

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079123.D
 Acq On : 11 May 2015 18:43
 Operator : TP/IZ
 Sample : G2140-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9795

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-BF043015.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	1.427	19	21	24	rVB	1628573	1643060	6.25%	0.929%
2	1.735	47	48	57	rVV	157874	299861	1.14%	0.169%
3	1.861	57	59	91	rVB	1950896	3655350	13.91%	2.066%
4	6.616	471	475	478	rBV2	110125	286677	1.09%	0.162%
5	6.684	478	481	484	rBV	1391246	2306239	8.78%	1.303%
6	6.730	484	485	490	rVB2	356667	688211	2.62%	0.389%
7	6.810	490	492	493	rBV	725052	1003455	3.82%	0.567%
8	6.856	493	496	498	rVB3	544637	1270689	4.84%	0.718%
9	6.925	500	502	505	rVB	843743	1132372	4.31%	0.640%
10	6.982	505	507	508	rBV	508862	703498	2.68%	0.398%
11	7.027	508	511	517	rVB5	736890	2152225	8.19%	1.216%
12	7.119	517	519	525	rBV	4840204	8471522	32.24%	4.788%
13	7.245	525	530	531	rBV3	1128963	2561070	9.75%	1.447%
14	7.302	531	535	536	rBV	1472080	2621054	9.97%	1.481%
15	7.336	536	538	541	rBV	3139203	5432727	20.67%	3.071%
16	7.496	548	552	558	rVB4	4143613	16057940	61.11%	9.076%
17	7.679	558	568	570	rBV3	5608431	26278274	100.00%	14.852%
18	7.770	573	576	579	rBV2	2567742	8532972	32.47%	4.823%
19	7.999	591	596	599	rBV3	2656872	10053450	38.26%	5.682%
20	8.399	629	631	634	rBV2	1799858	3567813	13.58%	2.016%
21	8.479	634	638	641	rBV4	2351087	8179997	31.13%	4.623%
22	8.708	656	658	661	rVB2	2302958	5309629	20.21%	3.001%
23	8.925	674	677	679	rBV2	1521086	4350822	16.56%	2.459%
24	9.028	684	686	687	rVB	2675708	2980904	11.34%	1.685%
25	9.130	692	695	697	rVB2	2431109	3416120	13.00%	1.931%
26	9.176	697	699	701	rBV2	1926391	3425787	13.04%	1.936%
27	9.279	704	708	710	rBV4	3572341	8290859	31.55%	4.686%
28	9.348	712	714	716	rVB	3562510	3208063	12.21%	1.813%
29	9.393	716	718	720	rVB	4151630	4528498	17.23%	2.559%
30	9.439	720	722	727	rVB	4925768	7841879	29.84%	4.432%
31	9.530	727	730	732	rVB3	558941	853667	3.25%	0.482%
32	9.576	732	734	735	rVB	354287	460554	1.75%	0.260%
33	9.599	735	736	738	rBV2	316275	362609	1.38%	0.205%
34	9.656	738	741	743	rVB	5166012	6471415	24.63%	3.658%

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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35	9.713	743	746	748	rVB4	285198	591908	2.25%	0.335%
36	9.759	748	750	752	rVB3	735110	1114587	4.24%	0.630%
37	9.839	756	757	760	rVB	316702	399262	1.52%	0.226%
38	9.908	760	763	765	rVB3	326404	563903	2.15%	0.319%
39	9.988	768	770	771	rBV2	213346	278313	1.06%	0.157%
