

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088686.D
 Acq On : 4 Jul 2016 10:40
 Operator : UM/SJ
 Sample : H3769-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(13-15)

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-BF063016.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	4.879	282	288	291	rBV3	64795	125576	2.23%	0.172%
2	4.947	291	294	296	rBV	239165	290709	5.15%	0.397%
3	5.164	310	313	315	rBV	152528	178173	3.16%	0.243%
4	5.336	323	328	329	rBV	43933	84711	1.50%	0.116%
5	5.382	329	332	334	rVB	2256770	2326182	41.23%	3.177%
6	5.450	335	338	341	rBV3	111478	145585	2.58%	0.199%
7	5.530	344	345	348	rBV	241070	346309	6.14%	0.473%
8	5.576	348	349	351	rVB	108722	145698	2.58%	0.199%
9	5.644	351	355	357	rVB3	131798	281647	4.99%	0.385%
10	5.702	357	360	362	rBV	163080	190898	3.38%	0.261%
11	5.782	365	367	370	rVB2	524010	865808	15.35%	1.183%
12	5.850	370	373	375	rBV2	246271	431638	7.65%	0.590%
13	5.884	375	376	378	rVB2	98613	119133	2.11%	0.163%
14	5.930	378	380	383	rVB	544929	739436	13.11%	1.010%
15	5.987	383	385	388	rBV3	330899	849596	15.06%	1.160%
16	6.033	388	389	393	rVB2	918867	1527258	27.07%	2.086%
17	6.090	393	394	396	rBV	533535	672310	11.92%	0.918%
18	6.125	396	397	400	rVB2	245000	291933	5.17%	0.399%
19	6.227	403	406	408	rBV3	740659	1218745	21.60%	1.665%
20	6.262	408	409	410	rBV	306947	262695	4.66%	0.359%
21	6.296	410	412	413	rBV2	317207	350076	6.21%	0.478%
22	6.319	413	414	419	rVB	1549698	2091846	37.08%	2.857%
23	6.422	419	423	425	rBV	2114516	3543187	62.80%	4.840%
24	6.467	425	427	428	rVB	644147	829374	14.70%	1.133%
25	6.490	428	429	431	rBV	659347	801483	14.21%	1.095%
26	6.559	431	435	440	rBV3	2577079	4344938	77.01%	5.935%
27	6.650	440	443	445	rBV3	543861	692678	12.28%	0.946%
28	6.696	445	447	448	rBV2	260155	439024	7.78%	0.600%
29	6.765	448	453	454	rBV4	723798	1951166	34.58%	2.665%
30	6.787	454	455	456	rBV	556920	586706	10.40%	0.801%
31	6.822	456	458	460	rVB2	2072940	2330893	41.31%	3.184%
32	6.867	460	462	463	rBV	1007829	1465124	25.97%	2.001%
33	6.890	463	464	466	rBV	337075	586648	10.40%	0.801%
34	6.947	466	469	471	rBV3	2304492	3771910	66.86%	5.152%

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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 >
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35	7.050	474	478	479	rBV3	1011580	2386644	42.30%	3.260%
36	7.073	479	480	483	rVB2	1418628	1753769	31.09%	2.395%
37	7.119	483	484	485	rBV	739486	531827	9.43%	0.726%
38	7.153	485	487	489	rBV2	491590	813191	14.41%	1.111%
39	7.199	489	491	492	rBV	1316843	1764313	31.27%	2.410%
40	7.222	492	493	497	rVB3	789069	1368889	24.26%	1.870%
41	7.347	500	504	507	rBV5	1853119	5641794	100.00%	7.706%
42	7.450	511	513	515	rBV2	1761128	2853195	50.57%	3.897%
43	7.530	515	520	521	rBV4	948778	2315975	41.05%	3.163%
44	7.576	522	524	525	rVV2	744719	1345389	23.85%	1.838%
45	7.610	525	527	530	rVB3	1383192	2247986	39.85%	3.070%
46	7.736	536	538	540	rVB2	1342539	2193517	38.88%	2.996%
47	7.919	552	554	556	rBV3	659578	1100439	19.51%	1.503%
48	8.559	607	610	615	rBV2	1323459	3758900	66.63%	5.134%
49	12.411	945	947	948	rBV	1023706	1461663	25.91%	1.996%
50	12.708	971	973	977	rVB2	834083	1692429	30.00%	2.312%
51	12.834	982	984	986	rVV	1136114	1536070	27.23%	2.098%
52	12.914	989	991	995	rVB2	1360619	2362589	41.88%	3.227%
53	13.931	1078	1080	1086	rVB	671410	772063	13.68%	1.055%
54	15.314	1199	1201	1204	rVB	332837	433275	7.68%	0.592%

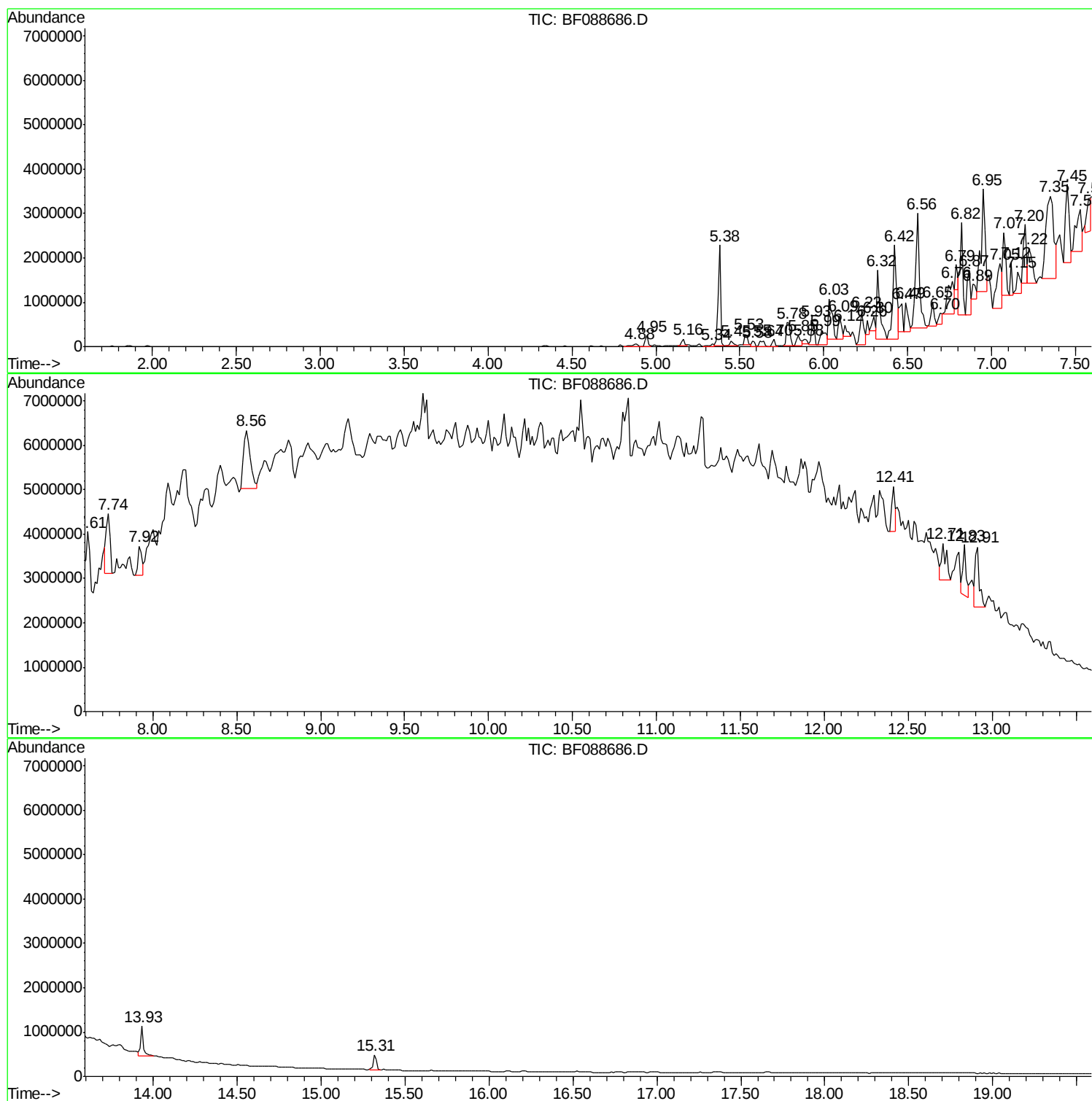
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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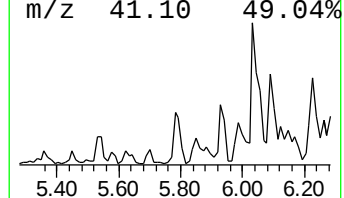
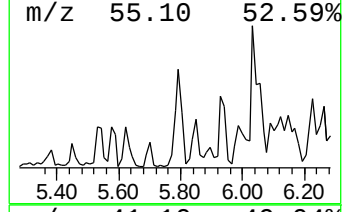
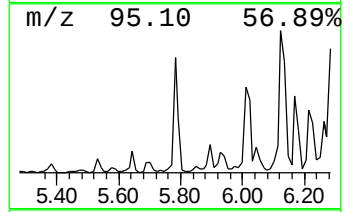
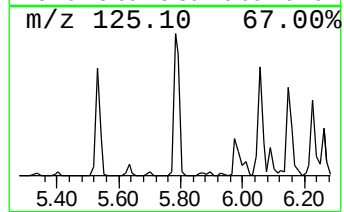
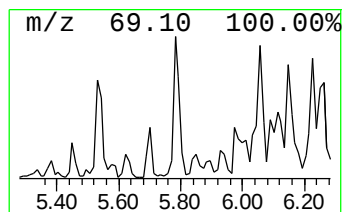
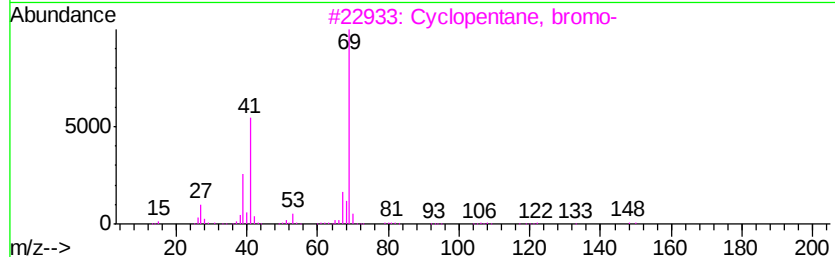
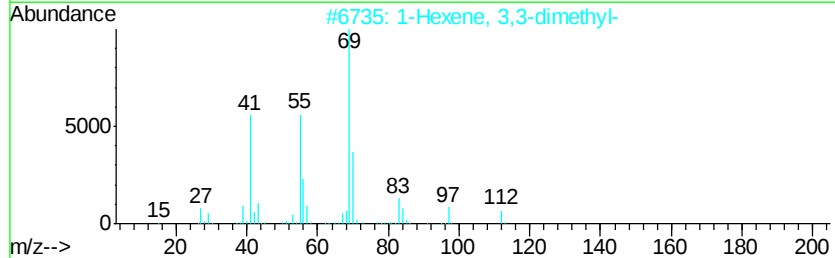
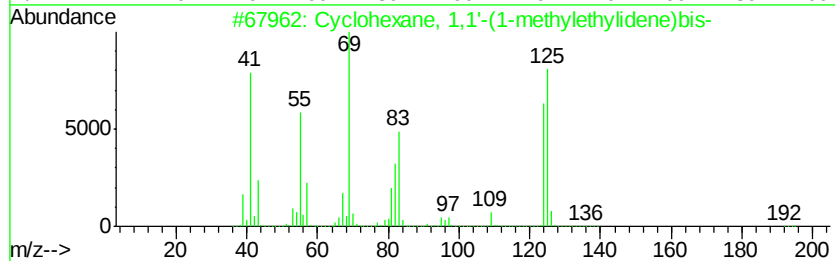
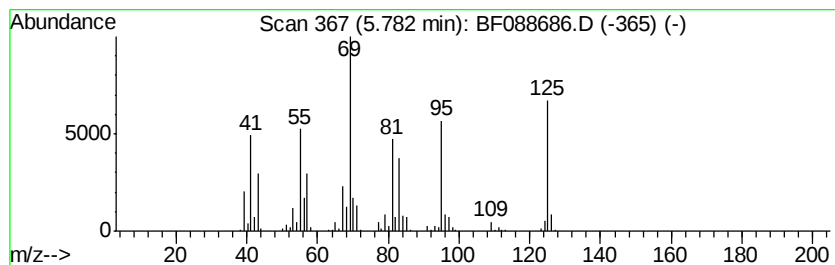
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1,1'-(1-methyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	29.51 ng	865808	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1'-(1-methylethyl)...	208	C15H28	054934-90-6	50
2		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35
3		Cyclopentane, bromo-	148	C5H9Br	000137-43-9	35
4		Pyrimidine, 4-amino-2-methoxy-	125	C5H7N3O	003289-47-2	35
5		1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	35



