

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088369.D
 Acq On : 25 Jun 2016 11:27
 Operator : UM/SJ
 Sample : H3629-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(7-9)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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	1.701	9	10	51	rVB	1193396	2840043	85.72%	4.118%
2	3.495	161	167	171	rBV3	21342	52548	1.59%	0.076%
3	3.953	202	207	213	rVB3	56756	149449	4.51%	0.217%
4	4.078	213	218	222	rVB2	26612	51058	1.54%	0.074%
5	4.467	250	252	254	rVB	95012	113457	3.42%	0.165%
6	4.570	259	261	264	rVB	112790	163775	4.94%	0.237%
7	4.627	264	266	268	rBV	135394	165406	4.99%	0.240%
8	4.673	268	270	276	rVB	274287	517806	15.63%	0.751%
9	4.867	284	287	289	rBV2	191359	270049	8.15%	0.392%
10	4.924	289	292	295	rVB4	37512	95763	2.89%	0.139%
11	5.004	295	299	302	rBV2	23227	61308	1.85%	0.089%
12	5.050	302	303	305	rVB	47995	51907	1.57%	0.075%
13	5.084	305	306	310	rBV3	38213	68363	2.06%	0.099%
14	5.153	310	312	317	rBV	1006455	1766676	53.32%	2.562%
15	5.267	320	322	324	rBV	136187	196732	5.94%	0.285%
16	5.313	324	326	328	rVB	143562	151225	4.56%	0.219%
17	5.358	328	330	334	rVB3	140388	235992	7.12%	0.342%
18	5.427	334	336	339	rBV	80057	113444	3.42%	0.164%
19	5.530	340	345	348	rBV2	314537	524798	15.84%	0.761%
20	5.587	348	350	352	rBV3	68534	151858	4.58%	0.220%
21	5.678	355	358	360	rVB2	287833	456616	13.78%	0.662%
22	5.747	360	364	365	rBV3	166444	284098	8.57%	0.412%
23	5.793	365	368	371	rVB3	564390	989518	29.87%	1.435%
24	5.850	371	373	375	rBV	397395	588067	17.75%	0.853%
25	5.987	381	385	390	rBV6	264677	732782	22.12%	1.063%
26	6.067	390	392	393	rVV	480266	637508	19.24%	0.924%
27	6.090	393	394	398	rVB3	186058	316154	9.54%	0.458%
28	6.159	398	400	401	rBV2	166320	272598	8.23%	0.395%
29	6.227	401	406	410	rVB	1178784	2065279	62.33%	2.995%
30	6.296	410	412	413	rBV	375522	575320	17.36%	0.834%
31	6.330	413	415	418	rVV	1293479	1980713	59.78%	2.872%
32	6.410	420	422	426	rBV2	234236	447682	13.51%	0.649%
33	6.524	426	432	433	rBV3	305696	836300	25.24%	1.213%
34	6.593	433	438	439	rVV2	920305	1545943	46.66%	2.242%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088369.D
 Acq On : 25 Jun 2016 11:27
 Operator : UM/SJ
 Sample : H3629-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(7-9)

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

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.627	439	441	445	rVV4	153144	521726	15.75%	0.757%
36	6.719	445	449	453	rVB3	1601632	2930158	88.44%	4.249%
37	6.833	453	459	463	rBV6	425346	1656915	50.01%	2.403%
38	6.890	463	464	465	rVB	211304	144955	4.38%	0.210%
39	6.959	467	470	471	rVV	715587	910659	27.49%	1.320%
40	6.993	471	473	474	rVB	275499	341223	10.30%	0.495%
41	7.119	479	484	485	rBV2	848764	1975550	59.63%	2.865%
42	7.141	485	486	490	rVB2	875501	1114300	33.63%	1.616%
43	7.221	490	493	495	rVB3	595656	1102177	33.27%	1.598%
44	7.301	495	500	501	rBV3	588395	1443224	43.56%	2.093%
45	7.347	501	504	505	rBV3	385140	726396	21.92%	1.053%
46	7.382	505	507	510	rVB	1027860	1431937	43.22%	2.076%
47	7.439	510	512	513	rBV2	441850	538713	16.26%	0.781%
48	7.496	513	517	520	rBV4	1180293	2631895	79.44%	3.816%
49	7.599	524	526	529	rVV2	456976	800743	24.17%	1.161%
50	7.690	532	534	536	rBV3	328446	687066	20.74%	0.996%
51	7.862	544	549	551	rBV3	1192311	3190587	96.30%	4.626%
52	7.953	555	557	563	rVB2	1134536	3085678	93.13%	4.474%
53	8.330	586	590	593	rBV3	1210885	3313207	100.00%	4.804%
54	9.233	666	669	671	rBV	642679	1453014	43.86%	2.107%
55	9.496	690	692	695	rBV4	592835	1493539	45.08%	2.166%
56	9.839	720	722	724	rBV	646885	1113775	33.62%	1.615%
57	9.965	730	733	734	rBV2	921851	1703029	51.40%	2.469%
58	10.045	738	740	743	rVB3	712528	1632188	49.26%	2.367%
59	10.170	749	751	755	rBV4	542079	1480314	44.68%	2.147%
60	10.296	760	762	764	rVB	1081660	1469417	44.35%	2.131%
61	10.570	782	786	787	rVB2	1470323	3014217	90.98%	4.371%
62	11.016	822	825	828	rVB2	1393759	2229612	67.29%	3.233%
63	12.159	923	925	931	rVB	646927	1338796	40.41%	1.941%
64	12.525	955	957	960	rVV2	200463	461911	13.94%	0.670%
65	12.582	960	962	965	rVV	299442	380659	11.49%	0.552%
66	12.662	967	969	974	rVB	1365908	1937628	58.48%	2.810%
67	13.702	1057	1060	1066	rVB2	386798	637843	19.25%	0.925%
68	14.697	1145	1147	1151	rVB	28809	52998	1.60%	0.077%
69	15.051	1176	1178	1183	rVB	282097	417397	12.60%	0.605%
70	15.599	1223	1226	1231	rVB3	14352	41670	1.26%	0.060%
71	16.845	1329	1335	1339	rBV8	19817	88552	2.67%	0.128%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