40	10.022	771	773	775	rVB2	334633	393189	1.50%	0.222%
41	10.091	778	779	782	rVB	300405	438489	1.67%	0.248%
42	10.148	782	784	785	rBV	299340	331503	1.26%	0.187%
43	10.171	785	786	789	rBV2	343780	406578	1.55%	0.230%
44	10.296	795	797	799	rBV	655807	581402	2.21%	0.329%
45	10.342	799	801	804	rBV	1356863	1487277	5.66%	0.841%
46	10.742	833	836	837	rBV	317316	509635	1.94%	0.288%
47	10.776	837	839	841	rVB3	158442	275764	1.05%	0.156%
48	11.005	857	859	861	rBV	1204237	1042831	3.97%	0.589%
49	11.051	861	863	865	rVV	705375	708482	2.70%	0.400%
50	11.291	880	884	889	rBV4	151366	457313	1.74%	0.258%
51	11.634	912	914	916	rVB	588378	705735	2.69%	0.399%
52	11.908	934	938	939	rBV2	204063	403748	1.54%	0.228%
53	12.034	945	949	952	rVB3	171681	365984	1.39%	0.207%
54	12.216	963	965	969	rBV	584072	805717	3.07%	0.455%
55	12.777	1013	1014	1016	rVV	370845	430909	1.64%	0.244%
56	12.891	1022	1024	1026	rVB	541023	590770	2.25%	0.334%
57	13.314	1059	1061	1063	rBV	307438	281891	1.07%	0.159%
58	13.439	1070	1072	1074	rVB	344471	356027	1.35%	0.201%
59	14.297	1145	1147	1148	rBV	871390	955605	3.64%	0.540%
60	14.320	1148	1149	1152	rVB	1431951	1884265	7.17%	1.065%
61	14.891	1196	1199	1201	rBV	284314	287070	1.09%	0.162%
62	16.183	1310	1312	1314	rBV	657519	708097	2.69%	0.400%
63	16.823	1365	1368	1371	rBV	281430	456131	1.74%	0.258%
64	17.908	1460	1463	1466	rBV	557794	721254	2.74%	0.408%

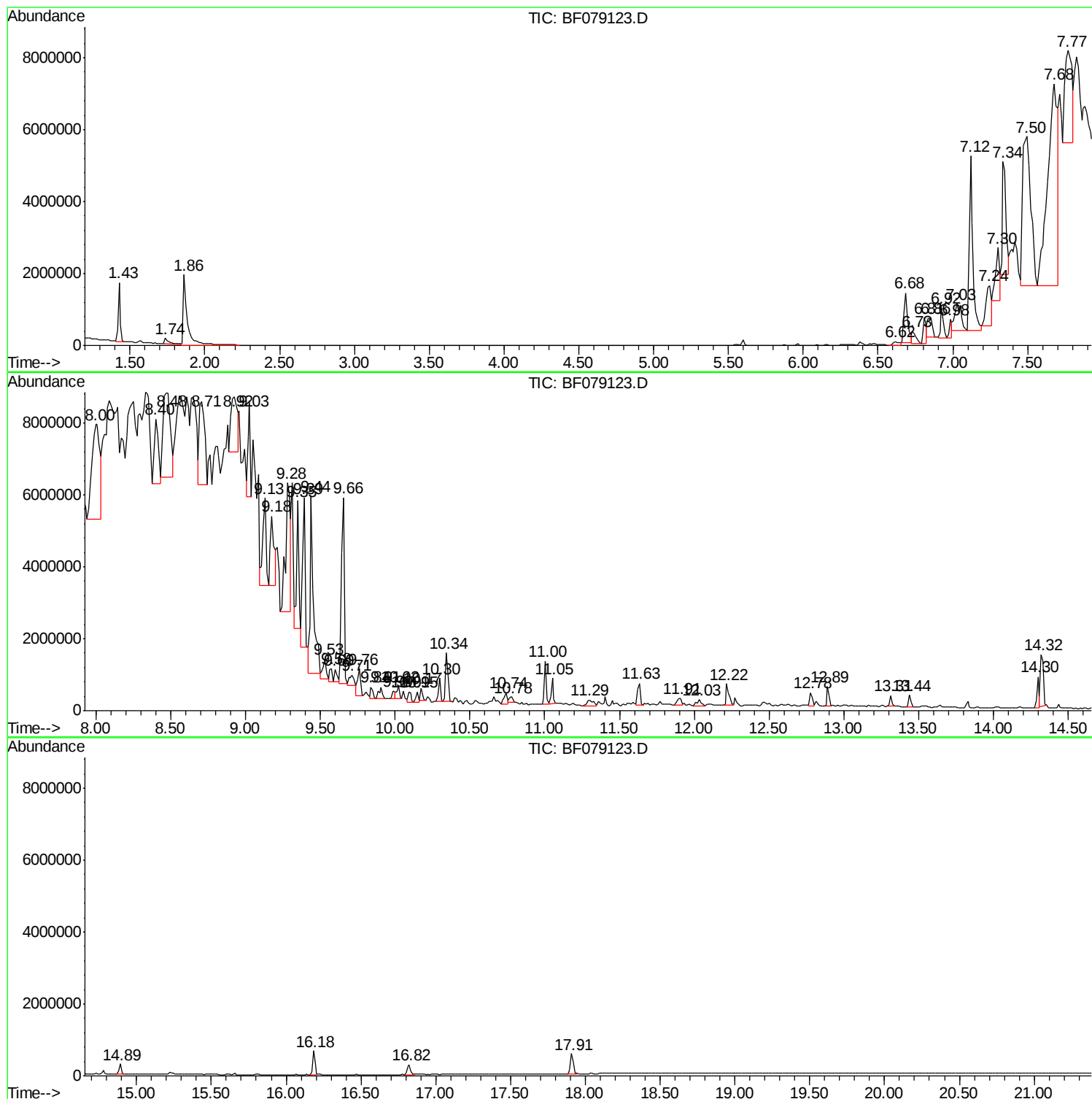
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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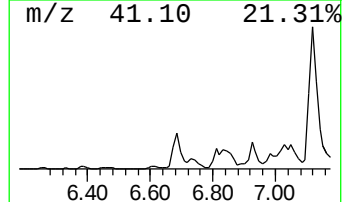
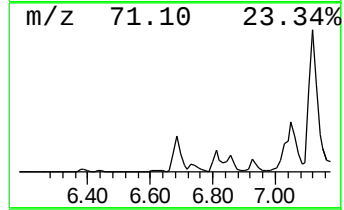
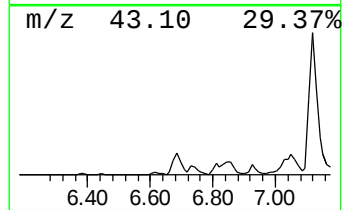
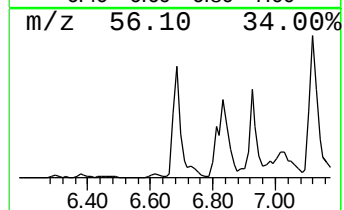
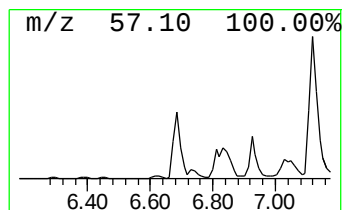
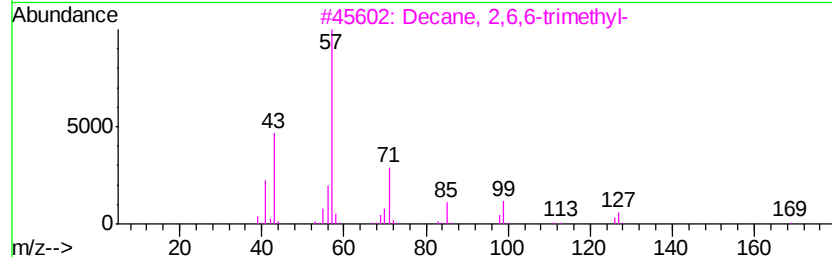
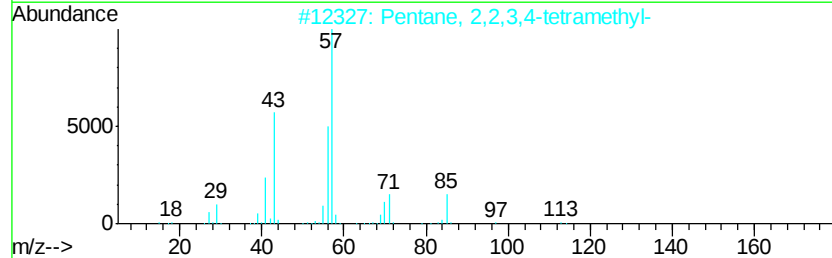
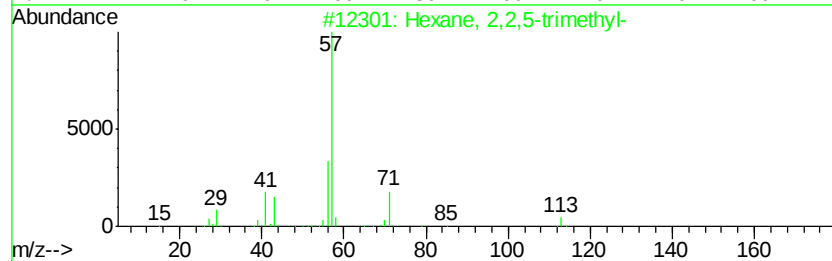
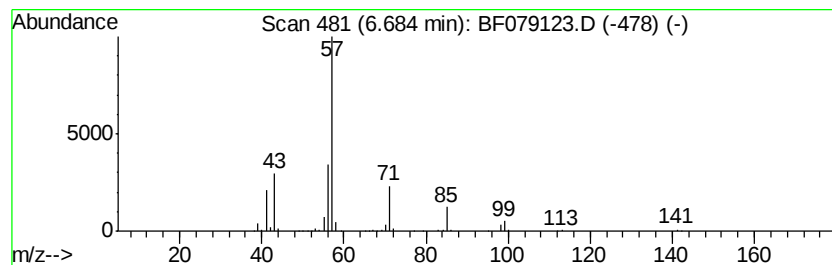
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexane, 2,2,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	17.60 ng	2306240	1,4-Dichlorobenzene-d4	7.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
3			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
4			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
5			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50



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ALS Vial : 15 Sample Multiplier: 1

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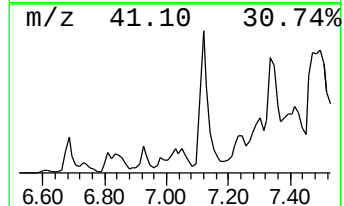
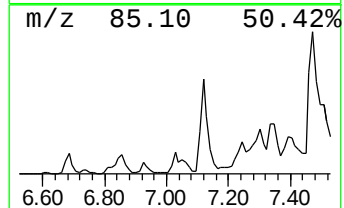
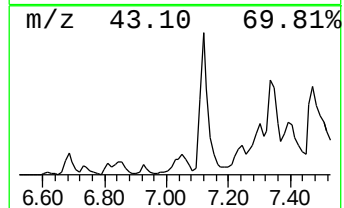
