

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082005.D
 Acq On : 3 Oct 2015 5:33
 Operator : UM/IZ
 Sample : G3897-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3D(1-1.5)

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	3.440	108	114	118	rBV	15810	37993	1.05%	0.114%
2	3.965	155	160	163	rBV	21668	48465	1.35%	0.146%
3	4.468	202	204	210	rVB	26994	48869	1.36%	0.147%
4	4.583	210	214	216	rBV	37777	51609	1.43%	0.155%
5	4.903	240	242	244	rVB	32591	45978	1.28%	0.138%
6	4.983	247	249	254	rVB	66816	85010	2.36%	0.256%
7	5.074	254	257	263	rBV	980861	1628883	45.22%	4.903%
8	5.166	263	265	271	rVB2	21490	62215	1.73%	0.187%
9	5.268	271	274	275	rBV	49806	75046	2.08%	0.226%
10	5.303	275	277	279	rVB3	36469	59025	1.64%	0.178%
11	5.348	279	281	285	rBV	50314	82723	2.30%	0.249%
12	5.486	290	293	295	rVB	2466947	2570830	71.37%	7.739%
13	5.634	304	306	309	rBV	45238	79143	2.20%	0.238%
14	5.737	311	315	318	rVB3	32088	67838	1.88%	0.204%
15	5.897	326	329	330	rVB2	53839	91458	2.54%	0.275%
16	5.943	330	333	337	rBV2	32878	64874	1.80%	0.195%
17	6.023	337	340	342	rBV2	61186	102202	2.84%	0.308%
18	6.126	346	349	352	rBV2	97915	161031	4.47%	0.485%
19	6.309	363	365	367	rBV	75989	107419	2.98%	0.323%
20	6.377	367	371	372	rVV4	95692	152353	4.23%	0.459%
21	6.411	372	374	377	rVV3	60295	91050	2.53%	0.274%
22	6.514	380	383	386	rVV	2130102	2564666	71.20%	7.720%
23	6.617	390	392	393	rBV2	28026	49366	1.37%	0.149%
24	6.651	393	395	398	rVV	2606740	2729853	75.79%	8.218%
25	6.731	400	402	404	rVB2	21480	36878	1.02%	0.111%
26	6.846	407	412	413	rBV4	32853	82214	2.28%	0.247%
27	6.891	413	416	419	rBV	466237	598475	16.62%	1.802%
28	7.006	424	426	427	rVV	95296	140425	3.90%	0.423%
29	7.040	427	429	432	rVV	2232950	2247392	62.39%	6.765%
30	7.154	436	439	441	rVV2	158933	281057	7.80%	0.846%
31	7.223	441	445	447	rVV2	129487	257275	7.14%	0.774%
32	7.280	447	450	451	rVV2	88823	139145	3.86%	0.419%
33	7.314	451	453	458	rVV3	42828	88982	2.47%	0.268%
34	7.417	458	462	463	rVV2	96476	169718	4.71%	0.511%

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35	7.452	463	465	468 rVV	1396376	1713471	47.57%	5.158%
36	7.532	470	472	474 rVV3	94703	145654	4.04%	0.438%
37	7.589	474	477	480 rVV3	44836	139751	3.88%	0.421%
38	7.657	480	483	484 rVV	139461	203785	5.66%	0.613%
39	7.680	484	485	487 rVV	137312	154453	4.29%	0.465%
40	7.772	491	493	495 rVV2	70797	105809	2.94%	0.319%
41	7.817	495	497	498 rVV2	52370	80785	2.24%	0.243%
42	7.852	498	500	502 rVV2	71255	114049	3.17%	0.343%
43	7.920	504	506	507 rVV2	36599	64891	1.80%	0.195%
44	7.989	511	512	515 rVB	59027	49862	1.38%	0.150%
45	8.034	515	516	518 rBV	48006	60679	1.68%	0.183%
46	8.114	520	523	524 rBV2	27476	46803	1.30%	0.141%
47	8.172	524	528	531 rVV	821733	1022025	28.37%	3.077%
48	8.217	531	532	534 rVV2	88361	105108	2.92%	0.316%
49	8.263	534	536	537 rVB	39035	46271	1.28%	0.139%
50	8.457	547	553	559 rVV7	28546	102432	2.84%	0.308%
51	8.549	559	561	563 rVV2	32821	49032	1.36%	0.148%
52	8.583	563	564	571 rVB4	15617	37556	1.04%	0.113%
53	9.257	620	623	625 rBV	3004768	3489846	96.89%	10.506%
54	9.646	655	657	660 rBV	487041	520997	14.46%	1.568%
55	9.932	679	682	685 rBV	1009875	919762	25.54%	2.769%
56	10.366	716	720	721 rBV	33193	44537	1.24%	0.134%
57	10.732	749	752	754 rBV2	1511875	2210754	61.38%	6.655%
58	10.835	760	761	766 rVB	58608	74526	2.07%	0.224%
59	11.292	799	801	806 rVB2	25524	52517	1.46%	0.158%
60	11.418	810	812	815 rBV	608533	885871	24.59%	2.667%
61	11.955	857	859	866 rBV2	39059	53439	1.48%	0.161%
62	13.018	949	952	955 rBV	3093055	3601949	100.00%	10.843%
63	13.921	1029	1031	1042 rBV	84488	273242	7.59%	0.823%
64	14.069	1042	1044	1052 rVB	849803	966831	26.84%	2.910%
65	15.532	1169	1172	1186 rBV	501653	782974	21.74%	2.357%

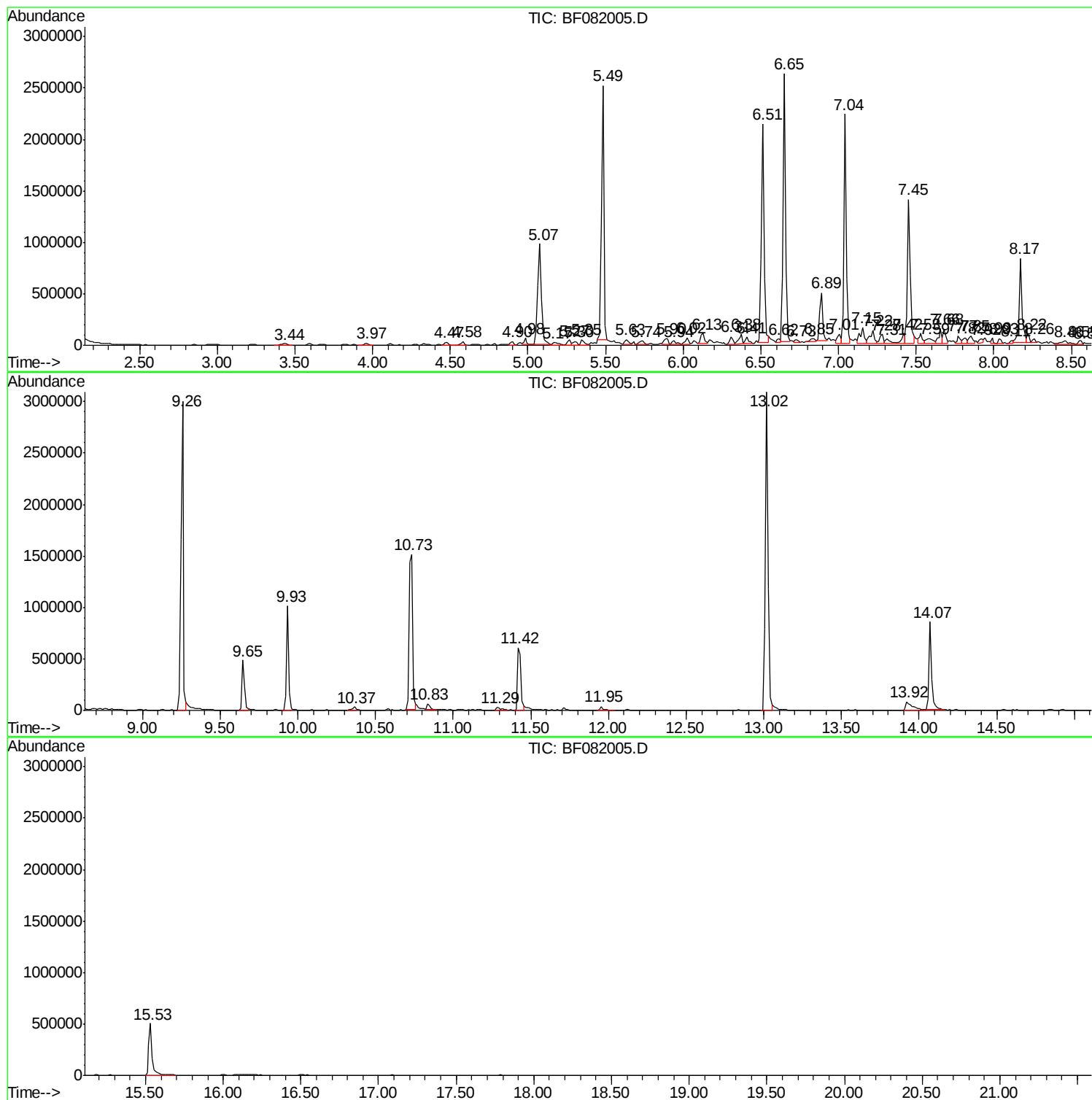
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Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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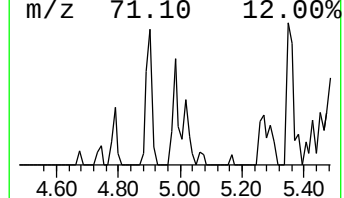
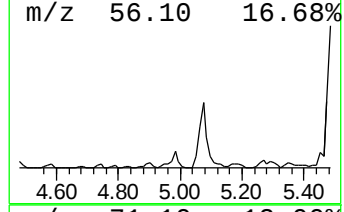
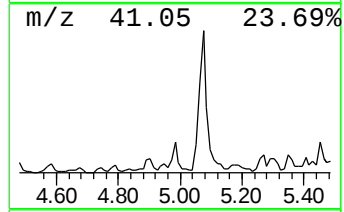
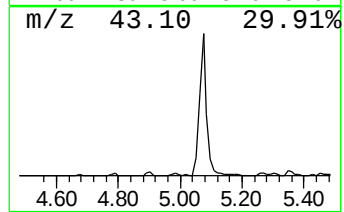
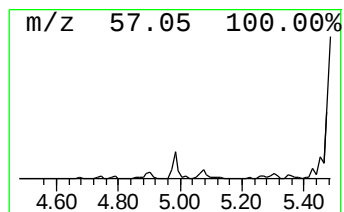
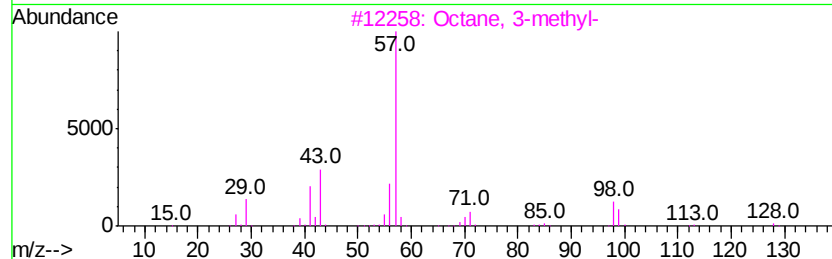
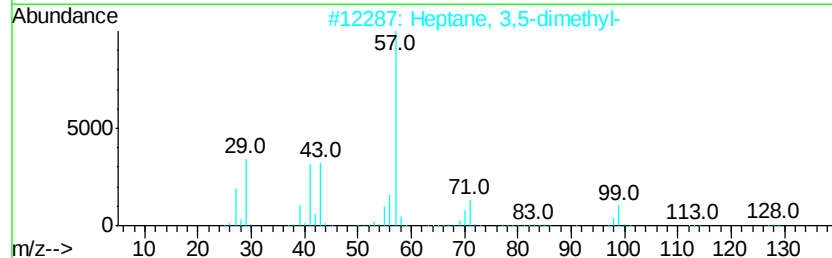
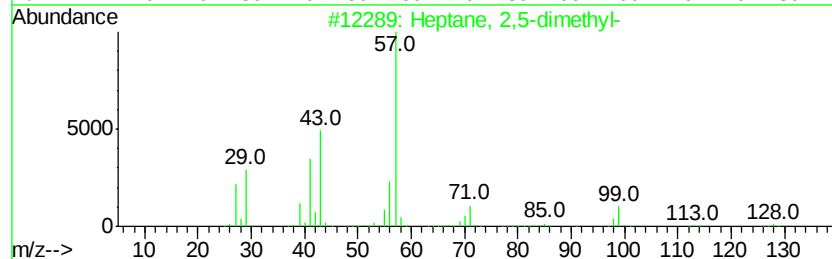
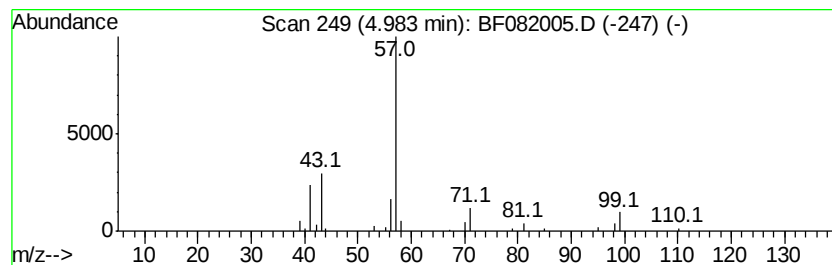
Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.84 ng	85010	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
2		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
3		Octane, 3-methyl-	128	C9H20	002216-33-3	42
4		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	33
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	33



