

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081092.D
 Acq On : 19 Aug 2015 20:55
 Operator : UM/IZ
 Sample : G3324-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9832

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-BF081715.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	4.687	243	245	253	rBV	116897	142639	1.17%	0.195%
2	5.144	284	285	291	rVB	218082	226297	1.85%	0.309%
3	5.830	343	345	348	rVV3	81387	201050	1.64%	0.275%
4	5.910	348	352	360	rVB2	72990	345296	2.82%	0.472%
5	6.093	365	368	370	rBV	952483	2490345	20.34%	3.404%
6	6.230	375	380	384	rBV5	507441	2031048	16.59%	2.776%
7	6.287	384	385	388	rVB	215074	286864	2.34%	0.392%
8	6.390	388	394	397	rBV4	659361	3305039	27.00%	4.518%
9	6.459	397	400	410	rBV	2309665	12242037	100.00%	16.735%
10	6.710	413	422	423	rBV2	1520879	7967596	65.08%	10.892%
11	8.185	549	551	555	rVB2	2057071	3990693	32.60%	5.455%
12	8.242	555	556	557	rVV	1212501	1275512	10.42%	1.744%
13	8.265	557	558	561	rVV2	3745483	6726553	54.95%	9.195%
14	8.310	561	562	563	rVV	2921068	2206356	18.02%	3.016%
15	8.333	563	564	566	rVB	2324124	3040919	24.84%	4.157%
16	8.379	566	568	569	rVB	3683169	3671443	29.99%	5.019%
17	8.527	579	581	583	rVB	4084470	4863351	39.73%	6.648%
18	8.573	583	585	587	rVV3	538137	991544	8.10%	1.355%
19	8.607	587	588	592	rVB2	1276790	1475695	12.05%	2.017%
20	8.665	592	593	594	rVB	297375	203851	1.67%	0.279%
21	8.687	594	595	597	rBV2	595148	665995	5.44%	0.910%
22	8.779	602	603	604	rBV	656507	692807	5.66%	0.947%
23	8.813	604	606	608	rVB3	528939	896591	7.32%	1.226%
24	8.859	608	610	612	rVB	797583	731156	5.97%	0.999%
25	8.927	612	616	617	rVB2	573258	1187634	9.70%	1.624%
26	8.962	617	619	621	rVB2	321613	460227	3.76%	0.629%
27	9.007	621	623	625	rBV	717994	817501	6.68%	1.118%
28	9.053	625	627	629	rBV	1612950	1518069	12.40%	2.075%
29	9.110	629	632	635	rVB4	163102	395791	3.23%	0.541%
30	9.156	635	636	638	rVB2	163253	199337	1.63%	0.272%
31	9.213	638	641	644	rVB3	105307	258672	2.11%	0.354%
32	9.270	644	646	647	rBV	77711	124862	1.02%	0.171%
33	9.305	647	649	651	rBV3	132201	230265	1.88%	0.315%
34	9.362	651	654	658	rBV2	355055	512087	4.18%	0.700%

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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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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35	9.419	658	659	664	rVB2	184828	287896	2.35%	0.394%
36	9.579	671	673	674	rBV	699786	872023	7.12%	1.192%