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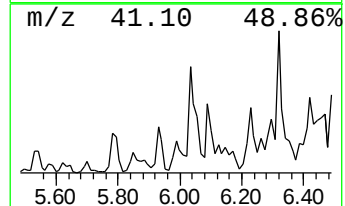
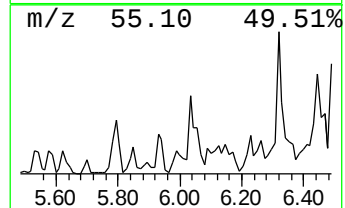
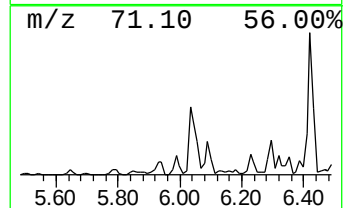
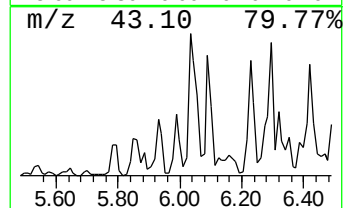
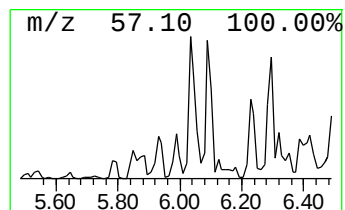
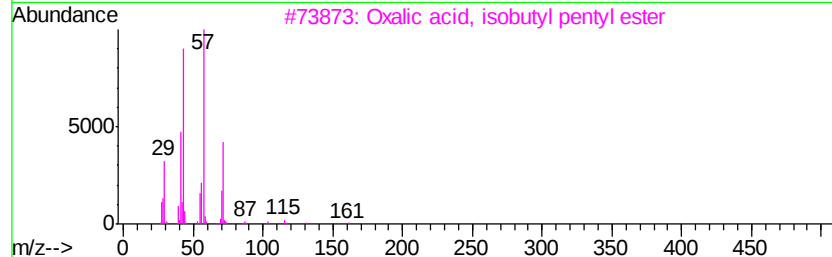
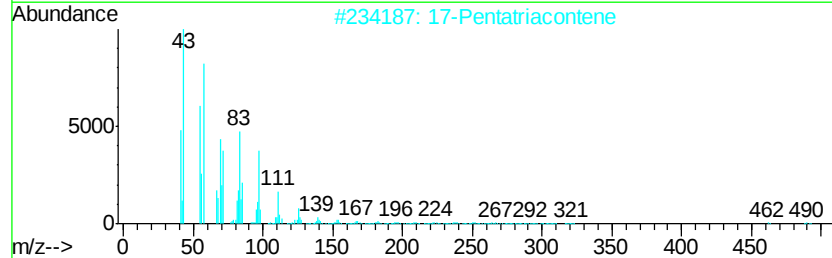
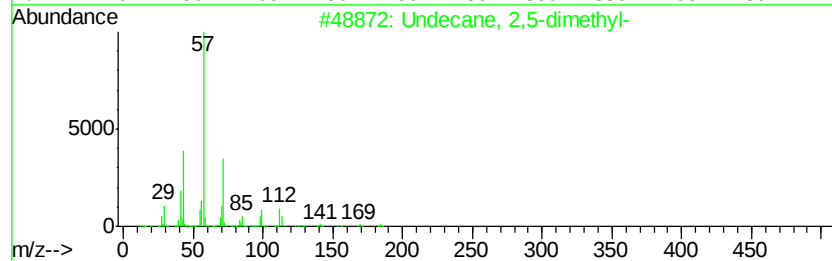
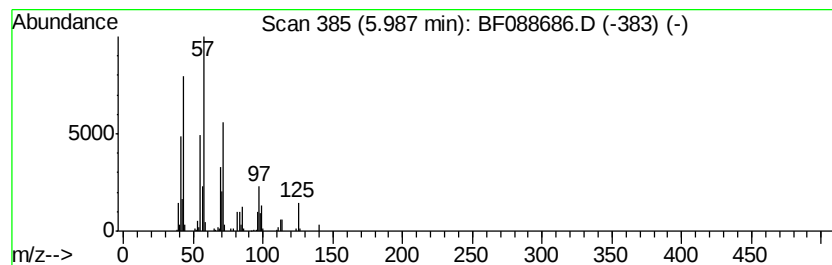
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	28.96 ng	849596	1,4-Dichlorobenzene-d4	6.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53	
2	17-Pentatriacontene	491	C35H70	006971-40-0	47	
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	47	
4	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	47	
5	Heptane	100	C7H16	000142-82-5	43	



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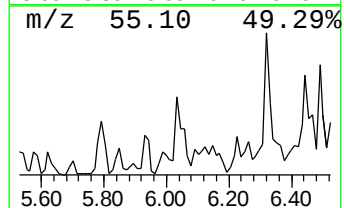
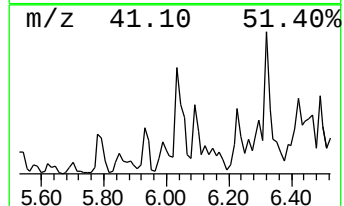
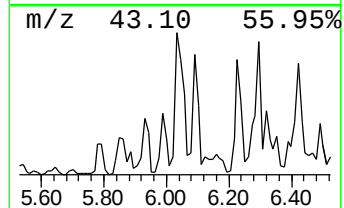
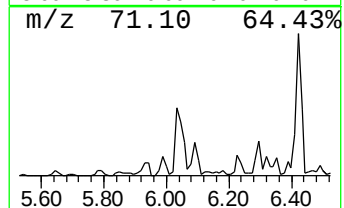
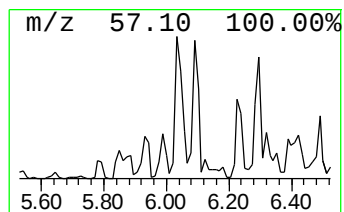
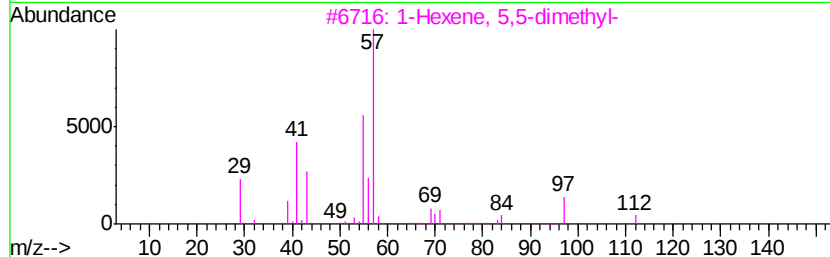
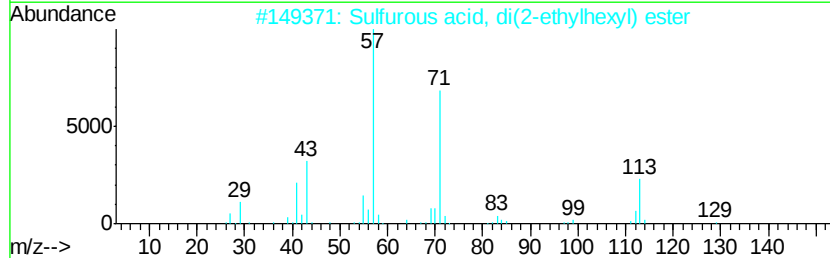
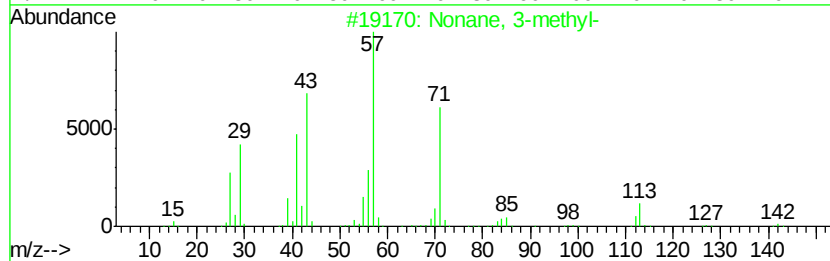
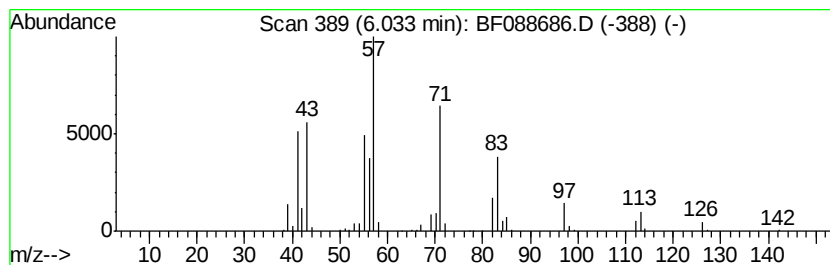
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	52.06 ng	1527260	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
2		Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	38
3		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	38
4		Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	38
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	38



