

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082036.D
 Acq On : 3 Oct 2015 22:25
 Operator : UM/IZ
 Sample : G3846-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

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-BF092815.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.765	48	55	59	rBV	145661	346019	1.41%	0.278%
2	3.737	135	140	142	rBV	347345	790765	3.23%	0.636%
3	3.897	151	154	158	rBV	322752	711586	2.90%	0.572%
4	4.068	165	169	172	rBV	369128	709167	2.89%	0.570%
5	4.126	172	174	180	rVB	170476	305566	1.25%	0.246%
6	4.229	180	183	186	rBV	123986	268435	1.10%	0.216%
7	4.286	186	188	193	rVB	155386	320910	1.31%	0.258%
8	4.423	197	200	209	rBV2	1112374	2819380	11.51%	2.267%
9	4.549	209	211	215	rVB	230214	336399	1.37%	0.270%
10	4.766	228	230	232	rBV	196604	275517	1.12%	0.222%
11	4.880	235	240	243	rBV	547832	906124	3.70%	0.729%
12	4.983	243	249	252	rBV3	1021421	2826956	11.54%	2.273%
13	5.040	252	254	259	rBV2	1010332	2041926	8.34%	1.642%
14	5.177	265	266	270	rVB2	220234	279349	1.14%	0.225%
15	5.257	270	273	275	rBV	1108482	1853717	7.57%	1.491%
16	5.371	278	283	287	rBV3	1083953	3345823	13.66%	2.690%
17	5.451	287	290	297	rBV2	3490156	10149707	41.43%	8.161%
18	5.554	297	299	304	rVB2	494058	953529	3.89%	0.767%
19	5.634	304	306	308	rBV2	823065	1524731	6.22%	1.226%
20	5.680	308	310	311	rBV	745167	731633	2.99%	0.588%
21	5.726	311	314	317	rBV2	2032757	3799513	15.51%	3.055%
22	5.794	317	320	326	rVB	3361037	7651316	31.23%	6.152%
23	5.897	326	329	331	rBV2	1046319	1503920	6.14%	1.209%
24	5.943	331	333	339	rVB4	430795	1035682	4.23%	0.833%
25	6.034	339	341	344	rBV3	1524683	2859161	11.67%	2.299%
26	6.137	347	350	353	rBV2	2600436	6232601	25.44%	5.011%
27	6.194	353	355	364	rVB2	1693958	6300053	25.72%	5.066%
28	6.320	364	366	369	rBV2	976713	2542964	10.38%	2.045%
29	6.423	370	375	379	rBV3	3481316	12713444	51.90%	10.223%
30	6.583	387	389	392	rVB	999266	1555875	6.35%	1.251%
31	6.743	400	403	417	rBV2	3583251	24497754	100.00%	19.698%
32	6.937	417	420	421	rBV2	929065	1810649	7.39%	1.456%
33	6.972	421	423	429	rVV2	1071696	3985373	16.27%	3.205%
34	7.189	440	442	443	rBV	1157362	1811143	7.39%	1.456%

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016-TB-13(4-8)

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.372	980	983	986	rVB	1985433	3718170	15.18%	2.990%
36	13.692	1008	1011	1017	rVB	2116378	3828828	15.63%	3.079%
37	13.989	1035	1037	1041	rVB	1590471	2758159	11.26%	2.218%
38	14.287	1061	1063	1066	rVB	1113507	1420049	5.80%	1.142%
39	14.584	1087	1089	1091	rVB	744141	870439	3.55%	0.700%
40	14.881	1112	1115	1120	rVB	471426	829696	3.39%	0.667%
41	15.601	1175	1178	1192	rVB2	404864	1144229	4.67%	0.920%

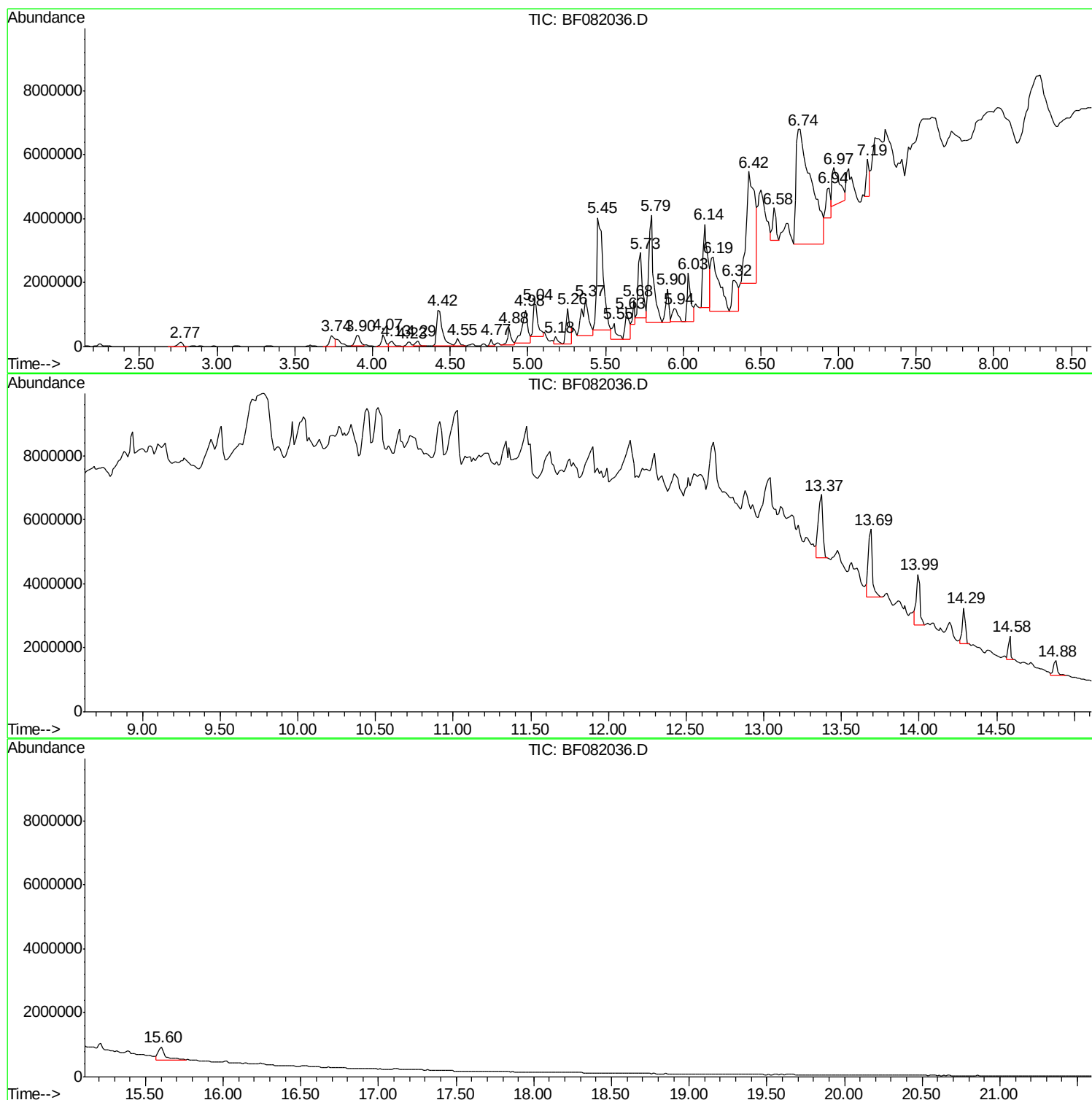
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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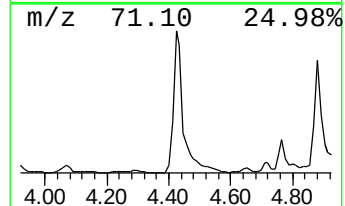
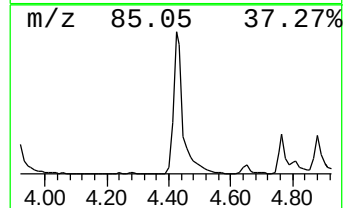
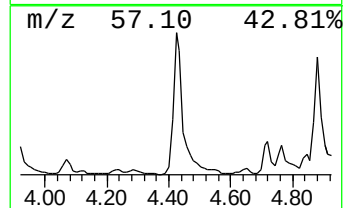
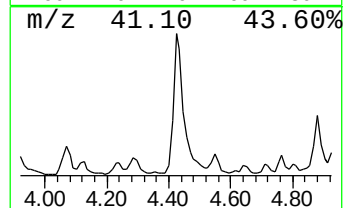
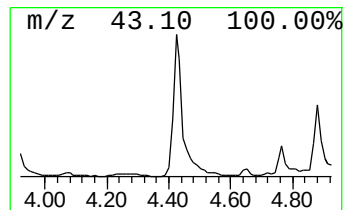
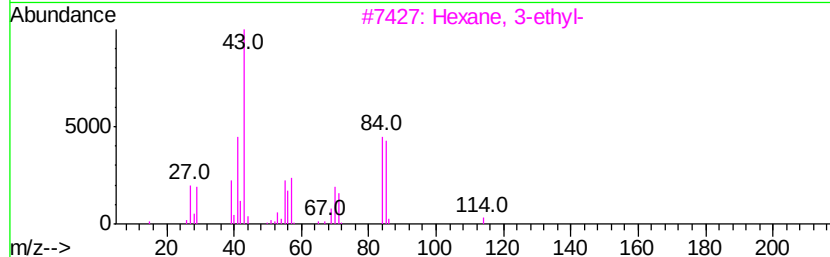
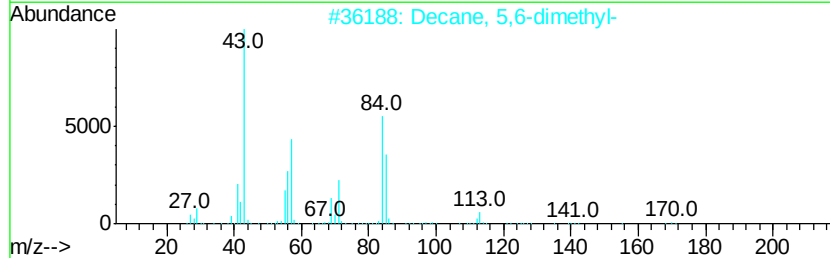
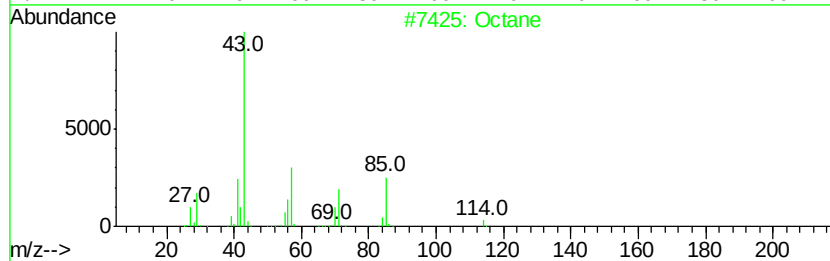
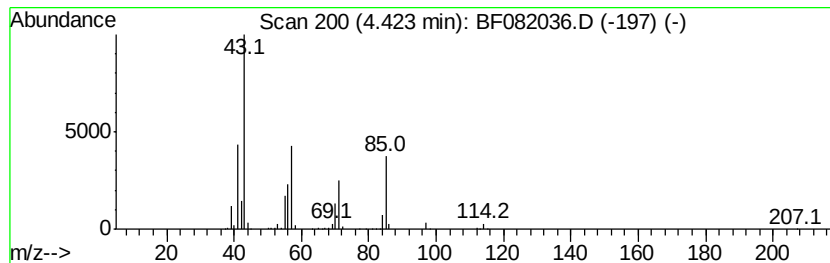
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	31.14 ng	2819380	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	91
2		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	72
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64