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B-3D(1-1.5)

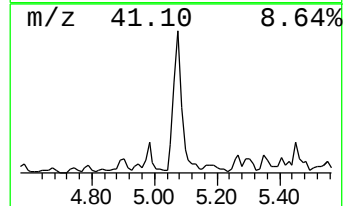
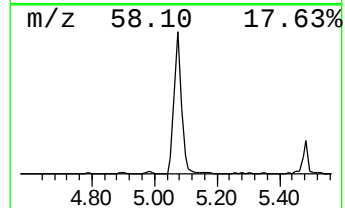
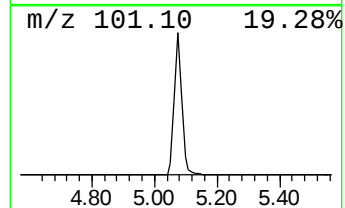
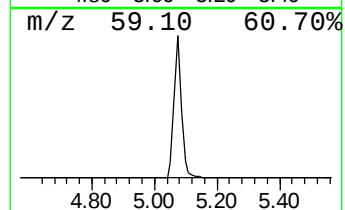
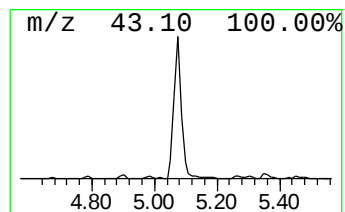
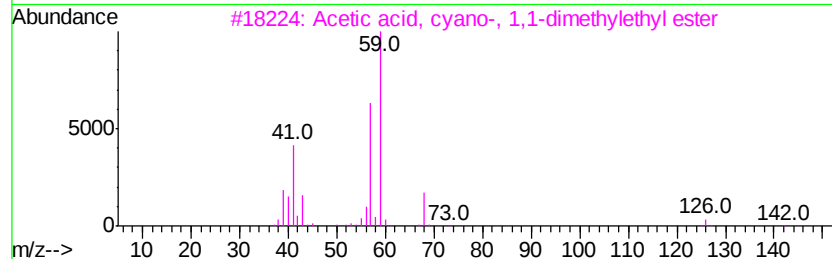
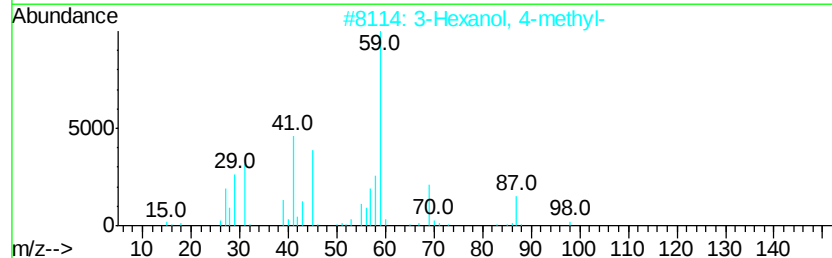
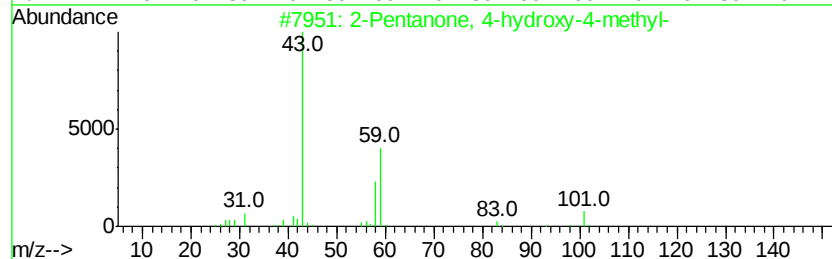
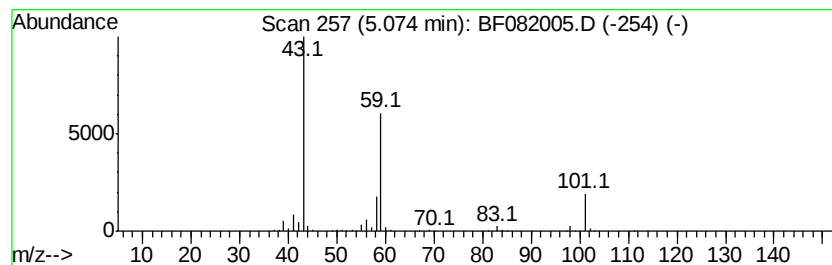
Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	54.43 ng	1628880	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		Acetone	58	C3H6O	000067-64-1	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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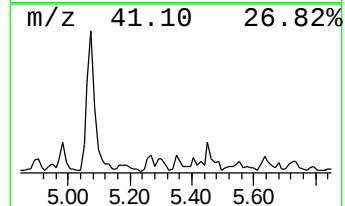
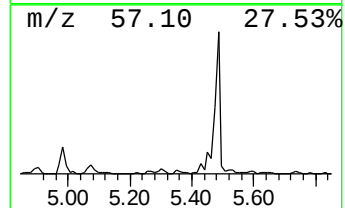
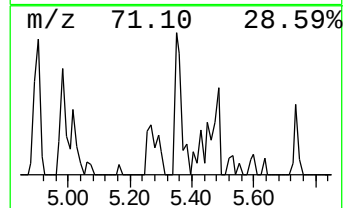
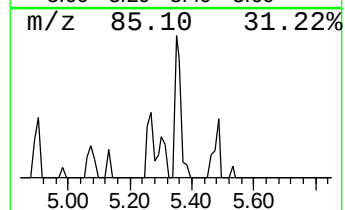
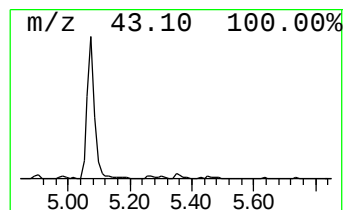
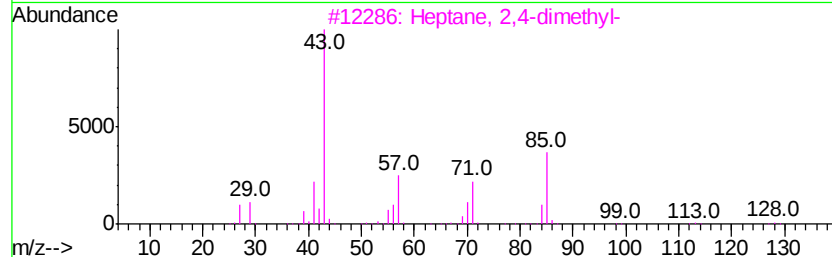
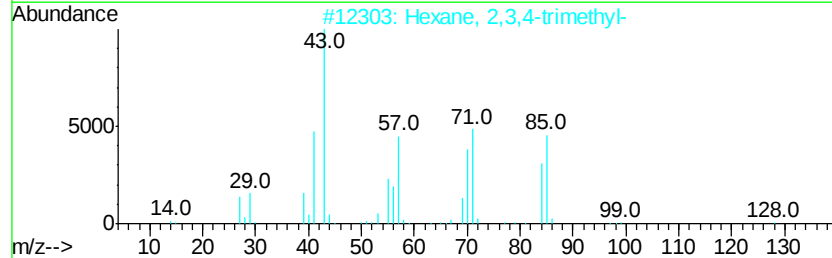
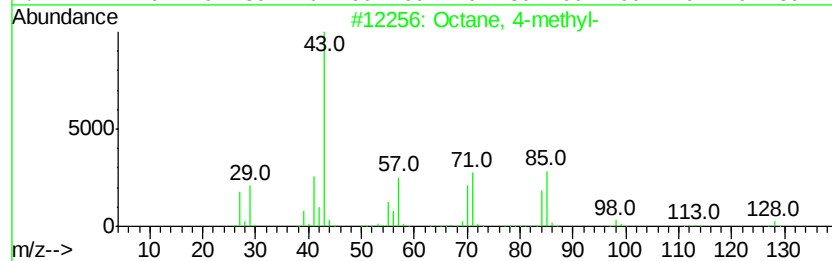
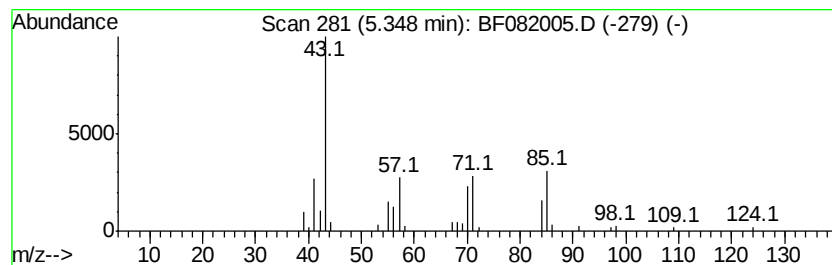
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	2.76 ng	82723	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-methyl-	128	C9H20	002216-34-4	90
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4			Octane	114	C8H18	000111-65-9	53
5			1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	50



