

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017289.D
 Acq On : 26 May 2015 22:08
 Operator : TP/IZ
 Sample : G2374-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9804

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % 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_G\METHODS\8270-BG051315.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	4.373	280	287	304	rVB	2007167	3085135	3.30%	0.602%
2	6.659	671	676	682	rVB	774483	1224098	1.31%	0.239%
3	6.894	710	716	726	rVB4	398117	939471	1.01%	0.183%
4	7.223	763	772	778	rVV6	529317	1563080	1.67%	0.305%
5	7.305	778	786	795	rVV2	4395550	8398237	8.99%	1.637%
6	7.510	811	821	826	rBV4	589131	1570342	1.68%	0.306%
7	7.599	826	836	840	rBV3	783116	2614588	2.80%	0.510%
8	7.663	840	847	855	rVB	3424839	7304282	7.82%	1.424%
9	7.751	855	862	868	rBV2	902890	2370612	2.54%	0.462%
10	7.916	877	890	893	rBV3	2049402	7248992	7.76%	1.413%
11	8.127	920	926	930	rBV2	896503	2004822	2.15%	0.391%
12	8.233	936	944	949	rBV	5208381	13471794	14.43%	2.627%
13	8.386	961	970	979	rBV2	5927126	17452773	18.69%	3.403%
14	8.492	979	988	998	rVV2	6014460	19876953	21.29%	3.876%
15	9.050	1064	1083	1087	rVB3	16743588	93381873	100.00%	18.207%
16	9.091	1087	1090	1091	rBV2	1724977	2047172	2.19%	0.399%
17	9.402	1136	1143	1147	rBV3	6620909	16024103	17.16%	3.124%
18	9.631	1175	1182	1185	rBV3	4645677	10809220	11.58%	2.108%
19	9.684	1185	1191	1194	rVV	7562668	13980941	14.97%	2.726%
20	9.837	1208	1217	1222	rVB6	9466213	27062625	28.98%	5.277%
21	9.908	1222	1229	1233	rVB2	9477656	20989598	22.48%	4.093%
22	9.996	1233	1244	1248	rBV	14062800	35981962	38.53%	7.016%
23	10.096	1252	1261	1264	rVB2	10022681	21601108	23.13%	4.212%
24	10.131	1264	1267	1268	rBV2	1329540	1581912	1.69%	0.308%
25	10.319	1295	1299	1307	rBV4	2114806	4745529	5.08%	0.925%
26	10.389	1307	1311	1314	rVV2	2244382	3901738	4.18%	0.761%
27	10.431	1314	1318	1323	rVV	3161306	6886844	7.37%	1.343%
28	10.566	1323	1341	1344	rVV3	18616448	90428945	96.84%	17.632%
29	10.595	1344	1346	1350	rVV4	1507630	2393382	2.56%	0.467%
30	10.648	1351	1355	1358	rVV3	3623817	6215713	6.66%	1.212%
31	10.701	1358	1364	1368	rVB	9626549	17501182	18.74%	3.412%
32	10.754	1368	1373	1379	rBV4	3466507	7584951	8.12%	1.479%
33	10.807	1379	1382	1390	rVB	2314809	3485879	3.73%	0.680%
34	10.895	1391	1397	1401	rVB5	1310237	2550301	2.73%	0.497%

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

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

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35	10.983	1408	1412	1415	rBV3	916945	1575474	1.69%	0.307%
36	11.153	1434	1441	1444	rBV3	740326	1642435	1.76%	0.320%
37	11.206	1444	1450	1456	rVV4	3450112	8905680	9.54%	1.736%
38	11.253	1456	1458	1465	rVV	2323492	3239464	3.47%	0.632%
39	11.329	1465	1471	1476	rVB	2385389	3714684	3.98%	0.724%
40	11.406	1477	1484	1491	rVB	2865909	4998282	5.35%	0.975%
41	11.512	1495	1502	1506	rBV	2673123	4333447	4.64%	0.845%
42	11.911	1562	1570	1579	rVB	3311800	5013130	5.37%	0.977%
43	13.151	1774	1781	1789	rVB2	795110	1175508	1.26%	0.229%

Sum of corrected areas: 512878261

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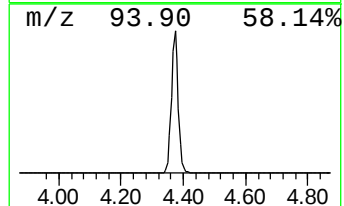
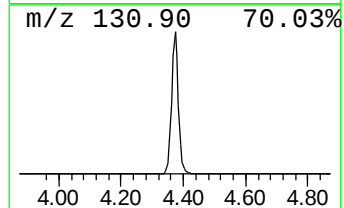
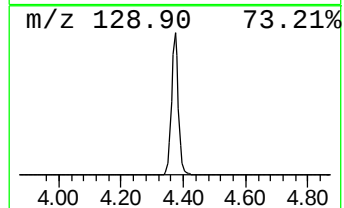
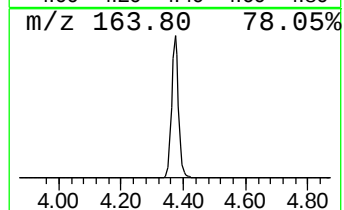
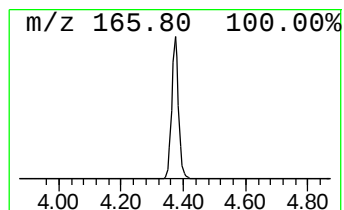
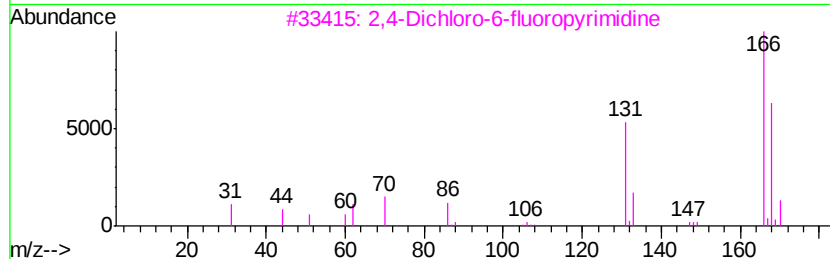
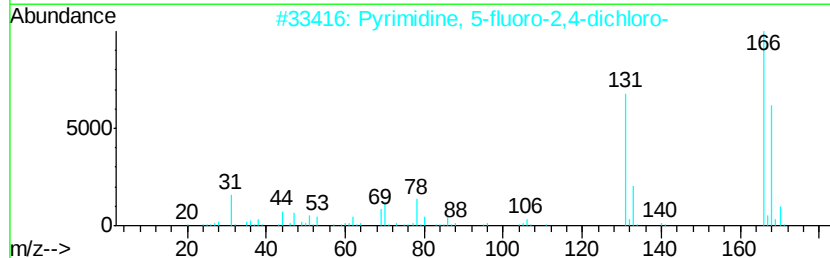
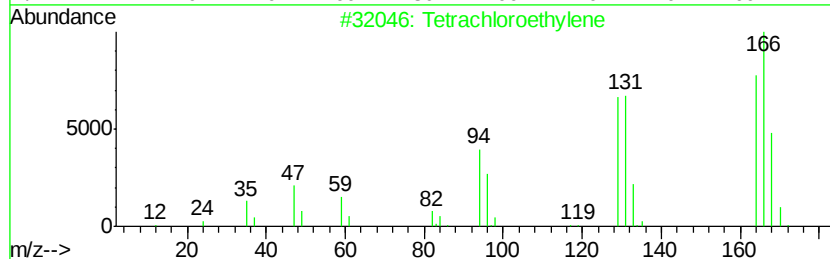
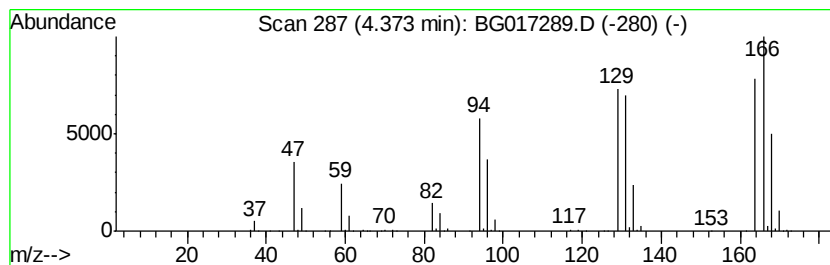
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetrachloroethylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	8.45 ng	3085140	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	35
3		2,4-Dichloro-6-fluoropyrimidine	166	C4HCl2FN2	003833-57-6	27
4		4-Chloro-1,5-naphthyridine	164	C8H5ClN2	007689-63-6	9
5		Quinazoline, 4-chloro-	164	C8H5ClN2	005190-68-1	9



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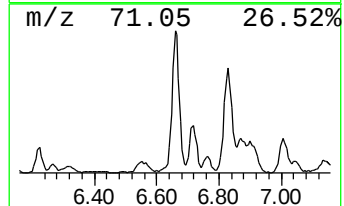
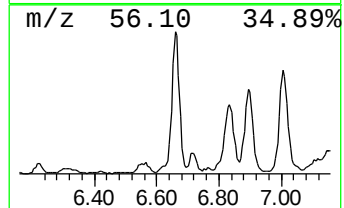
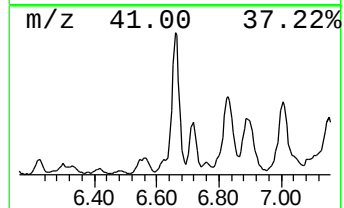
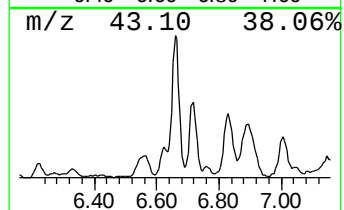
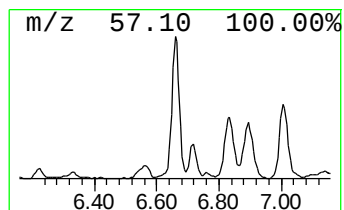
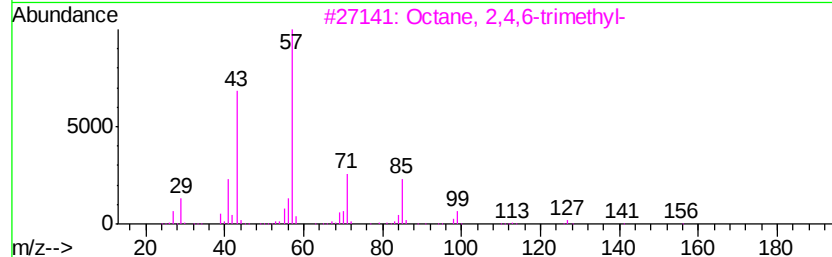
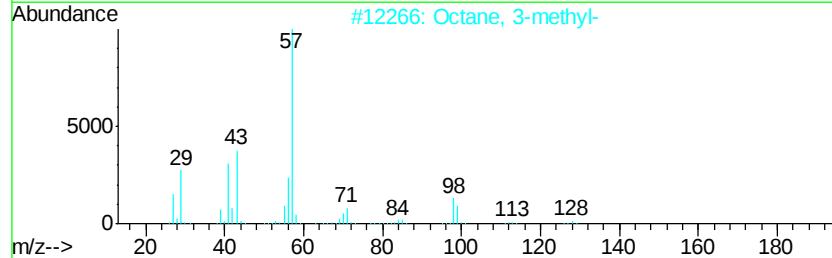
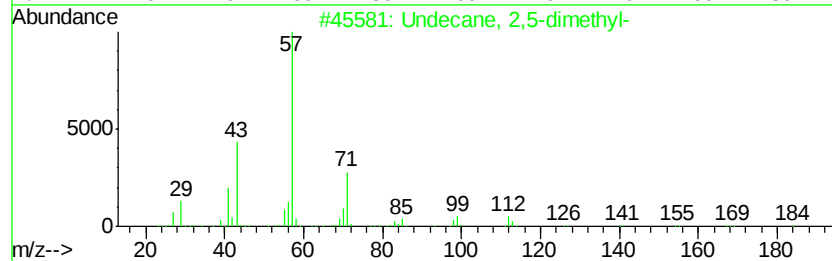
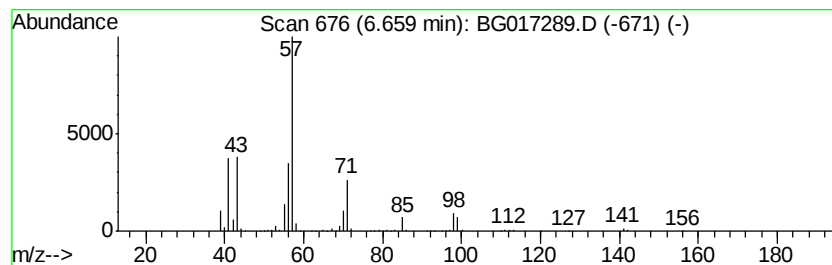
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	3.35 ng	1224100	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
2			Octane, 3-methyl-	128	C9H20	002216-33-3	59
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