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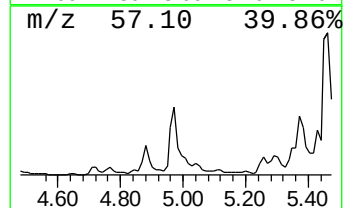
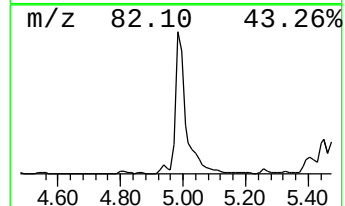
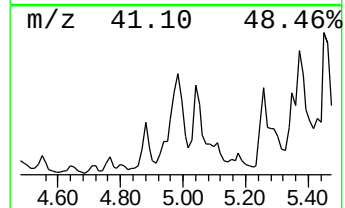
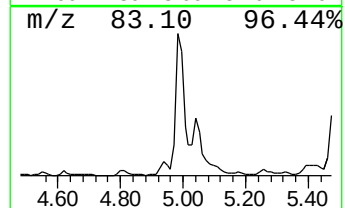
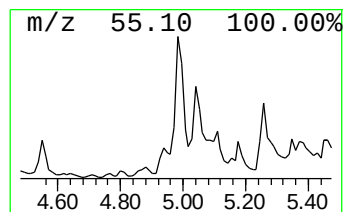
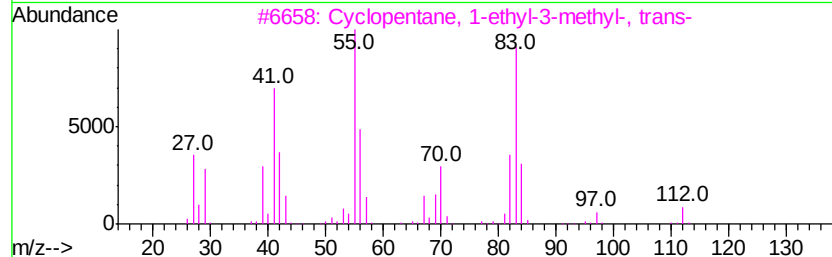
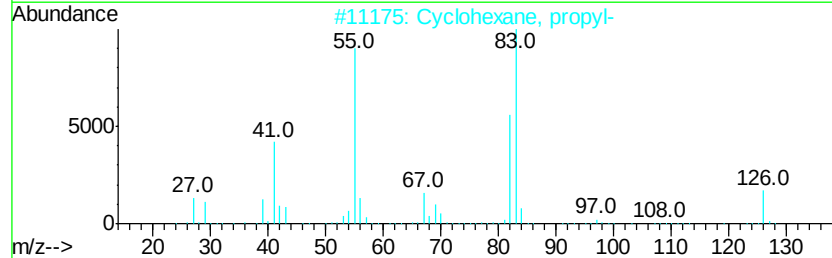
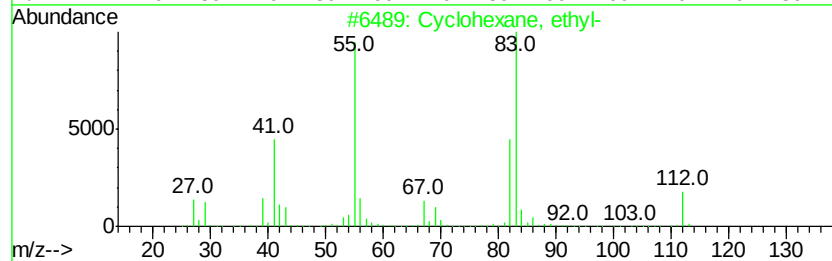
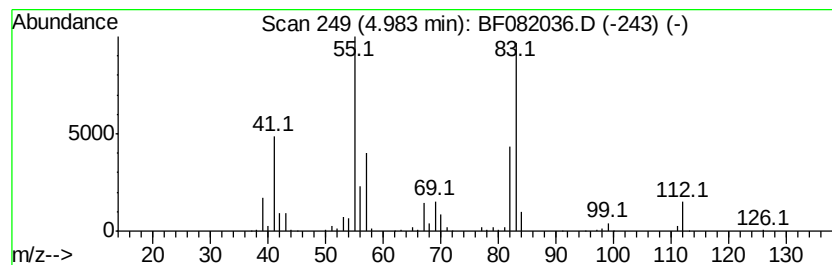
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	31.23 ng	2826960	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3		Cyclopentane, 1-ethyl-3-methyl-, ...	112	C8H16	002613-65-2	64
4		3-Ethyl-3-hexene	112	C8H16	016789-51-8	58
5		2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	53



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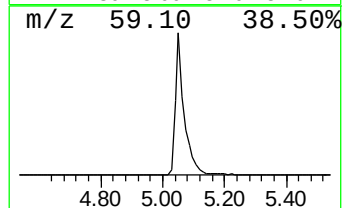
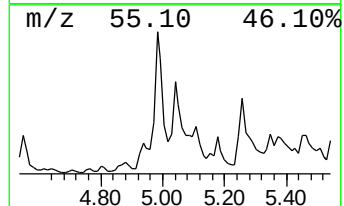
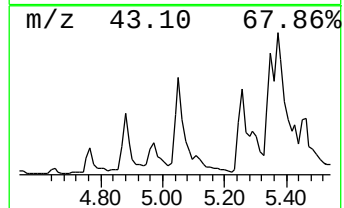
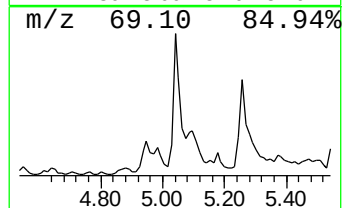
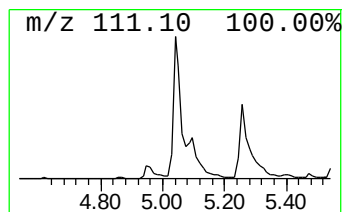
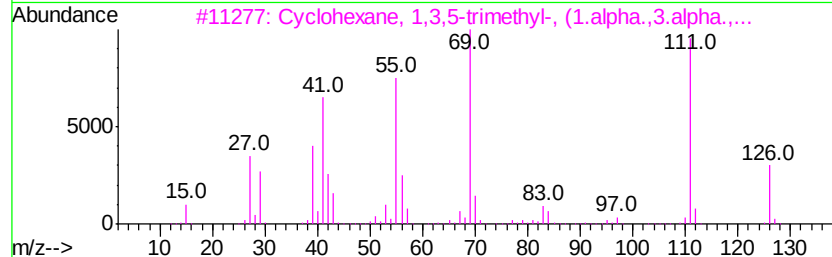
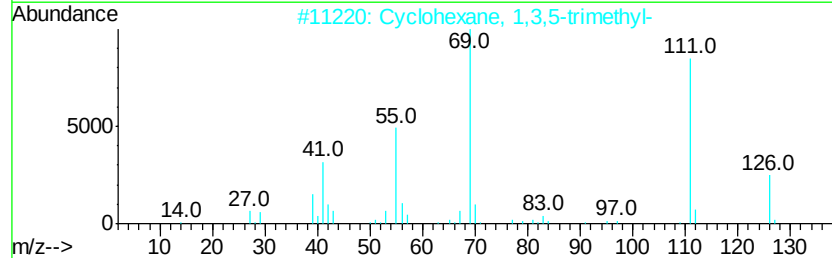
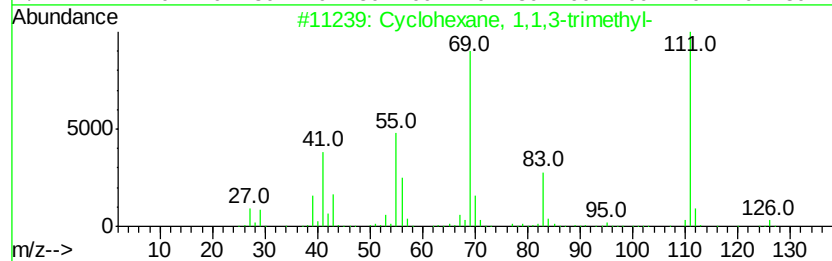
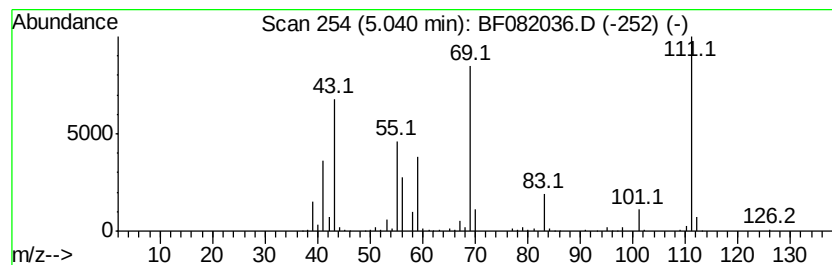
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	22.55 ng	2041930	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
3		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	42
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	40
5		Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	40



