

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083030.D
 Acq On : 19 Nov 2015 1:50
 Operator : UM/IZ
 Sample : G4426-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.847	149	154	157	rBV	336062	609729	1.04%	0.164%
2	4.716	225	230	232	rBV	847690	1166966	2.00%	0.313%
3	4.807	236	238	241	rVB	1517168	1923385	3.29%	0.516%
4	4.876	241	244	247	rBV	2970791	4107864	7.02%	1.102%
5	5.093	261	263	265	rBV	1461046	2196046	3.76%	0.589%
6	5.161	265	269	270	rVB2	523104	920721	1.57%	0.247%
7	5.196	270	272	273	rBV	964005	893902	1.53%	0.240%
8	5.276	277	279	280	rBV	557076	667036	1.14%	0.179%
9	5.299	280	281	283	rVV	967228	1105298	1.89%	0.297%
10	5.333	283	284	287	rVB	2725295	2502449	4.28%	0.672%
11	5.390	287	289	292	rVB3	616695	835942	1.43%	0.224%
12	5.481	295	297	299	rBV	1552962	2270003	3.88%	0.609%
13	5.527	299	301	302	rVB	1529748	1695260	2.90%	0.455%
14	5.561	302	304	309	rVB2	1240526	2345090	4.01%	0.629%
15	5.641	309	311	315	rBV	556008	639161	1.09%	0.172%
16	5.744	315	320	322	rBV3	1821088	3598585	6.15%	0.966%
17	5.801	322	325	329	rBV4	817076	2515046	4.30%	0.675%
18	5.881	329	332	335	rBV2	3104222	4872296	8.33%	1.307%
19	5.950	335	338	339	rBV	1063090	1703617	2.91%	0.457%
20	5.996	339	342	345	rBV3	5559250	10552860	18.05%	2.832%
21	6.053	345	347	348	rBV	2085674	2499694	4.27%	0.671%
22	6.190	355	359	361	rBV2	3618169	6555572	11.21%	1.759%
23	6.270	362	366	371	rVB5	3916666	12503931	21.38%	3.355%
24	6.350	371	373	375	rBV2	2049506	3565349	6.10%	0.957%
25	6.396	375	377	380	rVB2	4058242	5510195	9.42%	1.479%
26	6.442	380	381	383	rVB	1197625	1291043	2.21%	0.346%
27	6.510	383	387	393	rBV4	4809398	14287352	24.43%	3.834%
28	6.602	393	395	401	rBV4	1218033	2365497	4.05%	0.635%
29	6.704	401	404	405	rBV2	2129085	4301193	7.36%	1.154%
30	6.750	405	408	409	rBV2	824614	1272127	2.18%	0.341%
31	6.784	409	411	413	rBV	4424434	5714285	9.77%	1.533%
32	6.910	418	422	429	rVV6	4910735	14095319	24.10%	3.782%