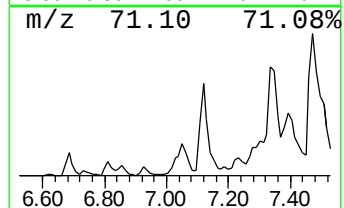
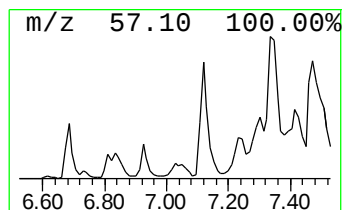
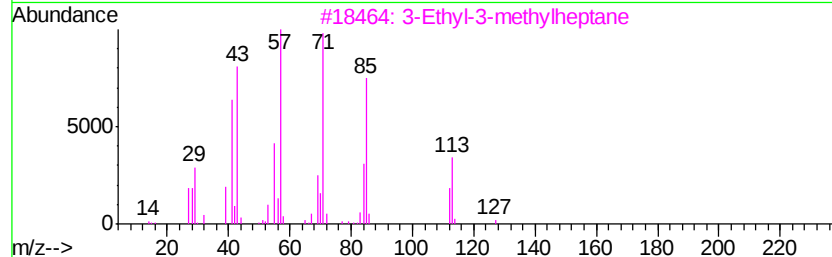
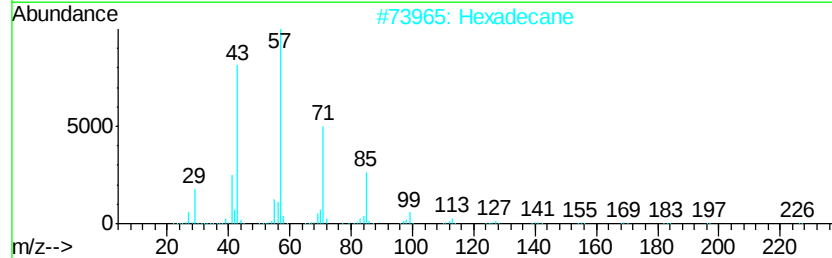
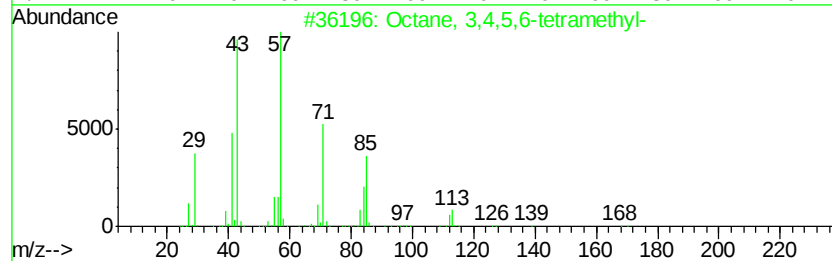
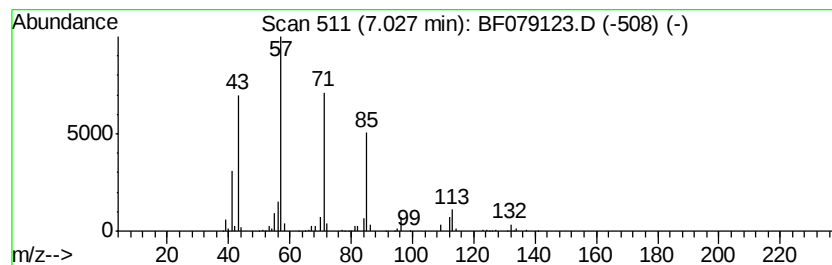
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 3,4,5,6-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	16.42 ng	2152230	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	78
2		Hexadecane	226	C16H34	000544-76-3	72
3		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59



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ALS Vial : 15 Sample Multiplier: 1

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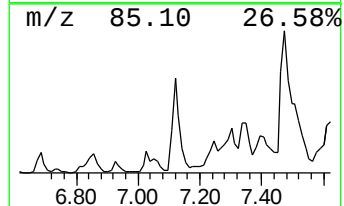
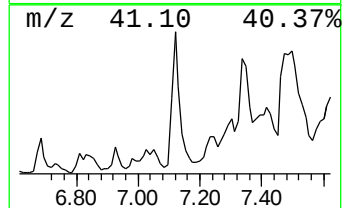
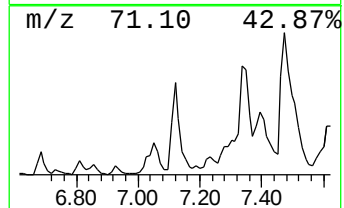
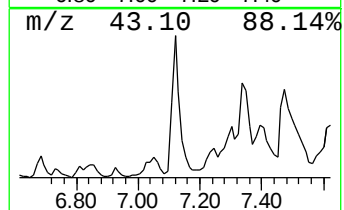
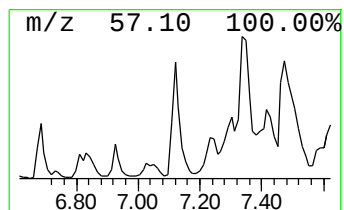
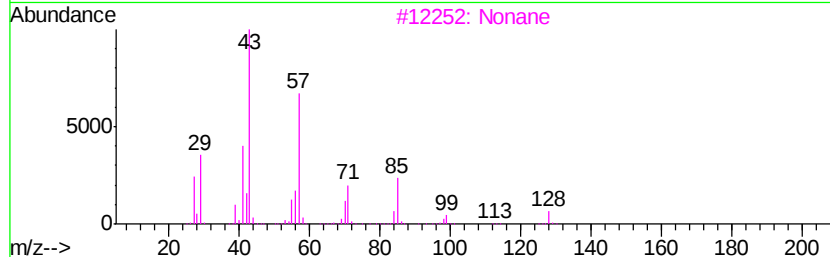
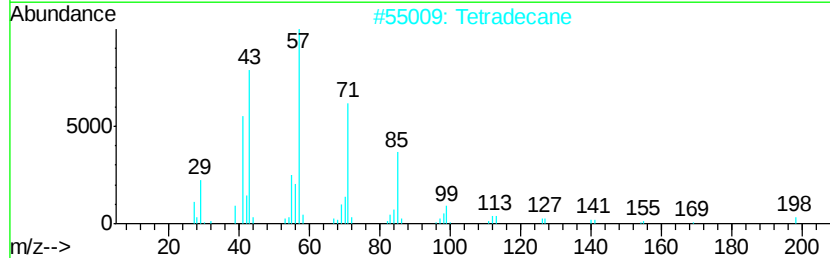
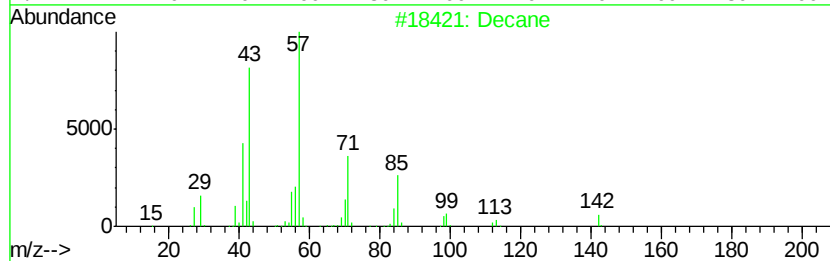
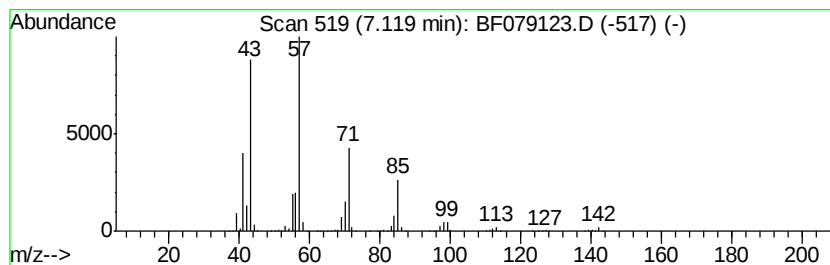
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	64.64 ng	8471520	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	94
2	Tetradecane		198	C14H30	000629-59-4	90
3	Nonane		128	C9H20	000111-84-2	80
4	Undecane		156	C11H24	001120-21-4	72
5	Tridecane		184	C13H28	000629-50-5	72



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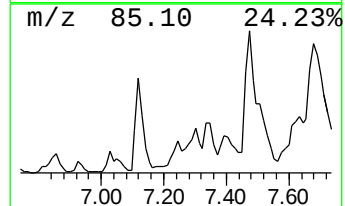
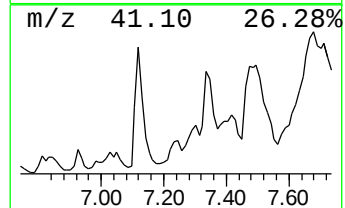
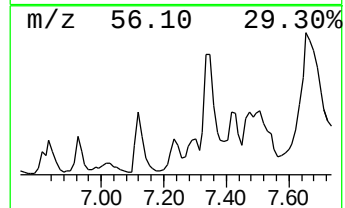
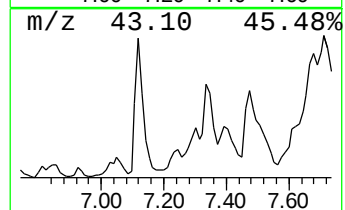
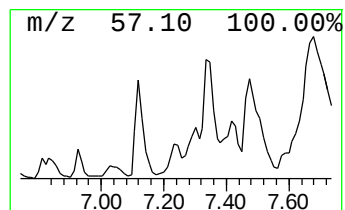
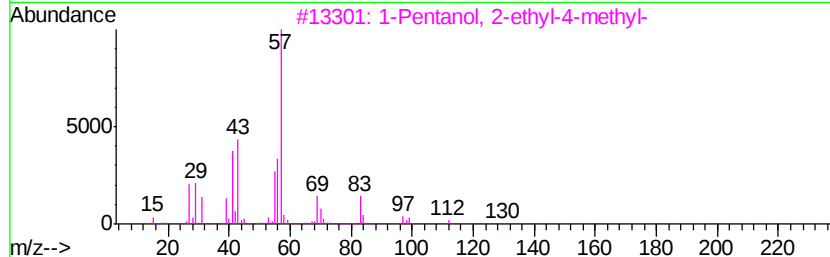
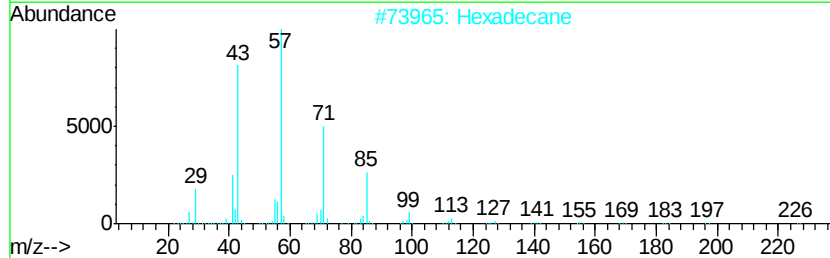
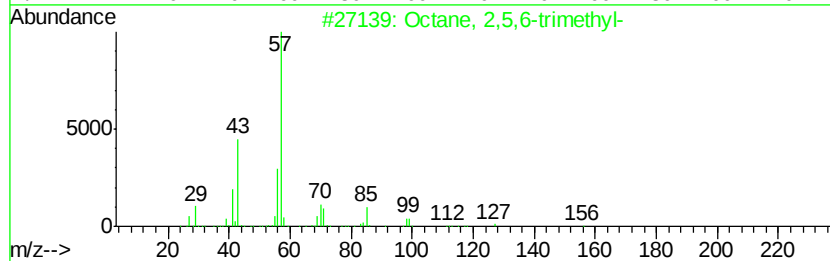
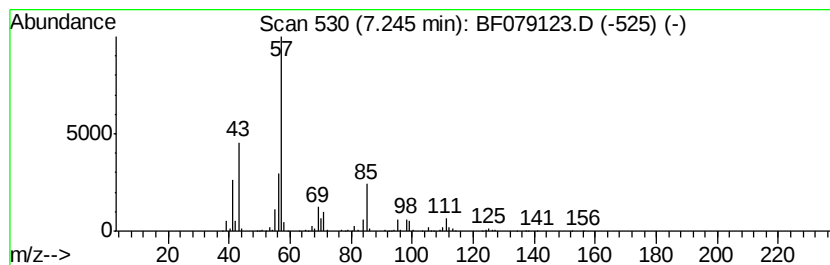
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,5,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	19.54 ng	2561070	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	58
2		Hexadecane	226	C16H34	000544-76-3	50
3		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47



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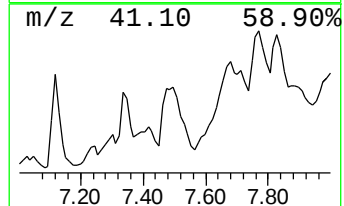
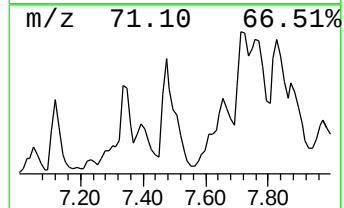
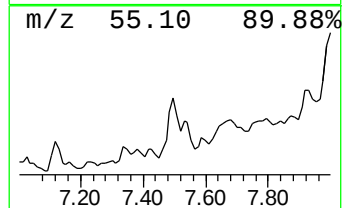
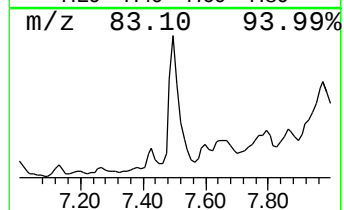
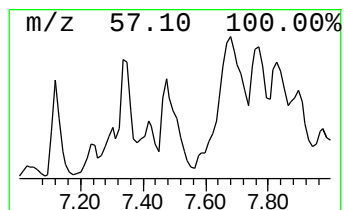
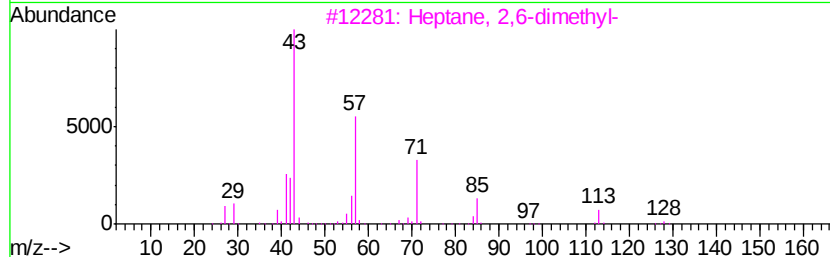
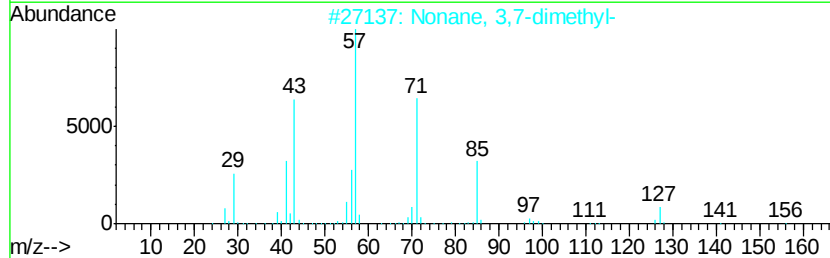
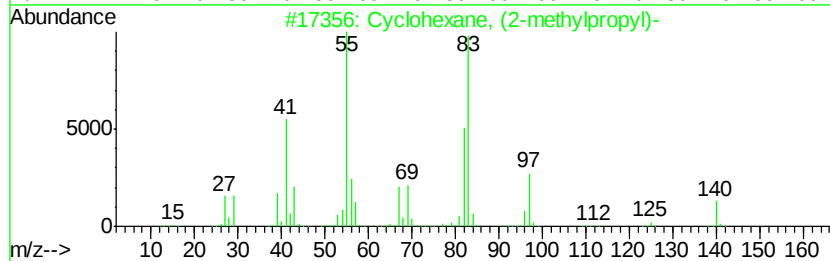
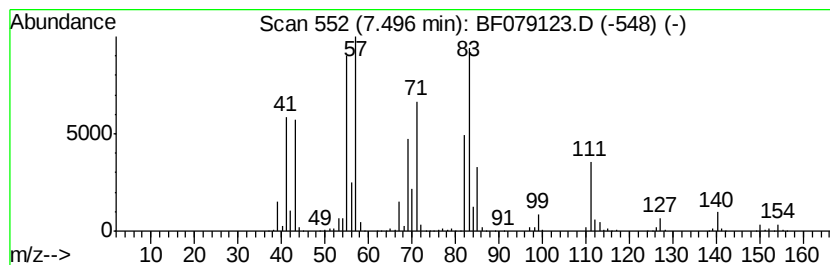