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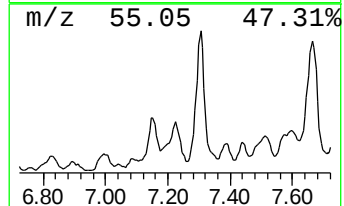
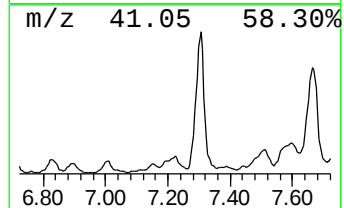
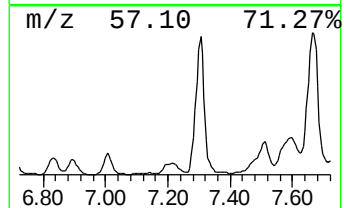
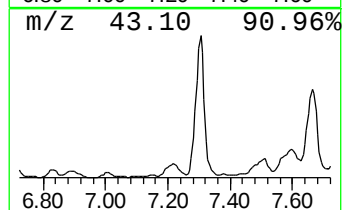
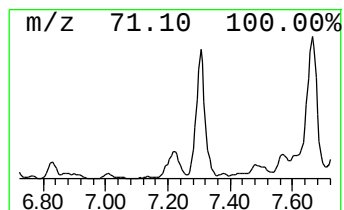
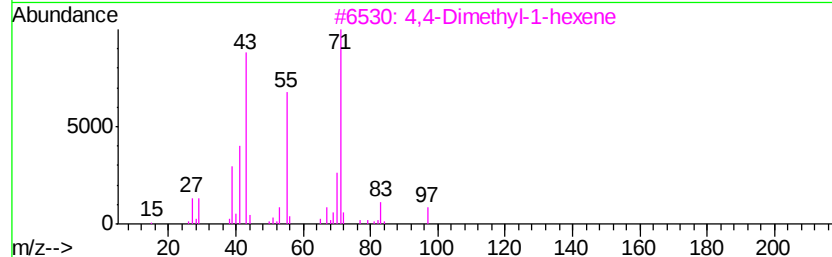
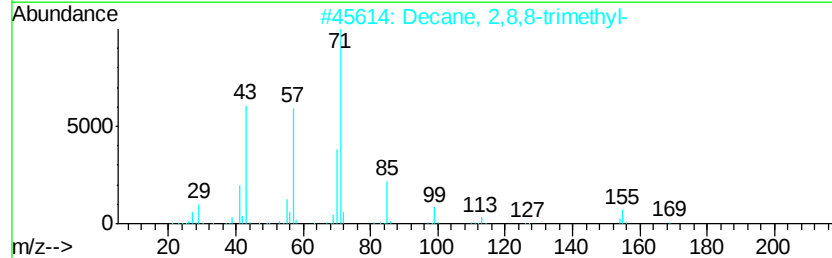
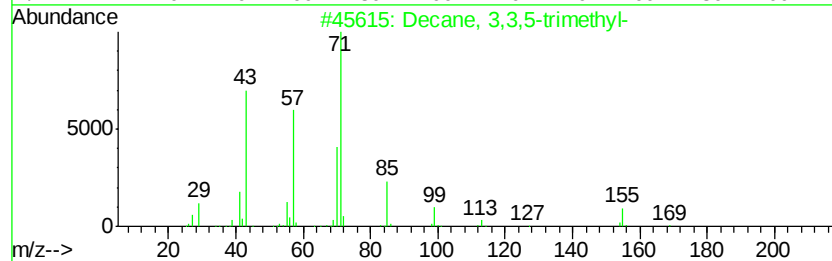
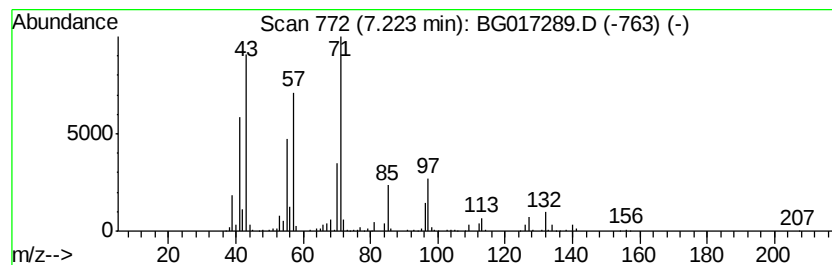
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 3,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	4.28 ng	1563080	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	50
2		Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	50
3		4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	47
4		1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	47
5		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43



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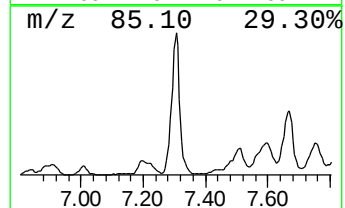
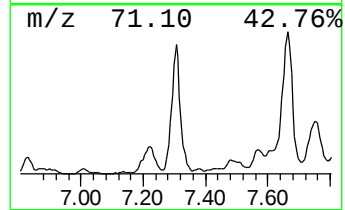
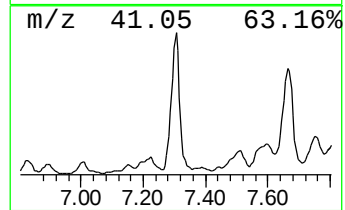
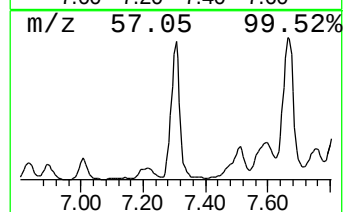
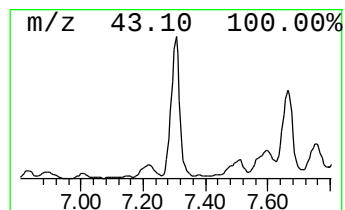
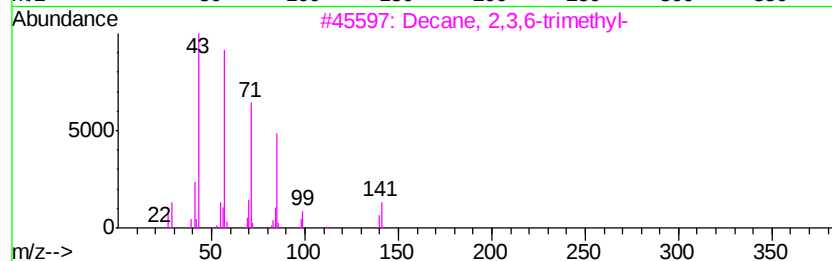
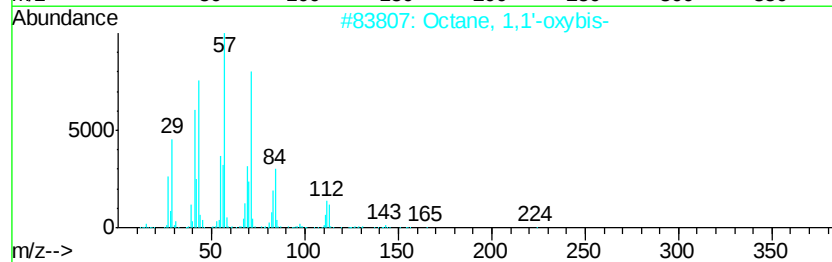
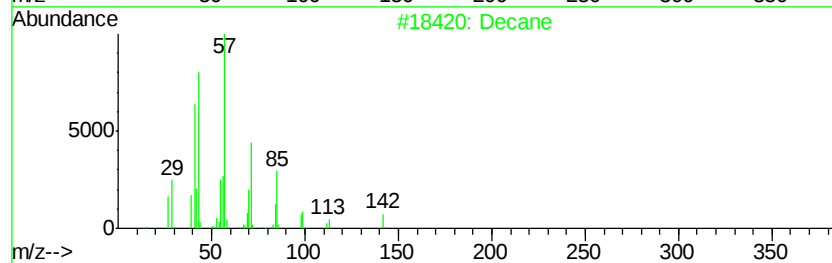
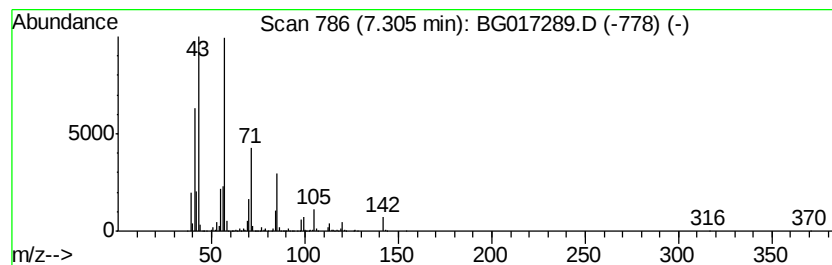
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	23.00 ng	8398240	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
3		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
5		Octane	114	C8H18	000111-65-9	50



