

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083918.D
 Acq On : 18 Dec 2015 17:40
 Operator : UM/SJ
 Sample : G4814-01 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9870

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-BF121815.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	6.110	351	352	356	rBV2	82852	107610	1.31%	0.143%
2	6.304	366	369	372	rBV	66321	117730	1.43%	0.156%
3	6.362	372	374	376	rVV	276529	455629	5.55%	0.604%
4	6.396	376	377	381	rVV2	249468	389230	4.74%	0.516%
5	6.464	381	383	384	rVV	294016	296567	3.61%	0.393%
6	6.487	384	385	389	rVV3	99738	230993	2.81%	0.306%
7	6.556	389	391	393	rVV2	209958	290367	3.54%	0.385%
8	6.613	393	396	397	rVV	147605	259907	3.16%	0.345%
9	6.647	397	399	401	rVV3	186228	358087	4.36%	0.475%
10	6.716	401	405	407	rVV2	1312137	2094932	25.51%	2.778%
11	6.819	410	414	415	rVV2	191602	398991	4.86%	0.529%
12	6.864	415	418	419	rVV	648441	864902	10.53%	1.147%
13	6.899	419	421	422	rVV	746865	993842	12.10%	1.318%
14	6.933	422	424	426	rVV3	351188	708594	8.63%	0.940%
15	6.967	426	427	428	rVV	247790	268503	3.27%	0.356%
16	7.024	428	432	434	rVV2	775456	1855357	22.59%	2.461%
17	7.059	434	435	436	rVV	291939	236738	2.88%	0.314%
18	7.162	440	444	445	rVV	1131632	2366282	28.81%	3.138%
19	7.184	445	446	448	rVV2	795197	1107664	13.49%	1.469%
20	7.219	448	449	451	rVV	1238692	1704360	20.75%	2.260%
21	7.264	451	453	455	rVV	1282271	2103673	25.61%	2.790%
22	7.322	455	458	460	rVV3	763652	1828937	22.27%	2.426%
23	7.413	463	466	469	rVV4	1040529	3248942	39.56%	4.309%
24	7.493	469	473	475	rVV	4296969	8212958	100.00%	10.893%
25	7.527	475	476	478	rVV	990329	1615867	19.67%	2.143%
26	7.596	478	482	484	rVV3	1394341	3875760	47.19%	5.140%
27	7.642	484	486	487	rVV	1068453	1964885	23.92%	2.606%
28	7.687	487	490	492	rVV3	1635299	3689582	44.92%	4.893%
29	7.722	492	493	494	rVV	822835	909873	11.08%	1.207%
30	7.779	494	498	502	rVV5	1315785	5022691	61.16%	6.662%
31	7.847	502	504	506	rVV2	1789337	3577008	43.55%	4.744%
32	7.916	508	510	512	rVV	1873697	3231020	39.34%	4.285%
33	7.962	512	514	515	rVV	1834683	2360197	28.74%	3.130%
34	7.985	515	516	518	rVV2	731897	1213383	14.77%	1.609%

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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

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35	8.030	518	520	522	rVV2	568767	1410820	17.18%	1.871%
36	8.065	522	523	525	rVV	632724	965725	11.76%	1.281%