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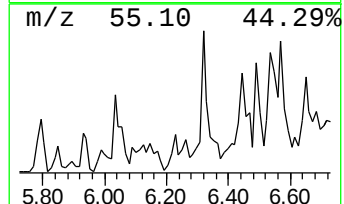
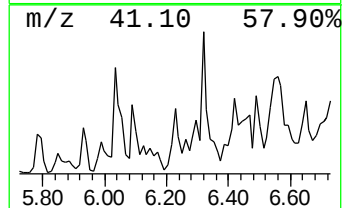
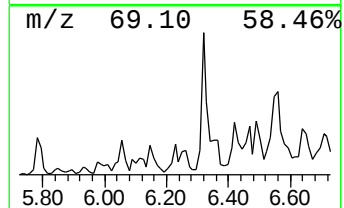
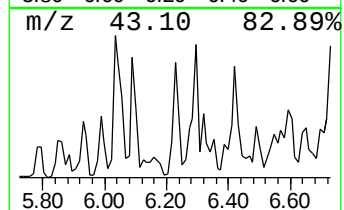
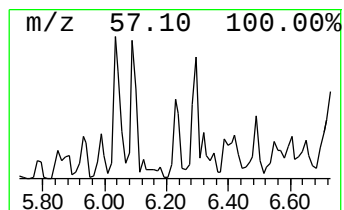
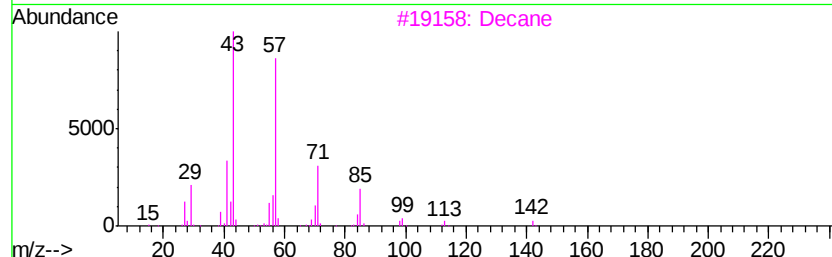
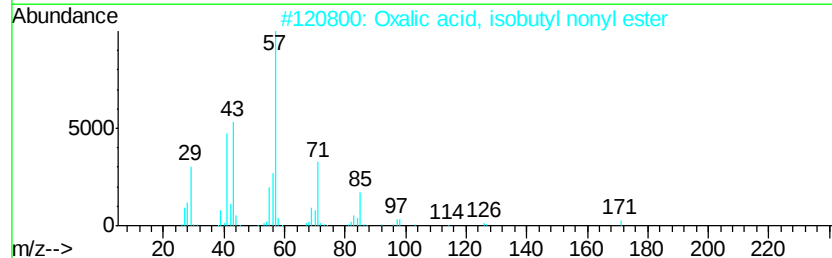
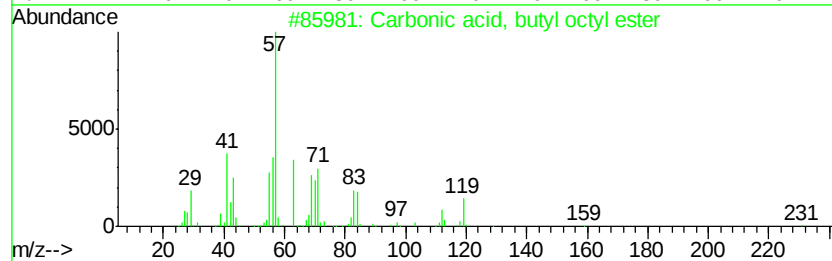
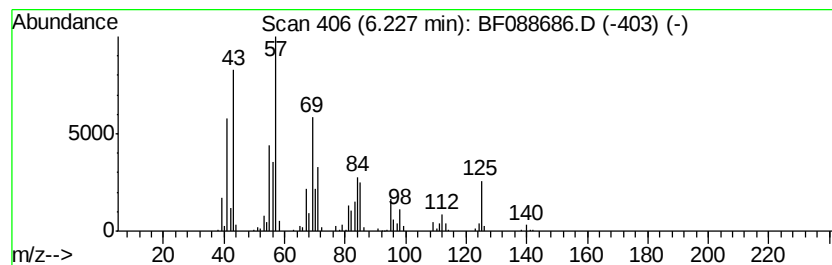
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 unknown6.23 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	41.55 ng	1218750	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, butyl octyl ester	230	C13H26O3	1000314-63-5	38
2		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	38
3		Decane	142	C10H22	000124-18-5	35
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	30



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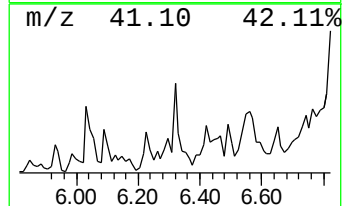
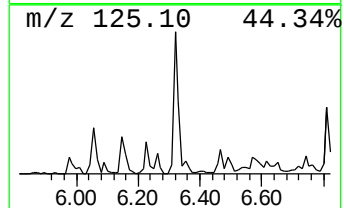
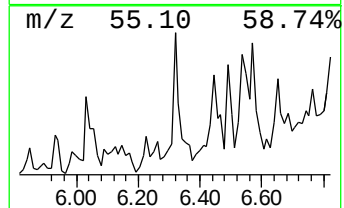
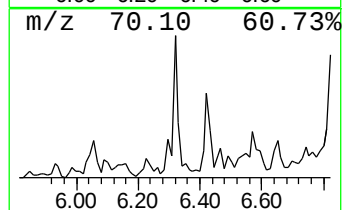
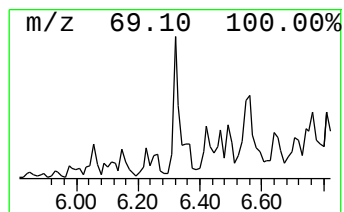
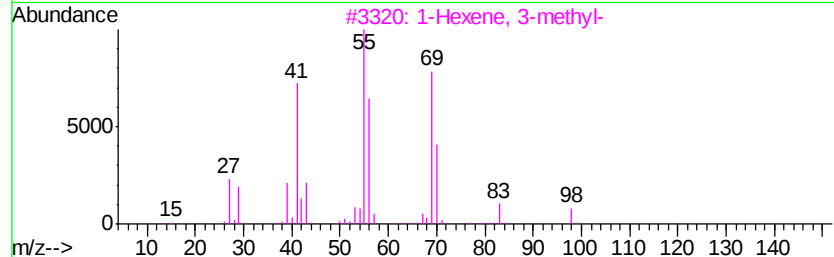
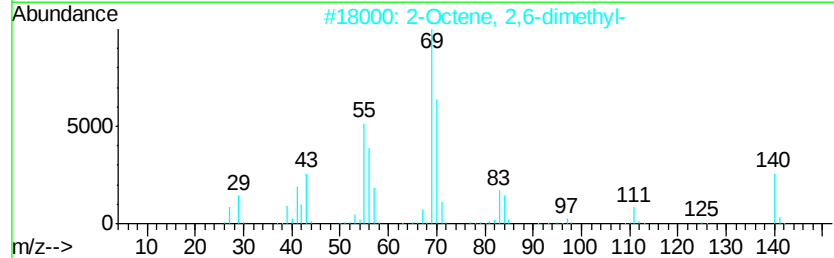
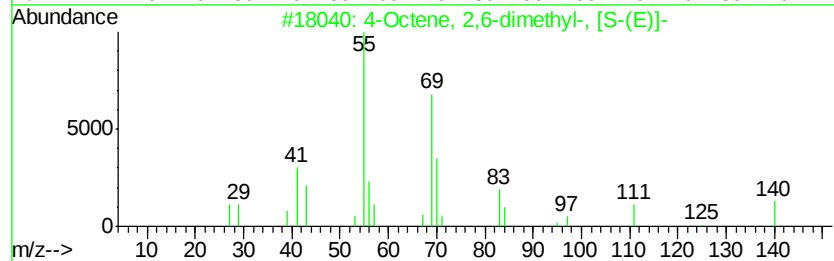
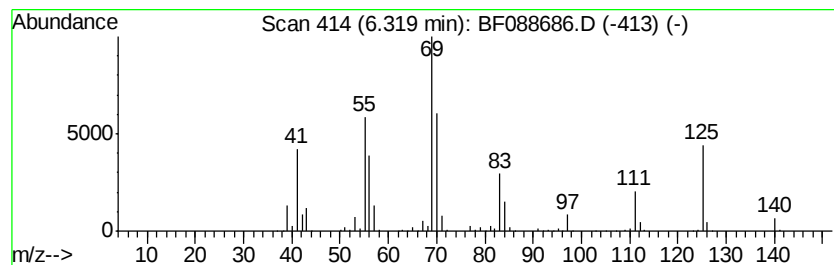
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	71.31 ng	2091850	1,4-Dichlorobenzene-d4	6.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	59
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
4		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	47
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
Sample : H3769-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPCH-B2(13-15)

