

Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
 Data File : BF093752.D
 Acq On : 18 Mar 2017 14:28
 Operator : SJ/MA
 Sample : I2277-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9003

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-BF031817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.138	20	22	34	rVB	121132	161727	3.03%	0.187%
2	3.178	110	113	122	rBV2	16016	58338	1.09%	0.067%
3	5.030	272	275	280	rBV	640666	854360	16.00%	0.985%
4	5.453	308	312	314	rBV	4177747	4757749	89.12%	5.487%
5	5.853	345	347	350	rVB	61194	60549	1.13%	0.070%
6	6.390	392	394	398	rVB3	48635	81991	1.54%	0.095%
7	6.482	398	402	404	rBV	3751450	5315820	99.57%	6.131%
8	6.619	410	414	416	rBV	3788790	5034602	94.31%	5.806%
9	6.699	419	421	424	rVV	384065	390687	7.32%	0.451%
10	6.802	424	430	431	rVV3	141669	348312	6.52%	0.402%
11	6.847	431	434	435	rVV	1541947	1564569	29.31%	1.804%
12	6.882	435	437	438	rVV	617325	641536	12.02%	0.740%
13	6.916	438	440	442	rVV	309851	539154	10.10%	0.622%
14	7.007	442	448	450	rVV	4055166	5226841	97.91%	6.028%
15	7.042	450	451	452	rVV	326003	291842	5.47%	0.337%
16	7.099	452	456	457	rVV2	336496	843206	15.79%	0.972%
17	7.144	457	460	461	rVV	956541	1442150	27.01%	1.663%
18	7.167	461	462	464	rVV	757654	945242	17.71%	1.090%
19	7.202	464	465	468	rVV	1141406	1600988	29.99%	1.846%
20	7.247	468	469	471	rVV	1348851	1738790	32.57%	2.005%
21	7.282	471	472	476	rVV3	387180	1065106	19.95%	1.228%
22	7.339	476	477	479	rVV2	302766	550544	10.31%	0.635%
23	7.407	479	483	485	rVV	3303232	4895319	91.70%	5.646%
24	7.464	485	488	490	rVV	4384884	5297878	99.24%	6.110%
25	7.510	490	492	494	rVV2	784769	1501640	28.13%	1.732%
26	7.579	494	498	500	rVV2	886859	2377469	44.53%	2.742%
27	7.647	500	504	507	rVV3	863441	2892826	54.19%	3.336%
28	7.704	507	509	510	rVV	436964	707099	13.25%	0.815%
29	7.762	510	514	518	rVV5	836379	2664810	49.92%	3.073%
30	7.830	518	520	522	rVV	943787	1606013	30.08%	1.852%
31	7.864	522	523	524	rVV	863763	746926	13.99%	0.861%
32	7.899	524	526	528	rVV	1169914	1450787	27.18%	1.673%
33	7.945	528	530	531	rVV	781603	937188	17.56%	1.081%
34	7.967	531	532	534	rVV	297573	433277	8.12%	0.500%

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35	8.002	534	535	537	rVV2	192158	365065	6.84%	0.421%
36	8.082	540	542	544	rVV2	274475	556241	10.42%	0.641%
37	8.127	544	546	549	rVV	3025632	3331085	62.40%	3.842%
38	8.207	549	553	554	rVV	410552	749698	14.04%	0.865%
39	8.242	554	556	559	rVV2	186668	417294	7.82%	0.481%
40	8.310	559	562	563	rVV3	86575	175076	3.28%	0.202%
41	8.345	563	565	566	rVV2	81168	128366	2.40%	0.148%
42	8.436	569	573	576	rVV4	122730	325510	6.10%	0.375%
43	8.493	576	578	579	rVV2	66935	88476	1.66%	0.102%
44	8.527	579	581	582	rVV	75482	95354	1.79%	0.110%
45	8.562	582	584	589	rVB2	69934	156332	2.93%	0.180%
46	8.733	597	599	606	rBV	96324	113184	2.12%	0.131%
47	9.213	638	641	643	rVB	3904913	5338535	100.00%	6.157%
48	9.602	672	675	676	rBV	329356	339904	6.37%	0.392%
49	9.876	697	699	702	rVB	1404054	1682146	31.51%	1.940%
50	10.322	737	738	740	rVB	54706	70583	1.32%	0.081%
51	10.550	754	758	761	rBV	50459	85951	1.61%	0.099%
52	10.665	765	768	771	rVV	2708490	2809029	52.62%	3.240%
53	10.802	778	780	784	rVB	122840	178386	3.34%	0.206%
54	11.248	816	819	820	rBV2	92435	87595	1.64%	0.101%
55	11.282	820	822	824	rVB	51864	58904	1.10%	0.068%
56	11.362	826	829	831	rVB	1643321	1683815	31.54%	1.942%
57	11.899	874	876	881	rVB2	160545	173183	3.24%	0.200%
58	12.676	943	944	948	rBV	45507	66335	1.24%	0.077%
59	12.951	965	968	970	rBV	4115874	4729275	88.59%	5.454%
60	13.854	1044	1047	1056	rBV	227281	351949	6.59%	0.406%
61	13.991	1056	1059	1061	rBV	1241142	1573789	29.48%	1.815%
62	14.482	1099	1102	1108	rBV3	25435	59911	1.12%	0.069%
63	15.100	1153	1156	1161	rBV	58675	76451	1.43%	0.088%
64	15.397	1179	1182	1185	rBV	915824	1219288	22.84%	1.406%
65	15.465	1185	1188	1195	rVB	78595	128225	2.40%	0.148%
66	15.877	1221	1224	1226	rBV	77577	122945	2.30%	0.142%
67	15.922	1226	1228	1236	rVB5	16801	56829	1.06%	0.066%
68	16.357	1262	1266	1272	rBV	64303	124528	2.33%	0.144%
69	16.917	1310	1315	1319	rBV	37452	93525	1.75%	0.108%
70	17.568	1369	1372	1382	rVB2	25429	71703	1.34%	0.083%

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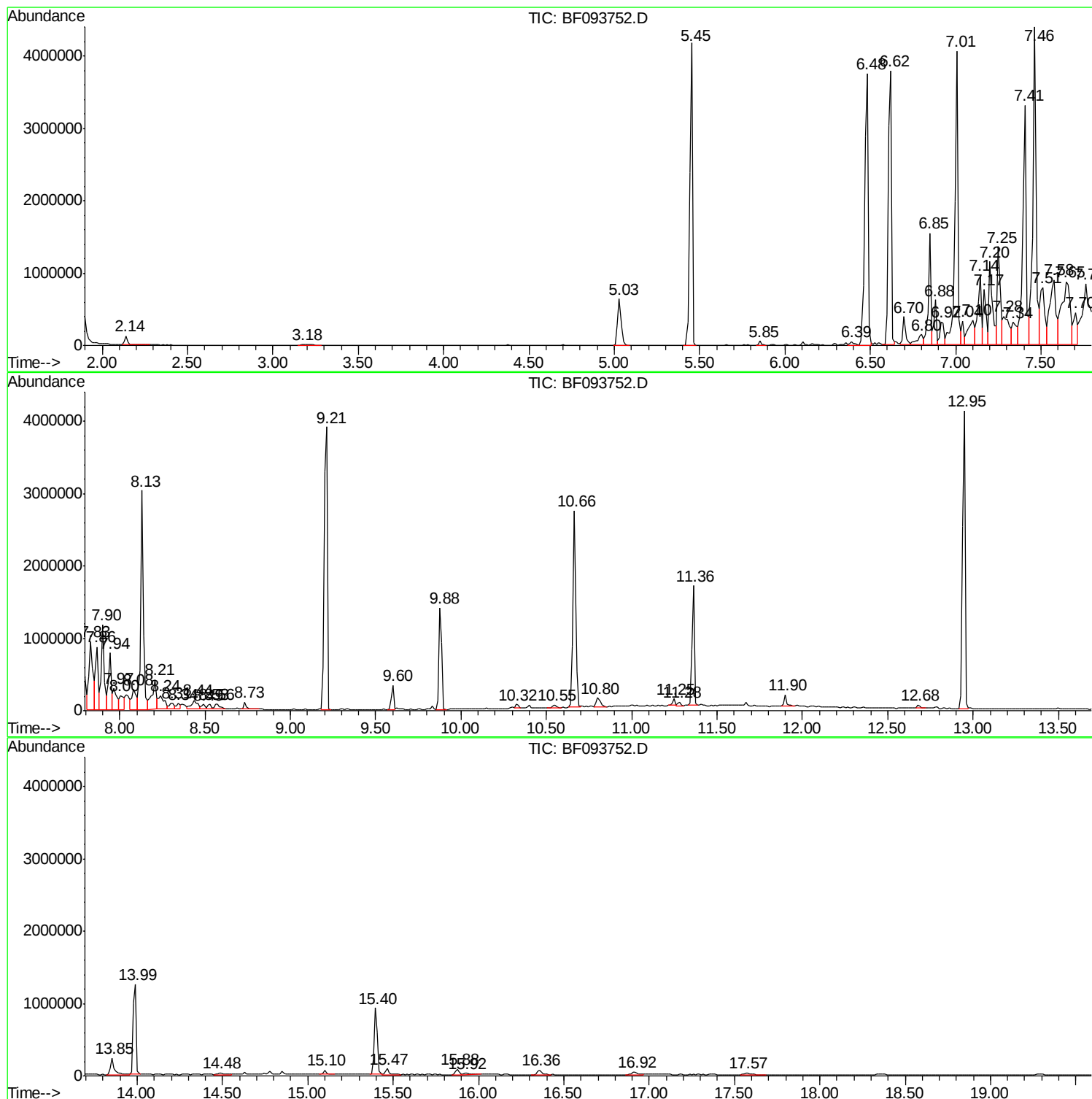
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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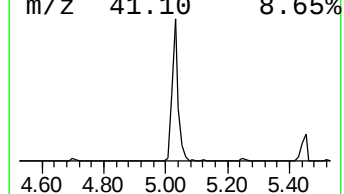
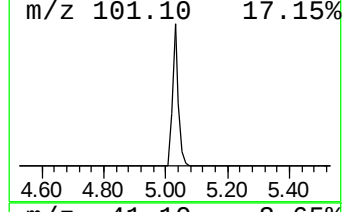
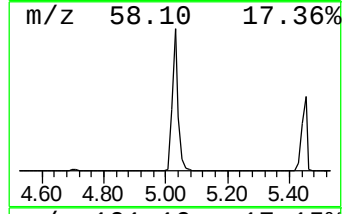
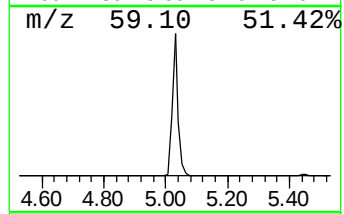
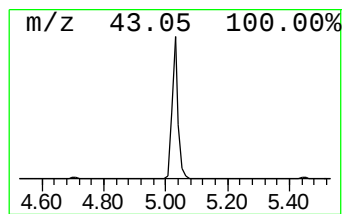
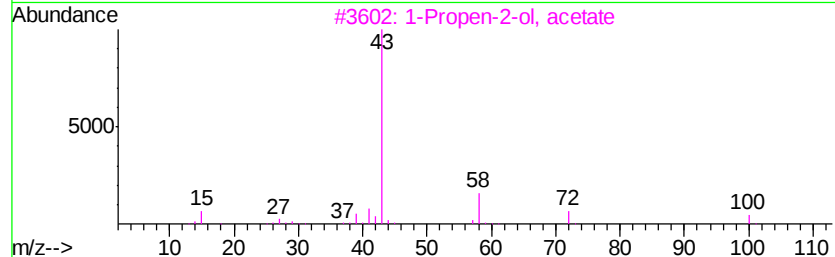
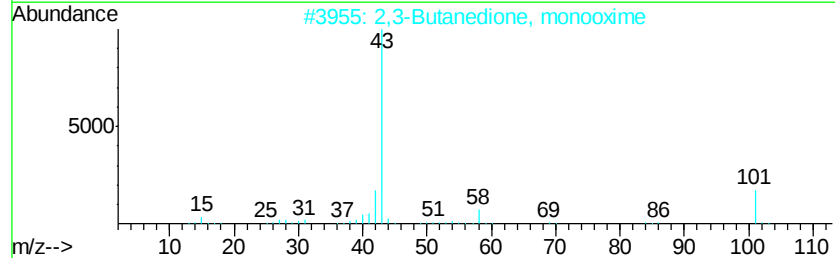
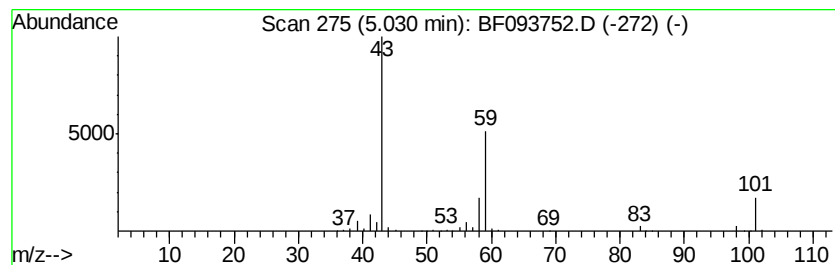
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	10.92 ng	854360	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9