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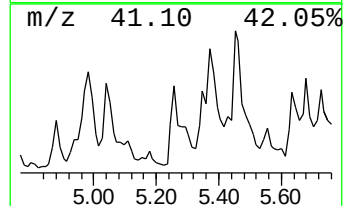
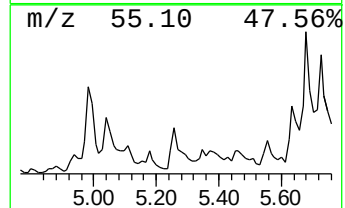
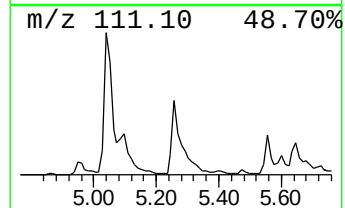
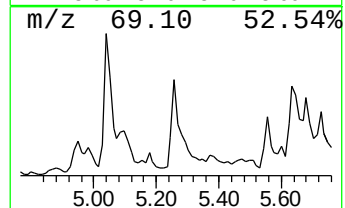
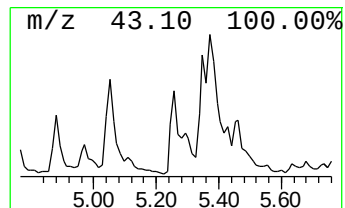
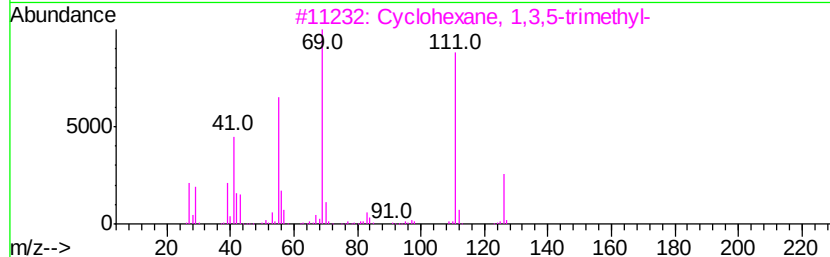
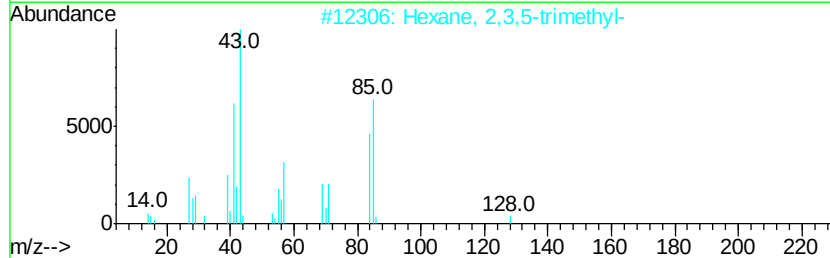
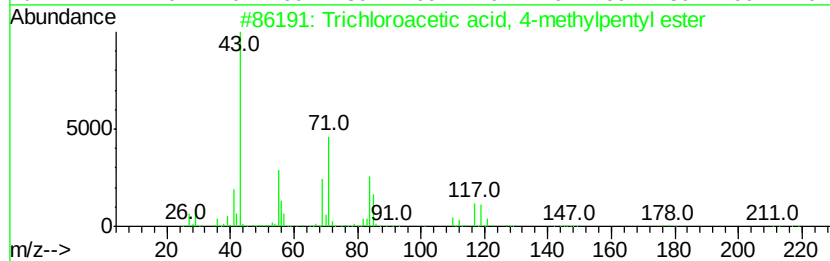
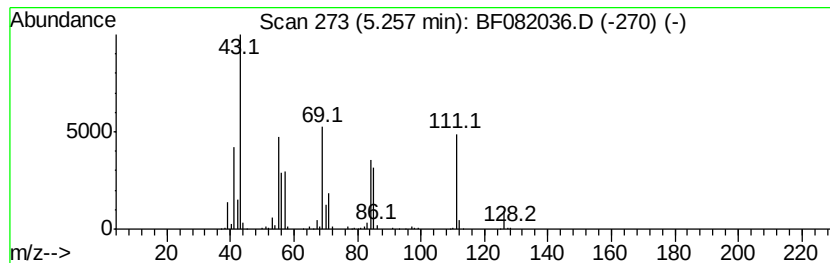
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.26 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	20.48 ng	1853720	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	43
2		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38



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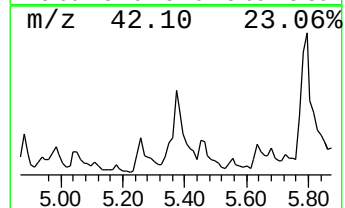
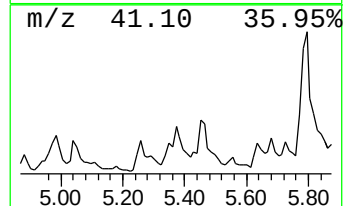
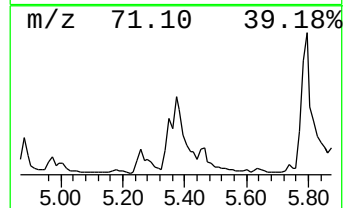
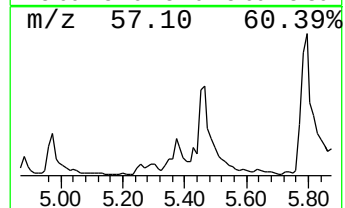
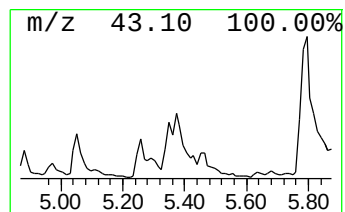
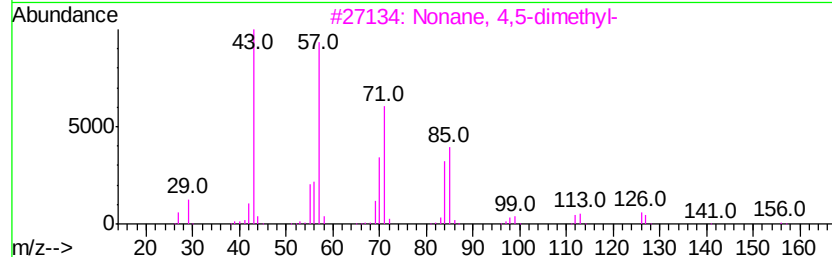
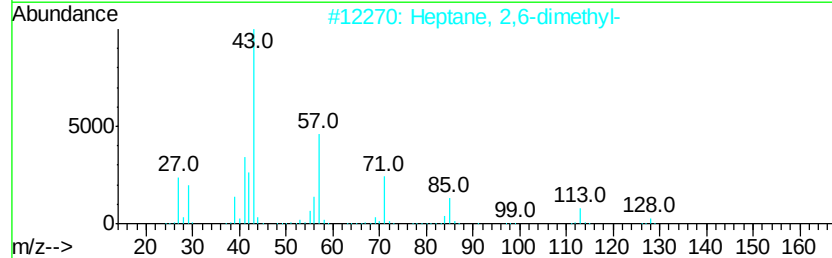
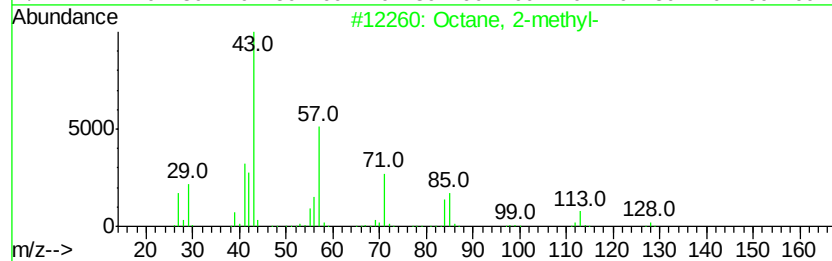
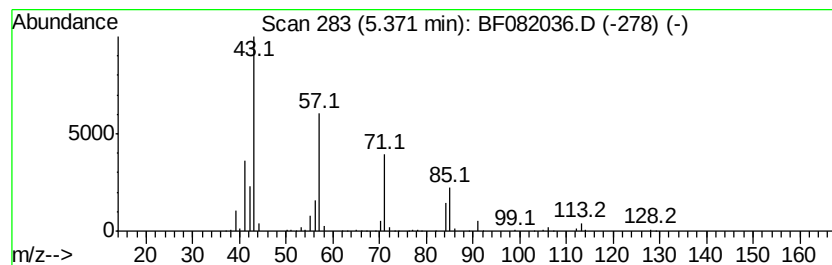
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	36.96 ng	3345820	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	83
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
3		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	78
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