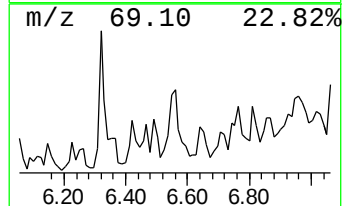
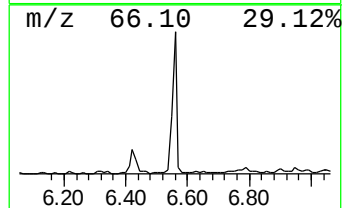
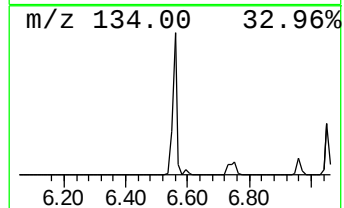
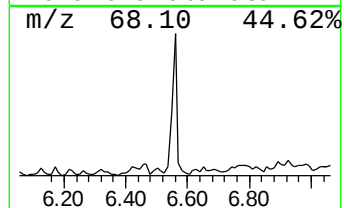
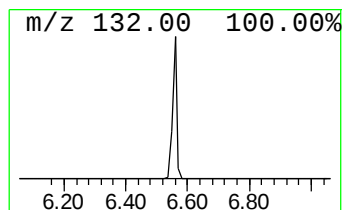
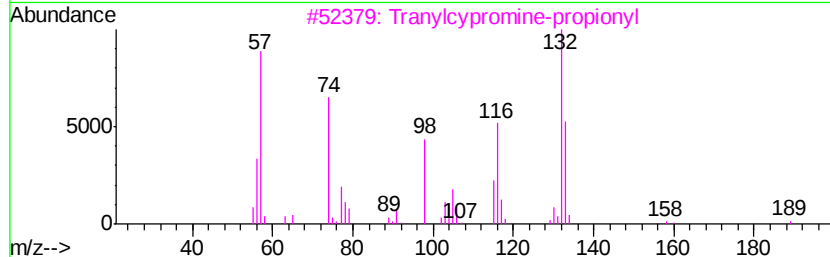
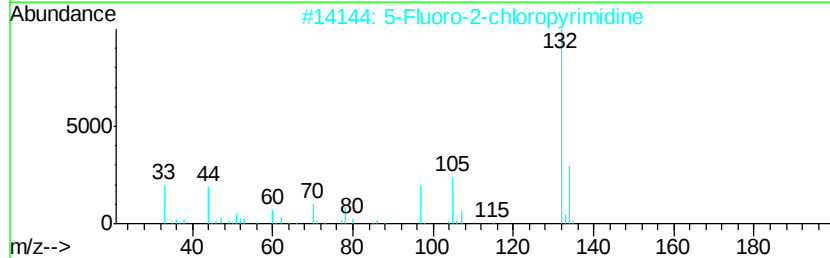
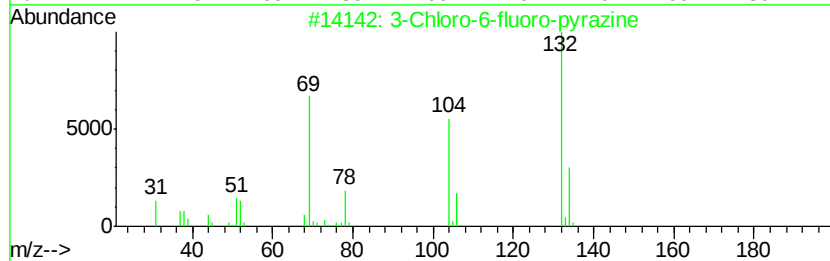
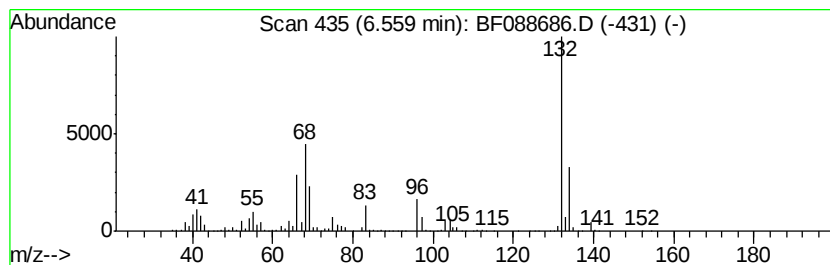
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	148.11 ng	4344940	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
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Misc :
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ClientSampleId :
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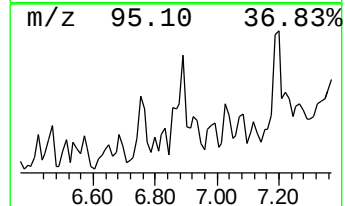
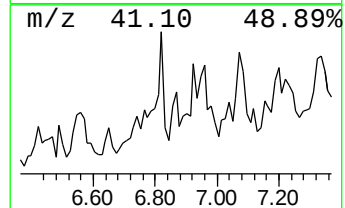
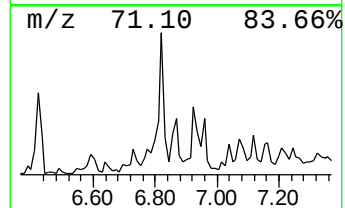
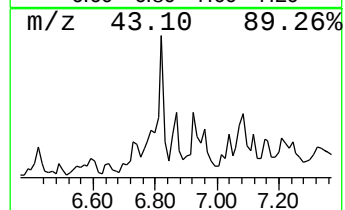
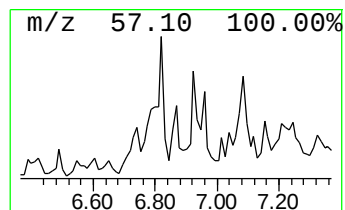
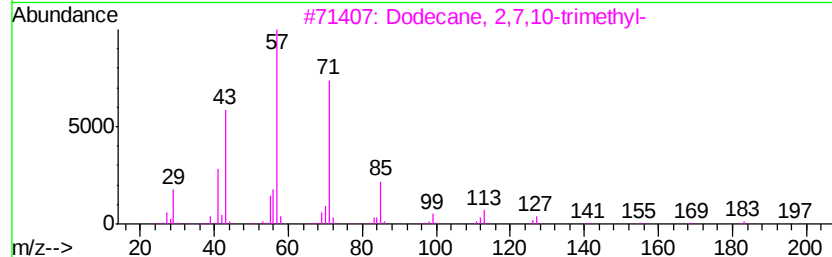
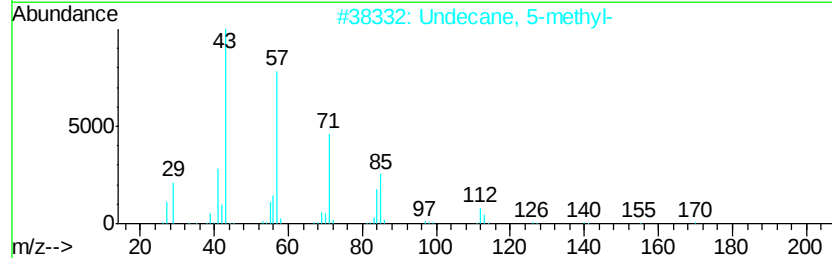
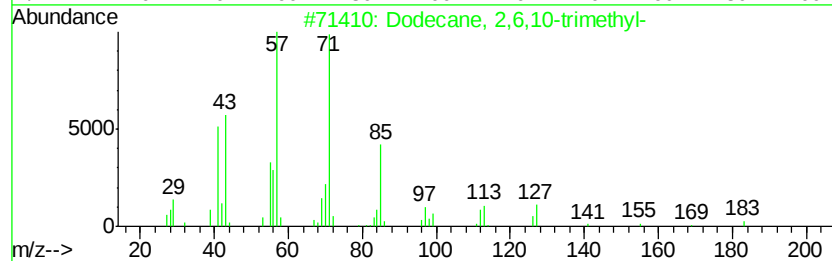
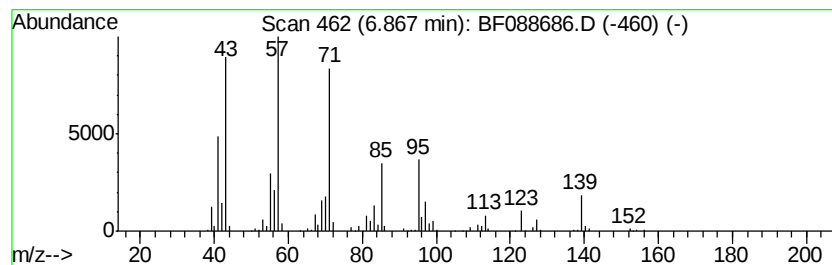
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	49.94 ng	1465120	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4		Sulfurous acid, butyl pentyl ester	208	C9H20O3S	1000309-17-1	50
5		Heptacosane	380	C27H56	000593-49-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
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Misc :
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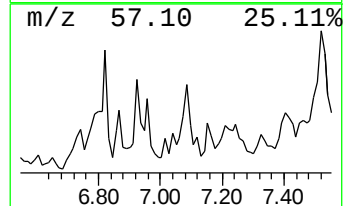
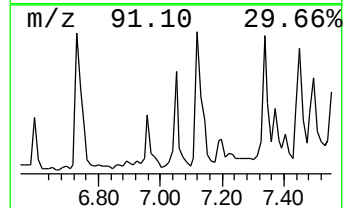
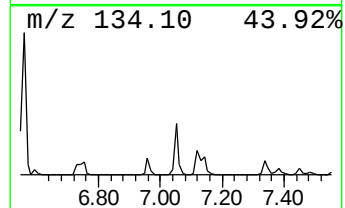
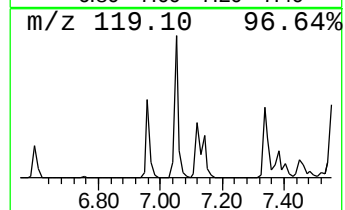
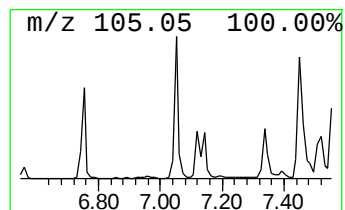
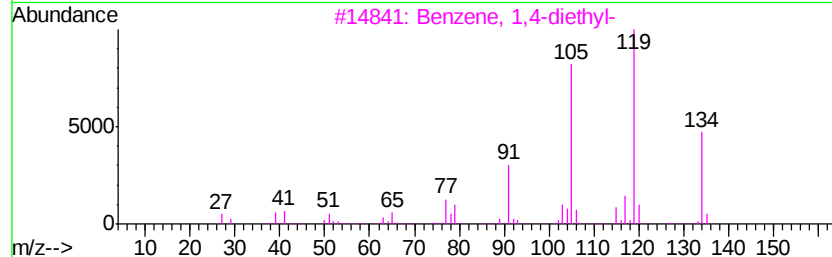
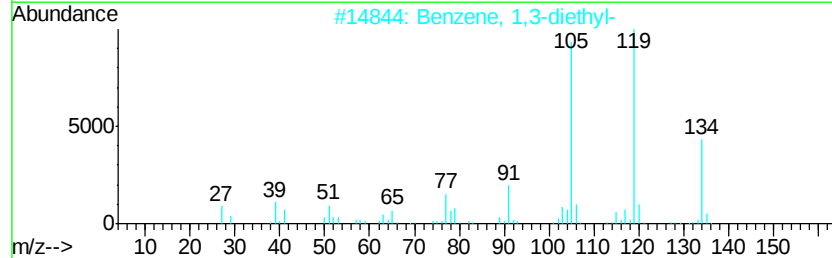
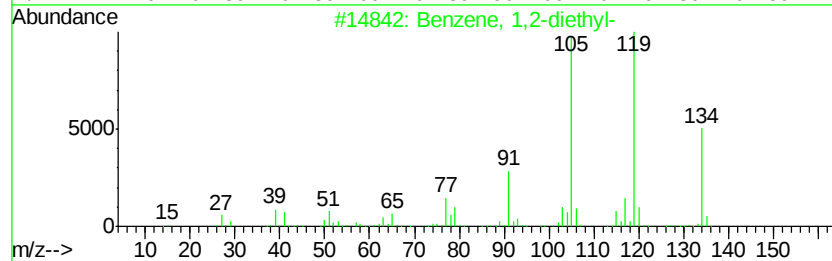
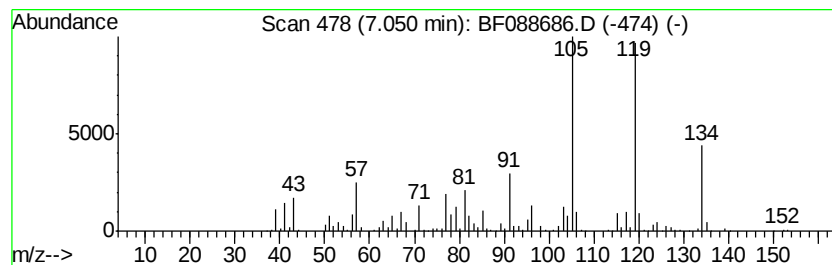
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	81.36 ng	2386640	1,4-Dichlorobenzene-d4	6.79

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, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	74