33	7.047	429	434	435	rBV3	2834171	6896595	11.79%	1.851%
34	7.082	435	437	441	rVB	2400068	4437178	7.59%	1.191%

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.150	441	443	452	rVB6	3216452	8065231	13.79%	2.164%
36	7.299	453	456	459	rBV3	5382758	16720076	28.59%	4.487%
37	7.413	463	466	468	rVB3	1316968	2566850	4.39%	0.689%
38	7.527	474	476	478	rBV3	1529160	3059537	5.23%	0.821%
39	7.573	478	480	486	rVB6	3240917	10366189	17.73%	2.782%
40	7.722	486	493	497	rBV5	4502166	24538501	41.96%	6.585%
41	7.790	497	499	500	rBV2	1756160	2830635	4.84%	0.760%
42	8.099	519	526	539	rBV6	6696147	58478944	100.00%	15.693%
43	11.253	799	802	805	rVB2	6858154	13793654	23.59%	3.701%
44	11.368	809	812	817	rVB2	3310422	8241577	14.09%	2.212%
45	11.665	836	838	843	rVB3	3732109	8403437	14.37%	2.255%
46	11.836	851	853	855	rBV2	2431988	5229104	8.94%	1.403%
47	11.951	861	863	869	rVB2	5022155	12364590	21.14%	3.318%
48	12.065	871	873	874	rVB	2417555	2298253	3.93%	0.617%
49	12.305	892	894	898	rVB2	4765499	9627846	16.46%	2.584%
50	12.385	898	901	907	rVV3	4778660	16661100	28.49%	4.471%
51	12.499	909	911	913	rVB2	2165437	2800627	4.79%	0.752%
52	12.682	925	927	931	rVB2	2454935	4985470	8.53%	1.338%
53	12.739	931	932	933	rVV	1859144	2251046	3.85%	0.604%
54	12.774	933	935	936	rVV	3246033	4241738	7.25%	1.138%
55	12.808	936	938	940	rVV	3687566	5449969	9.32%	1.462%
56	12.854	940	942	943	rVV2	1764245	3046994	5.21%	0.818%
57	12.876	943	944	949	rVB2	4012564	6923206	11.84%	1.858%
58	12.956	949	951	957	rVB5	1349582	4411898	7.54%	1.184%
59	13.311	980	982	987	rVB	1310837	2242418	3.83%	0.602%
60	13.894	1031	1033	1035	rBV	692072	635444	1.09%	0.171%

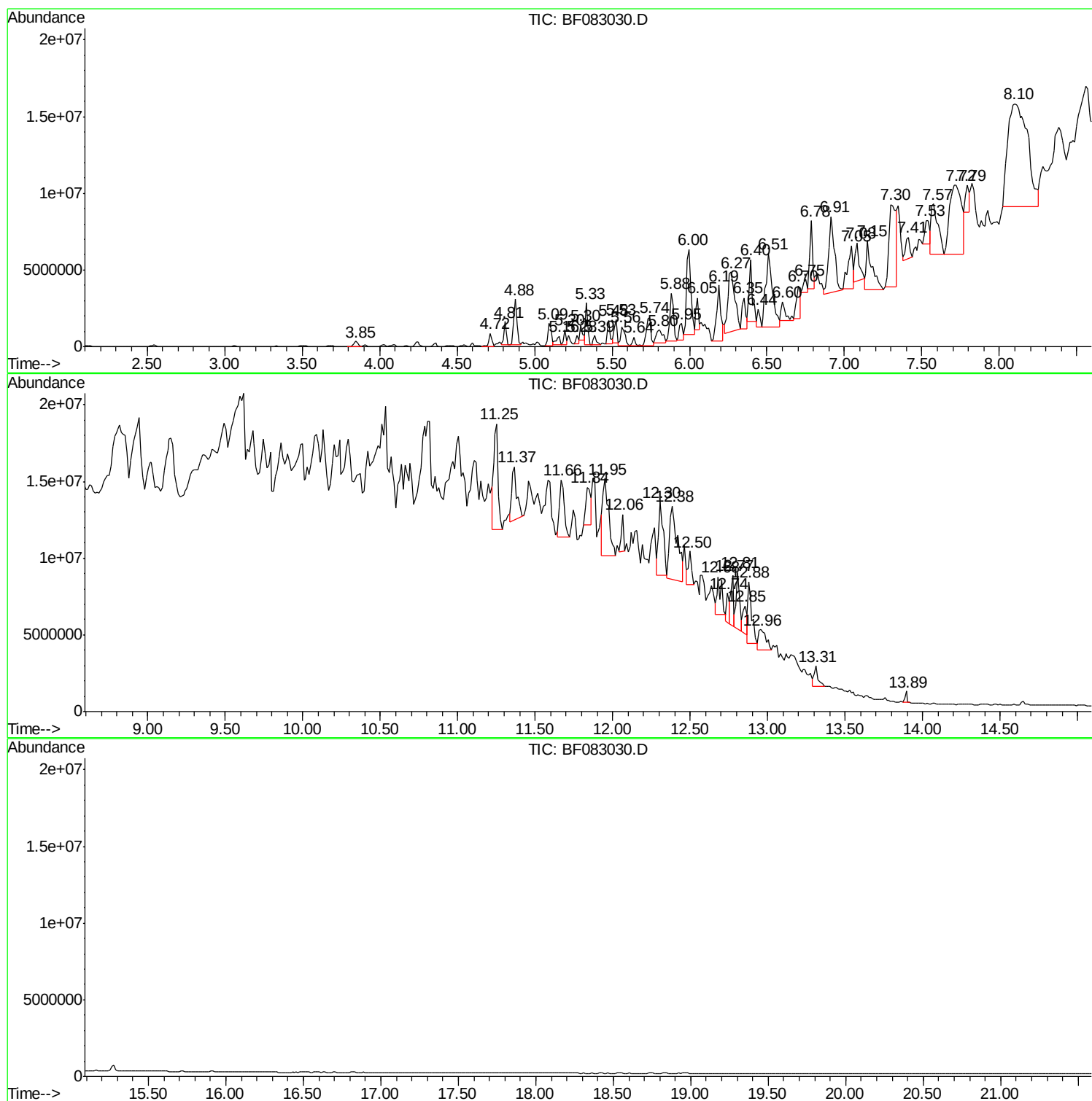
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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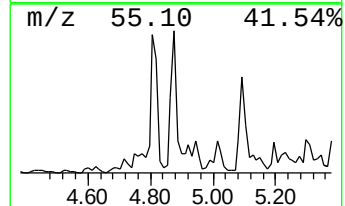
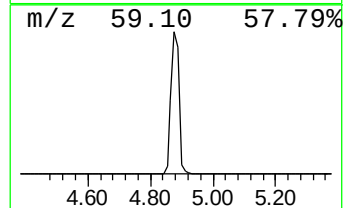
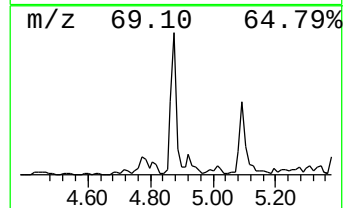