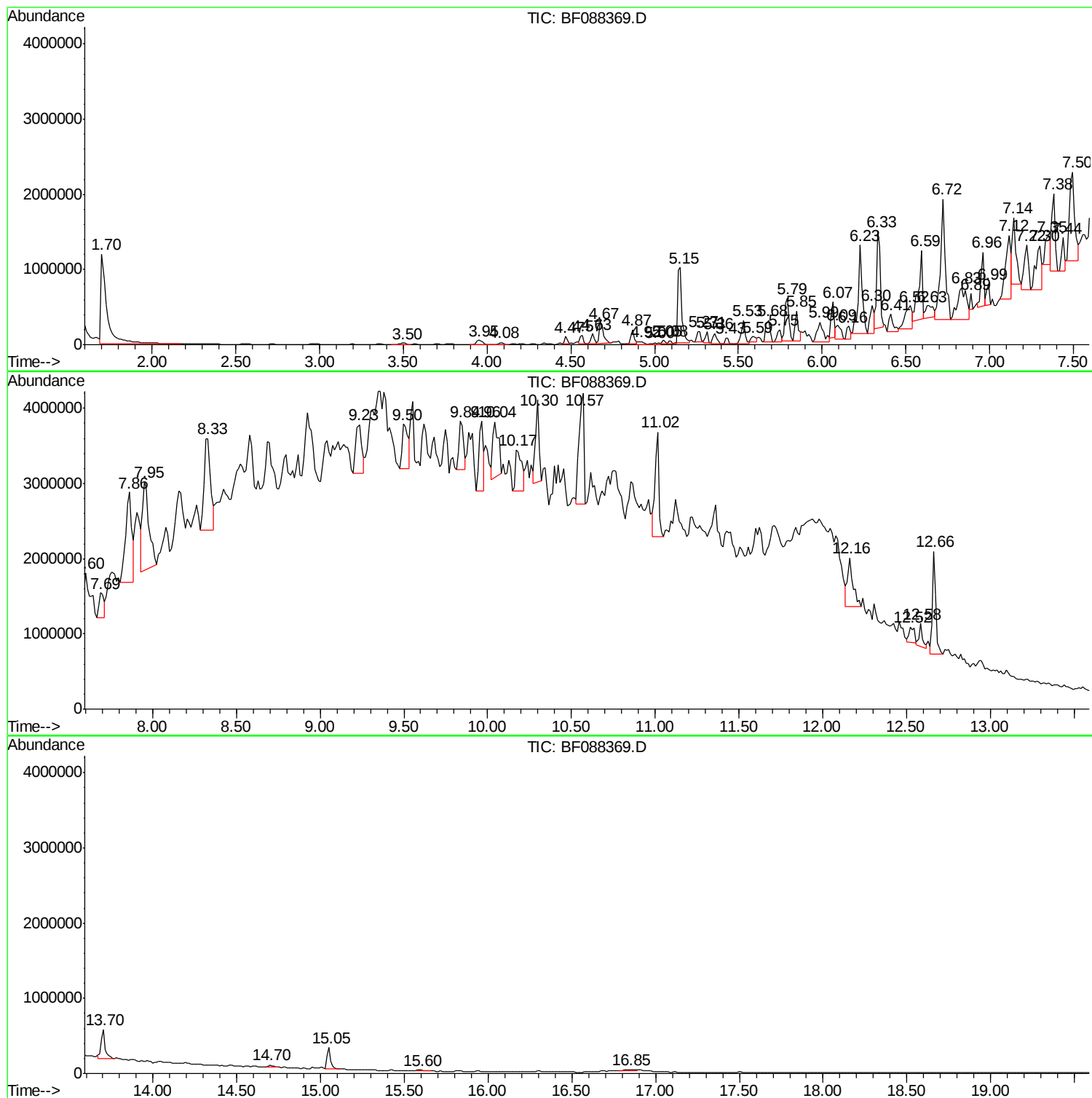
Sum of corrected areas: 68963903

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

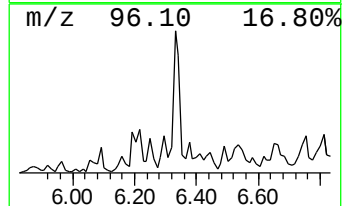
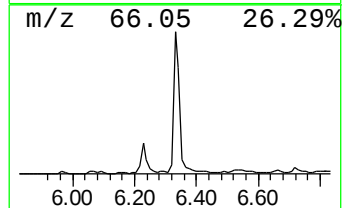
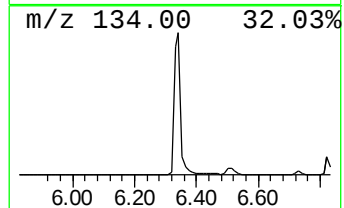
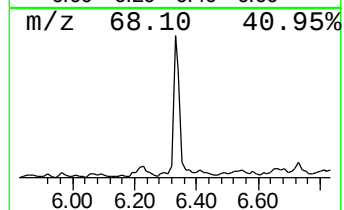
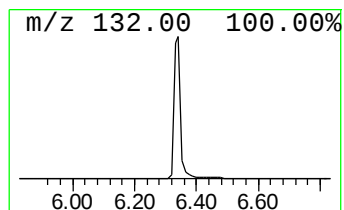
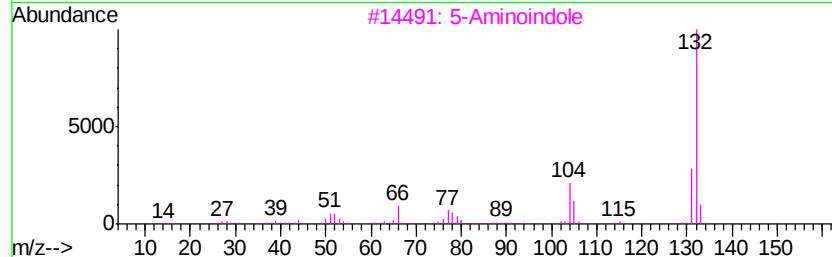
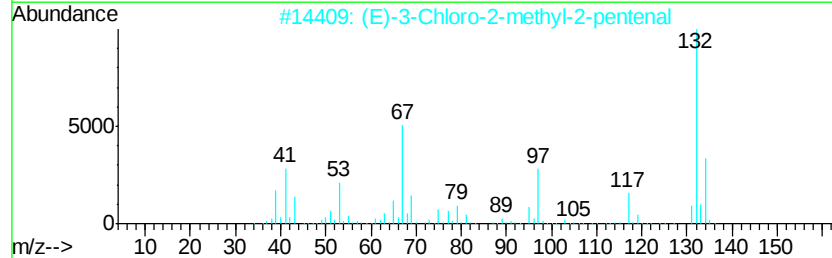
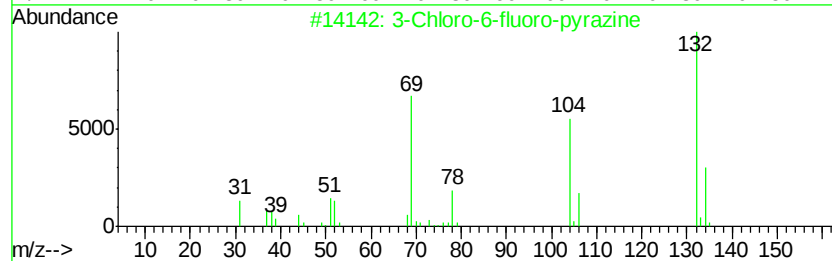
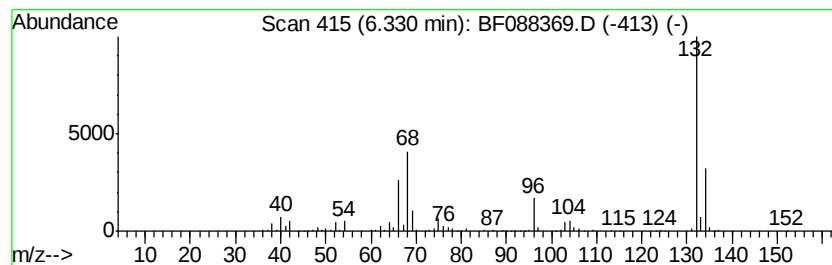
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.33 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	25.62 ng	1980710	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

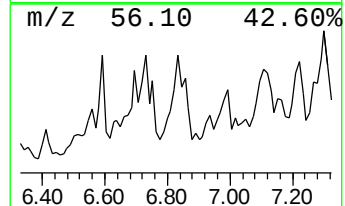
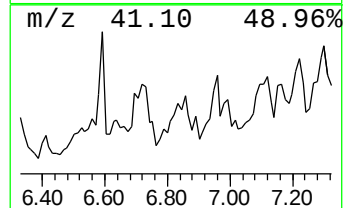
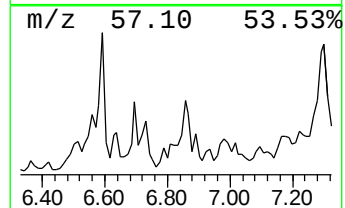
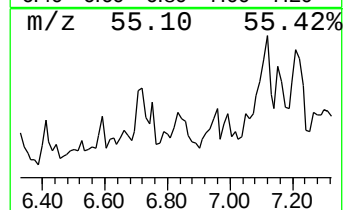
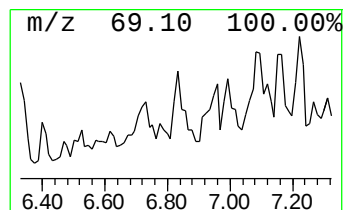
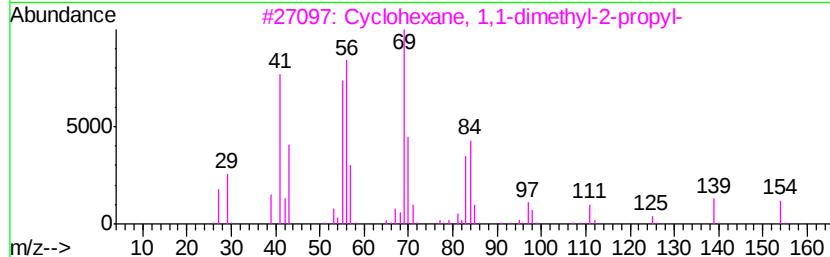
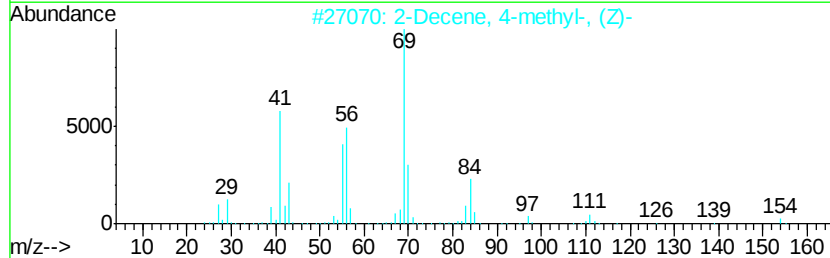
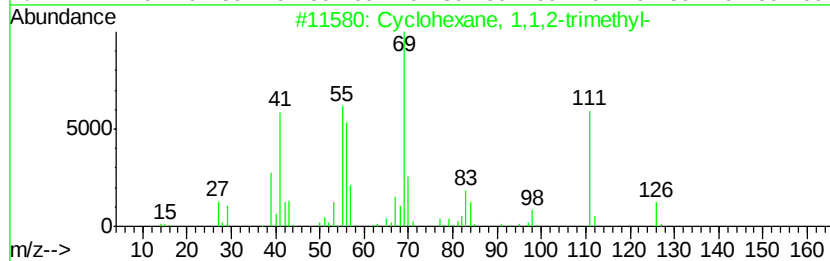
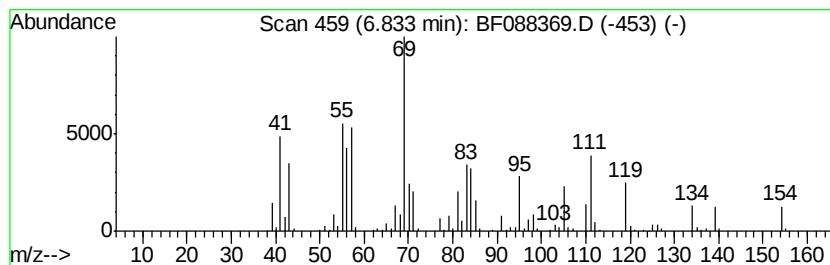
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	21.44 ng	1656920	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
2		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	43
3		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	38
4		2-Undecene, 4-methyl-	168	C12H24	091695-32-8	38
5		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

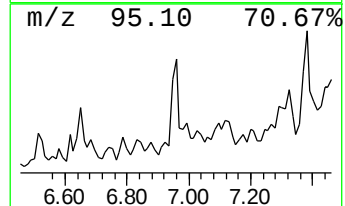
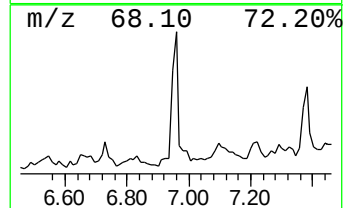
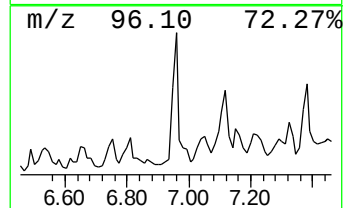
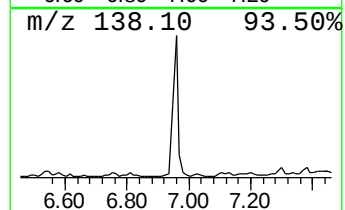
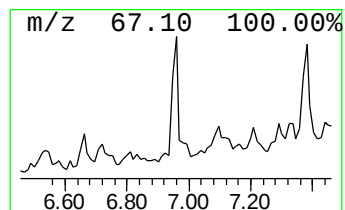
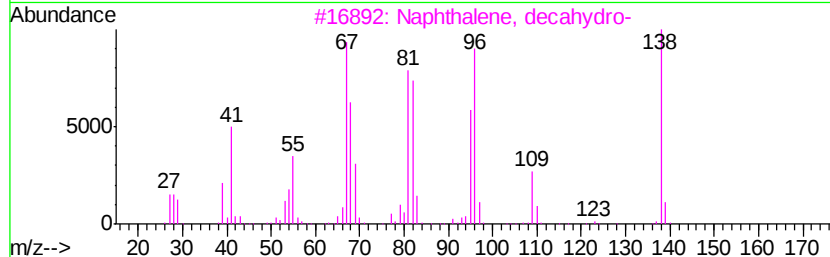
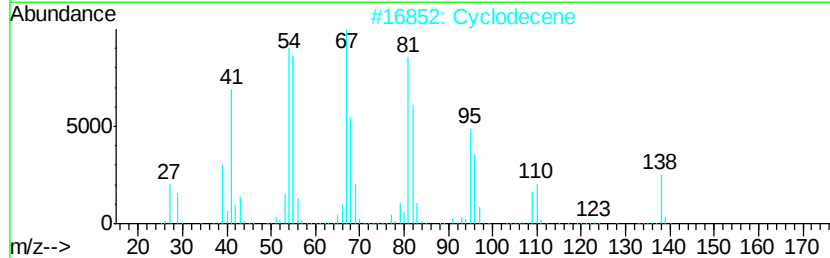
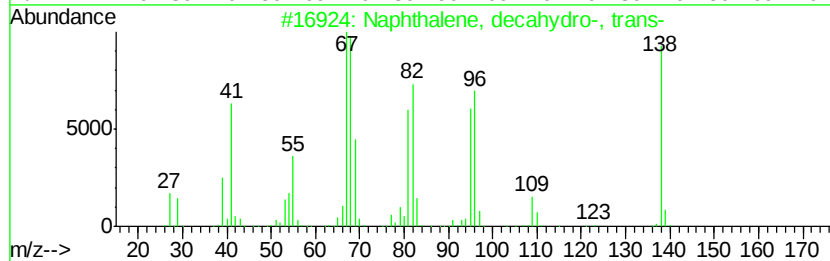
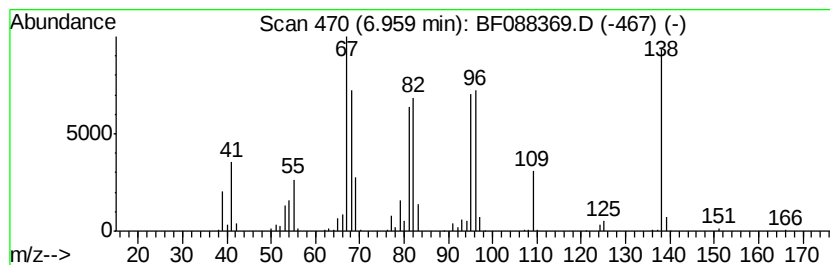
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	11.78 ng	910659	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2		Cyclodecene	138	C10H18	003618-12-0	91
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	90
4		Spiro[4.5]decane	138	C10H18	000176-63-6	90
5		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