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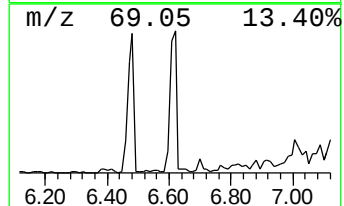
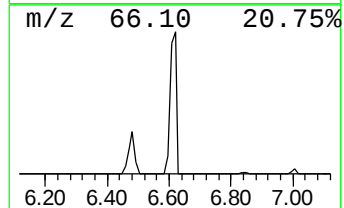
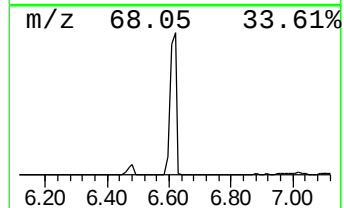
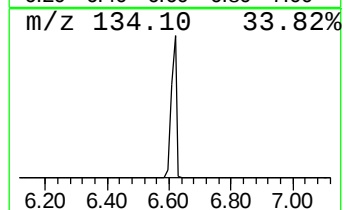
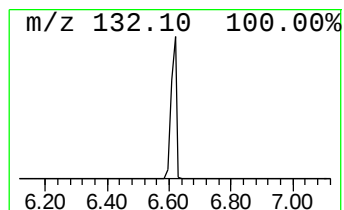
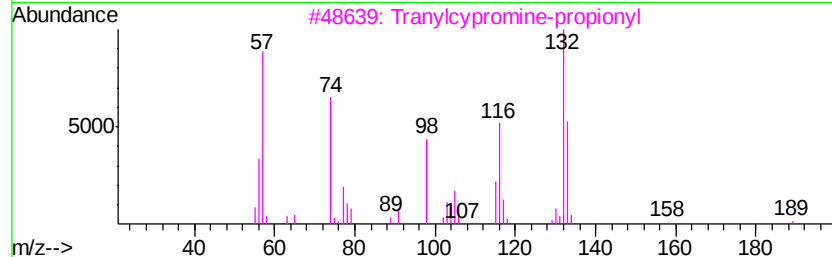
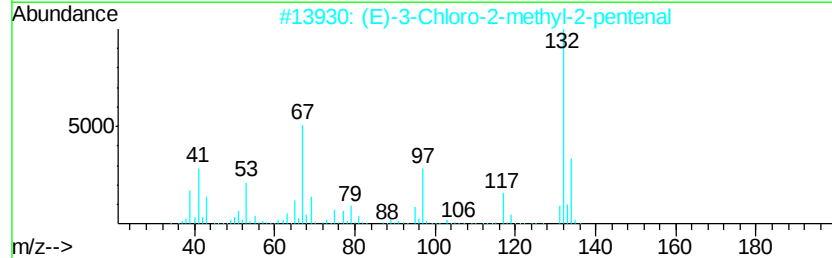
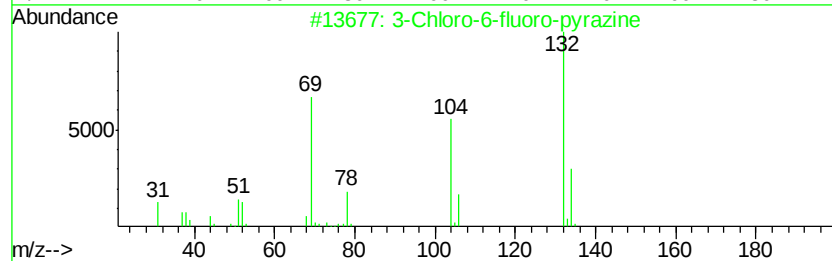
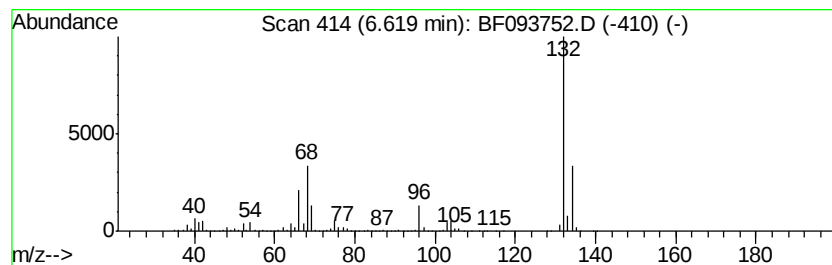
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	64.36 ng	5034600	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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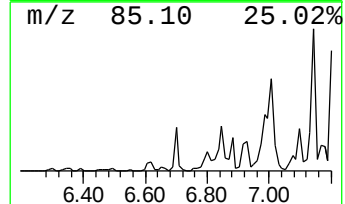
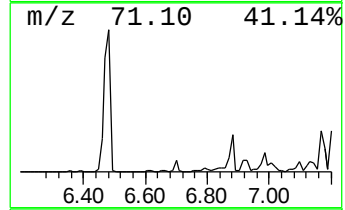
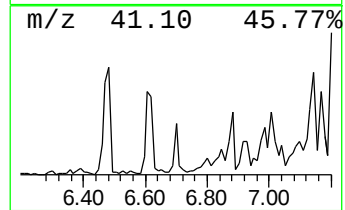
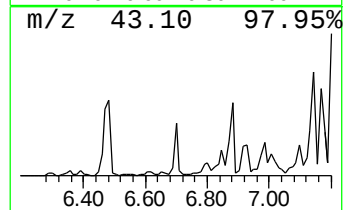
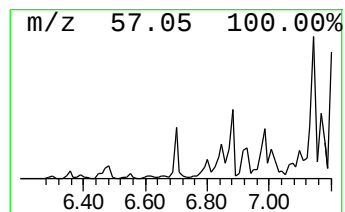
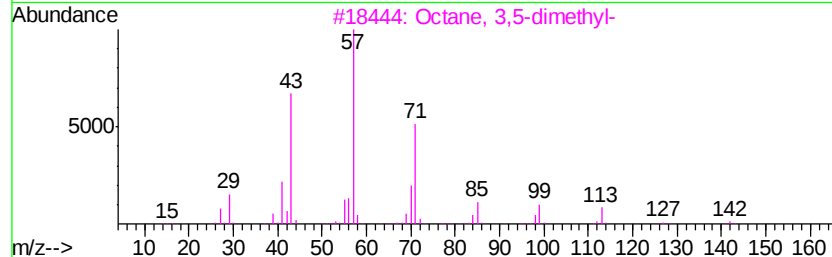
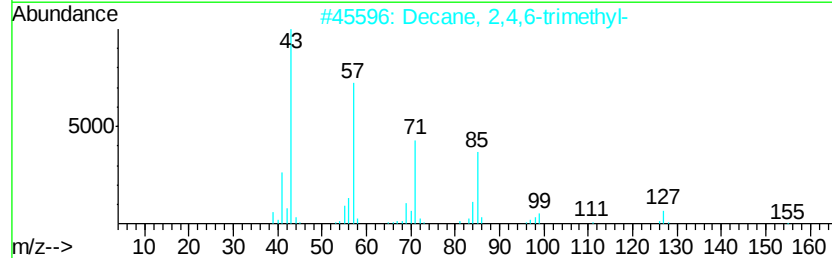
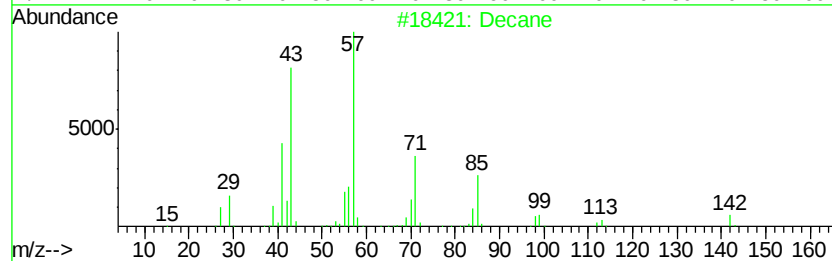
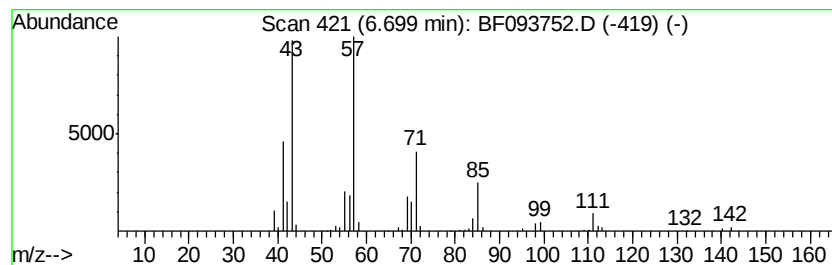
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.70	4.99 ng	390687	1,4-Dichlorobenzene-d4	6.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	80
2	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	59