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	122.53 ng	16057900	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	30
4		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	27
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
Operator : TP/IZ
Sample : G2140-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR9795

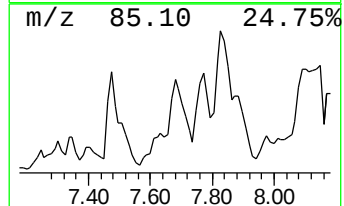
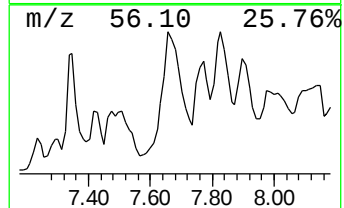
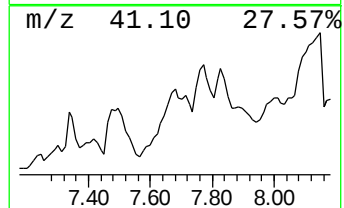
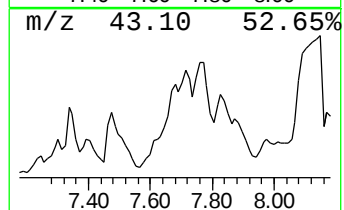
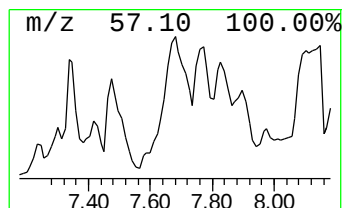
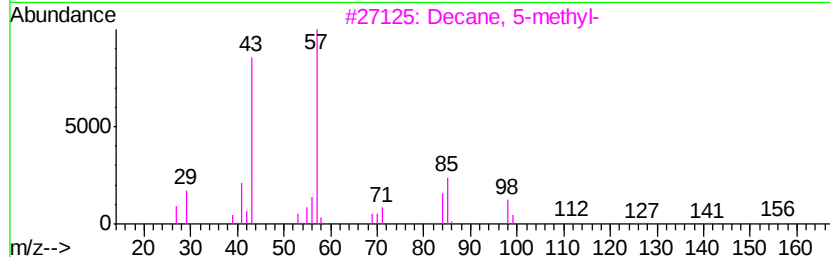
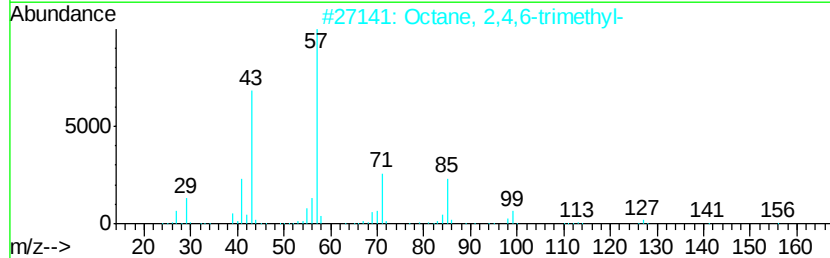
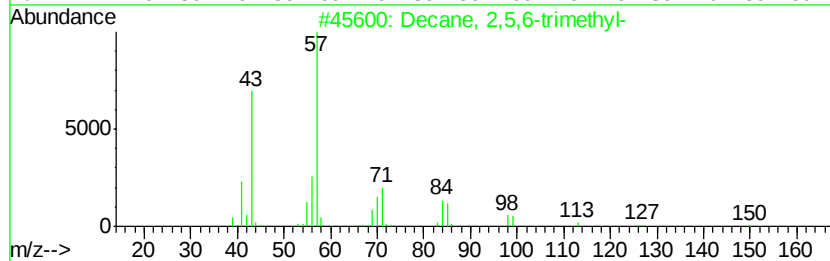
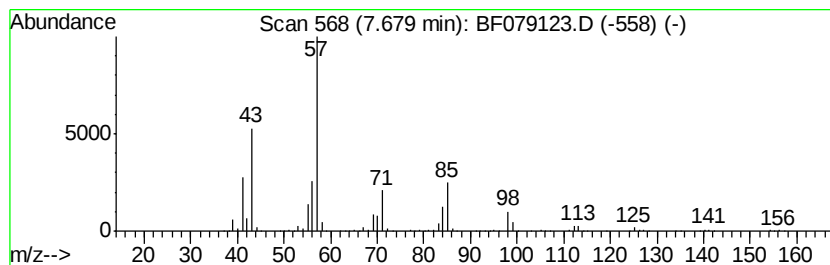
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,5,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	200.52 ng	26278300	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
3		Decane, 5-methyl-	156	C11H24	013151-35-4	53
4		Undecane	156	C11H24	001120-21-4	50
5		Heptane, 4-azido-	141	C7H15N3	027126-22-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
Operator : TP/IZ
Sample : G2140-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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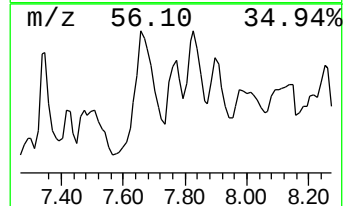
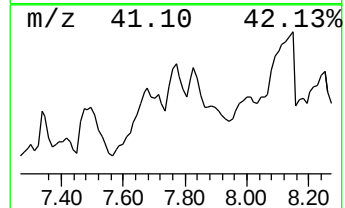
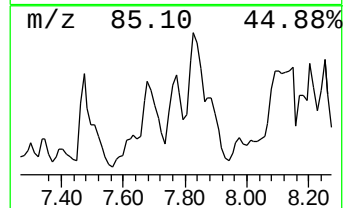
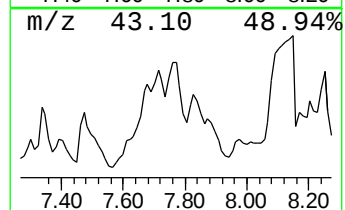
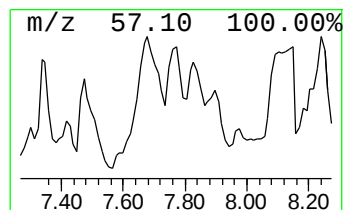
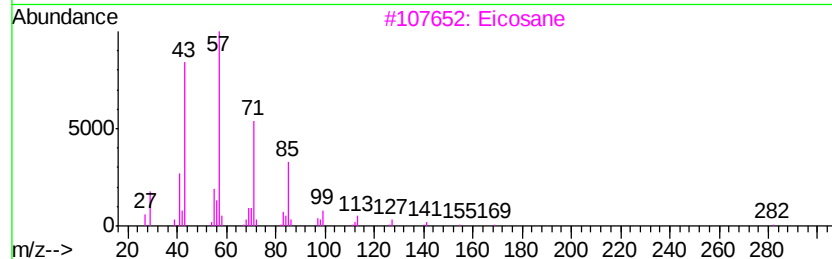
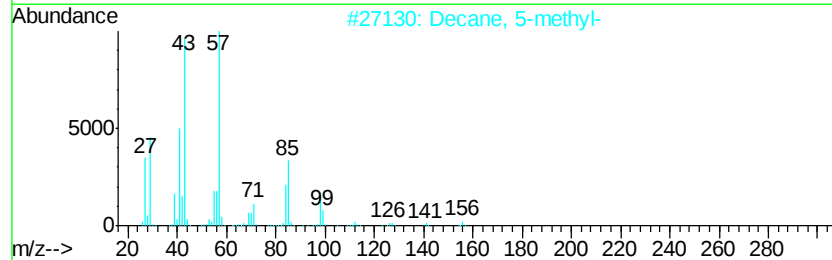
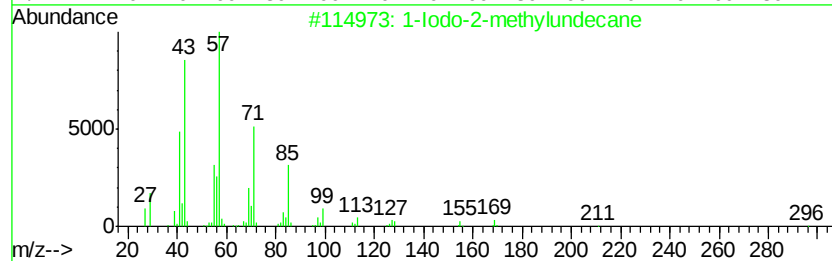
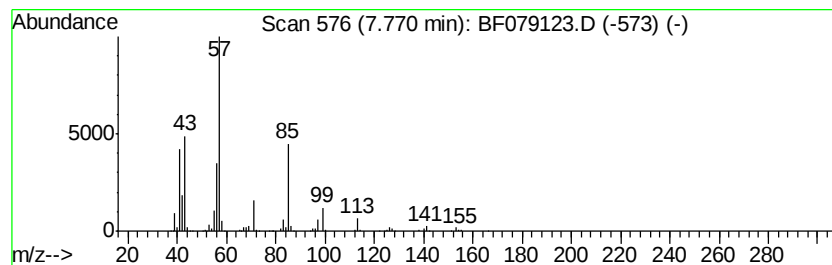
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Iodo-2-methylundecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	65.11 ng	8532970	1,4-Dichlorobenzene-d4	7.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72	
2	Decane, 5-methyl-	156	C11H24	013151-35-4	64	
3	Eicosane	282	C20H42	000112-95-8	59	
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	52	
5	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	47	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
Operator : TP/IZ
Sample : G2140-02
Misc :
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Instrument :
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ClientSampleId :
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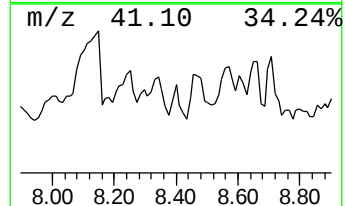
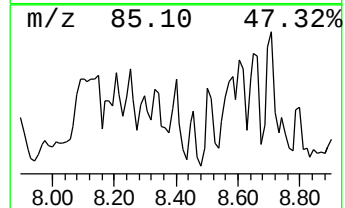
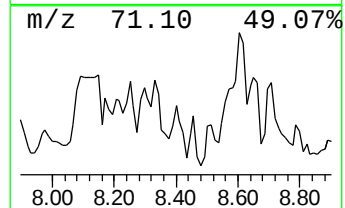
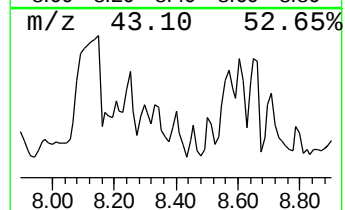
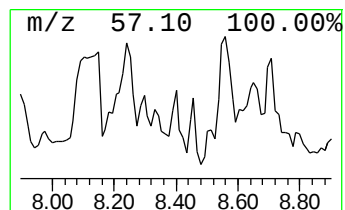
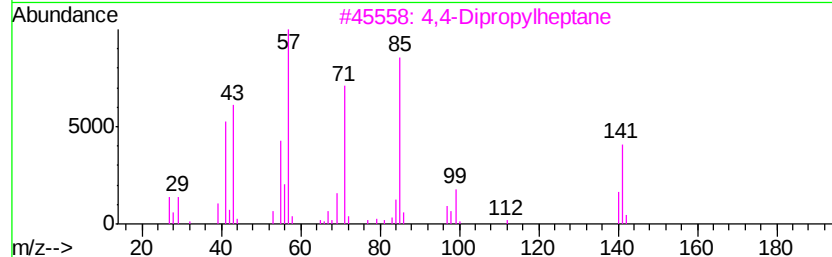