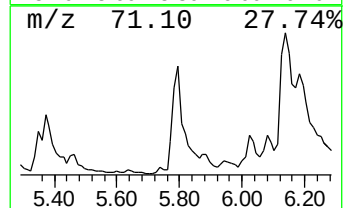
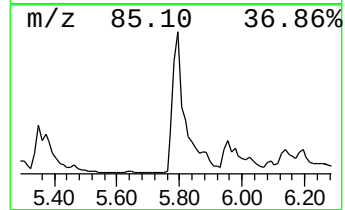
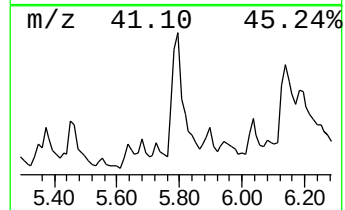
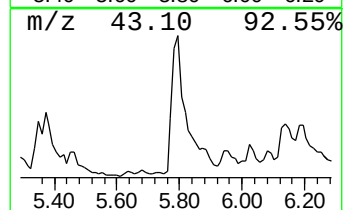
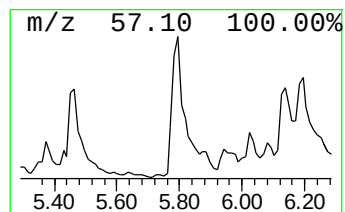
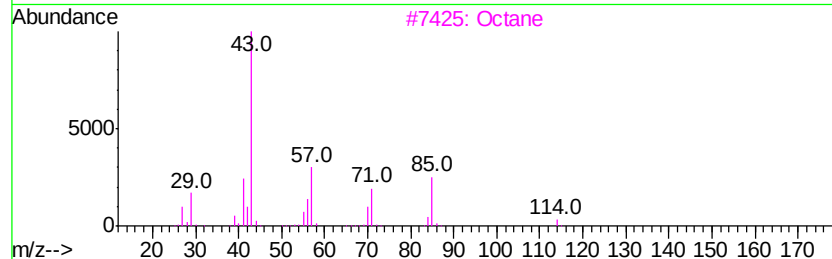
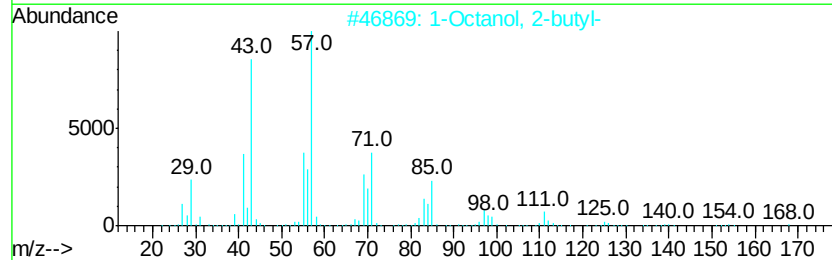
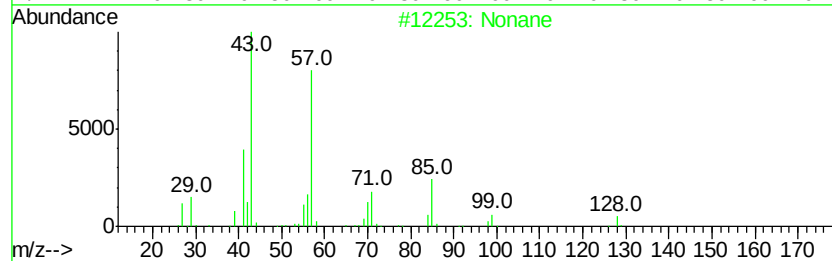
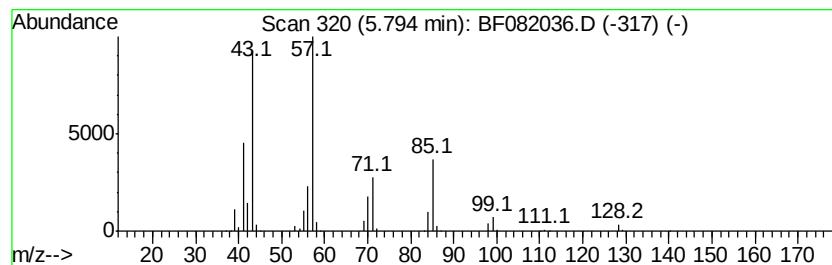
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	84.51 ng	7651320	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	90
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
3		Octane	114	C8H18	000111-65-9	64
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
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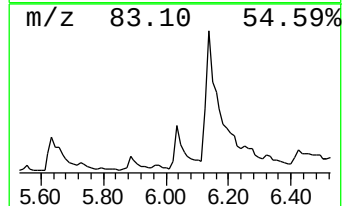
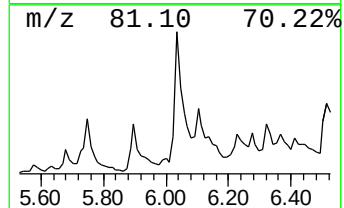
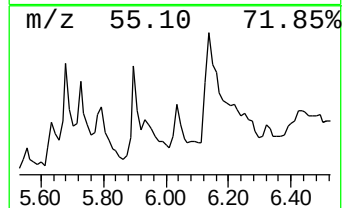
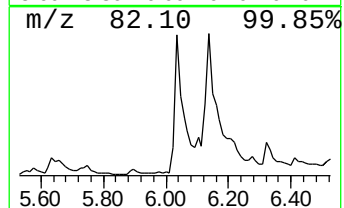
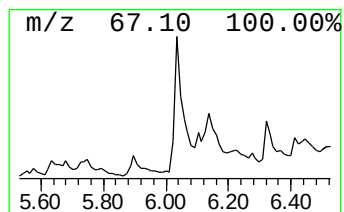
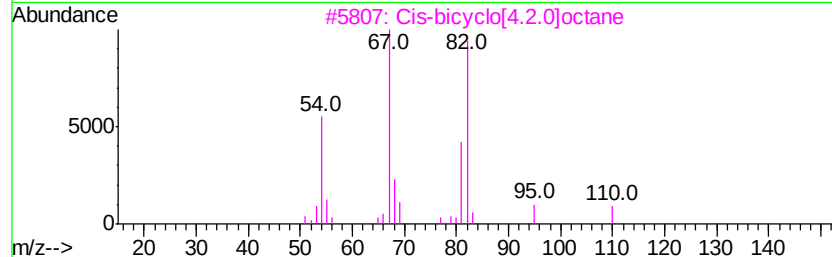
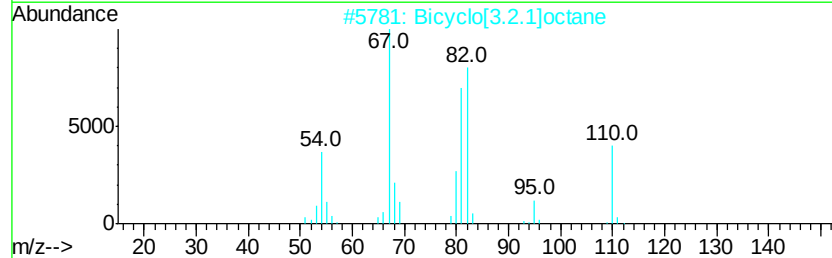
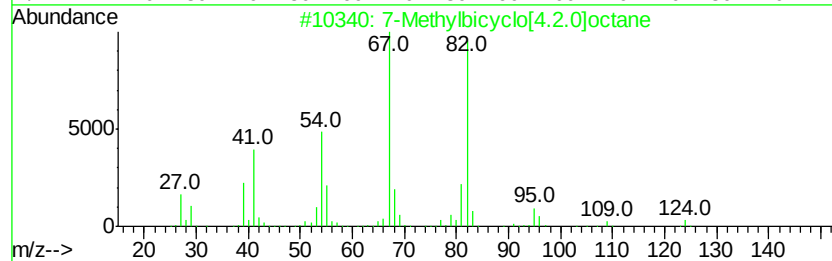
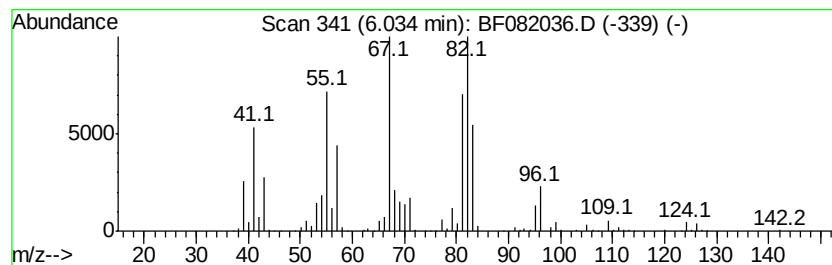
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 7-Methylbicyclo[4.2.0]octane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
6.03	31.58 ng	2859160	1,4-Dichlorobenzene-d4		6.90		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane			124	C9H16	1000210-90-2	68
2	Bicyclo[3.2.1]octane			110	C8H14	006221-55-2	58
3	Cis-bicyclo[4.2.0]octane			110	C8H14	028282-35-1	58
4	1,7-Octadiene			110	C8H14	003710-30-3	47
5	3-Aminocrotononitrile			82	C4H6N2	001118-61-2	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
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Instrument :
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ClientSampleId :
016-TB-13(4-8)

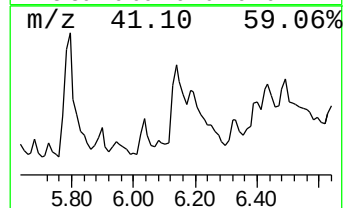
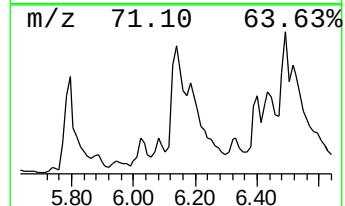
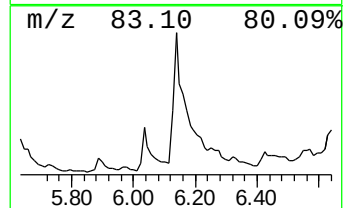
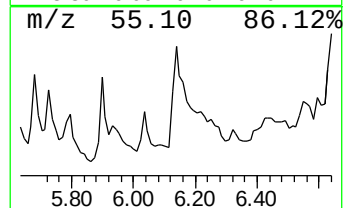
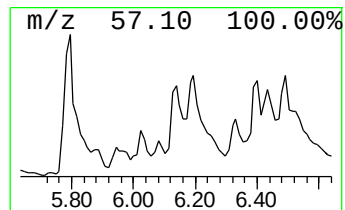
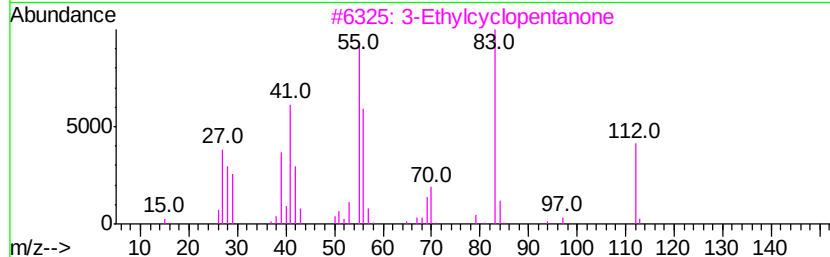
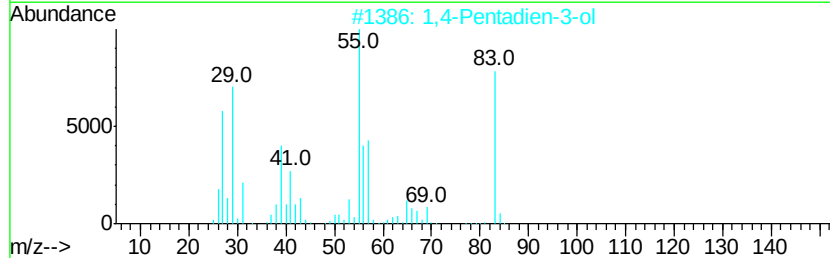
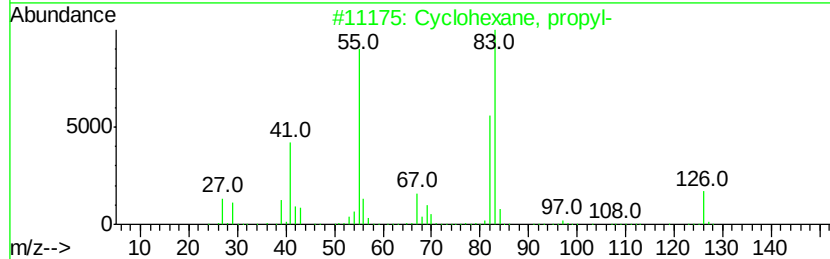
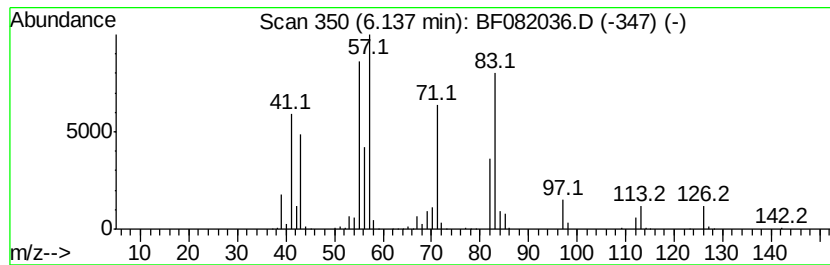
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.14 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	68.84 ng	6232600	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
2		1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	47
3		3-Ethylcyclopentanone	112	C7H12O	010264-55-8	43
4		1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	38
5		3,4-Dimethyl-2-hexene (c,t)	112	C8H16	002213-37-8	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
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Instrument :
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ClientSampleId :
016-TB-13(4-8)