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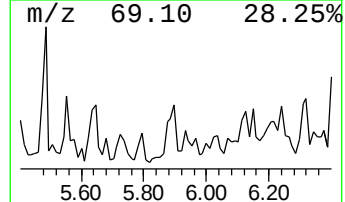
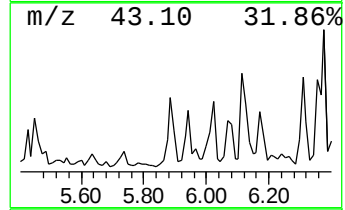
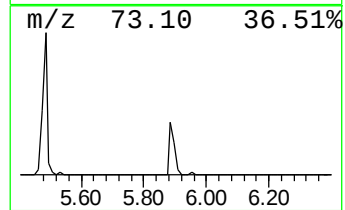
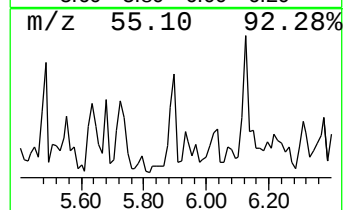
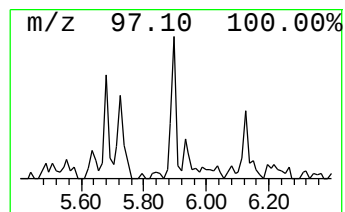
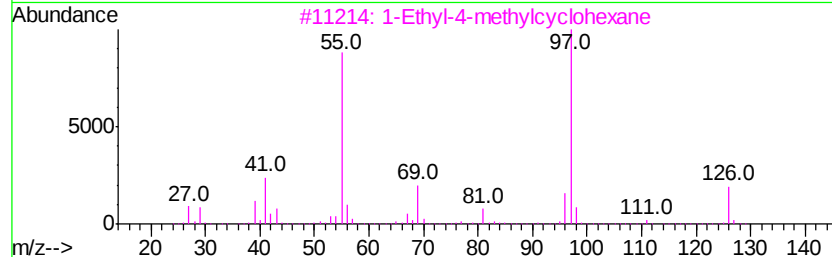
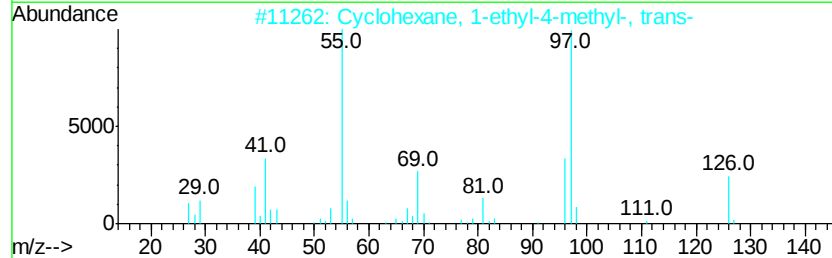
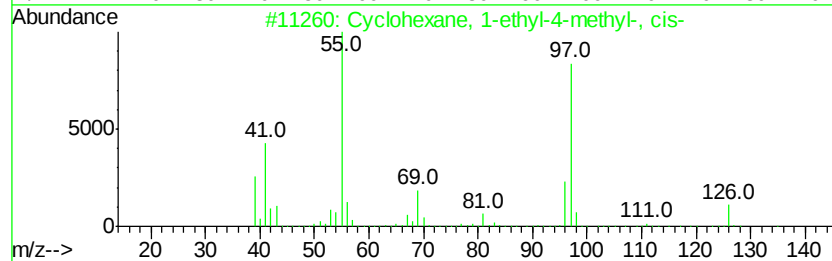
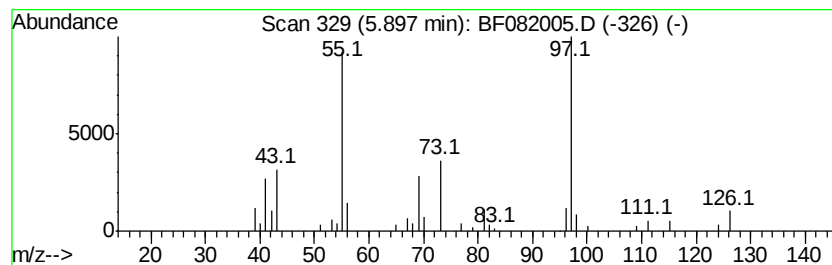
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	3.06 ng	91458	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58



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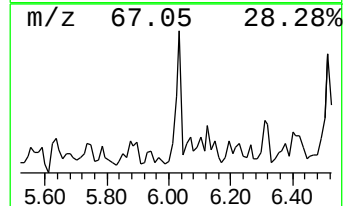
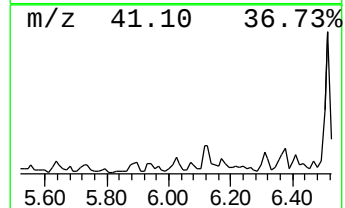
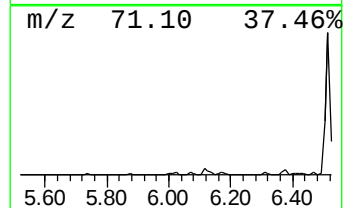
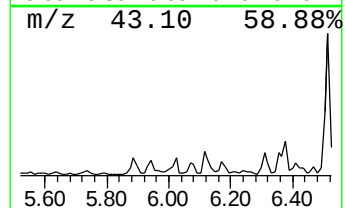
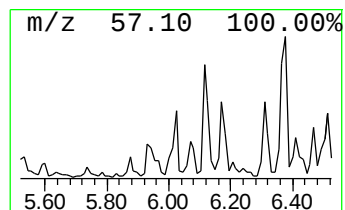
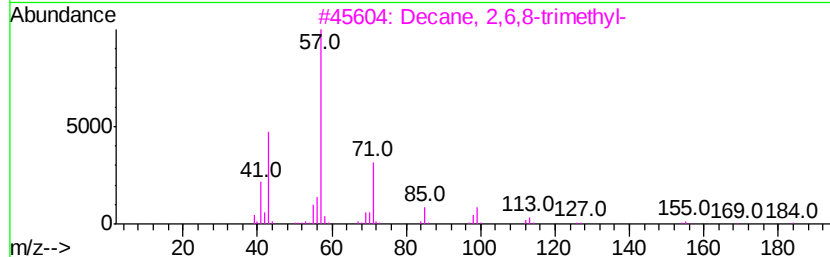
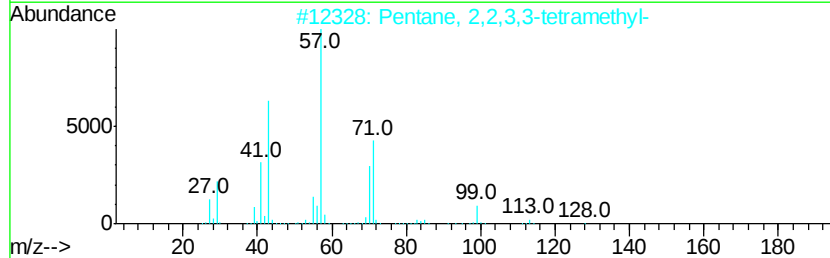
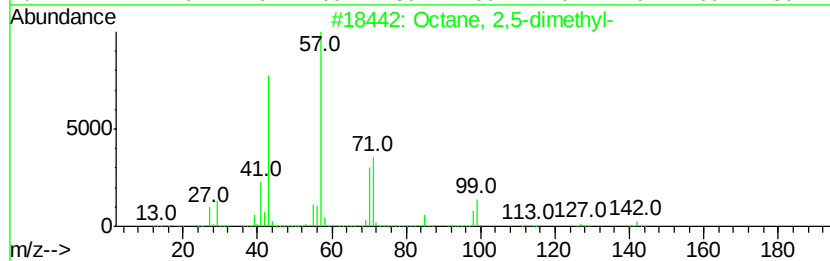
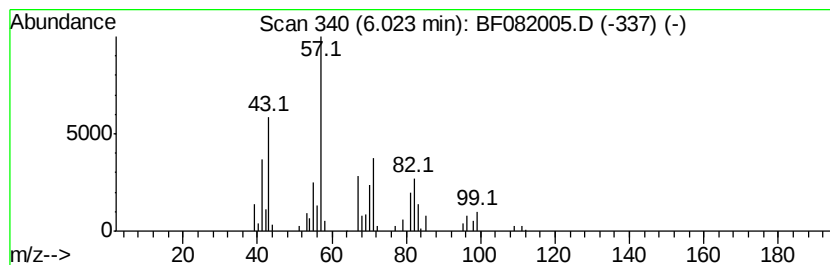
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	3.42 ng	102202	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	47
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38
4		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	38
5		2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3D(1-1.5)

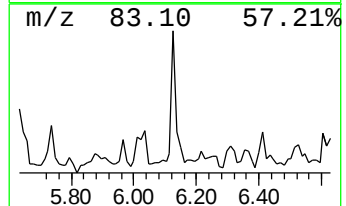
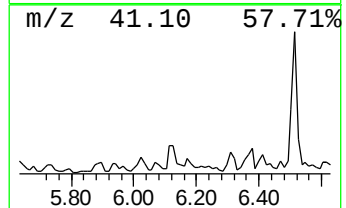
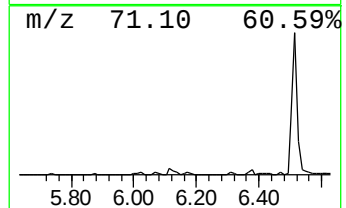
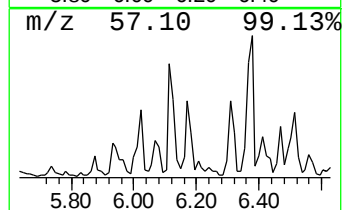
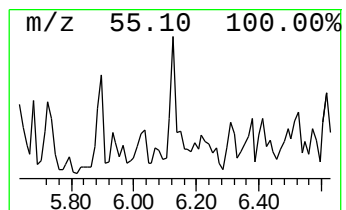
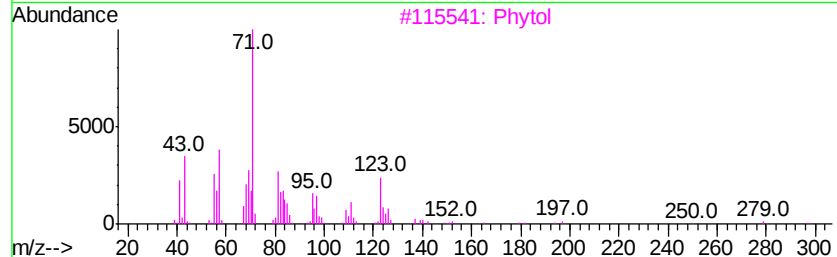
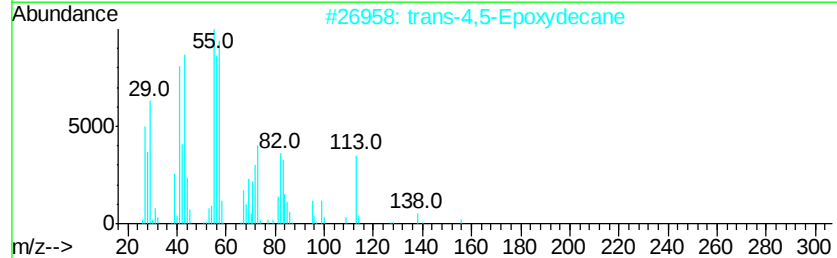
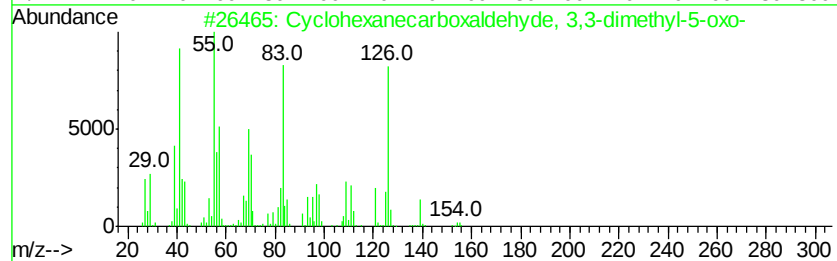
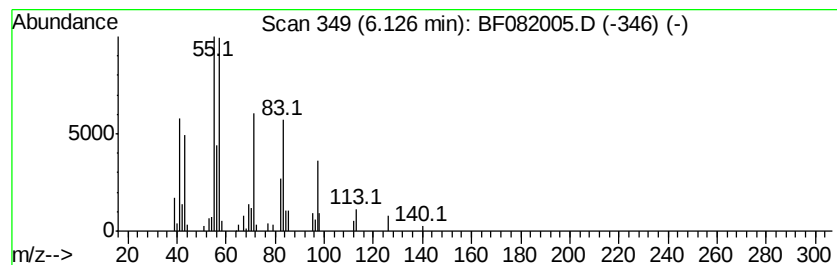
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexanecarboxaldehyde, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	5.38 ng	161031	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxaldehyde, 3,3-d...	154	C9H14O2	065080-66-2	50
2		trans-4,5-Epoxydecane	156	C10H20O	054724-75-3	38
3		Phytol	296	C20H40O	000150-86-7	35
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	27
5		2-Pentyn-1-ol	84	C5H8O	006261-22-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-3D(1-1.5)