37	8.099	525	526	527	rVV	604145	811605	9.88%	1.076%
38	8.156	528	531	533	rVV	3981989	5676658	69.12%	7.529%
39	8.225	533	537	538	rVV2	1316155	2203907	26.83%	2.923%
40	8.259	538	540	543	rVV3	514329	1266202	15.42%	1.679%
41	8.316	543	545	547	rVV	309131	577620	7.03%	0.766%
42	8.362	547	549	550	rVV2	216882	367867	4.48%	0.488%
43	8.453	553	557	560	rVV3	395858	778801	9.48%	1.033%
44	8.499	560	561	563	rVV2	159363	184525	2.25%	0.245%
45	8.533	563	564	566	rVB	248889	246717	3.00%	0.327%
46	8.579	566	568	570	rBV	296521	285453	3.48%	0.379%
47	8.750	581	583	585	rVB	375058	313037	3.81%	0.415%
48	9.905	681	684	686	rBV	638755	582440	7.09%	0.772%
49	11.391	811	814	816	rBV	519241	594360	7.24%	0.788%
50	14.019	1042	1044	1047	rBV	582295	651227	7.93%	0.864%
51	15.460	1167	1170	1176	rVB	381970	520625	6.34%	0.690%

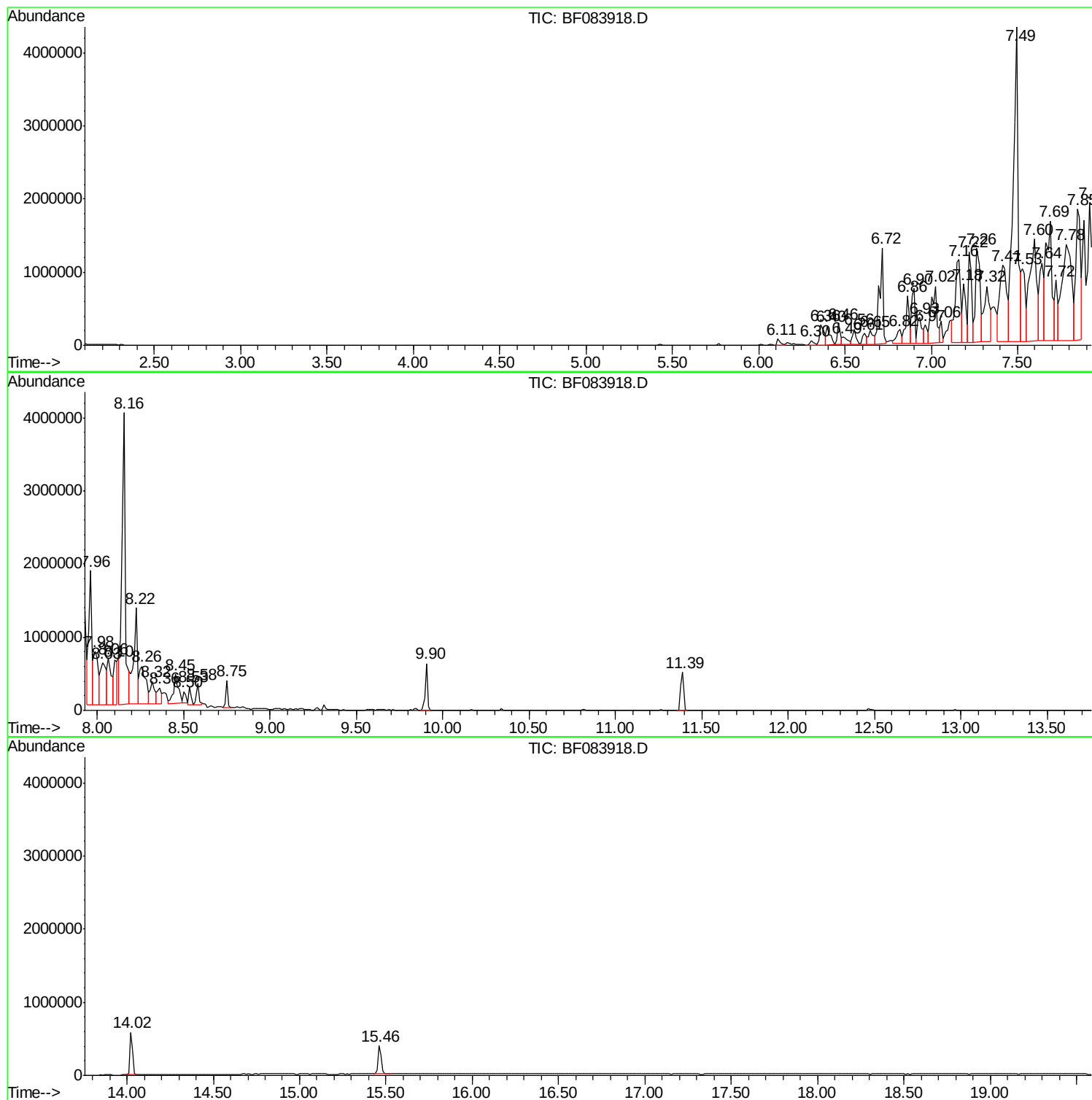
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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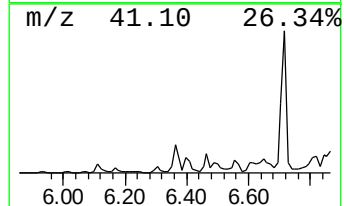
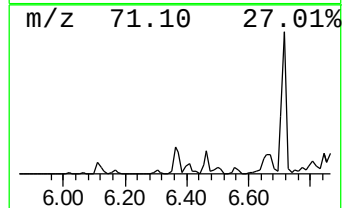
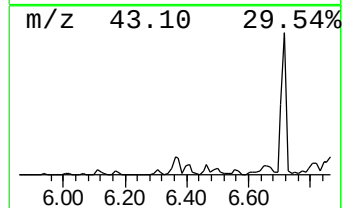
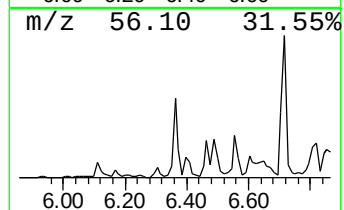
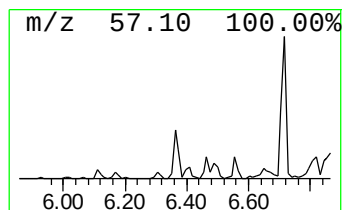
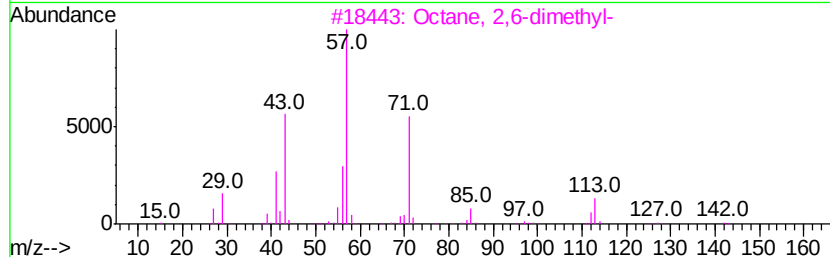
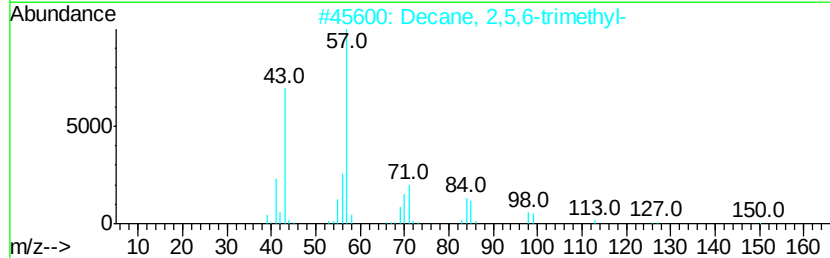
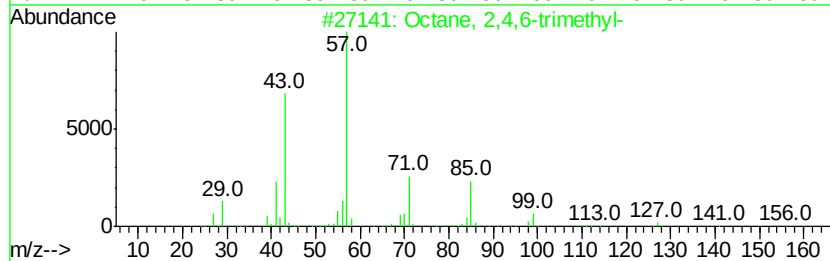
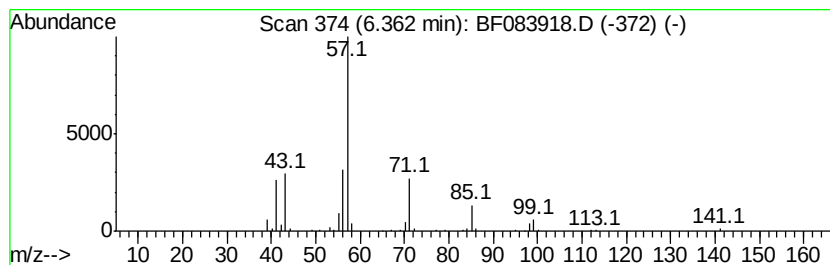
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	10.54 ng	455629	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



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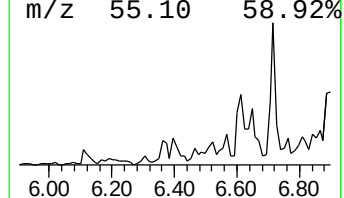
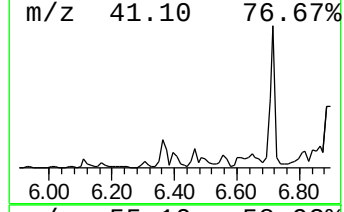
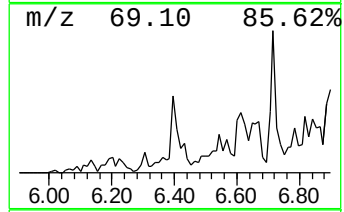
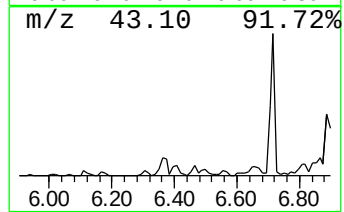
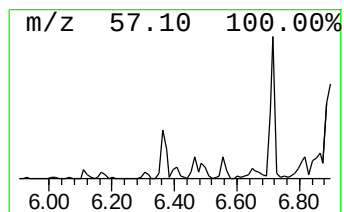
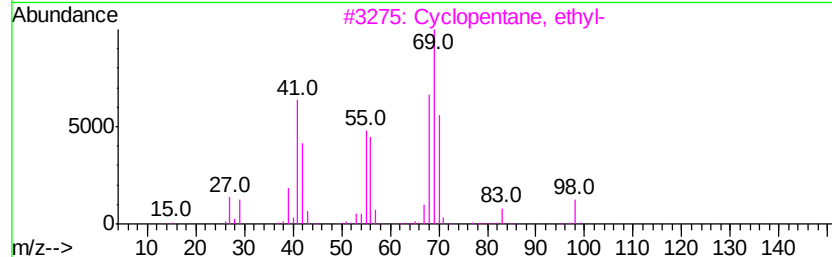
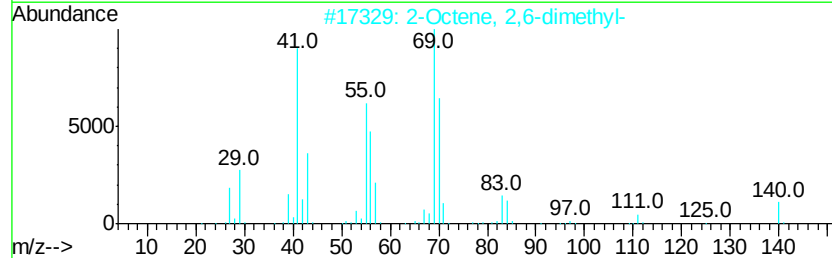
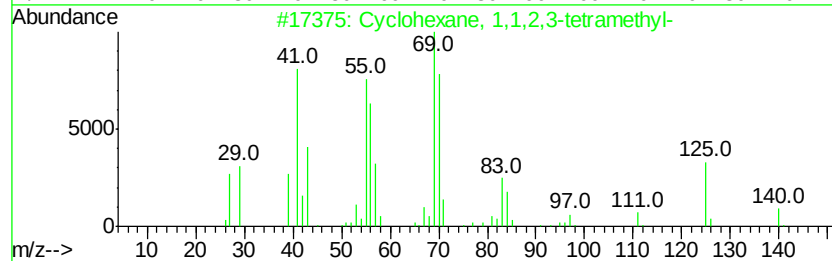
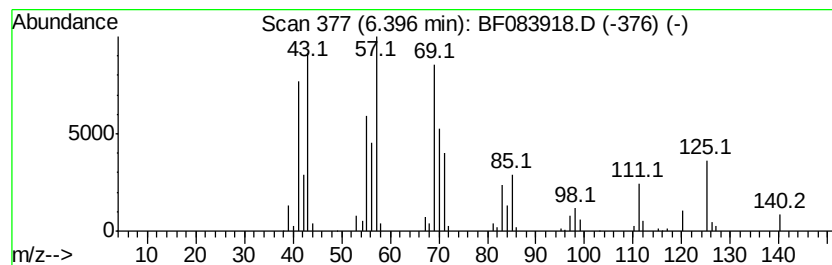
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	9.00 ng	389230	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	92
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3		Cyclopentane, ethyl-	98	C7H14	001640-89-7	49
4		Dichloroacetic acid, decyl ester	268	C12H22Cl2O2	083005-00-9	38
5		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	35



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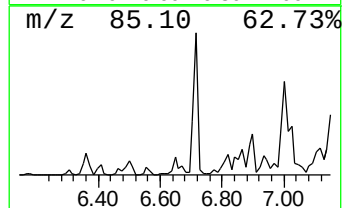
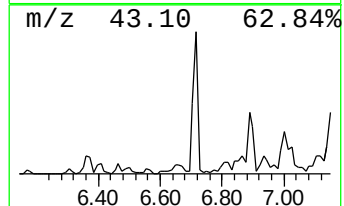
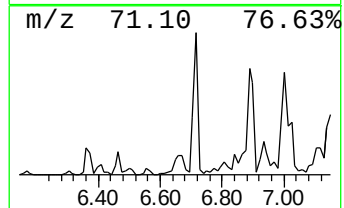