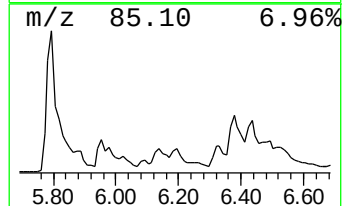
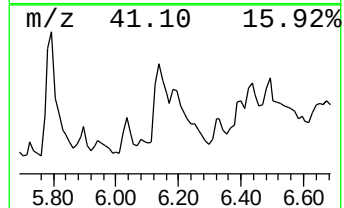
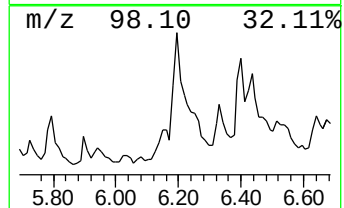
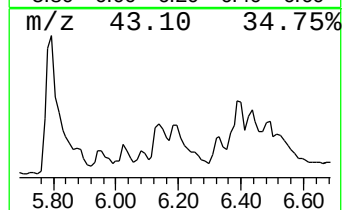
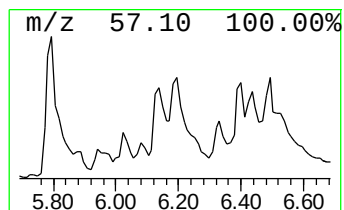
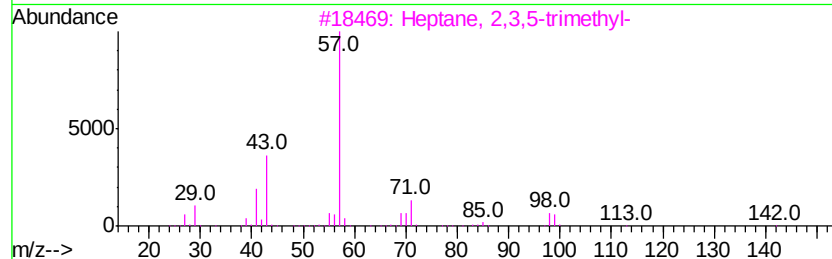
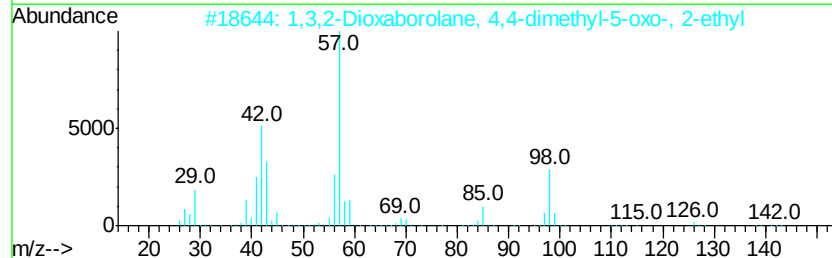
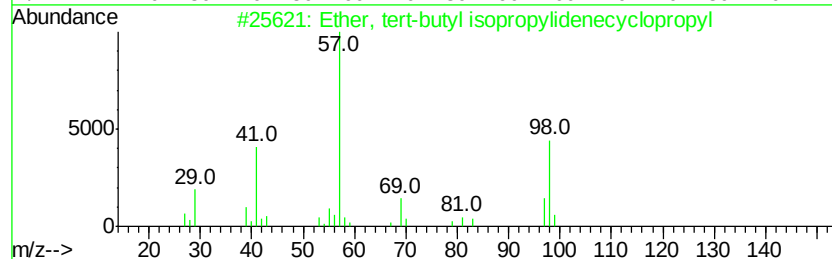
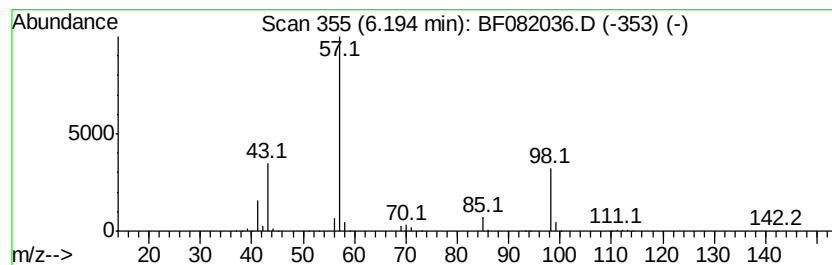
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown6.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	69.59 ng	6300050	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	45
2		1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11B03	1000063-89-2	38
3		Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	28
4		3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	23
5		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082036.D
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Operator : UM/IZ
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ClientSampleId :
016-TB-13(4-8)

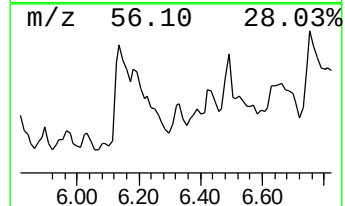
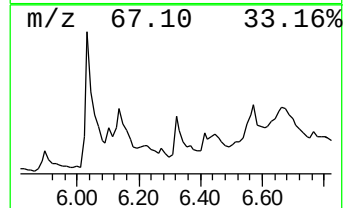
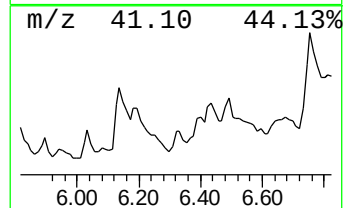
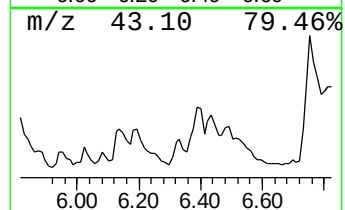
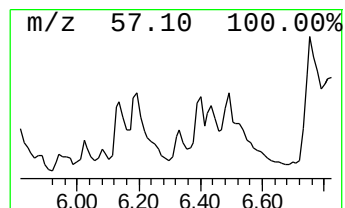
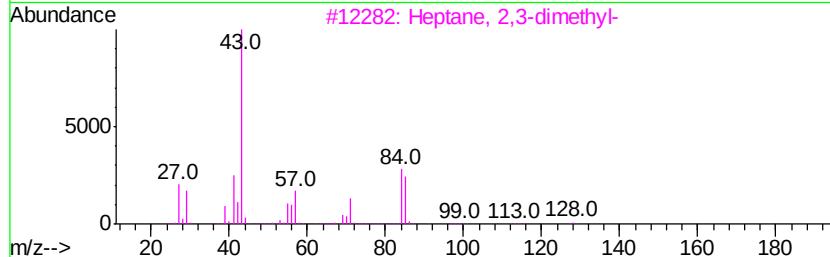
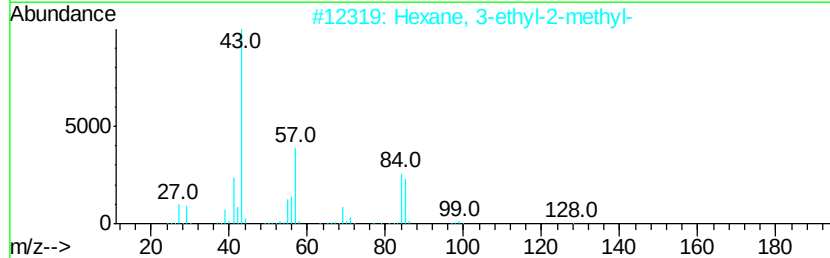
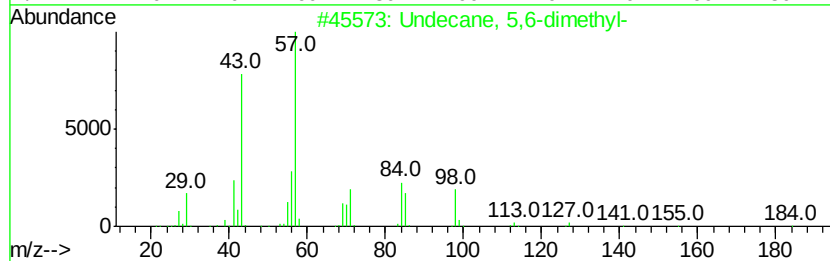
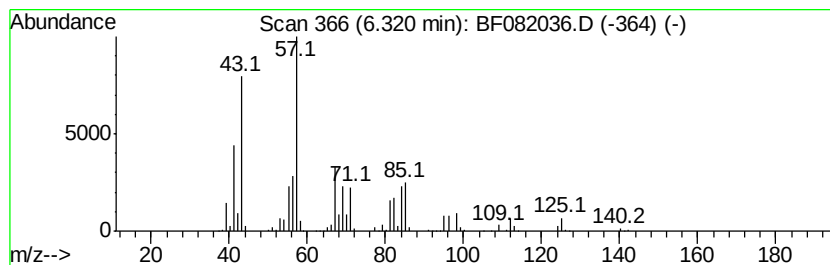
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown6.32 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	28.09 ng	2542960	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
2		Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	46
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
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Misc :
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016-TB-13(4-8)

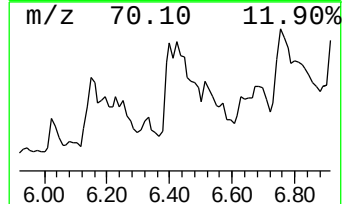
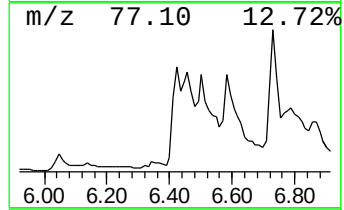
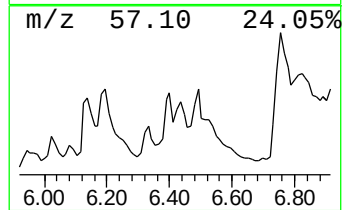
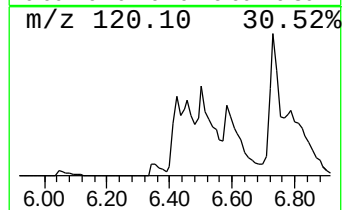
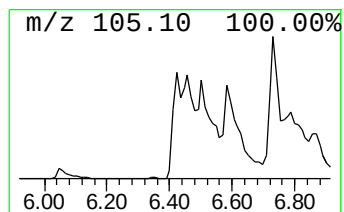
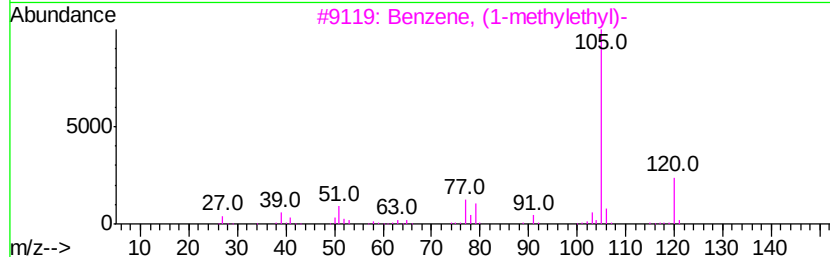
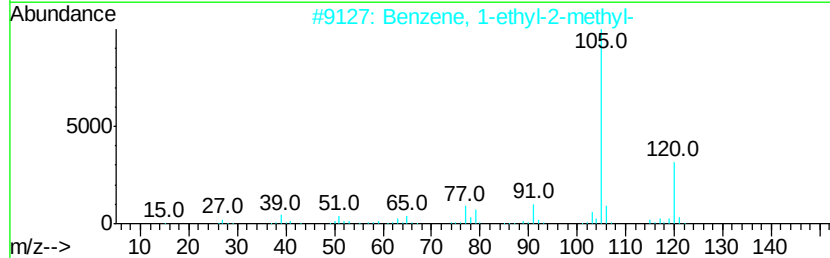
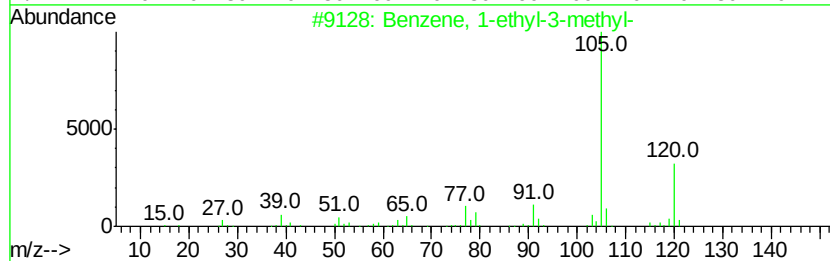
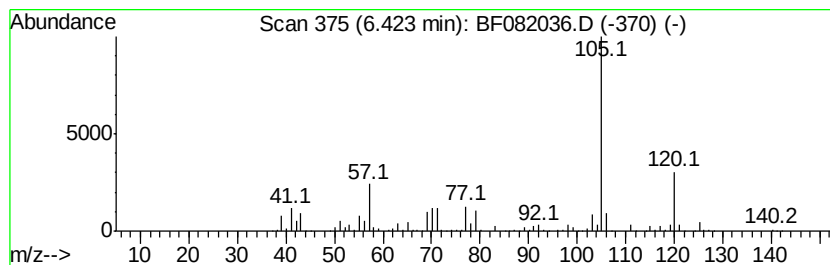
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	140.43 ng	12713400	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
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016-TB-13(4-8)