37	9.613	674	676	679	rVB	437118	659242	5.39%	0.901%
38	9.682	679	682	690	rVB6	88963	334327	2.73%	0.457%
39	9.808	690	693	696	rBV3	123769	309831	2.53%	0.424%
40	9.888	699	700	702	rVB	150785	166998	1.36%	0.228%
41	10.036	707	713	714	rBV4	87339	176664	1.44%	0.242%
42	10.070	714	716	718	rVB	617158	522872	4.27%	0.715%
43	10.288	732	735	738	rVV	182919	257000	2.10%	0.351%
44	10.390	741	744	747	rVB3	149855	276222	2.26%	0.378%
45	10.539	755	757	760	rBV	412108	523983	4.28%	0.716%
46	10.585	760	761	764	rVB	190626	158177	1.29%	0.216%
47	10.985	794	796	797	rBV	201560	180760	1.48%	0.247%
48	11.088	802	805	807	rVB	605315	579832	4.74%	0.793%
49	12.208	899	903	905	rBV2	112541	180028	1.47%	0.246%
50	12.665	941	943	945	rBV	257556	225982	1.85%	0.309%
51	13.705	1031	1034	1036	rBV	576588	615067	5.02%	0.841%
52	15.042	1148	1151	1154	rVB	428456	450567	3.68%	0.616%

Sum of corrected areas: 73152593

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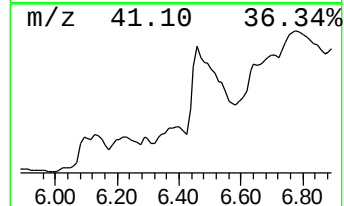
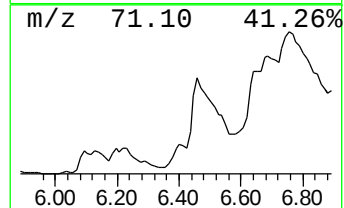
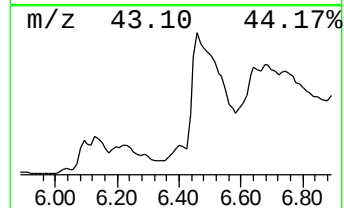
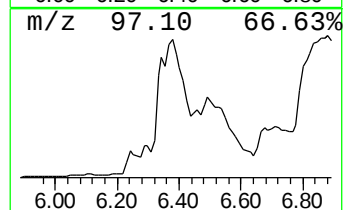
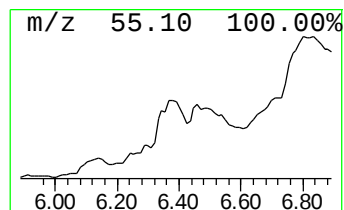
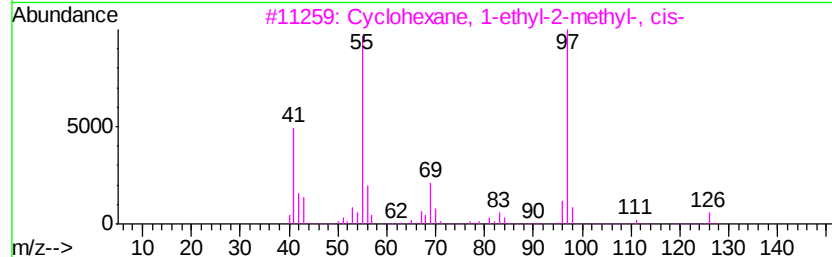
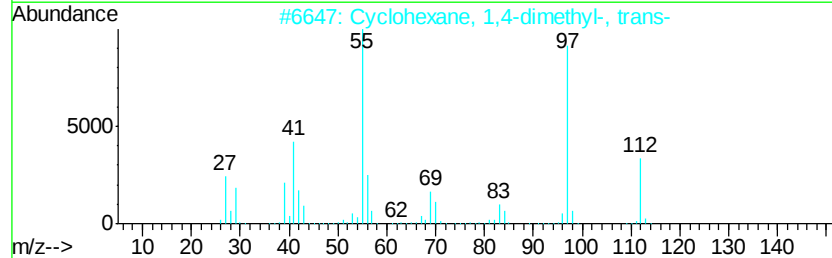
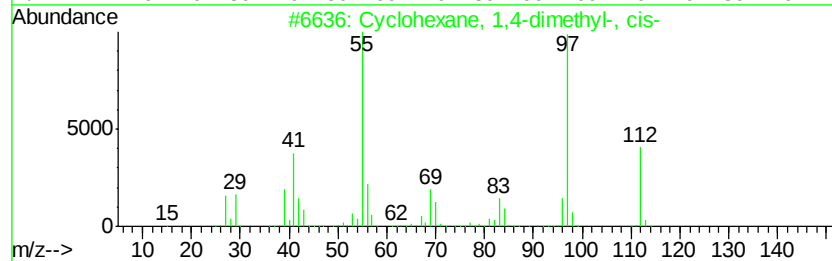
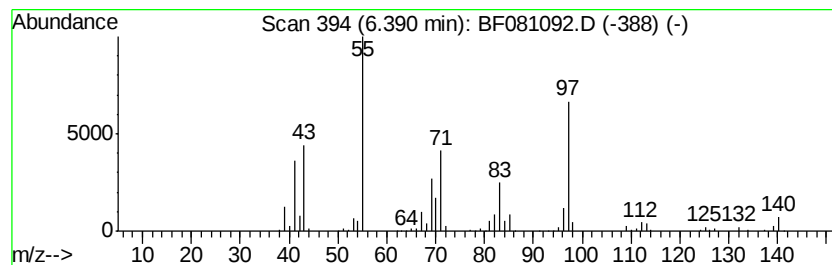
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.39 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	8.30 ng	3305040	1,4-Dichlorobenzene-d4	6.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	46
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	38
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38



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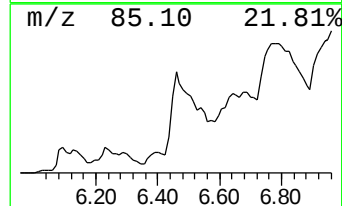
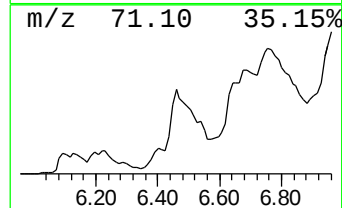
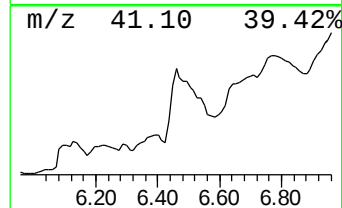
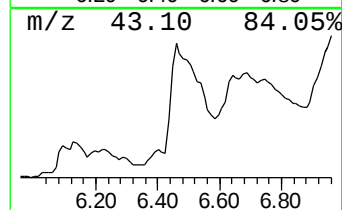
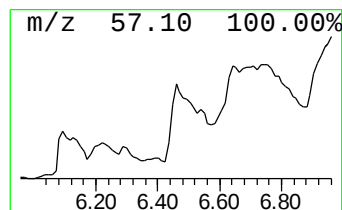
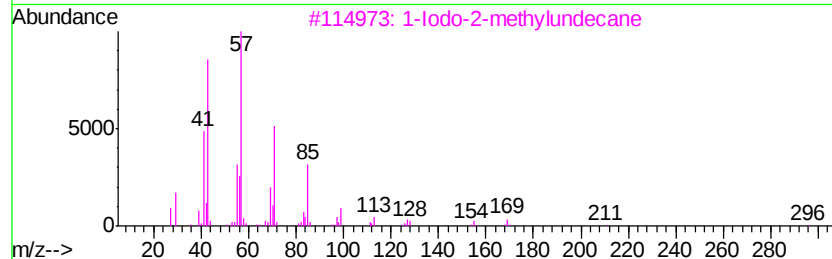
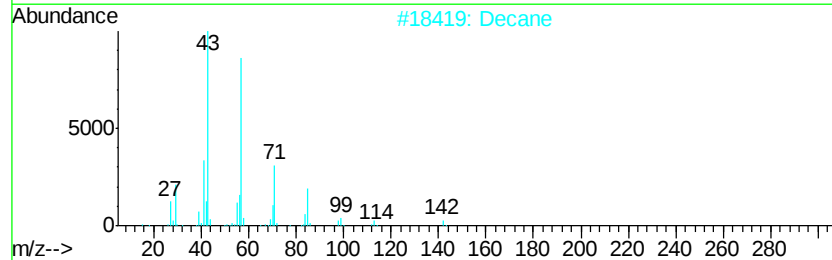
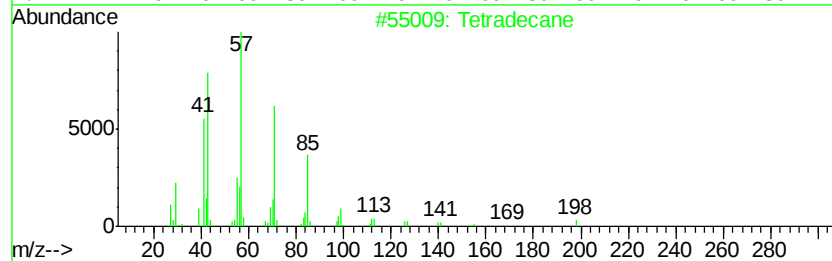
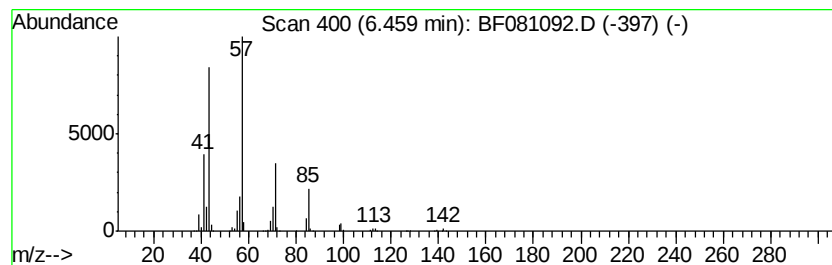
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.46	30.73 ng	12242000	1,4-Dichlorobenzene-d4	6.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Decane	142	C10H22	000124-18-5	83
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
4	Undecane	156	C11H24	001120-21-4	83
5	Hexadecane	226	C16H34	000544-76-3	78