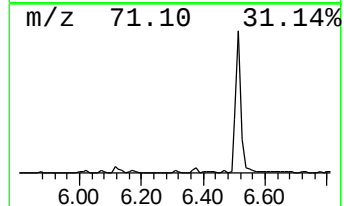
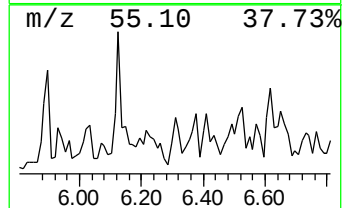
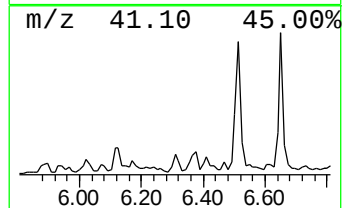
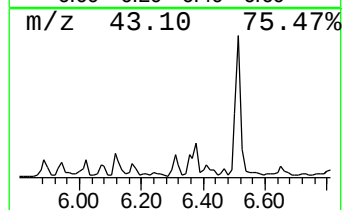
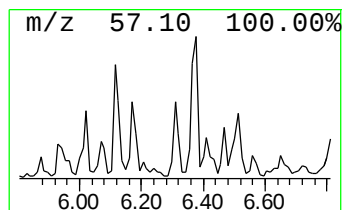
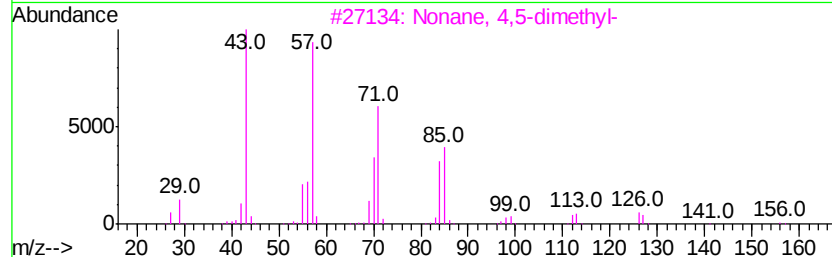
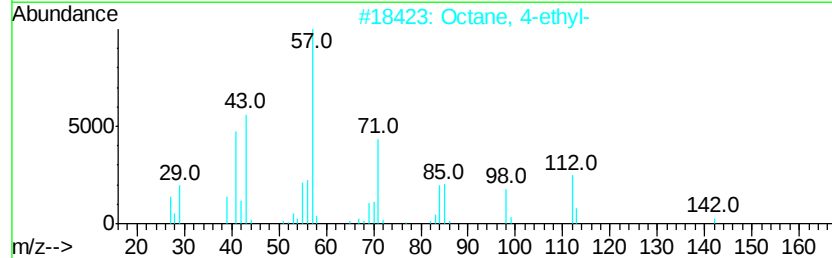
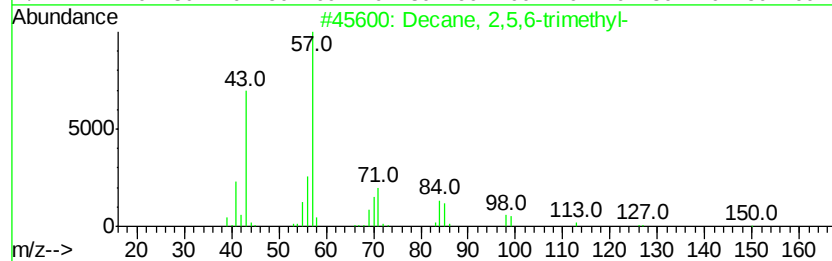
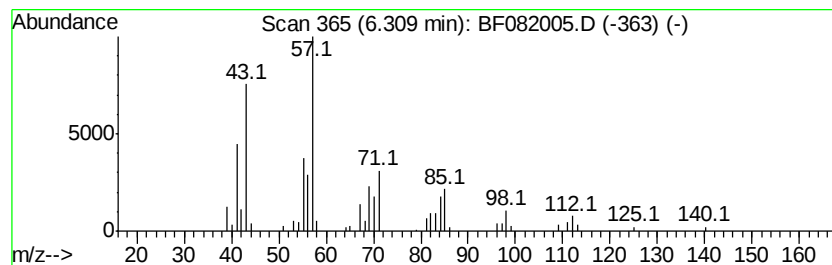
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,5,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	3.59 ng	107419	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	53
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
4			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
5			Decane, 5-methyl-	156	C11H24	013151-35-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

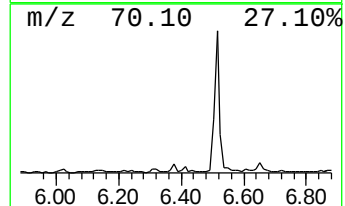
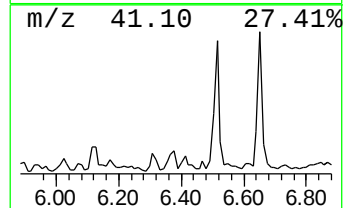
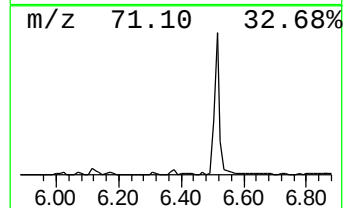
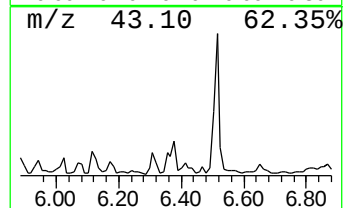
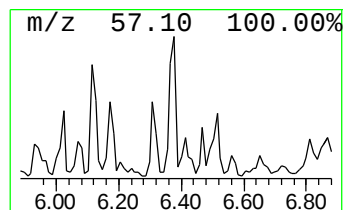
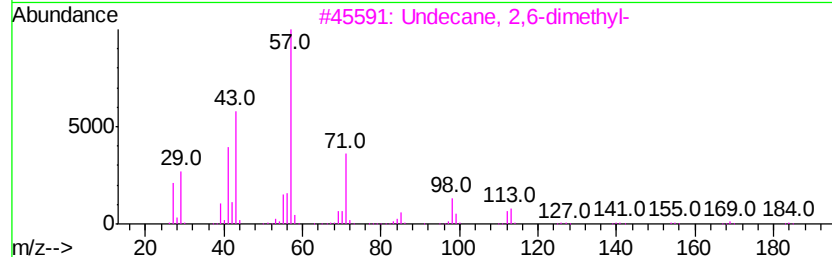
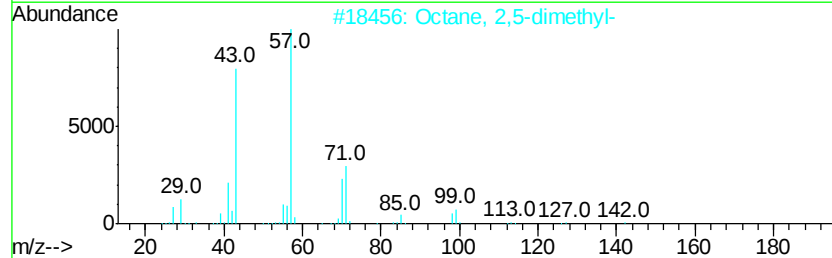
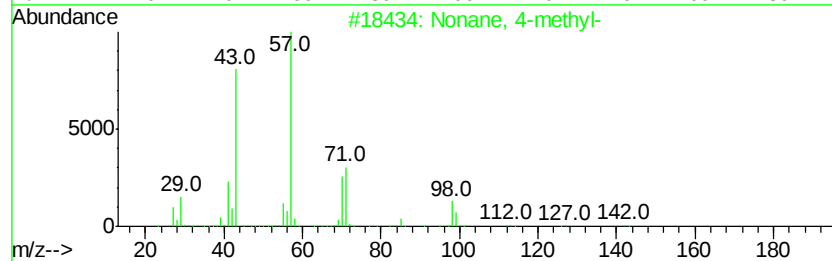
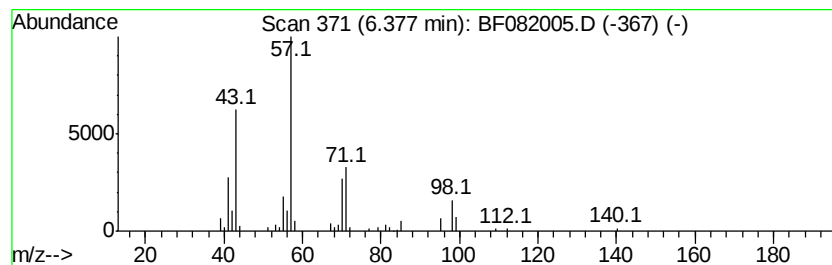
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ClientSampleID :
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Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.38	5.09 ng	152353	1,4-Dichlorobenzene-d4	6.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-		142	C10H22	017301-94-9	78
2	Octane, 2,5-dimethyl-		142	C10H22	015869-89-3	72
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	59
4	Undecane, 4,5-dimethyl-		184	C13H28	017312-79-7	59
5	Heptane, 3-ethyl-		128	C9H20	015869-80-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

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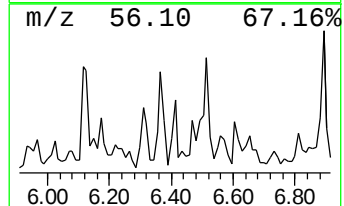
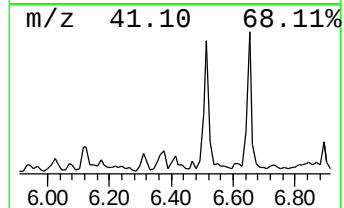
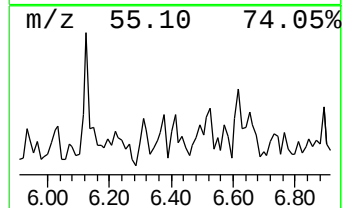
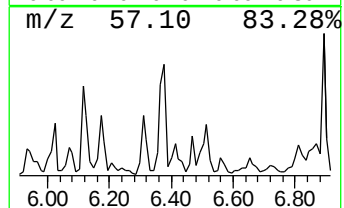
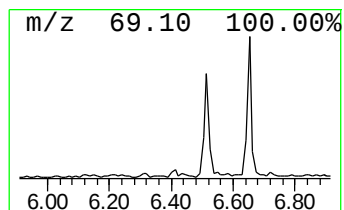
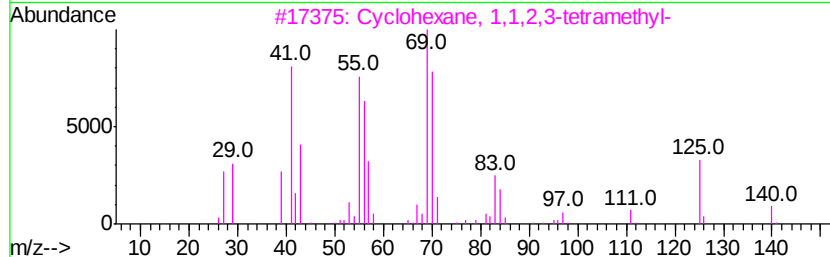
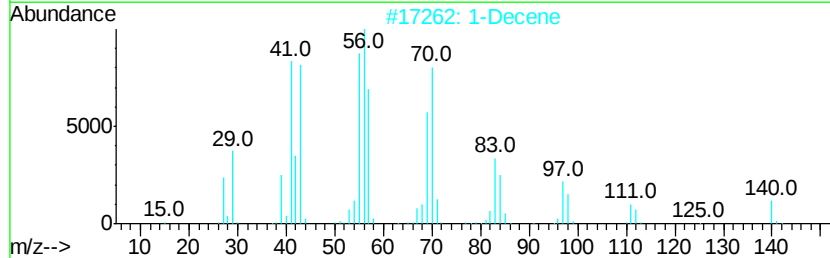
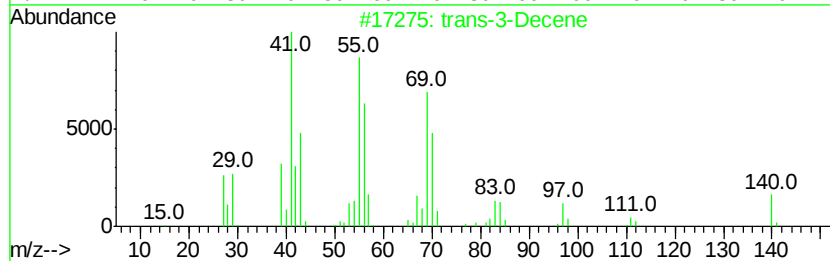
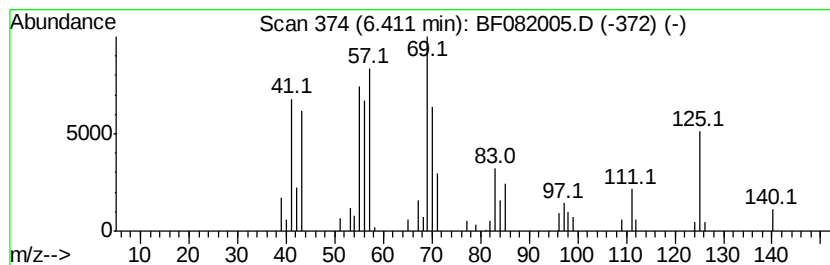
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 trans-3-Decene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	3.04 ng	91050	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-3-Decene	140	C10H20	019150-21-1	86
2			1-Decene	140	C10H20	000872-05-9	83
3			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	70
4			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
5			4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-3D(1-1.5)