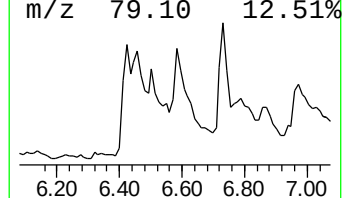
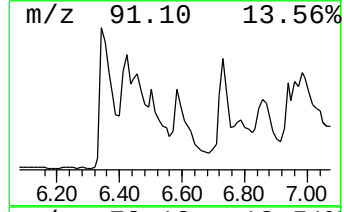
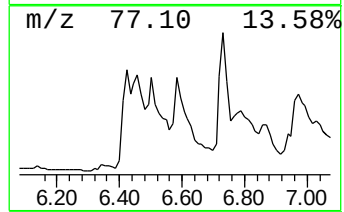
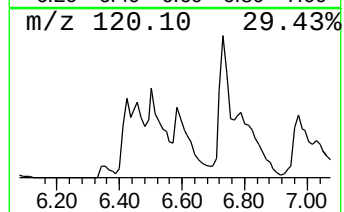
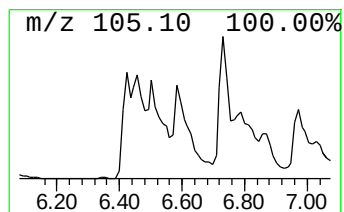
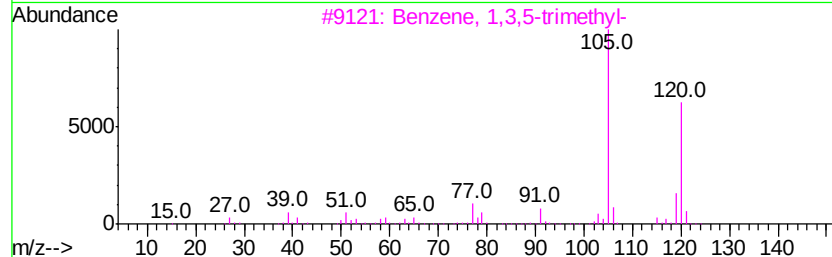
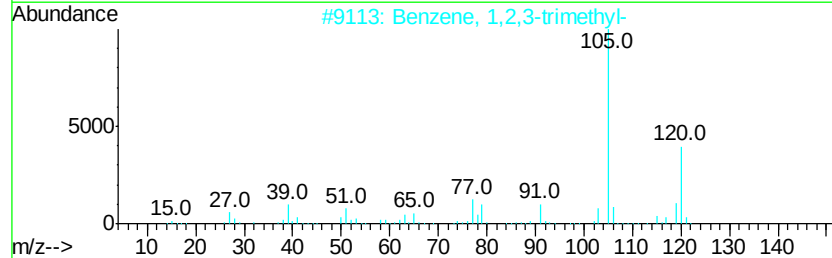
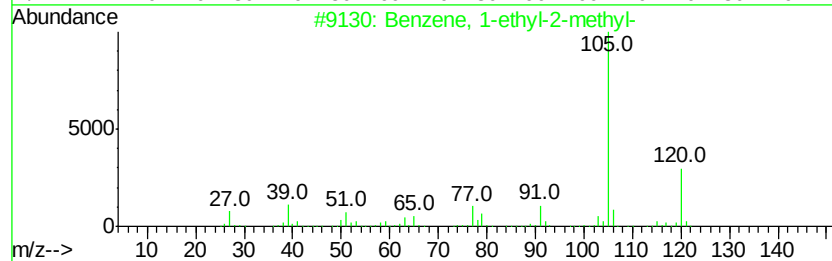
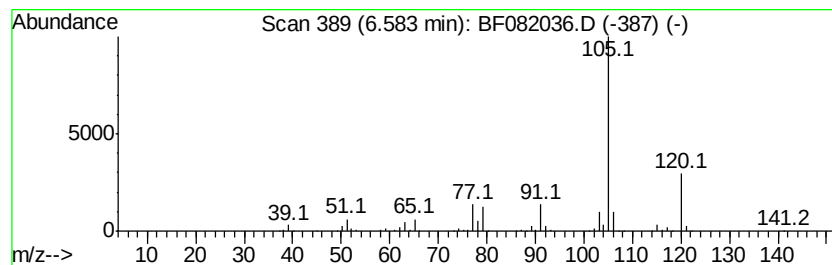
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	17.19 ng	1555880	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
016-TB-13(4-8)

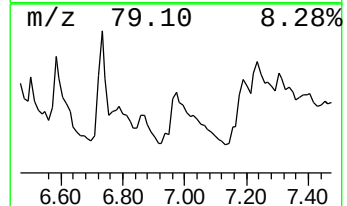
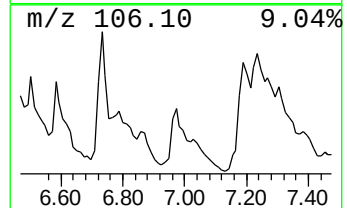
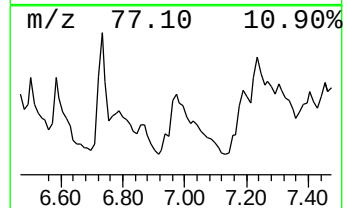
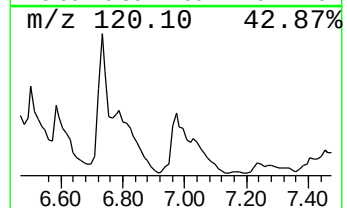
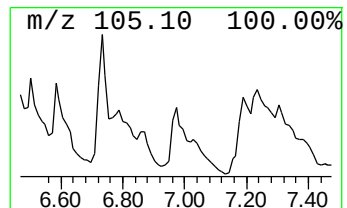
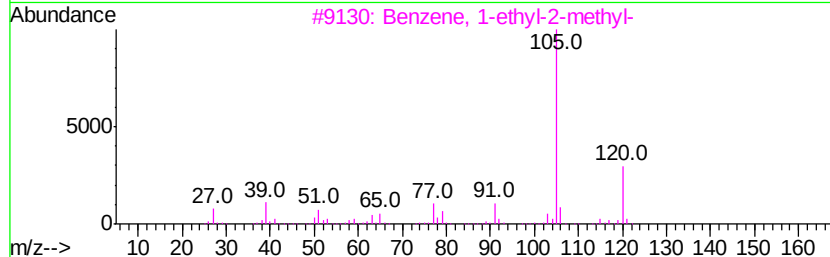
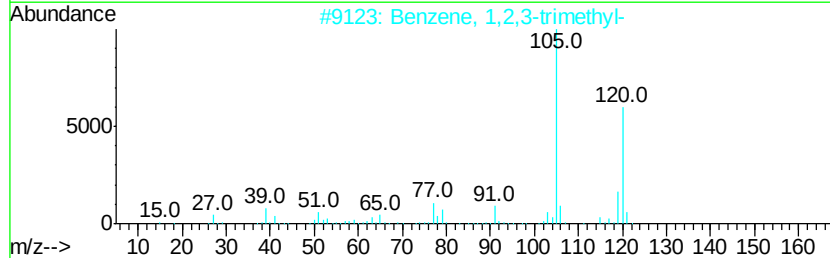
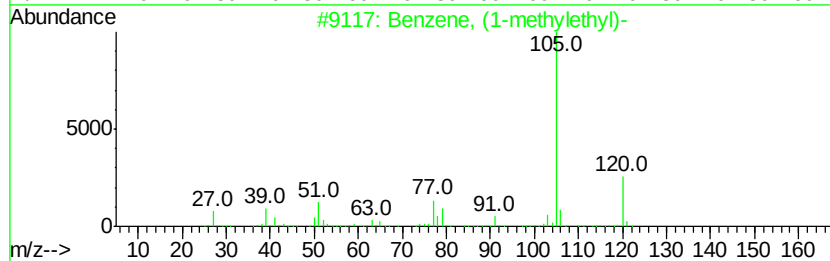
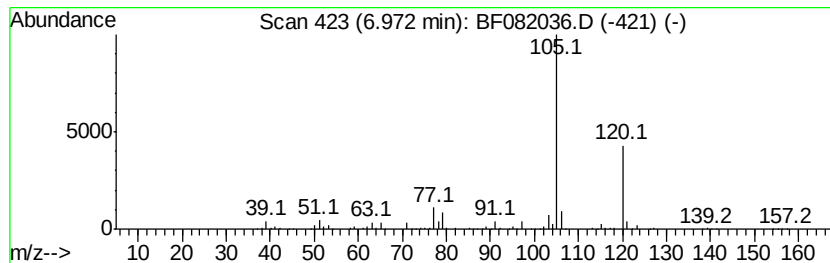
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	44.02 ng	3985370	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
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ClientSampleId :
016-TB-13(4-8)