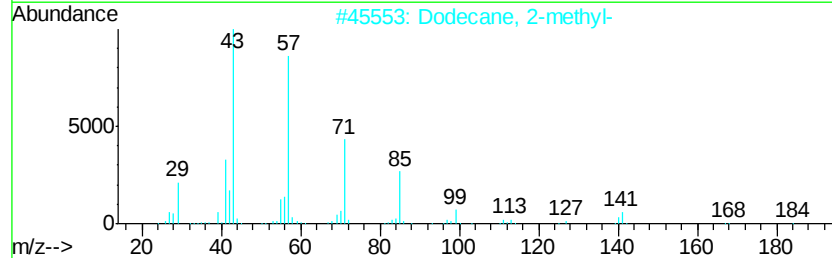
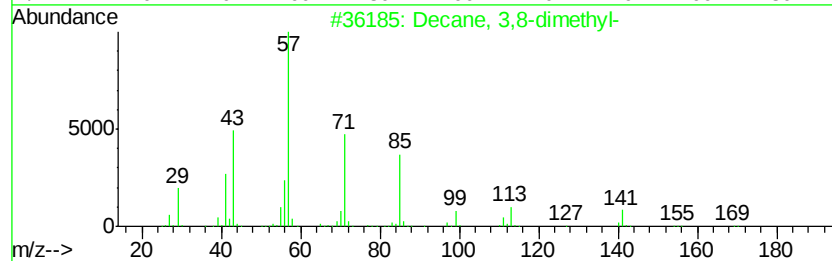
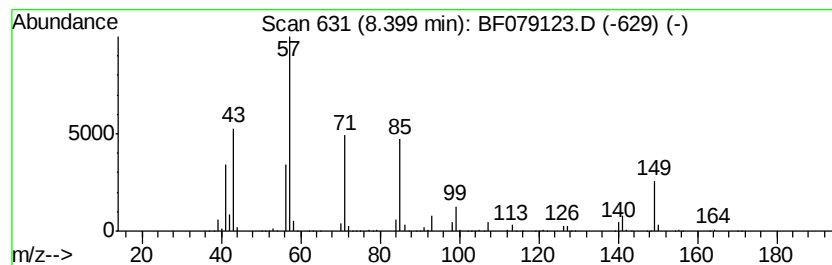
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3,8-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	16.40 ng	3567810	Napthalene-d8	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
3		4,4-Dipropylheptane	184	C13H28	017312-72-0	53
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	53
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
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Sample : G2140-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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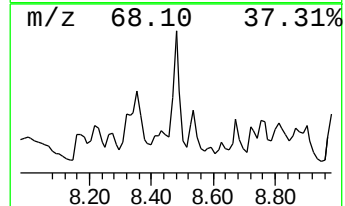
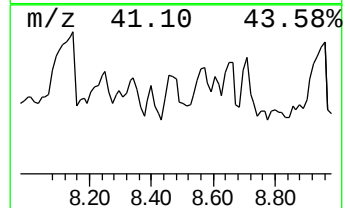
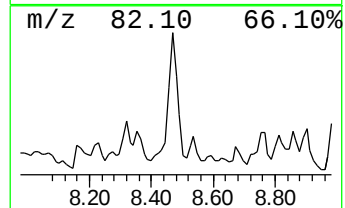
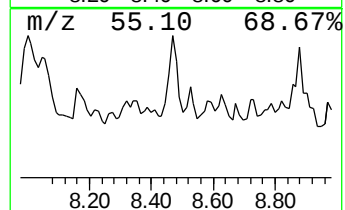
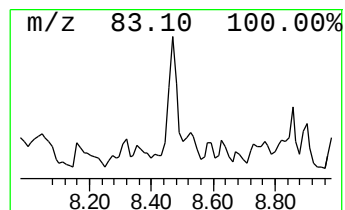
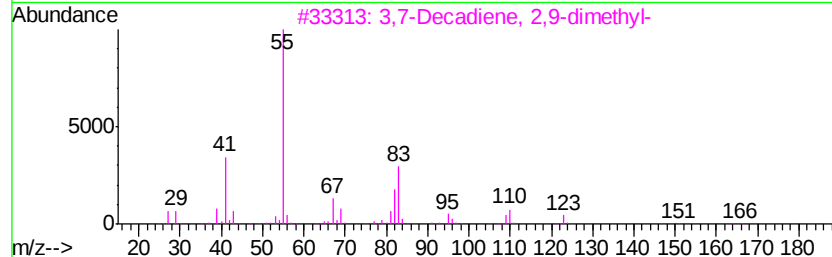
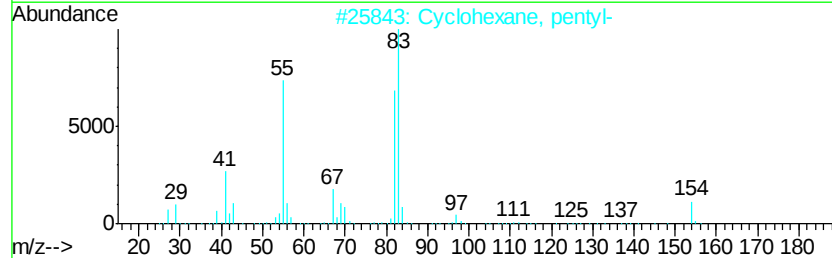
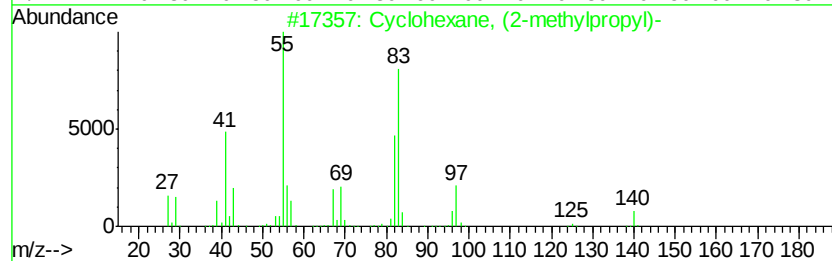
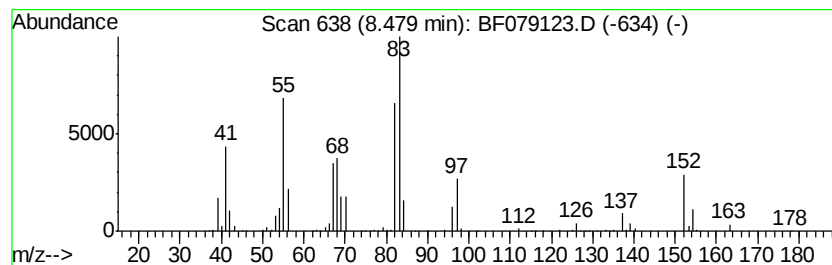
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, (2-methylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	37.60 ng	8180000	Napthalene-d8	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
3		3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	50
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	47
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
Operator : TP/IZ
Sample : G2140-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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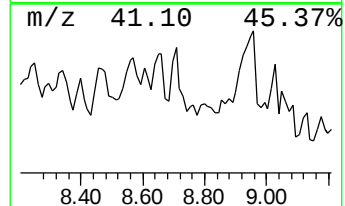
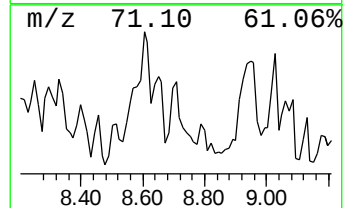
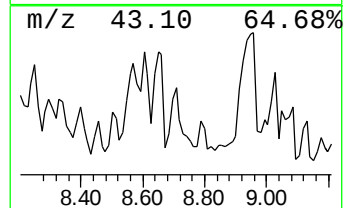
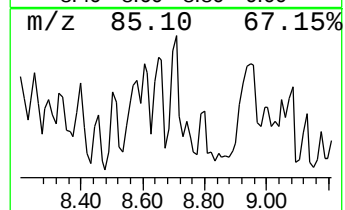
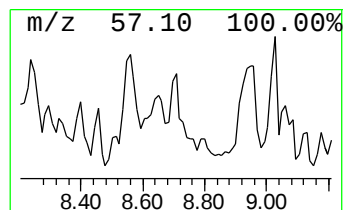
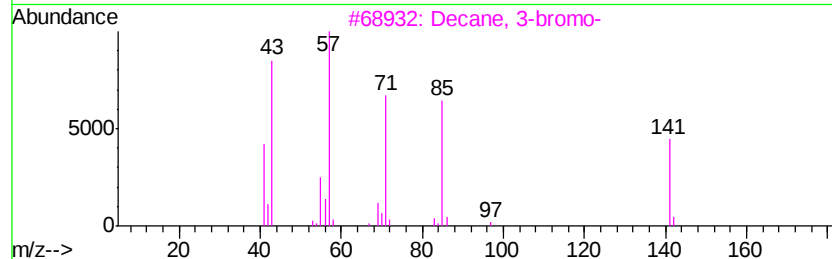
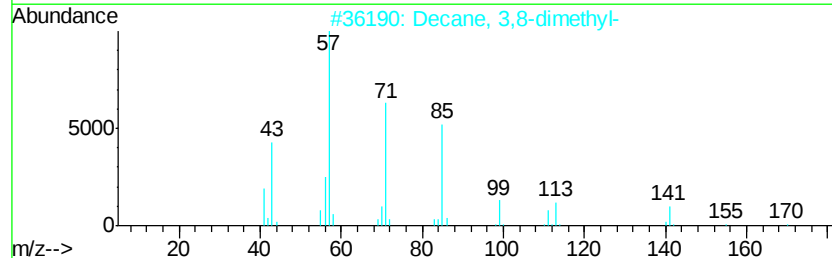
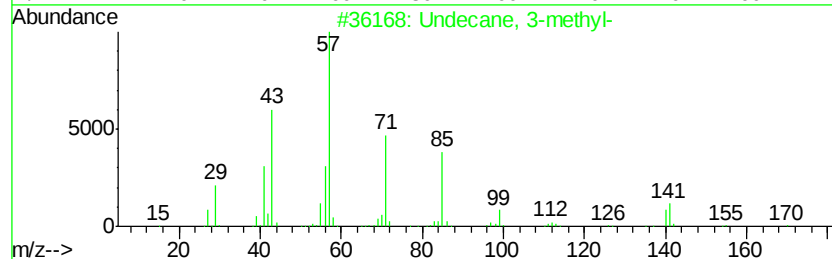
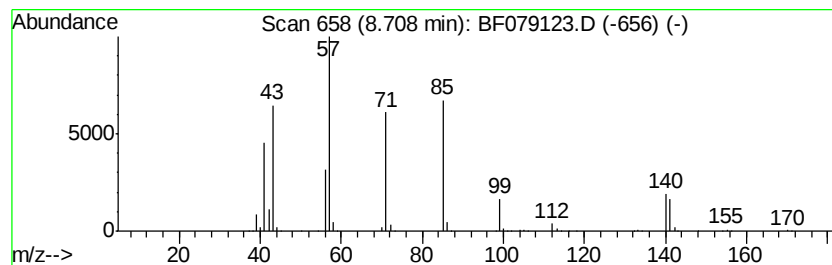
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	24.41 ng	5309630	Napthalene-d8	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	83
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3		Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
4		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	53
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
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Acq On : 11 May 2015 18:43
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Sample : G2140-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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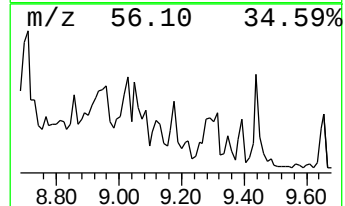