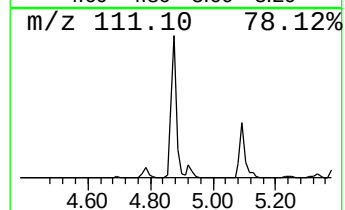
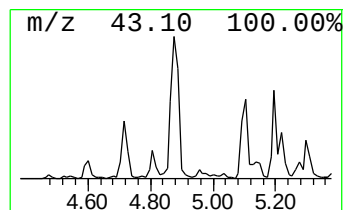
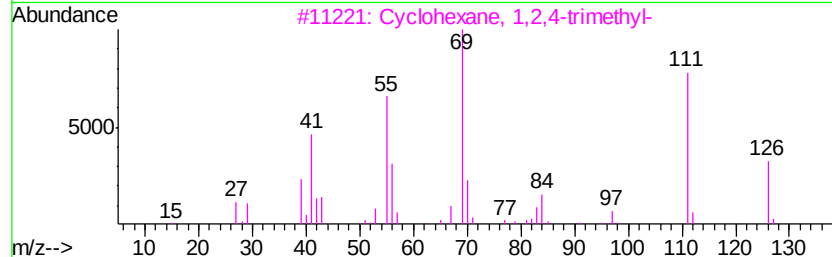
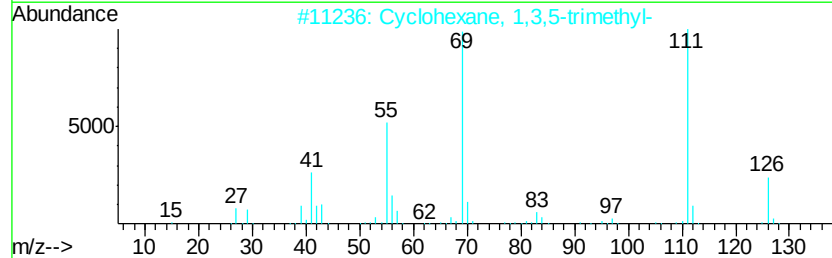
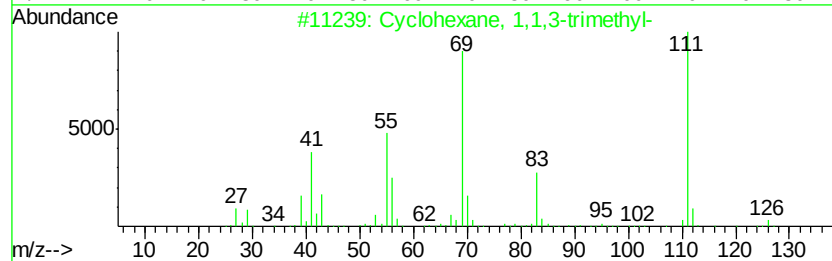
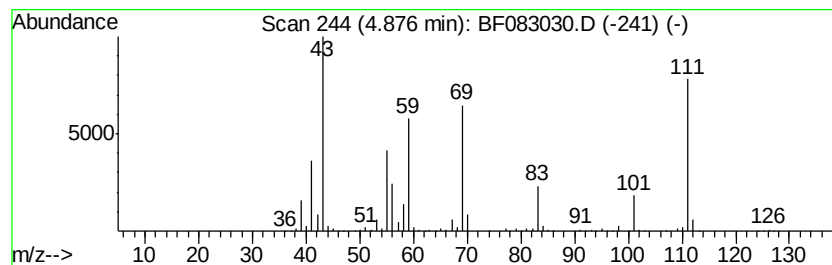
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.88 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	64.58 ng	4107860	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	38
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38



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Instrument :
BNA_F
ClientSampled :
SB-5

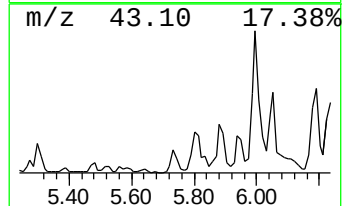
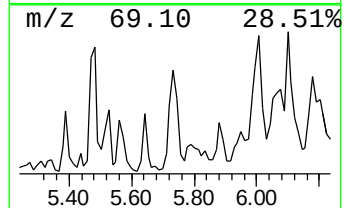
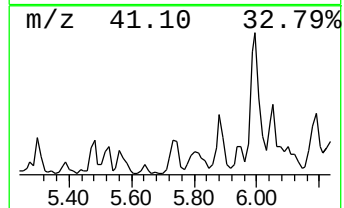
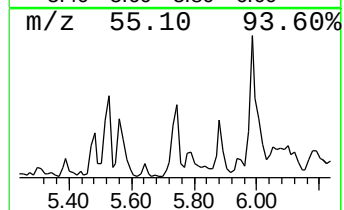
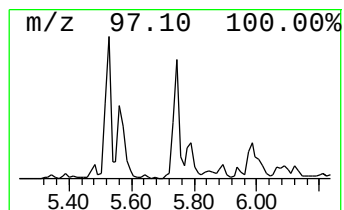
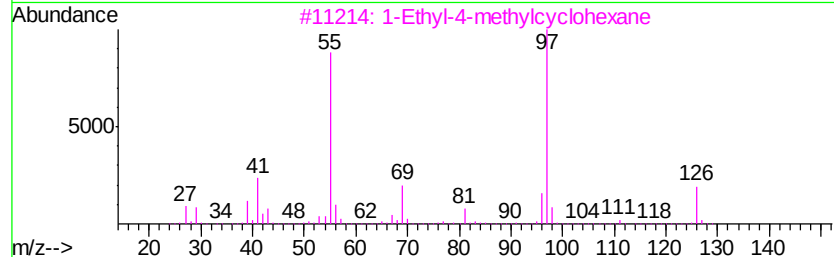
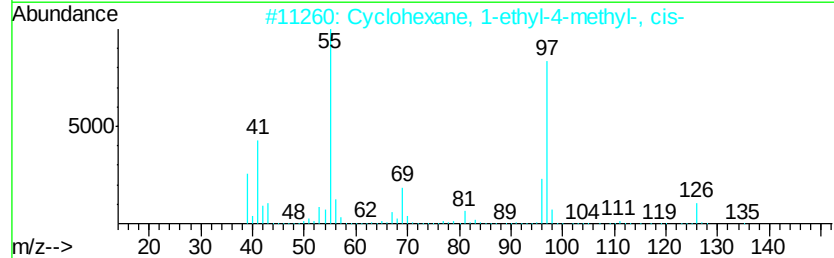
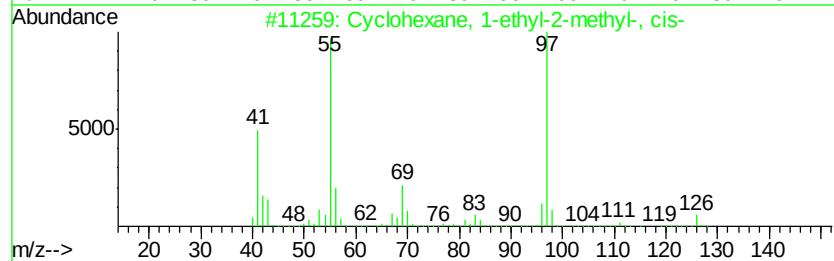
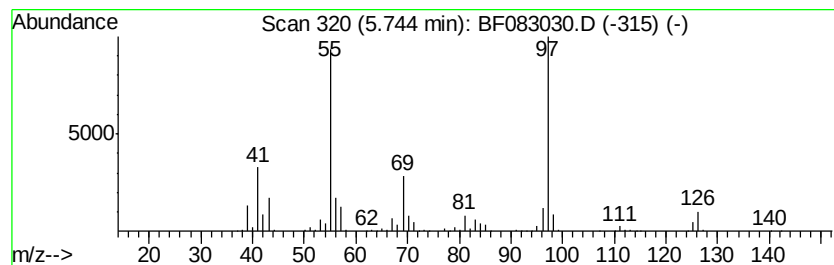
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	56.58 ng	3598590	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	81
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72



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Instrument :
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ClientSampled :
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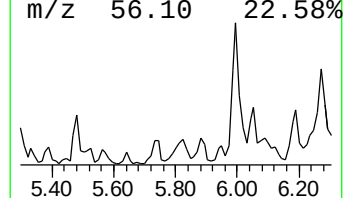
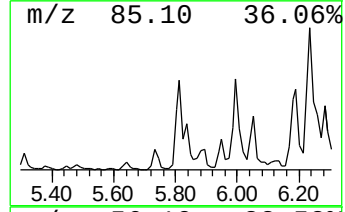
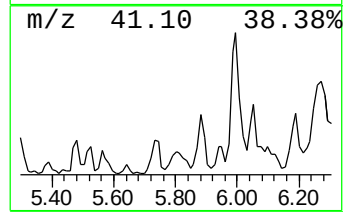
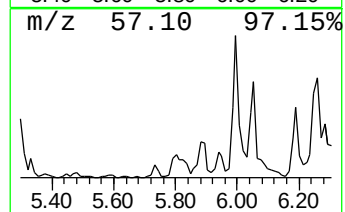
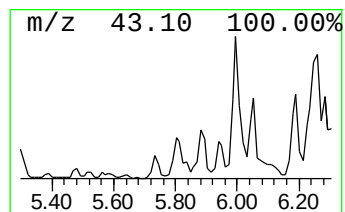
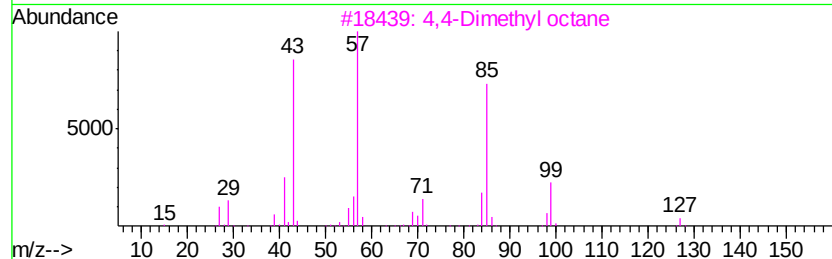
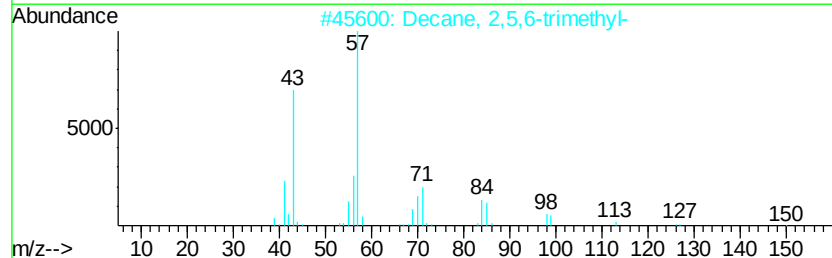
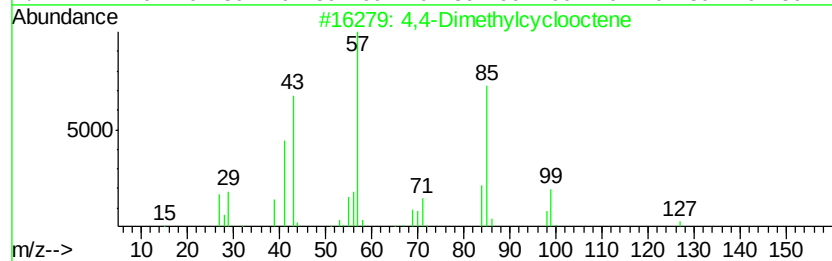
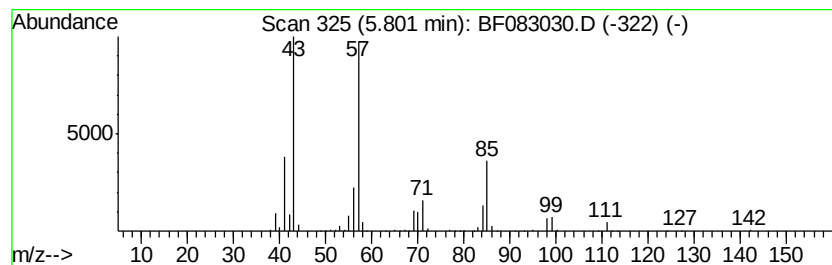
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4,4-Dimethylcyclooctene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	39.54 ng	2515050	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	78