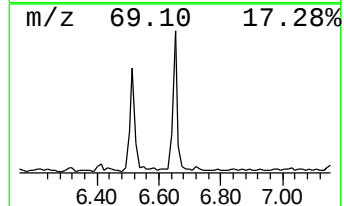
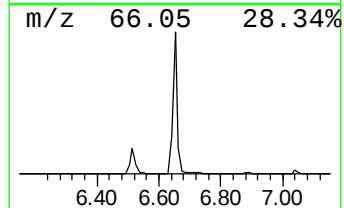
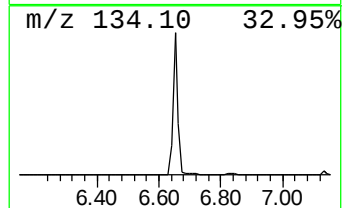
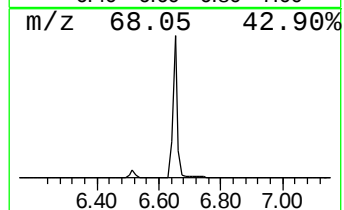
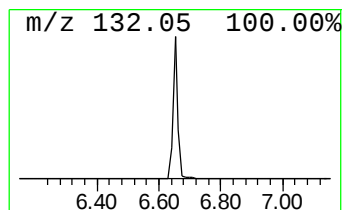
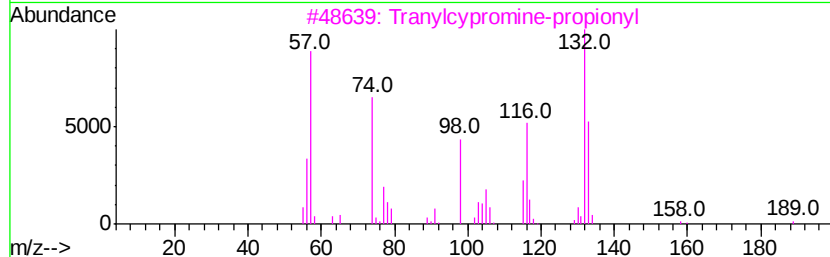
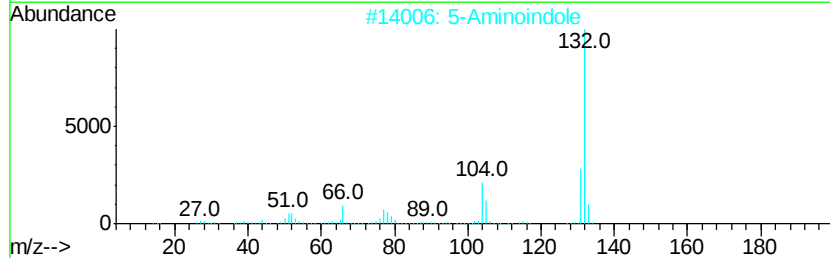
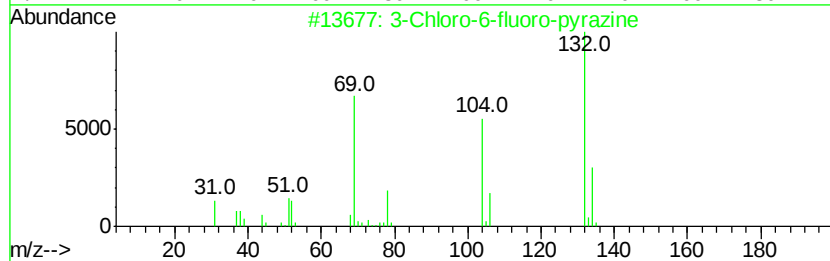
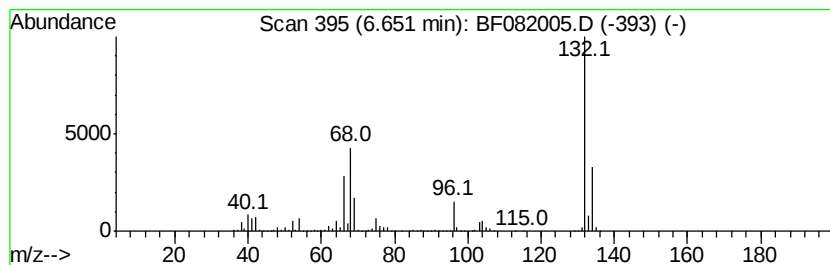
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	91.23 ng	2729850	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
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Misc :
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ClientSampleId :
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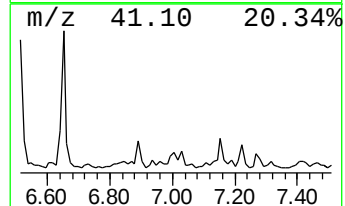
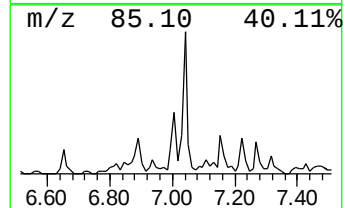
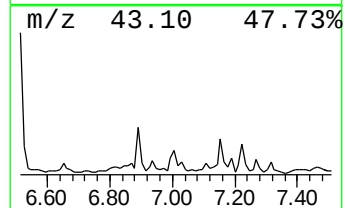
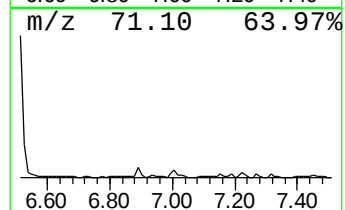
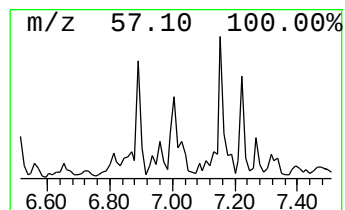
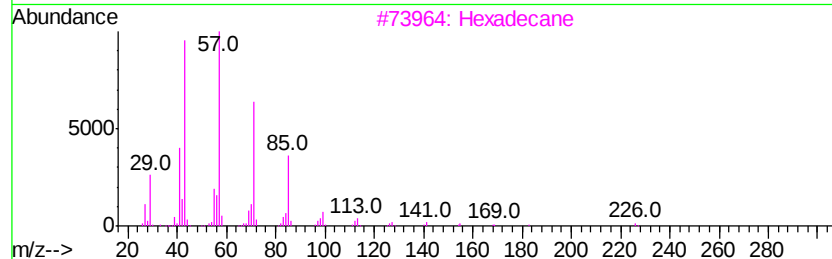
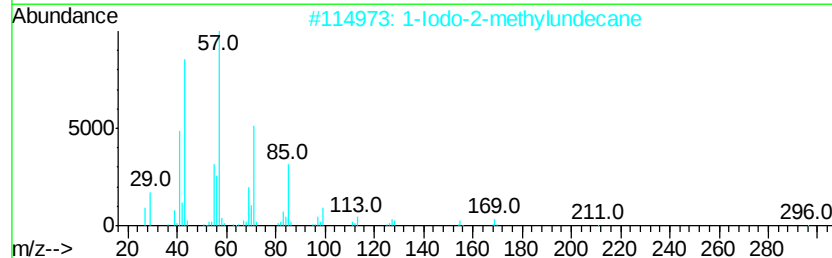
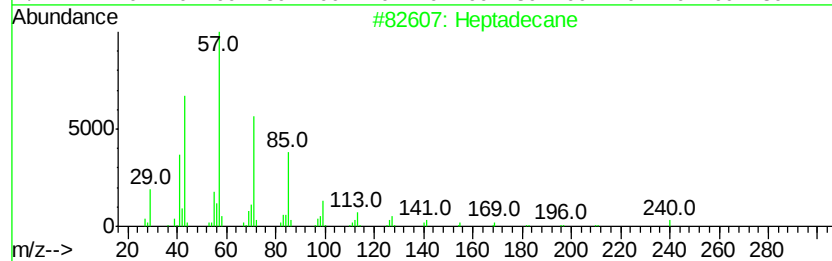
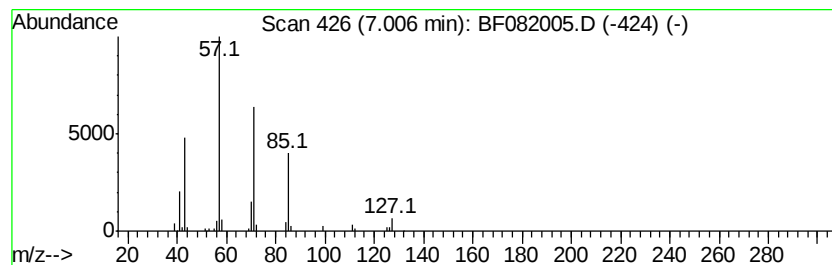
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	4.69 ng	140425	1,4-Dichlorobenzene-d4	6.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	78
2	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	74
3	Hexadecane		226	C16H34	000544-76-3	74
4	Tridecane, 6-methyl-		198	C14H30	013287-21-3	64
5	Decane, 3-methyl-		156	C11H24	013151-34-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3D(1-1.5)