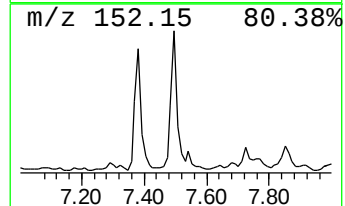
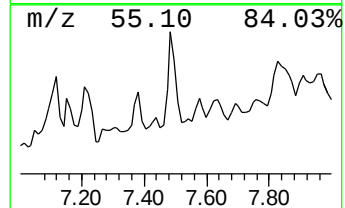
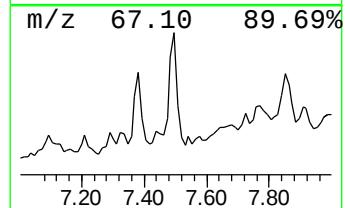
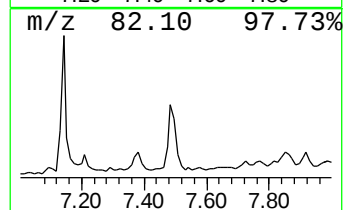
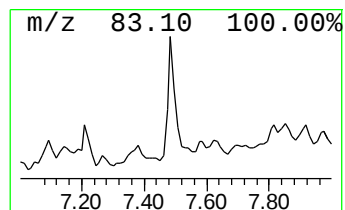
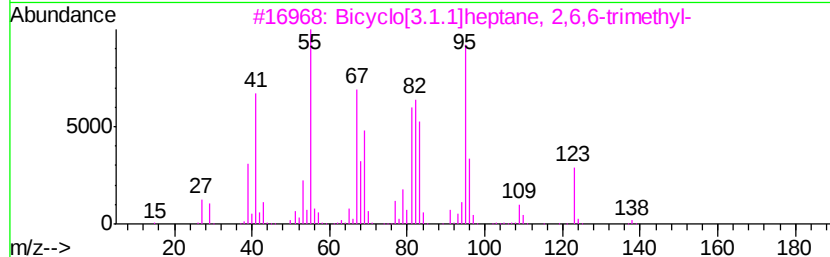
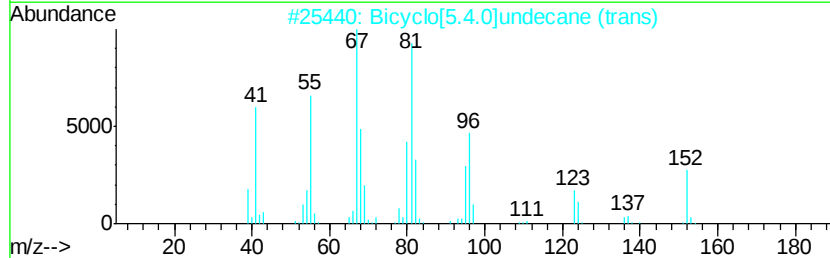
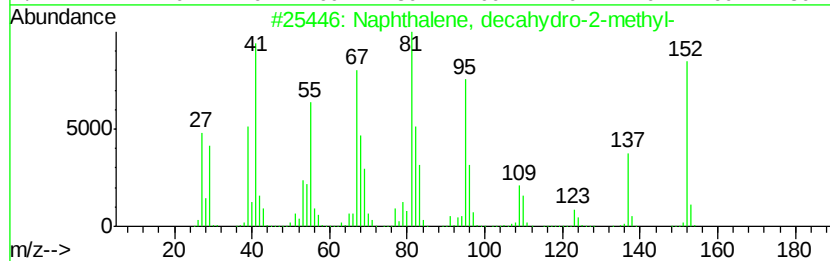
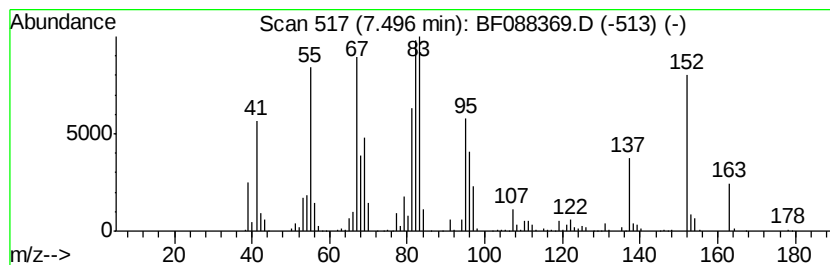
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown7.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	16.50 ng	2631900	Naphthalene-d8	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
2		Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	49
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	46
4		7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	38
5		(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-74-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

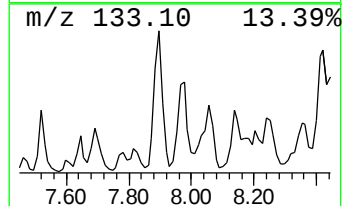
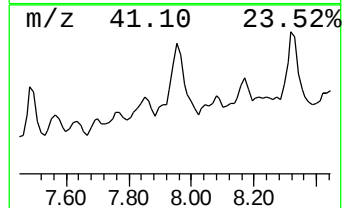
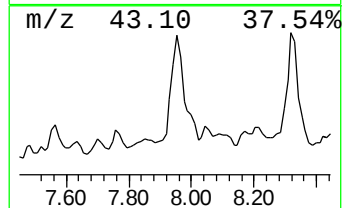
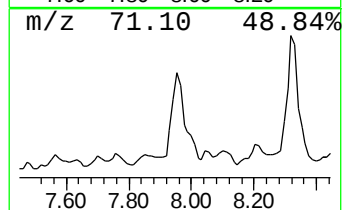
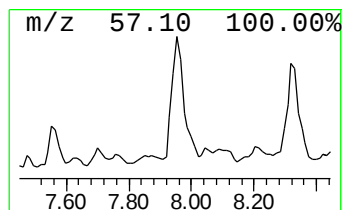
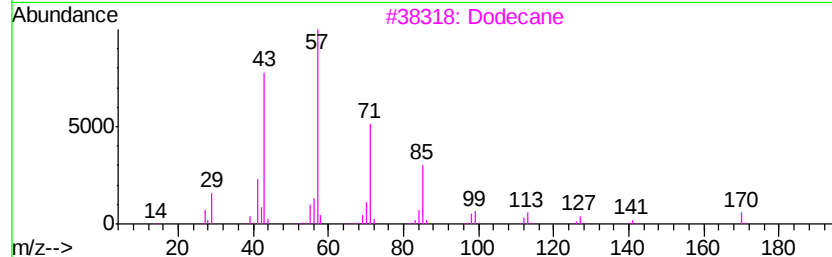
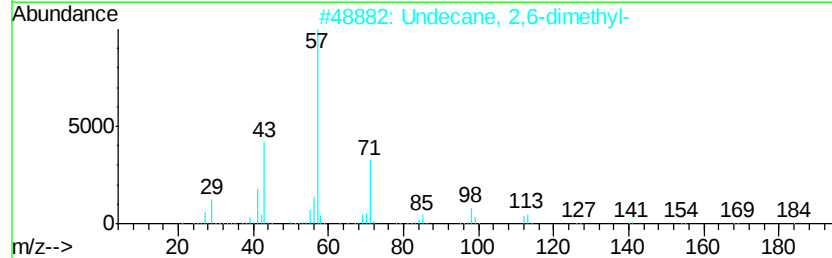
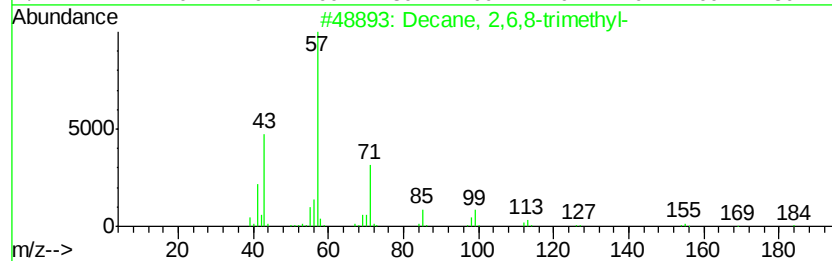
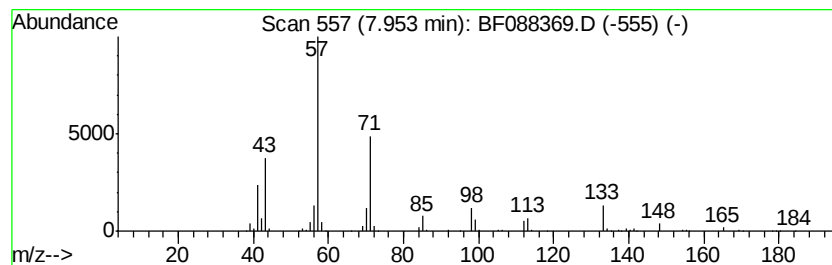
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 2,6,8-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	19.34 ng	3085680	Napthalene-d8	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3		Dodecane	170	C12H26	000112-40-3	59
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