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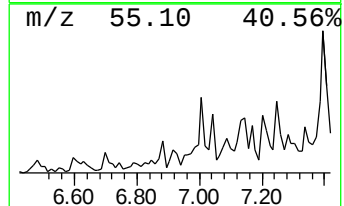
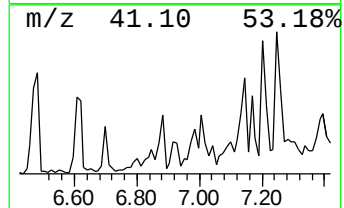
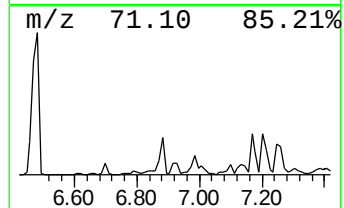
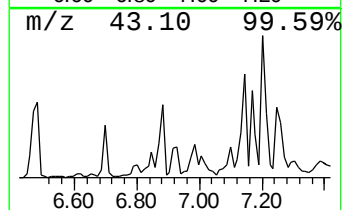
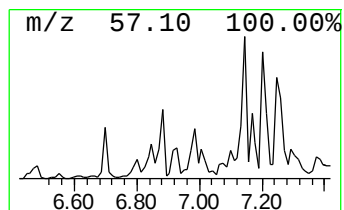
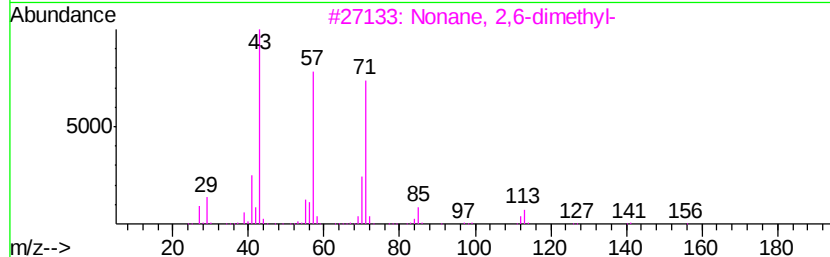
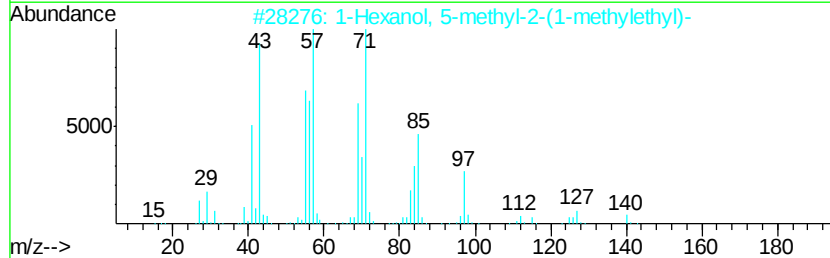
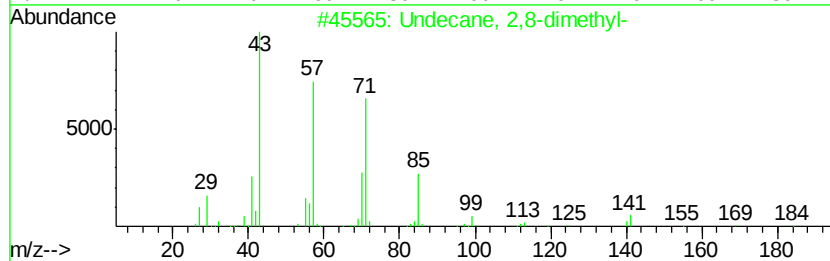
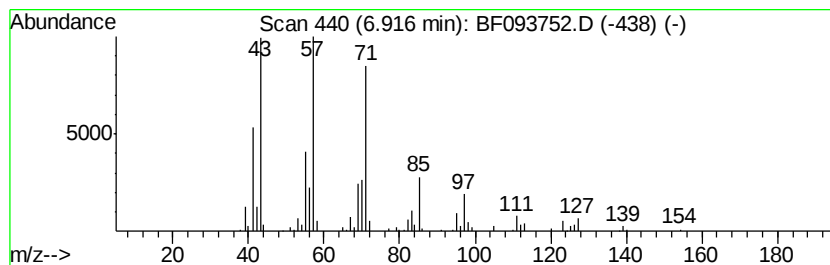
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 2,8-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	6.89 ng	539154	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
2			1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	59
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	47
5			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	47



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
Operator : SJ/MA
Sample : I2277-01
Misc :
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Instrument :
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ClientSampleID :
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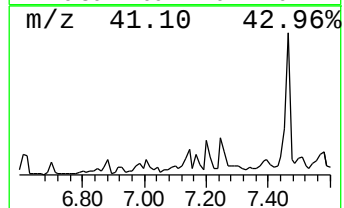
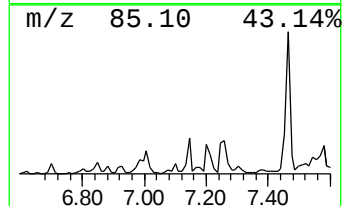
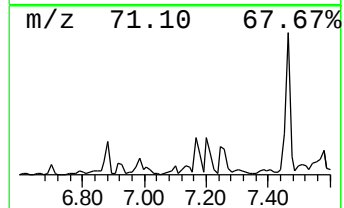
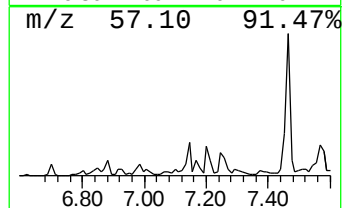
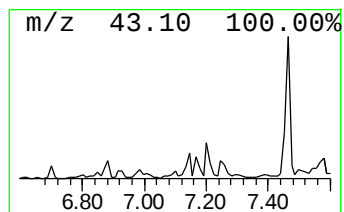
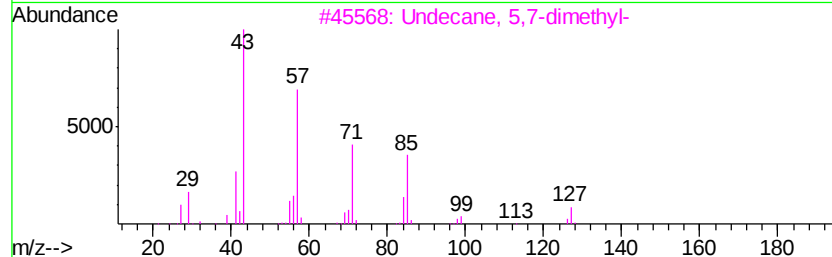
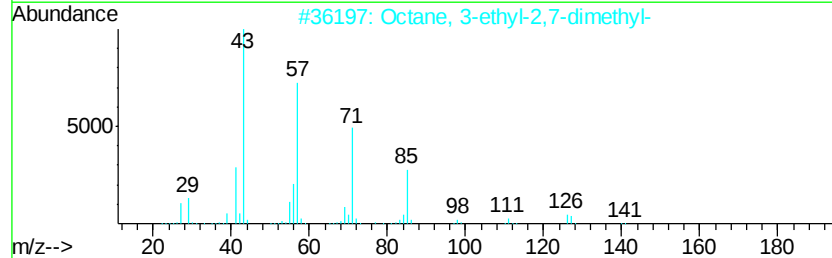
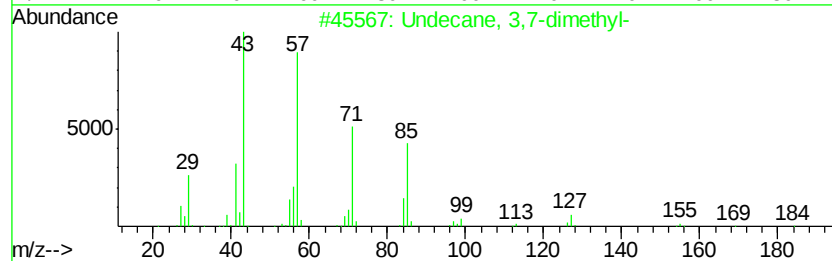
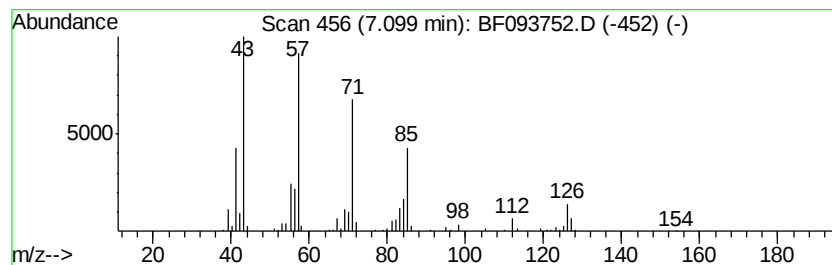
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 3,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	10.78 ng	843206	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	80
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
3		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
5		Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
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Sample : I2277-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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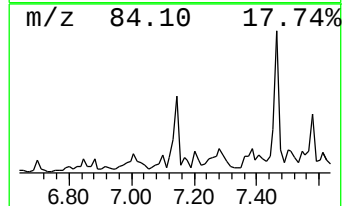
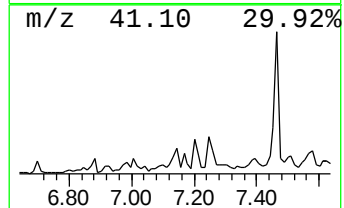
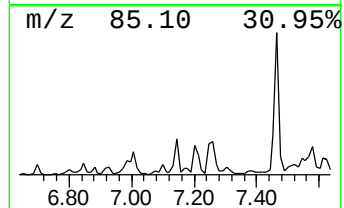
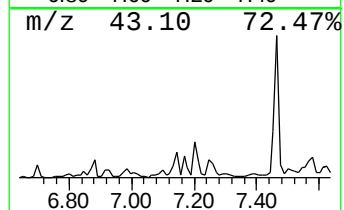
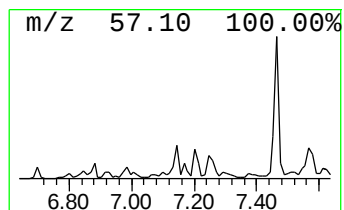
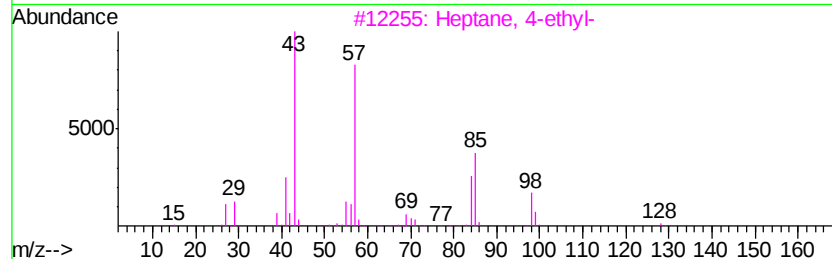
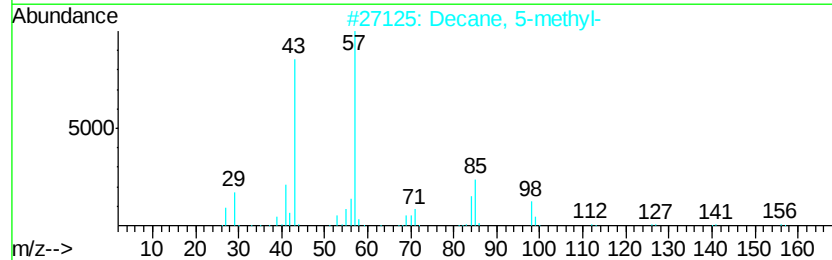
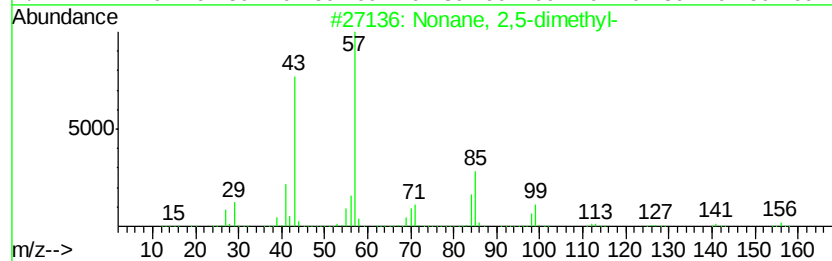
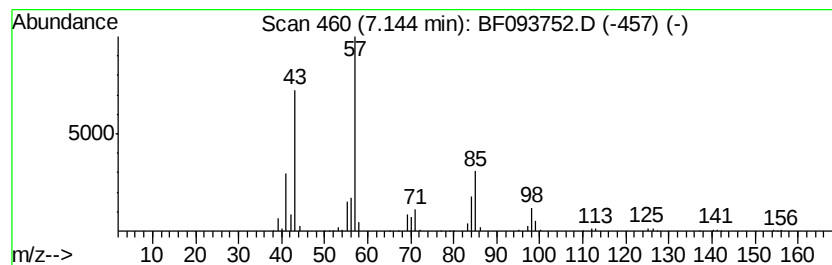
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	18.44 ng	1442150	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	81
2		Decane, 5-methyl-	156	C11H24	013151-35-4	78
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
4		4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	59
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