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
3		4,4-Dimethyl octane	142	C10H22	015869-95-1	64
4		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
5		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	59



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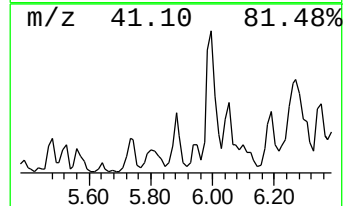
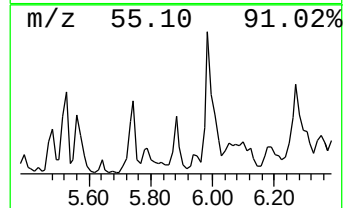
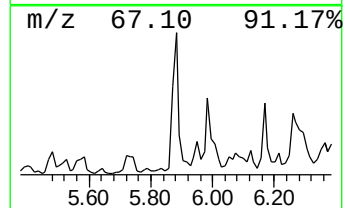
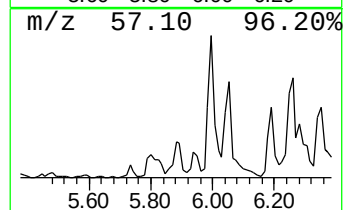
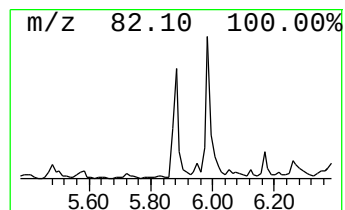
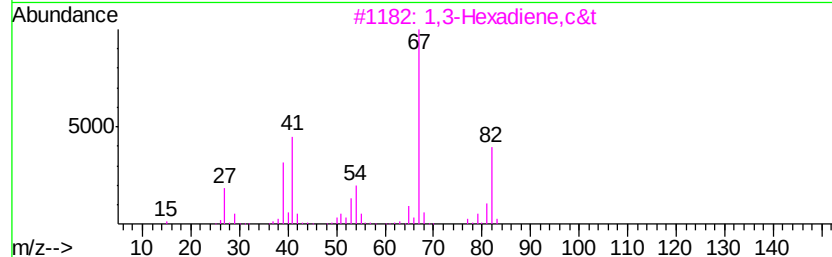
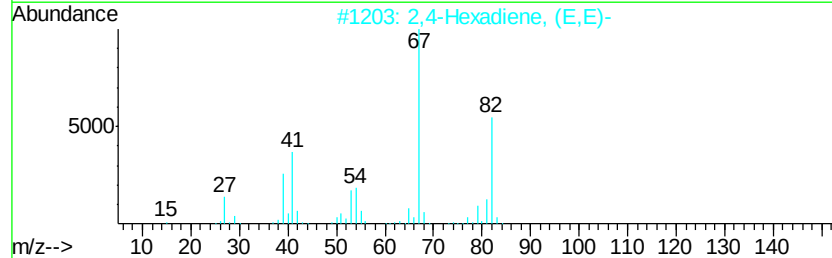
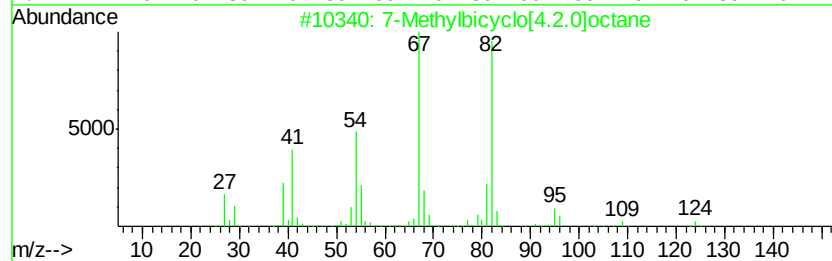
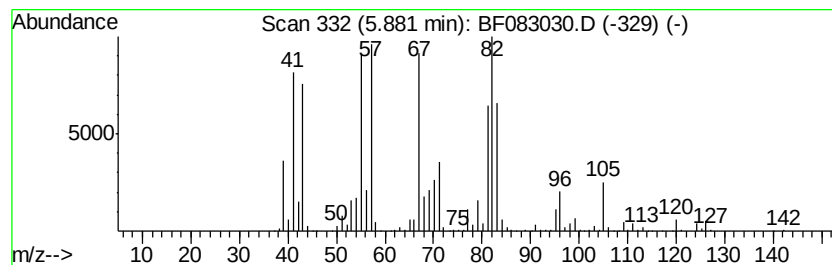
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.88 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	76.60 ng	4872300	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	46
2		2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
3		1,3-Hexadiene,c&t	82	C6H10	000592-48-3	38
4		3-Hexen-1-ol, acetate, (E)-	142	C8H14O2	003681-82-1	38
5		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	38



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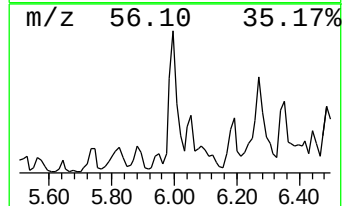
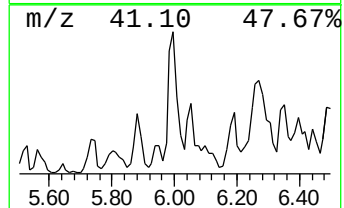
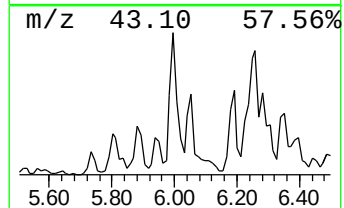
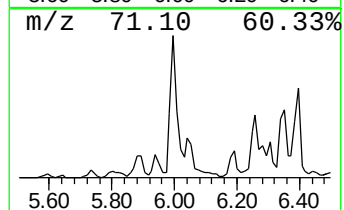
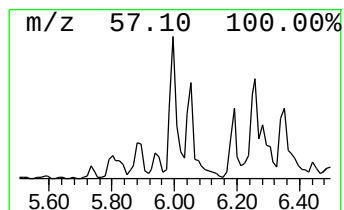
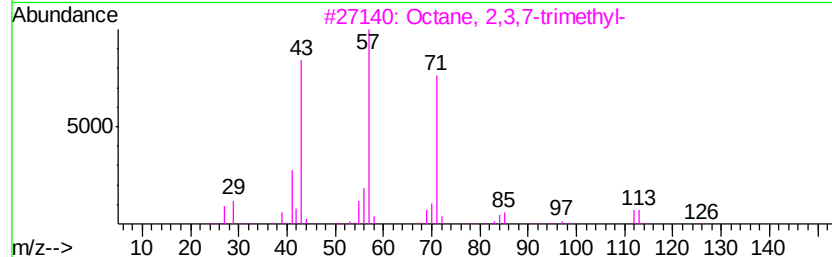
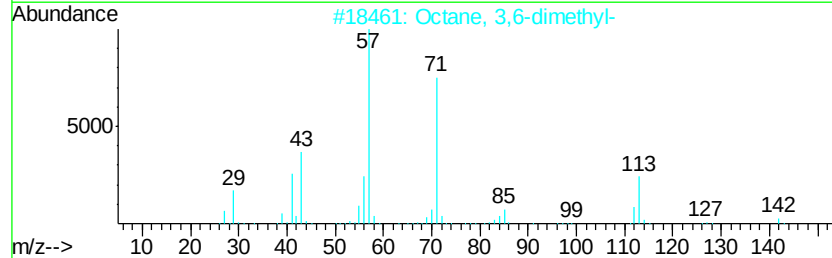
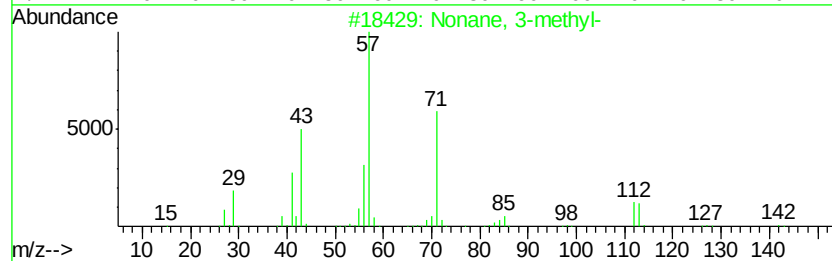
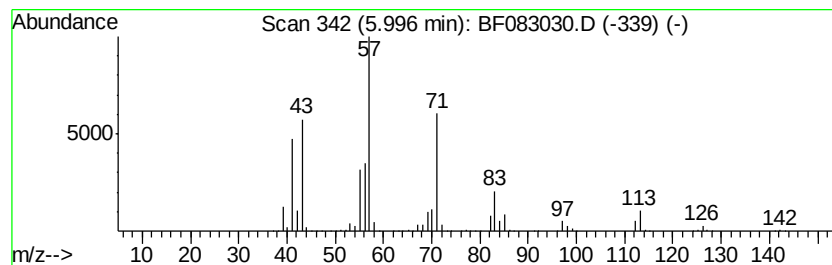
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.00	165.91 ng	10552900	1,4-Dichlorobenzene-d4	6.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083030.D
Acq On : 19 Nov 2015 1:50
Operator : UM/IZ
Sample : G4426-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

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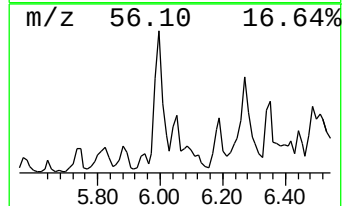
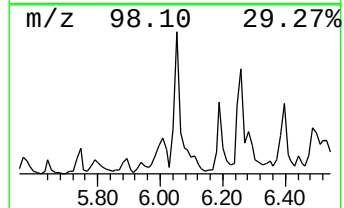