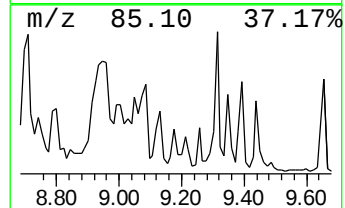
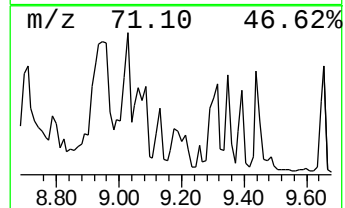
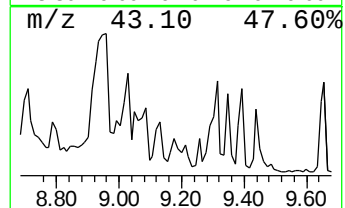
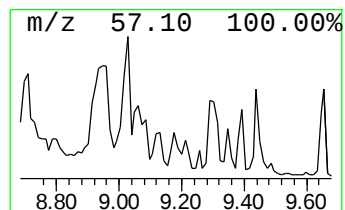
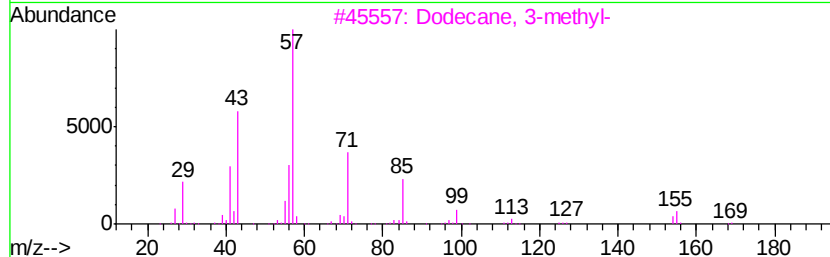
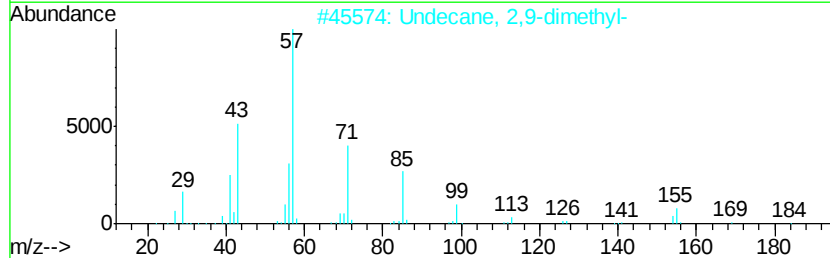
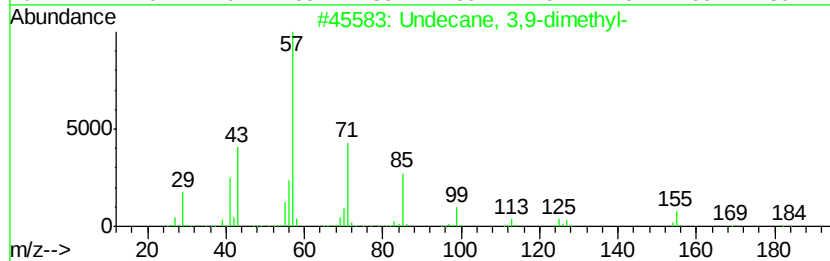
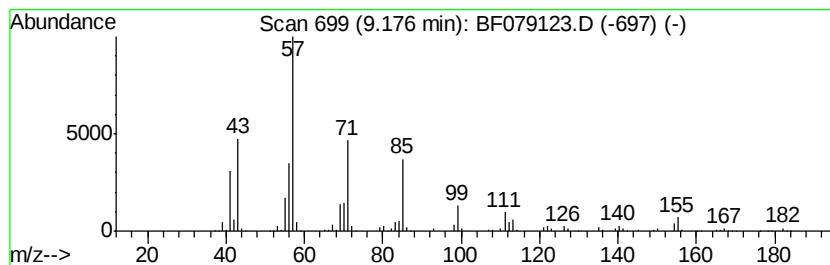
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 3,9-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	15.75 ng	3425790	Napthalene-d8	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	78
2		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	78
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
Operator : TP/IZ
Sample : G2140-02
Misc :
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Instrument :
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ClientSampleId :
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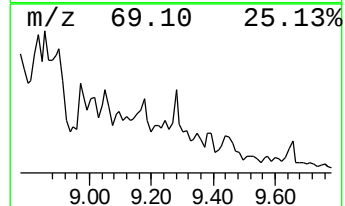
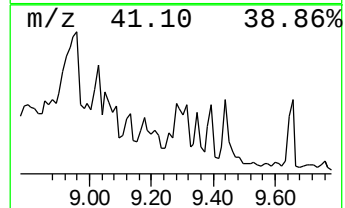
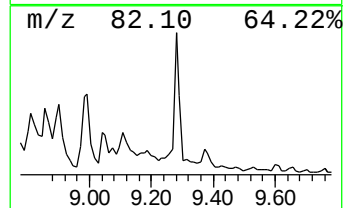
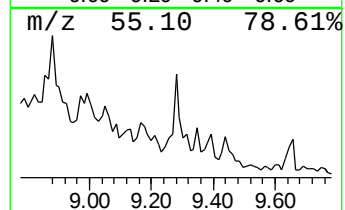
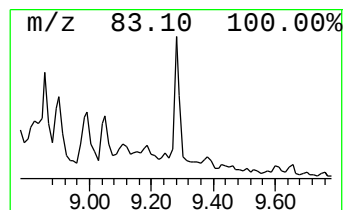
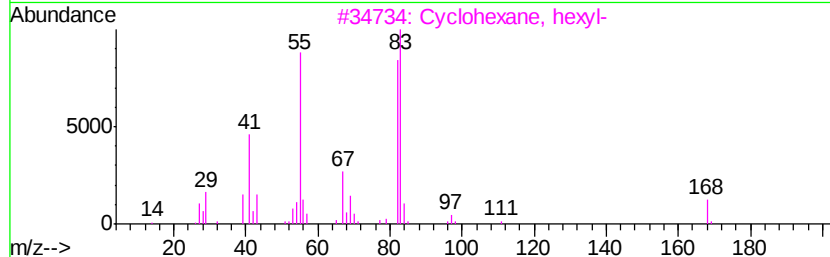
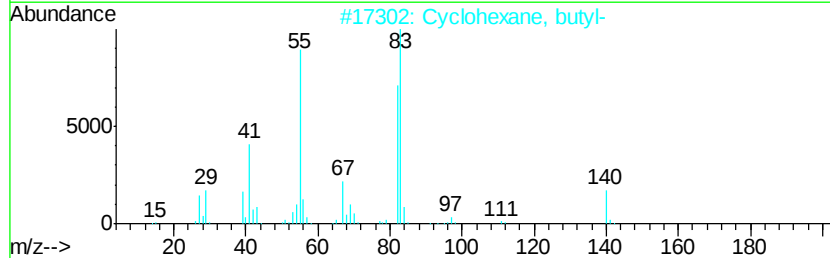
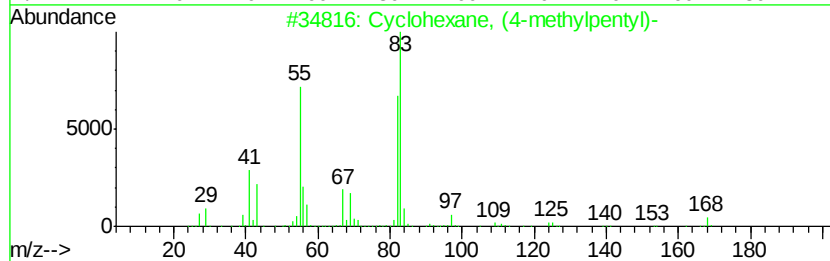
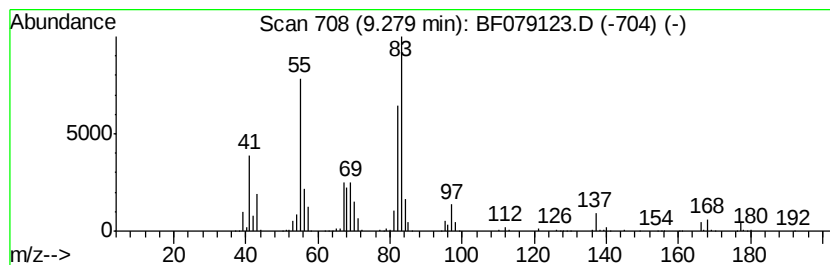
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, (4-methylpentyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	38.11 ng	8290860	Naphthalene-d8	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5		2-Octenal, (E)-	126	C8H14O	002548-87-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
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ClientSampleId :
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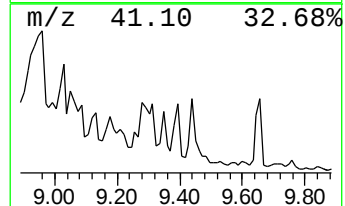
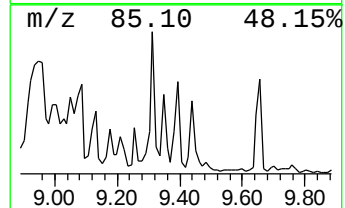
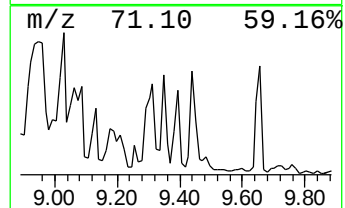
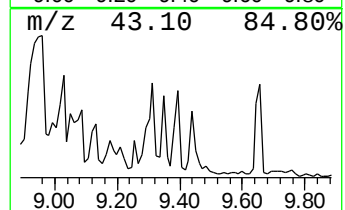
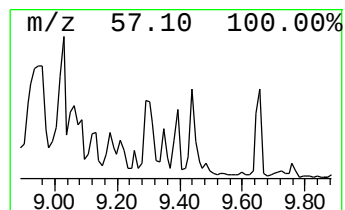
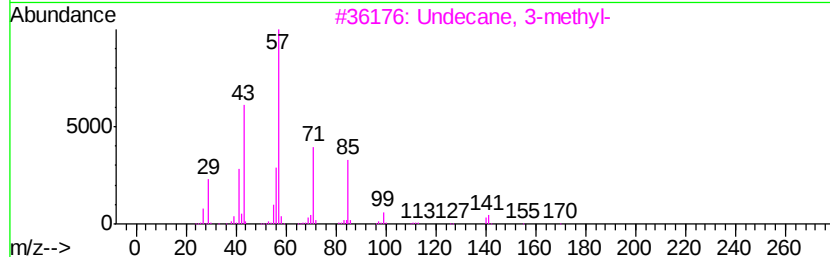
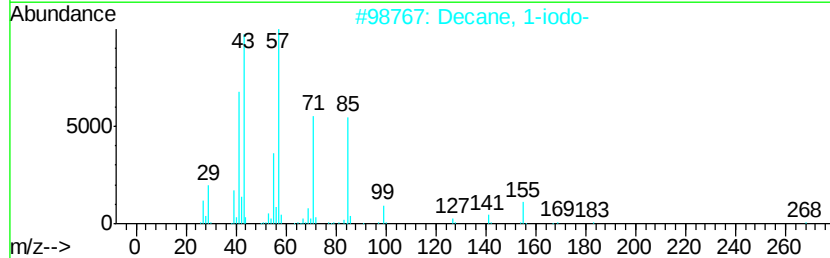
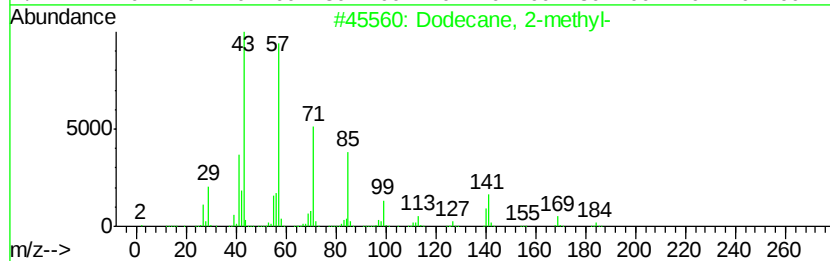
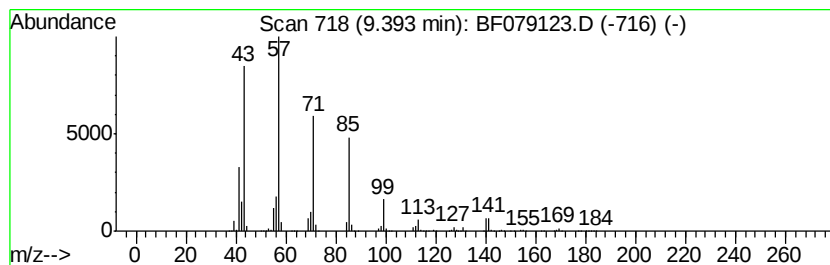
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	20.82 ng	4528500	Naphthalene-d8	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
2		Decane, 1-iodo-	268	C10H21I	002050-77-3	72
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	60
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
Operator : TP/IZ
Sample : G2140-02
Misc :
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Instrument :
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ClientSampleId :