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Data File : BF088686.D
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Operator : UM/SJ
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Misc :
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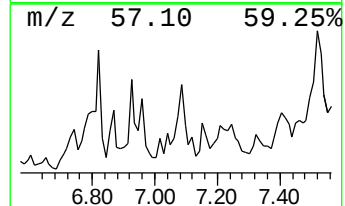
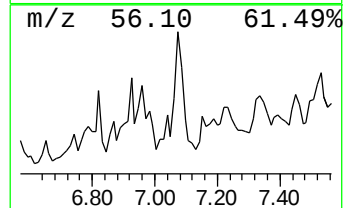
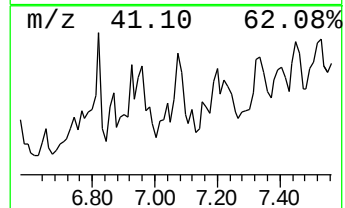
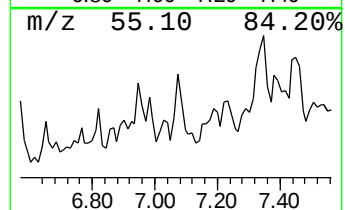
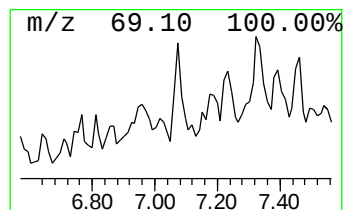
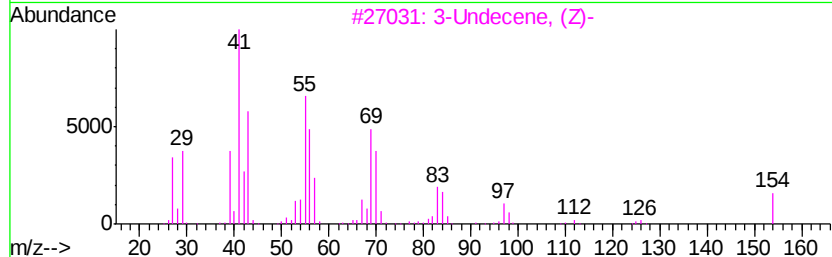
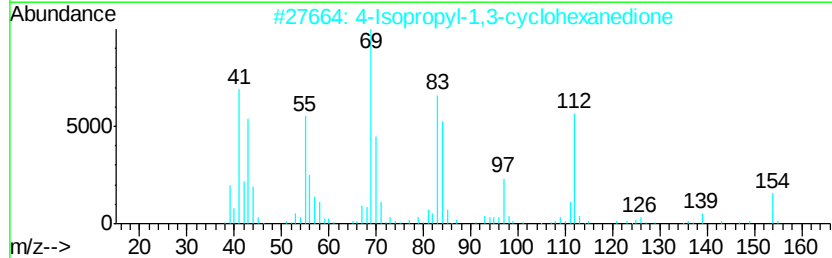
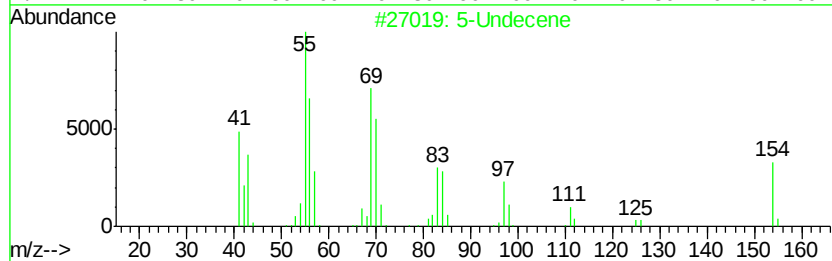
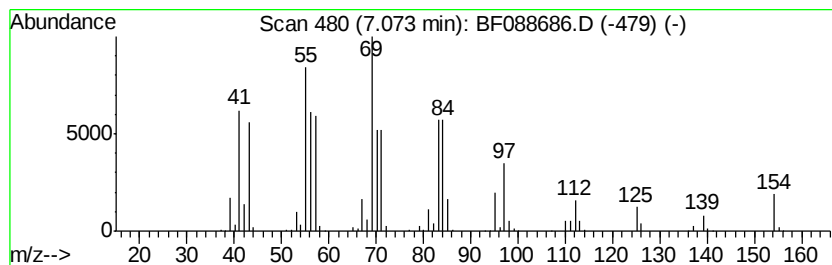
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 5-Undecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	59.78 ng	1753770	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Undecene	154	C11H22	004941-53-1	70
2			4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	68
3			3-Undecene, (Z)-	154	C11H22	000821-97-6	52
4			3-Undecene, (E)-	154	C11H22	001002-68-2	52
5			Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
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Misc :
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ClientSampleId :
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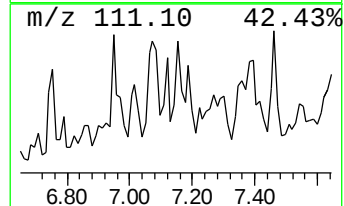
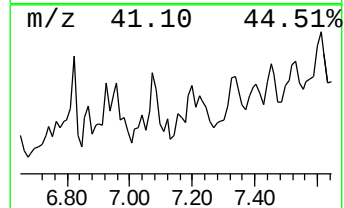
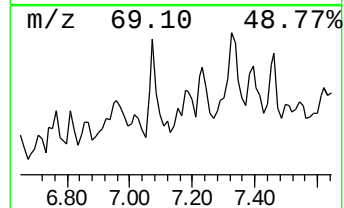
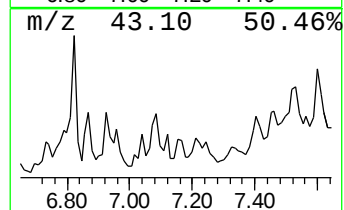
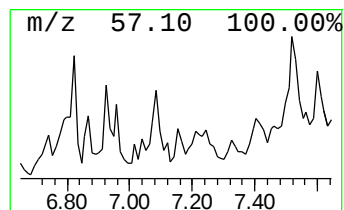
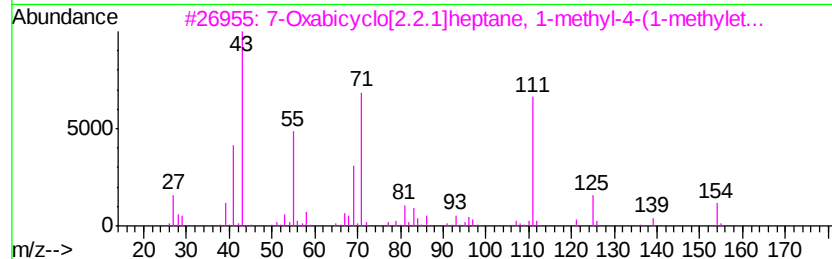
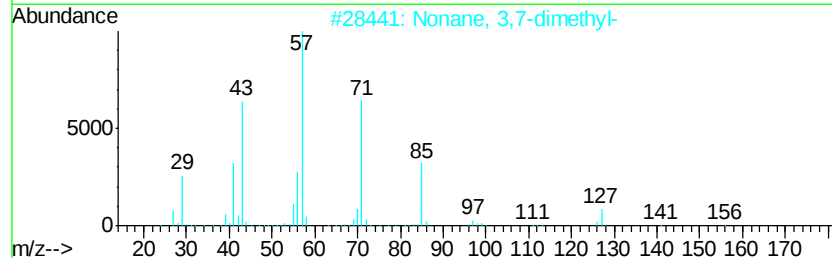
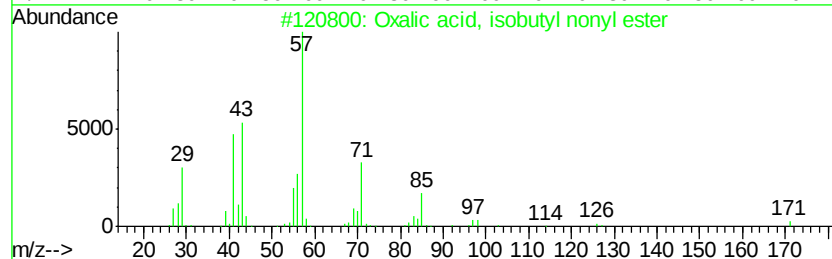
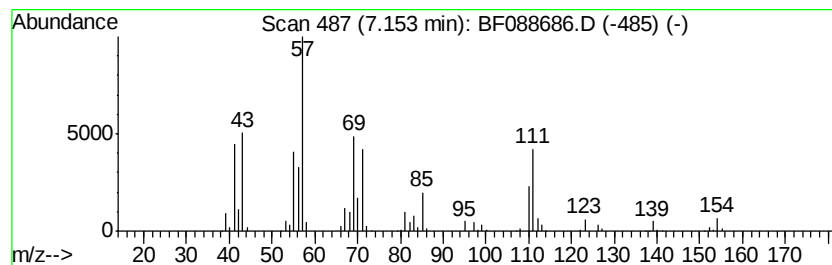
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TIC Library : C:\Database\NIST11.L
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Peak Number 11 unknown7.15 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	27.72 ng	813191	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	46
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
3		7-Oxabicyclo[2.2.1]heptane, 1-methyl-	154	C10H18O	000470-67-7	38
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
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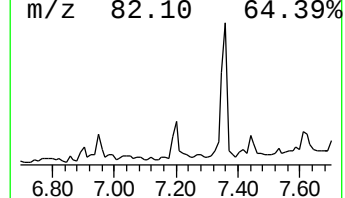
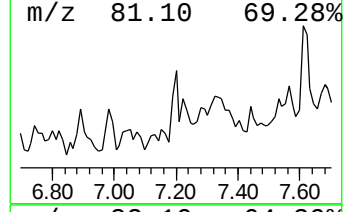
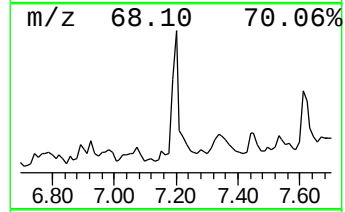
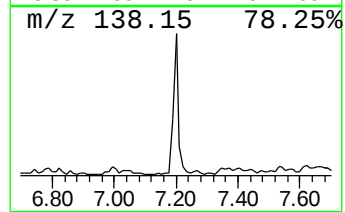
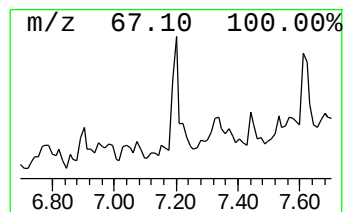
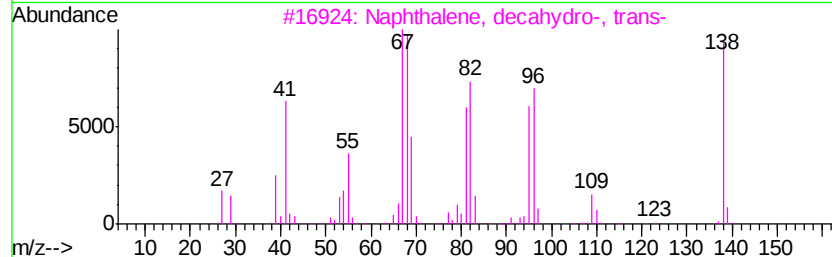
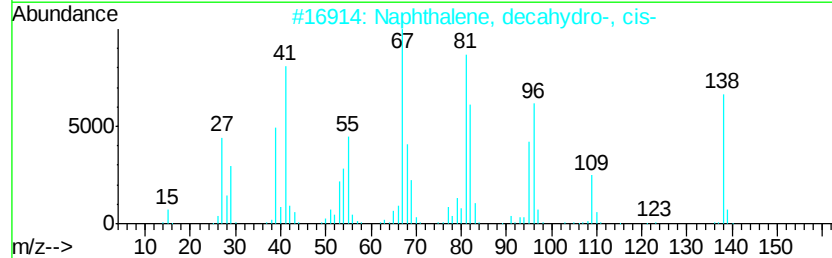
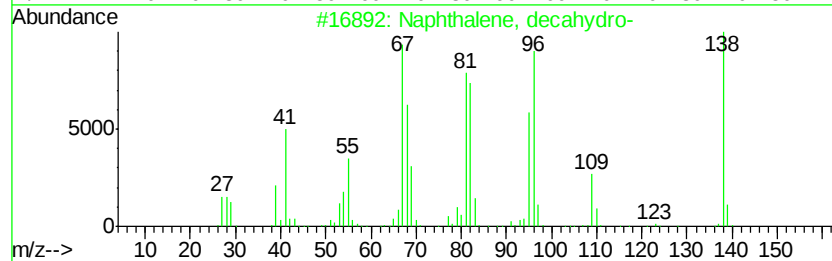
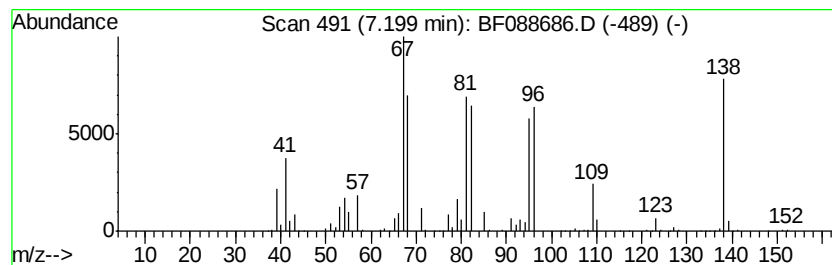
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	60.14 ng	1764310	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	91
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	81
4		5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	80
5		Spiro[4.5]decane	138	C10H18	000176-63-6	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
Sample : H3769-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPCH-B2(13-15)