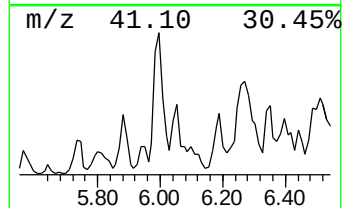
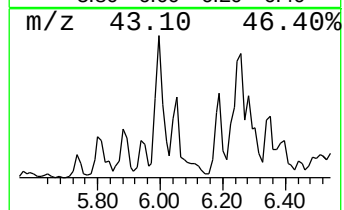
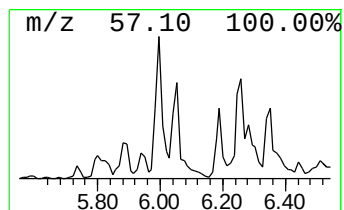
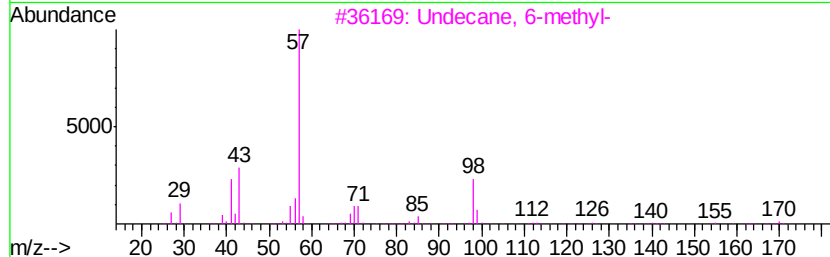
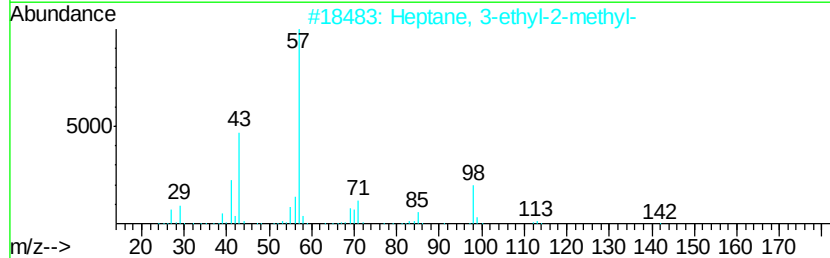
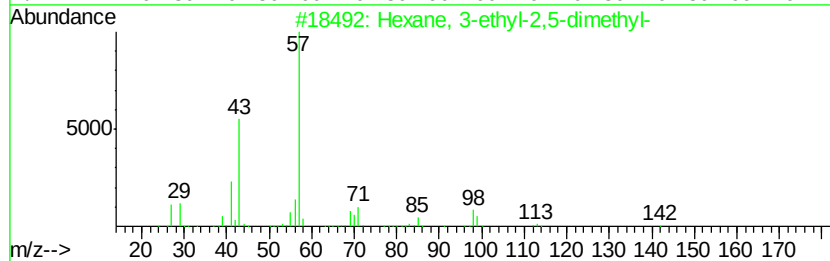
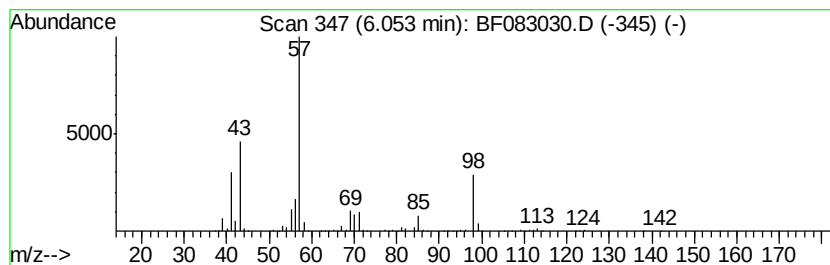
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexane, 3-ethyl-2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	39.30 ng	2499690	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	81
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	64
5		Octane, 3-methyl-	128	C9H20	002216-33-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Acq On : 19 Nov 2015 1:50
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Sample : G4426-05
Misc :
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Instrument :
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ClientSampleId :
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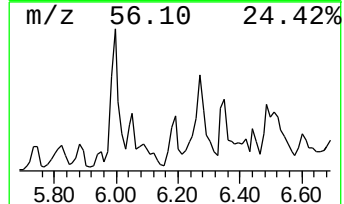
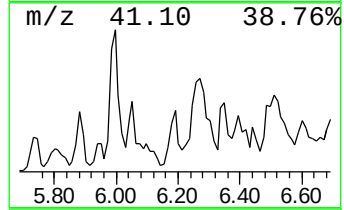
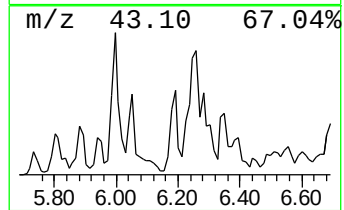
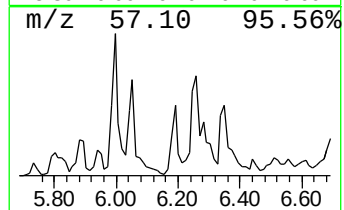
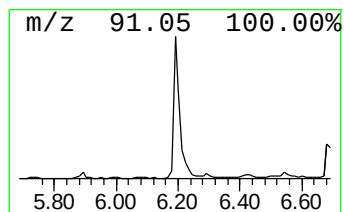
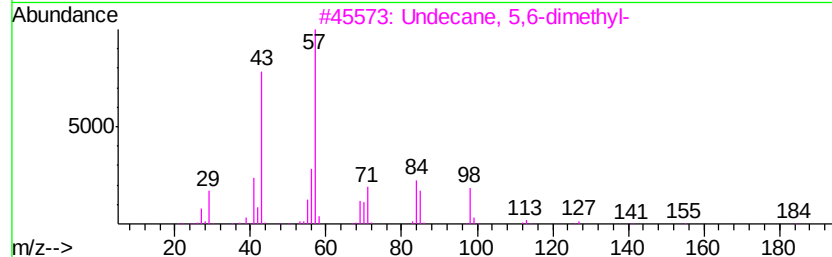
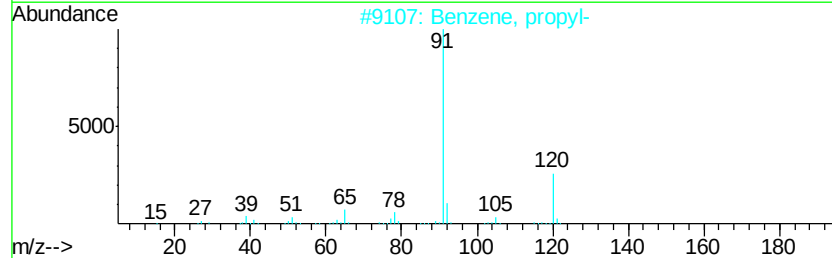
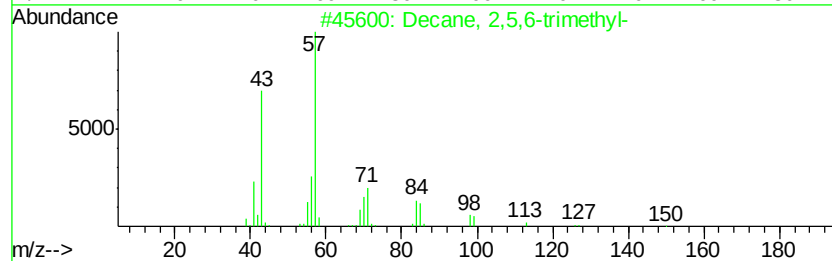
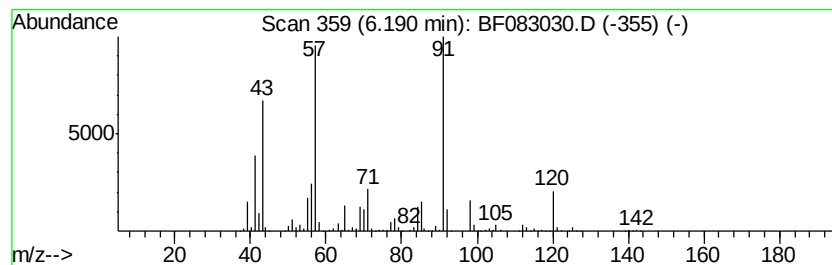
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	103.07 ng	6555570	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
2		Benzene, propyl-	120	C9H12	000103-65-1	38
3		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	35
4		Decane, 5-methyl-	156	C11H24	013151-35-4	35
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083030.D
Acq On : 19 Nov 2015 1:50
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Misc :
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Instrument :
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ClientSampled :