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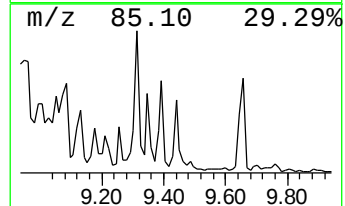
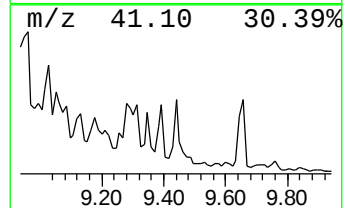
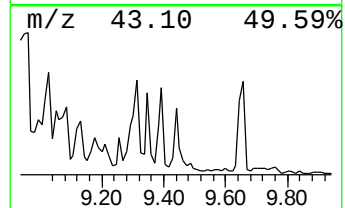
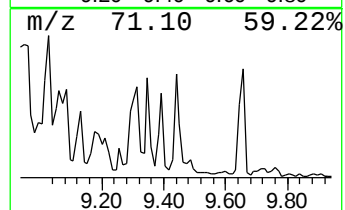
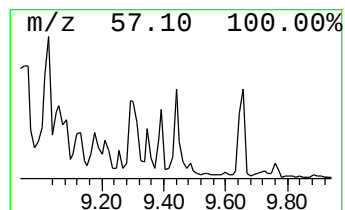
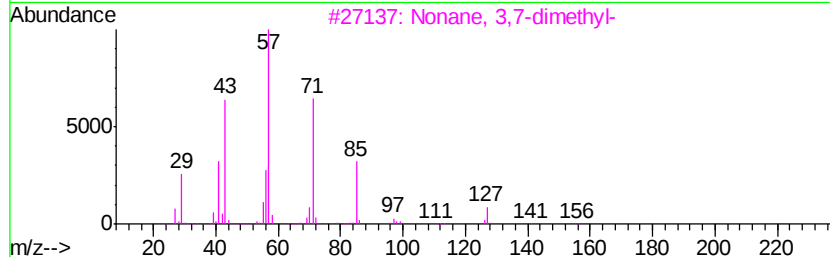
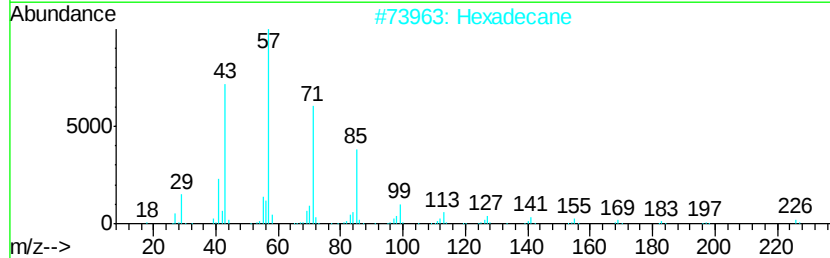
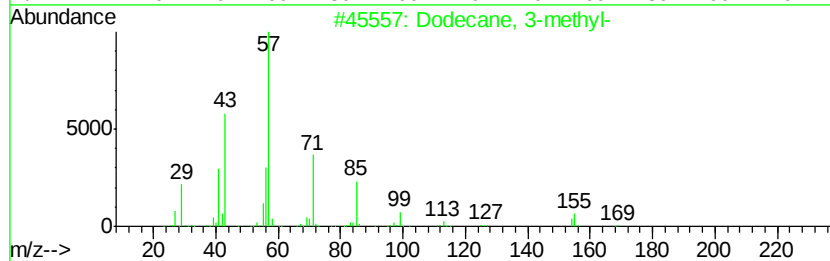
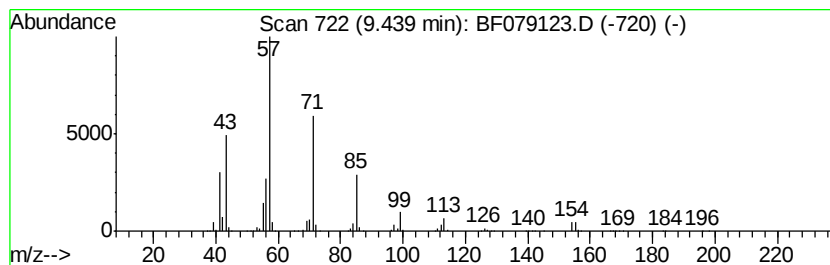
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	36.05 ng	7841880	Napthalene-d8	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2		Hexadecane	226	C16H34	000544-76-3	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
Operator : TP/IZ
Sample : G2140-02
Misc :
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Instrument :
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ClientSampleId :
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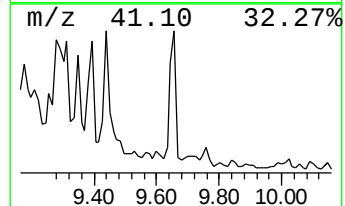
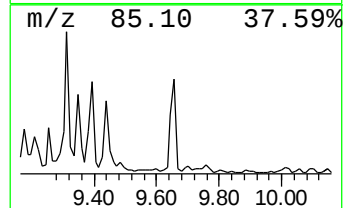
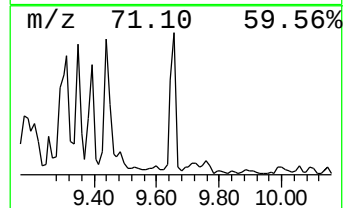
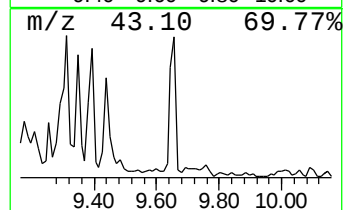
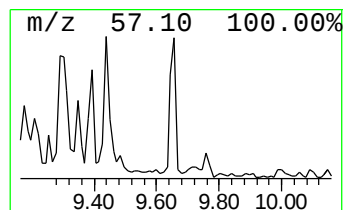
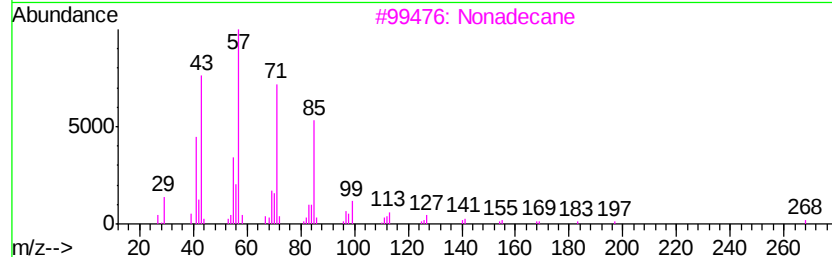
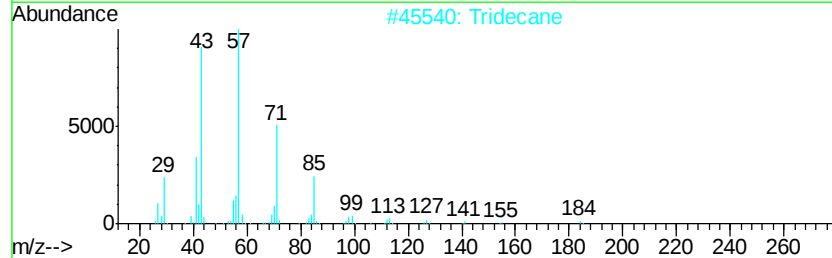
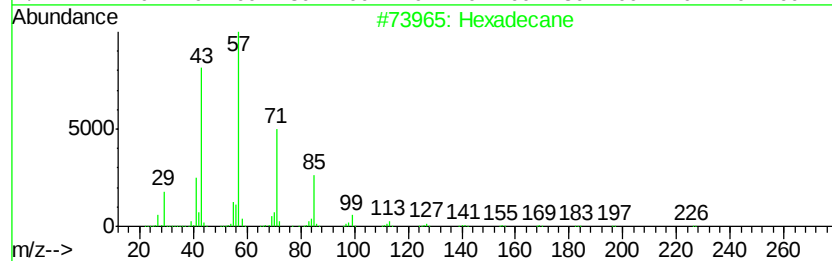
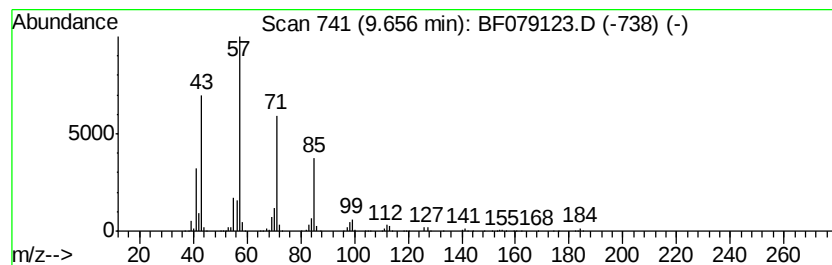
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	29.75 ng	6471420	Naphthalene-d8	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tridecane	184	C13H28	000629-50-5	87
3		Nonadecane	268	C19H40	000629-92-5	83
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
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Sample : G2140-02
Misc :
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ClientSampleId :
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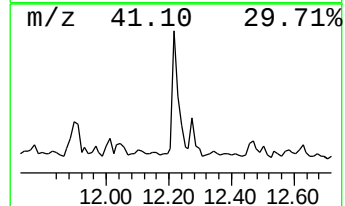
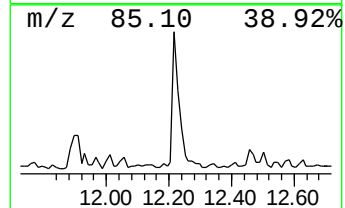
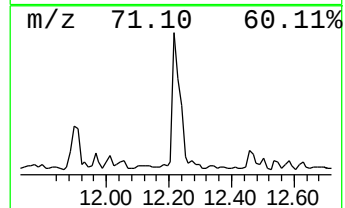
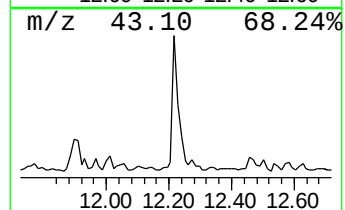
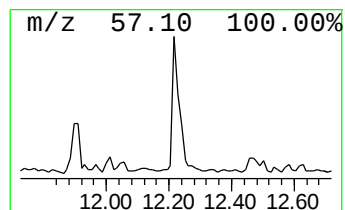
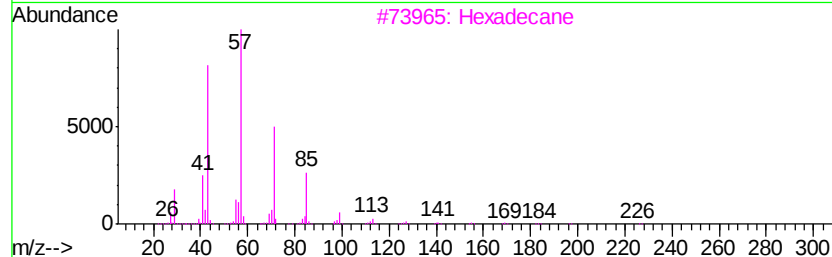
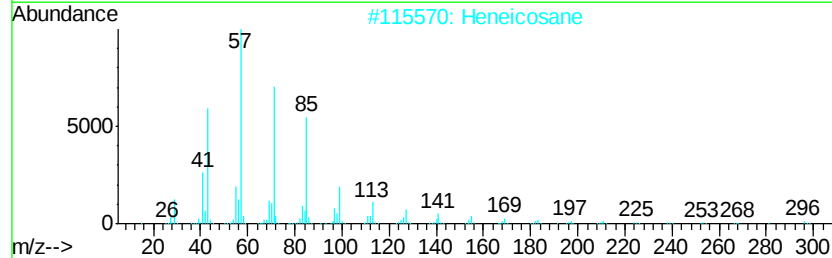
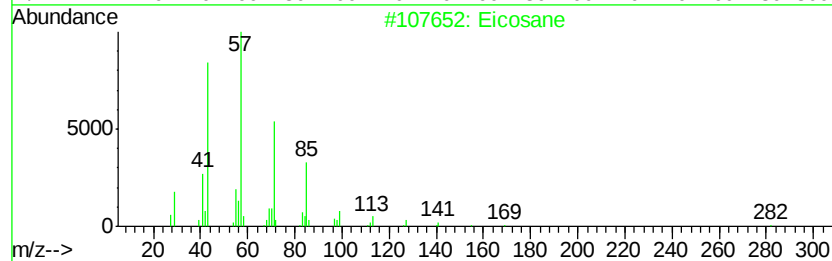
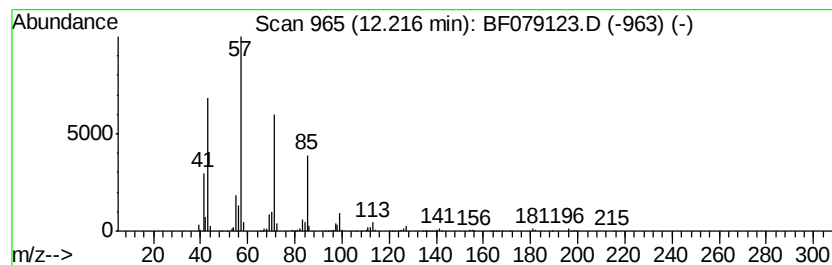
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	27.28 ng	805717	Phenanthrene-d10	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079123.D
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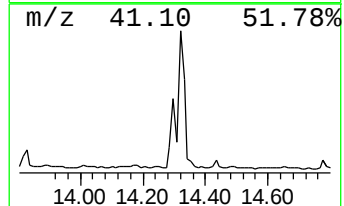
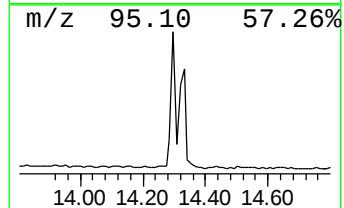
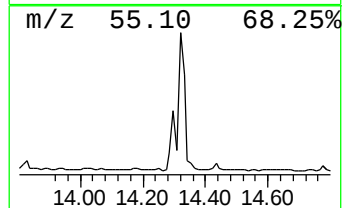
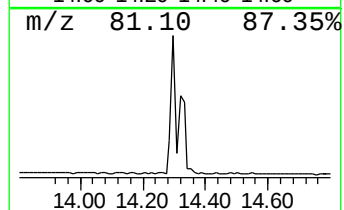
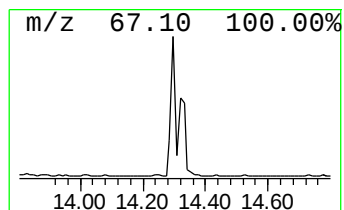