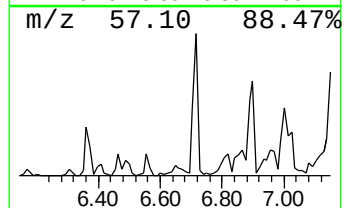
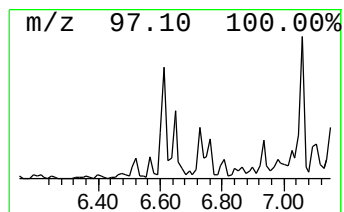
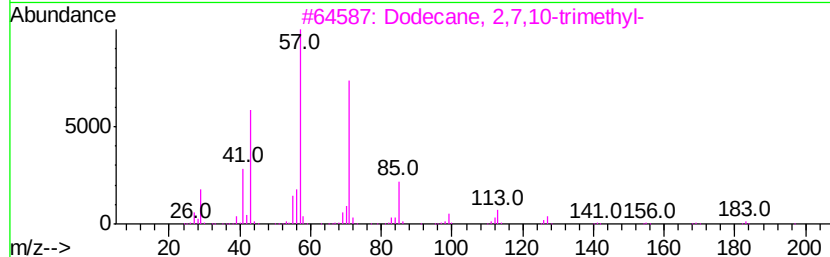
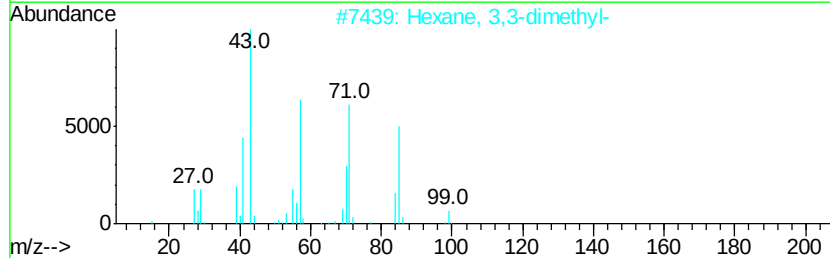
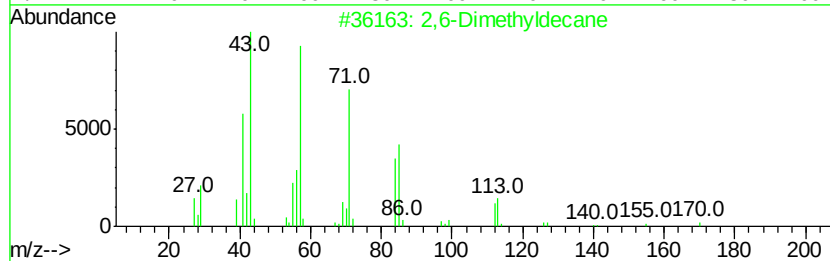
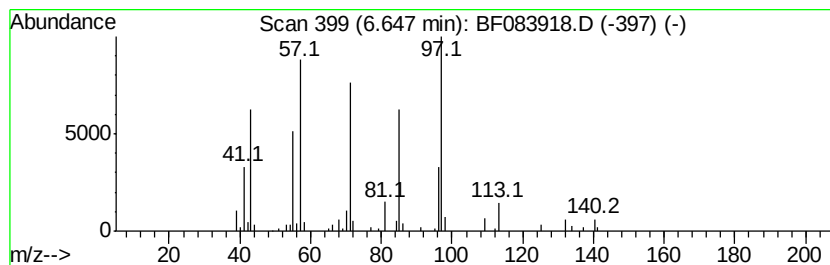
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.65 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	8.28 ng	358087	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane			170	C12H26	013150-81-7	43
2	Hexane, 3,3-dimethyl-			114	C8H18	000563-16-6	38
3	Dodecane, 2,7,10-trimethyl-			212	C15H32	074645-98-0	35
4	Octane, 3-ethyl-2,7-dimethyl-			170	C12H26	062183-55-5	35
5	5-Octen-4-one, 7-methyl-			140	C9H16O	032064-78-1	35



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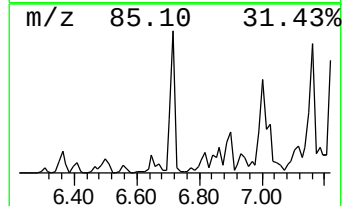
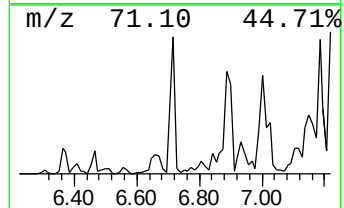
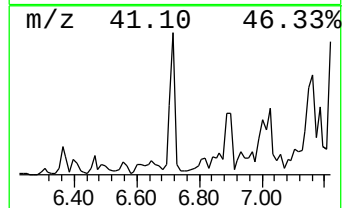
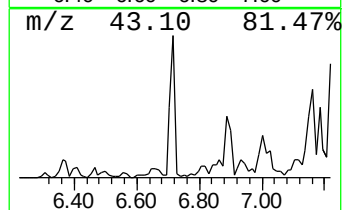
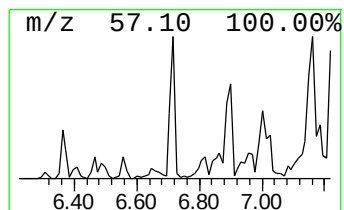
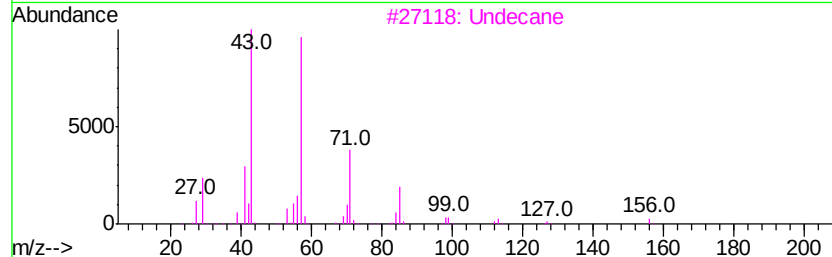
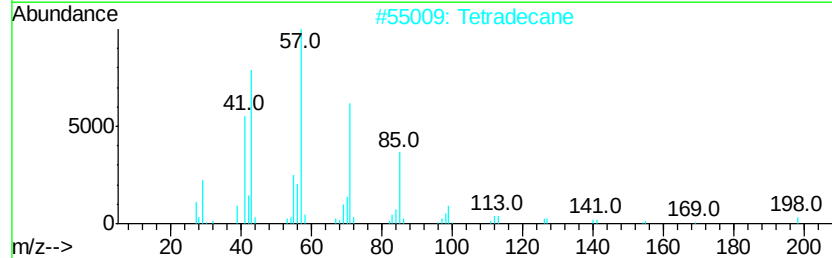
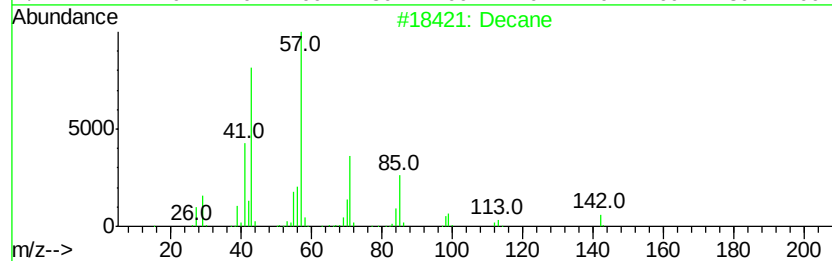
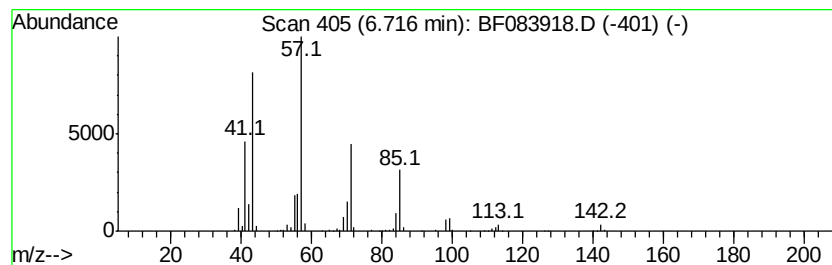
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	48.44 ng	2094930	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	95
2	Tetradecane		198	C14H30	000629-59-4	90
3	Undecane		156	C11H24	001120-21-4	83
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	72
5	Hexadecane		226	C16H34	000544-76-3	64



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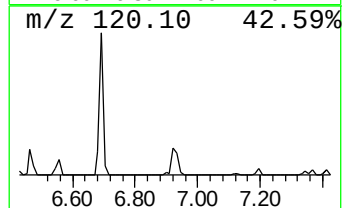
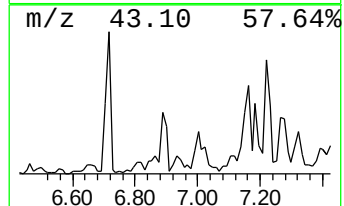
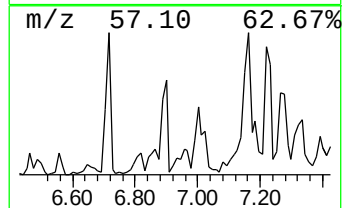
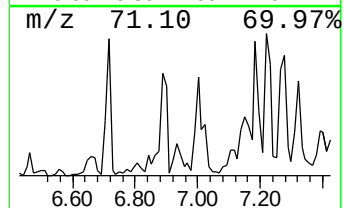
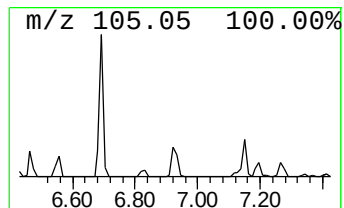
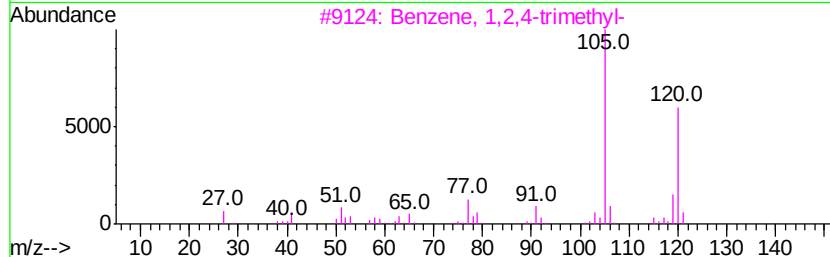
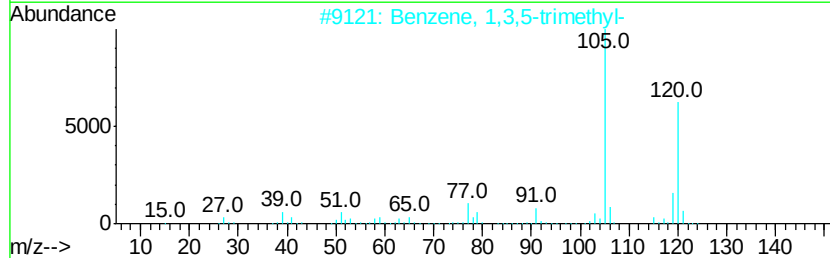
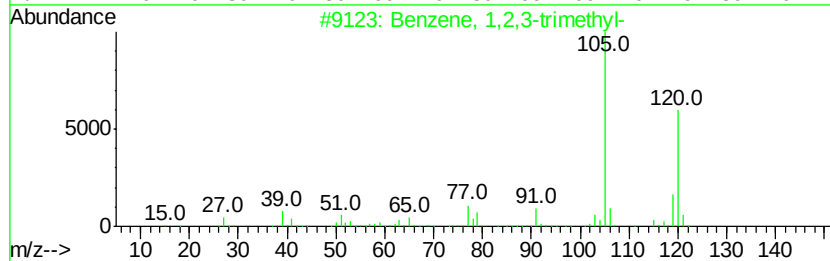
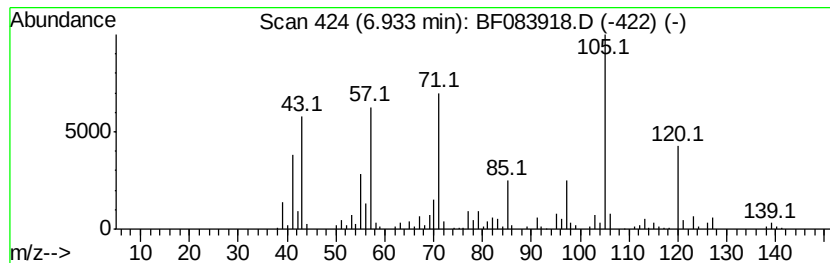
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	16.39 ng	708594	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	42
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	38
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
Operator : UM/SJ
Sample : G4814-01 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
LAR-9870

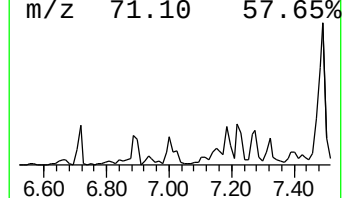
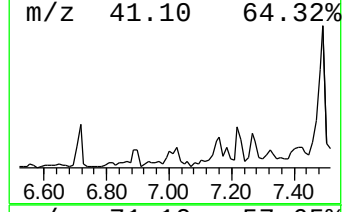
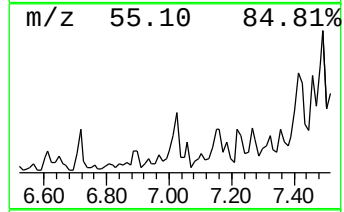
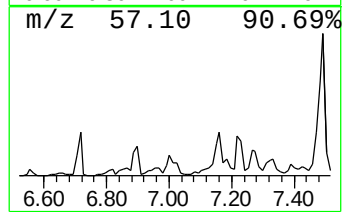
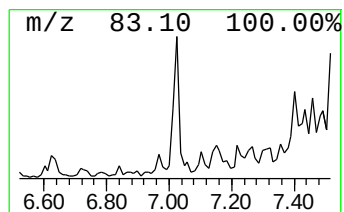
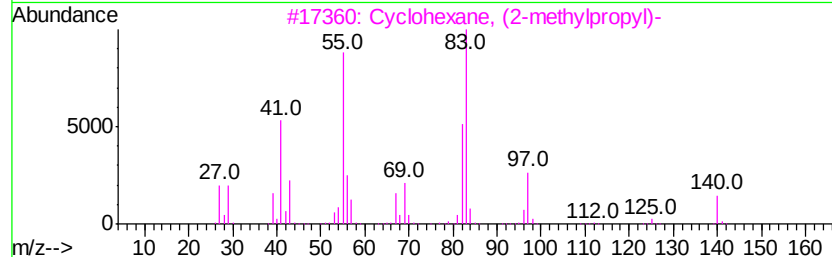