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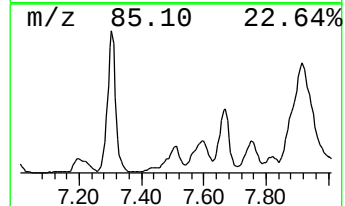
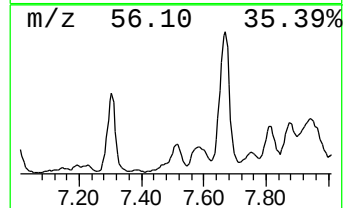
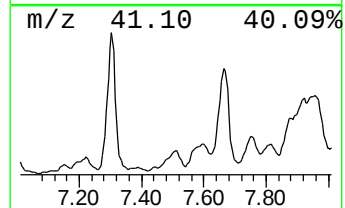
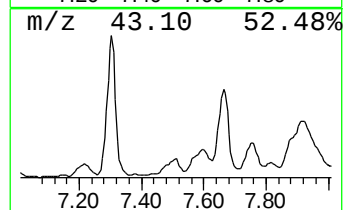
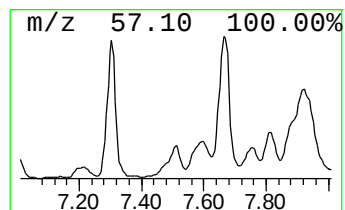
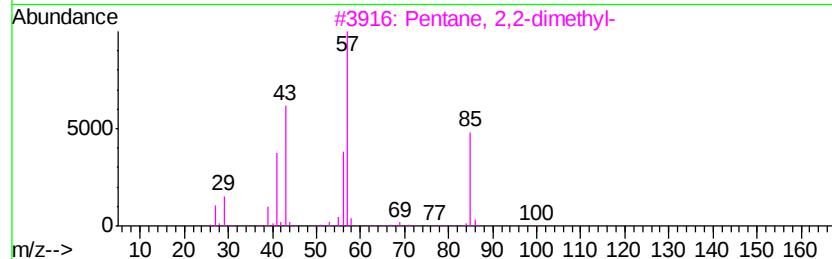
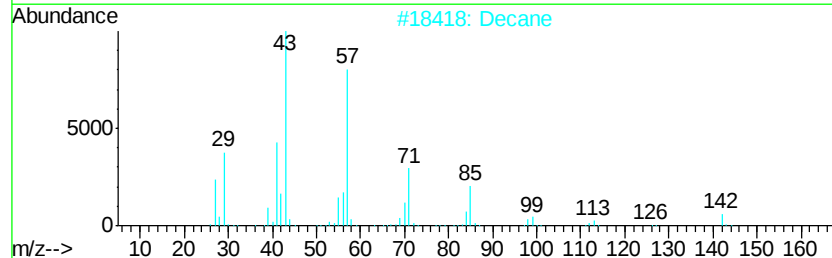
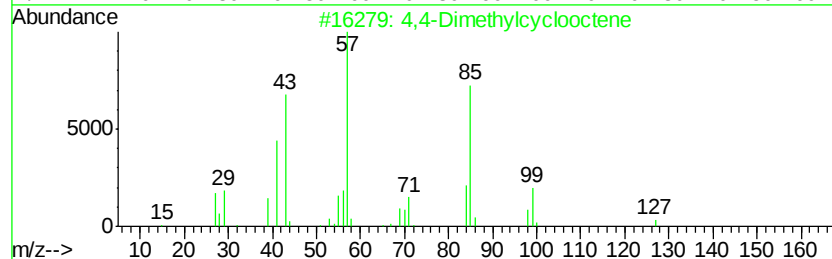
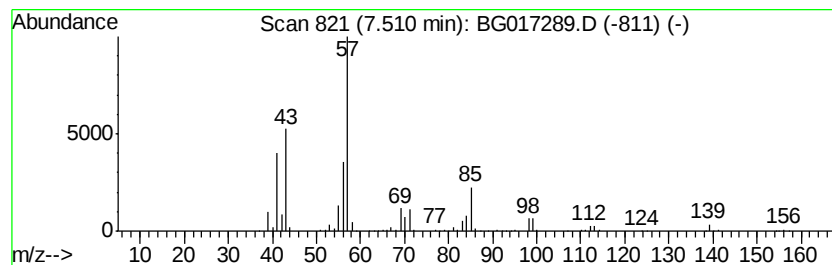
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4,4-Dimethylcyclooctene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	4.30 ng	1570340	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	53
2			Decane	142	C10H22	000124-18-5	47
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
4			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47