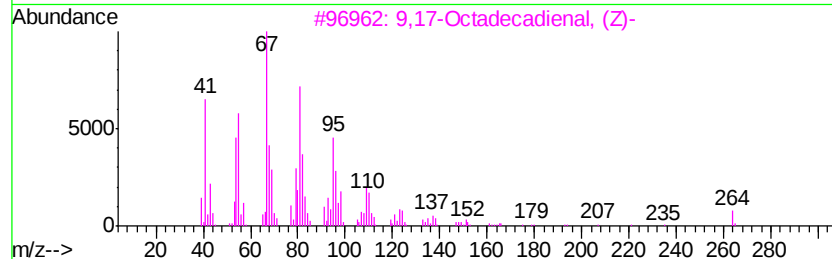
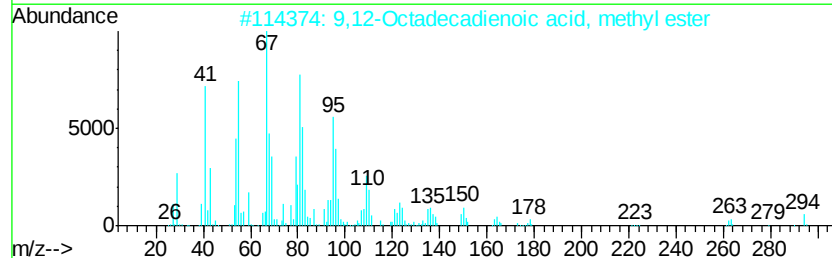
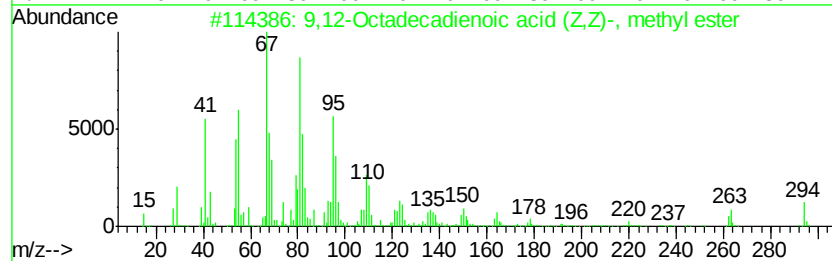
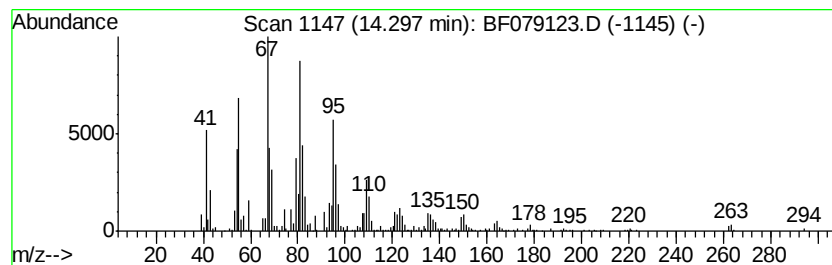
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	32.35 ng	955605	Phenanthrene-d10	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	93
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	92
5		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079123.D
Acq On : 11 May 2015 18:43
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Misc :
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ClientSampleId :
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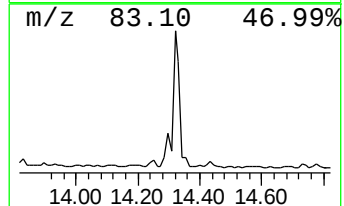
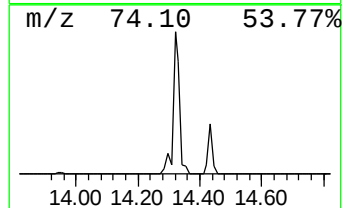
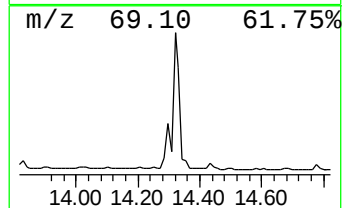
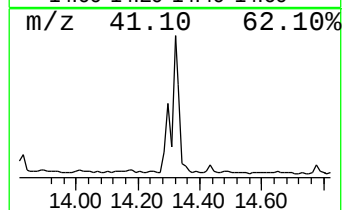
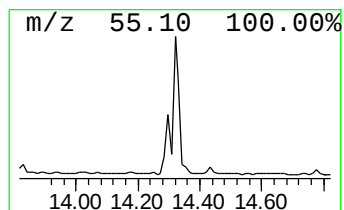
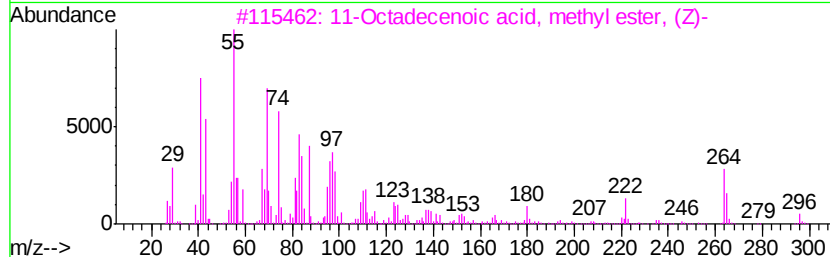
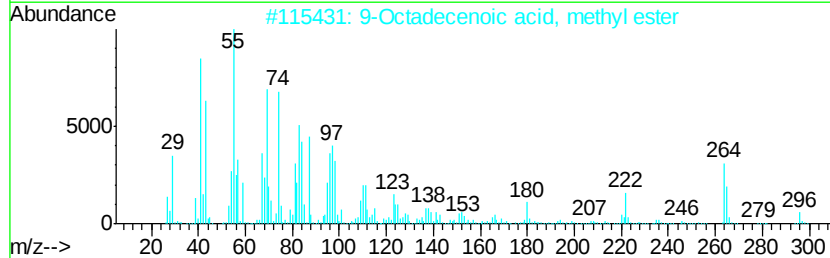
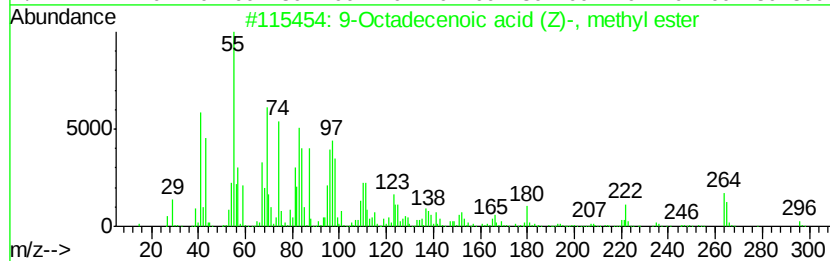
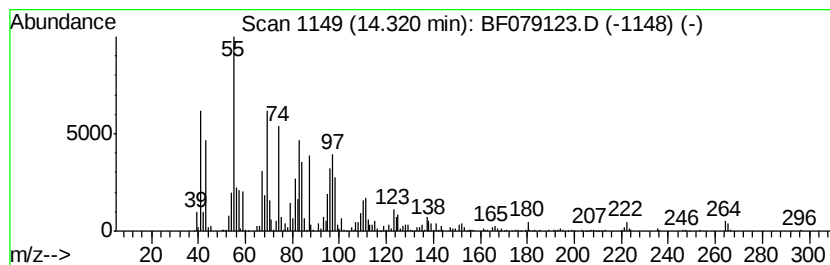
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	63.79 ng	1884270	Phenanthrene-d10	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
2		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
3		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079123.D
 Acq On : 11 May 2015 18:43
 Operator : TP/IZ
 Sample : G2140-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9795

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Hexane, 2,2,5-tri...	6.68	17.6	ng	2306240	1	7.30	2621050	20.0
Octane, 3,4,5,6-t...	7.03	16.4	ng	2152230	1	7.30	2621050	20.0
Decane	7.12	64.6	ng	8471520	1	7.30	2621050	20.0
Octane, 2,5,6-tri...	7.24	19.5	ng	2561070	1	7.30	2621050	20.0
unknown7.50	7.50	122.5	ng	16057900	1	7.30	2621050	20.0
Decane, 2,5,6-tri...	7.68	200.5	ng	26278300	1	7.30	2621050	20.0
1-Iodo-2-methylun...	7.77	65.1	ng	8532970	1	7.30	2621050	20.0
Decane, 3,8-dimet...	8.40	16.4	ng	3567810	2	8.90	4350820	20.0
Cyclohexane, (2-m...	8.48	37.6	ng	8180000	2	8.90	4350820	20.0
Undecane, 3-methyl-	8.71	24.4	ng	5309630	2	8.90	4350820	20.0
Undecane, 3,9-dim...	9.18	15.8	ng	3425790	2	8.90	4350820	20.0
Cyclohexane, (4-m...	9.28	38.1	ng	8290860	2	8.90	4350820	20.0
Dodecane, 2-methyl-	9.39	20.8	ng	4528500	2	8.90	4350820	20.0
Dodecane, 3-methyl-	9.44	36.0	ng	7841880	2	8.90	4350820	20.0
Hexadecane	9.66	29.8	ng	6471420	2	8.90	4350820	20.0
Eicosane	12.22	27.3	ng	805717	4	12.89	590770	20.0
9,12-Octadecadien...	14.30	32.4	ng	955605	4	12.89	590770	20.0
9-Octadecenoic ac...	14.32	63.8	ng	1884270	4	12.89	590770	20.0