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	12
3		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

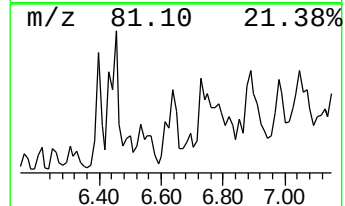
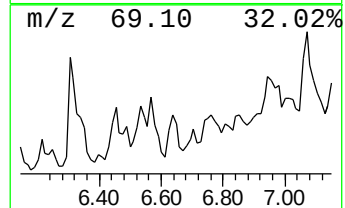
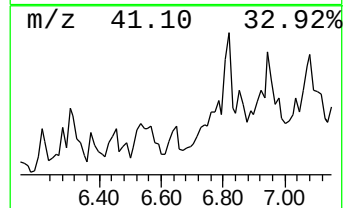
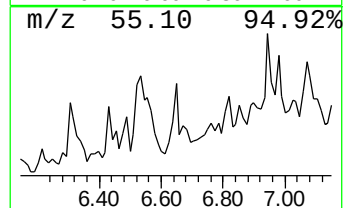
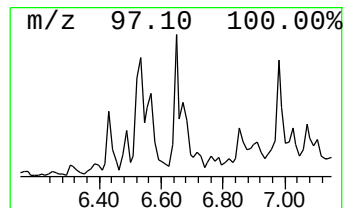
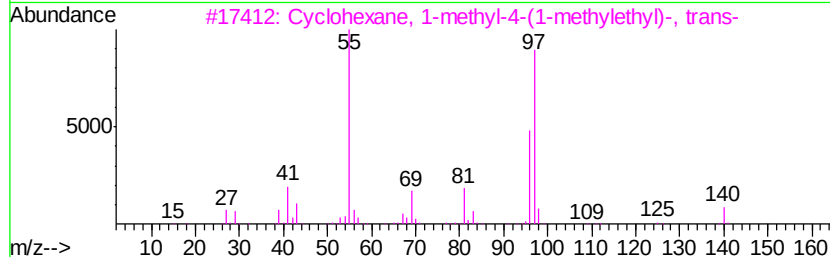
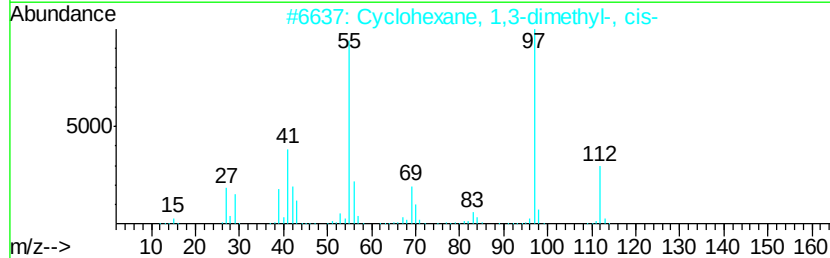
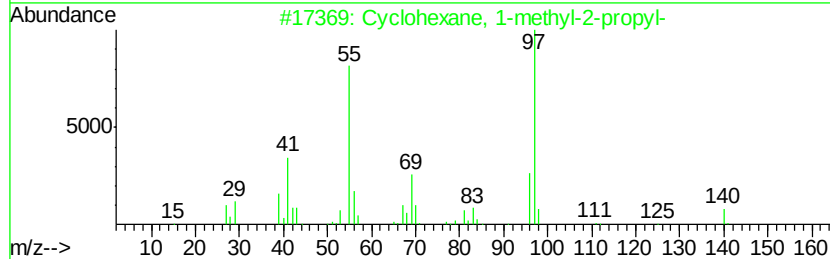
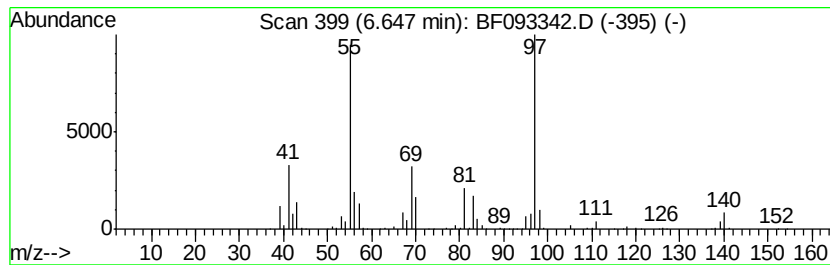
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, 1-methyl-2-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	3.46 ng	2067470	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	86
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
3			Cyclohexane, 1-methyl-4-(1-methyl-2-propyl)-, trans-	140	C10H20	001678-82-6	64