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Sample : G2374-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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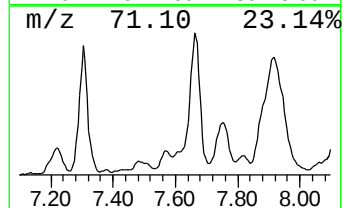
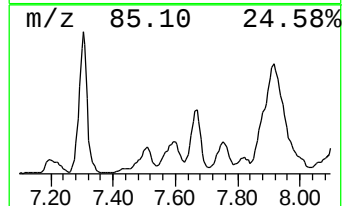
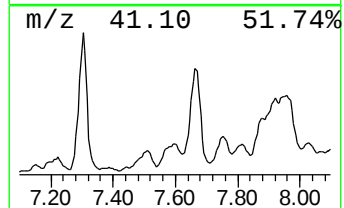
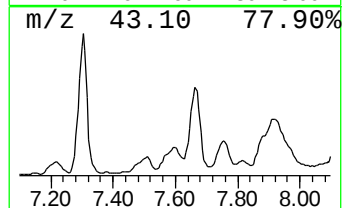
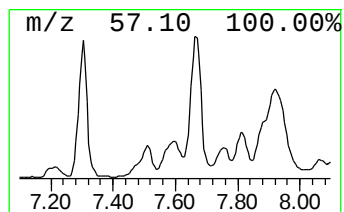
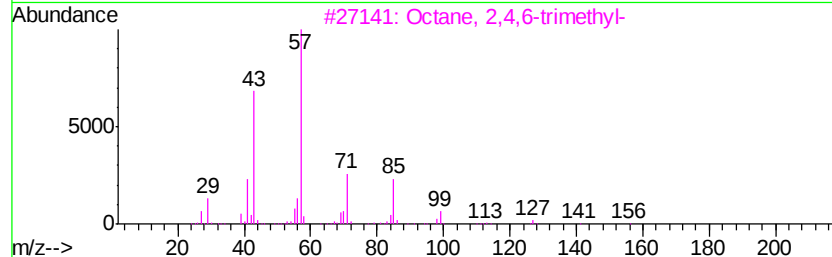
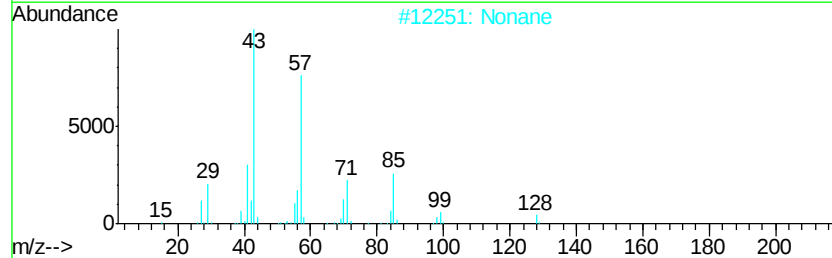
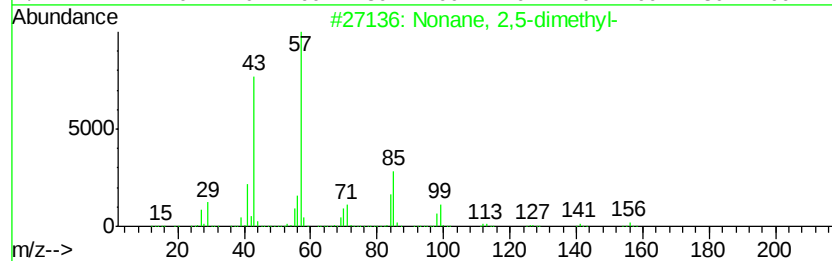
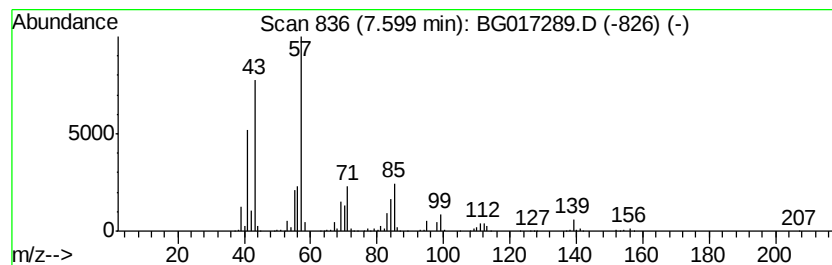
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	7.16 ng	2614590	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	64
2		Nonane	128	C9H20	000111-84-2	64
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
4		Decane, 5-methyl-	156	C11H24	013151-35-4	52
5		Octane	114	C8H18	000111-65-9	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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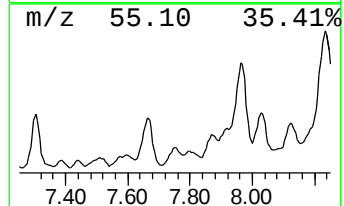
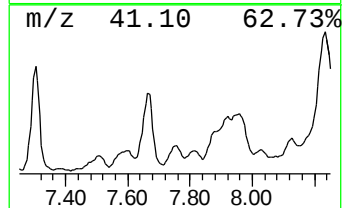
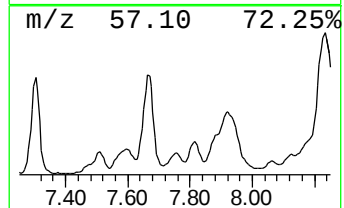
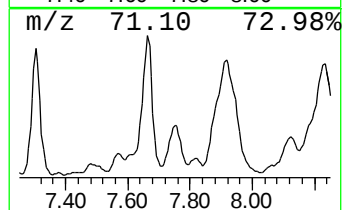
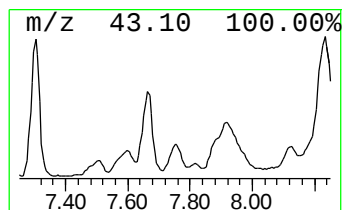
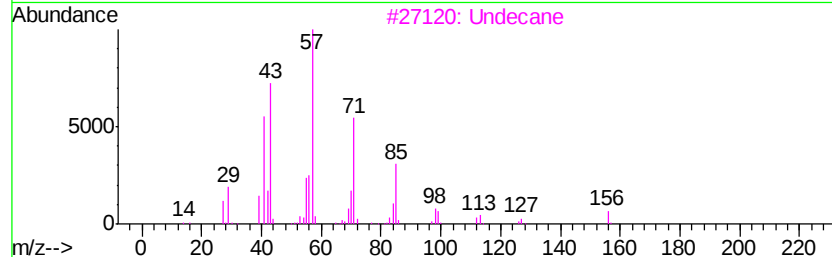
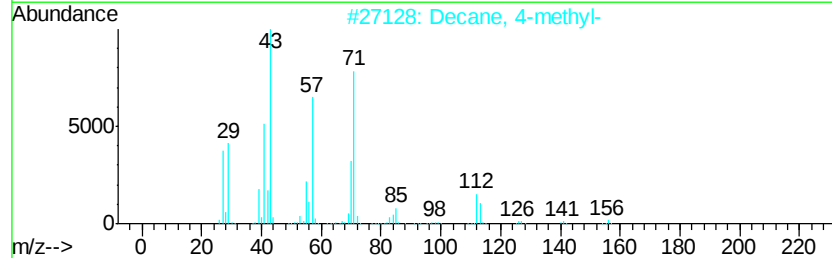
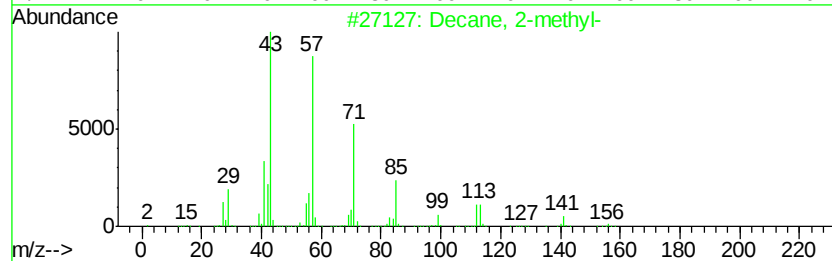
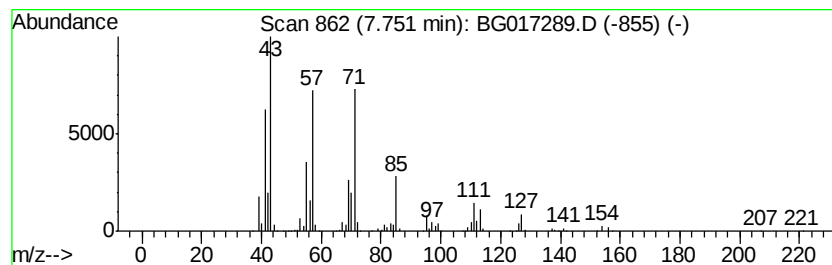
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	6.49 ng	2370610	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	62
2		Decane, 4-methyl-	156	C11H24	002847-72-5	53
3		Undecane	156	C11H24	001120-21-4	50
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	49
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-02
Misc :
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Instrument :
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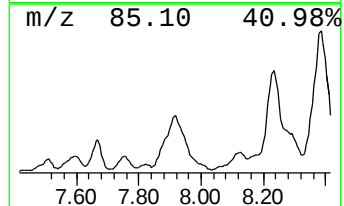
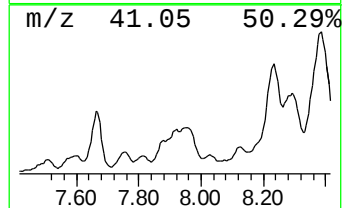
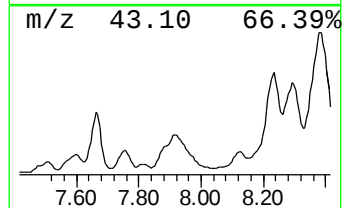
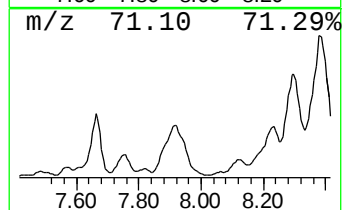
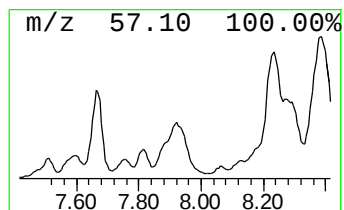
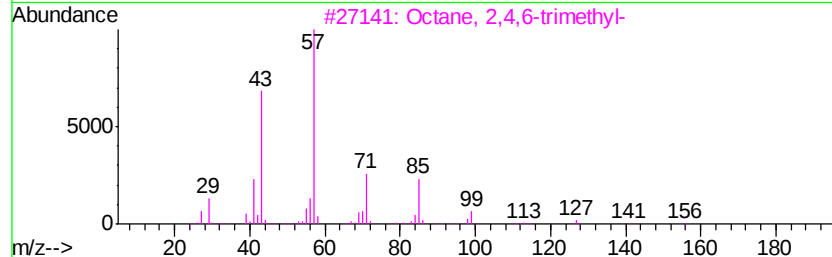
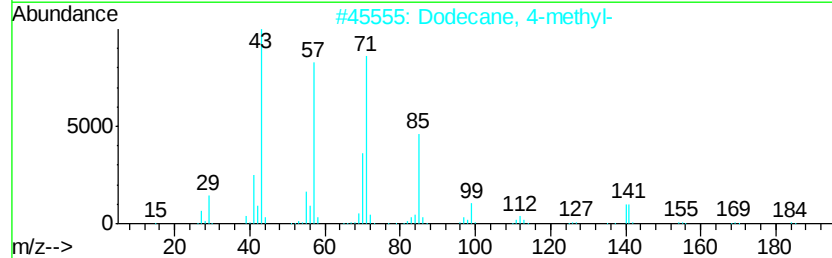
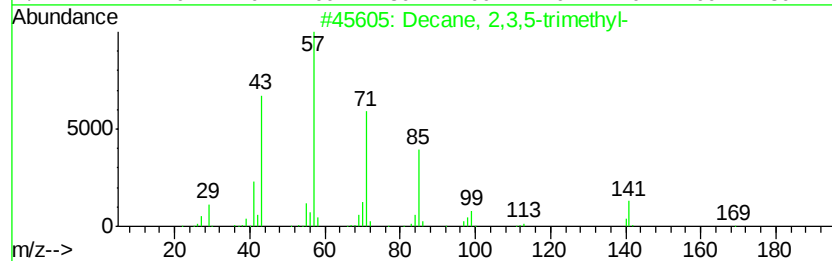
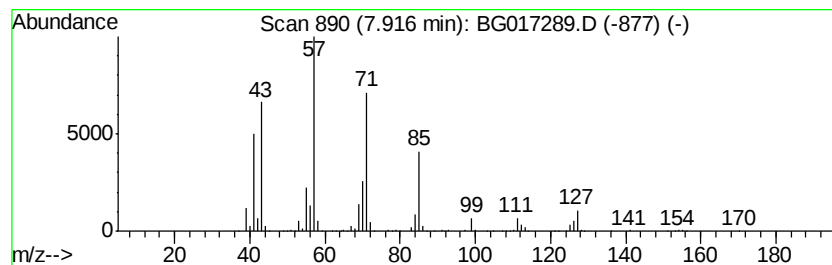
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	19.85 ng	7248990	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
4		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	59
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
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Sample : G2374-02
Misc :
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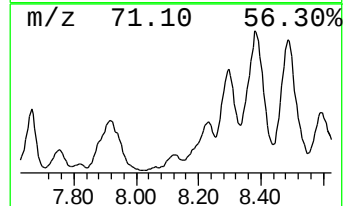
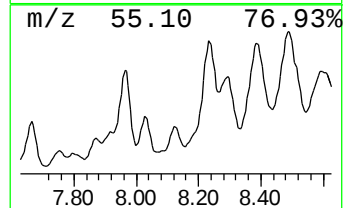
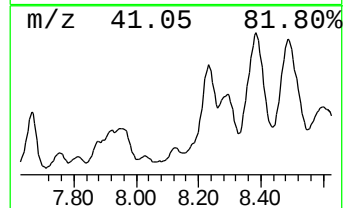
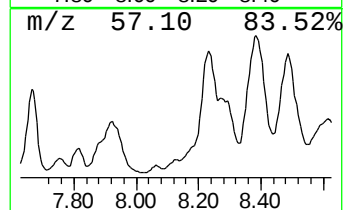
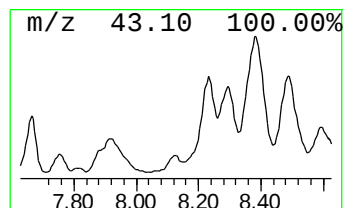
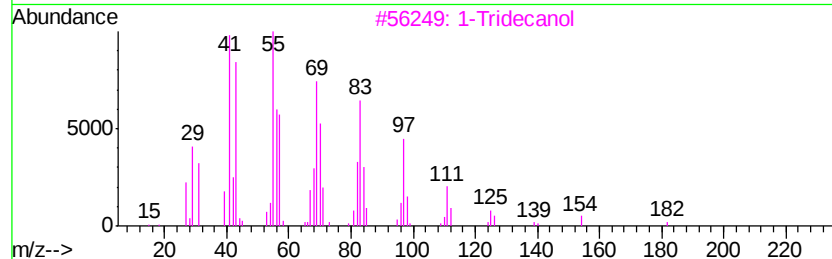
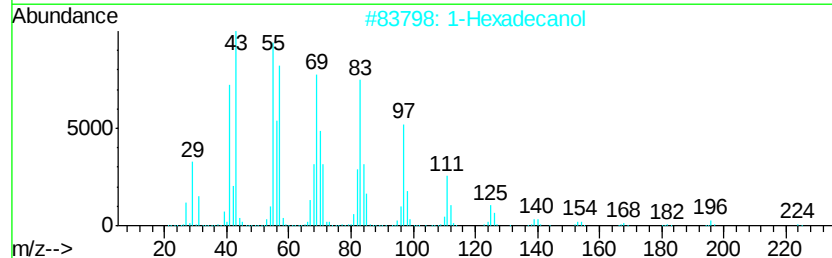
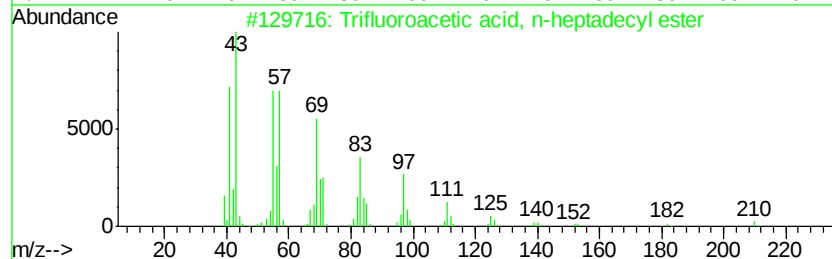
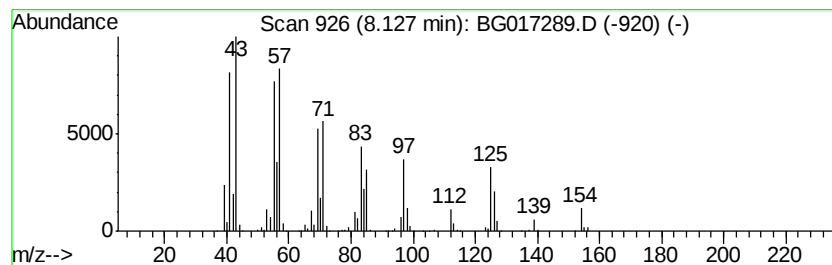
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trifluoroacetic acid, n-hep... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	5.49 ng	2004820	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	47
2			1-Hexadecanol	242	C16H34O	036653-82-4	47
3			1-Tridecanol	200	C13H28O	000112-70-9	46
4			Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	38
5			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
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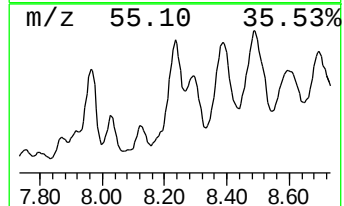
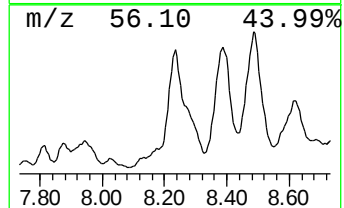
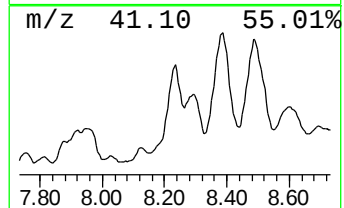
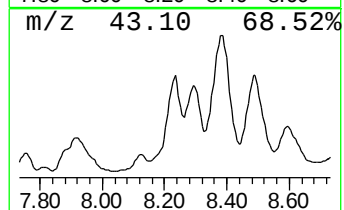
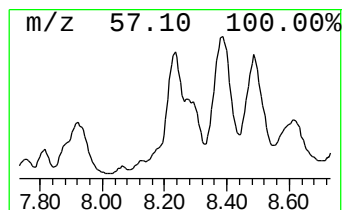
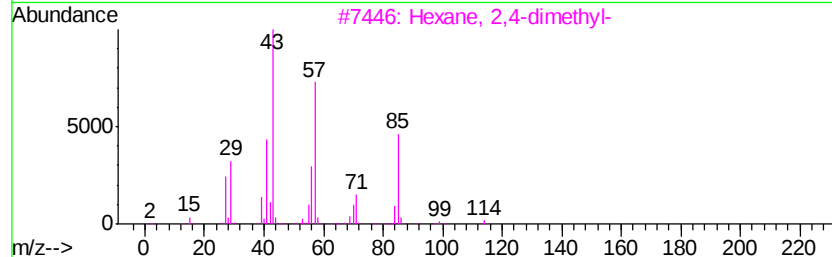