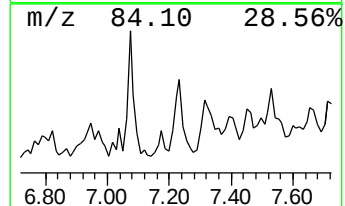
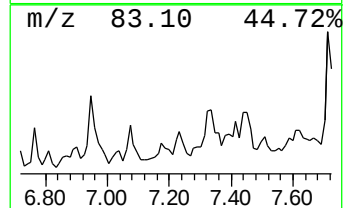
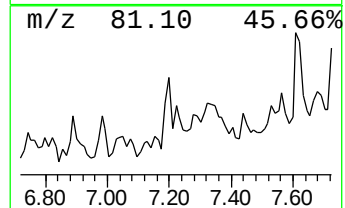
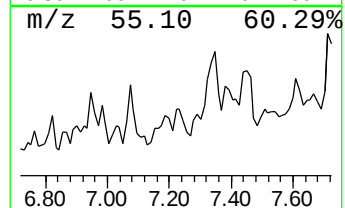
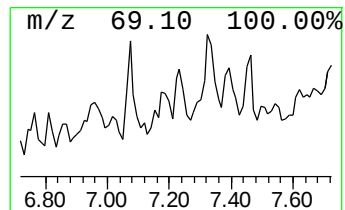
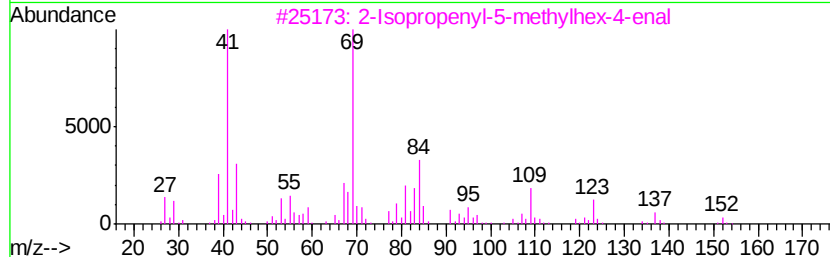
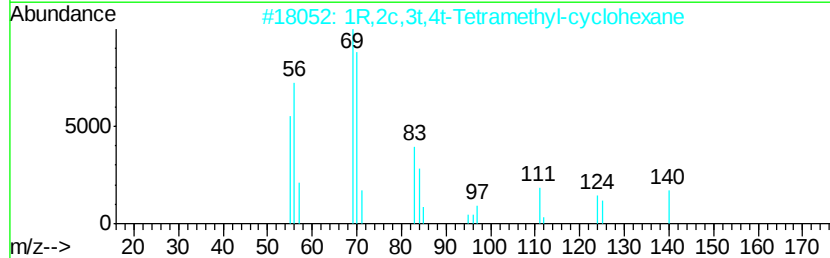
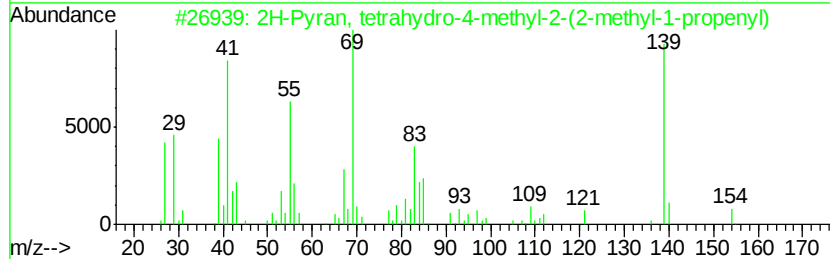
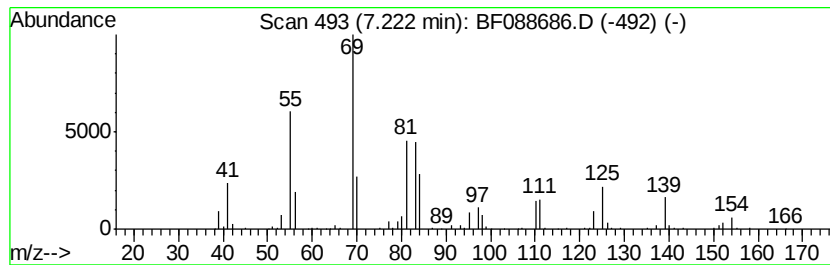
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.22 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	46.66 ng	1368890	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	42
2		1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	42
3		2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	38
4		2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	38
5		4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
Sample : H3769-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

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ClientSampleId :
EPCH-B2(13-15)

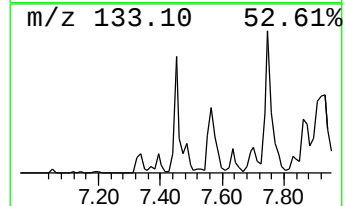
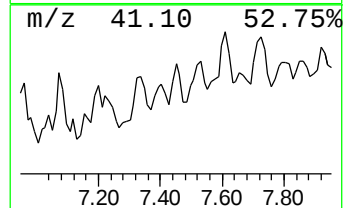
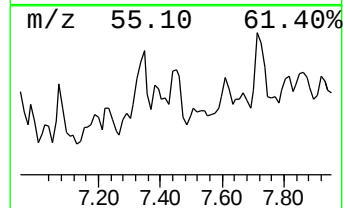
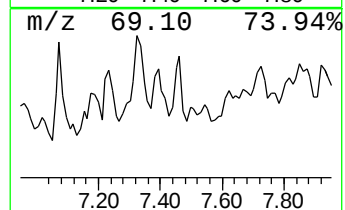
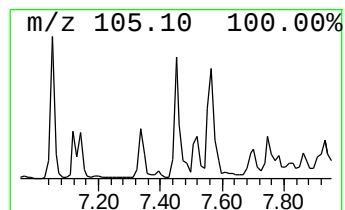
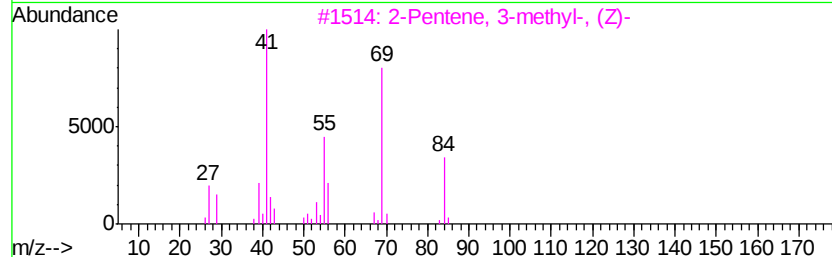
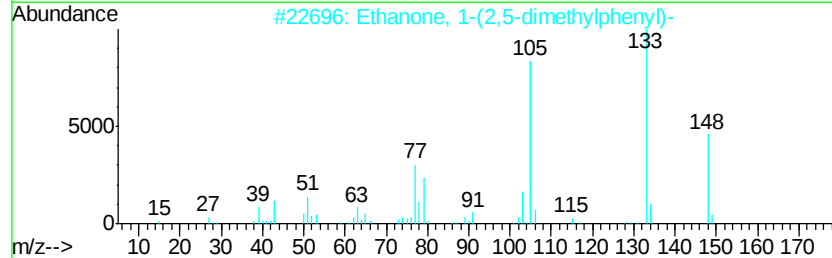
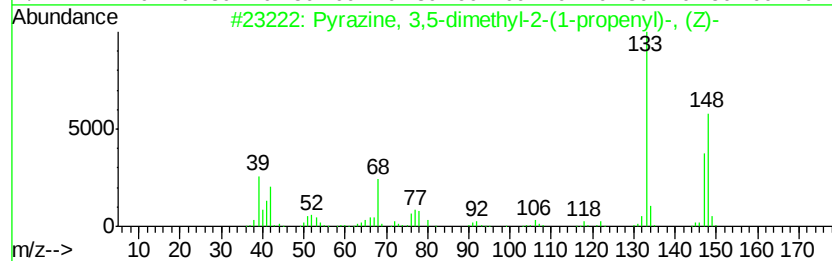
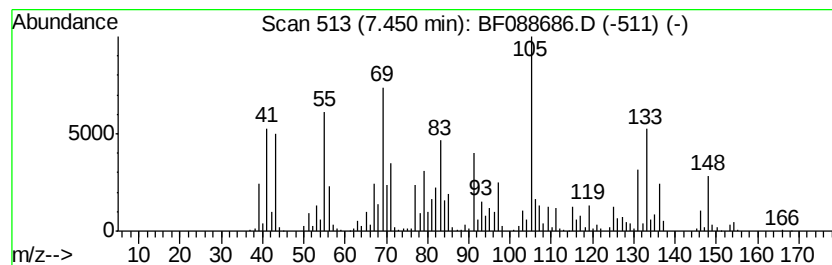
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.45 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	51.86 ng	2853200	Napthalene-d8	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrazine, 3,5-dimethyl-2-(1-prop...	148	C9H12N2	055138-74-4	25
2			Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	25
3			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	20
4			Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	18
5			5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
Sample : H3769-04
Misc :
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ClientSampleId :
EPCH-B2(13-15)

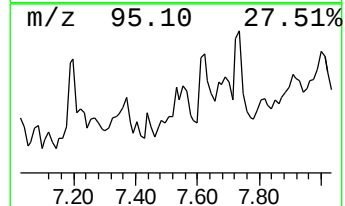
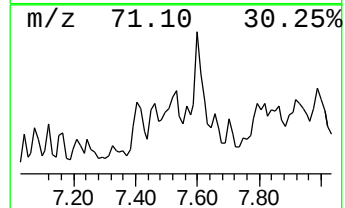
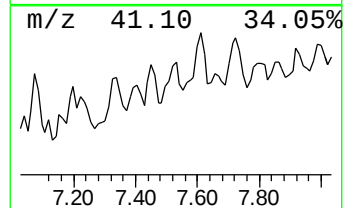
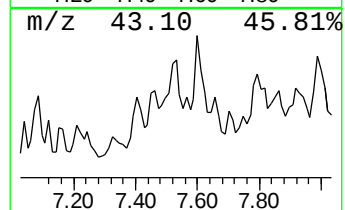
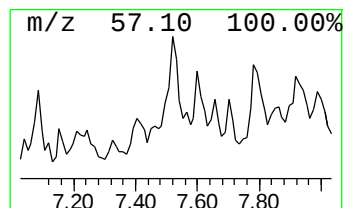
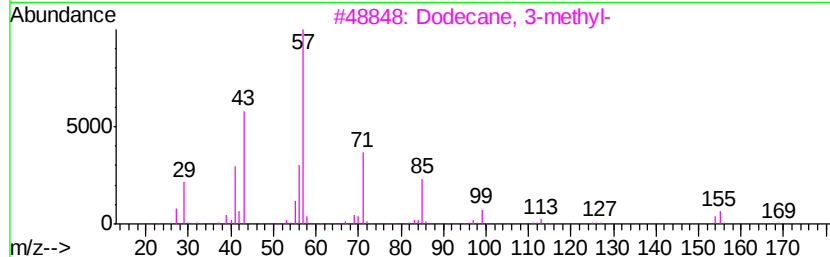
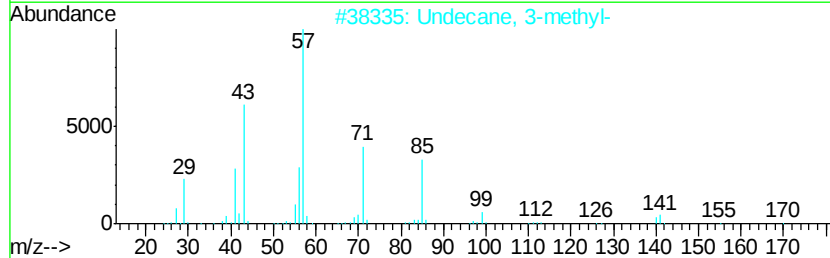
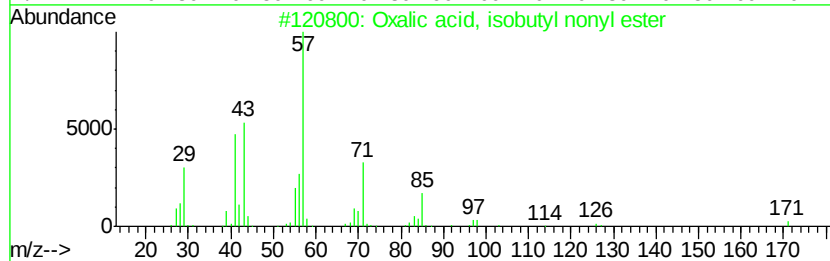
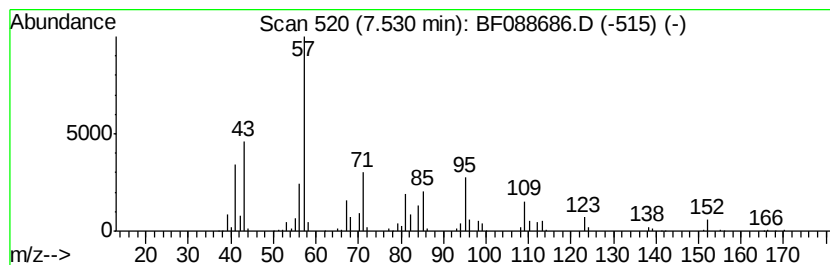
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown7.53 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	42.09 ng	2315980	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	43
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
Sample : H3769-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EPCH-B2(13-15)