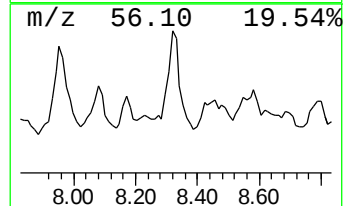
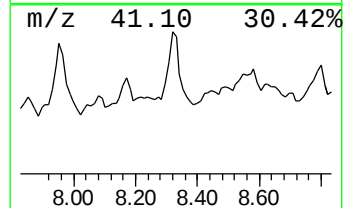
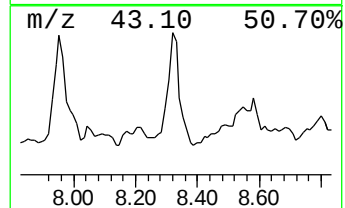
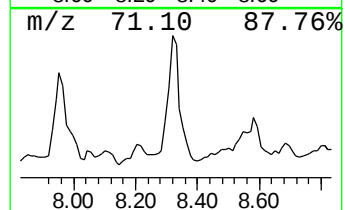
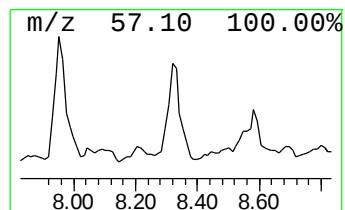
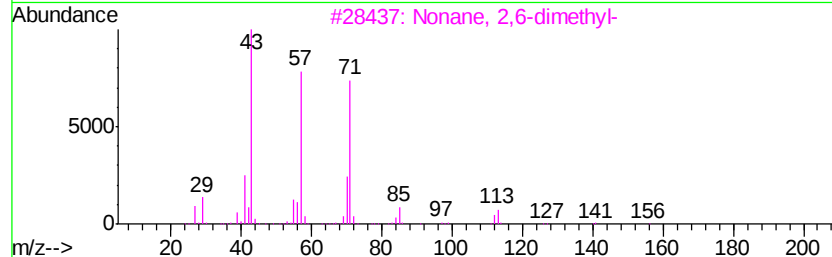
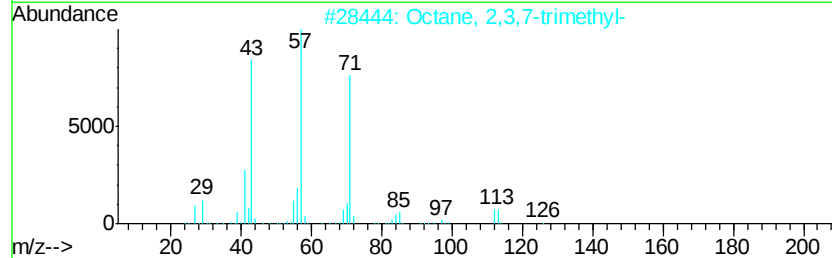
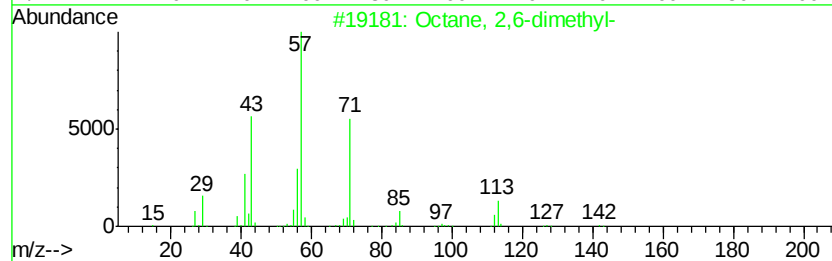
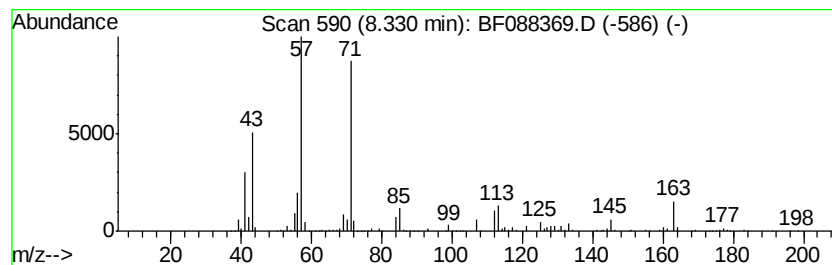
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	20.77 ng	3313210	Napthalene-d8	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4		Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	64
5		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

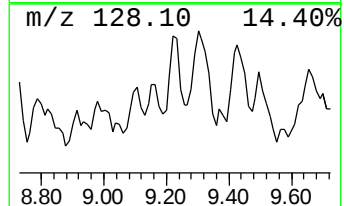
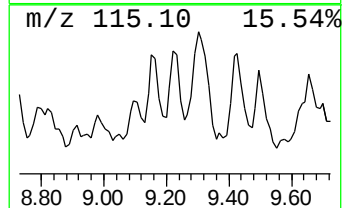
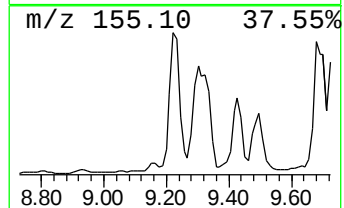
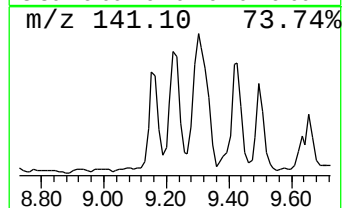
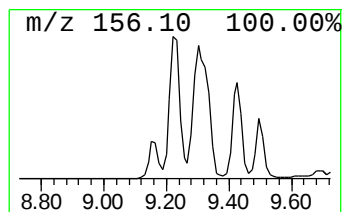
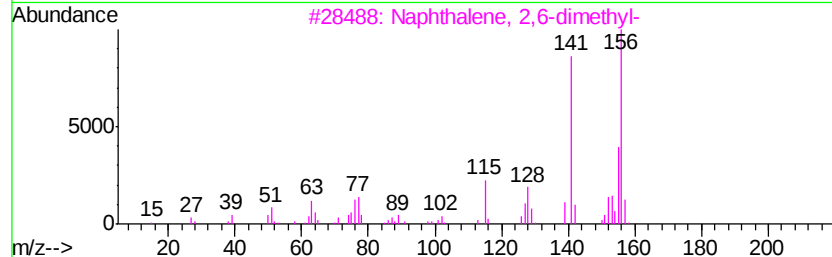
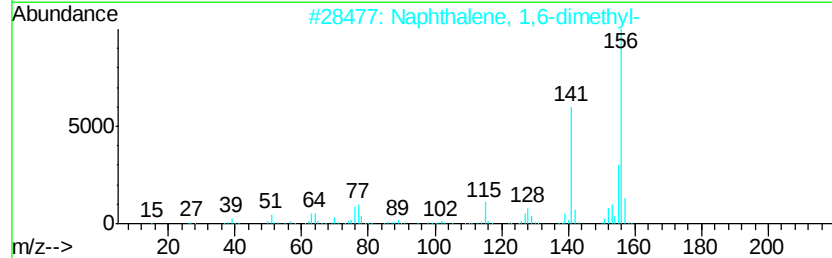
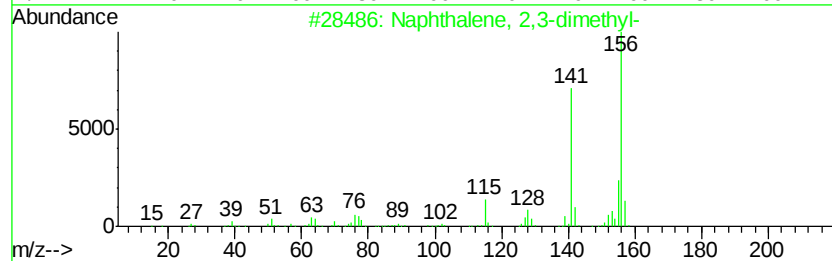
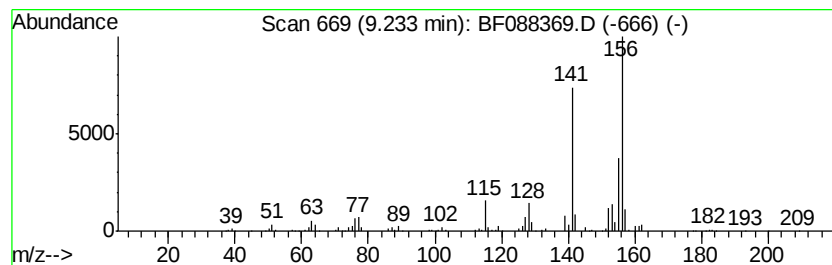
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	19.46 ng	1453010	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

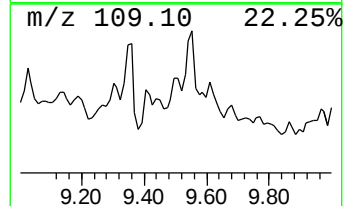
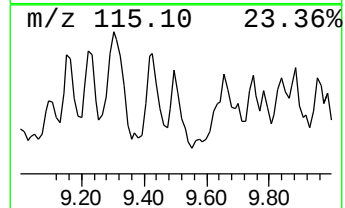
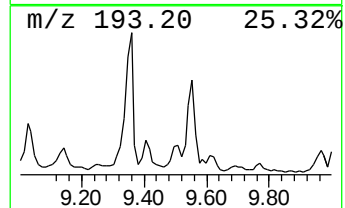
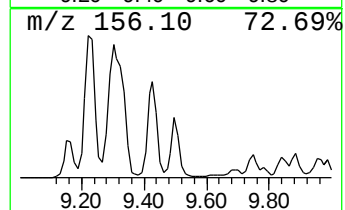
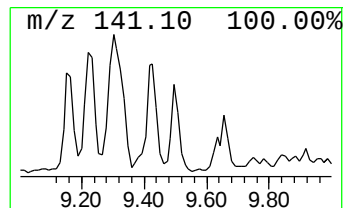
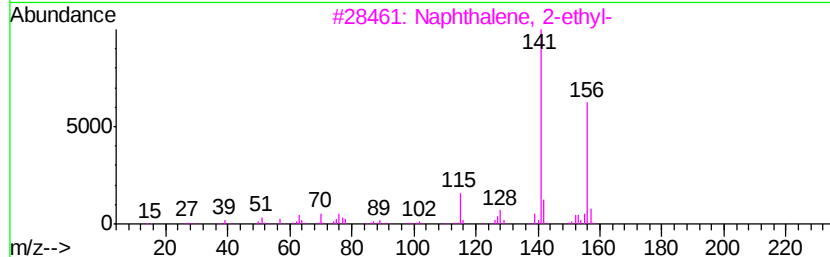
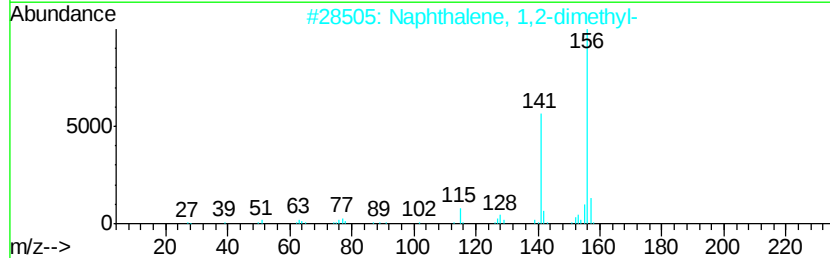
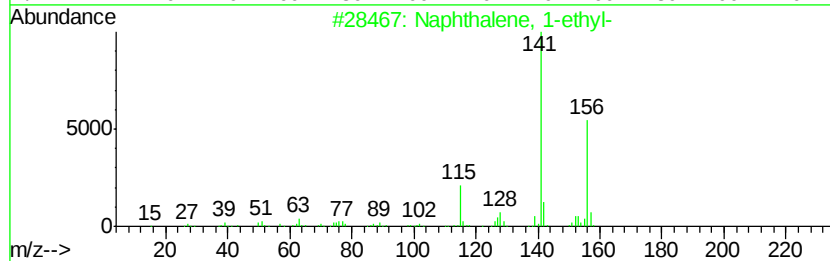
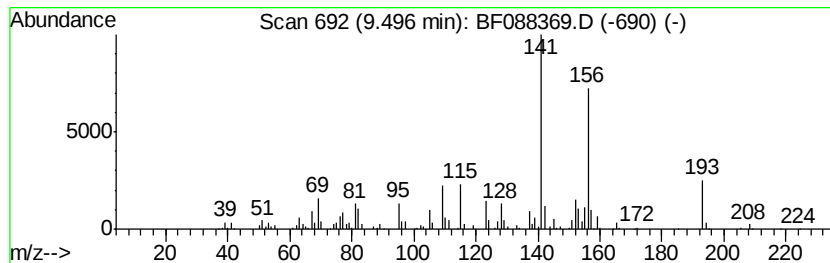
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	20.00 ng	1493540	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	89
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	70
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