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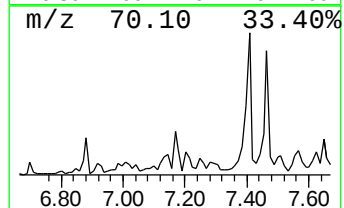
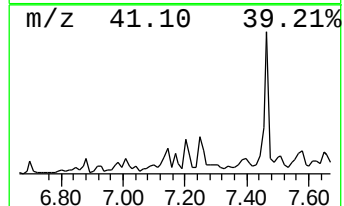
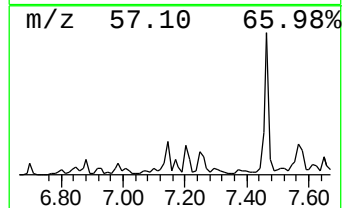
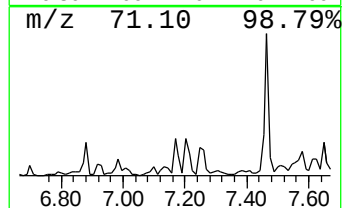
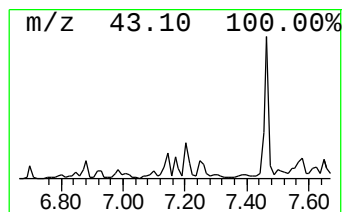
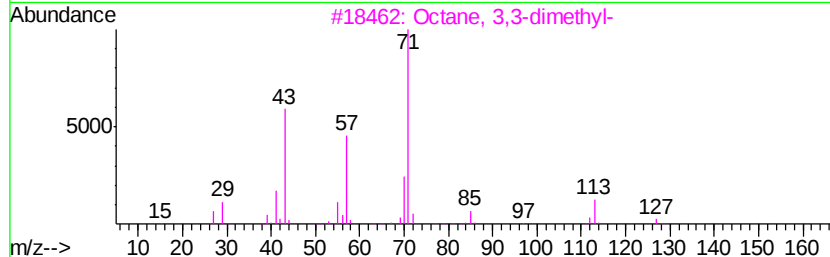
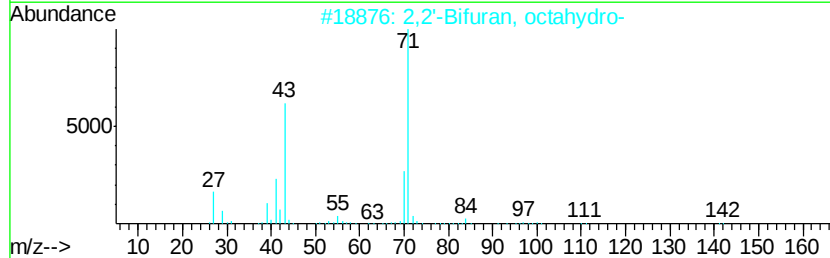
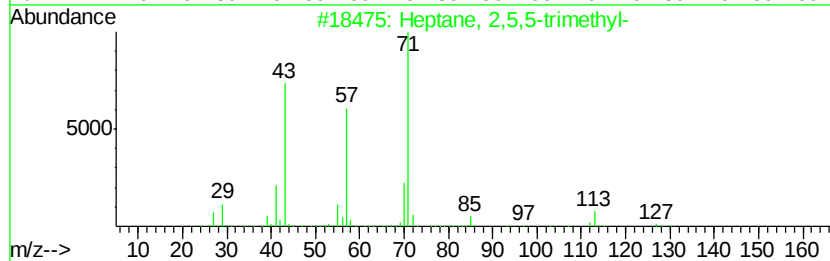
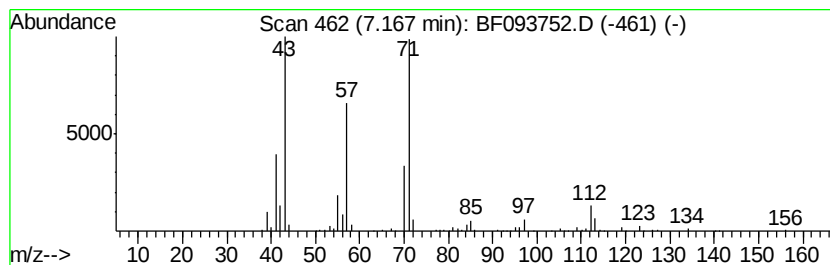
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptane, 2,5,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	12.08 ng	945242	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
2		2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	64
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
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Sample : I2277-01
Misc :
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Instrument :
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ClientSampleId :
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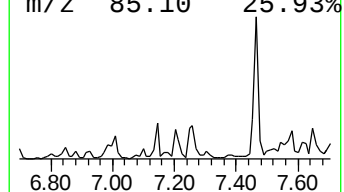
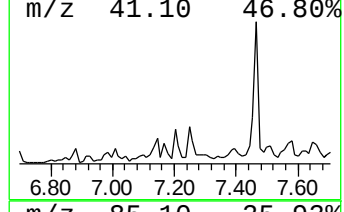
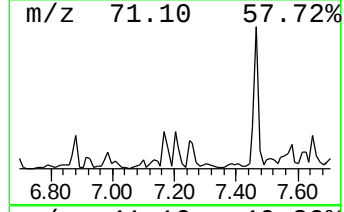
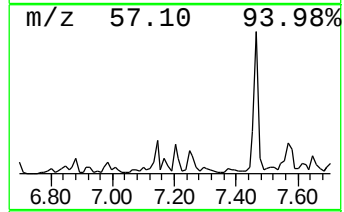
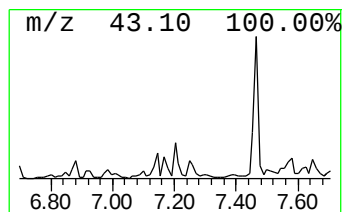
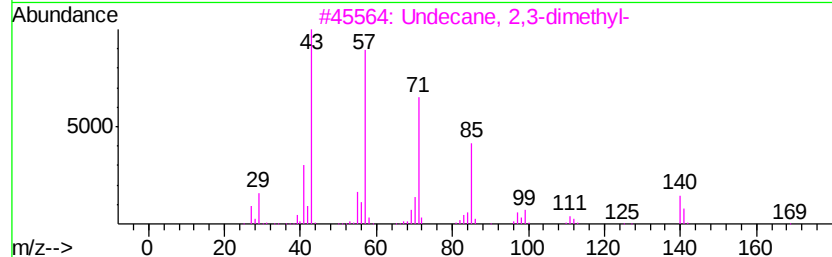
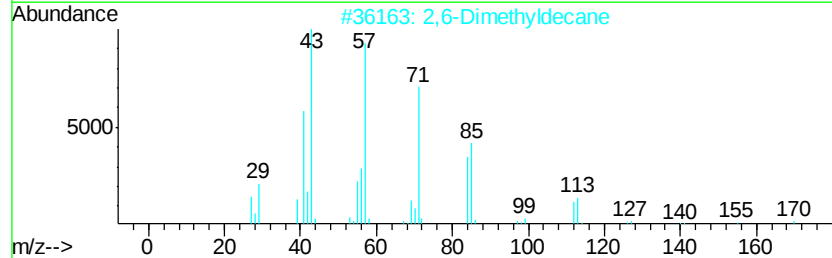
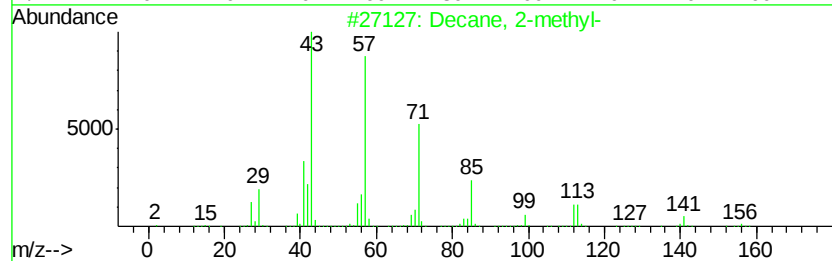
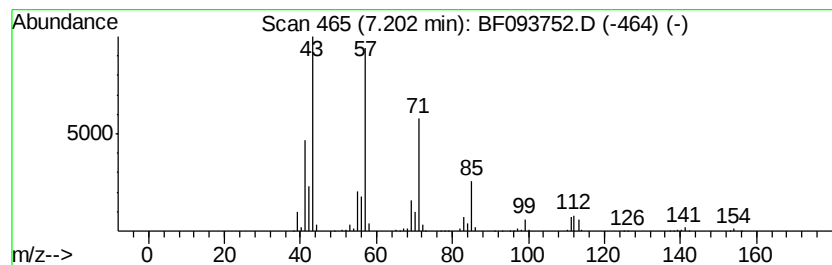
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	20.47 ng	1600990	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24		006975-98-0	72
2	2,6-Dimethyldecane	170	C12H26		013150-81-7	64
3	Undecane, 2,3-dimethyl-	184	C13H28		017312-77-5	64
4	Decane, 2,9-dimethyl-	170	C12H26		001002-17-1	64
5	Undecane, 2-methyl-	170	C12H26		007045-71-8	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