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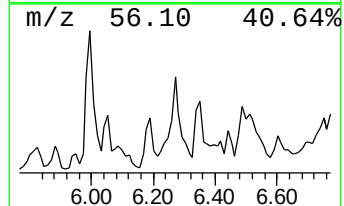
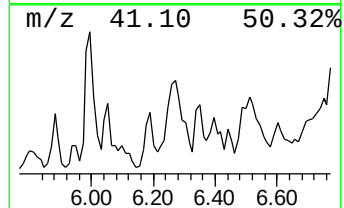
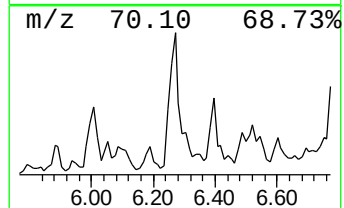
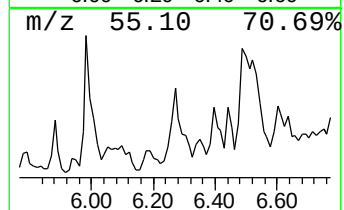
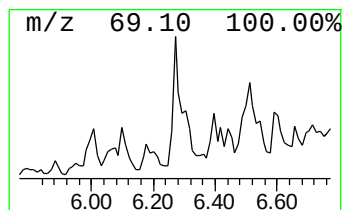
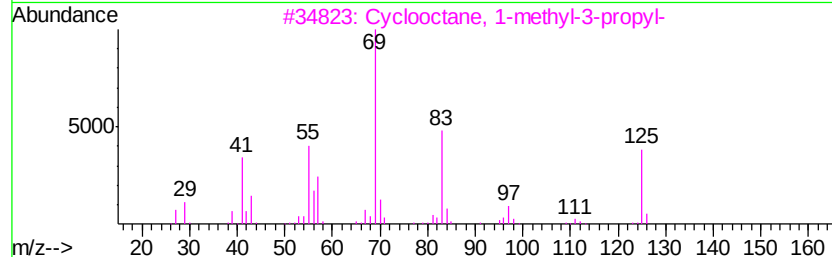
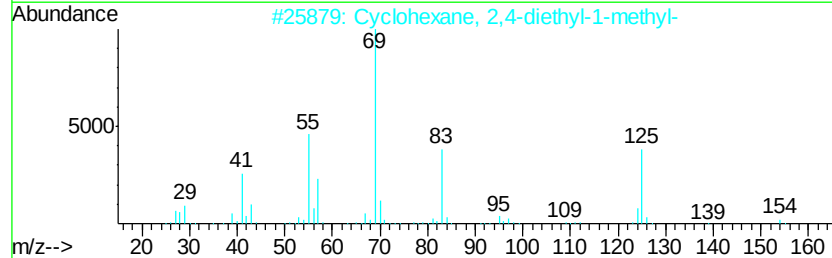
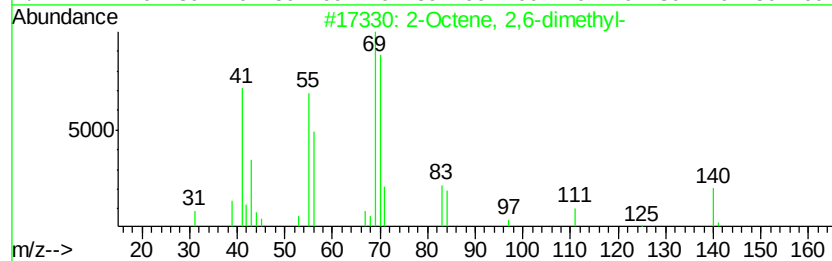
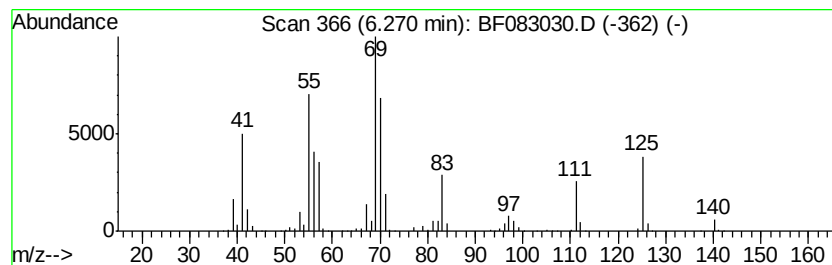
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Octene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	196.58 ng	12503900	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	47
3		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
4		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43
5		Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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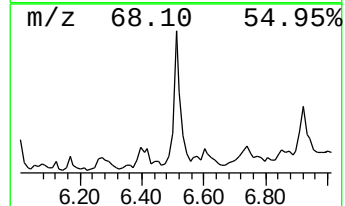
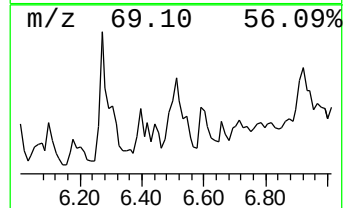
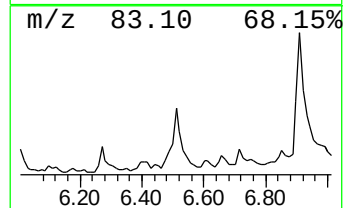
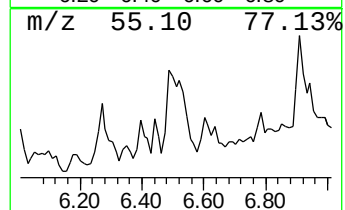
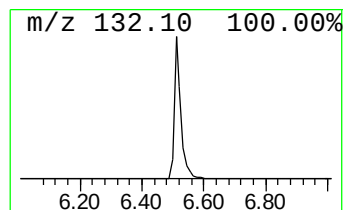
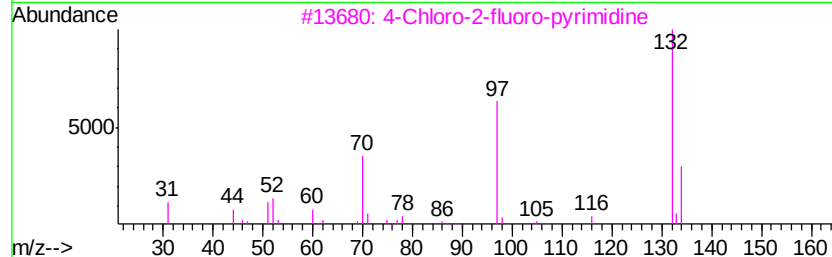
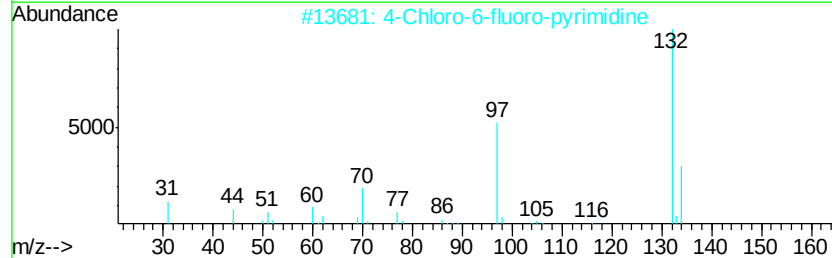
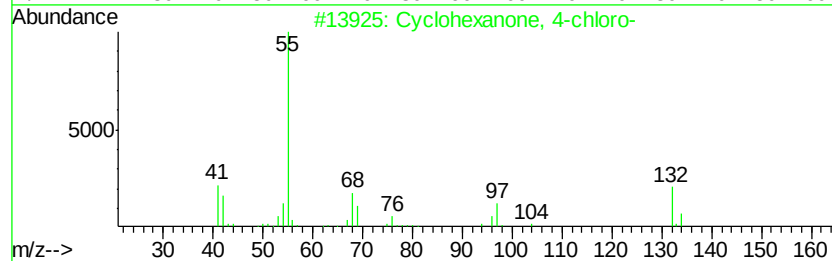
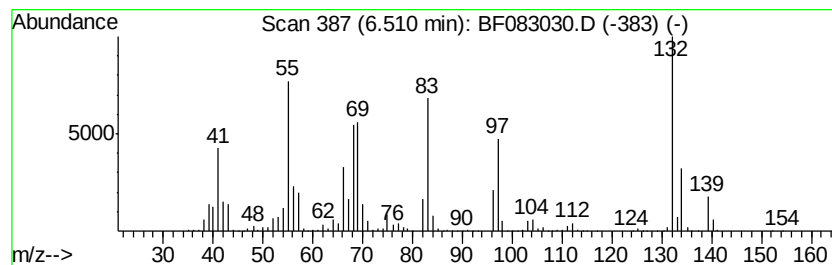
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	224.62 ng	14287400	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 4-chloro-	132	C6H9ClO	021299-26-3	49
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	22
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	22
4		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	15
5		1,9-Nonanediol	160	C9H20O2	003937-56-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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Acq On : 19 Nov 2015 1:50
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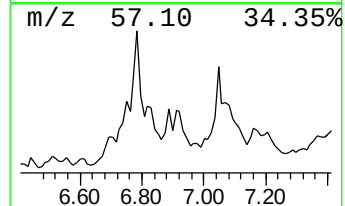
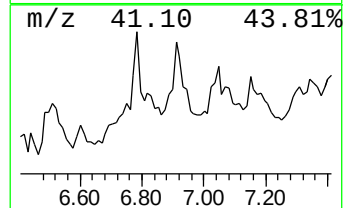
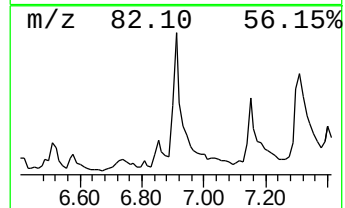
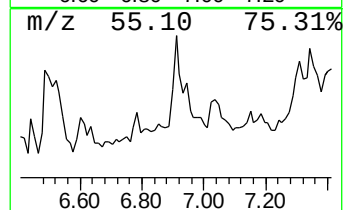