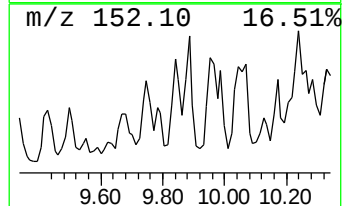
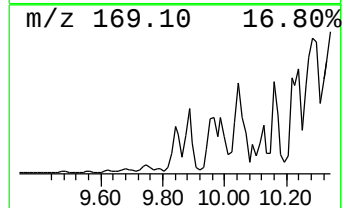
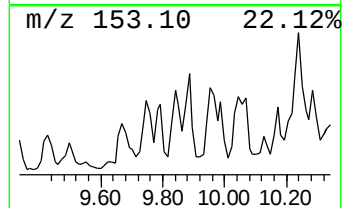
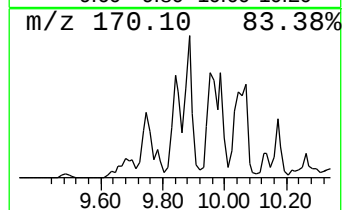
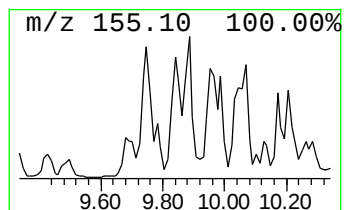
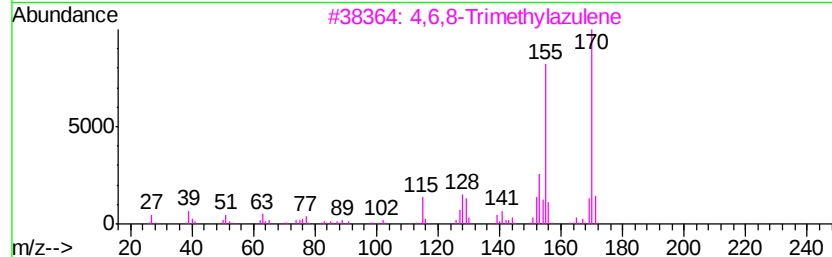
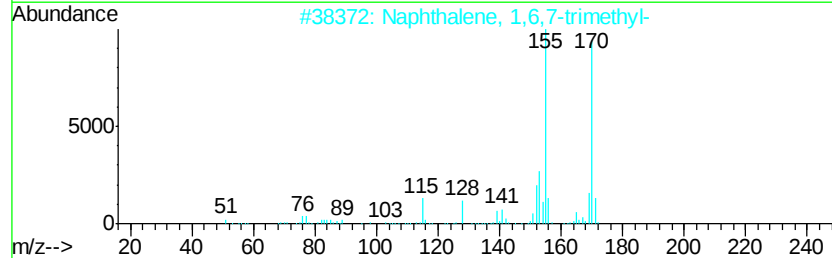
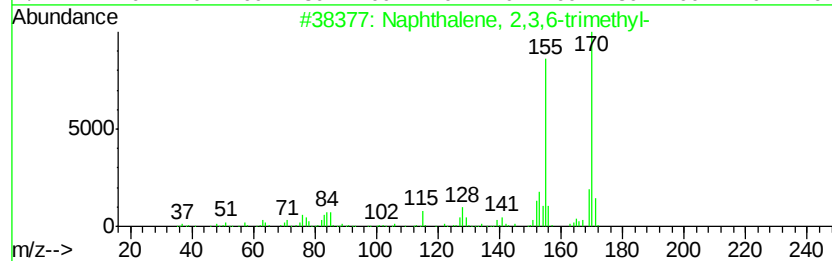
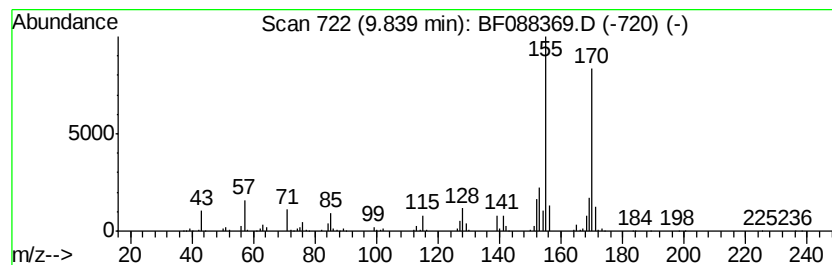
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	14.91 ng	1113780	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

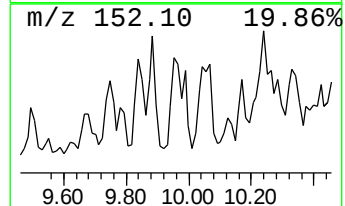
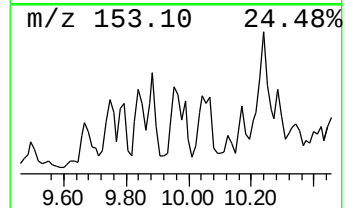
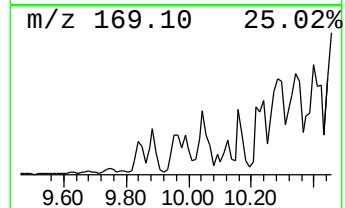
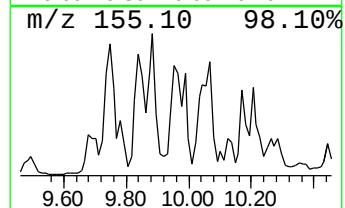
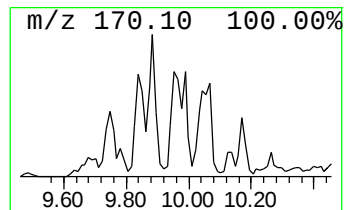
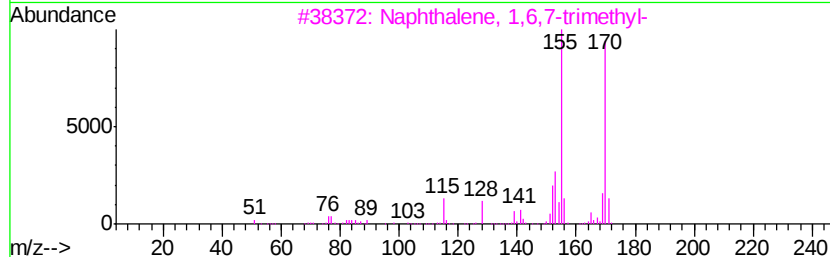
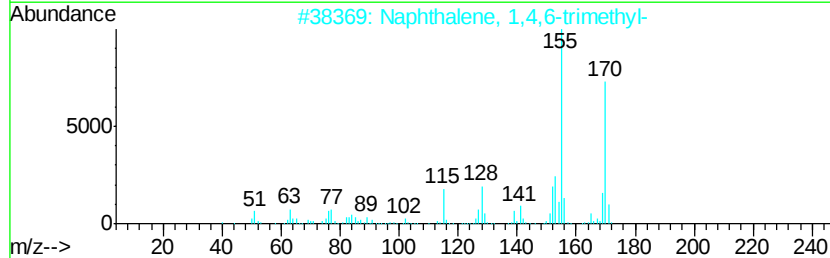
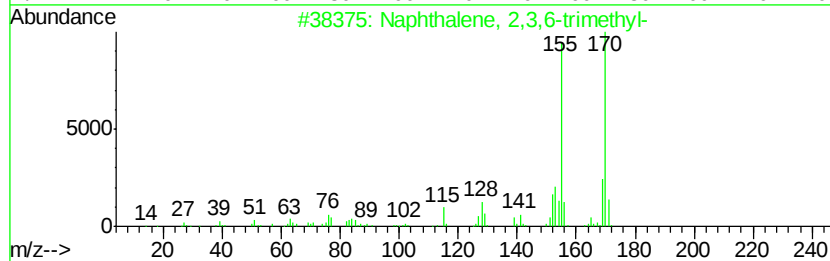
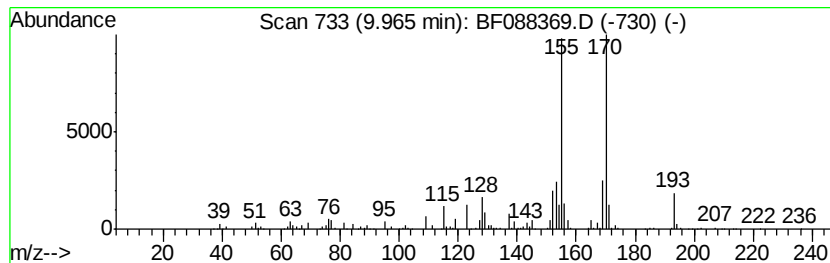
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	22.81 ng	1703030	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