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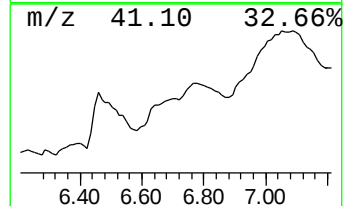
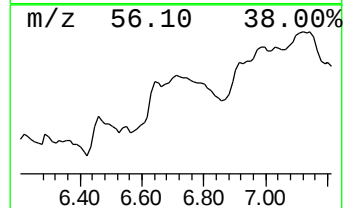
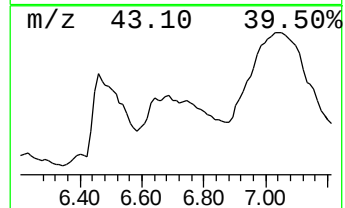
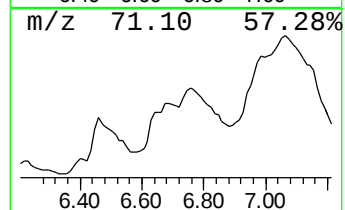
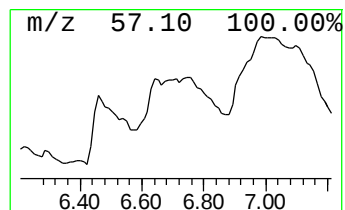
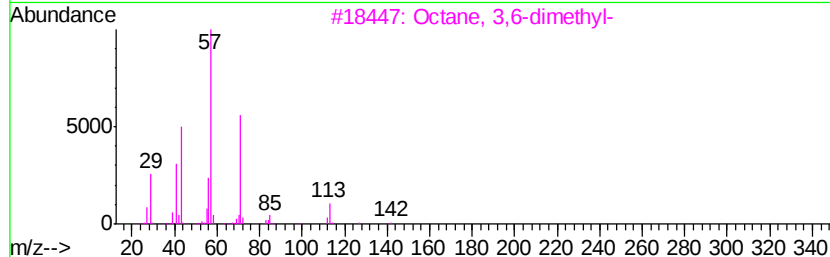
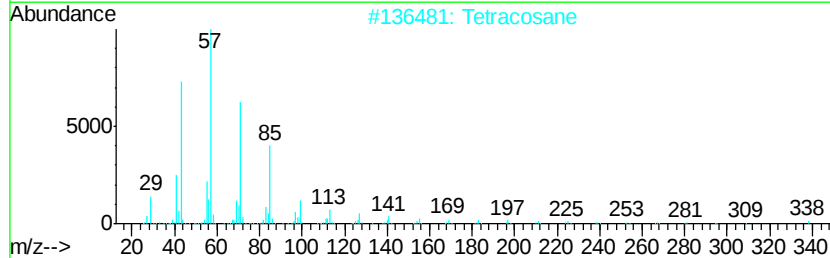
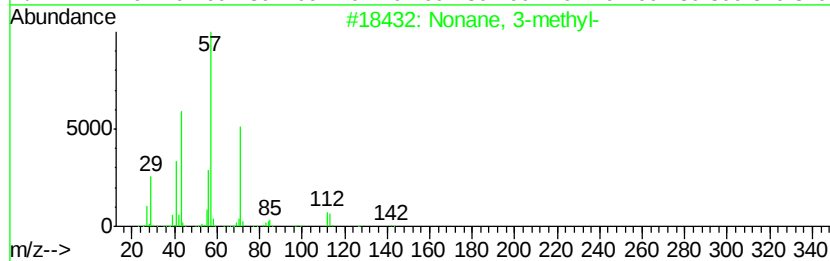
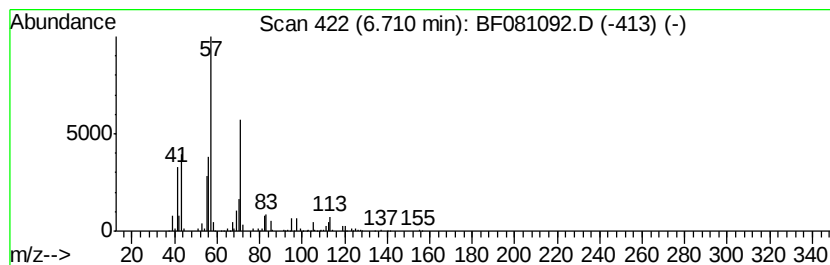
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	20.00 ng	7967600	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2		Tetracosane	338	C24H50	000646-31-1	64
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4		Eicosane	282	C20H42	000112-95-8	53
5		1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	50



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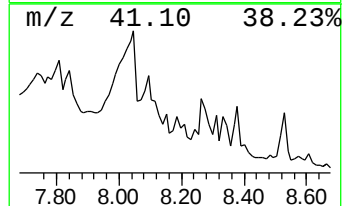
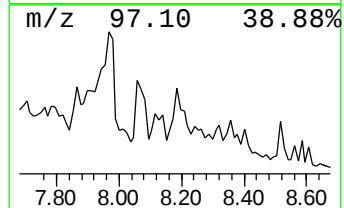
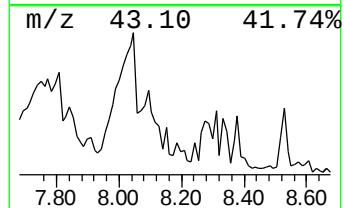
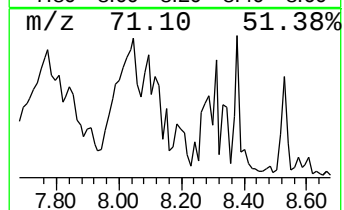
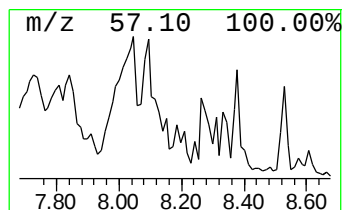
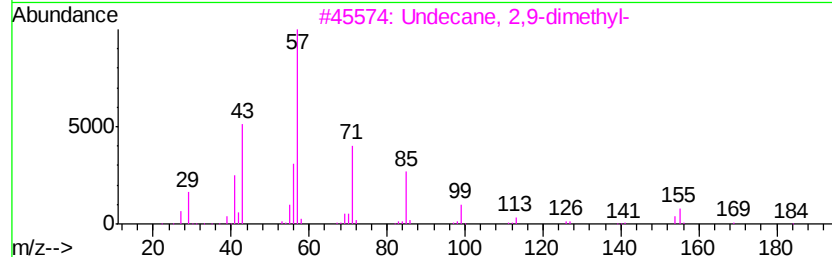
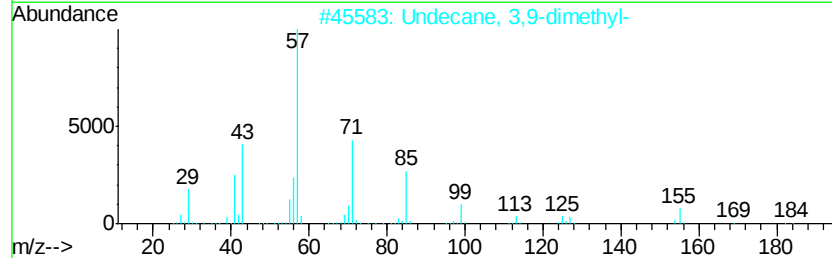
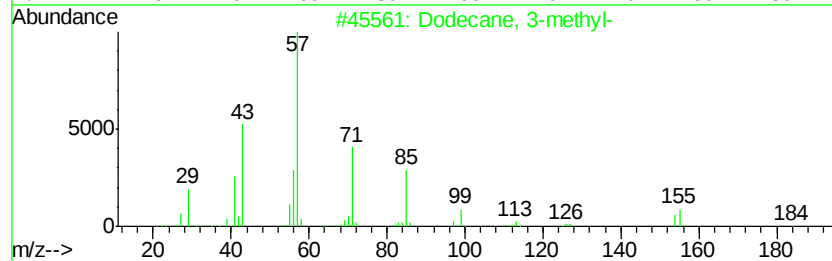
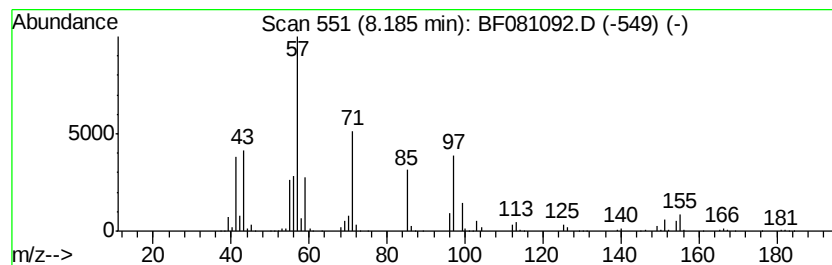
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	20.00 ng	3990690	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	52
2		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	49
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	49
4		Decane, 3-methyl-	156	C11H24	013151-34-3	43
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	38



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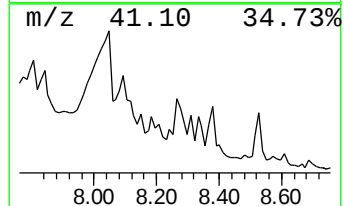
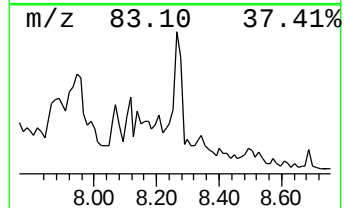
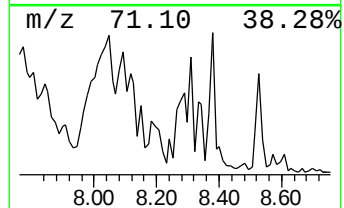
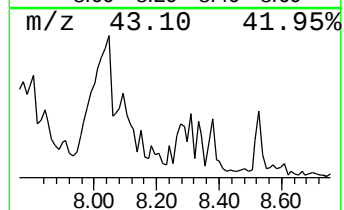
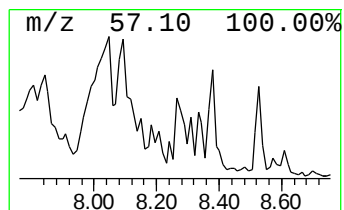
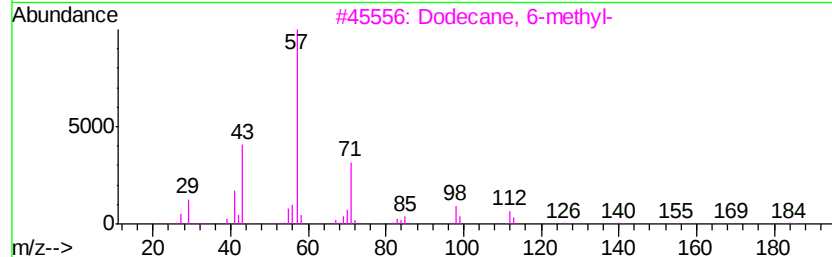
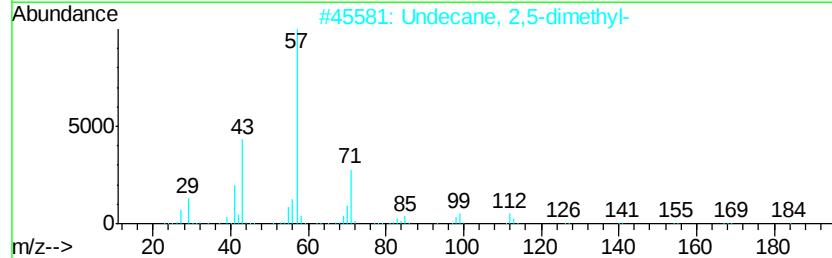
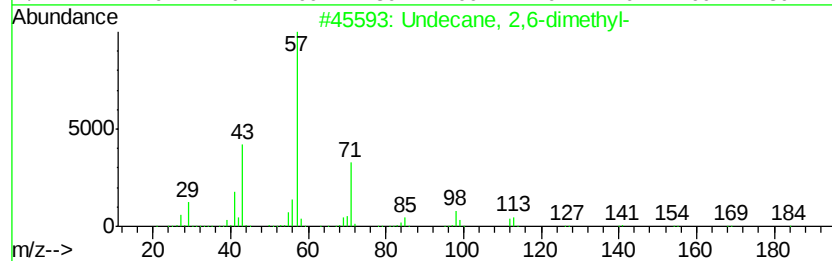
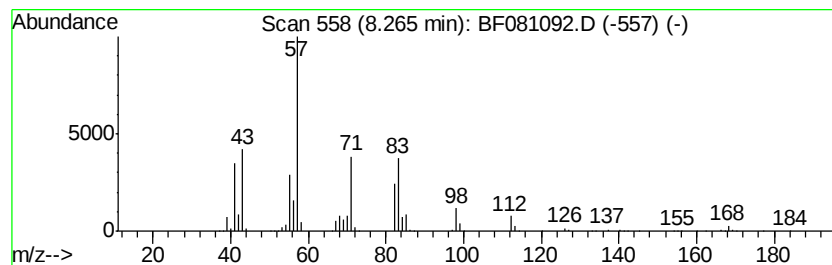
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	33.71 ng	6726550	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	52
4		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	43
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
Operator : UM/IZ
Sample : G3324-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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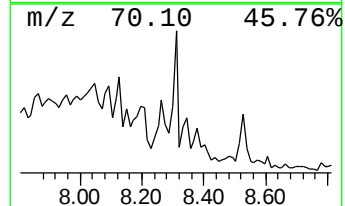
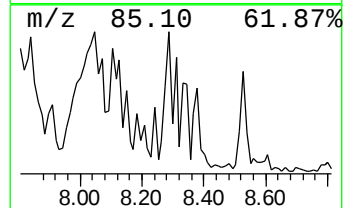
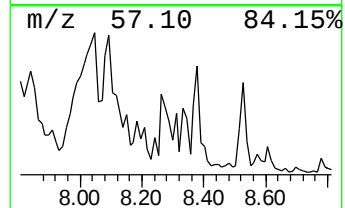
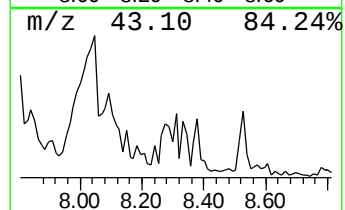