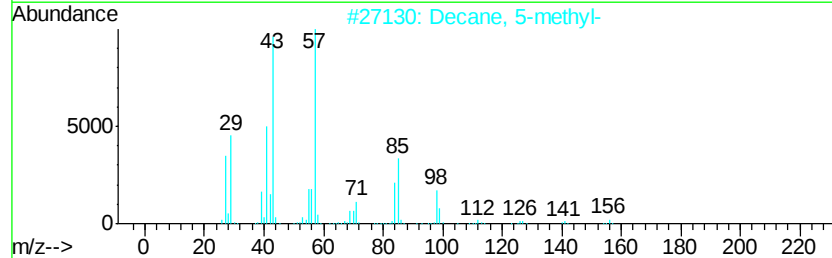
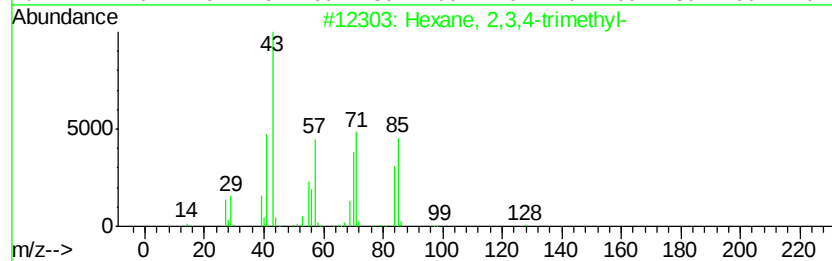
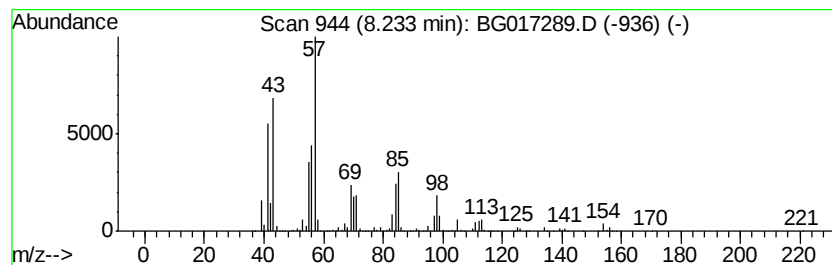
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	36.89 ng	13471800	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
2		Decane, 5-methyl-	156	C11H24	013151-35-4	58
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
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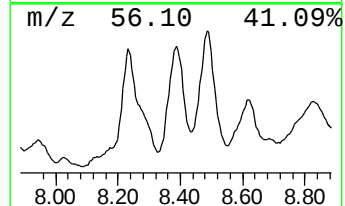
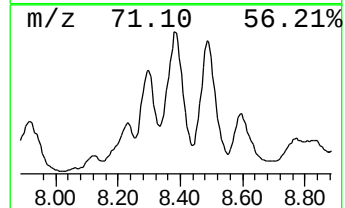
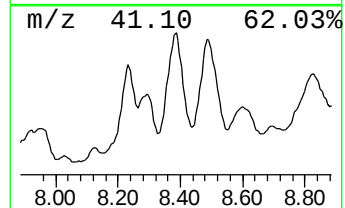
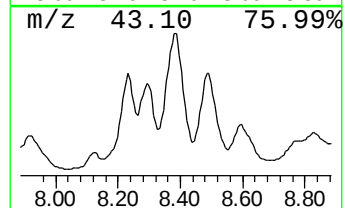
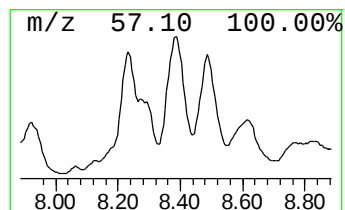
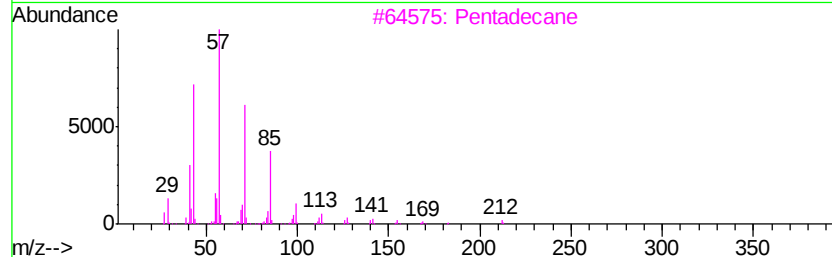
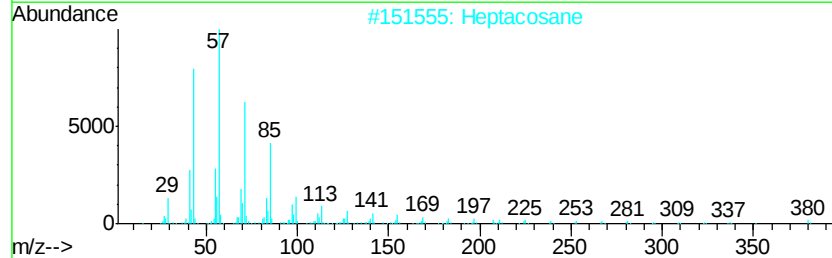
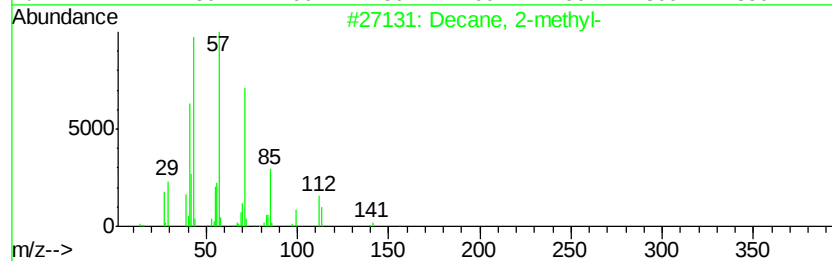
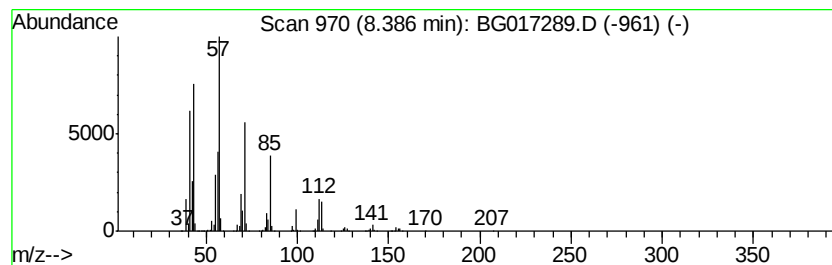
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	47.79 ng	17452800	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	92
2		Heptacosane	380	C27H56	000593-49-7	52
3		Pentadecane	212	C15H32	000629-62-9	50
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	50
5		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
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Sample : G2374-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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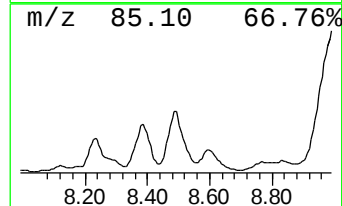
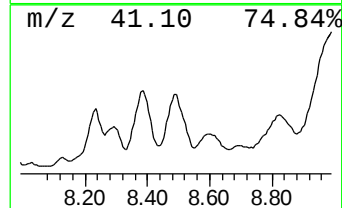
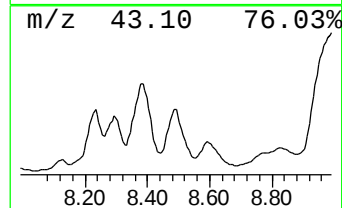
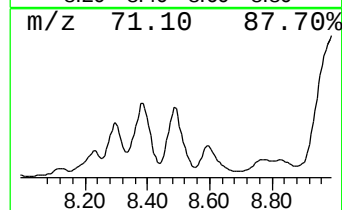
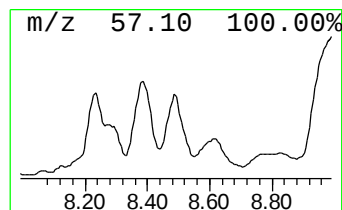
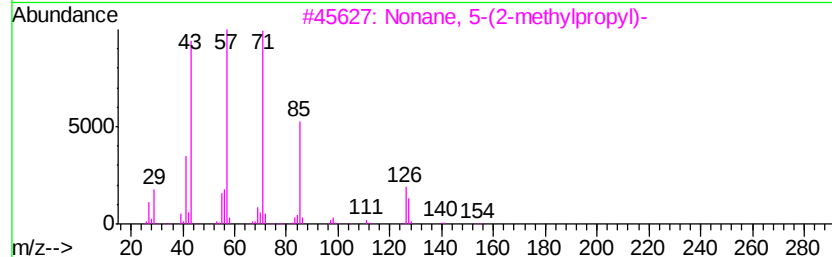
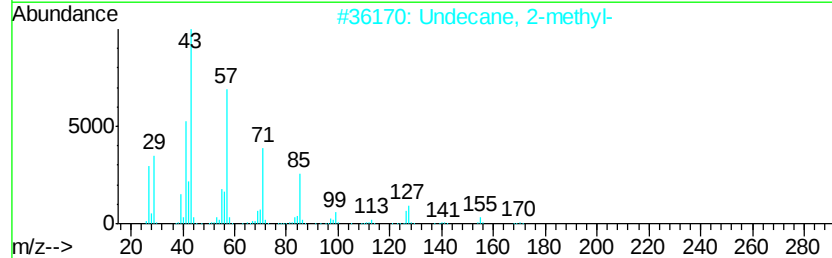
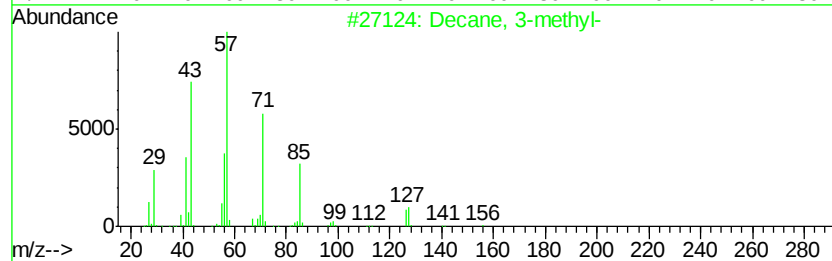
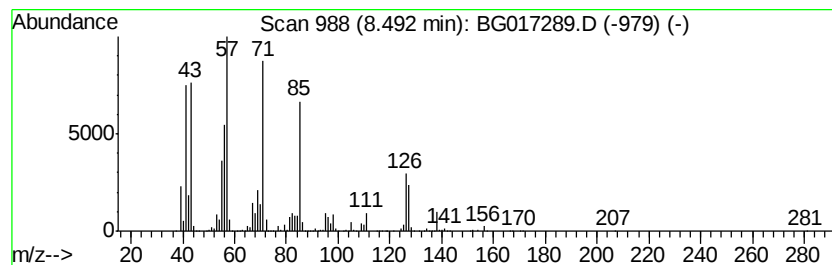
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	54.43 ng	19877000	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	81
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	47
5			Oxirane, 2-methyl-3-propyl-, trans-	100	C6H12O	006124-91-0	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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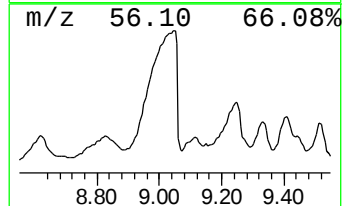
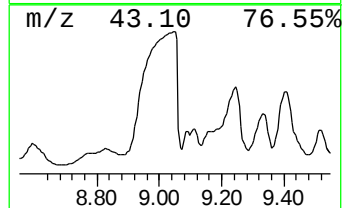
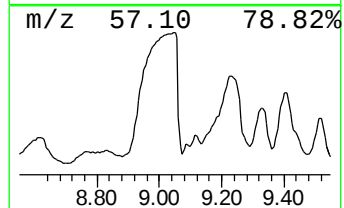
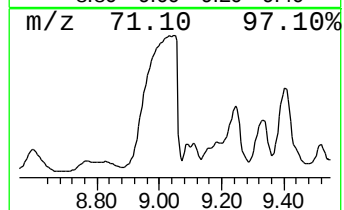
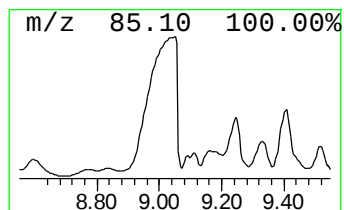
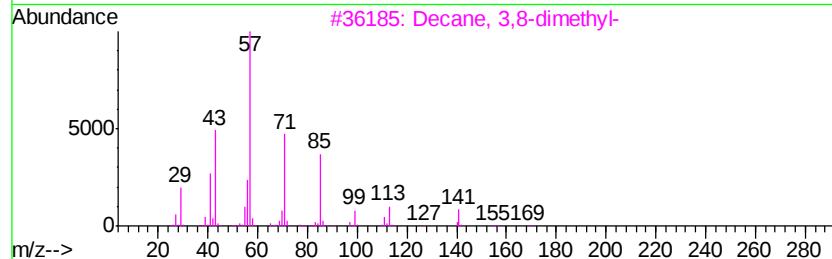
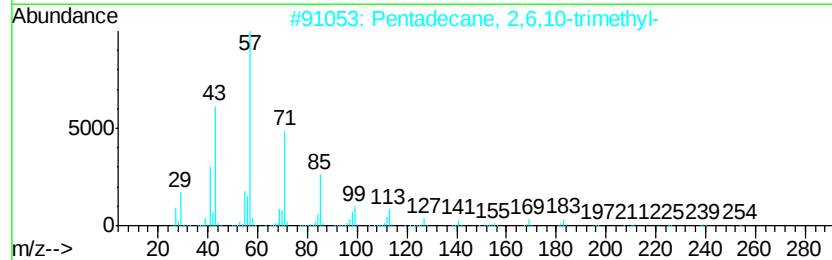
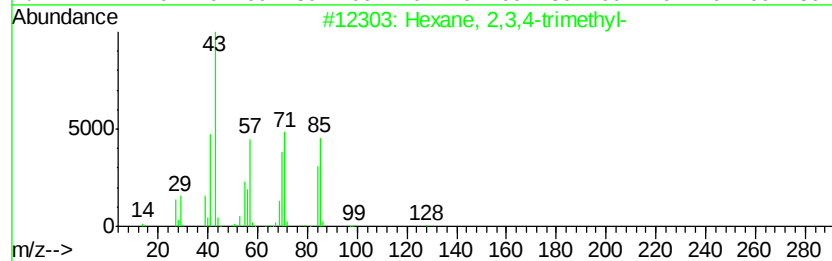
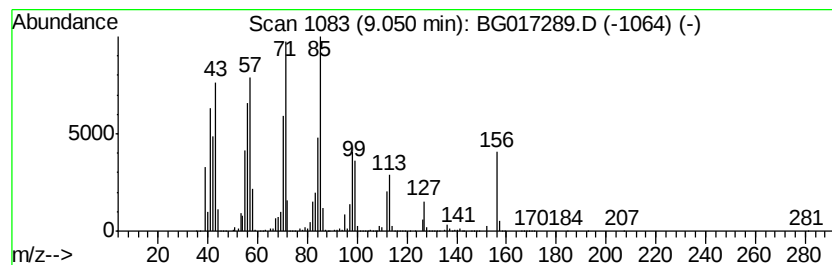
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexane, 2,3,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	255.69 ng	93381900	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	47
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
4		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	35
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-02
Misc :
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ClientSampleId :
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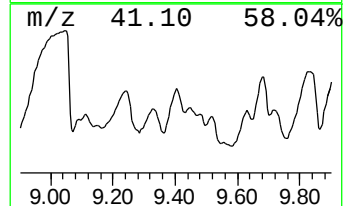
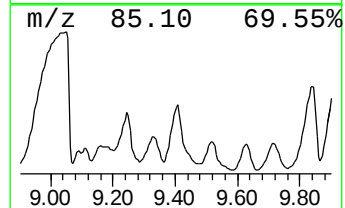
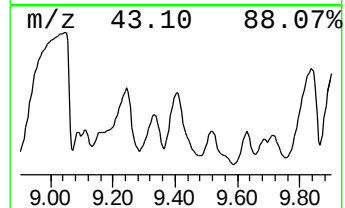
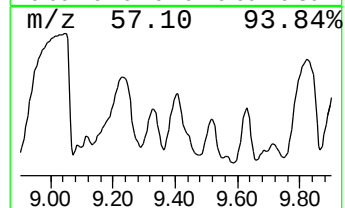
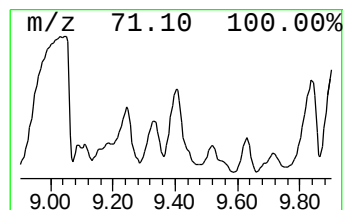
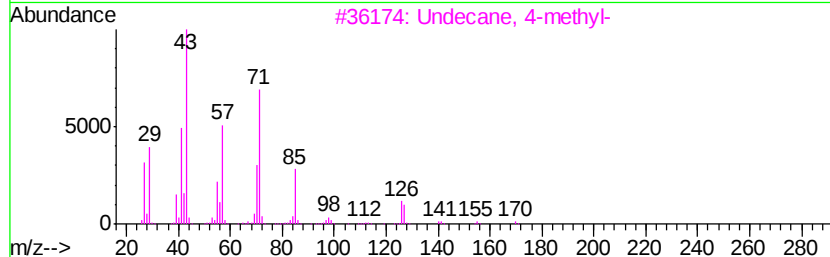
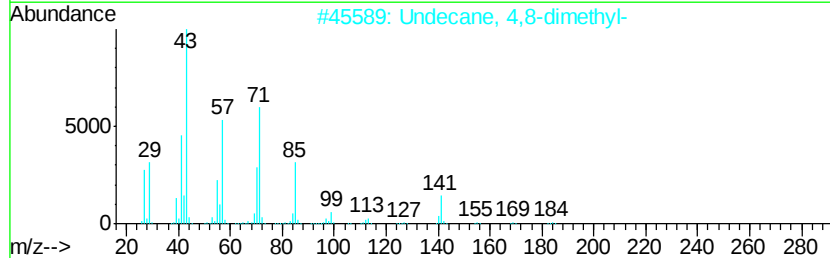
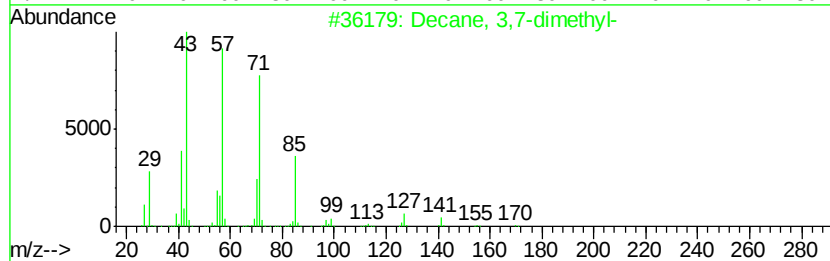
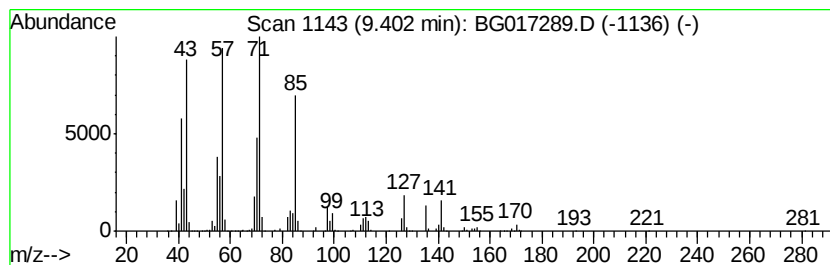
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 3,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.54 ng	16024100	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	76
2		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
3		Undecane, 4-methyl-	170	C12H26	002980-69-0	70
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58