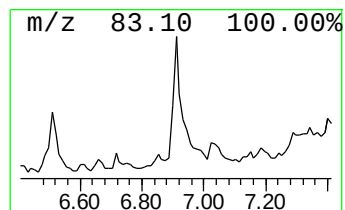
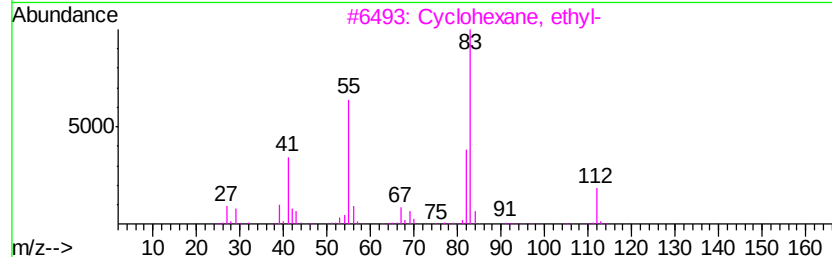
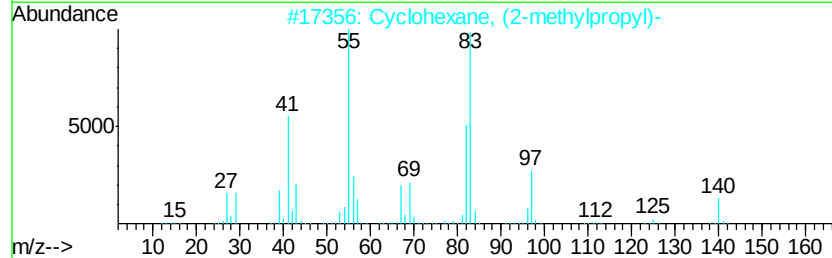
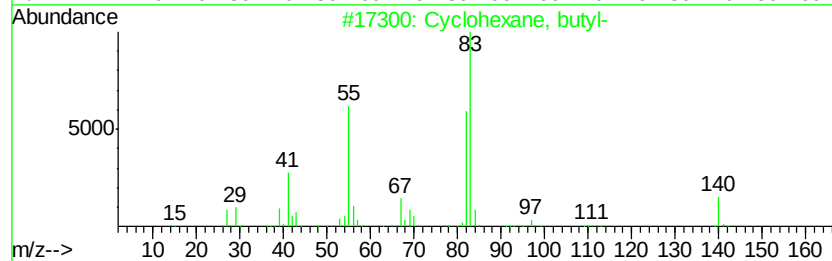
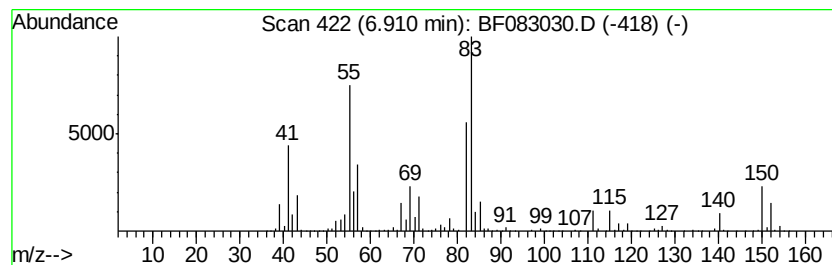
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	221.60 ng	14095300	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	62
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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ClientSampleId :
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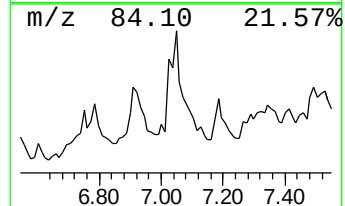
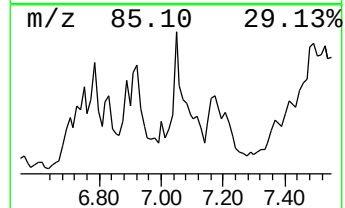
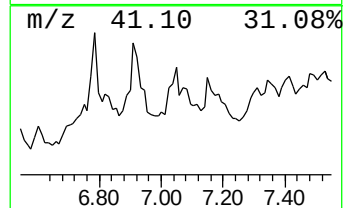
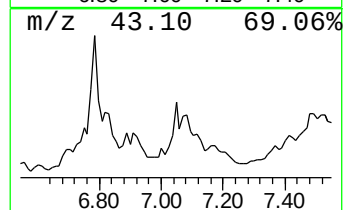
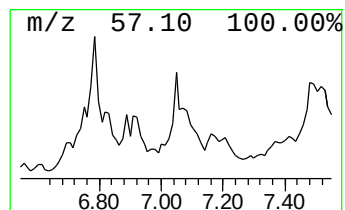
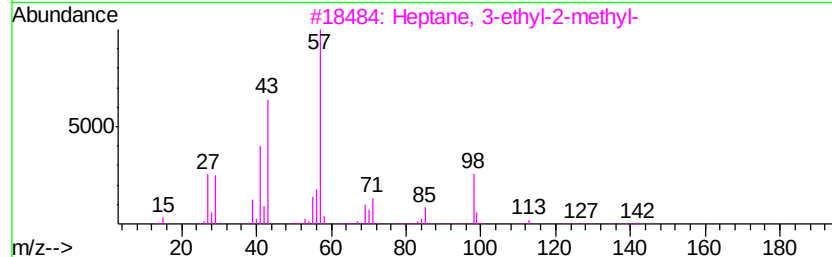
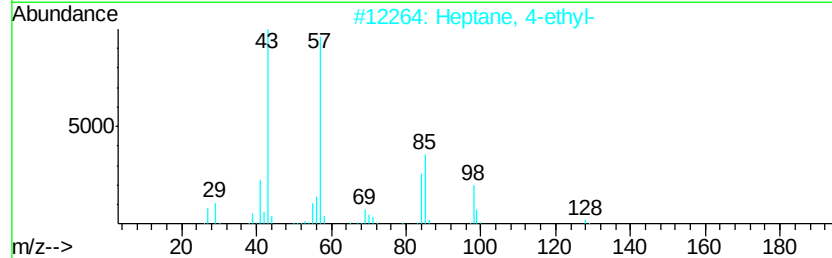
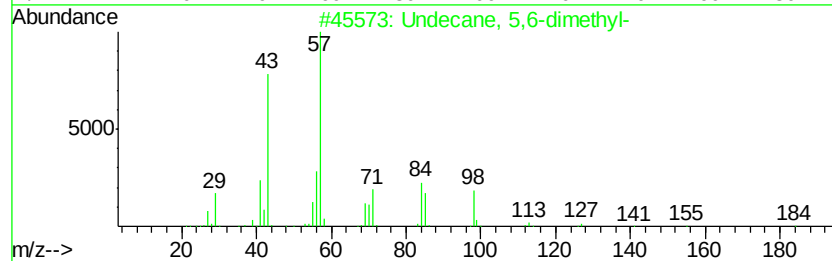
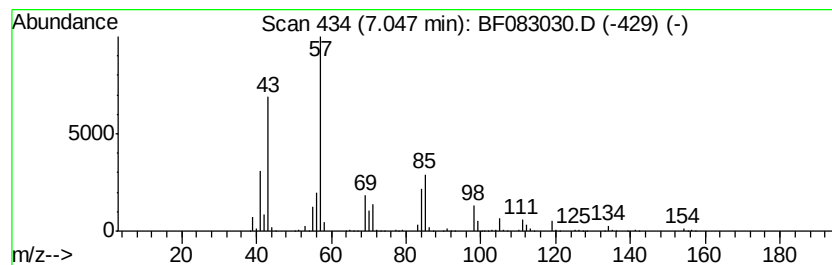
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 5,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	108.43 ng	6896600	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4		Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	50
5		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083030.D
Acq On : 19 Nov 2015 1:50
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Sample : G4426-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampled :
SB-5

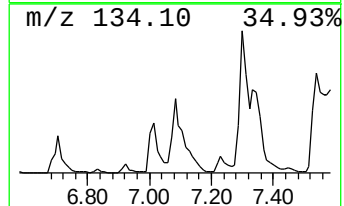
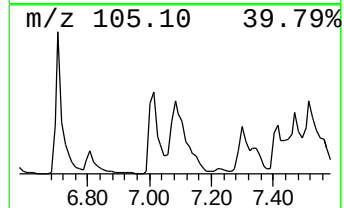
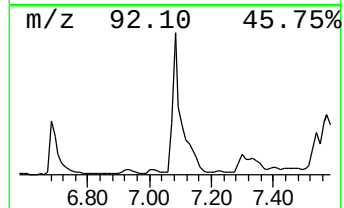
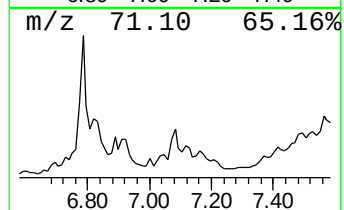
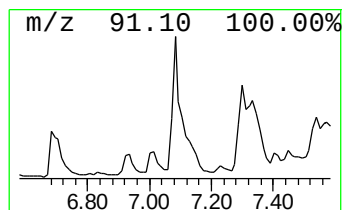
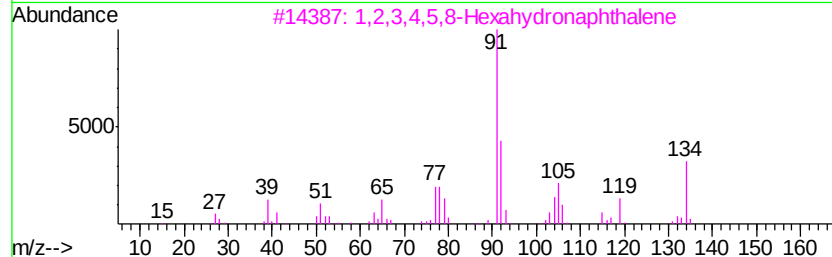
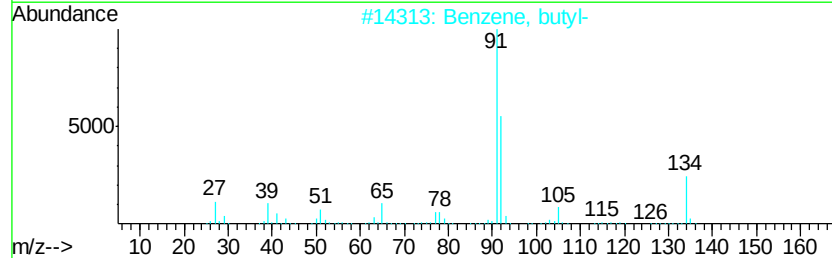
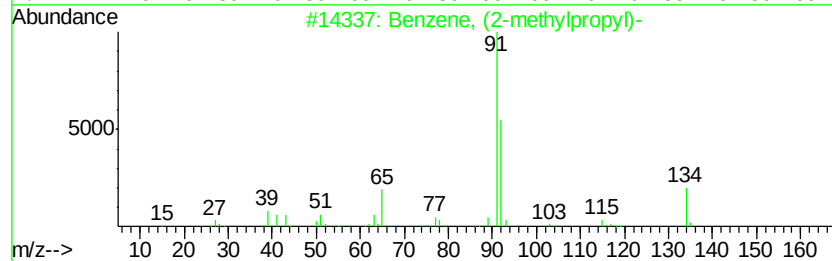
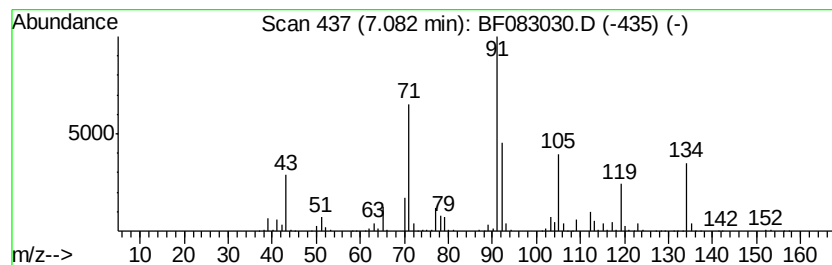
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	69.76 ng	4437180	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	43
2		Benzene, butyl-	134	C10H14	000104-51-8	38