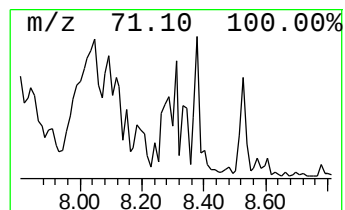
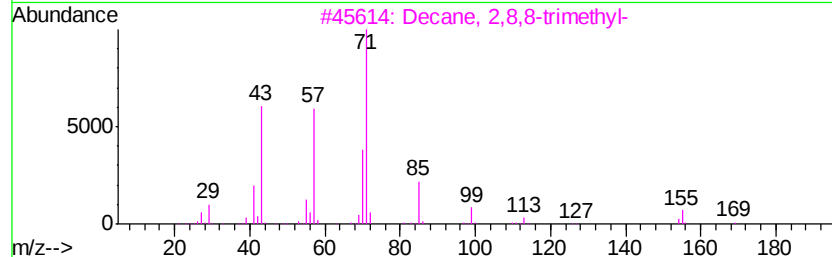
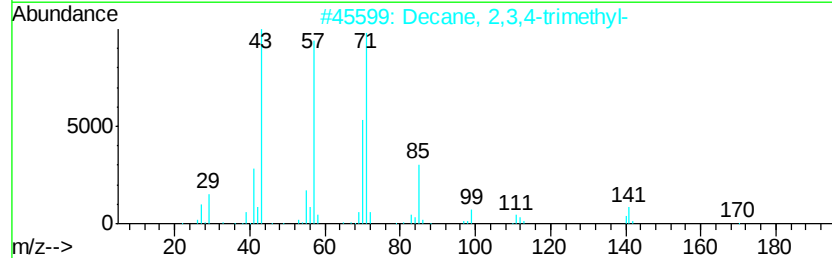
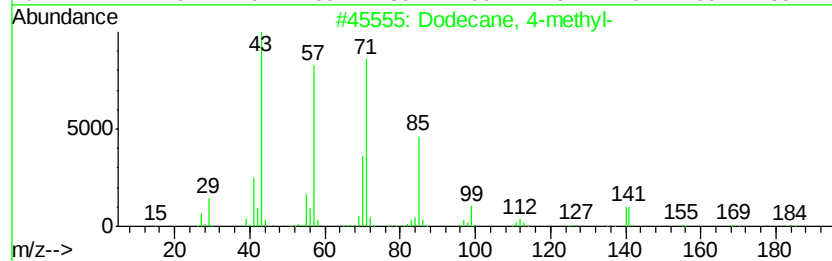
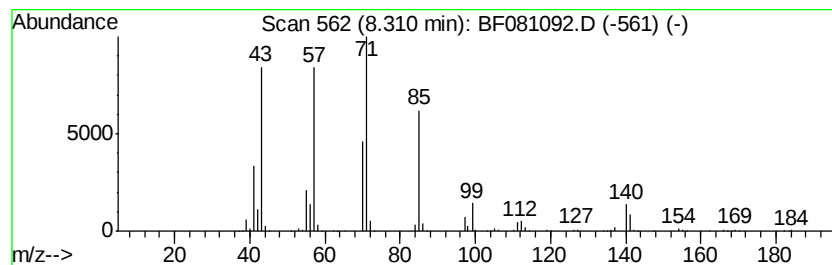
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	11.06 ng	2206360	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	94
2		Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	64
3		Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	53
4		Decane, 5-propyl-	184	C13H28	017312-62-8	52
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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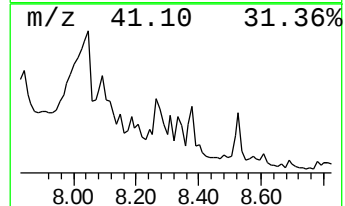
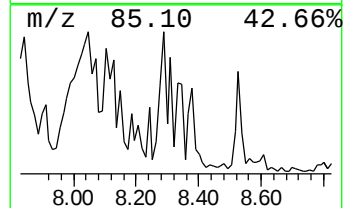
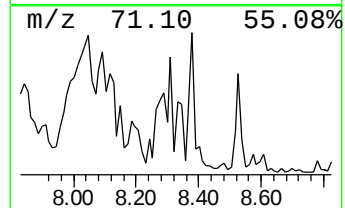
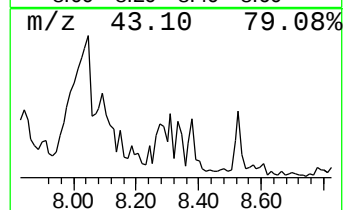
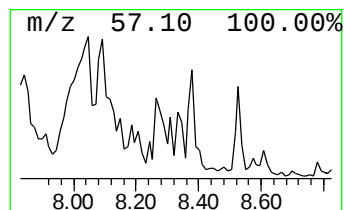
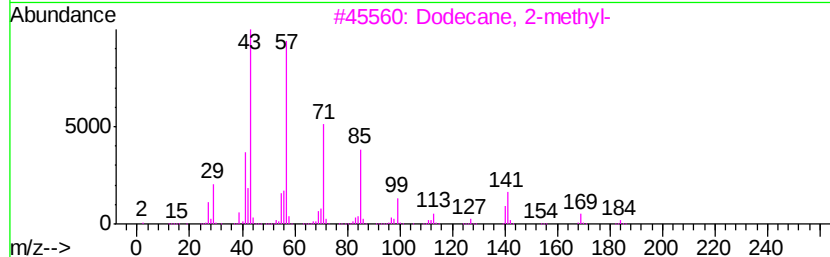
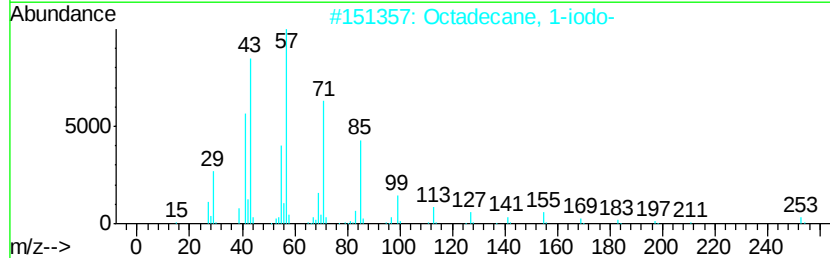
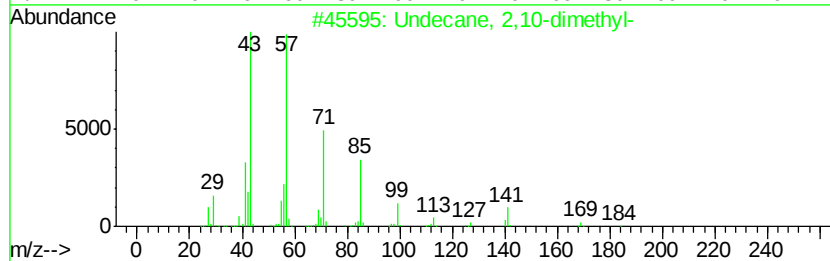
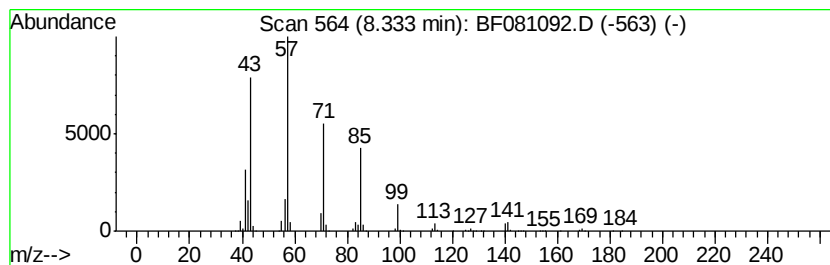
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,10-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	15.24 ng	3040920	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	83
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	78
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
5		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
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Sample : G3324-01
Misc :
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Instrument :
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ClientSampleID :
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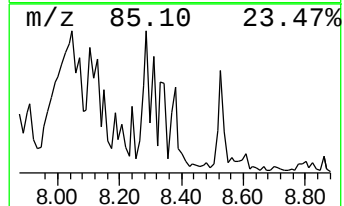
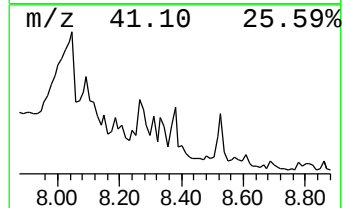
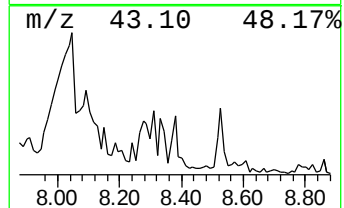
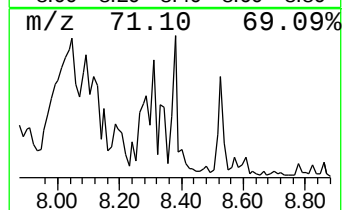
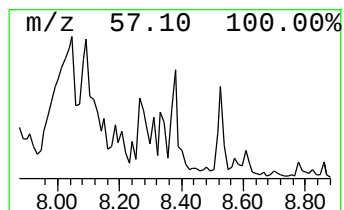
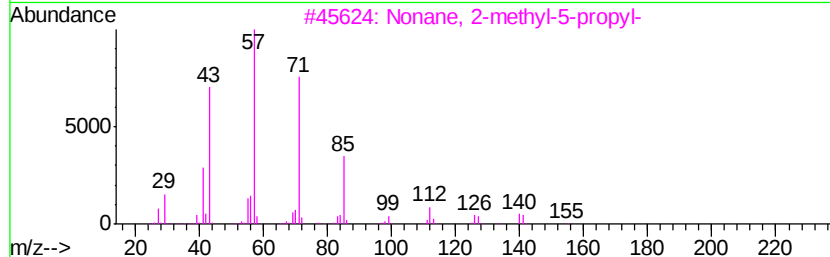
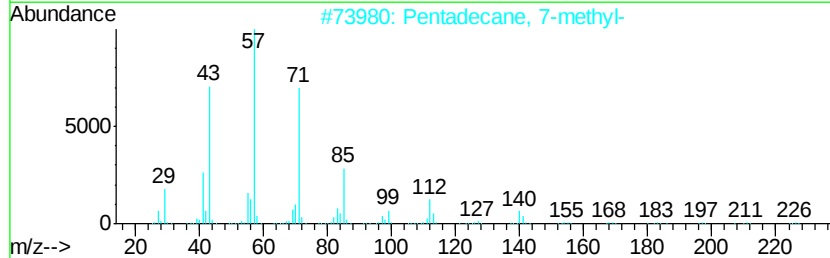
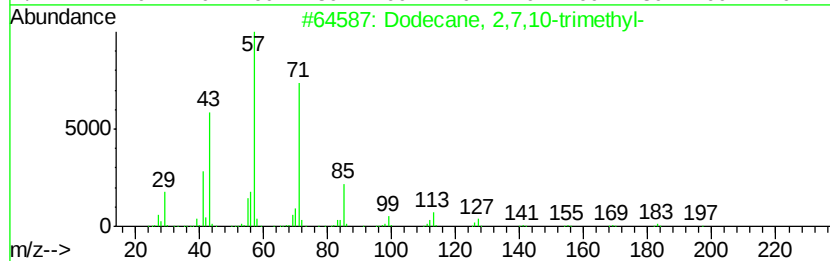
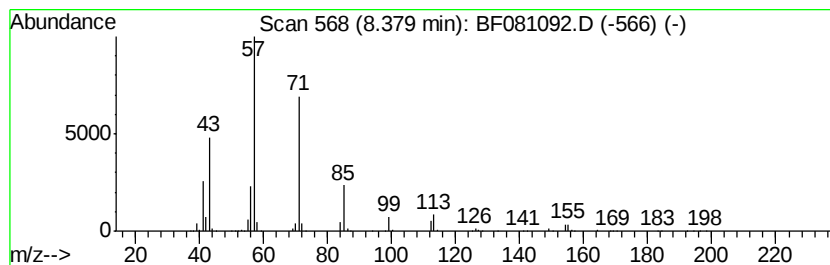
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	18.40 ng	3671440	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
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Misc :
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ClientSampleId :
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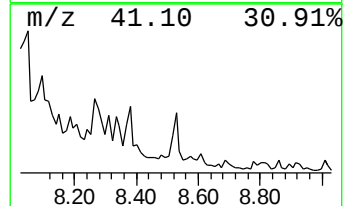
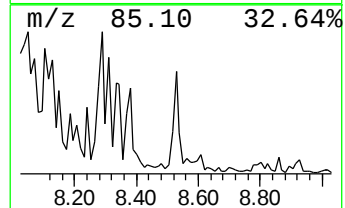
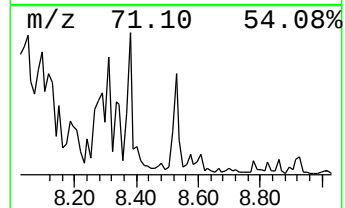
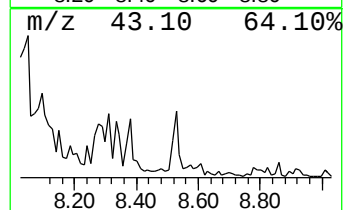