4			Cyclohexane, 1-methyl-4-(1-methyl-2-propyl)-, cis-	140	C10H20	006069-98-3	64
5			Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

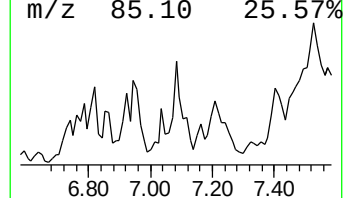
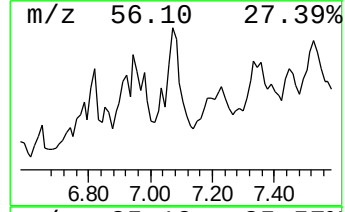
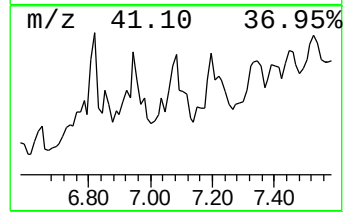
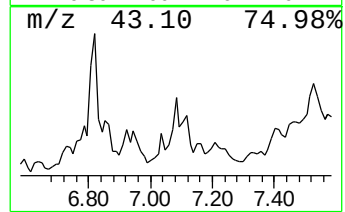
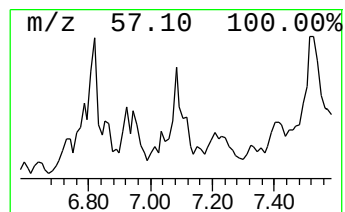
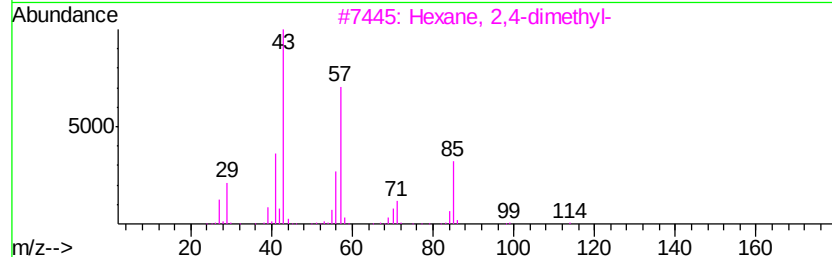
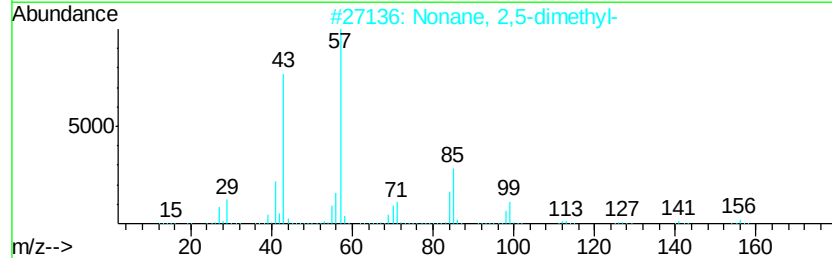
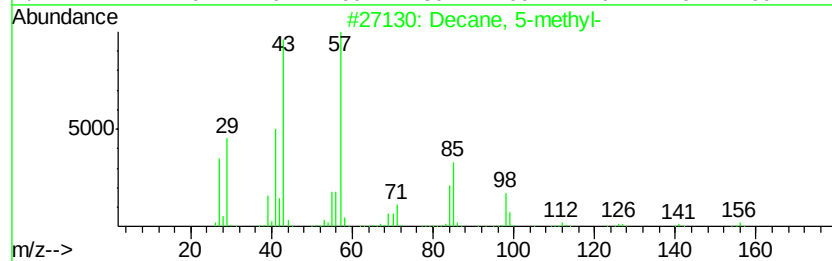
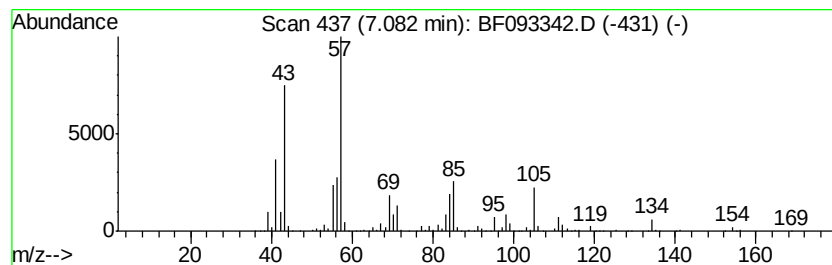
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	10.16 ng	6070040	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	47
2		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	43
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
5		Ether, heptyl hexyl	200	C13H28O	007289-40-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