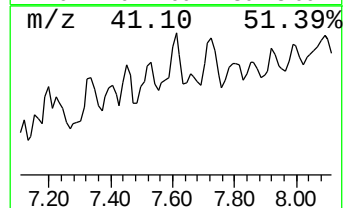
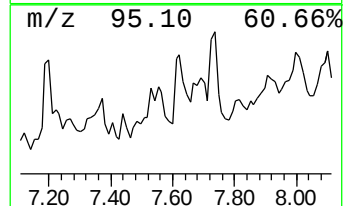
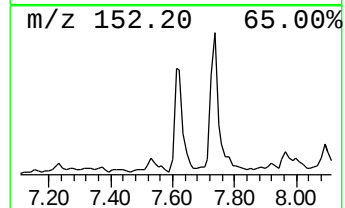
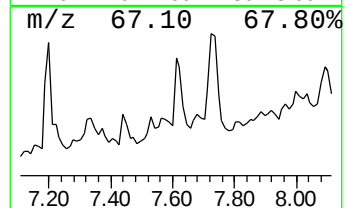
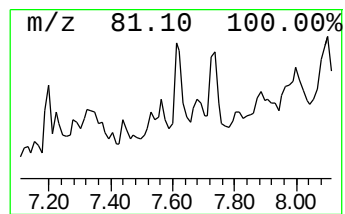
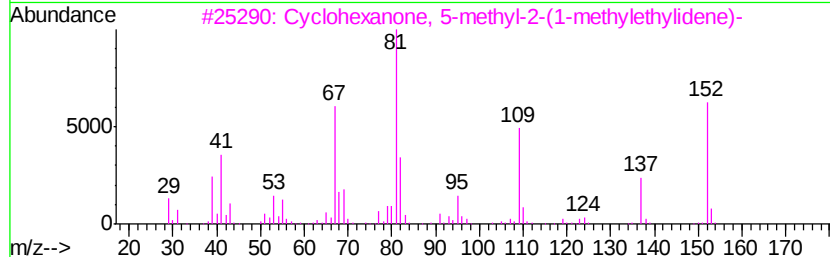
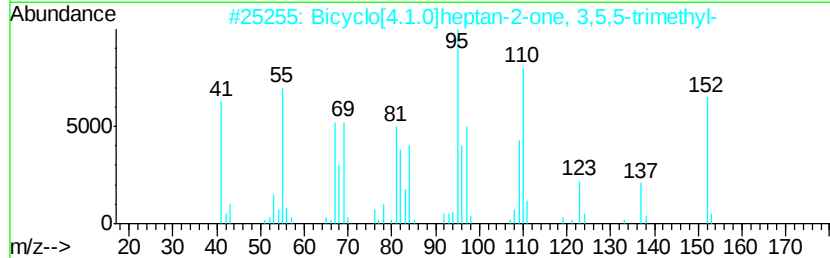
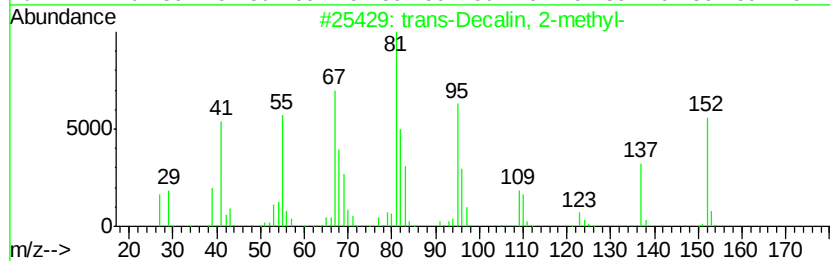
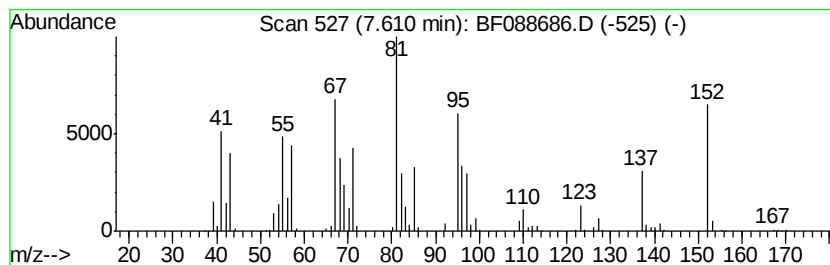
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 trans-Decalin, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	40.86 ng	2247990	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
2		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	50
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	47
4		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	41
5		2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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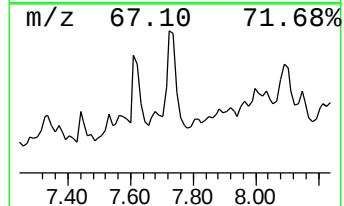
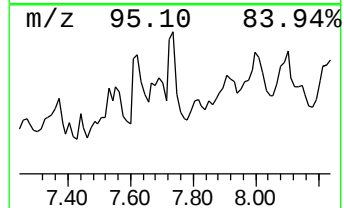
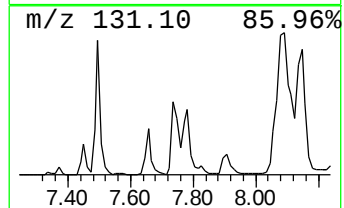
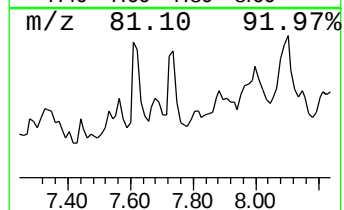
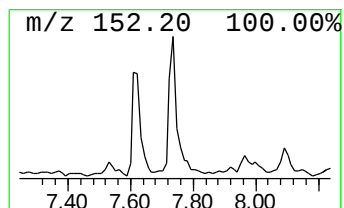
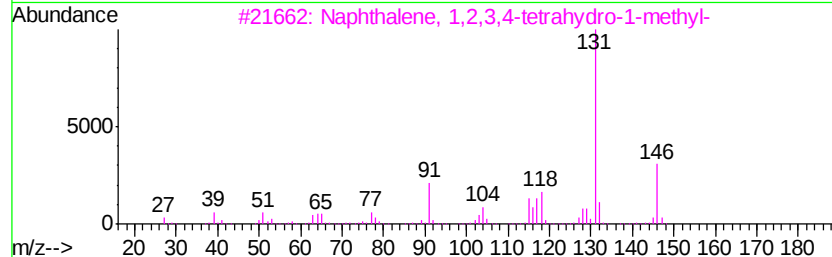
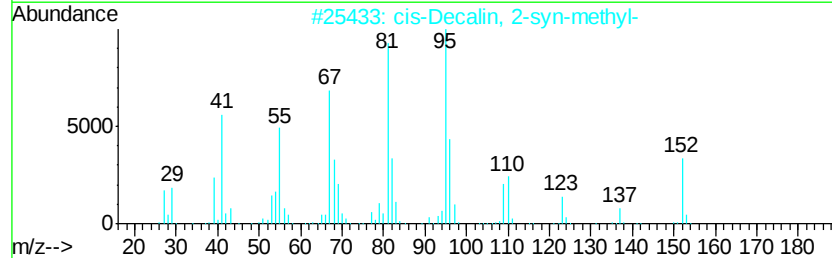
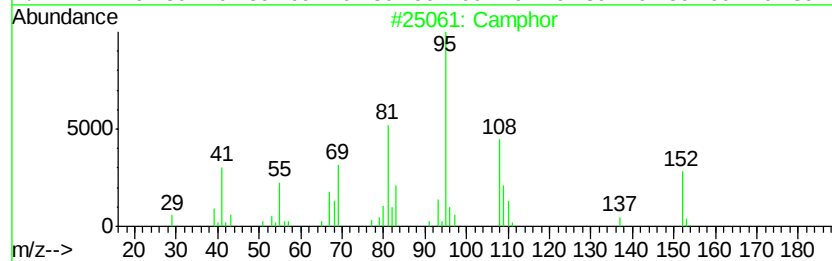
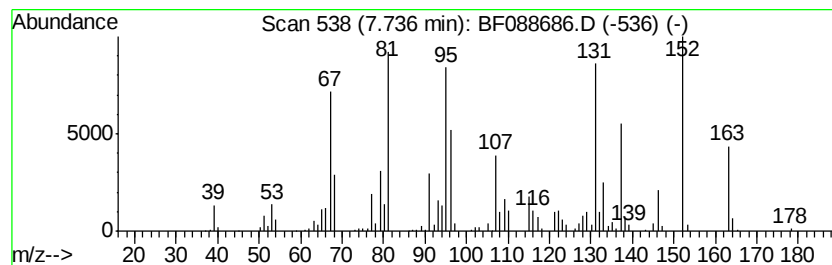
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown7.74 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	39.87 ng	2193520	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphor	152	C10H16O	000076-22-2	41
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	38
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	25
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	25
5		1-Adamantanol	152	C10H16O	000768-95-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
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EPCH-B2(13-15)

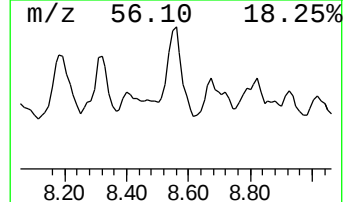
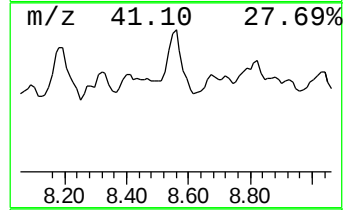
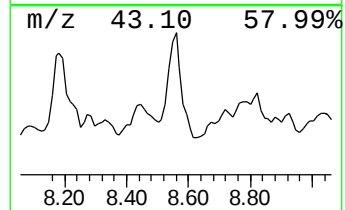
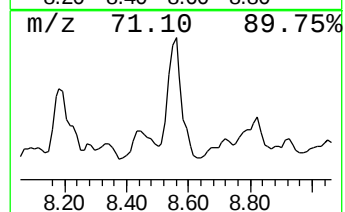
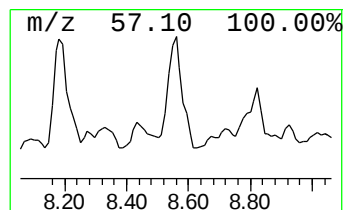
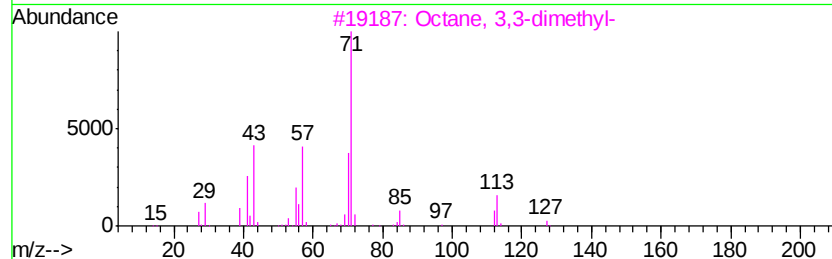
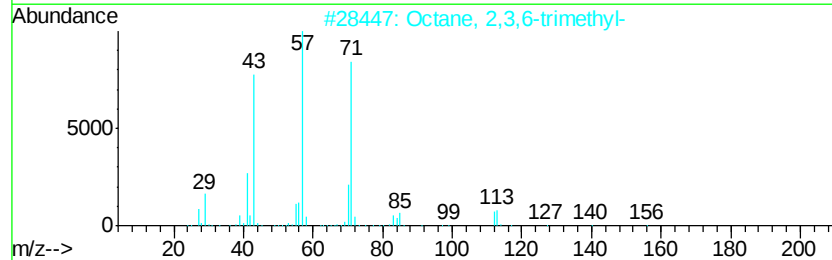
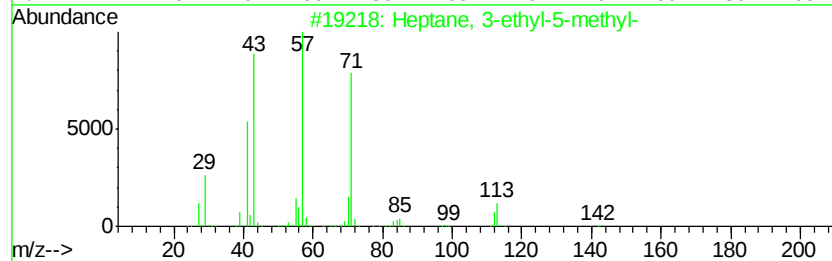
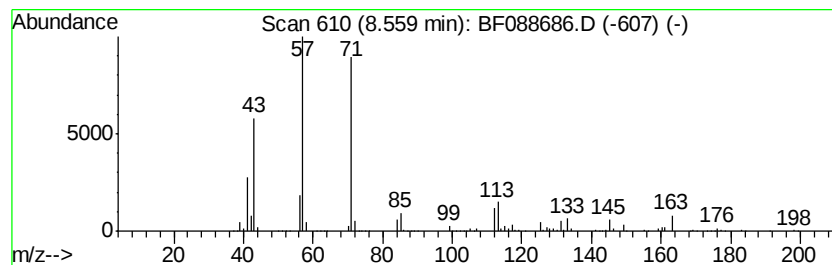
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	68.32 ng	3758900	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
4		Decane, 4-methyl-	156	C11H24	002847-72-5	59
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
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EPCH-B2(13-15)