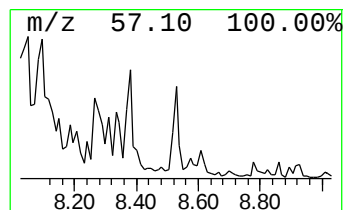
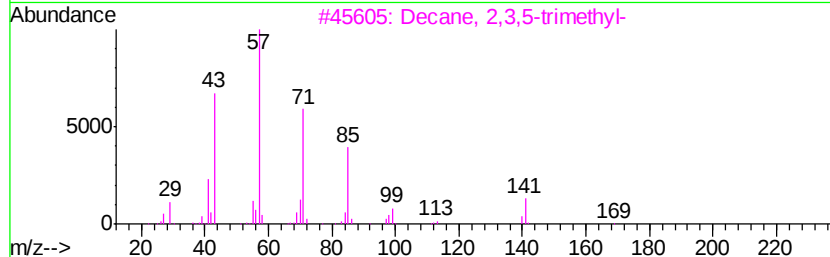
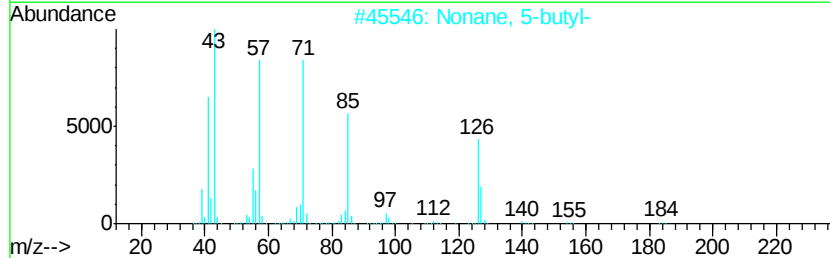
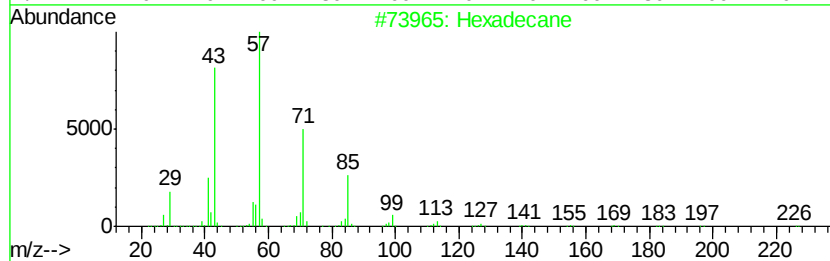
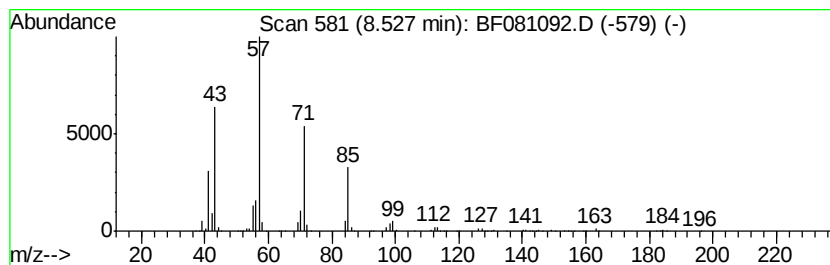
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	24.37 ng	4863350	Naphthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	87
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
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Sample : G3324-01
Misc :
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ClientSampleId :
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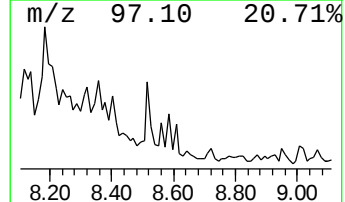
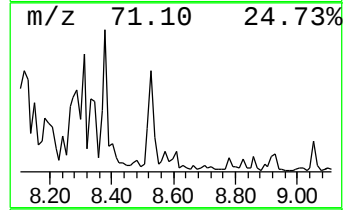
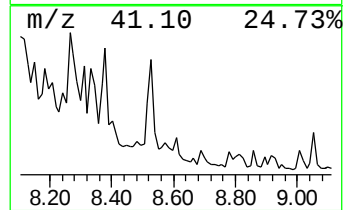
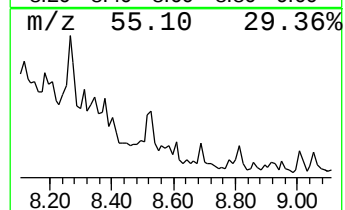
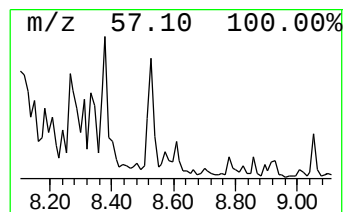
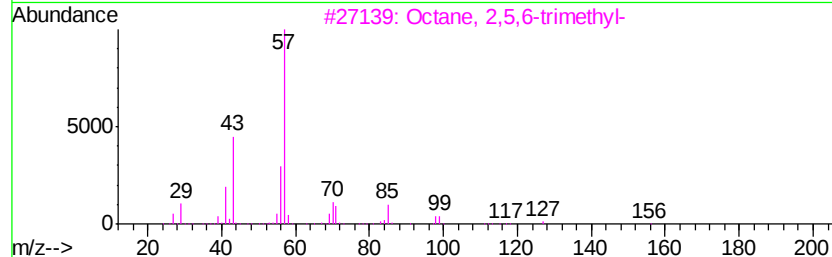
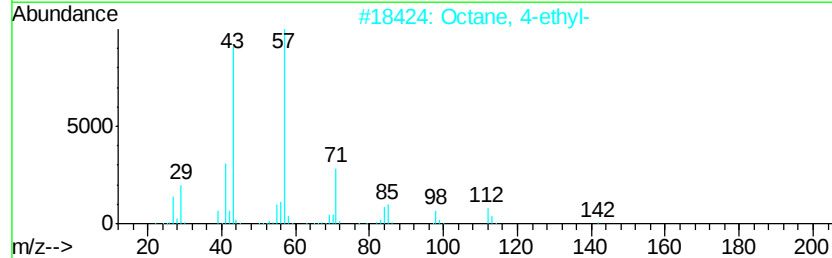
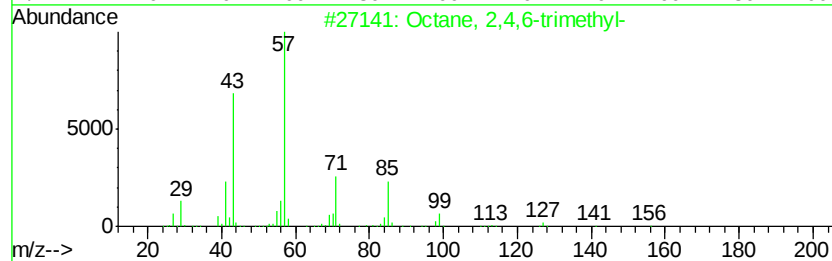
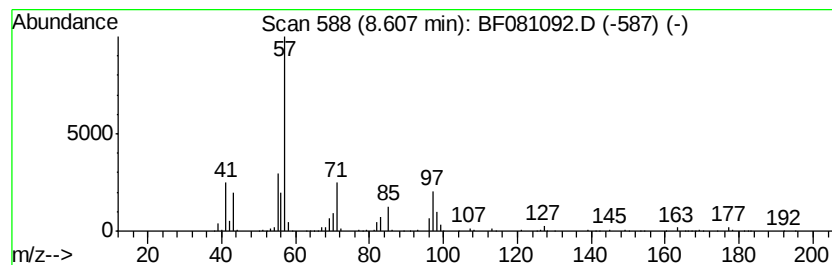
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.61 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	7.40 ng	1475700	Naphthalene-d8	7.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	43
3			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
5			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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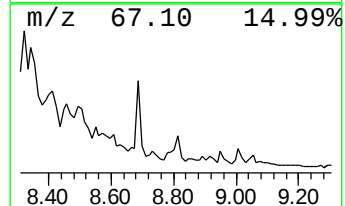
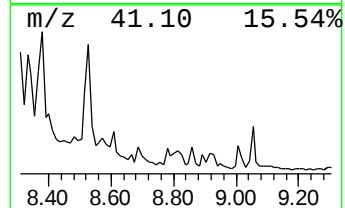
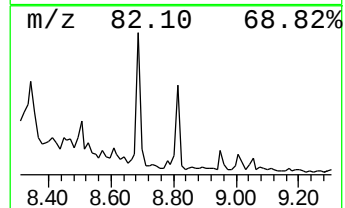
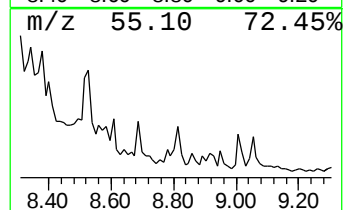
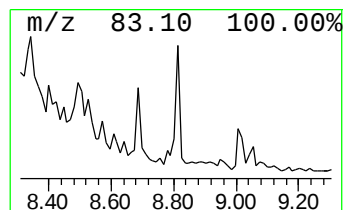
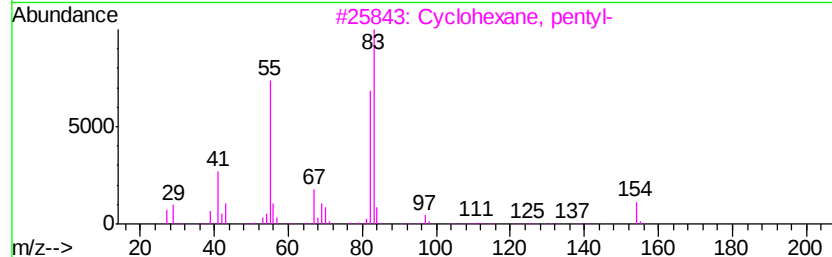
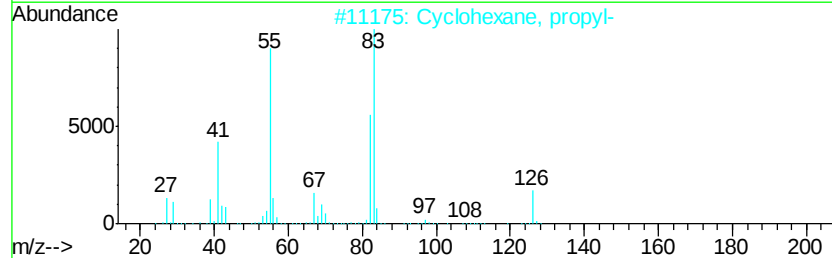
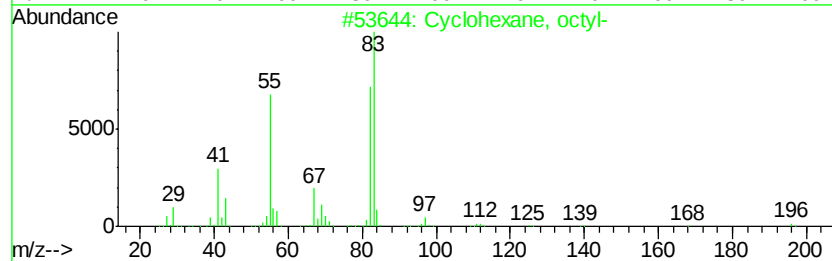
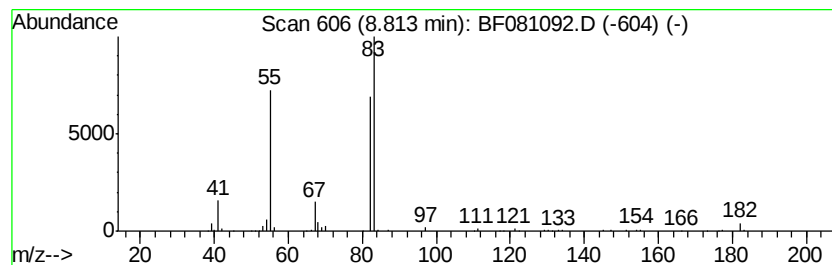
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	27.20 ng	896591	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4		Heptylcyclohexane	182	C13H26	005617-41-4	64
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
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Sample : G3324-01
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ClientSampleId :
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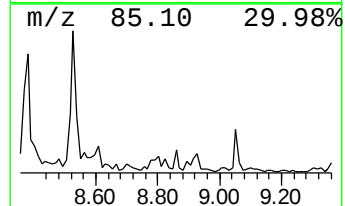
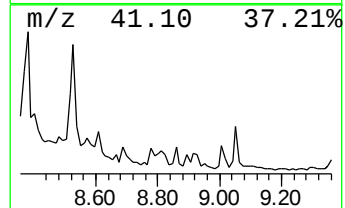
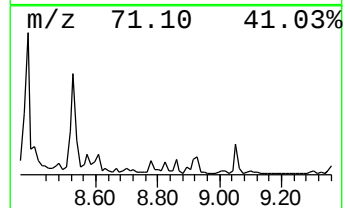
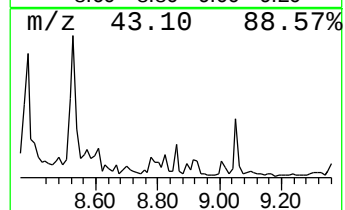
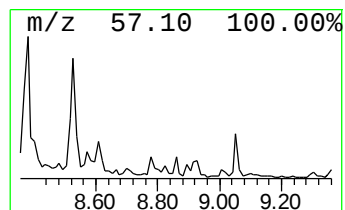
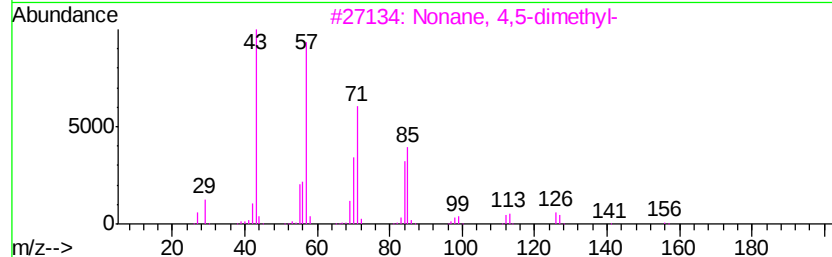
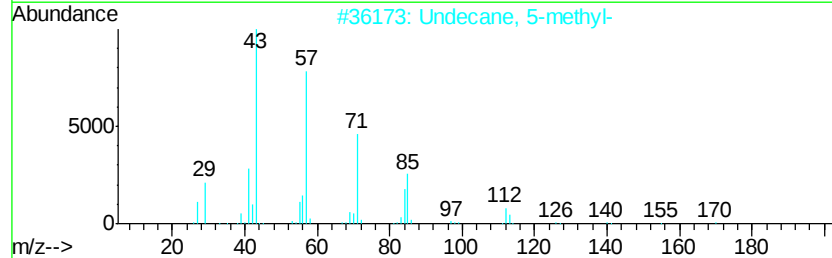