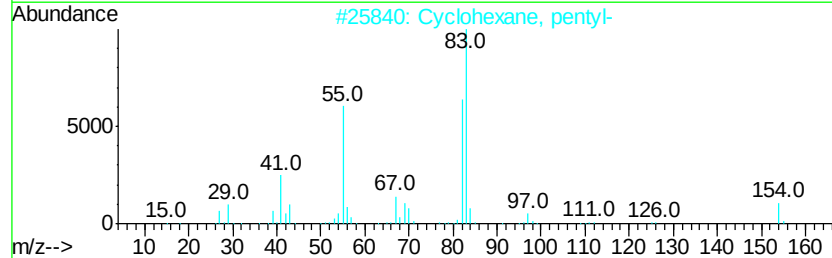
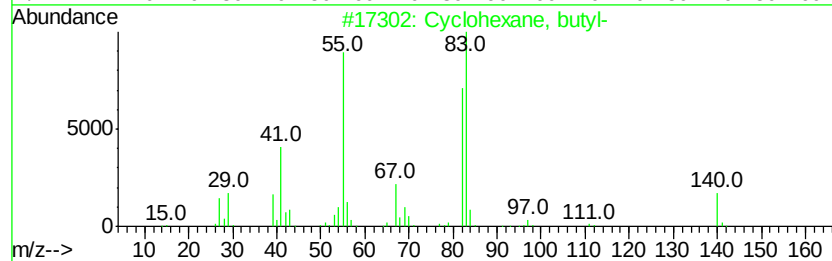
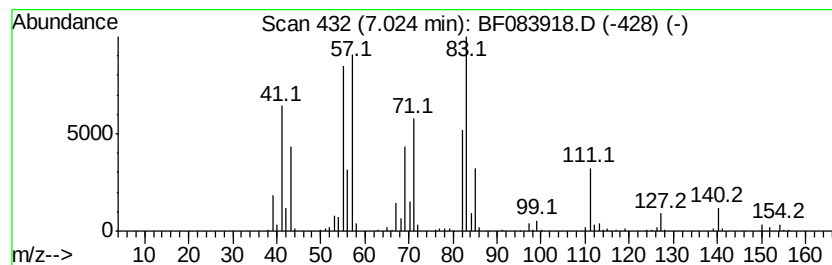
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	42.90 ng	1855360	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
4		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	46
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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ClientSampleId :
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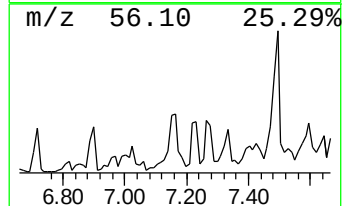
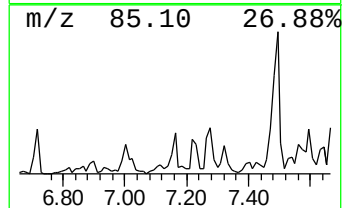
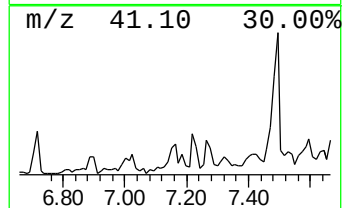
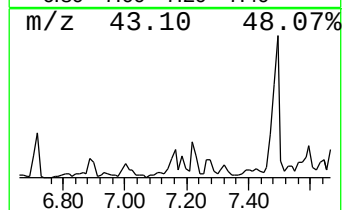
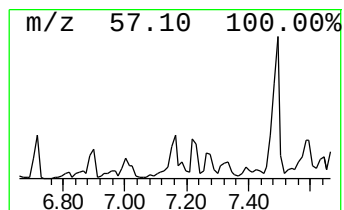
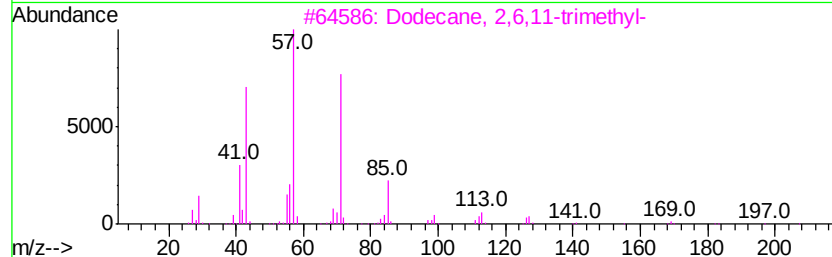
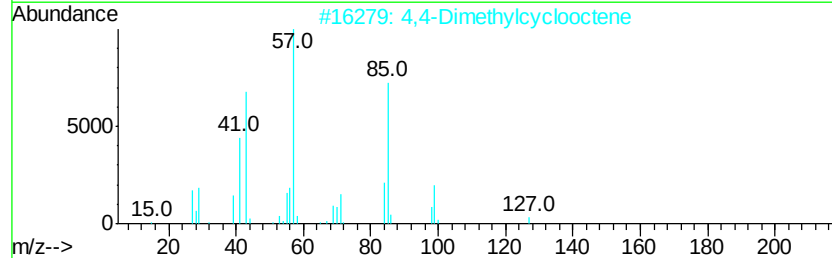
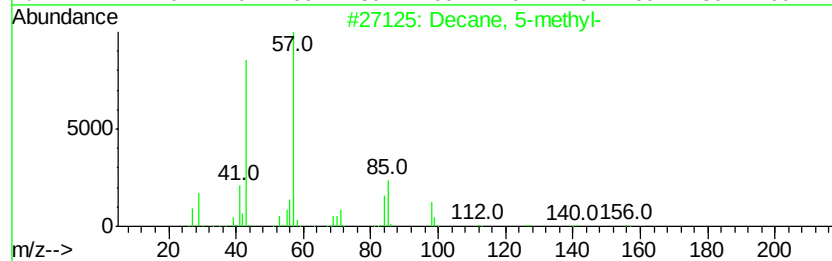
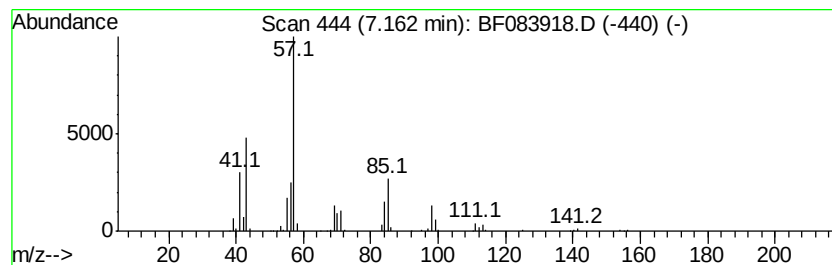
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	54.72 ng	2366280	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	64
2	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	53
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
4	Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	50
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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ClientSampleId :
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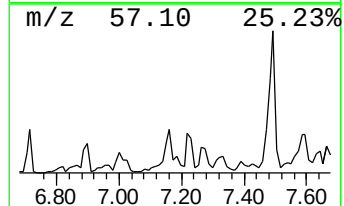
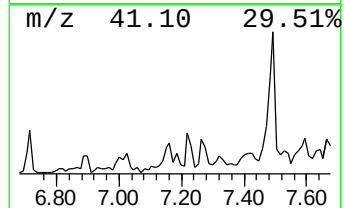
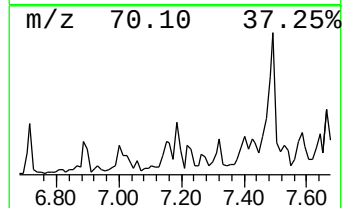
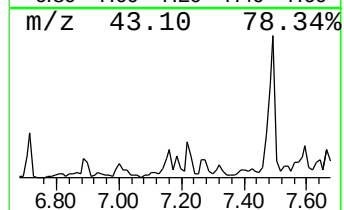
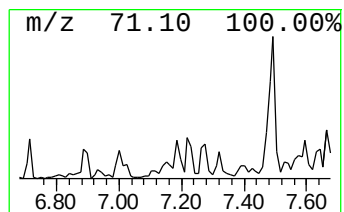
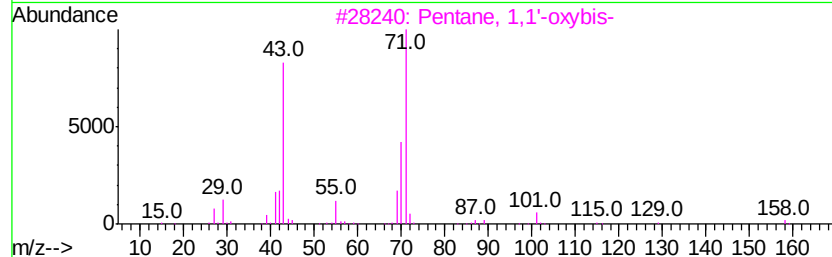
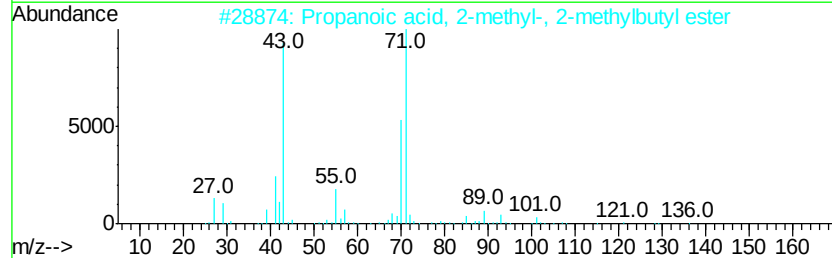
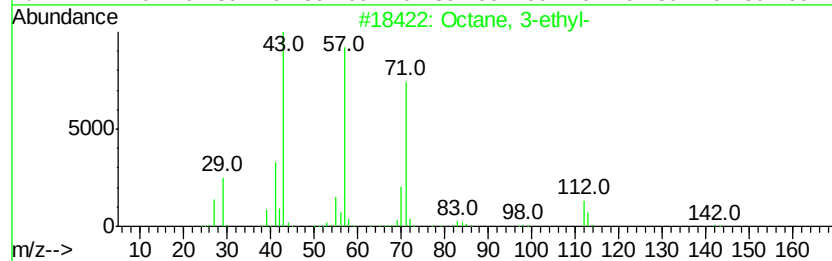
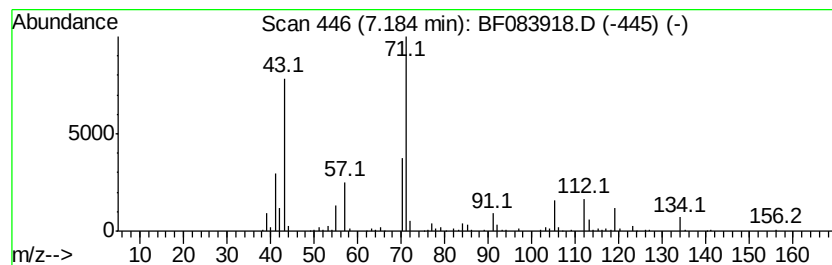
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	25.61 ng	1107660	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-ethyl-	142	C10H22	005881-17-4	64
2		Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	53
3		Pentane, 1,1'-oxybis-	158	C10H22O	000693-65-2	50
4		3-Hexanone, 4,4-dimethyl-	128	C8H16O	019550-14-2	50
5		Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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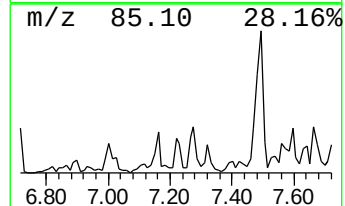
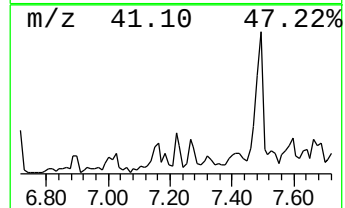
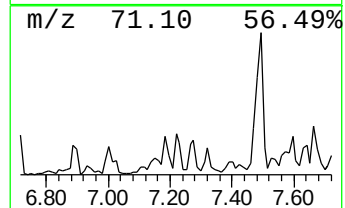
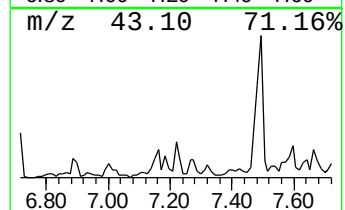
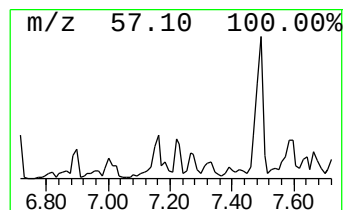
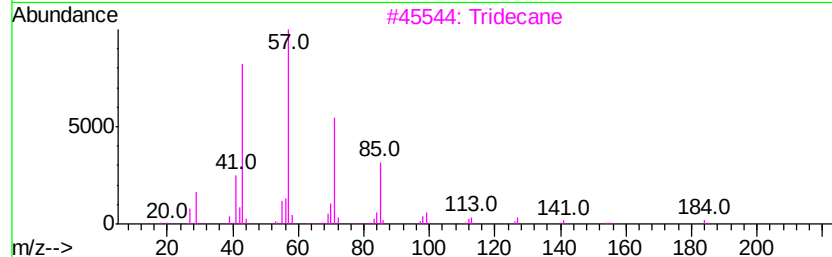
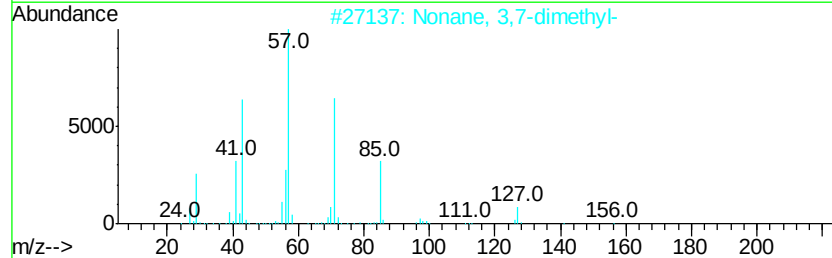