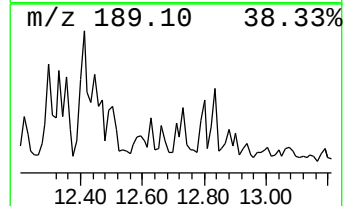
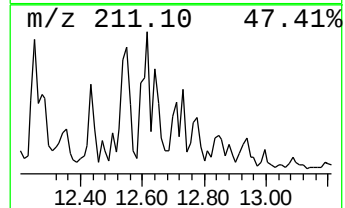
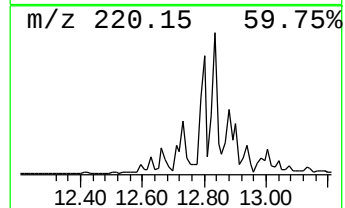
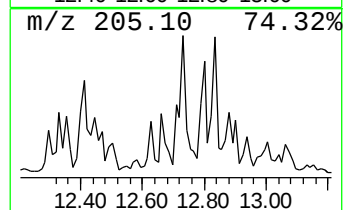
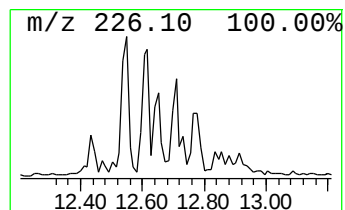
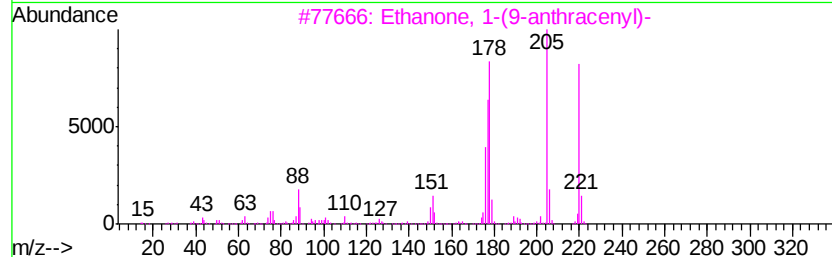
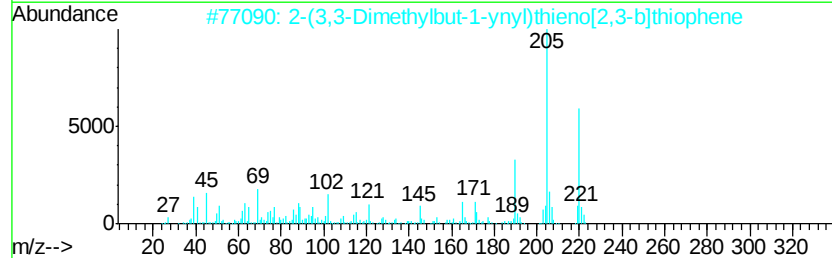
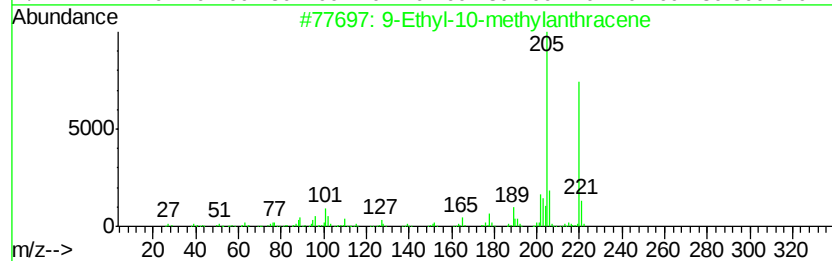
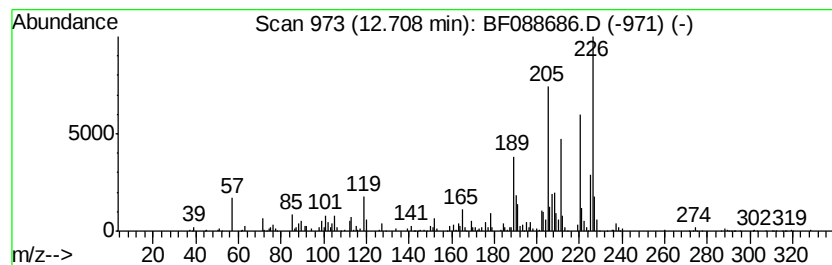
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown12.71 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	43.84 ng	1692430	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	38
2		2-(3,3-Dimethylbut-1-ynyl)thieno...	220	C12H12S2	1000250-48-5	30
3		Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	30
4		1-(4-Methylphenyl)-4-phenylbuta...	220	C17H16	037985-11-8	25
5		1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088686.D
Acq On : 4 Jul 2016 10:40
Operator : UM/SJ
Sample : H3769-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPCH-B2(13-15)

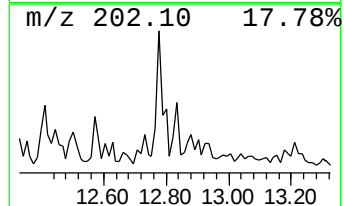
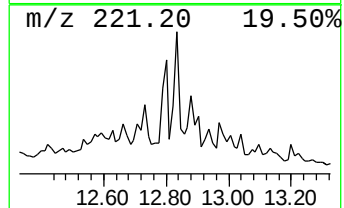
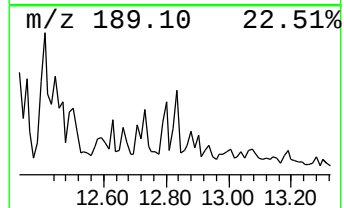
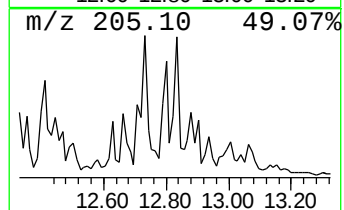
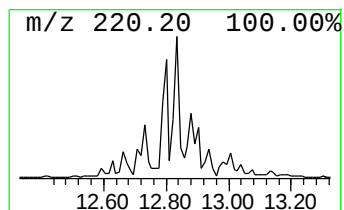
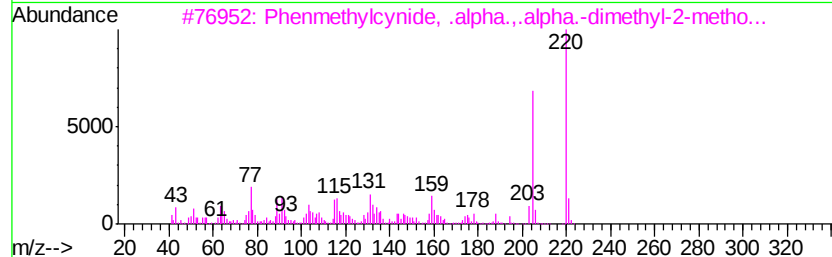
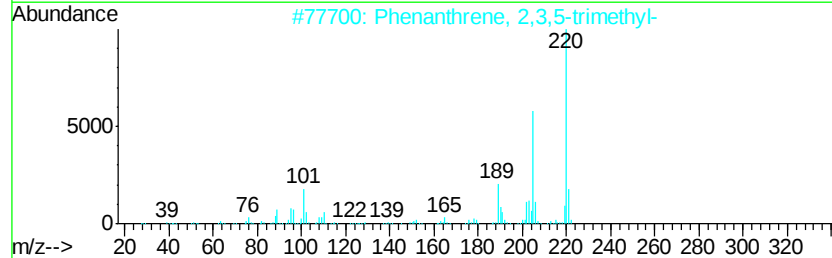
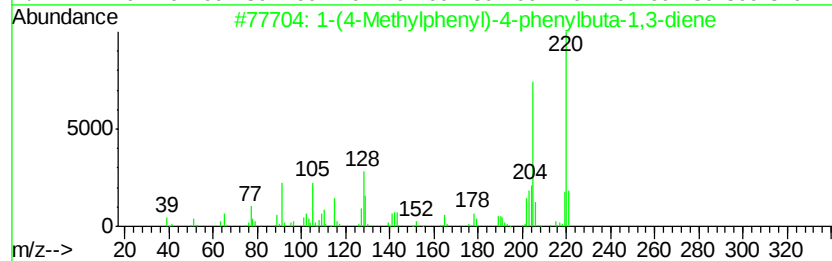
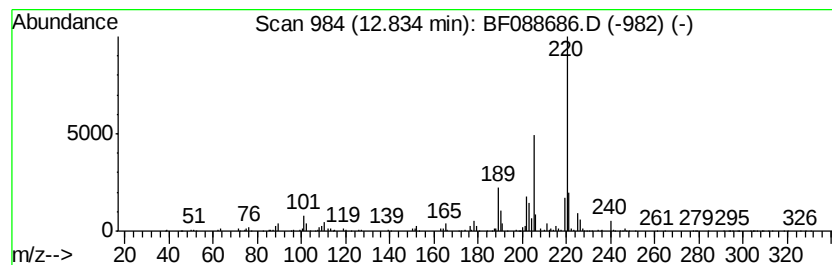
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-(4-Methylphenyl)-4-phenyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	39.79 ng	1536070	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	80
2		Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	74
3		Phenmethylnide, .alpha...alpha...	220	C11H12N2O3	1000128-94-6	53
4		1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	53
5		Benzo[b]dihydropyran, 6-hydroxy-	220	C14H20O2	050442-70-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
 Data File : BF088686.D
 Acq On : 4 Jul 2016 10:40
 Operator : UM/SJ
 Sample : H3769-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
Cyclohexane, 1,1'...	5.78	29.5	ng	865808	1	6.79	586706	20.0
Undecane, 2,5-dim...	5.99	29.0	ng	849596	1	6.79	586706	20.0
unknown6.03	6.03	52.1	ng	1527260	1	6.79	586706	20.0
unknown6.23	6.23	41.5	ng	1218750	1	6.79	586706	20.0
4-Octene, 2,6-dim...	6.32	71.3	ng	2091850	1	6.79	586706	20.0
unknown6.56	6.56	148.1	ng	4344940	1	6.79	586706	20.0
Dodecane, 2,6,10-...	6.87	49.9	ng	1465120	1	6.79	586706	20.0
Benzene, 1,2-diet...	7.05	81.4	ng	2386640	1	6.79	586706	20.0
5-Undecene	7.07	59.8	ng	1753770	1	6.79	586706	20.0
unknown7.15	7.15	27.7	ng	813191	1	6.79	586706	20.0
Naphthalene, deca...	7.20	60.1	ng	1764310	1	6.79	586706	20.0
unknown7.22	7.22	46.7	ng	1368890	1	6.79	586706	20.0
unknown7.45	7.45	51.9	ng	2853200	2	8.09	1100440	20.0
unknown7.53	7.53	42.1	ng	2315980	2	8.09	1100440	20.0
trans-Decalin, 2-...	7.61	40.9	ng	2247990	2	8.09	1100440	20.0
unknown7.74	7.74	39.9	ng	2193520	2	8.09	1100440	20.0
Heptane, 3-ethyl-...	8.56	68.3	ng	3758900	2	8.09	1100440	20.0
unknown12.71	12.71	43.8	ng	1692430	5	13.93	772063	20.0
1-(4-Methylphenyl...	12.83	39.8	ng	1536070	5	13.93	772063	20.0