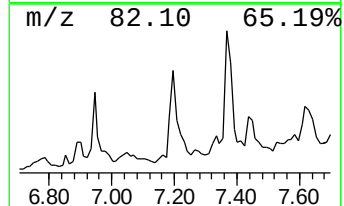
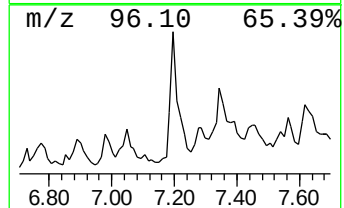
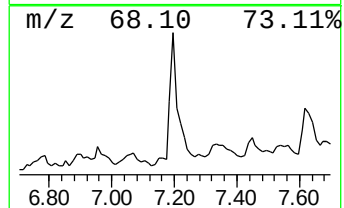
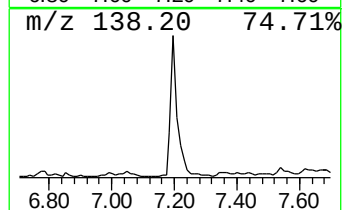
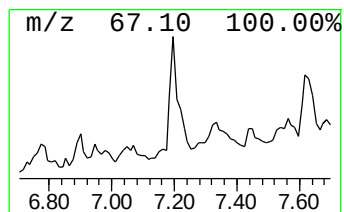
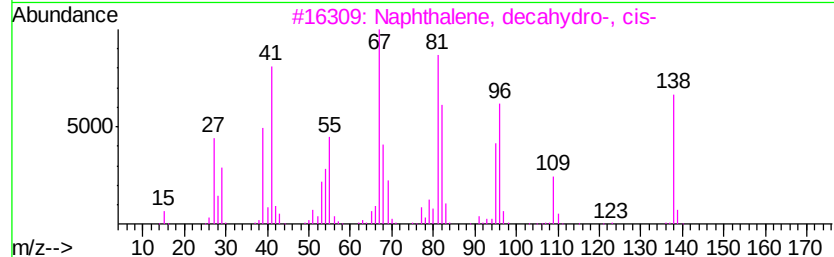
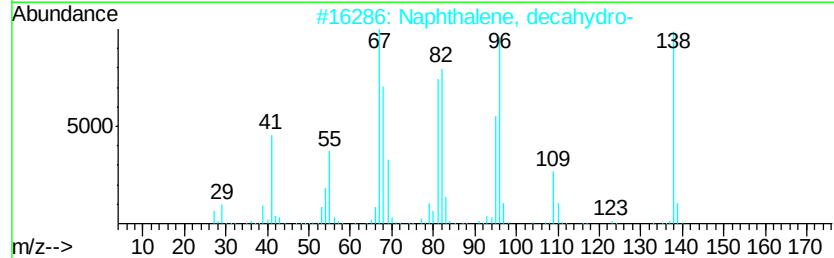
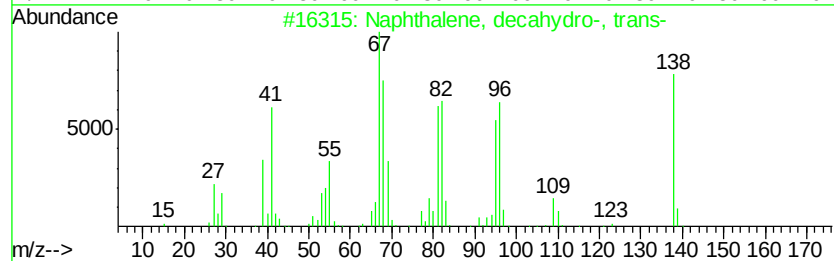
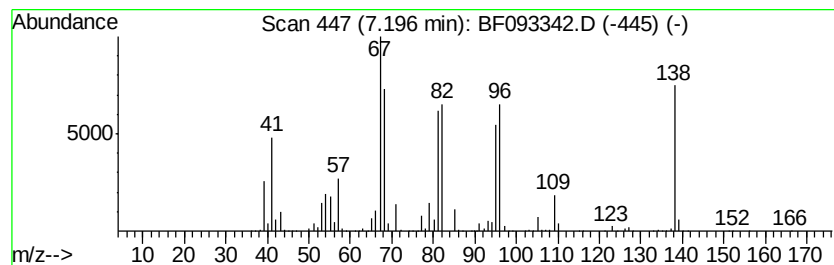
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	5.24 ng	3132030	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	86
4		Spiro[4.5]decane	138	C10H18	000176-63-6	83
5		Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

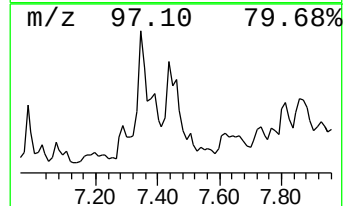
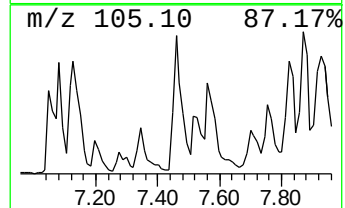
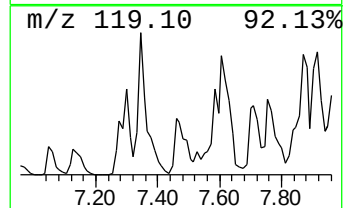
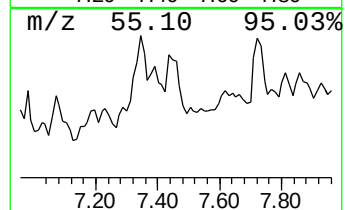
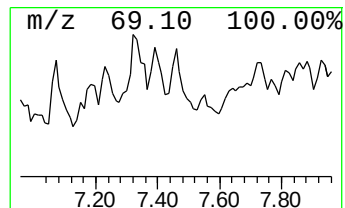