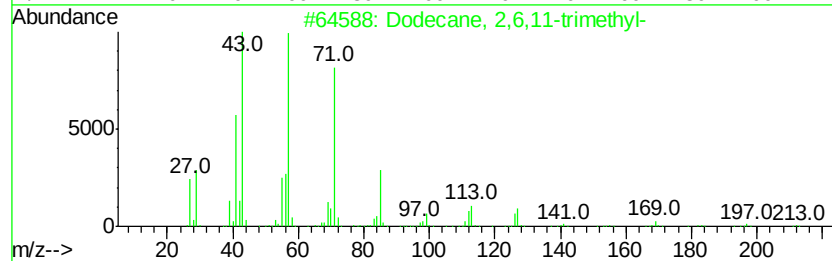
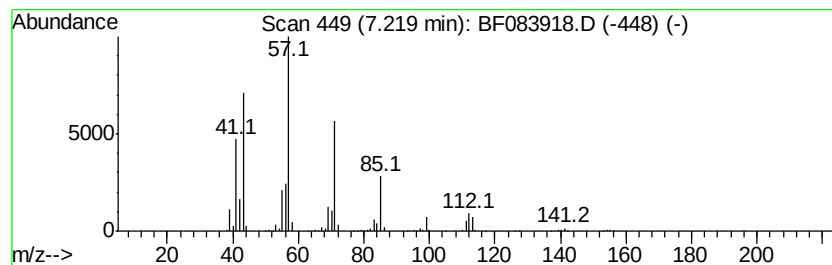
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	39.41 ng	1704360	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
3		Tridecane	184	C13H28	000629-50-5	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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Acq On : 18 Dec 2015 17:40
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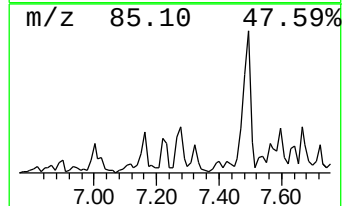
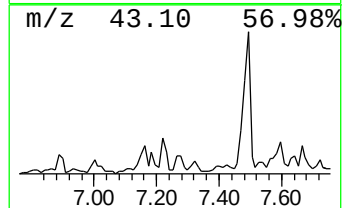
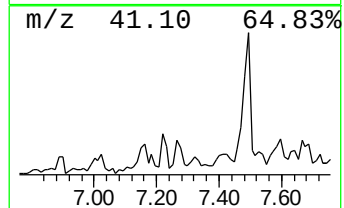
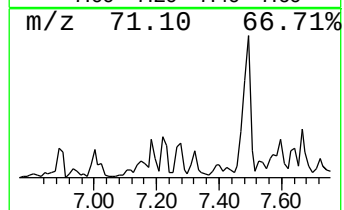
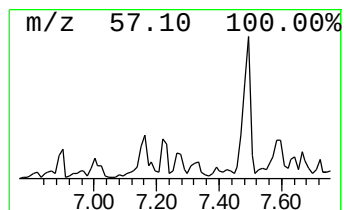
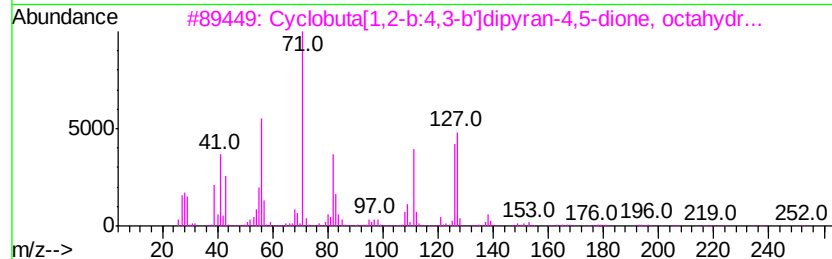
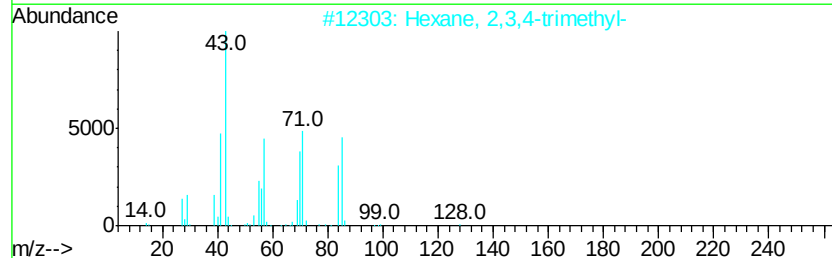
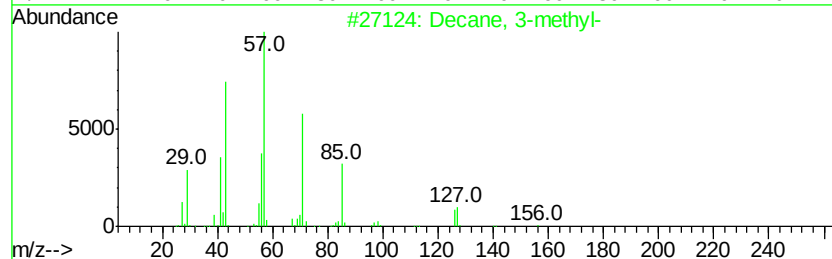
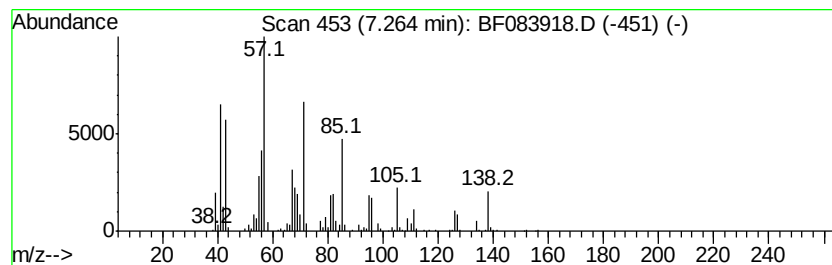
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	48.65 ng	2103670	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	50
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
3		Cyclobuta[1,2-b:4,3-b']dipyrans-4...	252	C14H20O4	054637-09-1	35
4		10-Methylnonadecane	282	C20H42	056862-62-5	35
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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Acq On : 18 Dec 2015 17:40
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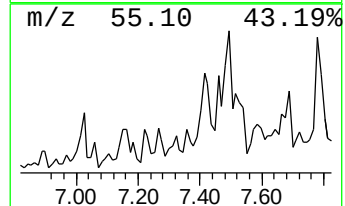
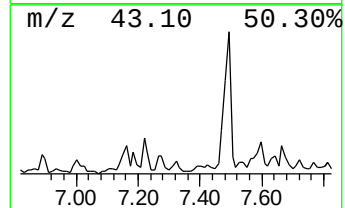
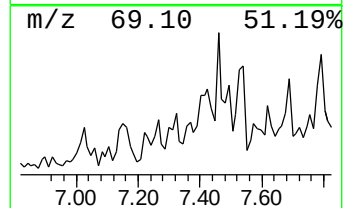
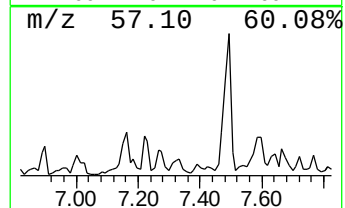
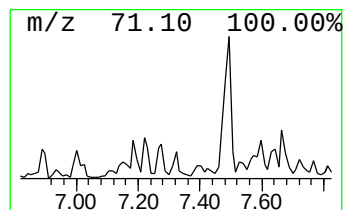
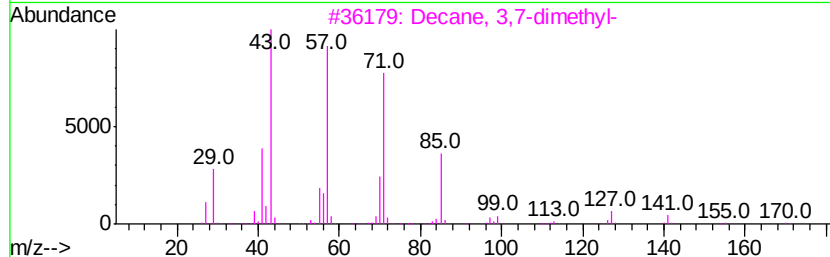
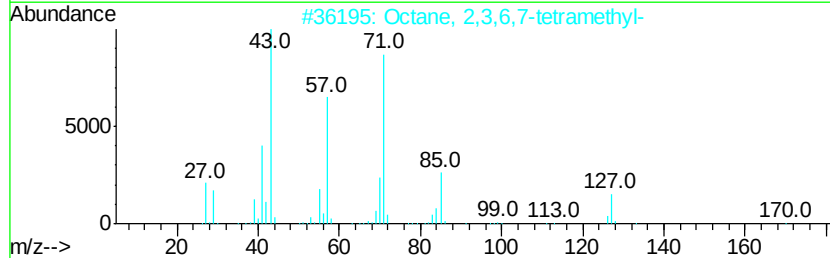
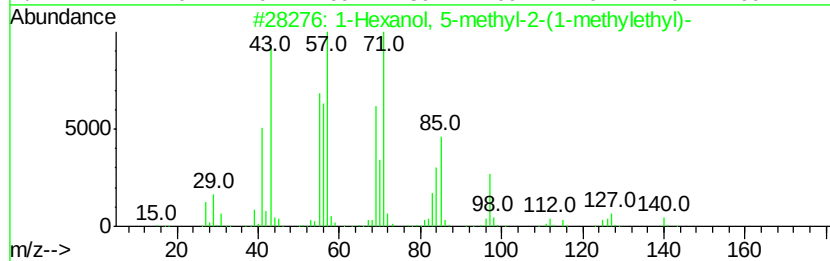
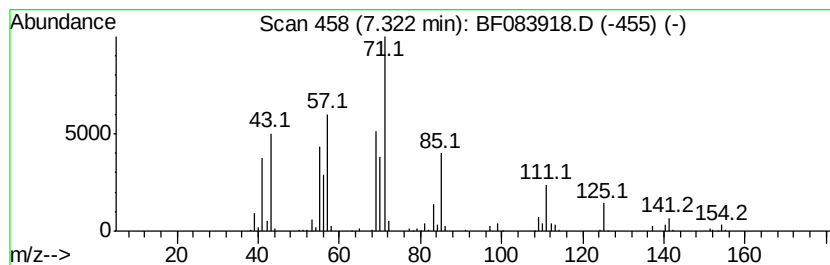
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Hexanol, 5-methyl-2-(1-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	42.29 ng	1828940	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	53
2		Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	53
3		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47
5		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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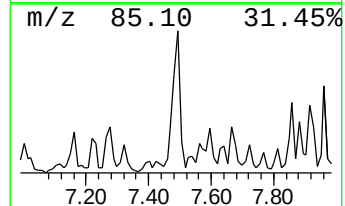
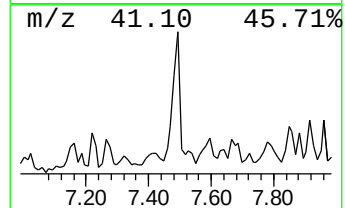
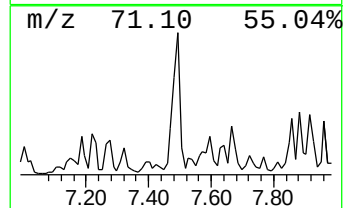
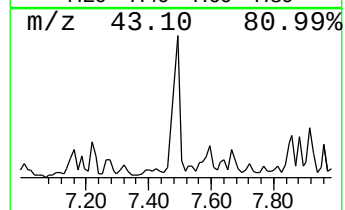
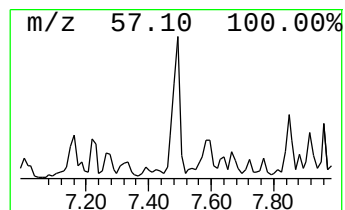
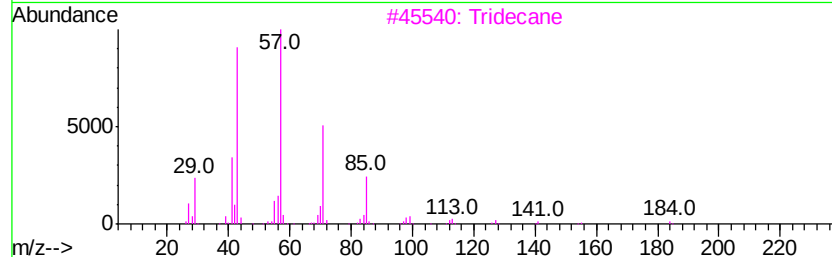
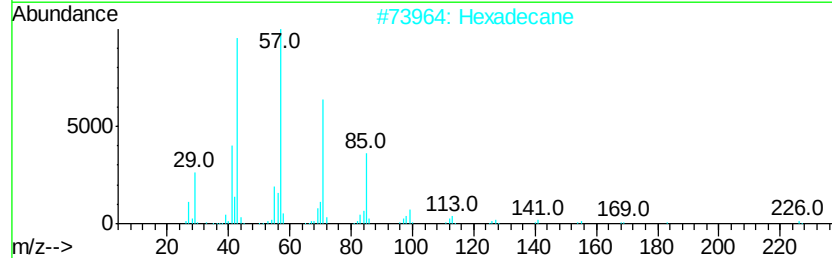
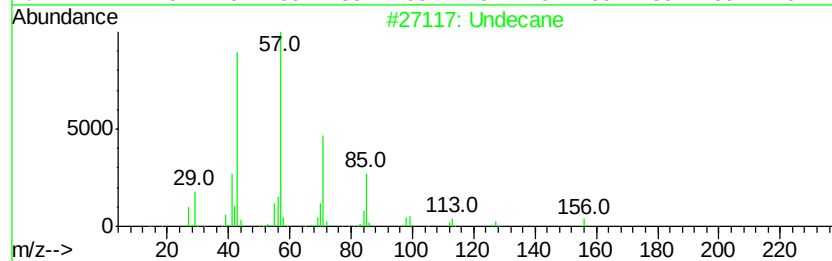