5		Eicosane	282	C20H42	000112-95-8	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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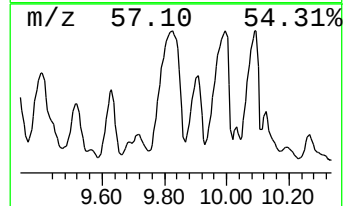
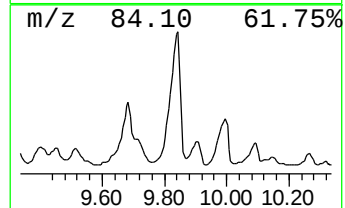
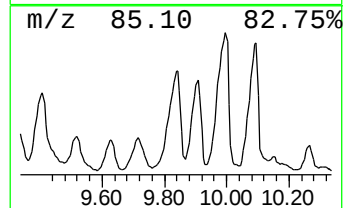
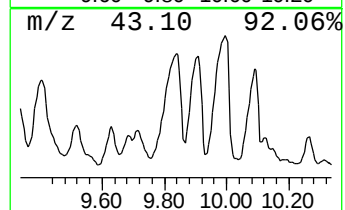
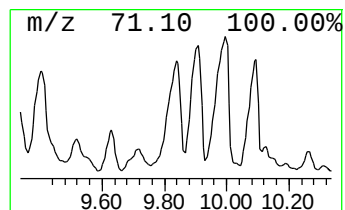
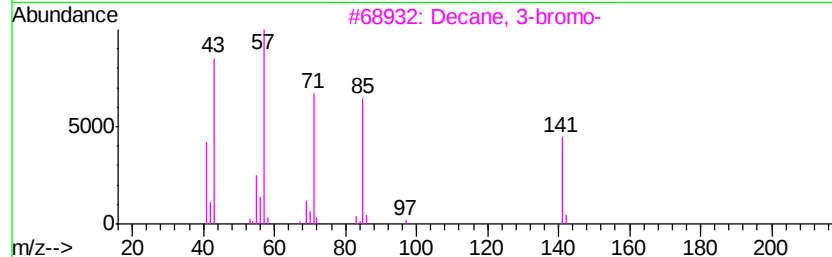
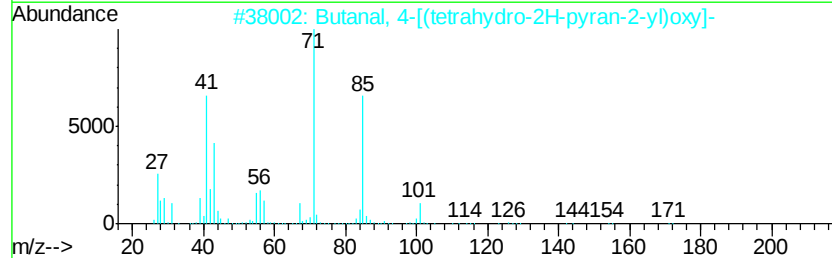
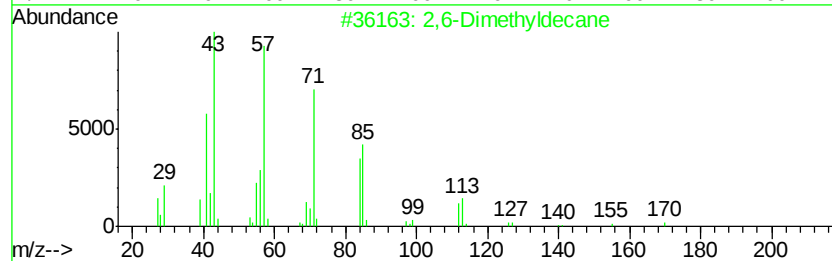
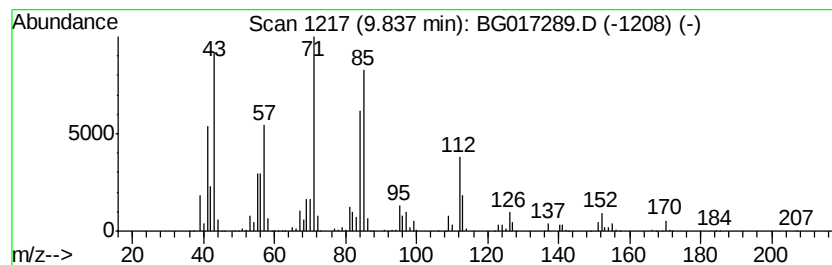
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,6-Dimethyldecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	5.99 ng	27062600	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Dimethyldecane	170	C12H26	013150-81-7	52
2		Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	47
3		Decane, 3-bromo-	220	C10H21Br	030571-71-2	47
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	45
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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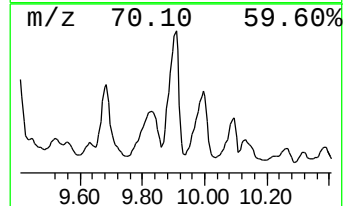
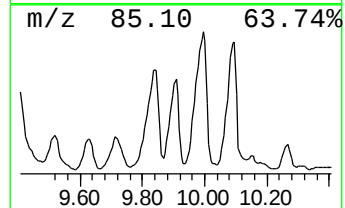
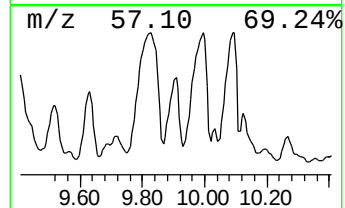
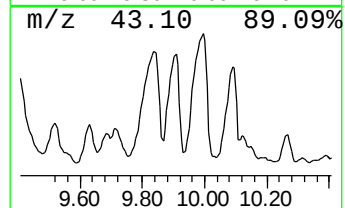
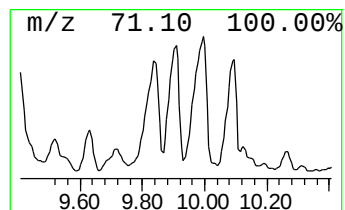
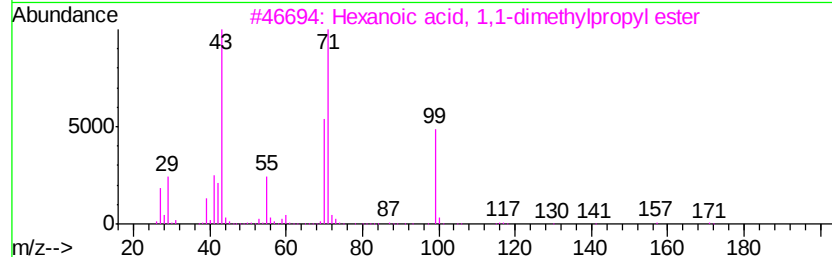
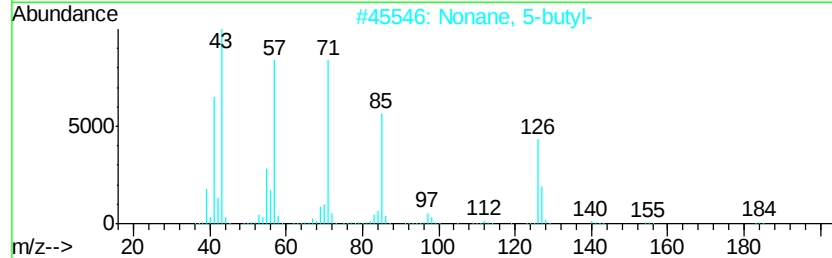
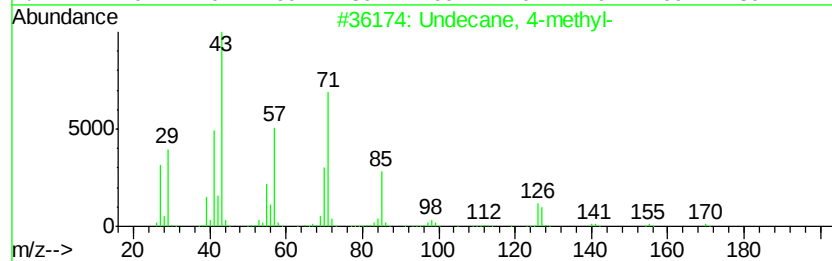
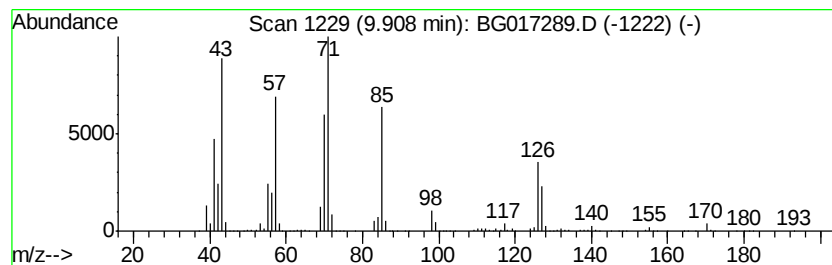
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	4.64 ng	20989600	Naphthalene-d8	10.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	90
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	64
3			Hexanoic acid, 1,1-dimethylpropyl...	186	C11H22O2	116423-69-9	43
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
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Sample : G2374-02
Misc :
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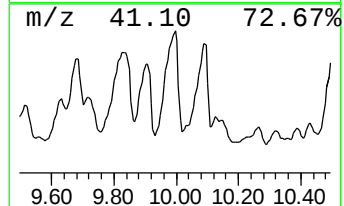
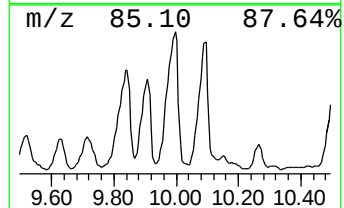
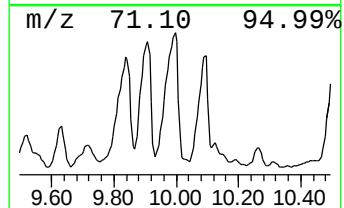
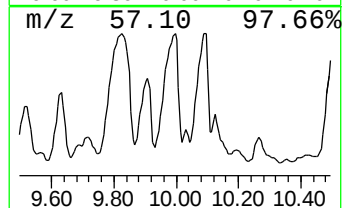
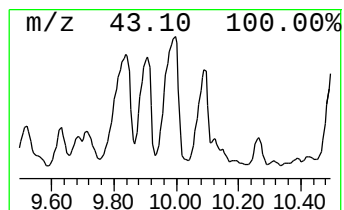
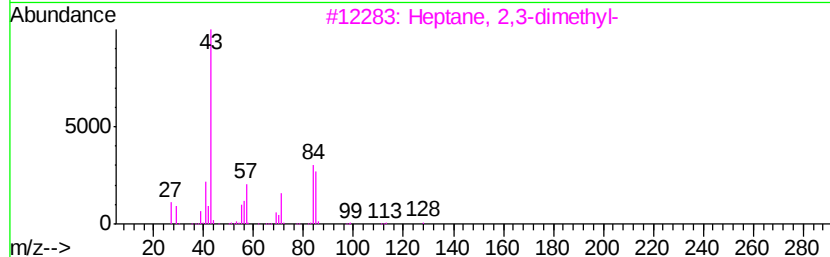
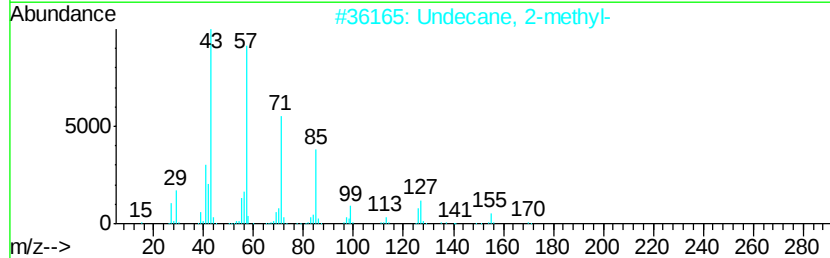
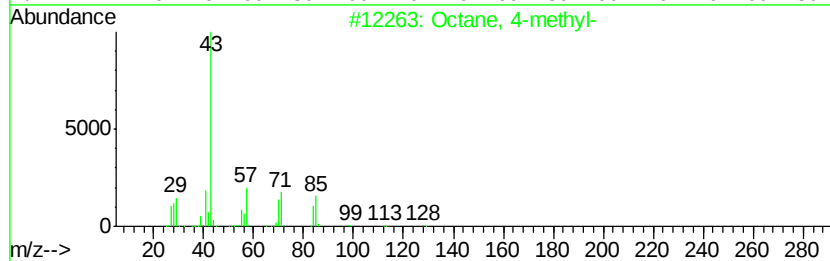
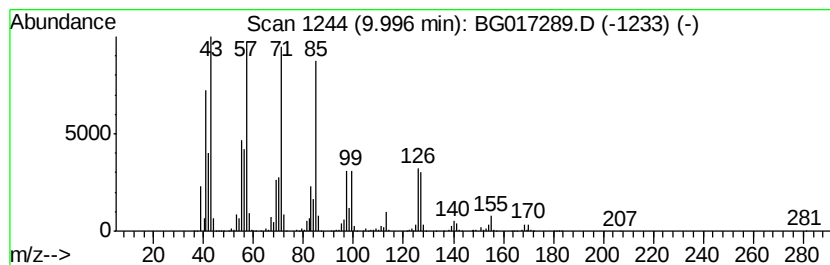
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.00	7.96 ng	35982000	Naphthalene-d8	10.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	58
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	46
5	Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
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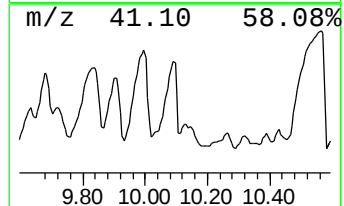
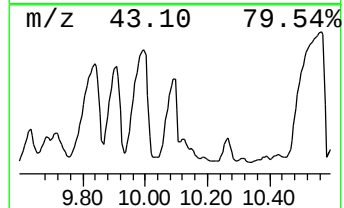
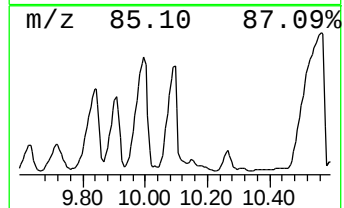
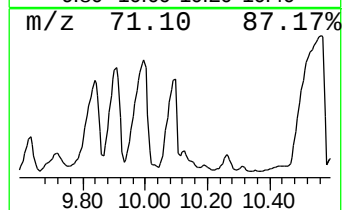
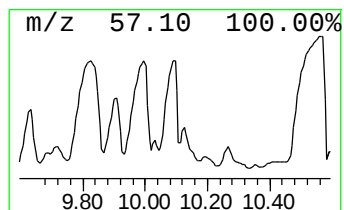
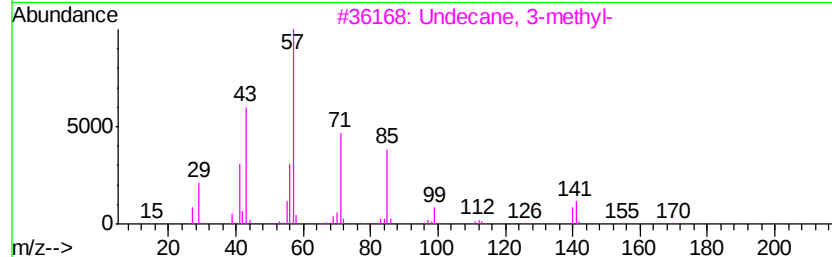
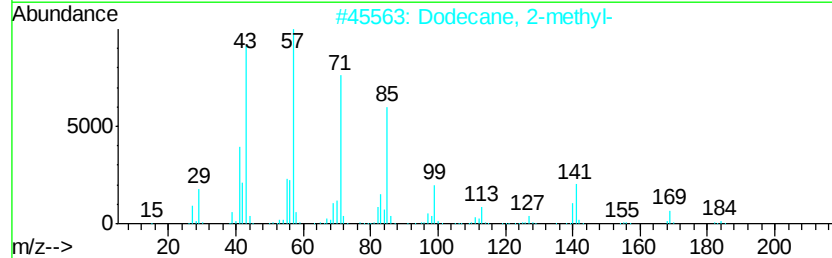
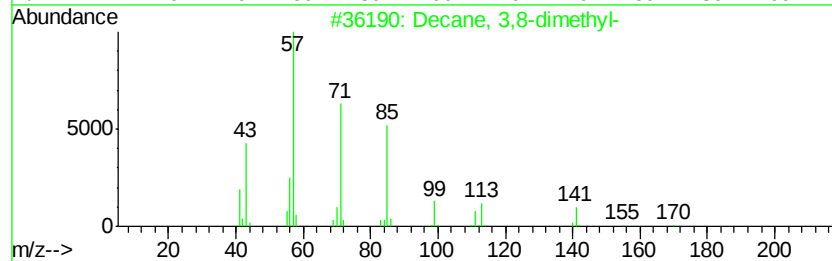
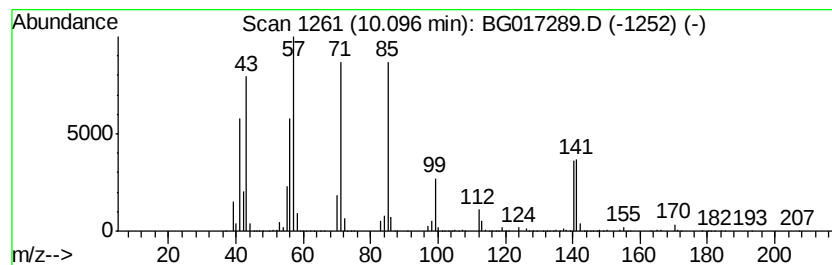
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 3,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.10	4.78 ng	21601100	Naphthalene-d8	10.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	53
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-02
Misc :
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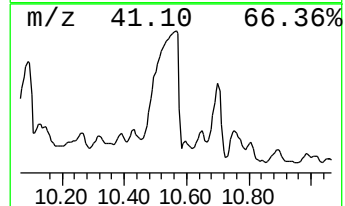
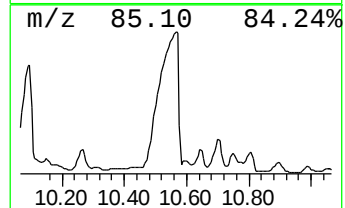
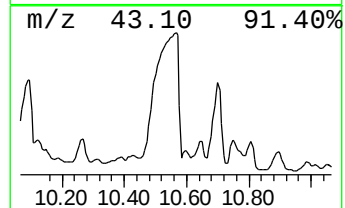
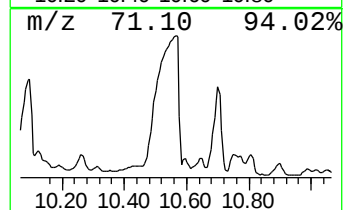
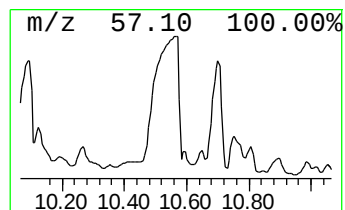
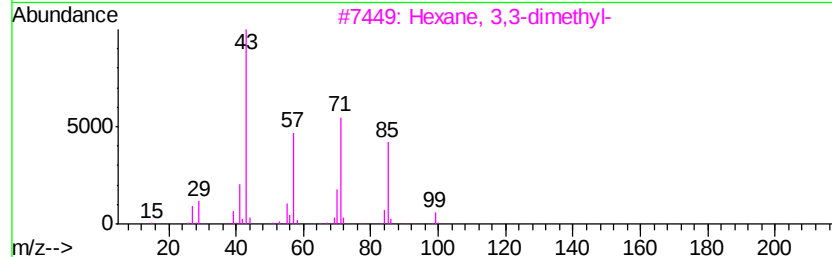
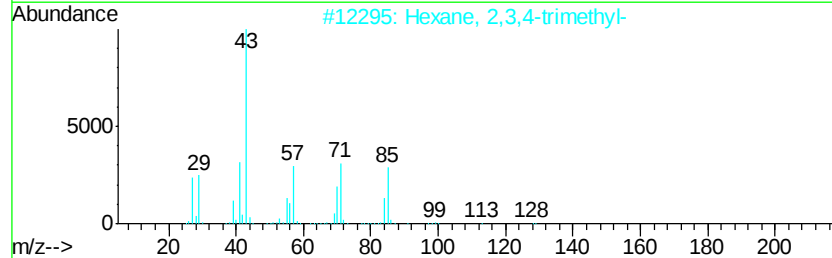
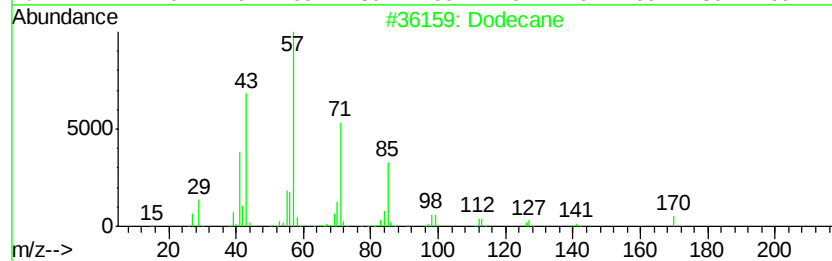
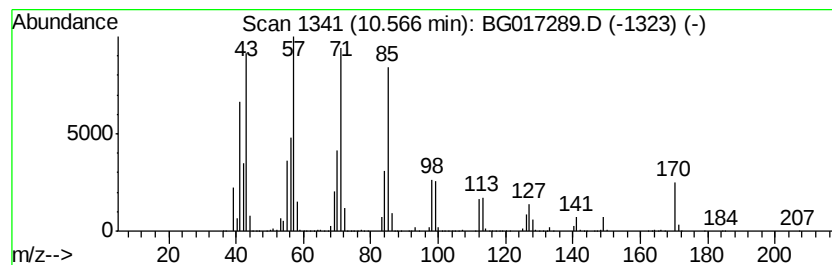
Instrument :
BNA_G
ClientSampleId :
LAR9804