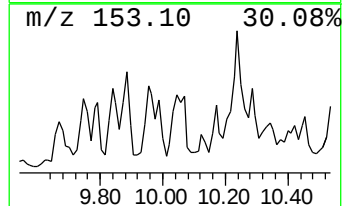
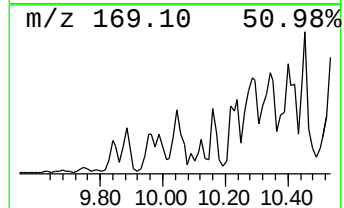
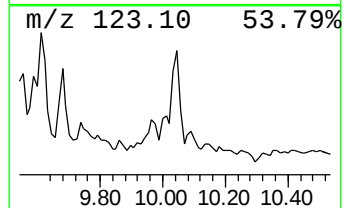
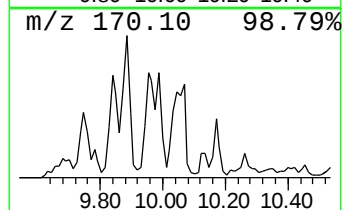
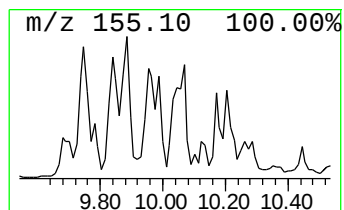
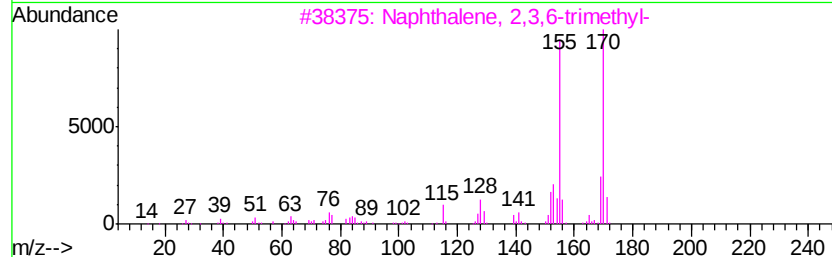
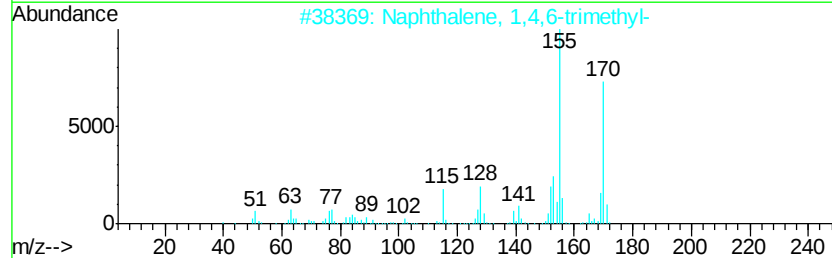
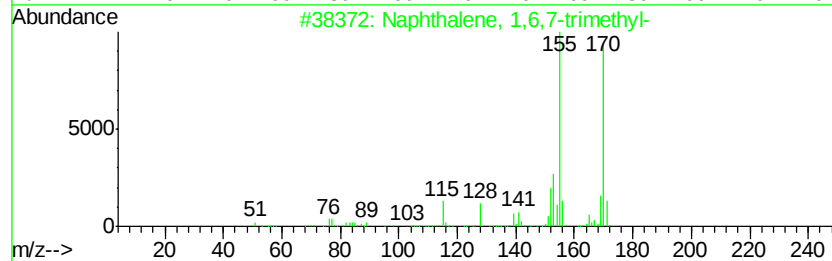
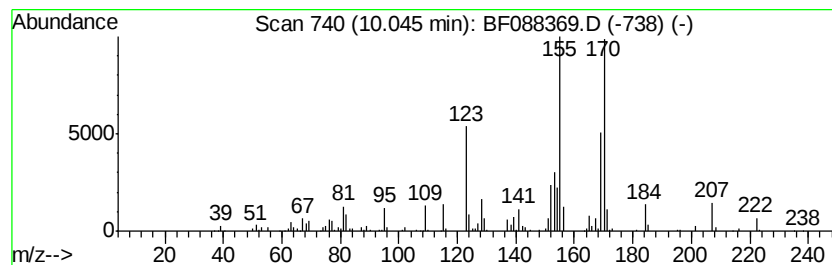
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	21.86 ng	1632190	Acenaphthene-d10	9.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

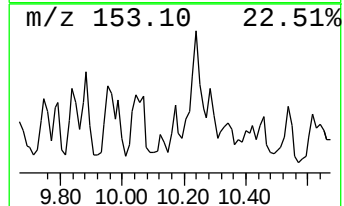
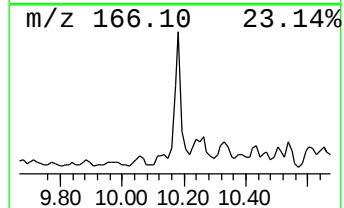
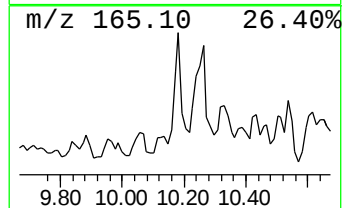
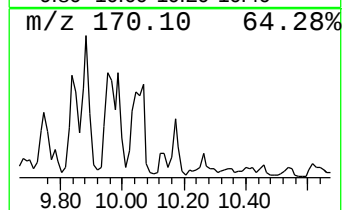
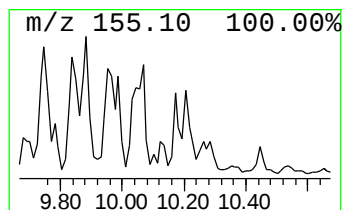
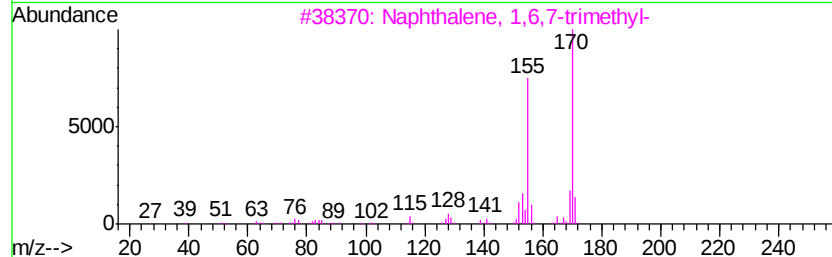
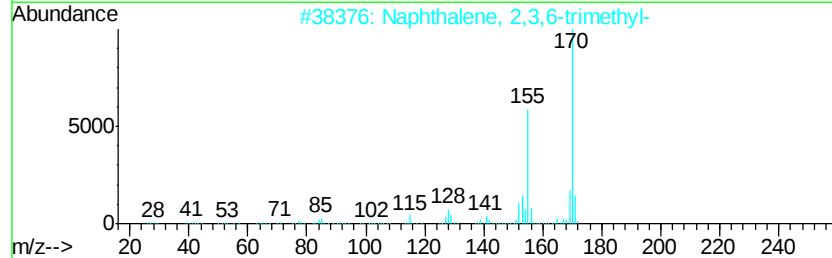
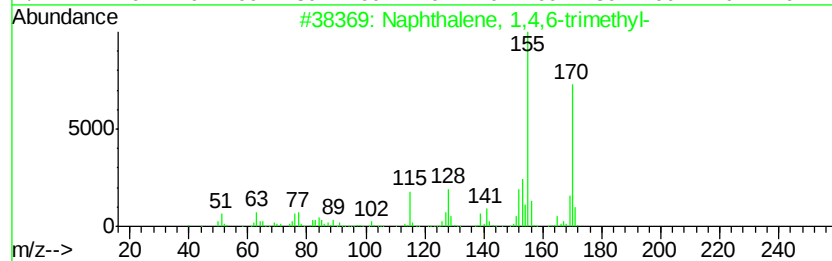
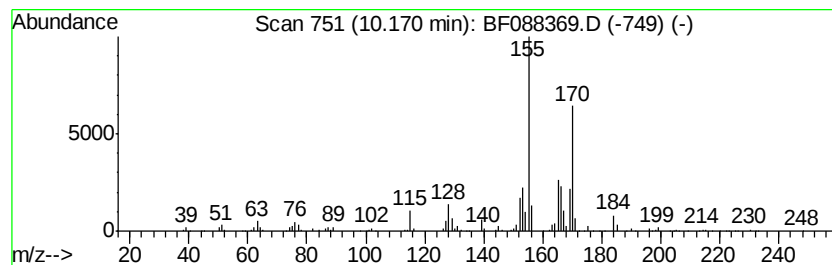
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4,6,8-Trimethylazulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	19.82 ng	1480310	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	58
5		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

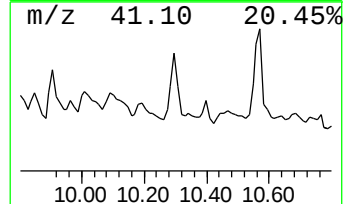
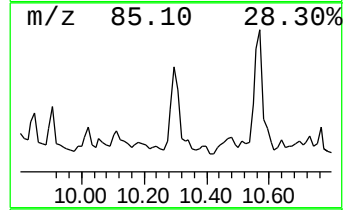
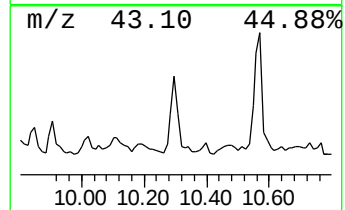
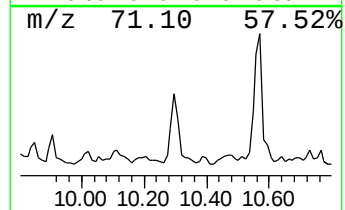
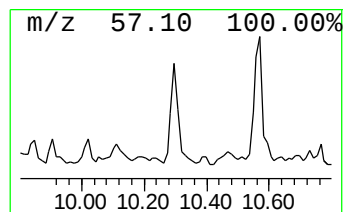
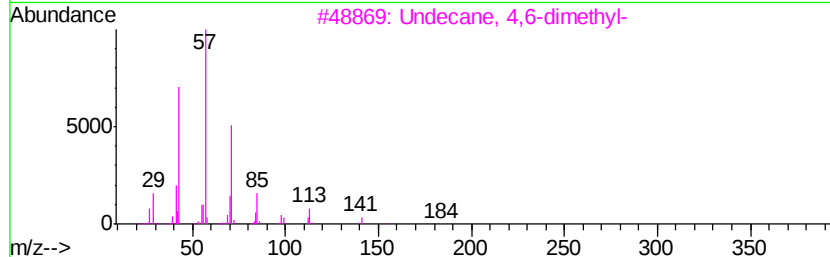
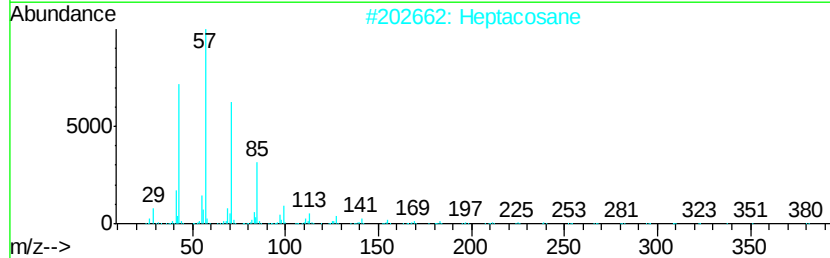
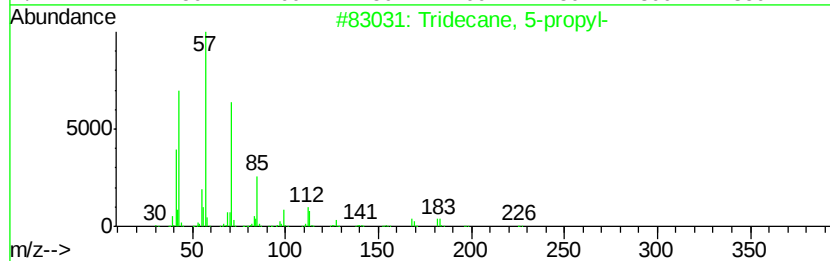
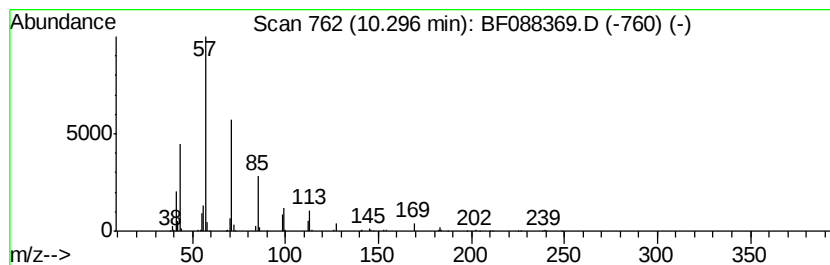
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	19.68 ng	1469420	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Heptacosane	380	C27H56	000593-49-7	64
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