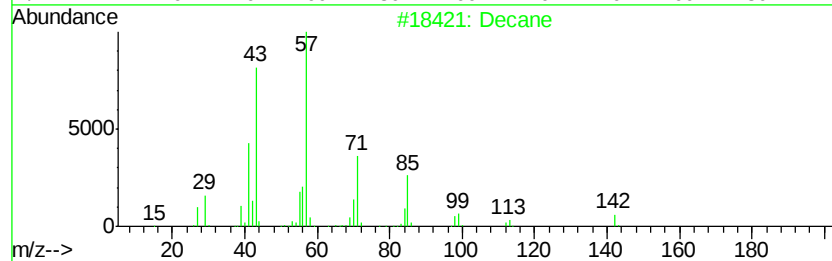
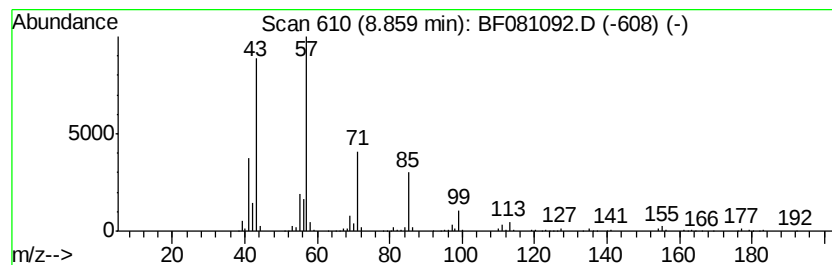
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	22.18 ng	731156	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	83
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	78
3		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
Operator : UM/IZ
Sample : G3324-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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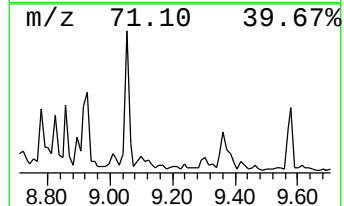
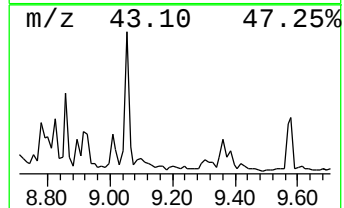
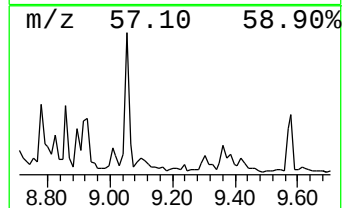
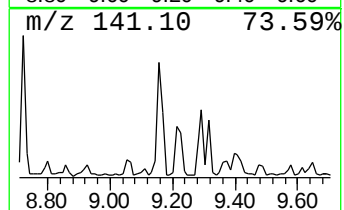
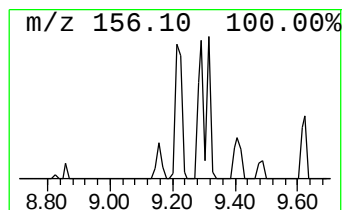
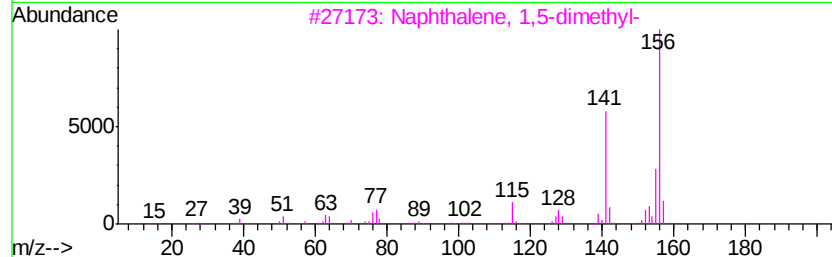
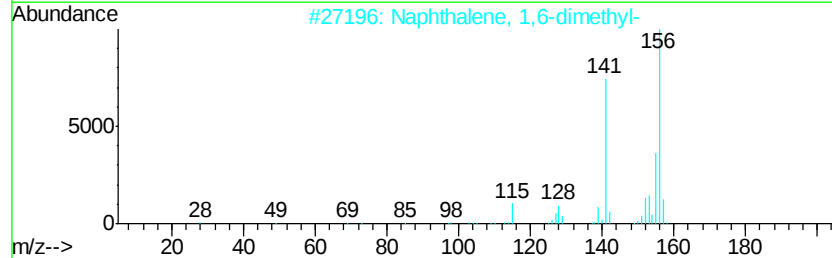
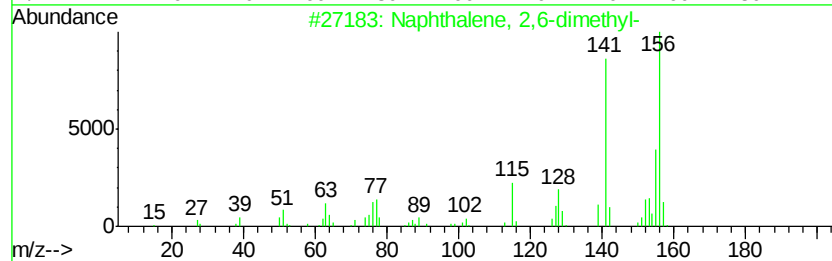
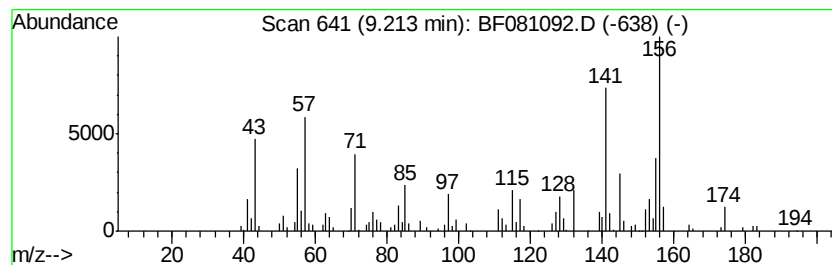
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	7.85 ng	258672	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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ClientSampleID :
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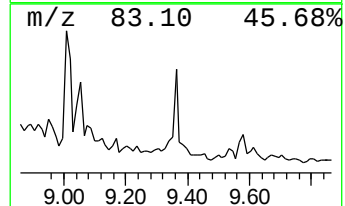
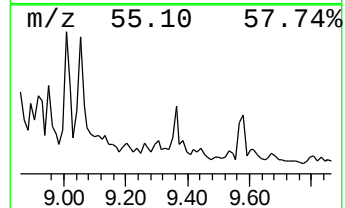
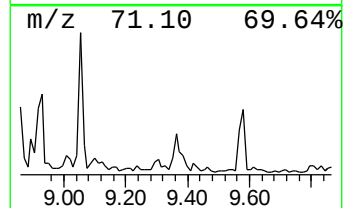
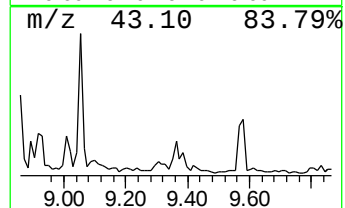
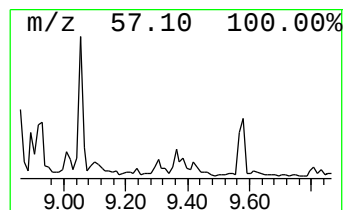
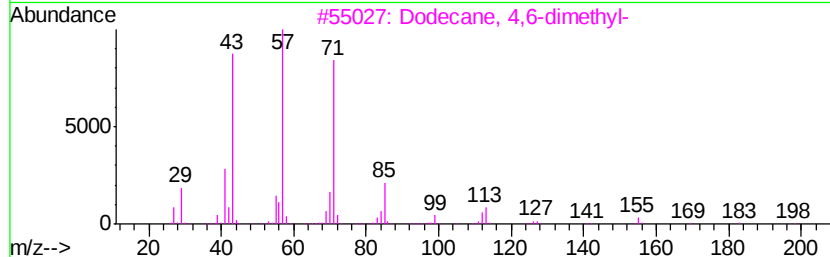
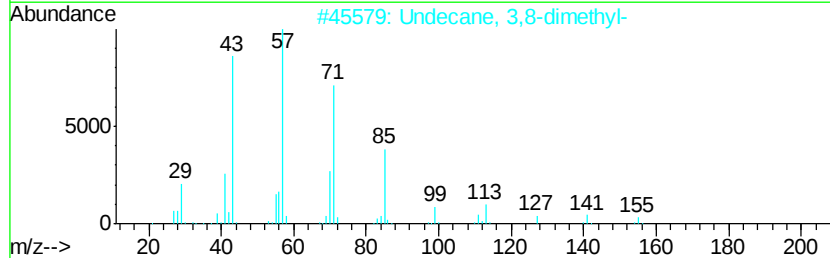
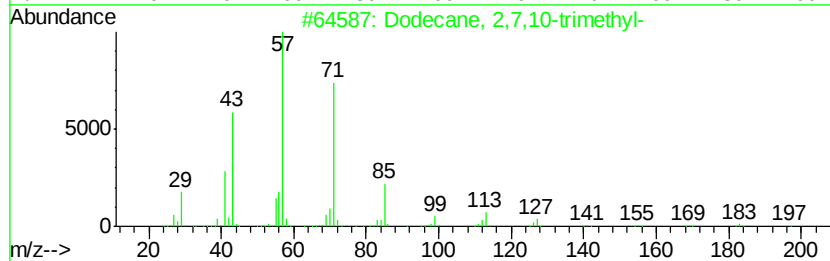
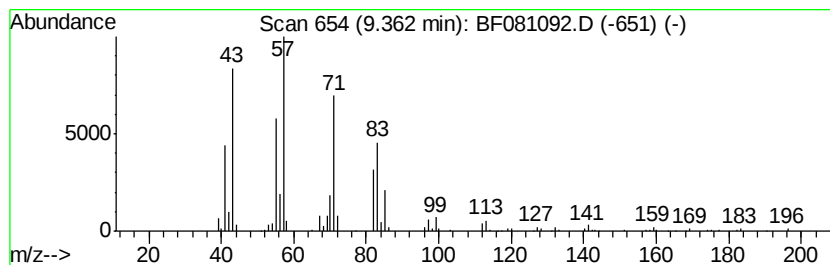
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.36 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	15.54 ng	512087	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
2			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	43
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43
4			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
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Misc :
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ClientSampleId :
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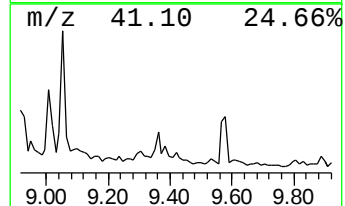
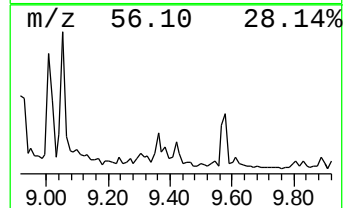
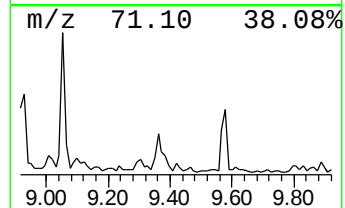
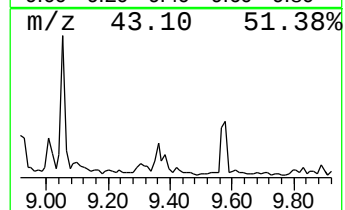
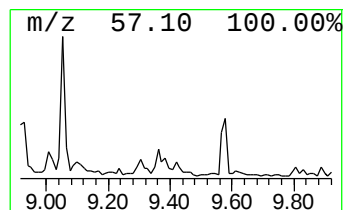
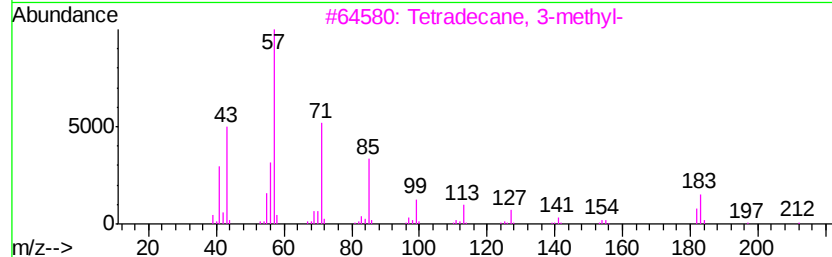
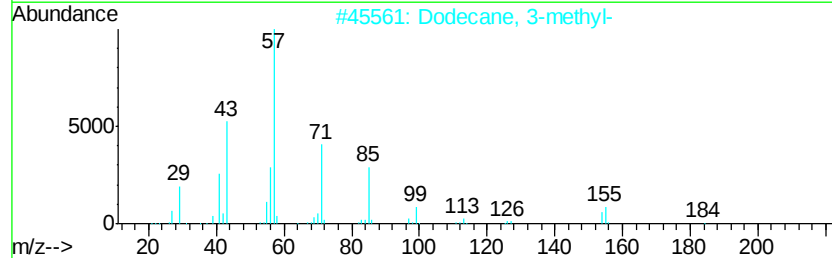
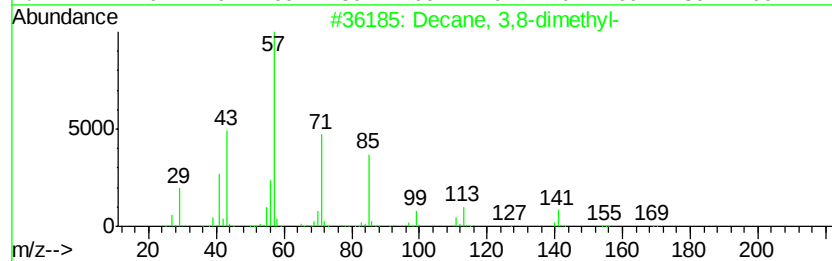
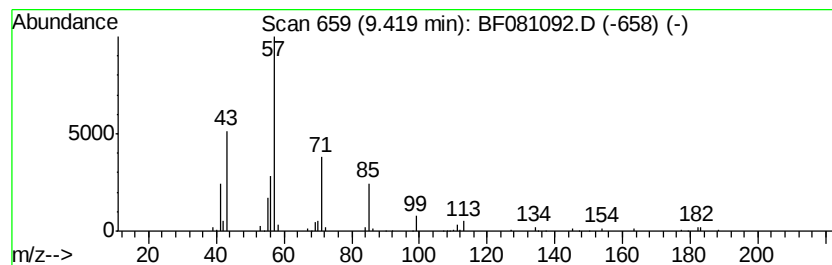