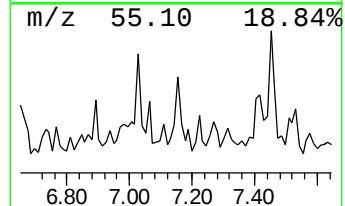
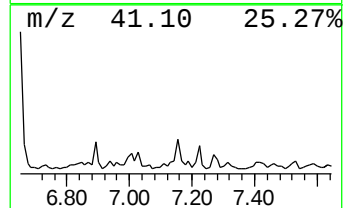
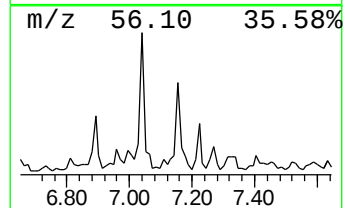
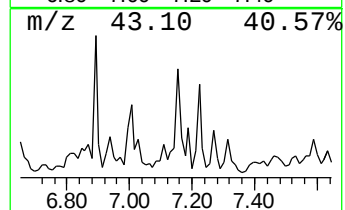
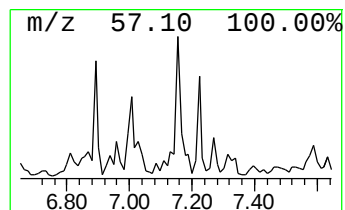
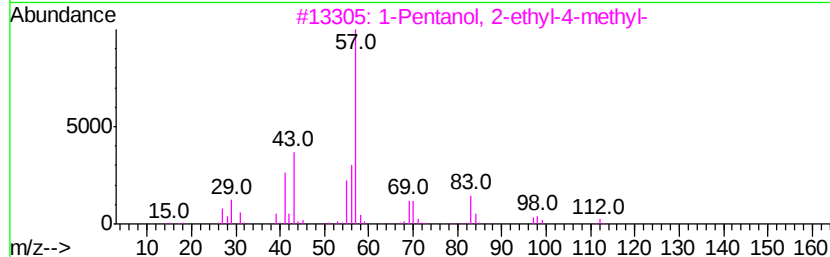
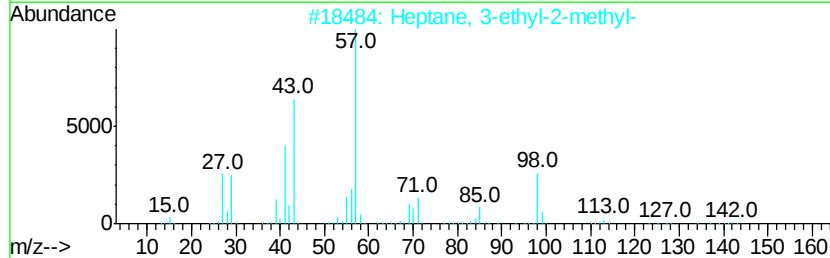
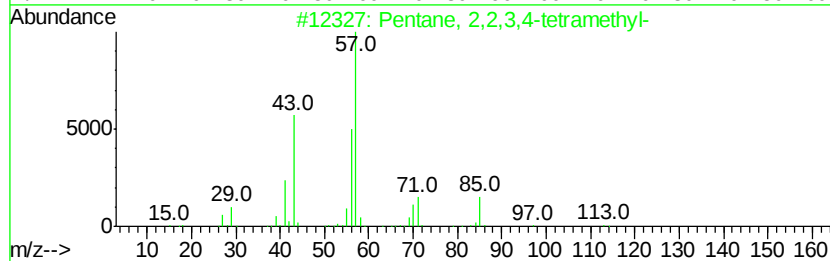
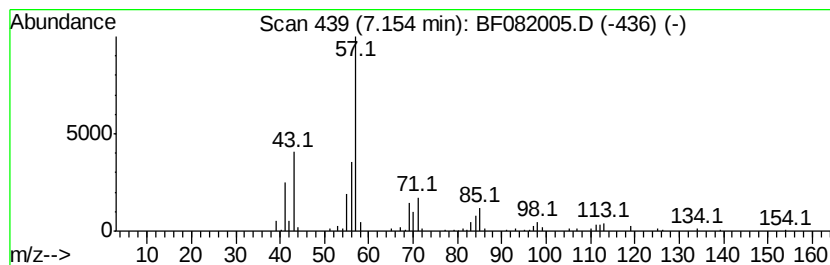
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	9.39 ng	281057	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5			Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3D(1-1.5)

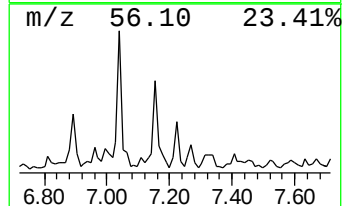
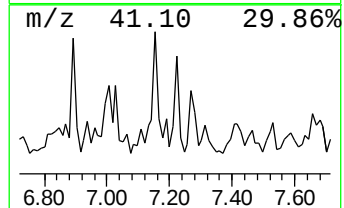
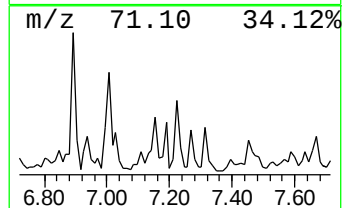
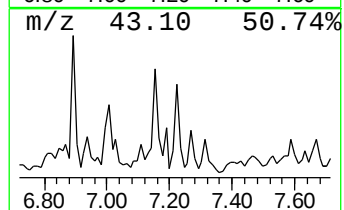
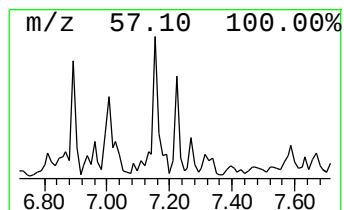
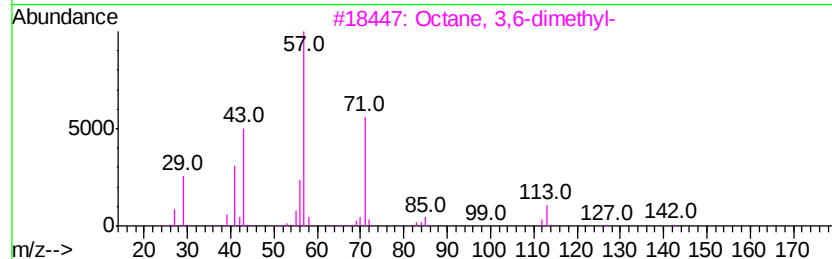
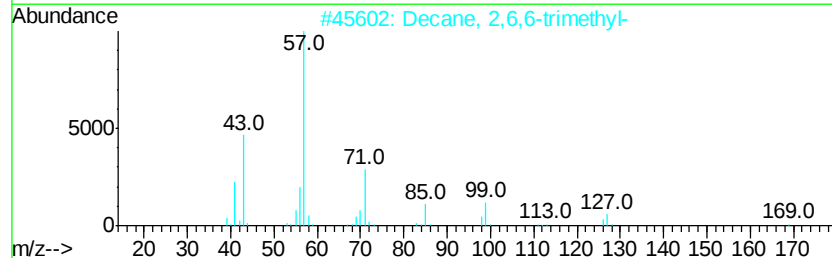
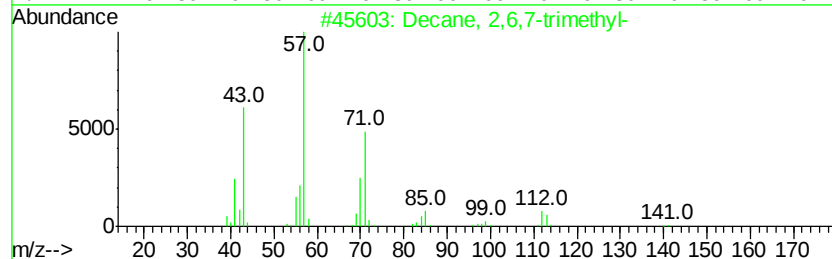
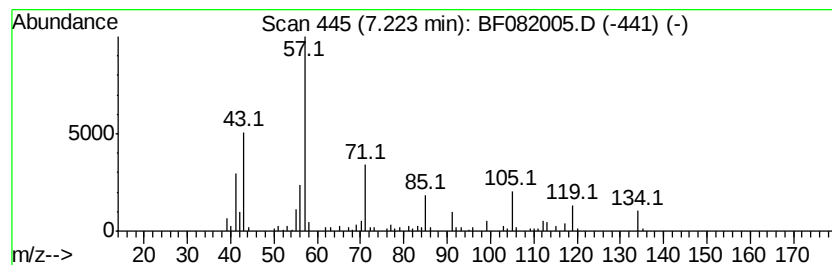
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	8.60 ng	257275	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	43
2			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	43
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-3D(1-1.5)

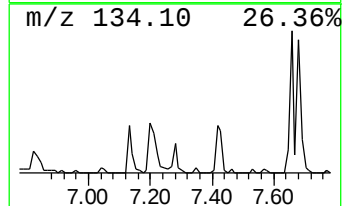
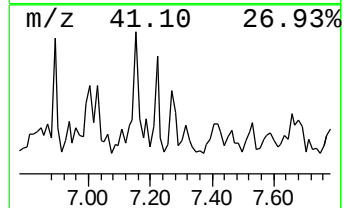
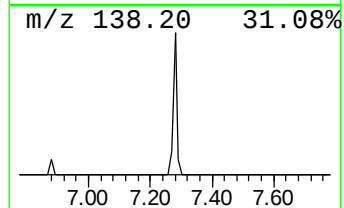
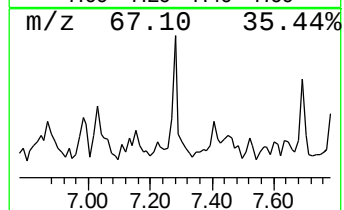
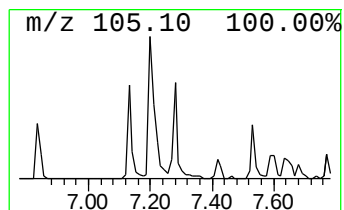
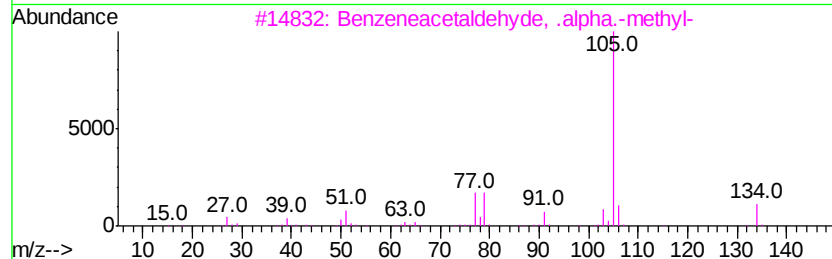
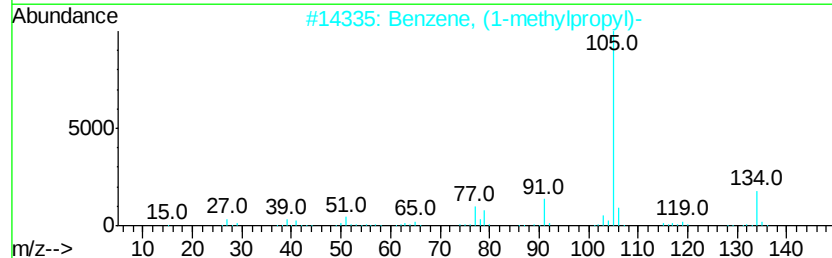
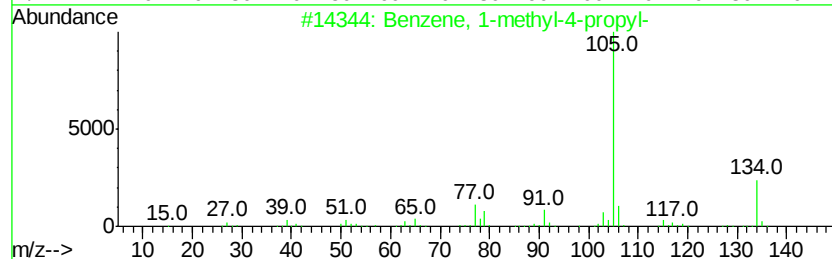
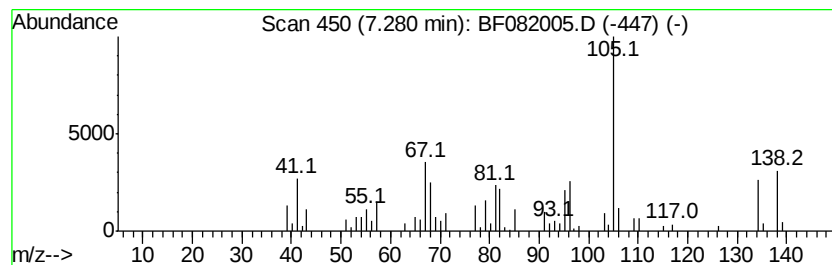
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown7.28 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	4.65 ng	139145	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	30
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
4			2-Indanol	134	C9H10O	004254-29-9	22
5			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampled :
B-3D(1-1.5)