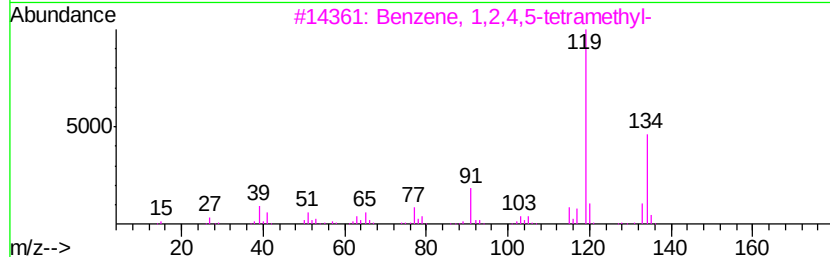
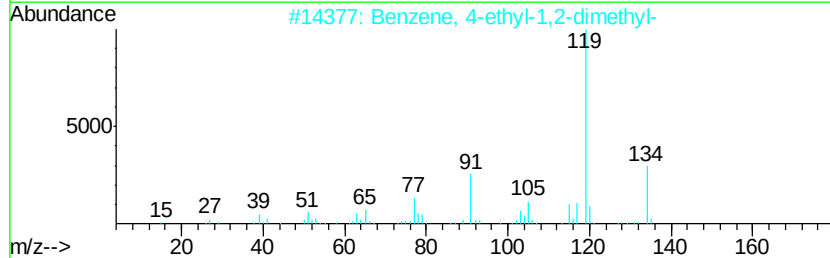
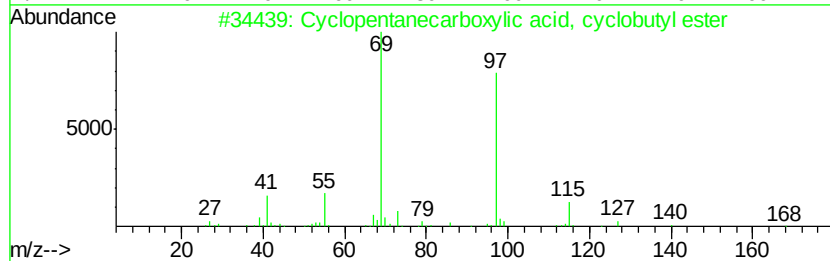
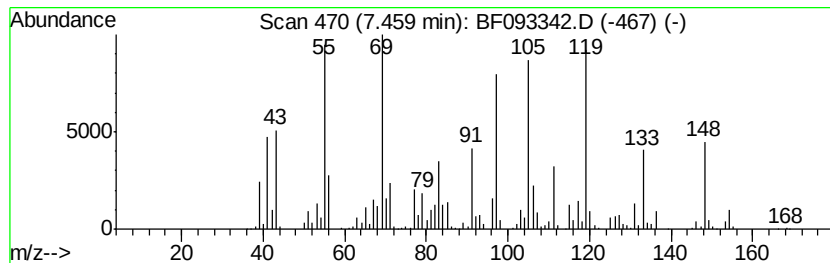
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.46 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	12.37 ng	3933720	Napthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanecarboxylic acid, cyc...	168	C10H16O2	1000282-76-8	27
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	25
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	25
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093342.D
Acq On : 3 Mar 2017 1:07
Operator : SJ/MA
Sample : I2003-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB421A

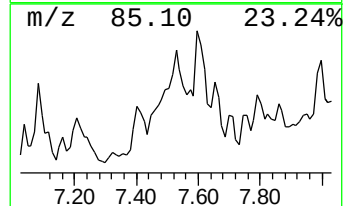
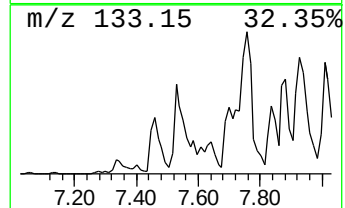
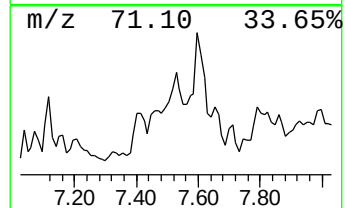