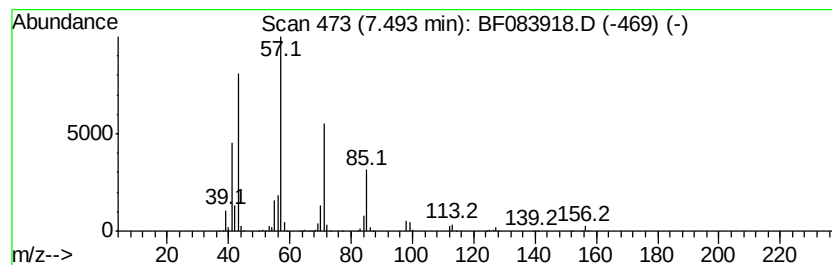
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	189.92 ng	8212960	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tridecane		184	C13H28	000629-50-5	86
4	Tetradecane		198	C14H30	000629-59-4	83
5	Eicosane		282	C20H42	000112-95-8	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
Operator : UM/SJ
Sample : G4814-01 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9870

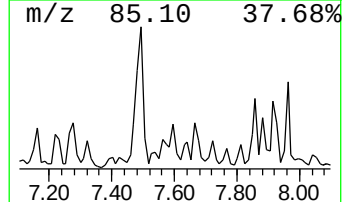
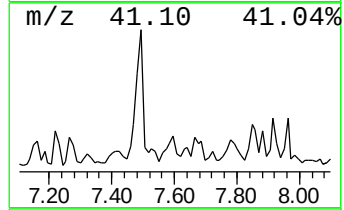
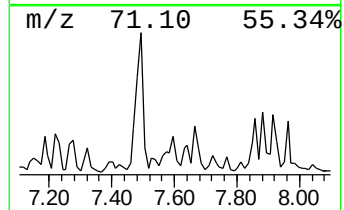
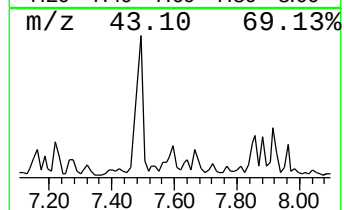
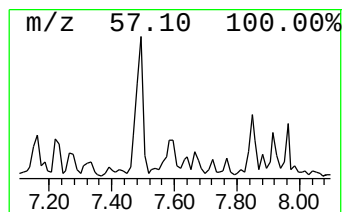
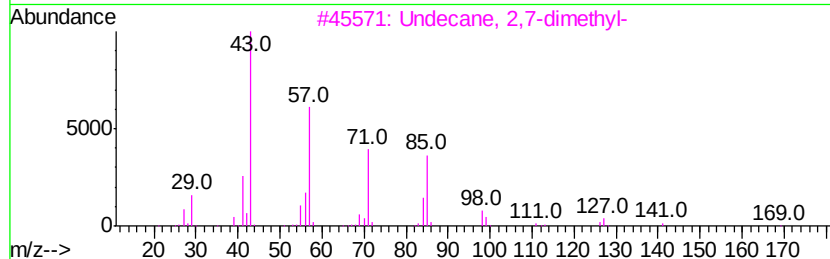
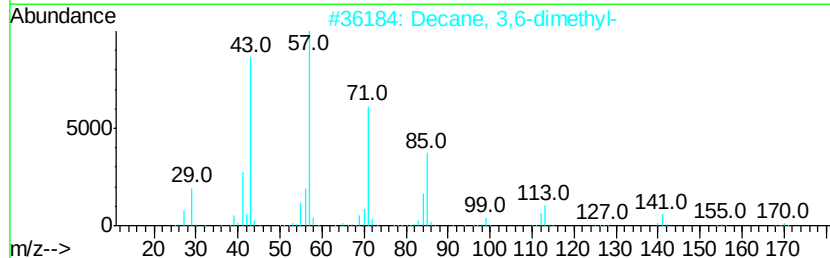
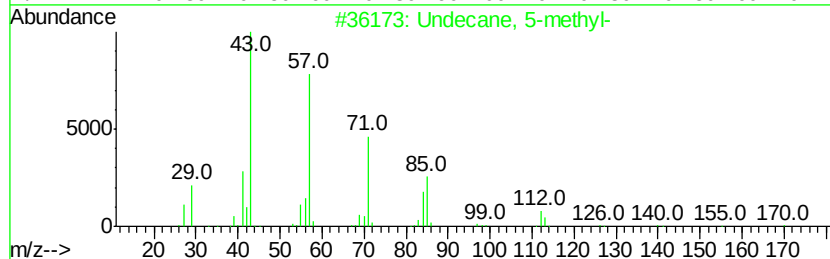
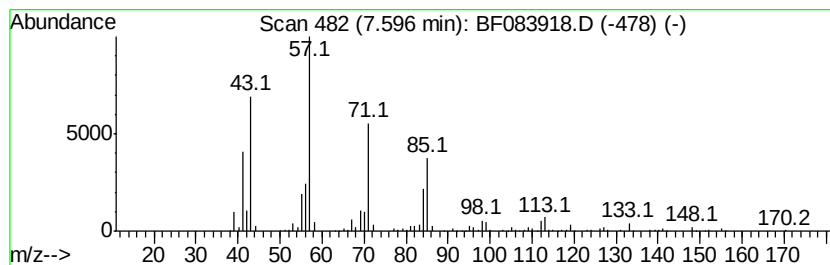
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	13.66 ng	3875760	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
3		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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Instrument :
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ClientSampleId :
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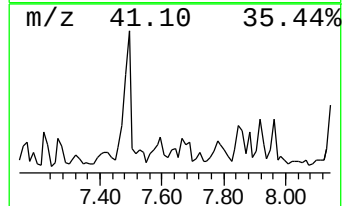
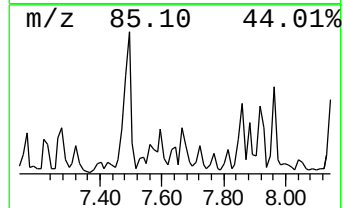
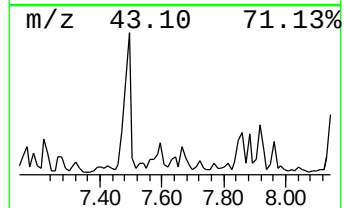
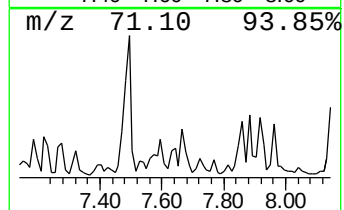
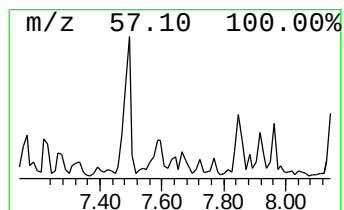
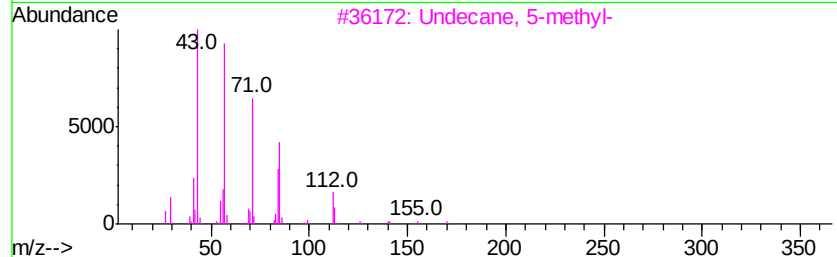
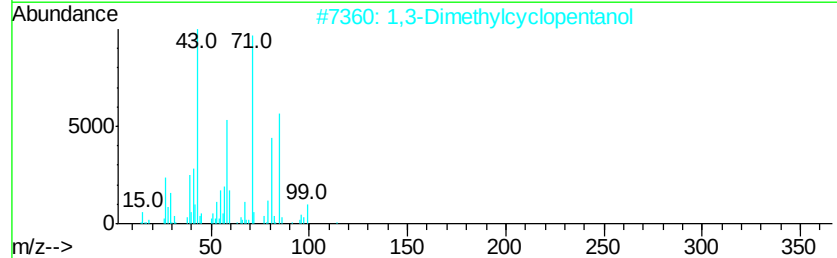
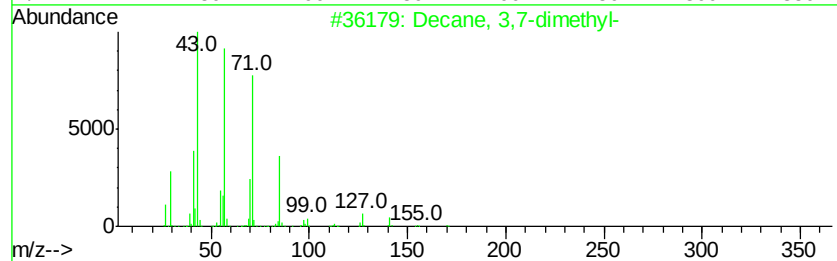
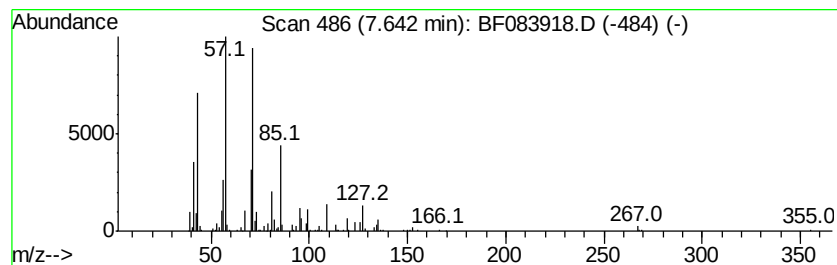
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 3,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	6.92 ng	1964890	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59
2		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	47
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampled :
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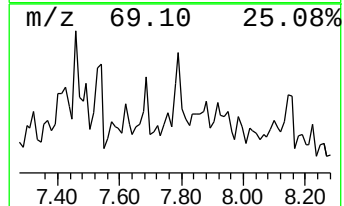
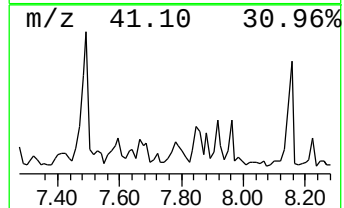
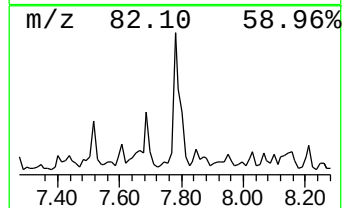
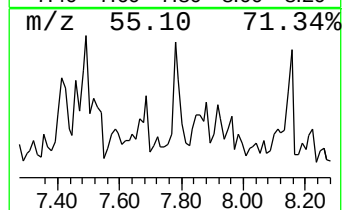
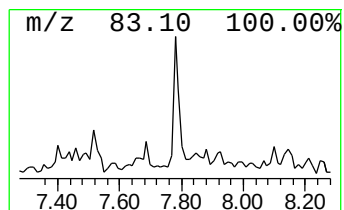
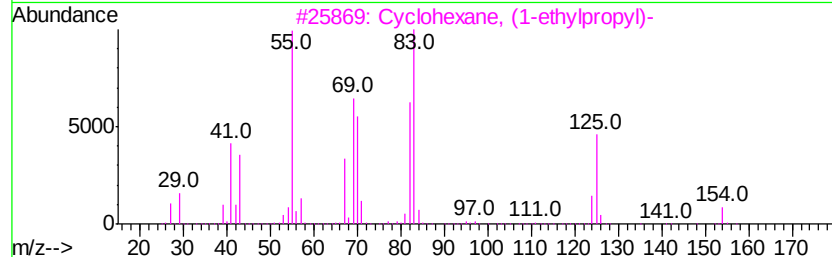
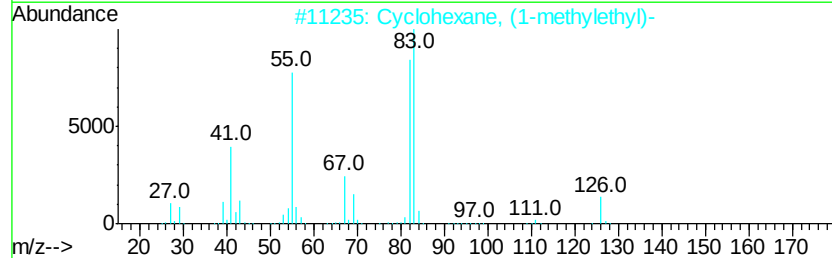
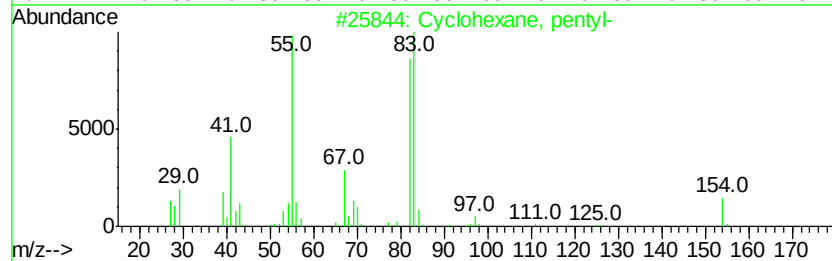
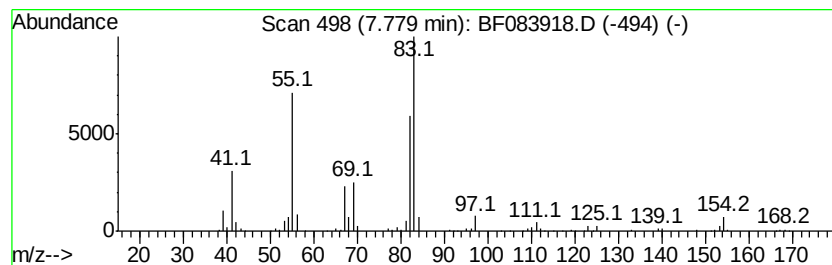
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclohexane, pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	17.70 ng	5022690	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