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	20.00 ng	90428900	Napthalene-d8	10.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane		170 C12H26	000112-40-3 62
2	Hexane, 2,3,4-trimethyl-		128 C9H20	000921-47-1 50
3	Hexane, 3,3-dimethyl-		114 C8H18	000563-16-6 50
4	Octane		114 C8H18	000111-65-9 47
5	Hexane, 2,4-dimethyl-		114 C8H18	000589-43-5 35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017289.D
Acq On : 26 May 2015 22:08
Operator : TP/IZ
Sample : G2374-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAR9804

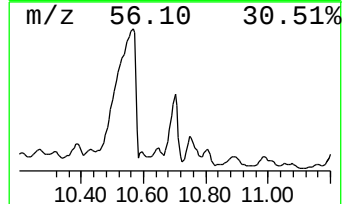
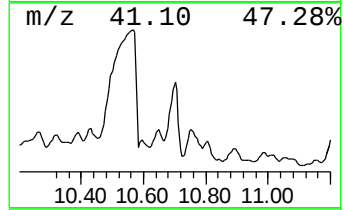
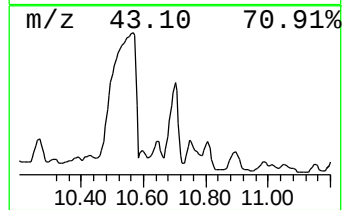
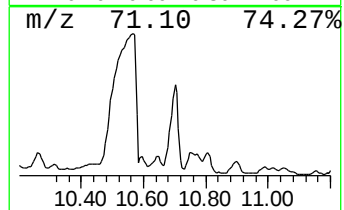
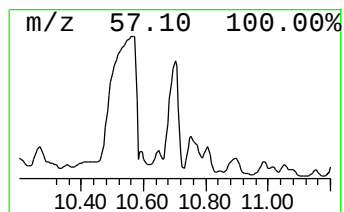
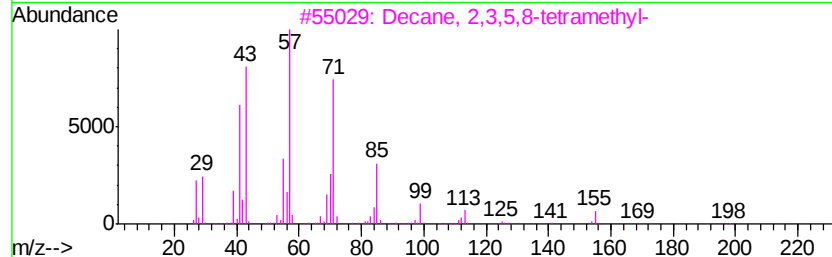
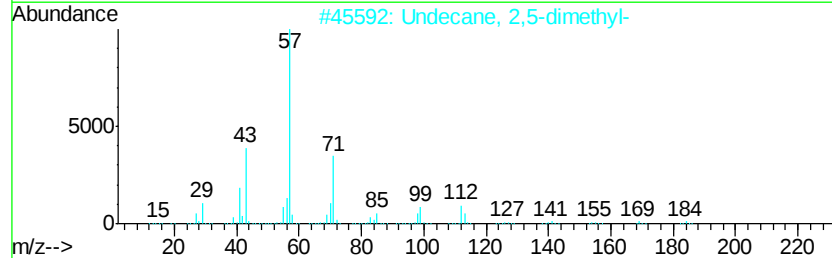
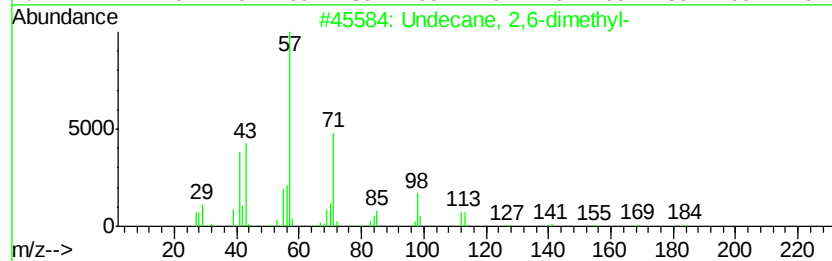
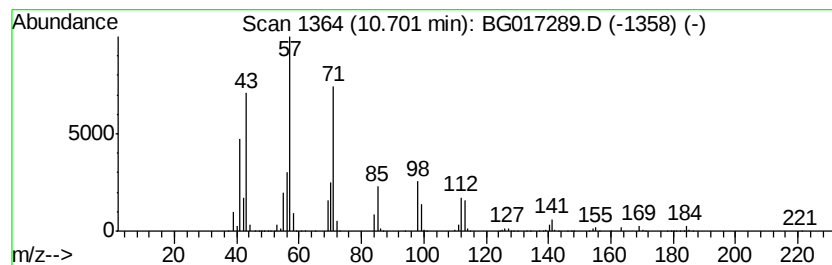
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.87 ng	17501200	Naphthalene-d8	10.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87		
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76		
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64		
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64		
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	60		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017289.D
 Acq On : 26 May 2015 22:08
 Operator : TP/IZ
 Sample : G2374-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9804