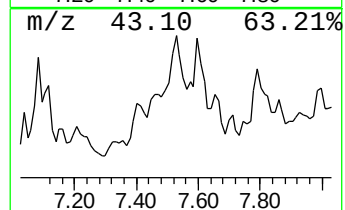
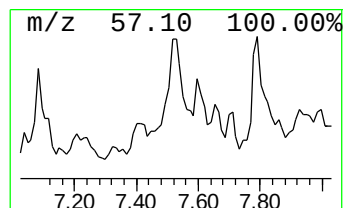
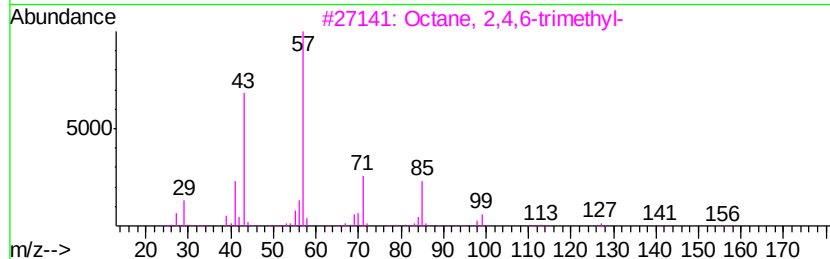
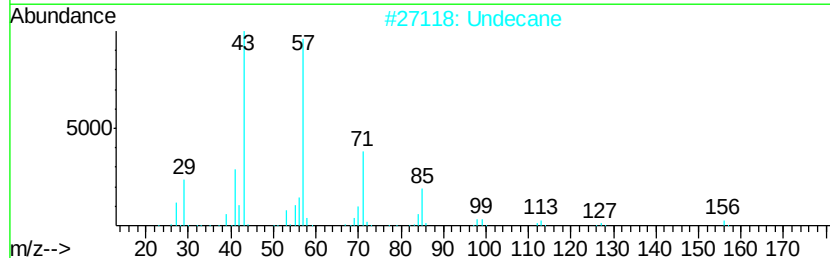
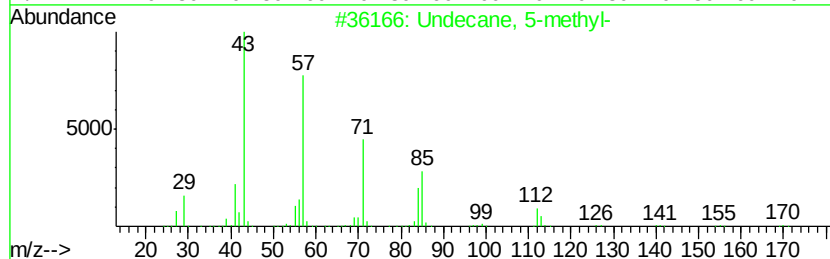
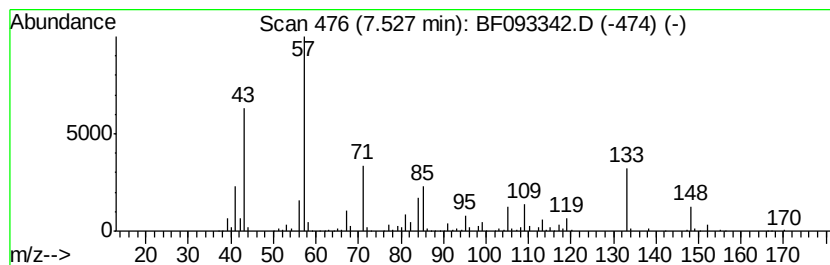
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown7.53 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	7.84 ng	2493510	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	45
2		Undecane	156	C11H24	001120-21-4	38
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
4		Eicosane	282	C20H42	000112-95-8	35
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093342.D
 Acq On : 3 Mar 2017 1:07
 Operator : SJ/MA
 Sample : I2003-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB421A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
2-Pentanone, 4-hy...	4.93	2.7	ng	1636030	1	6.80	11944900	20.0