3		Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	78
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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Acq On : 18 Dec 2015 17:40
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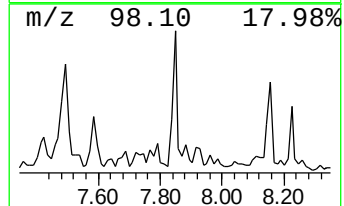
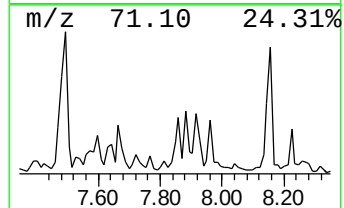
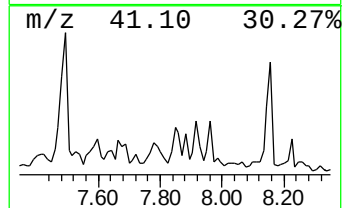
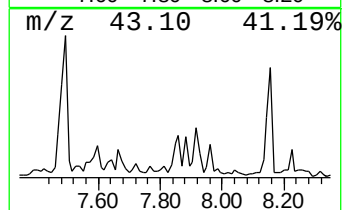
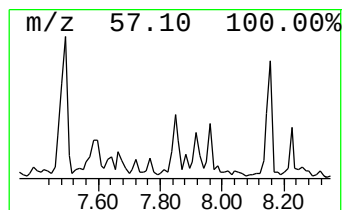
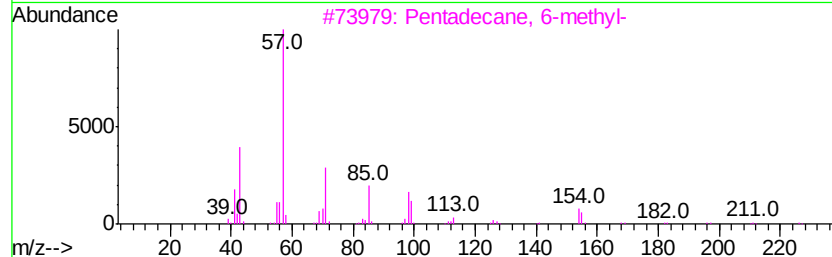
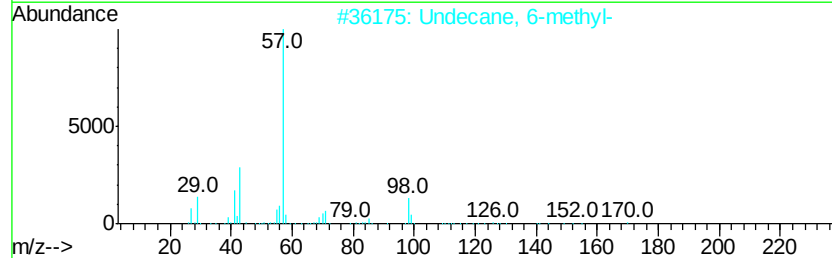
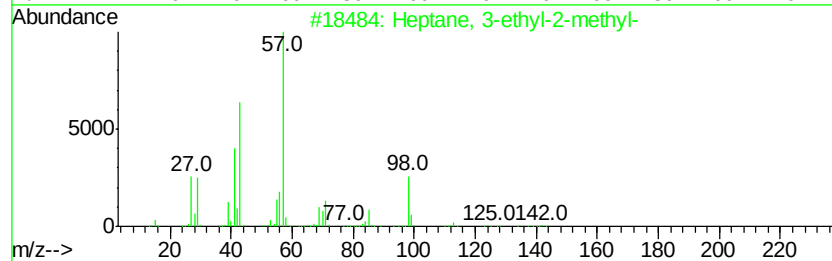
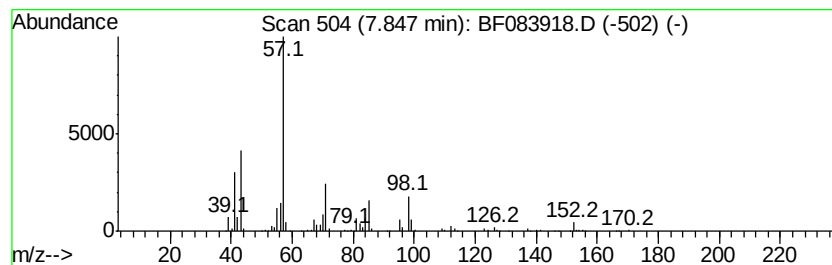
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptane, 3-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	12.60 ng	3577010	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53	
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	53	
3	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53	
4	Decane	142	C10H22	000124-18-5	50	
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
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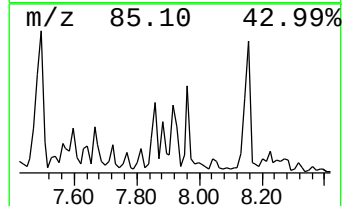
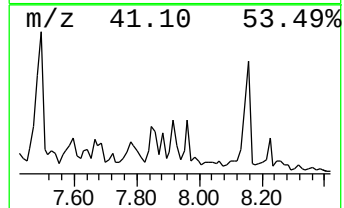
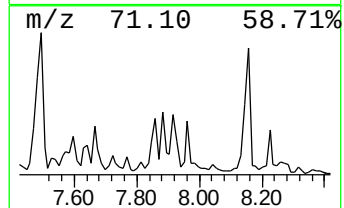
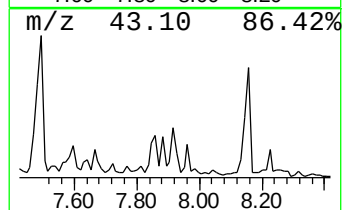
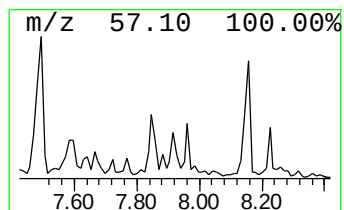
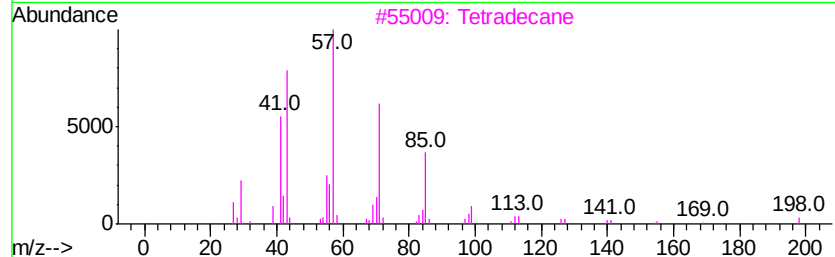
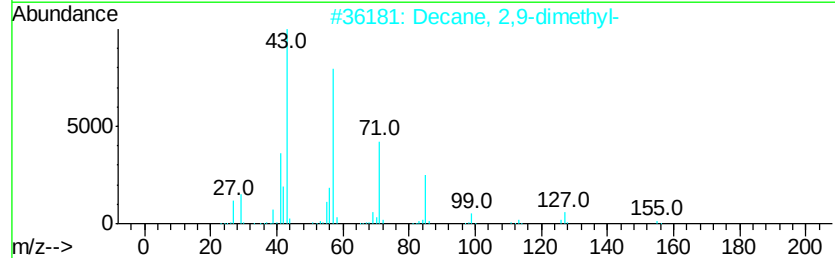
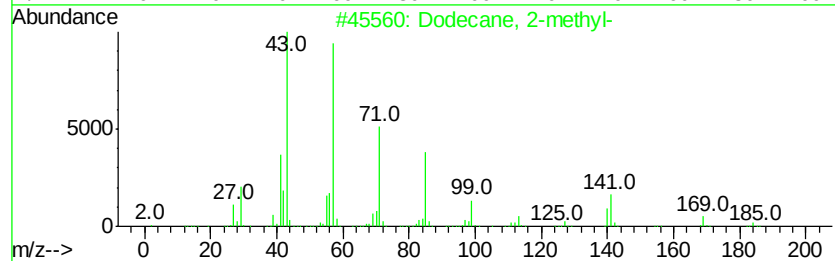
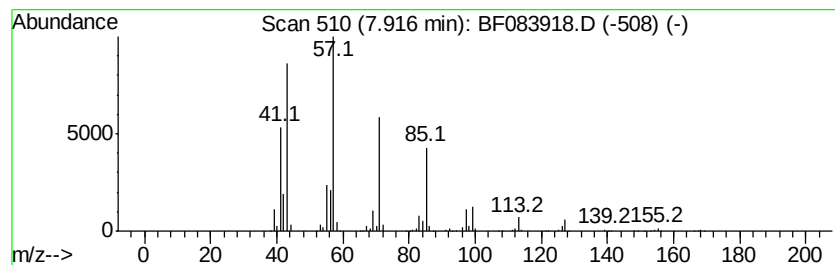
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	11.38 ng	3231020	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
2			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
3			Tetradecane	198	C14H30	000629-59-4	72
4			Tetracosane	338	C24H50	000646-31-1	64
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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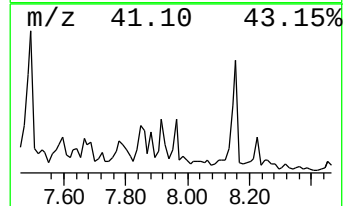
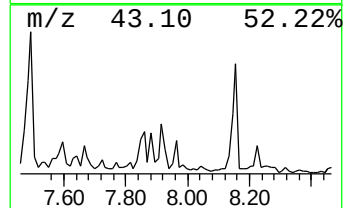
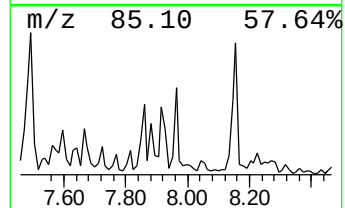
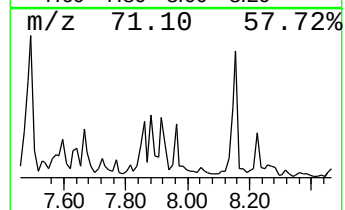
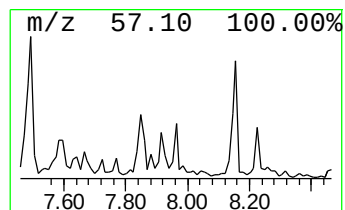
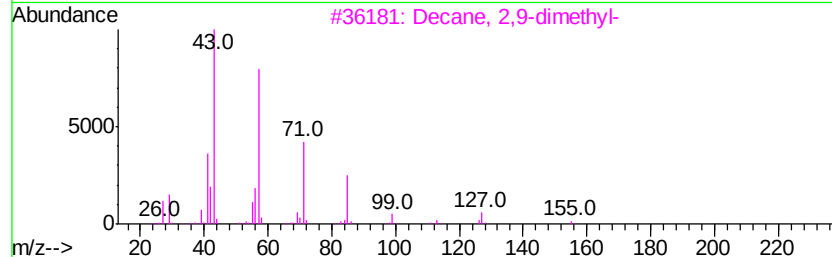
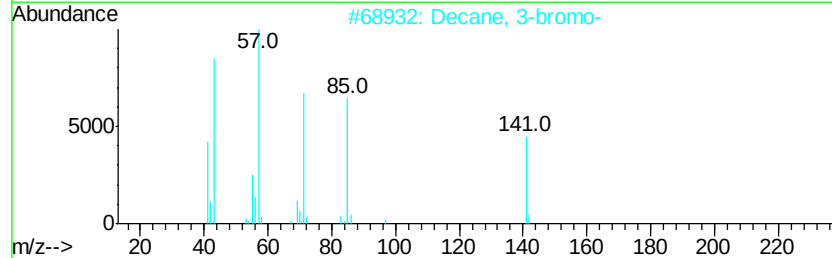
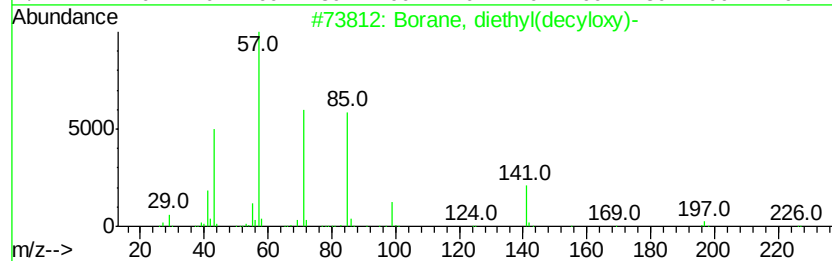
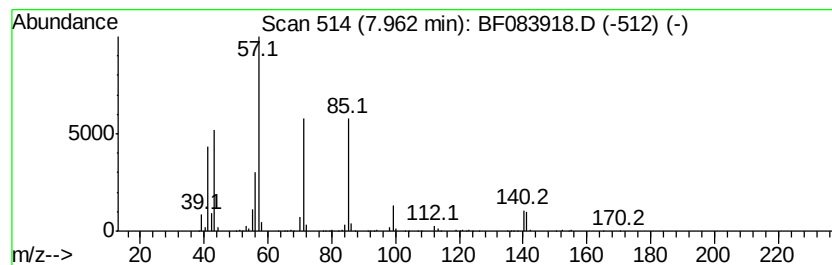
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Borane, diethyl(decyloxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	8.32 ng	2360200	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