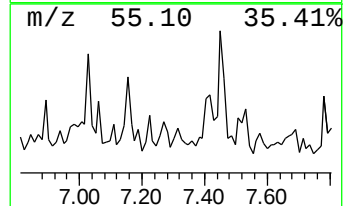
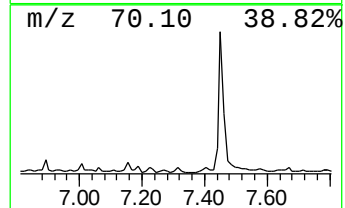
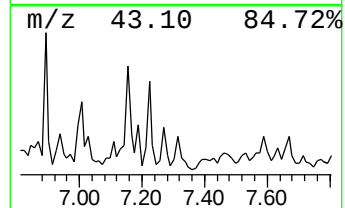
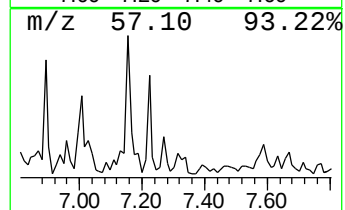
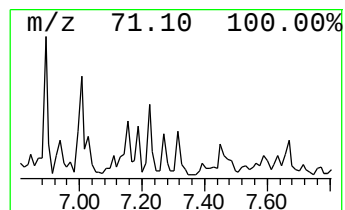
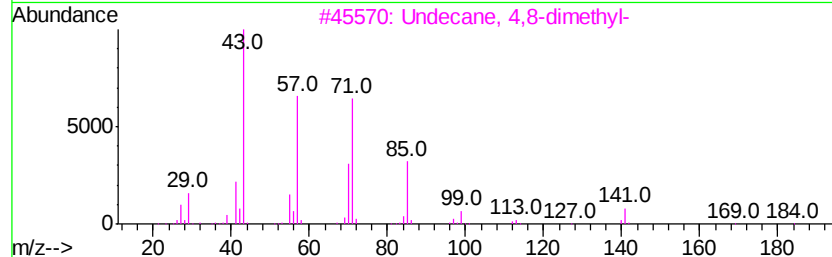
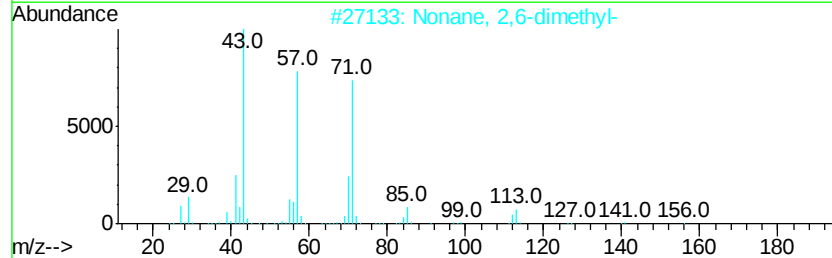
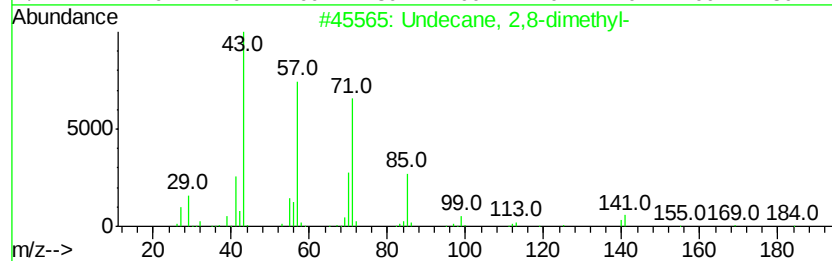
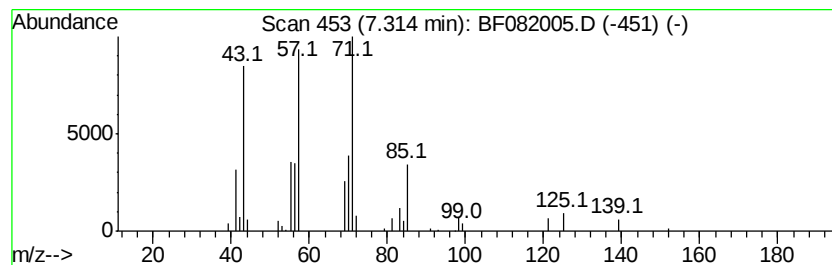
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 2,8-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	2.97 ng	88982	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	64
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
4		Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
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Instrument :
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ClientSampleId :
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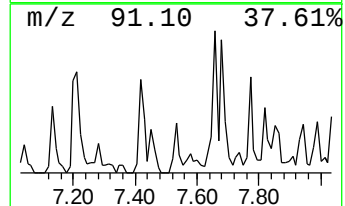
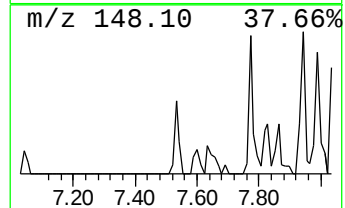
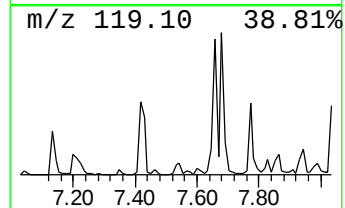
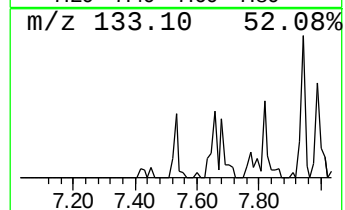
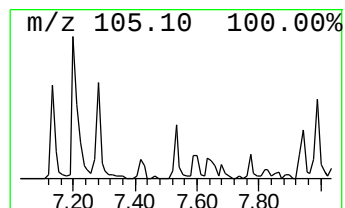
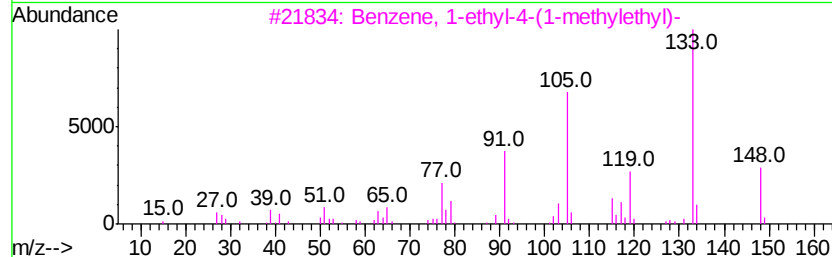
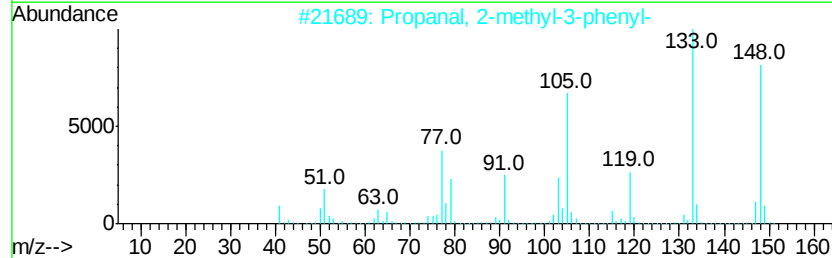
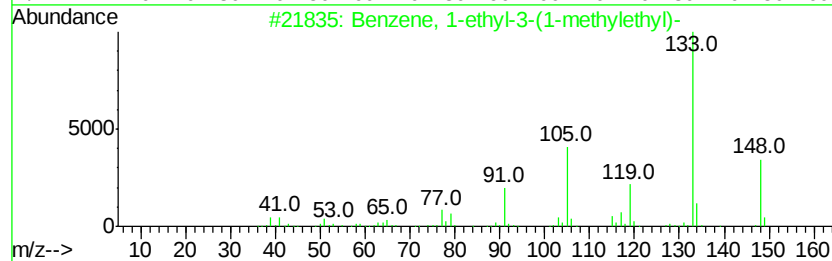
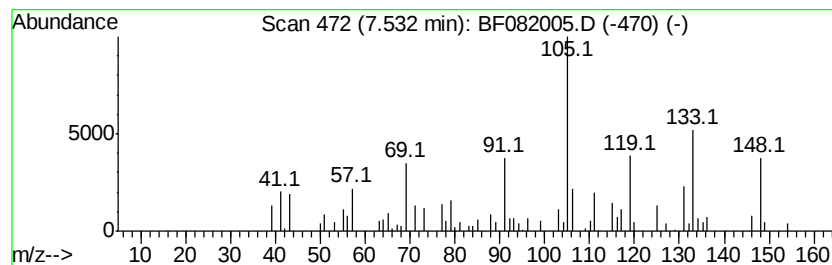
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown7.53 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	2.85 ng	145654	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
2		Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	45
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43
4		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	43
5		Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
B-3D(1-1.5)

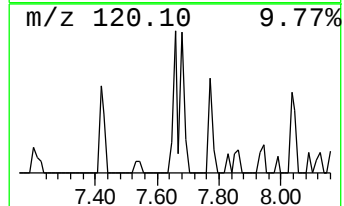
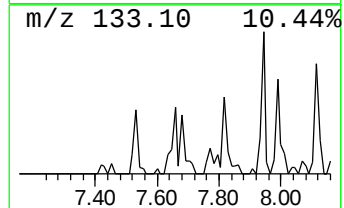
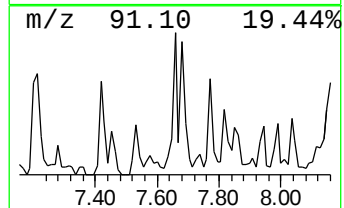
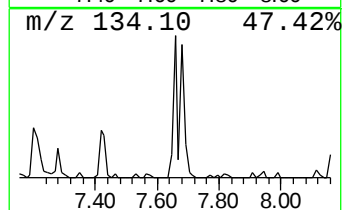
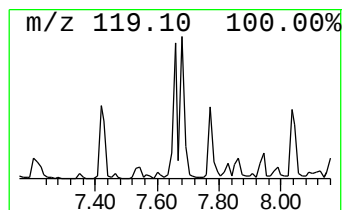
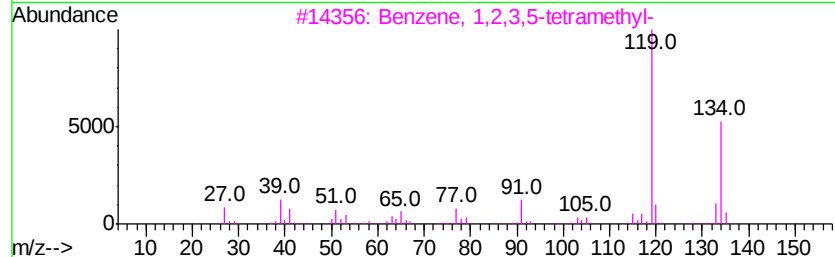
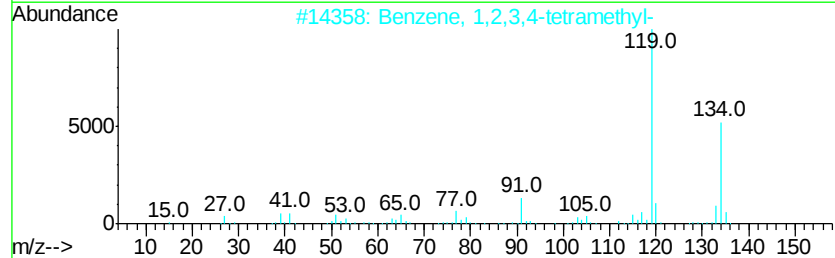
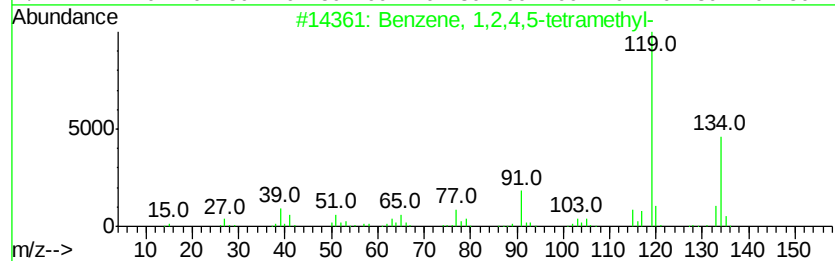
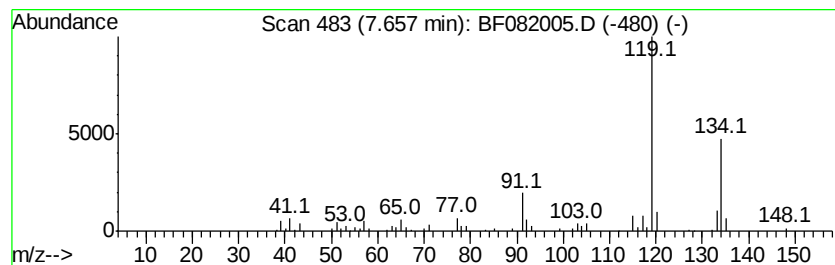
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	3.99 ng	203785	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
B-3D(1-1.5)