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 3,8-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	8.73 ng	287896	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
3			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	78
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5			3,5-Dimethyldodecane	198	C14H30	107770-99-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
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Misc :
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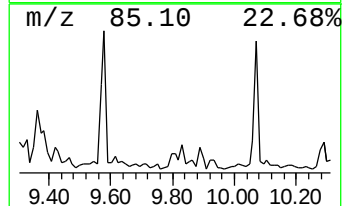
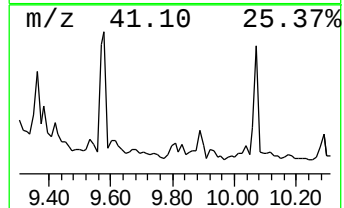
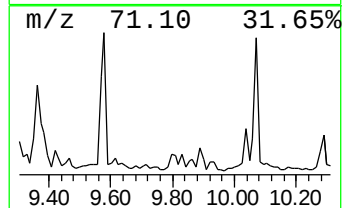
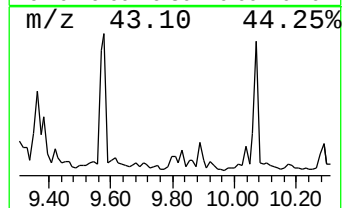
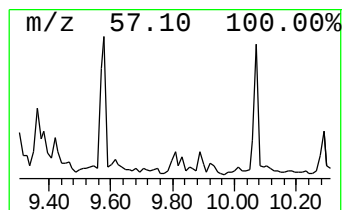
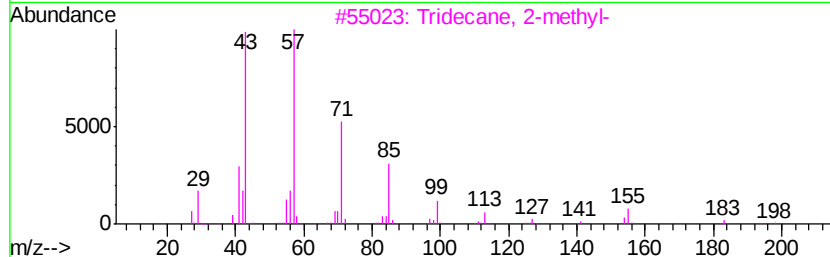
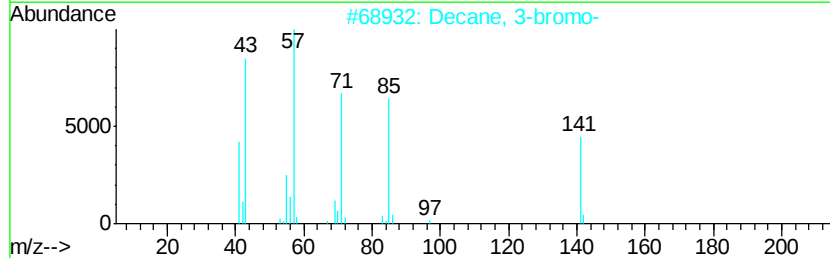
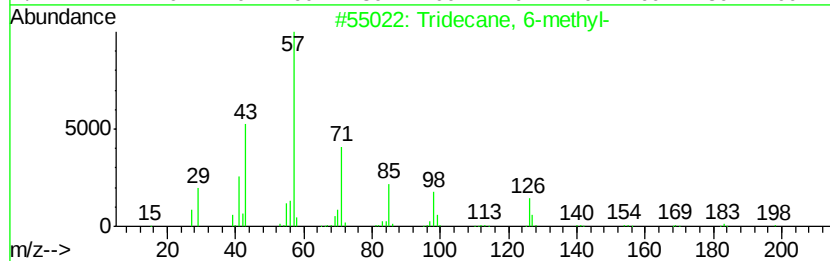
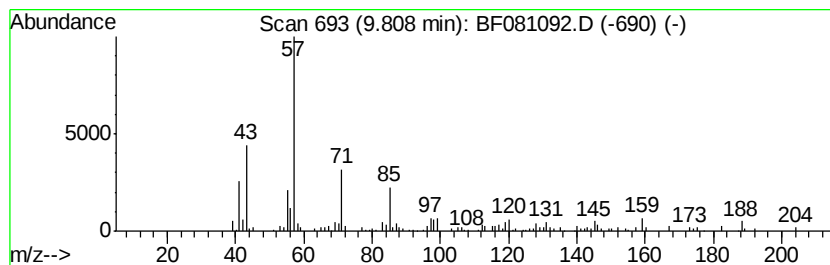
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	9.40 ng	309831	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
2		Decane, 3-bromo-	220	C10H21Br	030571-71-2	43
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	43
4		Octadecane	254	C18H38	000593-45-3	43
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
Acq On : 19 Aug 2015 20:55
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Misc :
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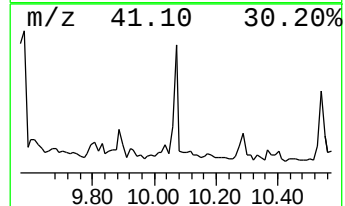
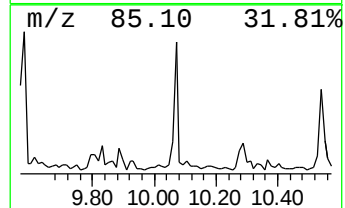
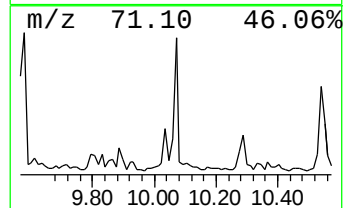
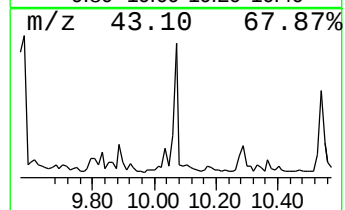
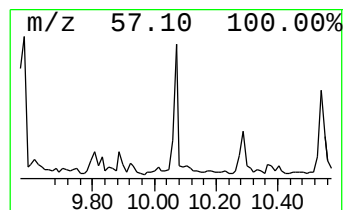
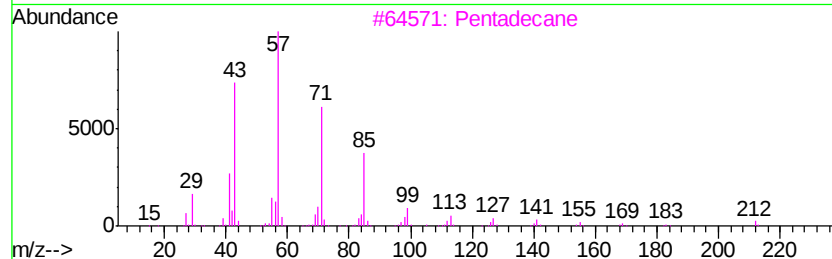
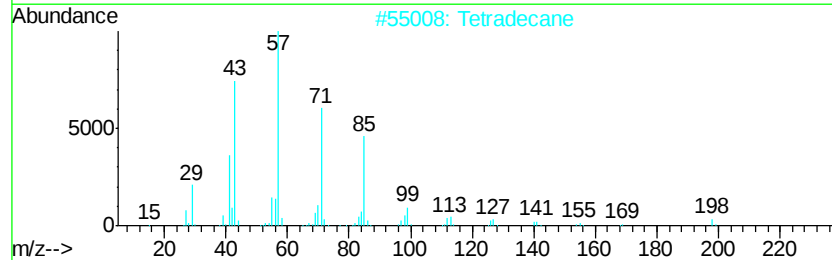
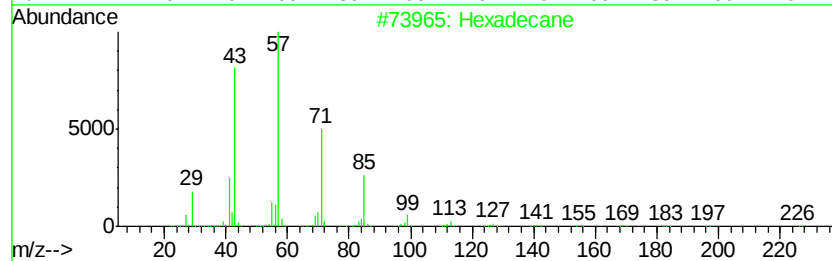
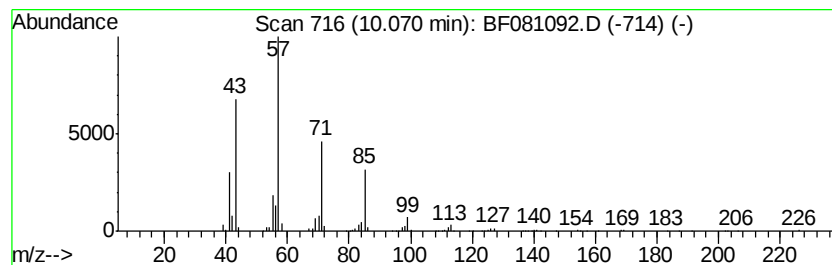
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	15.86 ng	522872	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Tetradecane	198	C14H30	000629-59-4	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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Acq On : 19 Aug 2015 20:55
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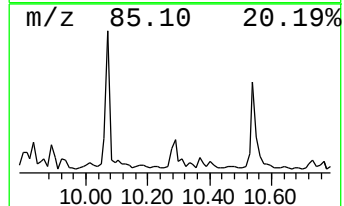
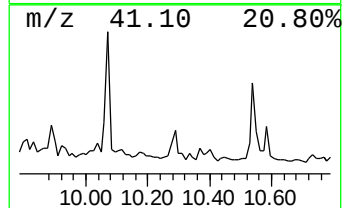
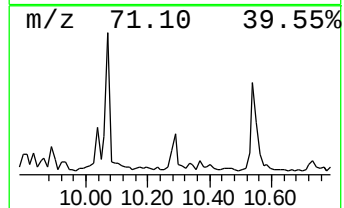
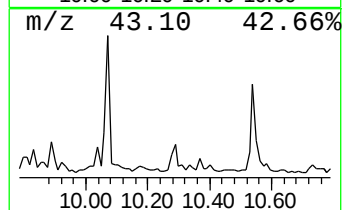
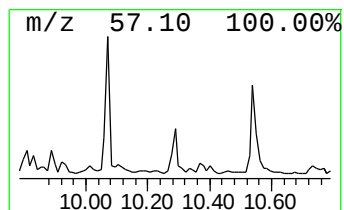
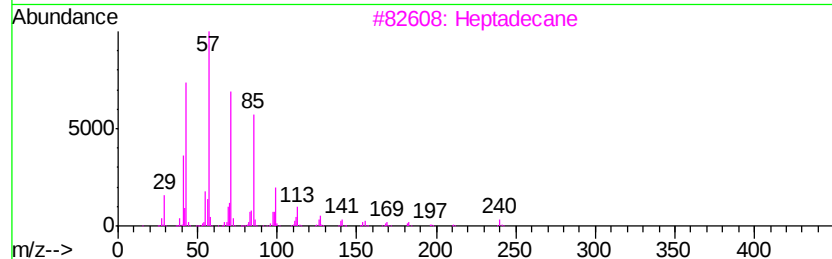
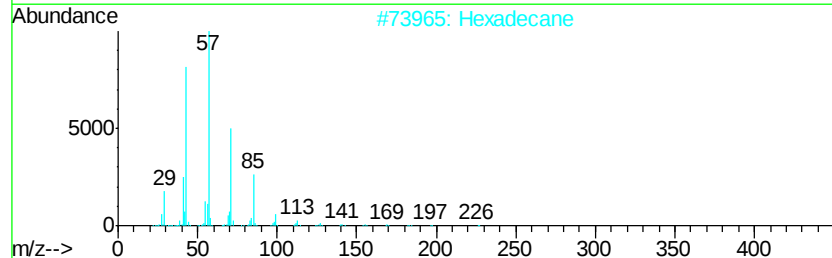
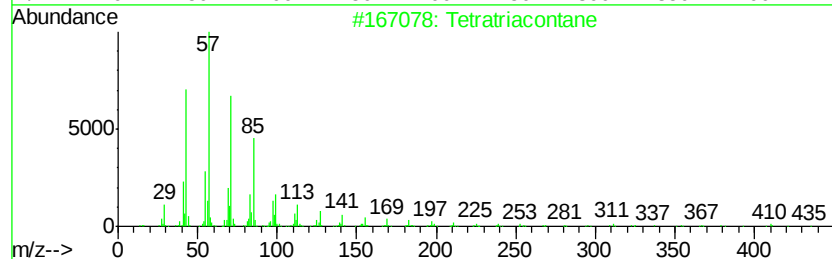
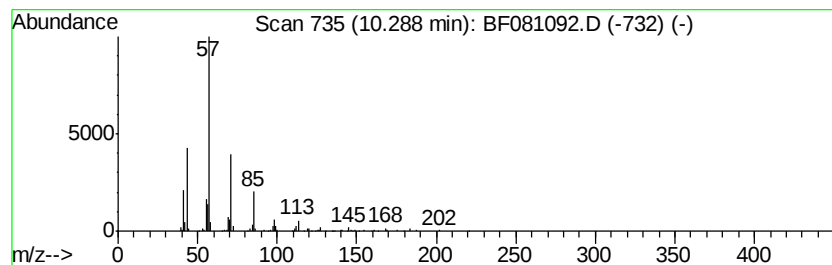