2		Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
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Misc :
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Instrument :
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ClientSampleId :
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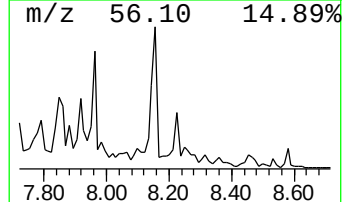
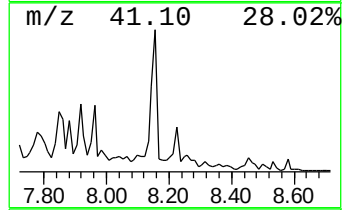
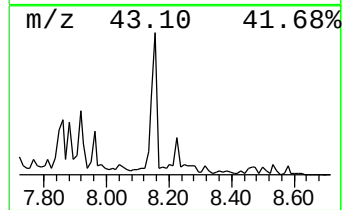
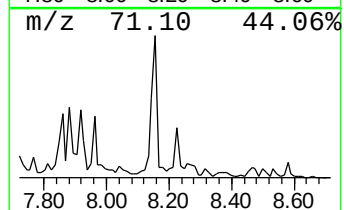
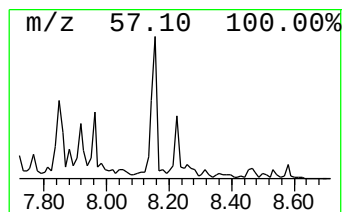
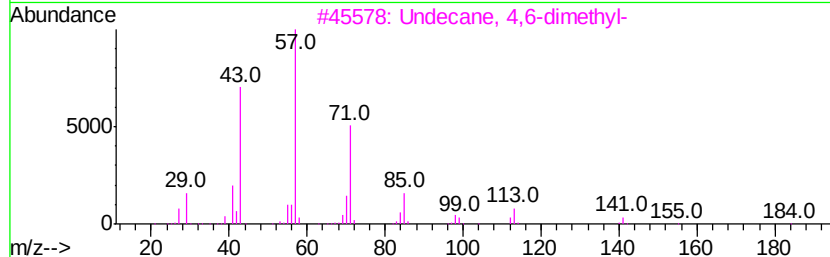
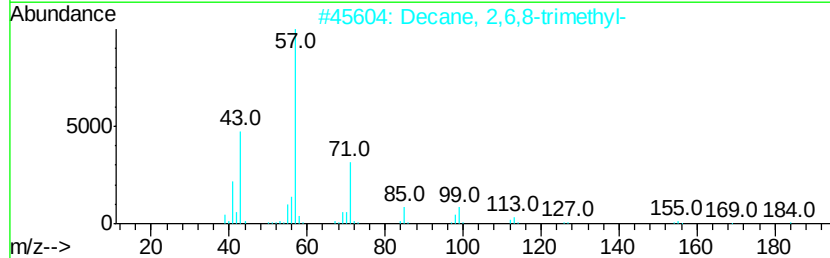
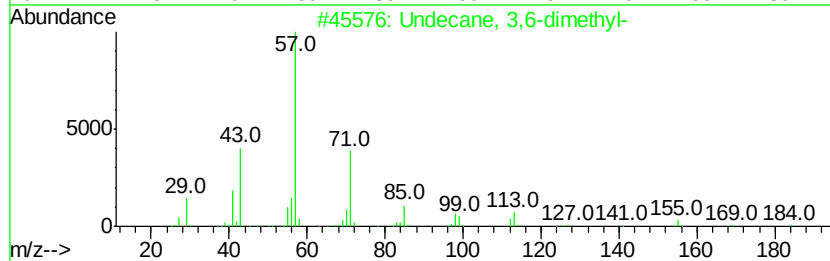
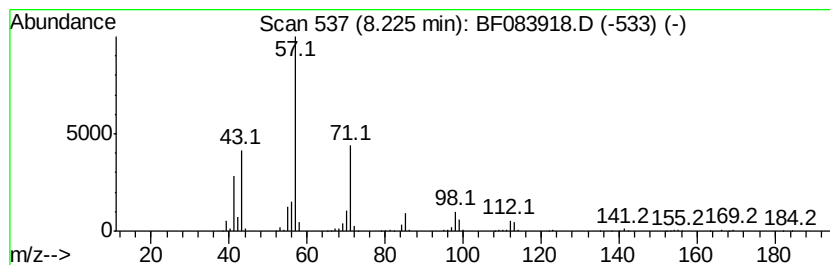
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Undecane, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	7.76 ng	2203910	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	87
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	86
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083918.D
 Acq On : 18 Dec 2015 17:40
 Operator : UM/SJ
 Sample : G4814-01 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9870

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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, 2,4,6-tri...	6.36	10.5	ng	455629	1	6.86	864902	20.0
Cyclohexane, 1,1,...	6.40	9.0	ng	389230	1	6.86	864902	20.0
unknown6.65	6.65	8.3	ng	358087	1	6.86	864902	20.0
Decane	6.72	48.4	ng	2094930	1	6.86	864902	20.0
Benzene, 1,2,3-tr...	6.93	16.4	ng	708594	1	6.86	864902	20.0
Cyclohexane, butyl-	7.02	42.9	ng	1855360	1	6.86	864902	20.0
Decane, 5-methyl-	7.16	54.7	ng	2366280	1	6.86	864902	20.0
Octane, 3-ethyl-	7.18	25.6	ng	1107660	1	6.86	864902	20.0
Dodecane, 2,6,11-...	7.22	39.4	ng	1704360	1	6.86	864902	20.0
Decane, 3-methyl-	7.26	48.6	ng	2103670	1	6.86	864902	20.0
1-Hexanol, 5-meth...	7.32	42.3	ng	1828940	1	6.86	864902	20.0
Undecane	7.49	189.9	ng	8212960	1	6.86	864902	20.0
Undecane, 5-methyl-	7.60	13.7	ng	3875760	2	8.16	5676660	20.0
Decane, 3,7-dimet...	7.64	6.9	ng	1964890	2	8.16	5676660	20.0
trans-Decalin, 2-...	7.69	13.0	ng	3689580	2	8.16	5676660	20.0
Cyclohexane, pentyl-	7.78	17.7	ng	5022690	2	8.16	5676660	20.0
Heptane, 3-ethyl-...	7.85	12.6	ng	3577010	2	8.16	5676660	20.0
Dodecane, 2-methyl-	7.92	11.4	ng	3231020	2	8.16	5676660	20.0
Borane, diethyl(d...	7.96	8.3	ng	2360200	2	8.16	5676660	20.0
Undecane, 3,6-dim...	8.22	7.8	ng	2203910	2	8.16	5676660	20.0