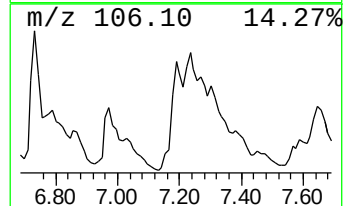
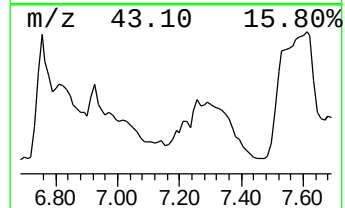
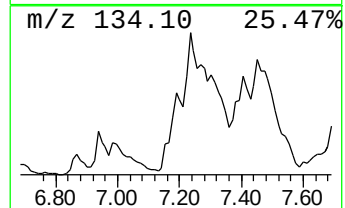
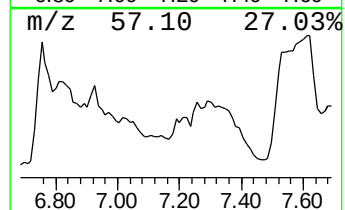
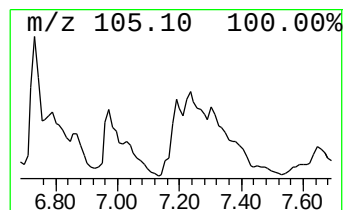
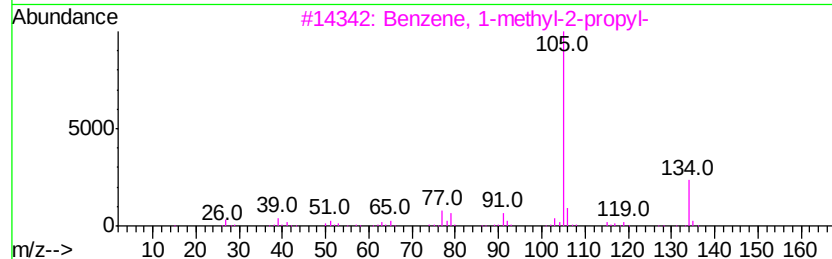
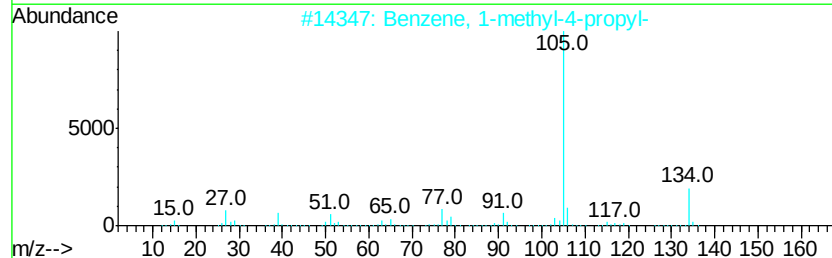
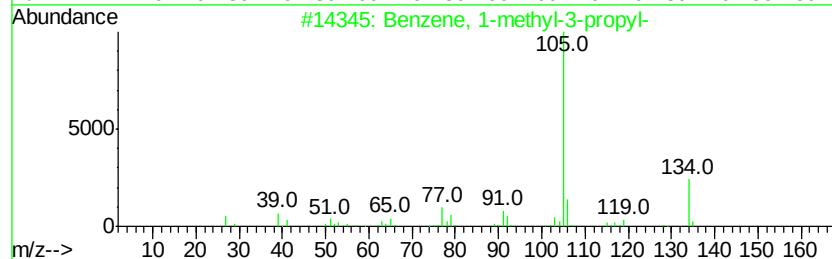
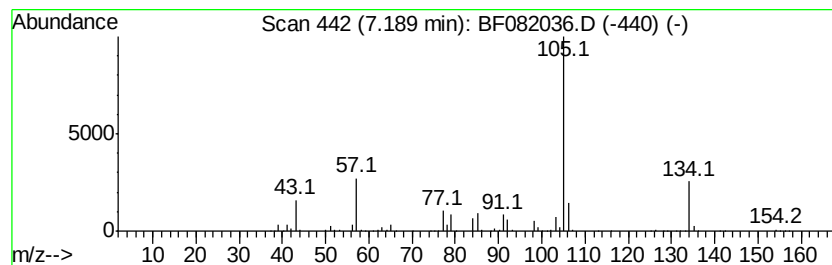
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	20.01 ng	1811140	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4		2-Indanol	134	C9H10O	004254-29-9	64
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

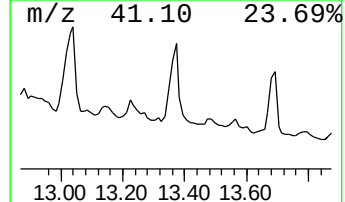
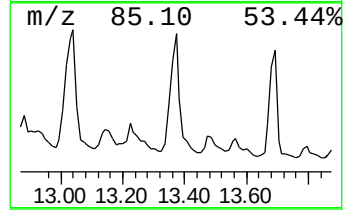
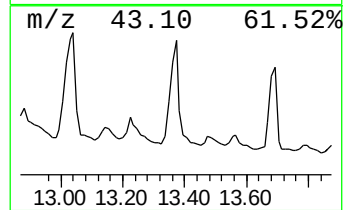
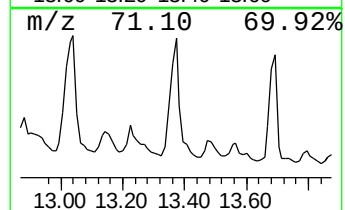
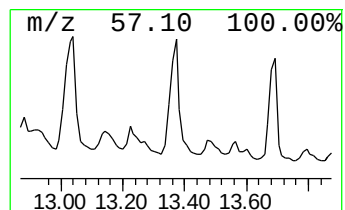
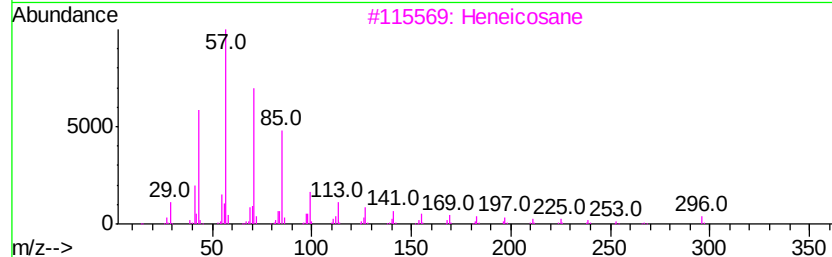
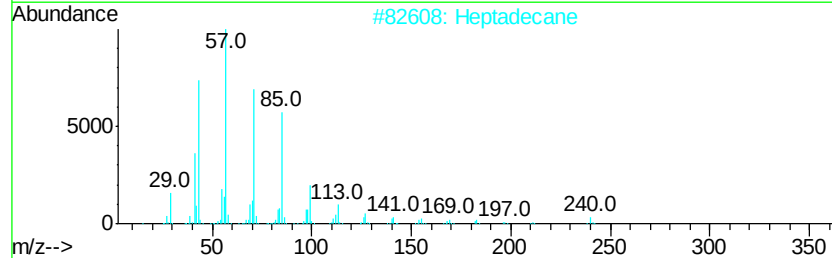
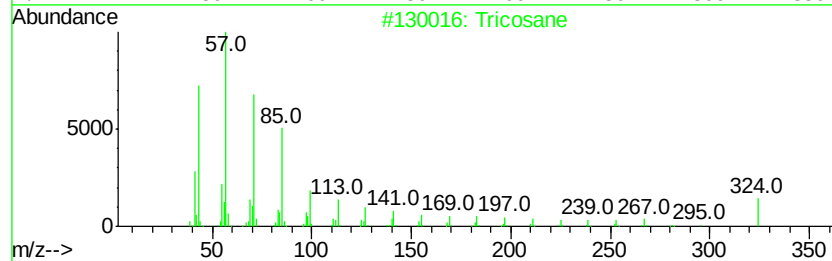
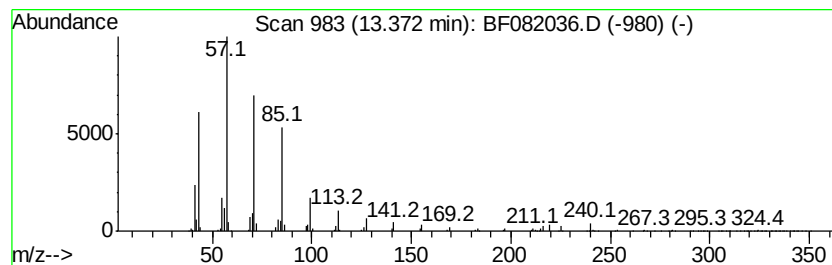
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	52.37 ng	3718170	Chrysene-d12	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tricosane	324 C23H48	000638-67-5	95
2	Heptadecane	240 C17H36	000629-78-7	94
3	Heneicosane	296 C21H44	000629-94-7	91
4	Pentadecane, 8-hexyl-	296 C21H44	013475-75-7	90
5	Eicosane, 10-methyl-	296 C21H44	054833-23-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
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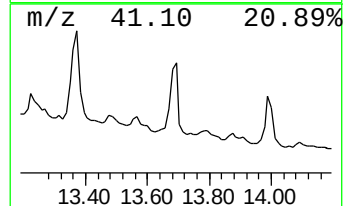
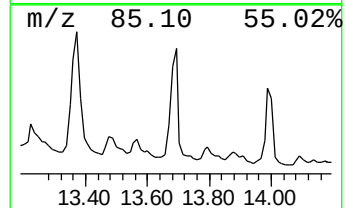
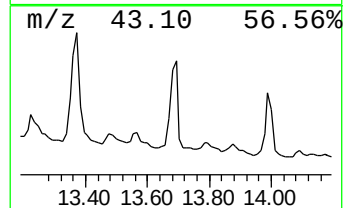
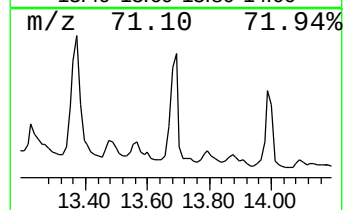
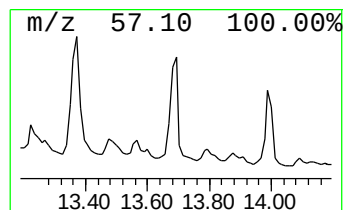
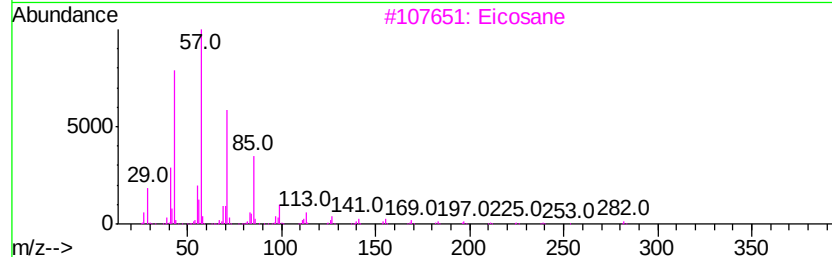
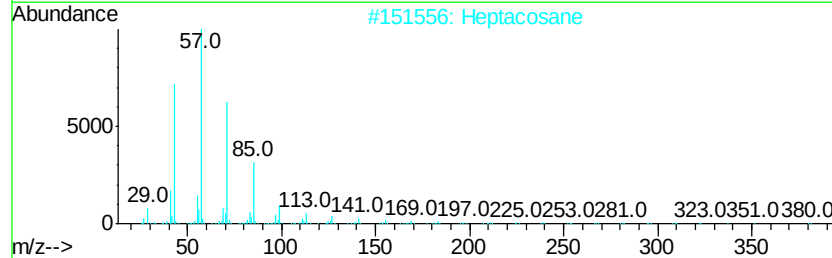
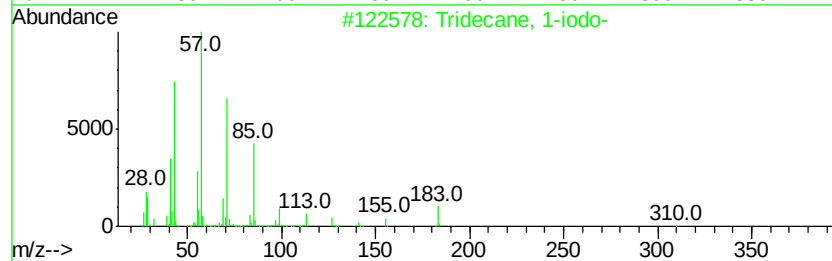
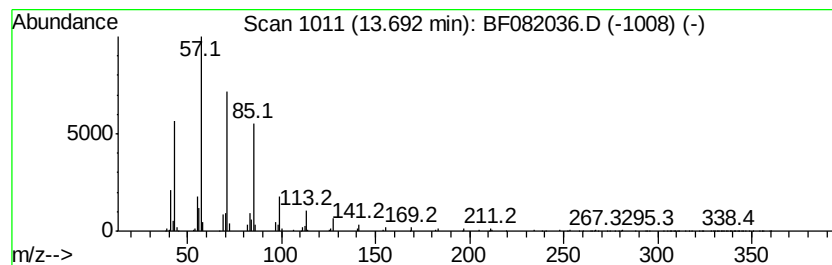
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	53.93 ng	3828830	Chrysene-d12	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 83
2		Heptacosane	380 C27H56	000593-49-7 80
3		Eicosane	282 C20H42	000112-95-8 68
4		Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4 58
5		Hexadecane	226 C16H34	000544-76-3 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
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Instrument :
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ClientSampleId :
016-TB-13(4-8)