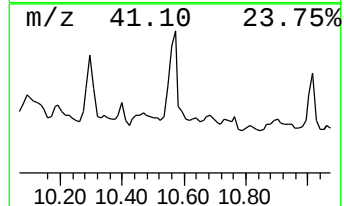
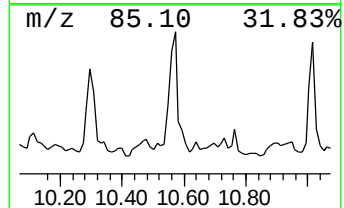
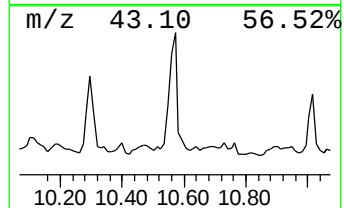
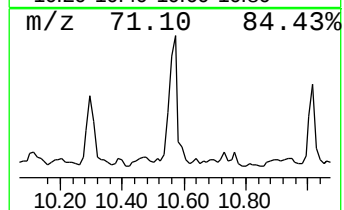
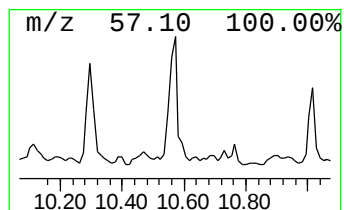
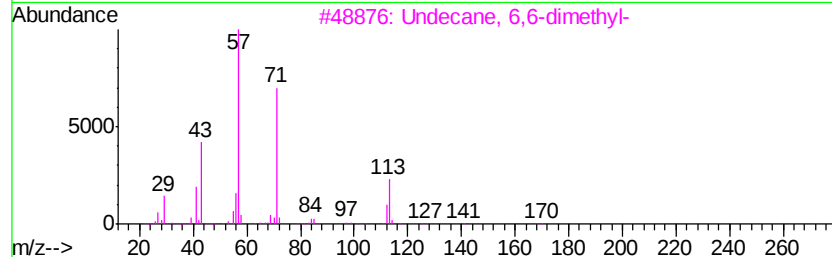
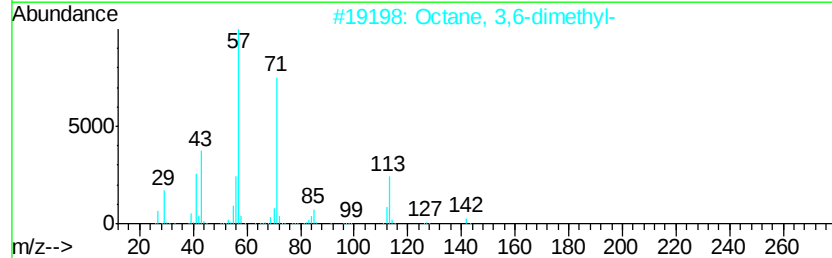
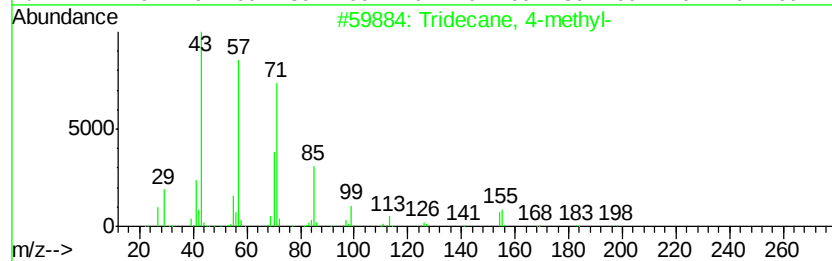
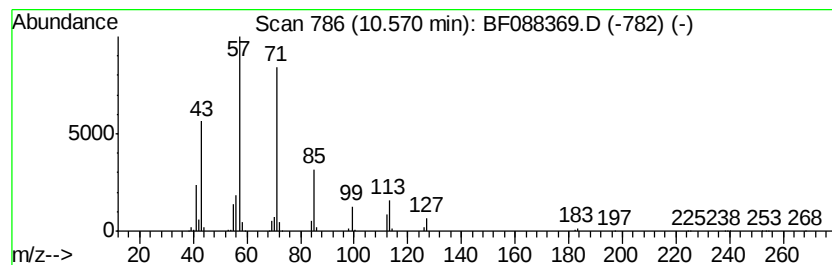
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	27.04 ng	3014220	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

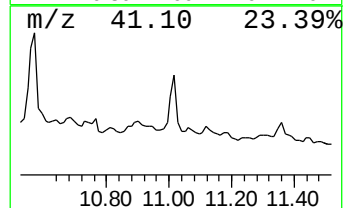
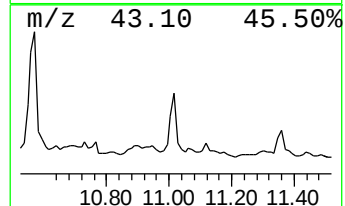
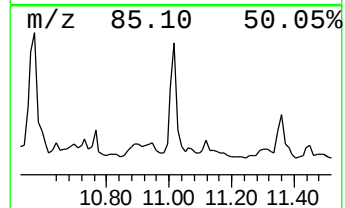
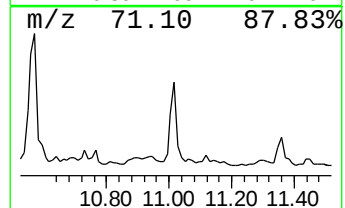
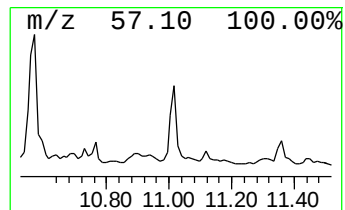
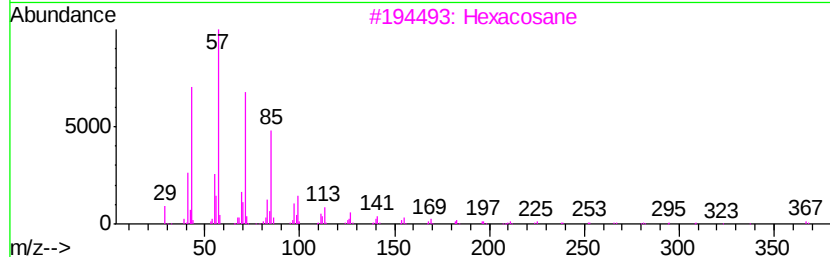
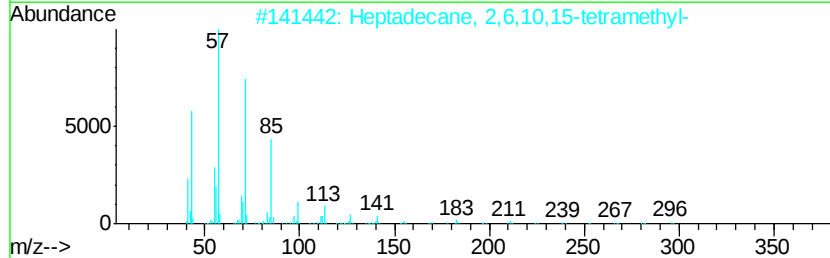
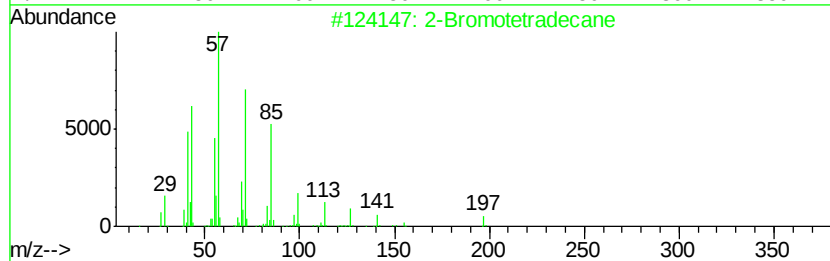
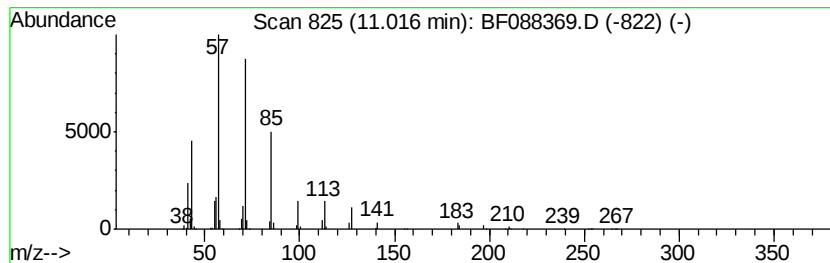
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2-Bromotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	20.00 ng	2229610	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Hexacosane	366	C26H54	000630-01-3	83
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