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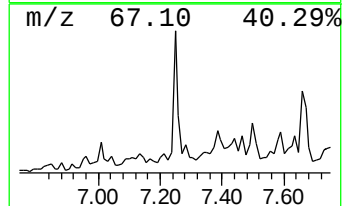
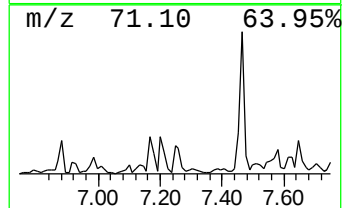
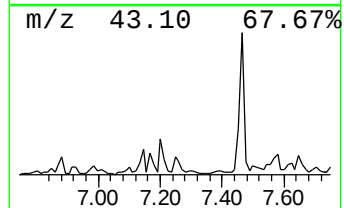
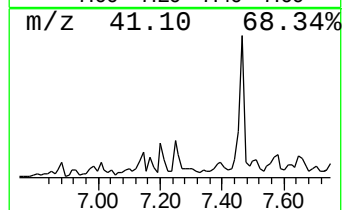
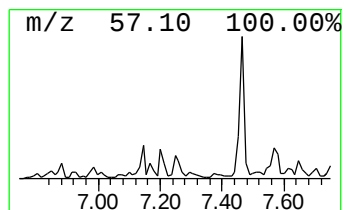
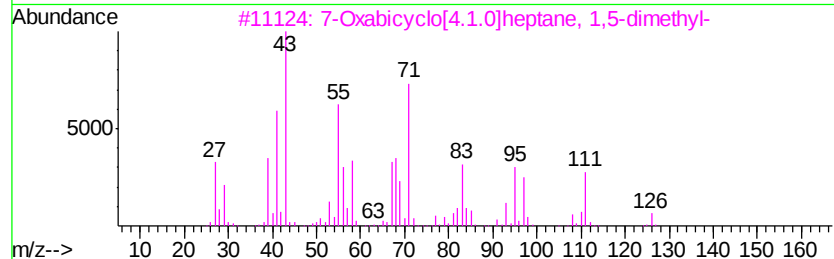
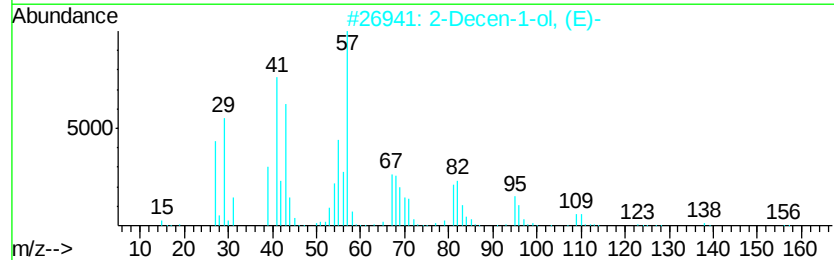
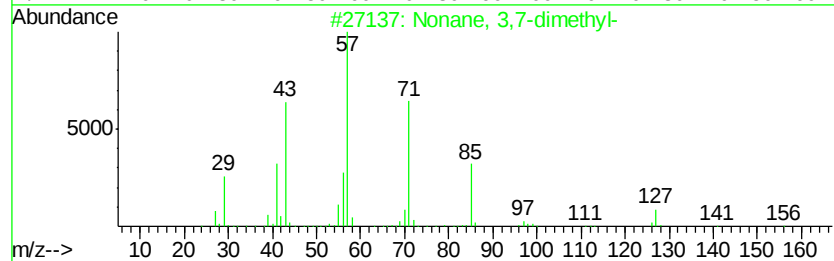
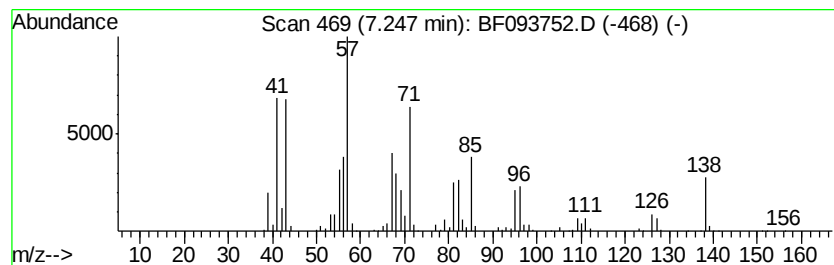
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonane, 3,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	22.23 ng	1738790	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
2		2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	43
3		7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	38
4		2-Decen-1-ol	156	C10H20O	022104-80-9	38
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
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Sample : I2277-01
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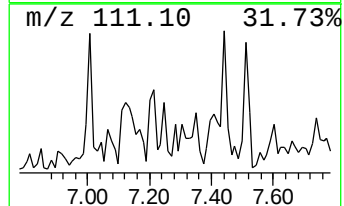
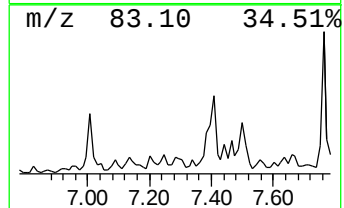
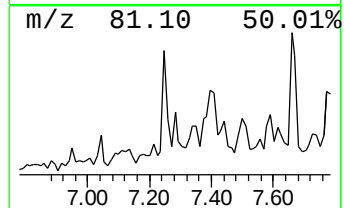
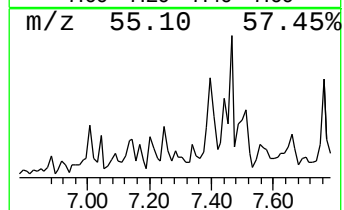
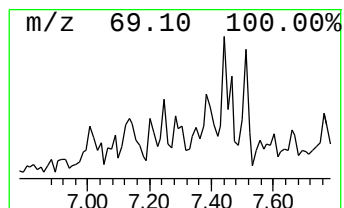
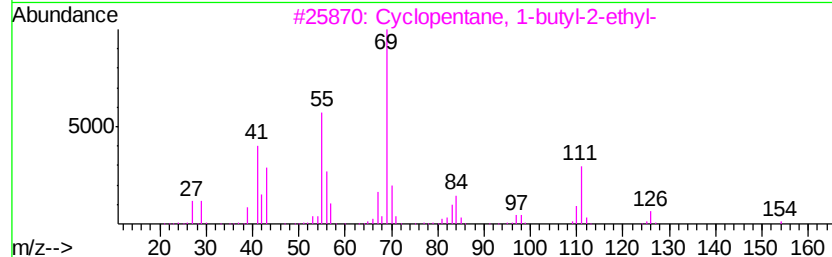
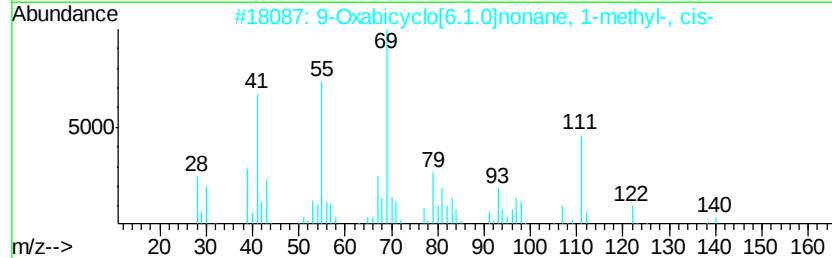
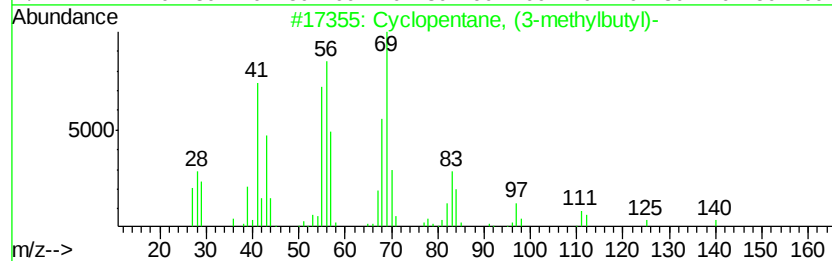
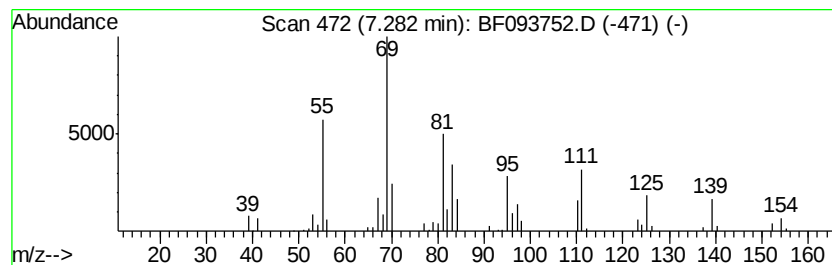
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.28 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	13.62 ng	1065110	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	49
2		9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	47
3		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	40
4		Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	40
5		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
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Acq On : 18 Mar 2017 14:28
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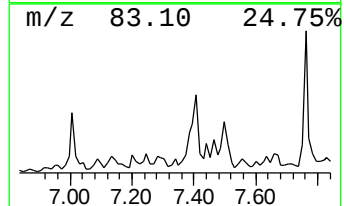
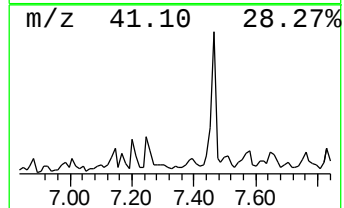
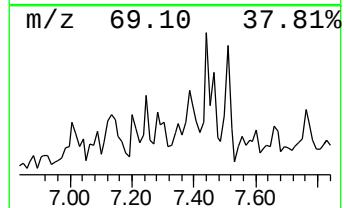
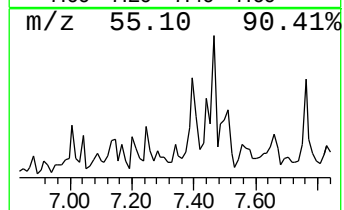
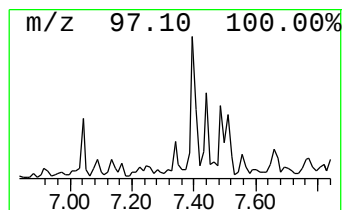
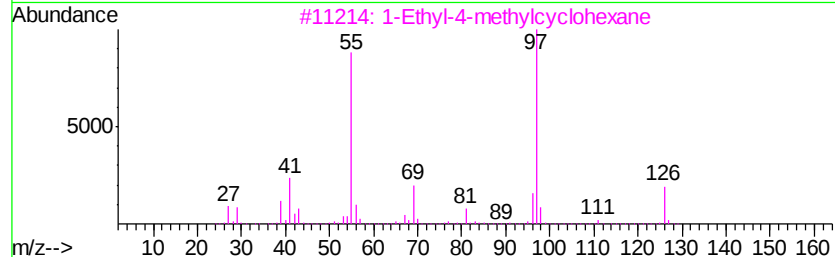
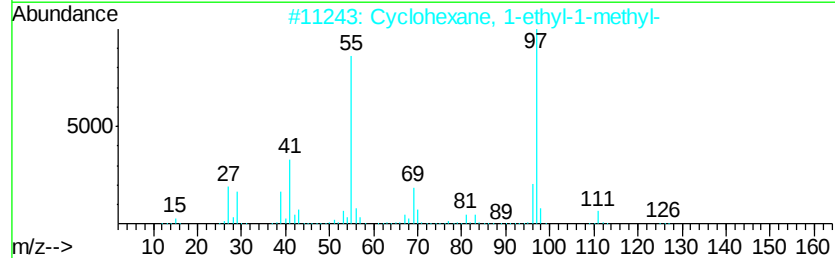
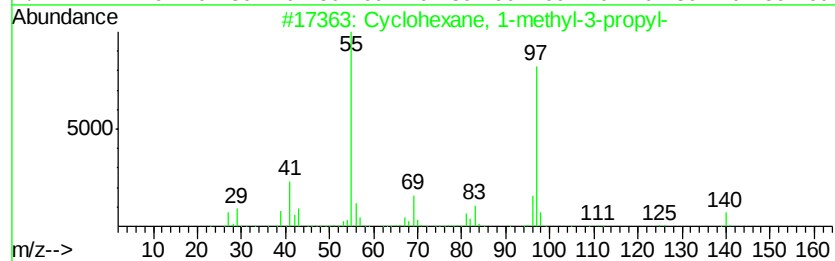
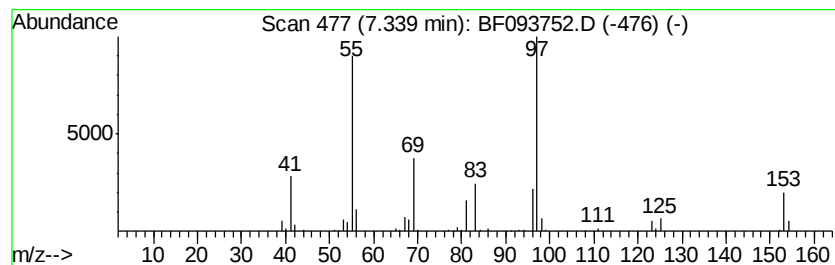
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, 1-methyl-3-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	7.04 ng	550544	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S39-9003