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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
Tetrachloroethylene	4.37	8.4	ng	3085140	1	7.67	7304280	20.0
Undecane, 2,5-dim...	6.66	3.4	ng	1224100	1	7.67	7304280	20.0
Decane, 3,3,5-tri...	7.22	4.3	ng	1563080	1	7.67	7304280	20.0
Decane	7.30	23.0	ng	8398240	1	7.67	7304280	20.0
4,4-Dimethylcyclo...	7.51	4.3	ng	1570340	1	7.67	7304280	20.0
Nonane, 2,5-dimet...	7.60	7.2	ng	2614590	1	7.67	7304280	20.0
Decane, 2-methyl-	7.75	6.5	ng	2370610	1	7.67	7304280	20.0
Decane, 2,3,5-tri...	7.92	19.8	ng	7248990	1	7.67	7304280	20.0
Trifluoroacetic a...	8.13	5.5	ng	2004820	1	7.67	7304280	20.0
Hexane, 2,3,4-tri...	8.23	36.9	ng	13471800	1	7.67	7304280	20.0
Decane, 2-methyl-	8.39	47.8	ng	17452800	1	7.67	7304280	20.0
Decane, 3-methyl-	8.49	54.4	ng	19877000	1	7.67	7304280	20.0
Hexane, 2,3,4-tri...	9.05	255.7	ng	93381900	1	7.67	7304280	20.0
Decane, 3,7-dimet...	9.40	3.5	ng	16024100	2	10.51	90428900	20.0
2,6-Dimethyldecane	9.84	6.0	ng	27062600	2	10.51	90428900	20.0
Undecane, 4-methyl-	9.91	4.6	ng	20989600	2	10.51	90428900	20.0
Octane, 4-methyl-	10.00	8.0	ng	35982000	2	10.51	90428900	20.0
Decane, 3,8-dimet...	10.10	4.8	ng	21601100	2	10.51	90428900	20.0
Dodecane	10.57	20.0	ng	90428900	2	10.51	90428900	20.0
Undecane, 2,6-dim...	10.70	3.9	ng	17501200	2	10.51	90428900	20.0