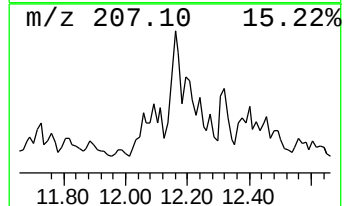
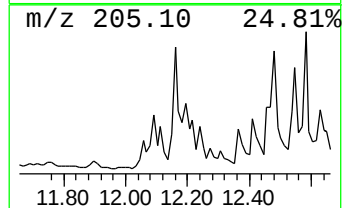
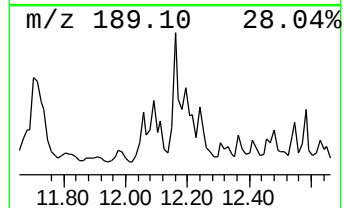
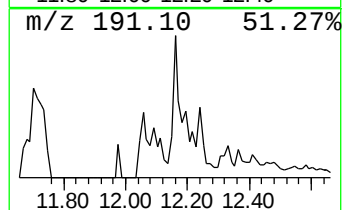
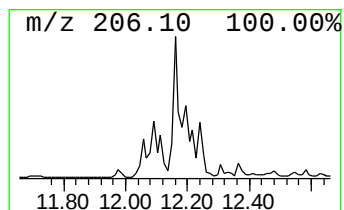
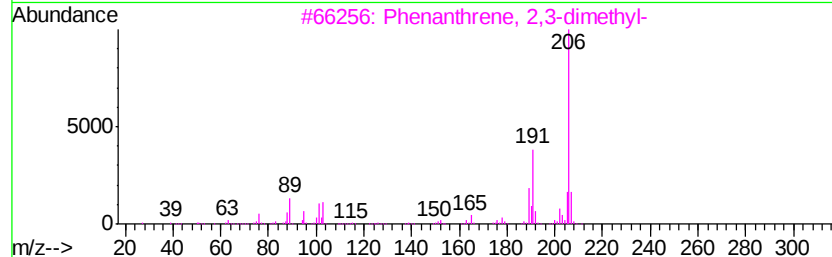
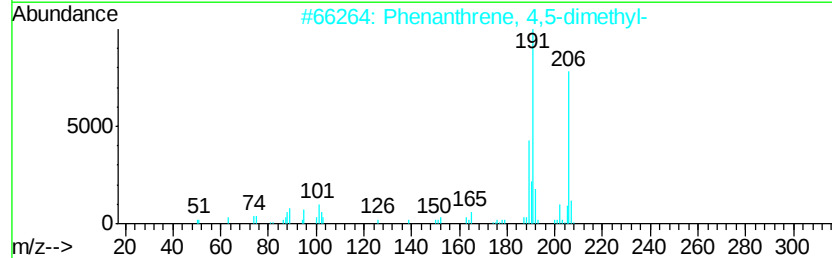
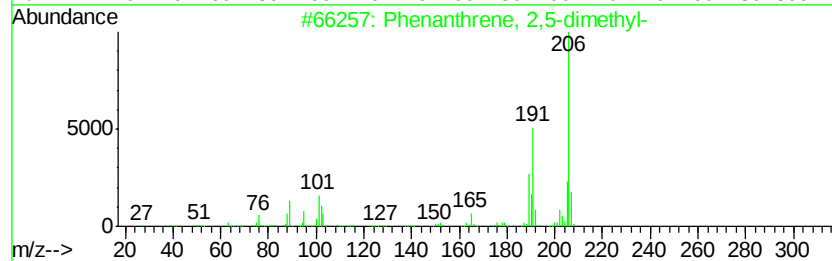
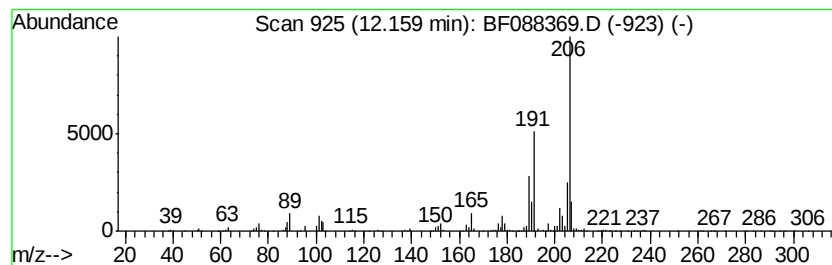
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	12.01 ng	1338800	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088369.D
Acq On : 25 Jun 2016 11:27
Operator : UM/SJ
Sample : H3629-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(7-9)

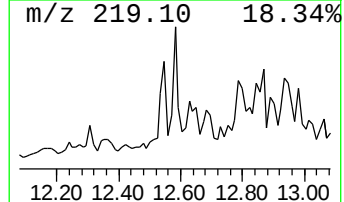
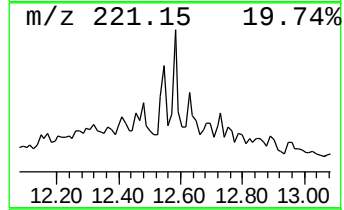
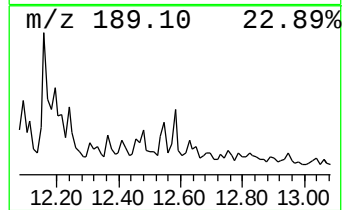
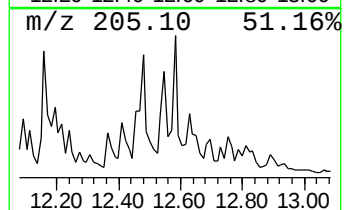
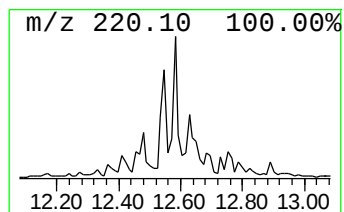
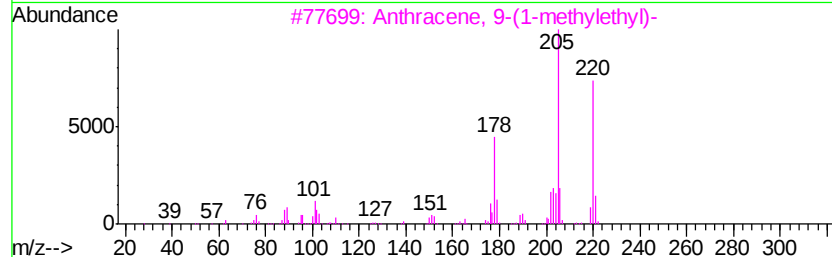
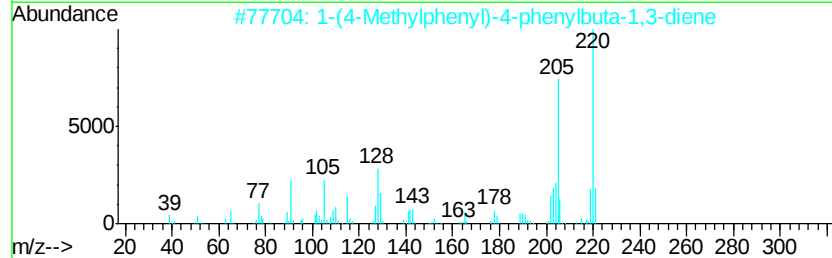
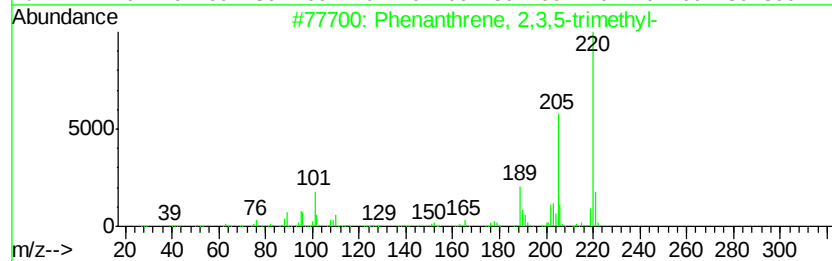
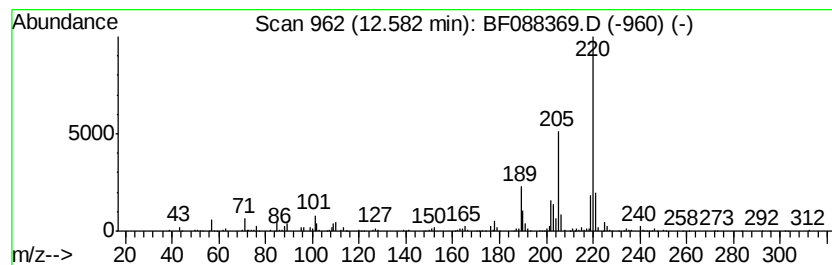
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	11.94 ng	380659	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3		Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	72
4		Benzo[b]dihdropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
5		5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088369.D
 Acq On : 25 Jun 2016 11:27
 Operator : UM/SJ
 Sample : H3629-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
unknown6.33	6.33	25.6	ng	1980710	1	6.57	1545940	20.0
Cyclohexane, 1,1,...	6.83	21.4	ng	1656920	1	6.57	1545940	20.0
Naphthalene, deca...	6.96	11.8	ng	910659	1	6.57	1545940	20.0
unknown7.50	7.50	16.5	ng	2631900	2	7.86	3190590	20.0
Decane, 2,6,8-tri...	7.95	19.3	ng	3085680	2	7.86	3190590	20.0
Octane, 2,6-dimet...	8.33	20.8	ng	3313210	2	7.86	3190590	20.0
Naphthalene, 2,3-...	9.23	19.5	ng	1453010	3	9.63	1493540	20.0
Naphthalene, 1-et...	9.50	20.0	ng	1493540	3	9.63	1493540	20.0
Naphthalene, 2,3,...	9.84	14.9	ng	1113780	3	9.63	1493540	20.0
Naphthalene, 1,4,...	9.96	22.8	ng	1703030	3	9.63	1493540	20.0
Naphthalene, 1,6,...	10.04	21.9	ng	1632190	3	9.63	1493540	20.0
4,6,8-Trimethylaz...	10.17	19.8	ng	1480310	3	9.63	1493540	20.0
Tridecane, 5-propyl-	10.30	19.7	ng	1469420	3	9.63	1493540	20.0
Tridecane, 4-methyl-	10.57	27.0	ng	3014220	4	11.10	2229610	20.0
2-Bromotetradecane	11.02	20.0	ng	2229610	4	11.10	2229610	20.0
Phenanthrene, 2,5...	12.16	12.0	ng	1338800	4	11.10	2229610	20.0
Phenanthrene, 2,3...	12.58	11.9	ng	380659	5	13.70	637843	20.0