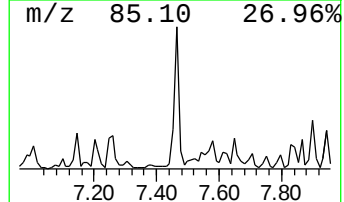
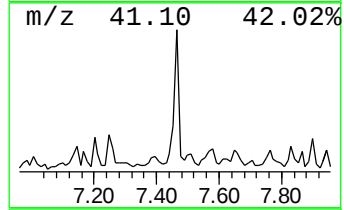
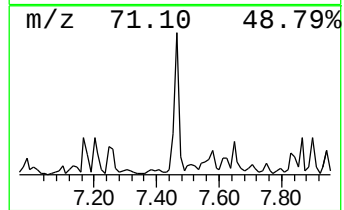
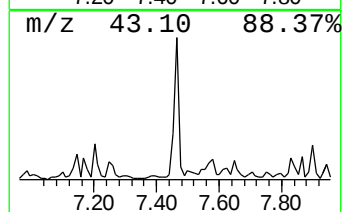
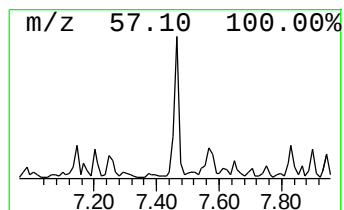
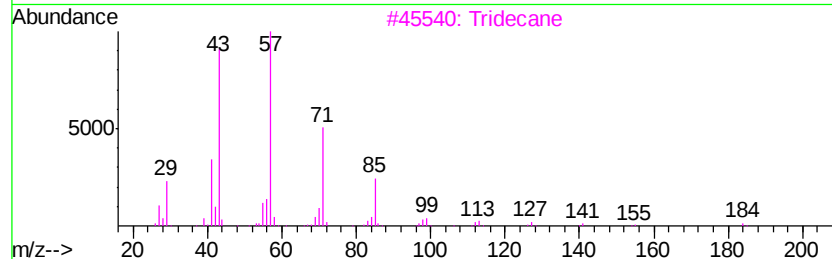
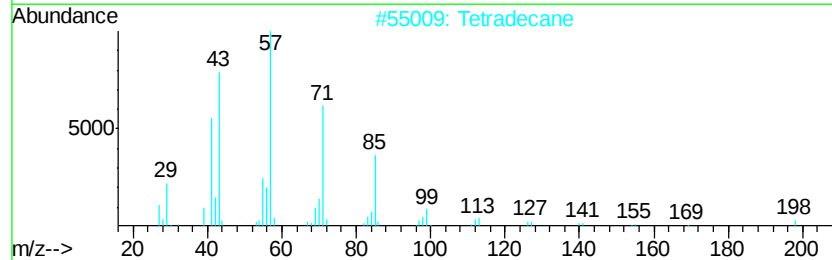
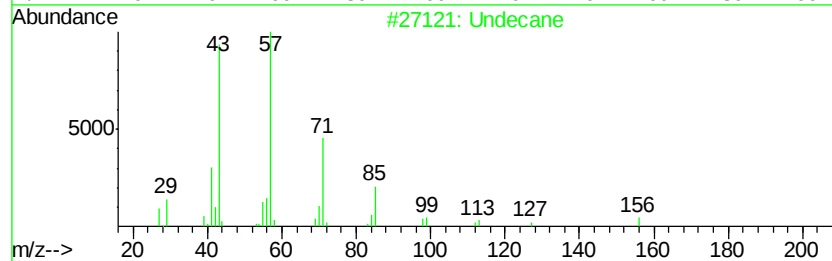
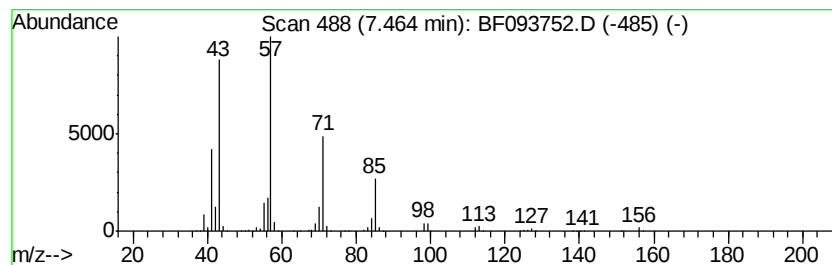
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	67.72 ng	5297880	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		Decane, 2-methyl-	156	C11H24	006975-98-0	80



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
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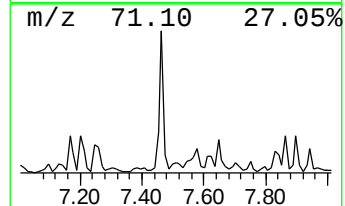
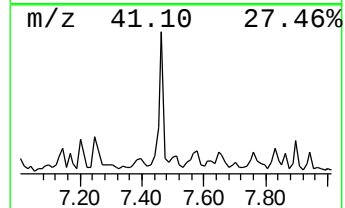
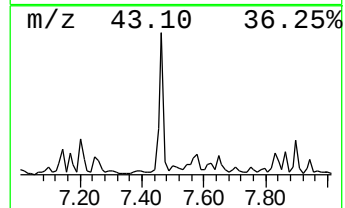
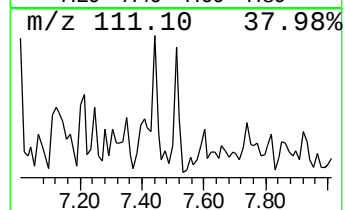
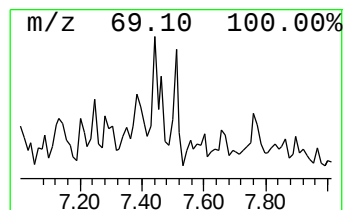
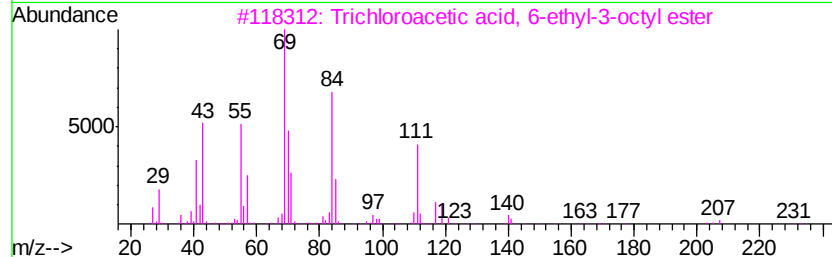
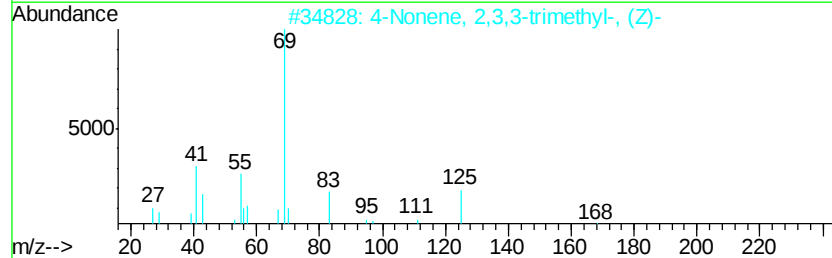
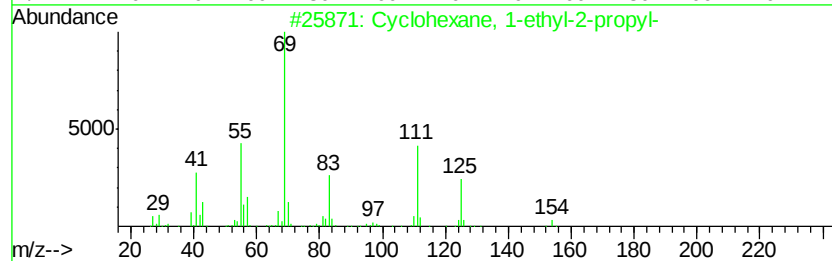
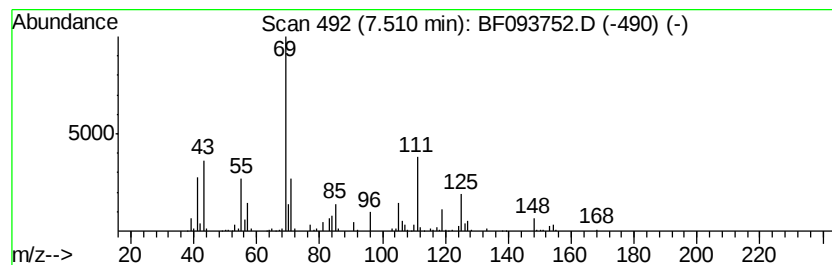
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, 1-ethyl-2-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	9.02 ng	1501640	Napthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	50
2			4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	43
3			Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	34
4			5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	25
5			Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	25