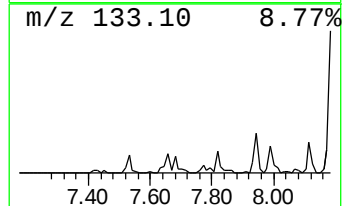
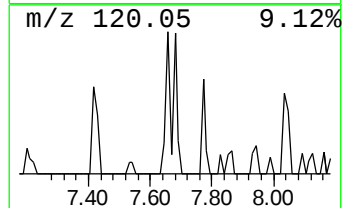
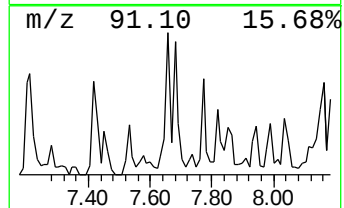
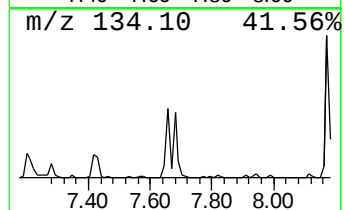
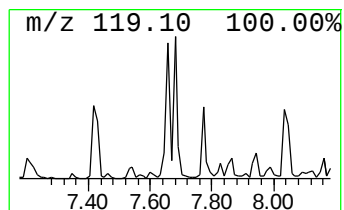
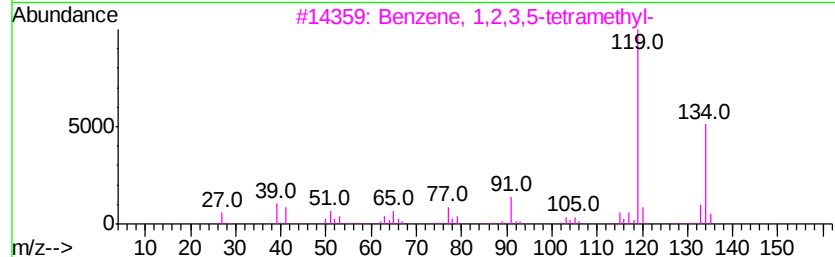
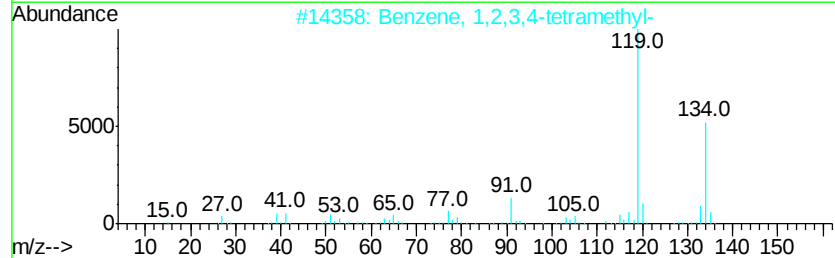
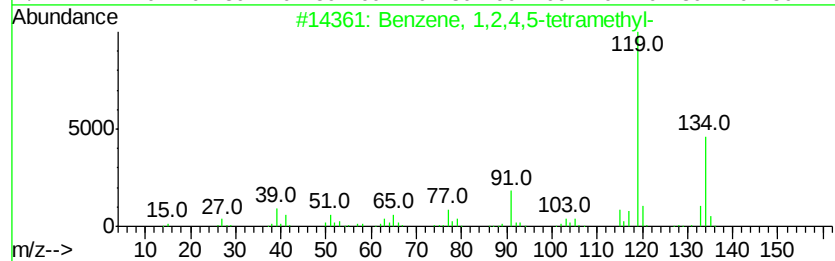
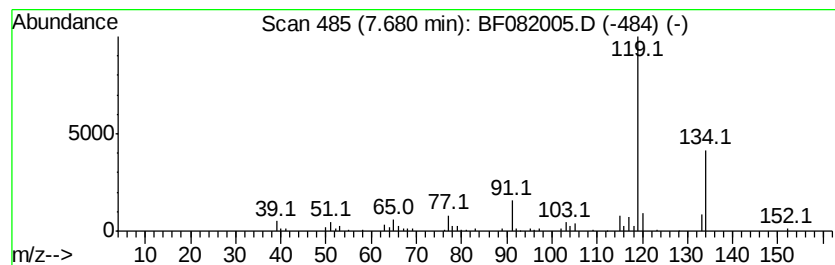
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.02 ng	154453	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082005.D
Acq On : 3 Oct 2015 5:33
Operator : UM/IZ
Sample : G3897-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3D(1-1.5)

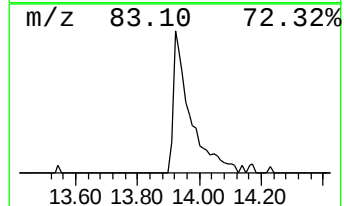
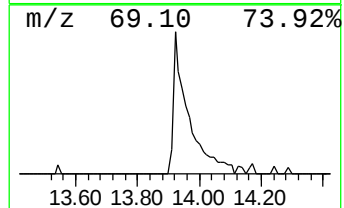
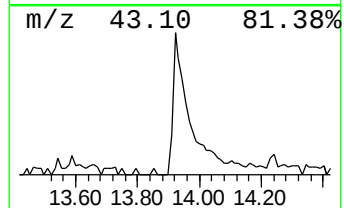
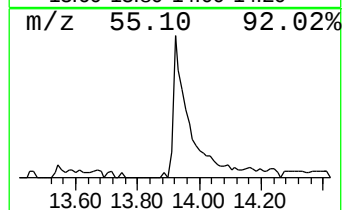
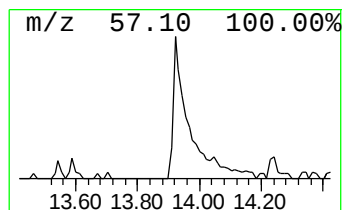
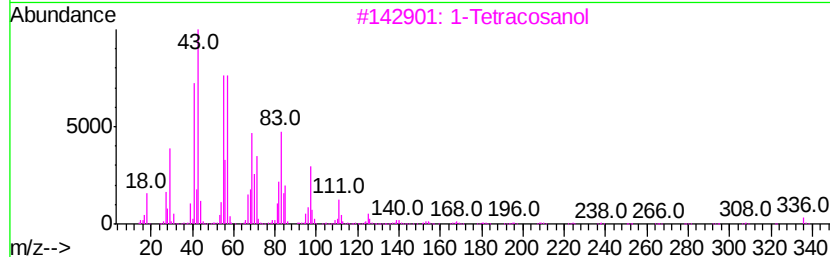
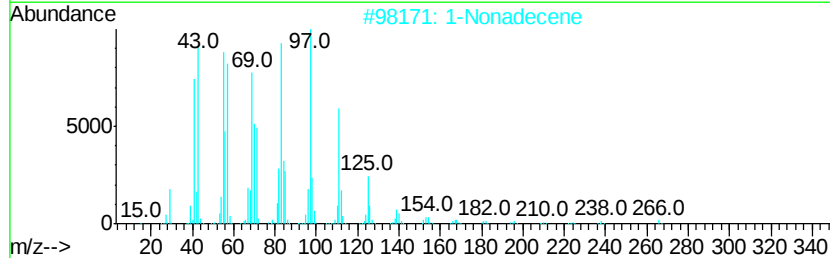
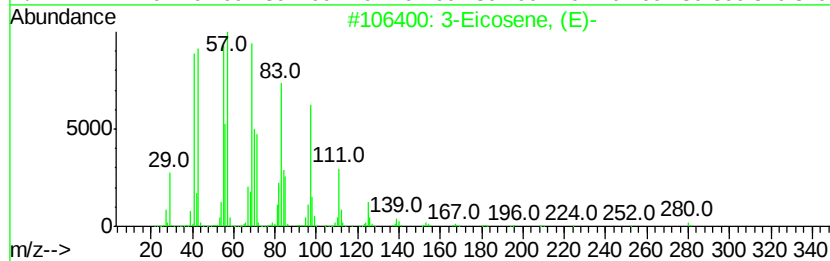
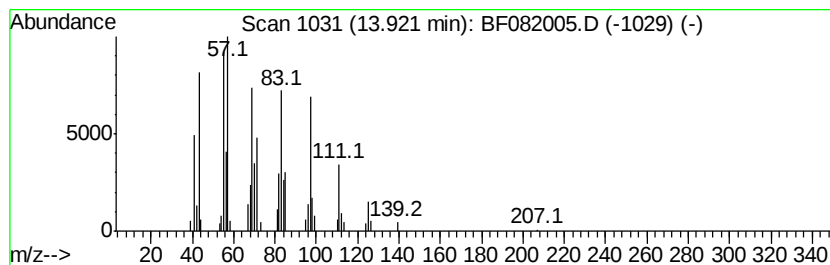
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	5.65 ng	273242	Chrysene-d12	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2			1-Nonadecene	266	C19H38	018435-45-5	90
3			1-Tetracosanol	354	C24H50O	000506-51-4	87
4			1-Heptadecanol	256	C17H36O	001454-85-9	87
5			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082005.D
 Acq On : 3 Oct 2015 5:33
 Operator : UM/IZ
 Sample : G3897-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3D(1-1.5)

Quant Method : H:\HPCHEM1\BNA_F\Method\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
Heptane, 2,5-dime...	4.98	2.8 ng		85010	1	6.89	598475	20.0
2-Pentanone, 4-hy...	5.07	54.4 ng		1628880	1	6.89	598475	20.0
Octane, 4-methyl-	5.35	2.8 ng		82723	1	6.89	598475	20.0
Cyclohexane, 1-et...	5.90	3.1 ng		91458	1	6.89	598475	20.0
unknown6.02	6.02	3.4 ng		102202	1	6.89	598475	20.0
Cyclohexanecarbox...	6.13	5.4 ng		161031	1	6.89	598475	20.0
Decane, 2,5,6-tri...	6.31	3.6 ng		107419	1	6.89	598475	20.0
Nonane, 4-methyl-	6.38	5.1 ng		152353	1	6.89	598475	20.0
trans-3-Decene	6.41	3.0 ng		91050	1	6.89	598475	20.0
unknown6.65	6.65	91.2 ng		2729850	1	6.89	598475	20.0
Heptadecane	7.01	4.7 ng		140425	1	6.89	598475	20.0
Pentane, 2,2,3,4-...	7.15	9.4 ng		281057	1	6.89	598475	20.0
unknown7.22	7.22	8.6 ng		257275	1	6.89	598475	20.0
unknown7.28	7.28	4.7 ng		139145	1	6.89	598475	20.0
Undecane, 2,8-dim...	7.31	3.0 ng		88982	1	6.89	598475	20.0
unknown7.53	7.53	2.9 ng		145654	2	8.17	1022030	20.0
Benzene, 1,2,4,5-...	7.66	4.0 ng		203785	2	8.17	1022030	20.0
Benzene, 1,2,3,4-...	7.68	3.0 ng		154453	2	8.17	1022030	20.0
3-Eicosene, (E)-	13.92	5.7 ng		273242	5	14.07	966831	20.0