Cyclohexane, 1-et...	5.78	2.3	ng	1370440	1	6.80	11944900	20.0
Methallylcyclohexane	5.92	2.1	ng	1239730	1	6.80	11944900	20.0
Octane, 3,6-dimet...	6.02	4.4	ng	2621310	1	6.80	11944900	20.0
Heptane, 3-ethyl-...	6.08	2.0	ng	1208880	1	6.80	11944900	20.0
unknown6.21	6.21	3.5	ng	2086320	1	6.80	11944900	20.0
unknown6.30	6.30	8.3	ng	4950770	1	6.80	11944900	20.0
Nonane, 3-methyl-	6.37	2.5	ng	1500440	1	6.80	11944900	20.0
Cyclohexane, 1,4-...	6.53	3.5	ng	2078310	1	6.80	11944900	20.0
unknown6.57	6.57	5.2	ng	3131530	1	6.80	11944900	20.0
Cyclohexane, 1-me...	6.65	3.5	ng	2067470	1	6.80	11944900	20.0
unknown7.08	7.08	10.2	ng	6070040	1	6.80	11944900	20.0
Naphthalene, deca...	7.20	5.2	ng	3132030	1	6.80	11944900	20.0
unknown7.46	7.46	12.4	ng	3933720	2	8.11	6360160	20.0
unknown7.53	7.53	7.8	ng	2493510	2	8.11	6360160	20.0