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
Operator : SJ/MA
Sample : I2277-01
Misc :
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ClientSampleId :
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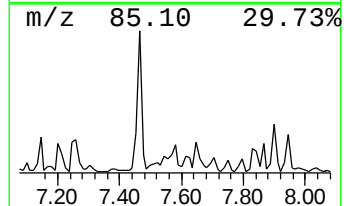
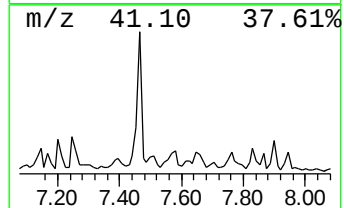
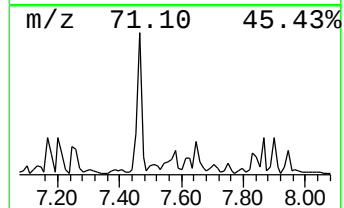
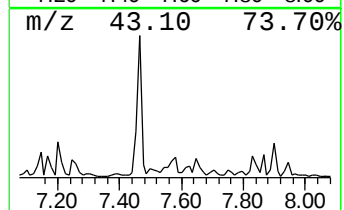
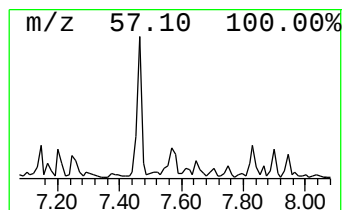
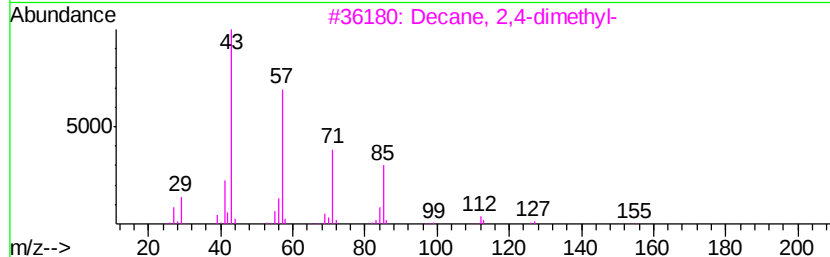
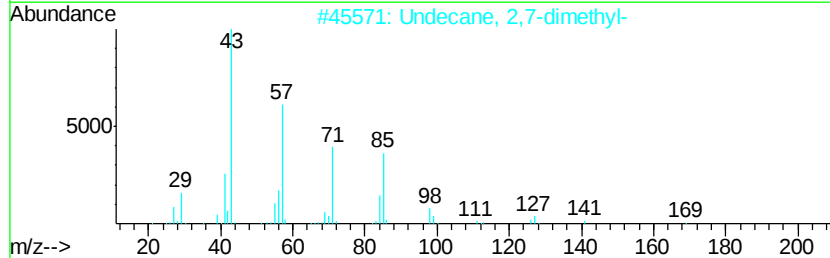
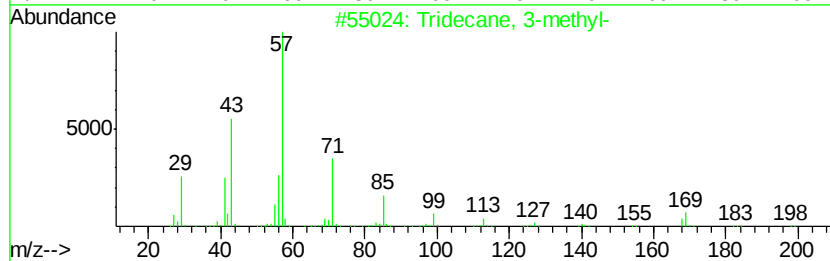
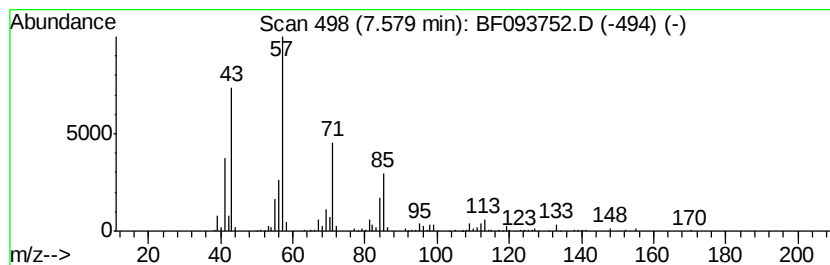
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	14.27 ng	2377470	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
4		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
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Misc :
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ClientSampleId :
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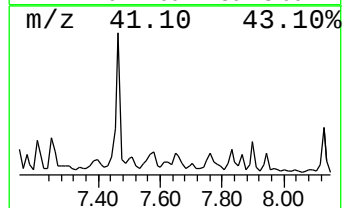
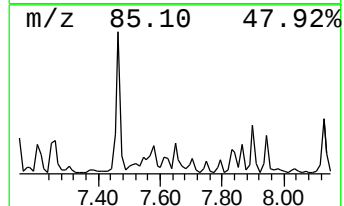
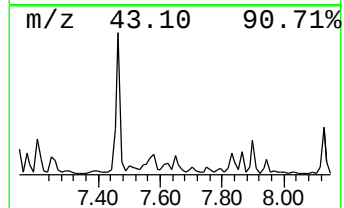
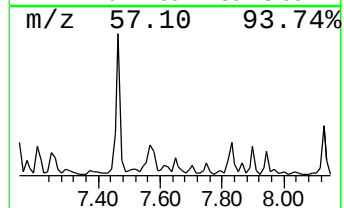
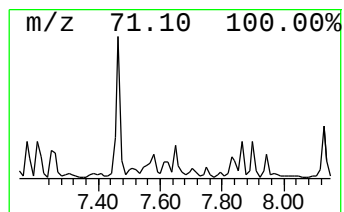
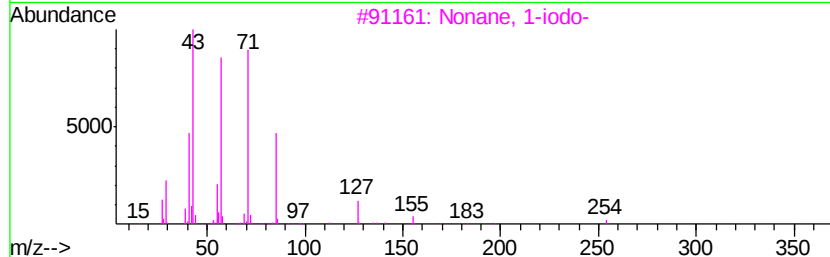
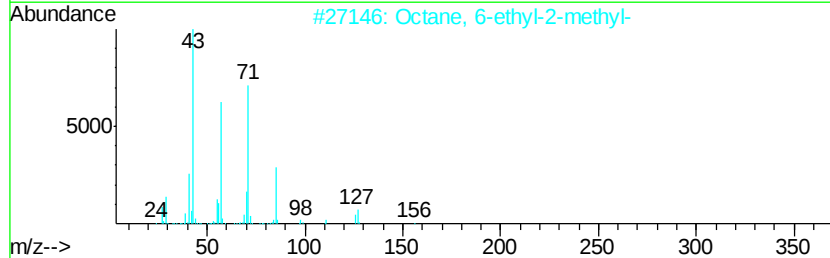
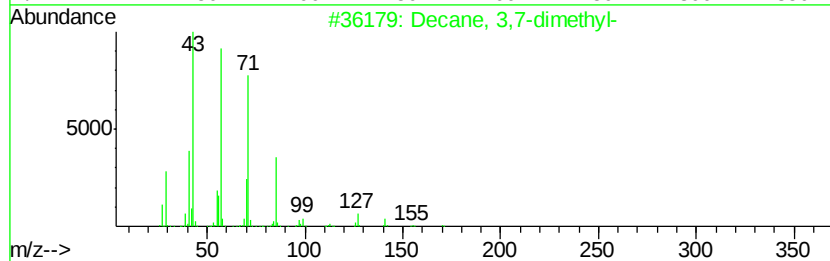
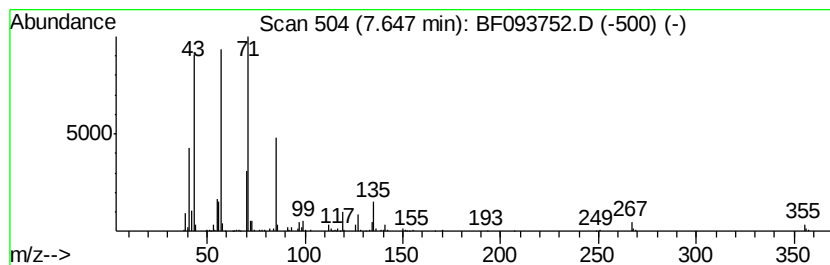
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	17.37 ng	2892830	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	81
2		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64
3		Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5		1-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
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Misc :
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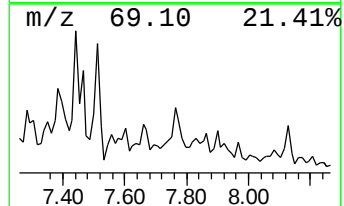
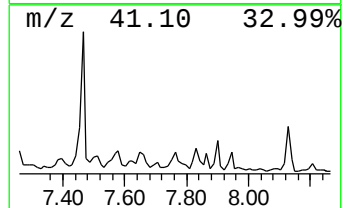
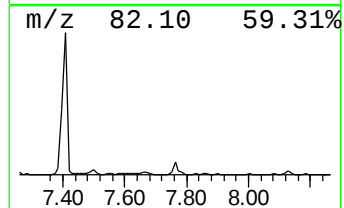
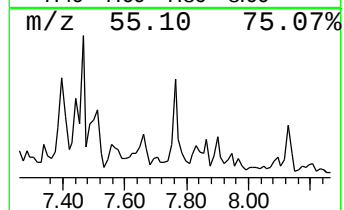
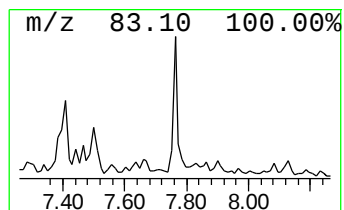
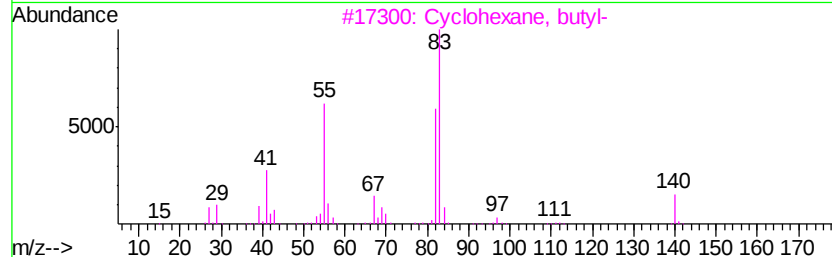
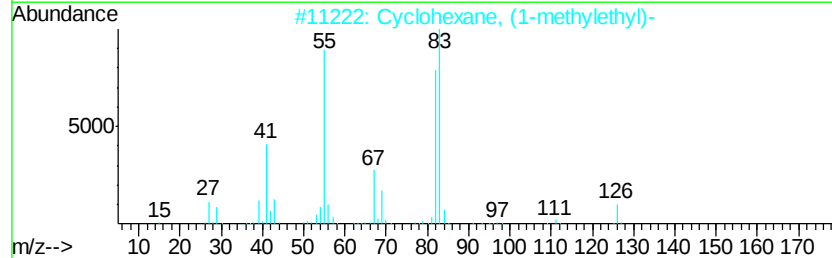
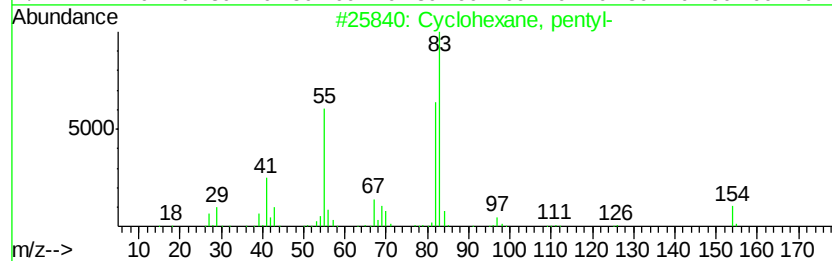
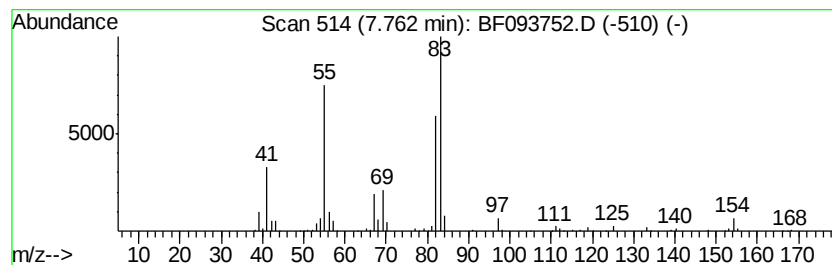
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexane, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	16.00 ng	2664810	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	78
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	78



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
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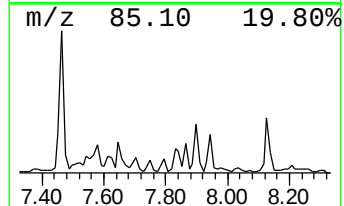
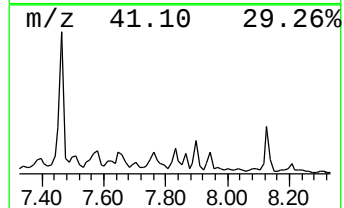
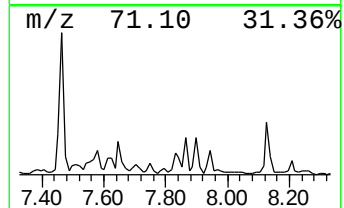
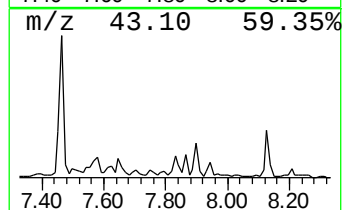
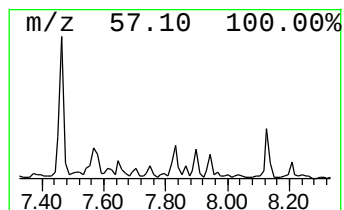
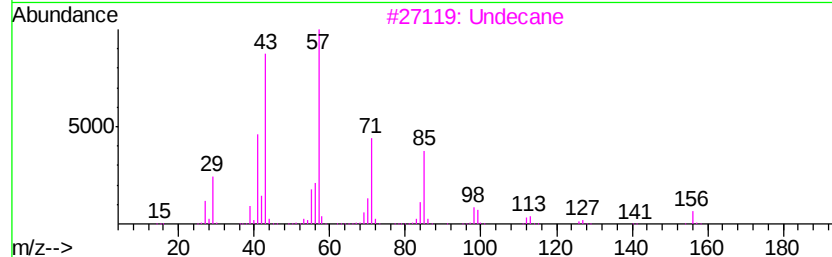
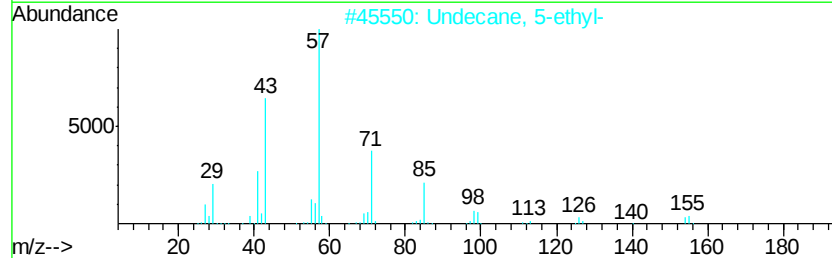
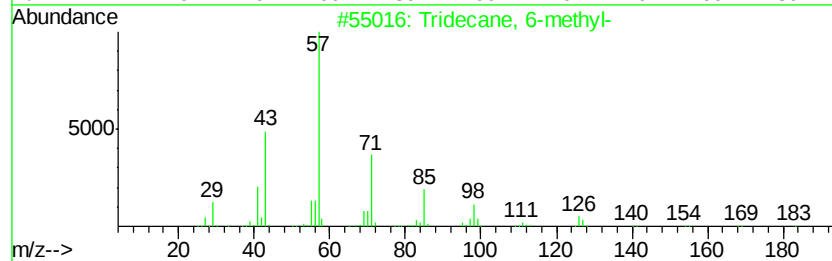
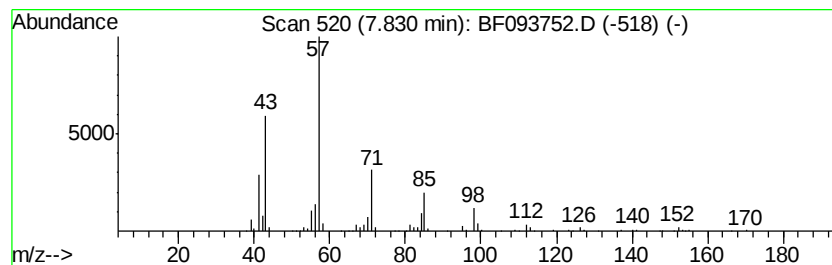
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	9.64 ng	1606010	Naphthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
2			Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3			Undecane	156	C11H24	001120-21-4	59
4			Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	59
5			Decane	142	C10H22	000124-18-5	59