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetratriacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	7.80 ng	257000	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	72
2			Hexadecane	226	C16H34	000544-76-3	64
3			Heptadecane	240	C17H36	000629-78-7	64
4			Eicosane	282	C20H42	000112-95-8	64
5			Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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Sample : G3324-01
Misc :
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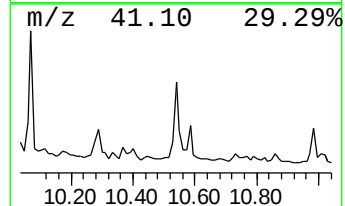
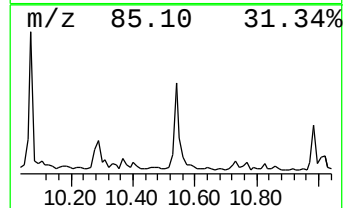
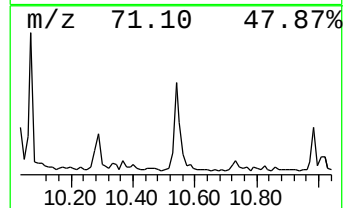
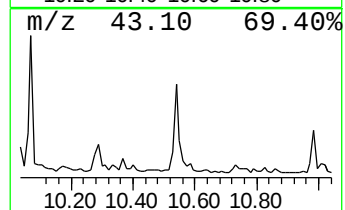
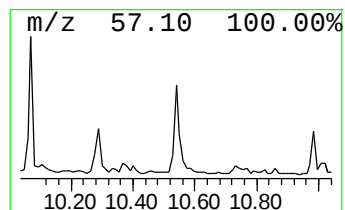
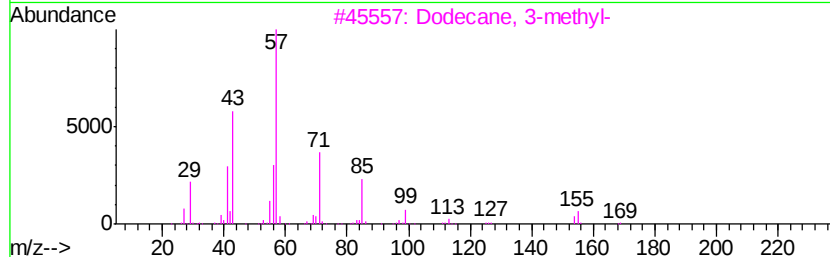
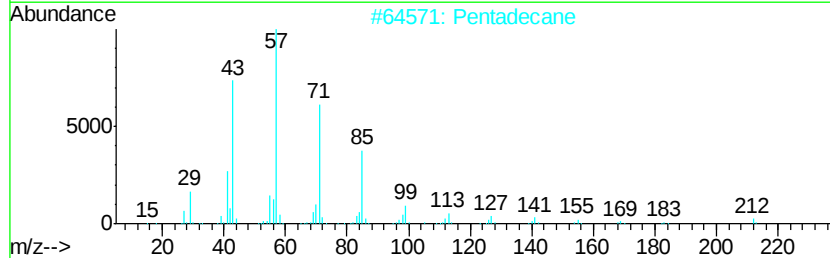
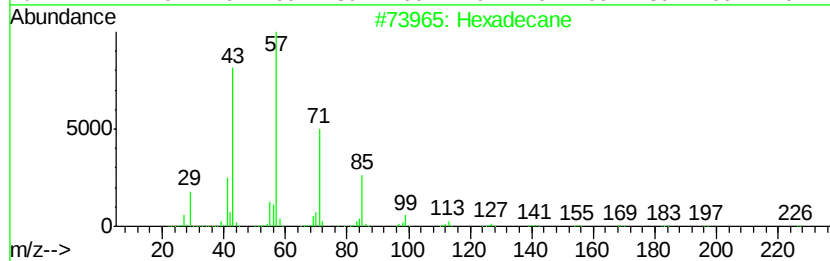
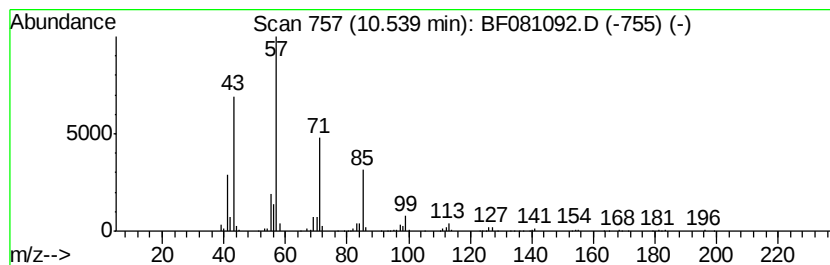
Instrument :
BNA_F
ClientSampleId :
LAR9832

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	18.07 ng	523983	Phenanthrene-d10	11.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Pentadecane	212 C15H32	000629-62-9	90
3	Dodecane, 3-methyl-	184 C13H28	017312-57-1	72
4	Tridecane	184 C13H28	000629-50-5	72
5	Tetradecane	198 C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081092.D
 Acq On : 19 Aug 2015 20:55
 Operator : UM/IZ
 Sample : G3324-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9832

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
unknown6.39	6.39	8.3	ng	3305040	1	6.61	7967600	20.0
Tetradecane	6.46	30.7	ng	12242000	1	6.61	7967600	20.0
Nonane, 3-methyl-	6.71	20.0	ng	7967600	1	6.61	7967600	20.0
Dodecane, 3-methyl-	8.18	20.0	ng	3990690	2	7.97	3990690	20.0
Undecane, 2,6-dim...	8.26	33.7	ng	6726550	2	7.97	3990690	20.0
Dodecane, 4-methyl-	8.31	11.1	ng	2206360	2	7.97	3990690	20.0
Undecane, 2,10-di...	8.33	15.2	ng	3040920	2	7.97	3990690	20.0
Dodecane, 2,7,10-...	8.38	18.4	ng	3671440	2	7.97	3990690	20.0
Hexadecane	8.53	24.4	ng	4863350	2	7.97	3990690	20.0
unknown8.61	8.61	7.4	ng	1475700	2	7.97	3990690	20.0
Cyclohexane, octyl-	8.81	27.2	ng	896591	3	9.62	659242	20.0
Decane	8.86	22.2	ng	731156	3	9.62	659242	20.0
Naphthalene, 2,6-...	9.21	7.8	ng	258672	3	9.62	659242	20.0
unknown9.36	9.36	15.5	ng	512087	3	9.62	659242	20.0
Decane, 3,8-dimet...	9.42	8.7	ng	287896	3	9.62	659242	20.0
Tridecane, 6-methyl-	9.81	9.4	ng	309831	3	9.62	659242	20.0
Dodecane, 2,6,10-...	10.07	15.9	ng	522872	3	9.62	659242	20.0
Tetratriacontane	10.29	7.8	ng	257000	3	9.62	659242	20.0
Pentadecane	10.54	18.1	ng	523983	4	11.09	579832	20.0