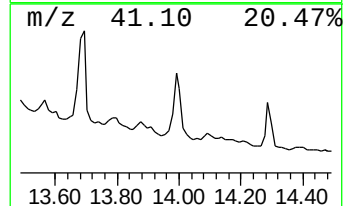
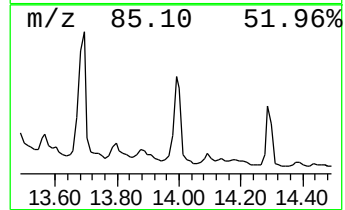
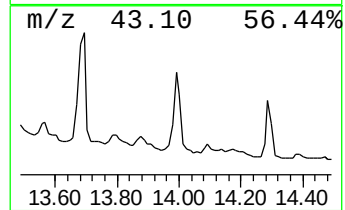
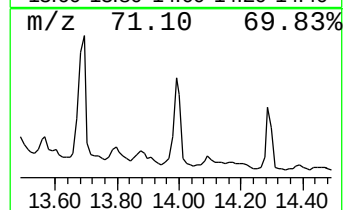
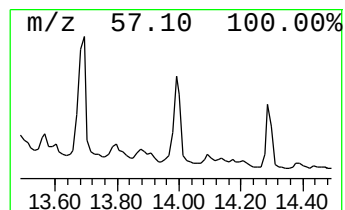
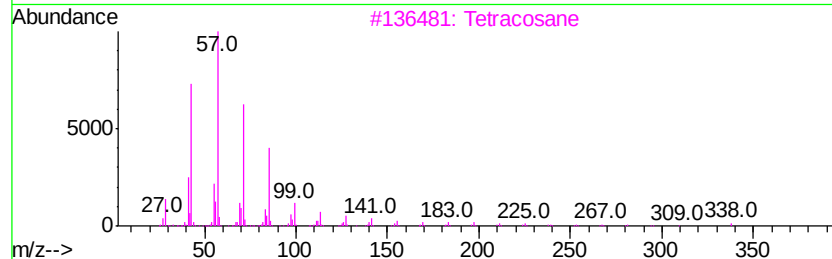
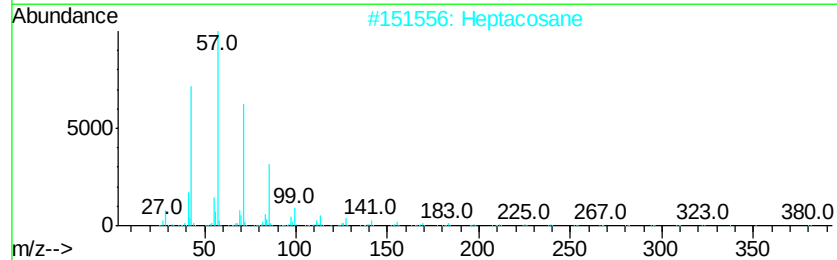
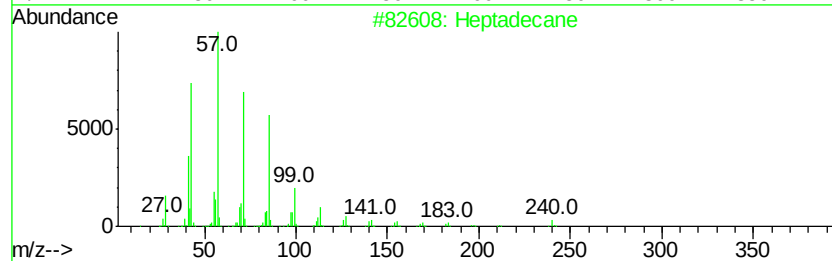
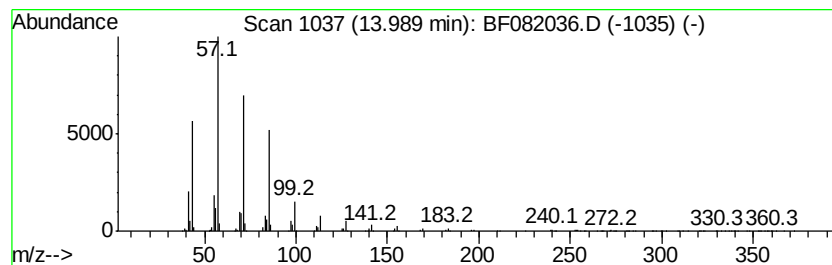
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	38.85 ng	2758160	Chrysene-d12	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetracosane	338	C24H50	000646-31-1	81
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	74
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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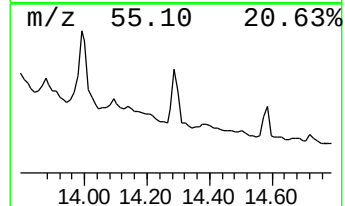
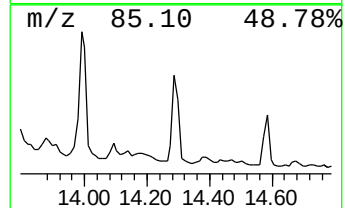
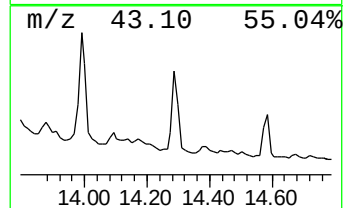
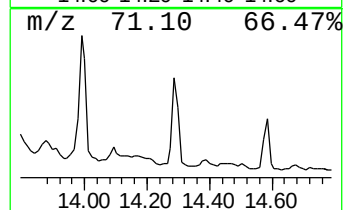
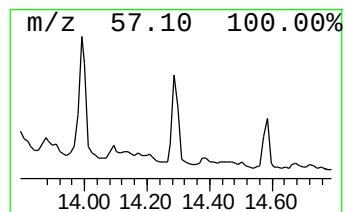
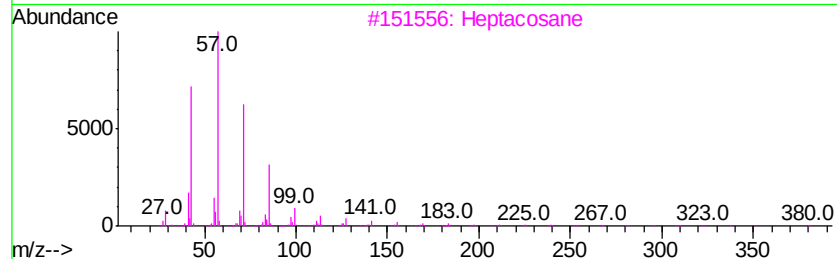
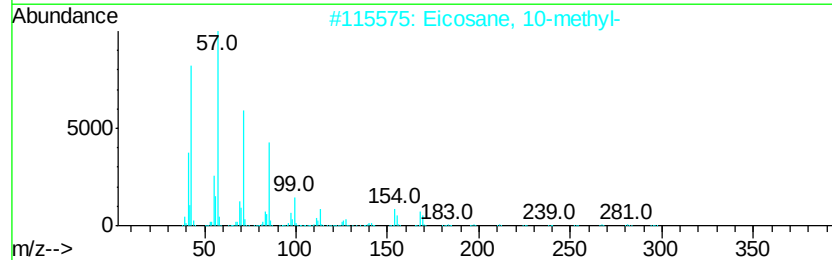
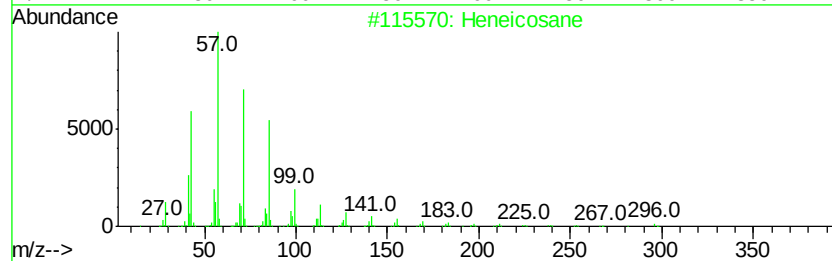
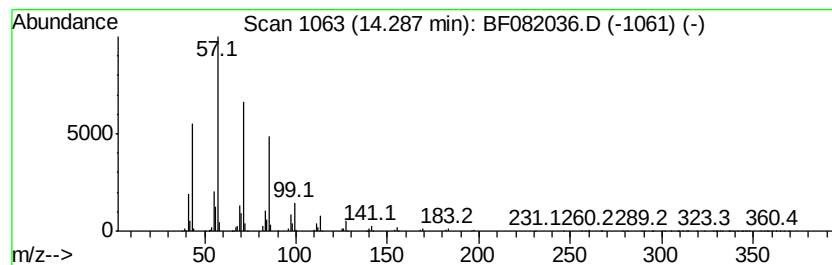
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	20.00 ng	1420050	Chrysene-d12	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane		296 C21H44	000629-94-7 91
2	Eicosane, 10-methyl-		296 C21H44	054833-23-7 90
3	Heptacosane		380 C27H56	000593-49-7 83
4	Dodecane, 1-iodo-		296 C12H25I	004292-19-7 80
5	Hexatriacontane		507 C36H74	000630-06-8 80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082036.D
 Acq On : 3 Oct 2015 22:25
 Operator : UM/IZ
 Sample : G3846-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane	4.42	31.1	ng	2819380	1	6.90	1810650	20.0
Cyclohexane, ethyl-	4.98	31.2	ng	2826960	1	6.90	1810650	20.0
Cyclohexane, 1,1,...	5.04	22.6	ng	2041930	1	6.90	1810650	20.0
unknown5.26	5.26	20.5	ng	1853720	1	6.90	1810650	20.0
Octane, 2-methyl-	5.37	37.0	ng	3345820	1	6.90	1810650	20.0
Nonane	5.79	84.5	ng	7651320	1	6.90	1810650	20.0
7-Methylbicyclo[4...	6.03	31.6	ng	2859160	1	6.90	1810650	20.0
unknown6.14	6.14	68.8	ng	6232600	1	6.90	1810650	20.0
unknown6.19	6.19	69.6	ng	6300050	1	6.90	1810650	20.0
unknown6.32	6.32	28.1	ng	2542960	1	6.90	1810650	20.0
Benzene, 1-ethyl-...	6.42	140.4	ng	12713400	1	6.90	1810650	20.0
Benzene, 1-ethyl-...	6.58	17.2	ng	1555880	1	6.90	1810650	20.0
Benzene, (1-methy...	6.97	44.0	ng	3985370	1	6.90	1810650	20.0
Benzene, 1-methyl...	7.19	20.0	ng	1811140	1	6.90	1810650	20.0
Tricosane	13.37	52.4	ng	3718170	5	14.20	1420050	20.0
Tridecane, 1-iodo-	13.69	53.9	ng	3828830	5	14.20	1420050	20.0
Heptadecane	13.99	38.9	ng	2758160	5	14.20	1420050	20.0
Heneicosane	14.29	20.0	ng	1420050	5	14.20	1420050	20.0