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
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Sample : I2277-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

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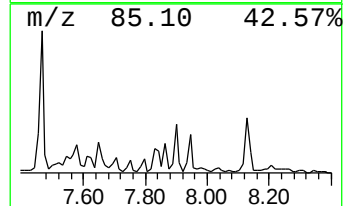
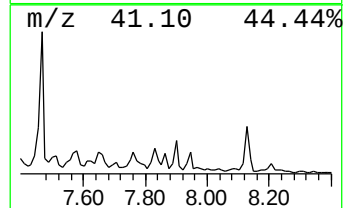
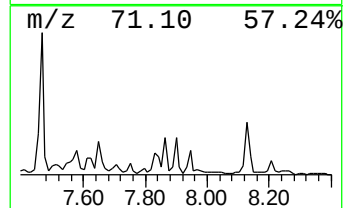
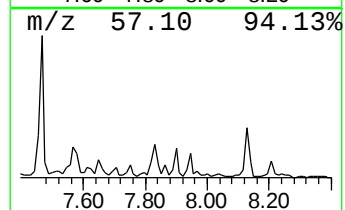
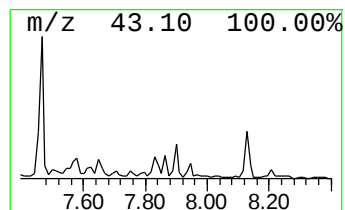
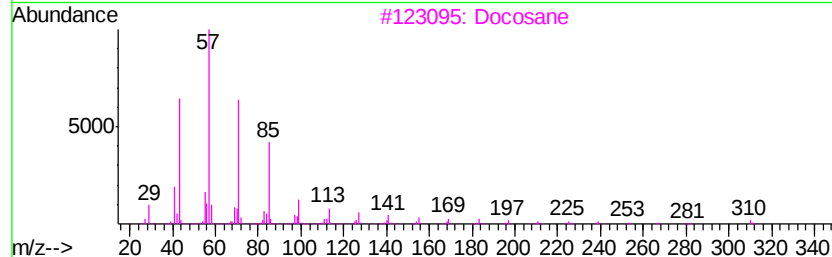
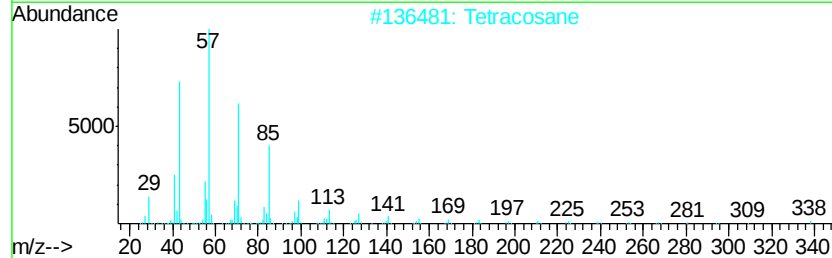
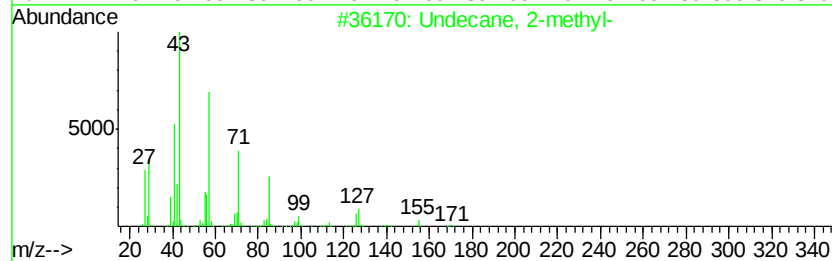
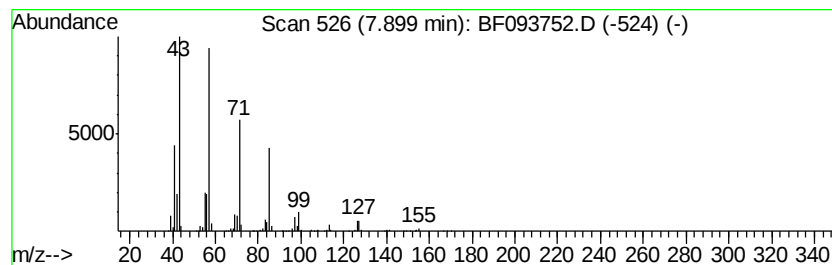
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	8.71 ng	1450790	Napthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-			170	C12H26	007045-71-8	83
2	Tetracosane			338	C24H50	000646-31-1	72
3	Docosane			310	C22H46	000629-97-0	64
4	Heptacosane			380	C27H56	000593-49-7	64
5	Nonane, 5-butyl-			184	C13H28	017312-63-9	59



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S39-9003

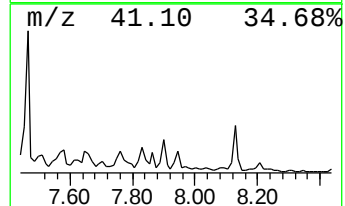
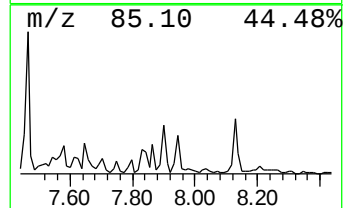
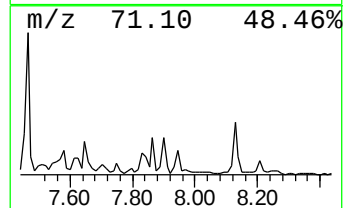
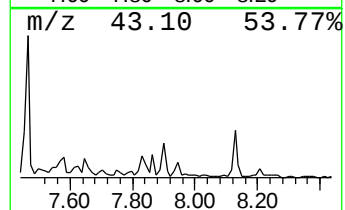
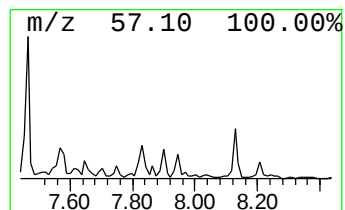
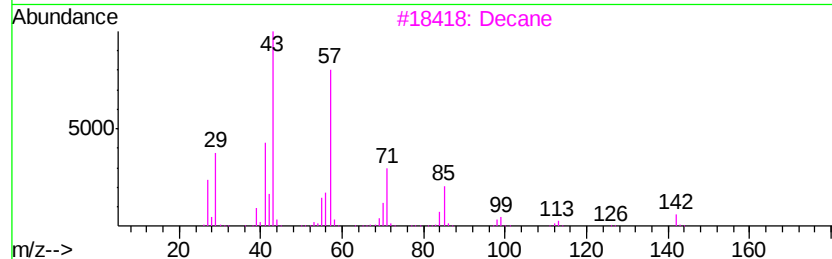
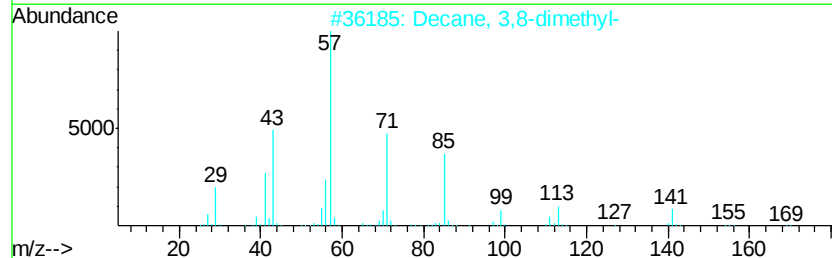
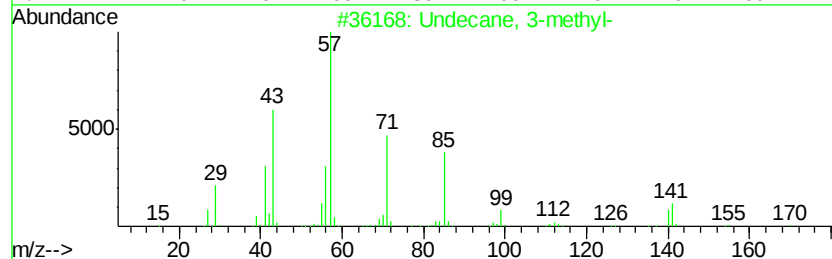
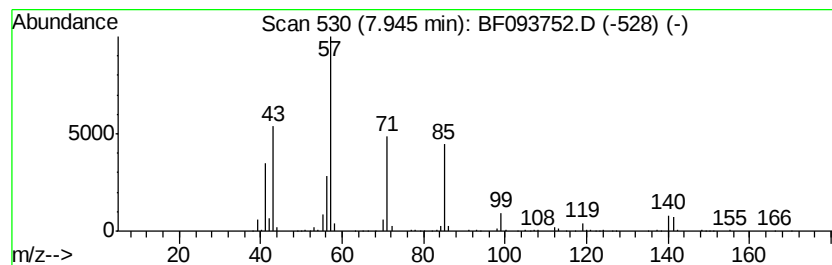
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Undecane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	5.63 ng	937188	Naphthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-			170	C12H26	001002-43-3	91
2	Decane, 3,8-dimethyl-			170	C12H26	017312-55-9	78
3	Decane			142	C10H22	000124-18-5	64
4	Dodecane, 3-methyl-			184	C13H28	017312-57-1	53
5	Undecane, 2,9-dimethyl-			184	C13H28	017301-26-7	53



Data Path : Z:\HPCHEM1\BNA_F\Data\BF031817\
 Data File : BF093752.D
 Acq On : 18 Mar 2017 14:28
 Operator : SJ/MA
 Sample : I2277-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.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
2-Pentanone, 4-hy...	5.03	10.9	ng	854360	1	6.85	1564570	20.0
unknown6.62	6.62	64.4	ng	5034600	1	6.85	1564570	20.0
Decane	6.70	5.0	ng	390687	1	6.85	1564570	20.0
Undecane, 2,8-dim...	6.92	6.9	ng	539154	1	6.85	1564570	20.0
Undecane, 3,7-dim...	7.10	10.8	ng	843206	1	6.85	1564570	20.0
Nonane, 2,5-dimet...	7.14	18.4	ng	1442150	1	6.85	1564570	20.0
Heptane, 2,5,5-tr...	7.17	12.1	ng	945242	1	6.85	1564570	20.0
Decane, 2-methyl-	7.20	20.5	ng	1600990	1	6.85	1564570	20.0
Nonane, 3,7-dimet...	7.25	22.2	ng	1738790	1	6.85	1564570	20.0
unknown7.28	7.28	13.6	ng	1065110	1	6.85	1564570	20.0
Cyclohexane, 1-me...	7.34	7.0	ng	550544	1	6.85	1564570	20.0
Undecane	7.46	67.7	ng	5297880	1	6.85	1564570	20.0
Cyclohexane, 1-et...	7.51	9.0	ng	1501640	2	8.13	3331090	20.0
Tridecane, 3-methyl-	7.58	14.3	ng	2377470	2	8.13	3331090	20.0
Decane, 3,7-dimet...	7.65	17.4	ng	2892830	2	8.13	3331090	20.0
Cyclohexane, pentyl-	7.76	16.0	ng	2664810	2	8.13	3331090	20.0
Tridecane, 6-methyl-	7.83	9.6	ng	1606010	2	8.13	3331090	20.0
Undecane, 2-methyl-	7.90	8.7	ng	1450790	2	8.13	3331090	20.0
Undecane, 3-methyl-	7.94	5.6	ng	937188	2	8.13	3331090	20.0