3		1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	37
4		3-Thujen-2-ol, stereoisomer	152	C10H16O	003310-03-0	32
5		Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083030.D
Acq On : 19 Nov 2015 1:50
Operator : UM/IZ
Sample : G4426-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-5

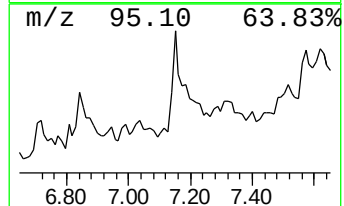
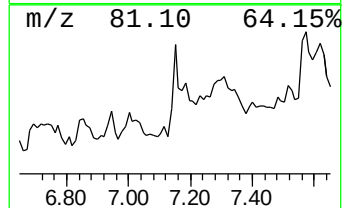
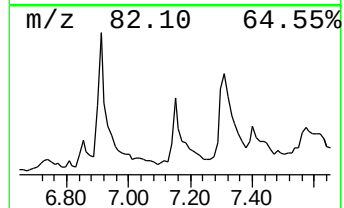
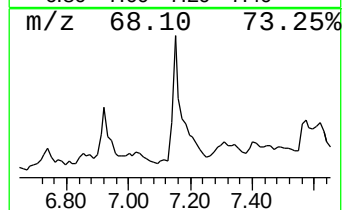
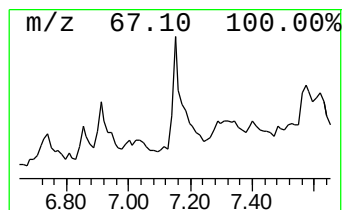
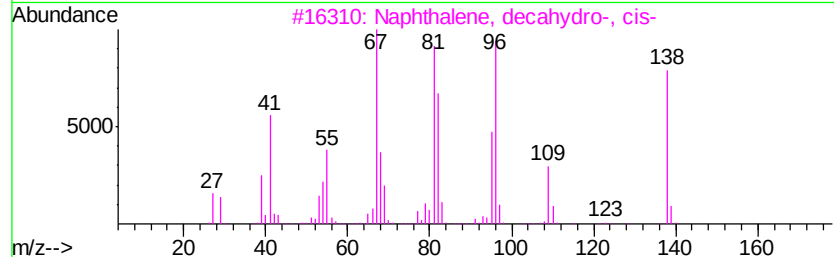
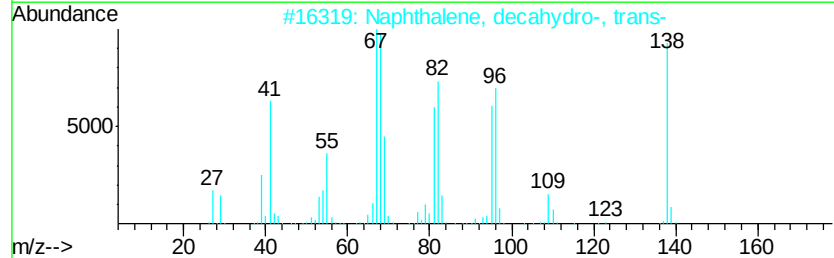
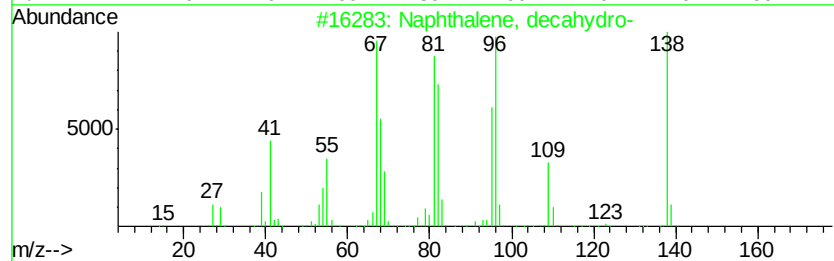
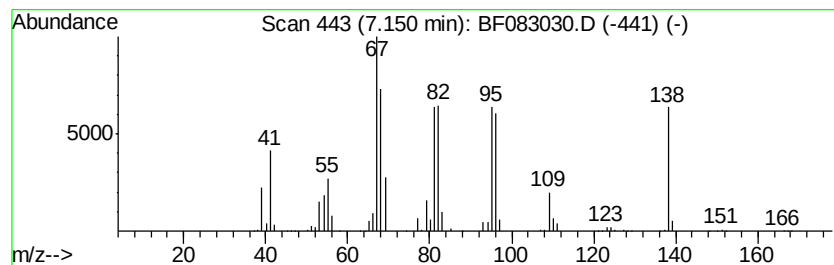
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, decahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	126.80 ng	8065230	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
4		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	64
5		Cyclodecene	138	C10H18	003618-12-0	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083030.D
Acq On : 19 Nov 2015 1:50
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Sample : G4426-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

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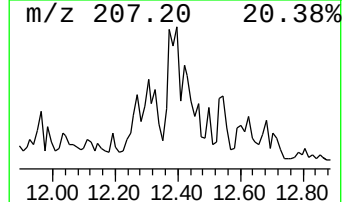
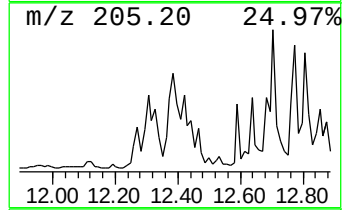
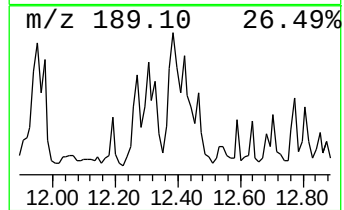
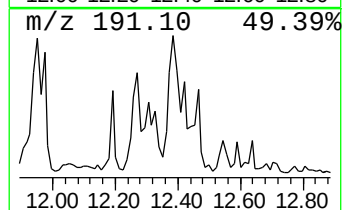
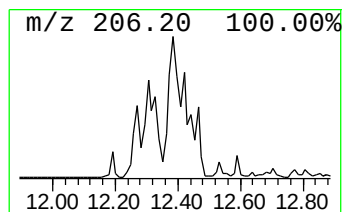
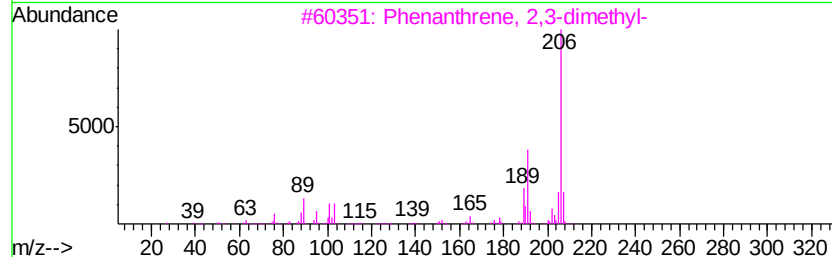
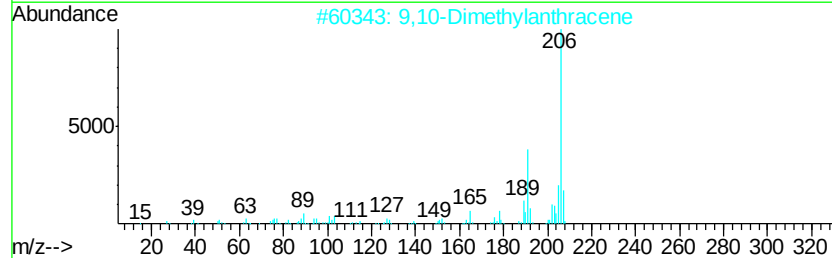
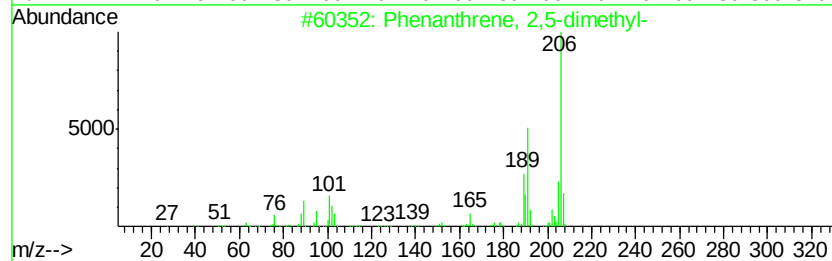
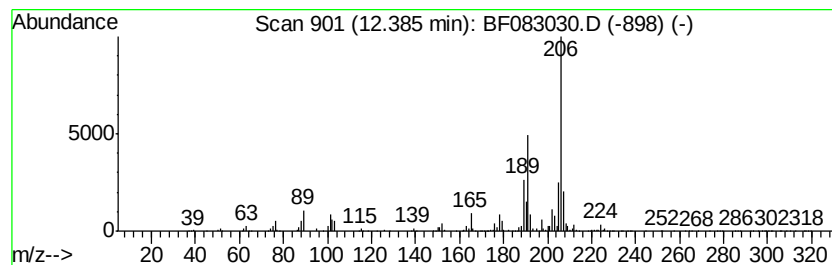
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	40.43 ng	16661100	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083030.D
Acq On : 19 Nov 2015 1:50
Operator : UM/IZ
Sample : G4426-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

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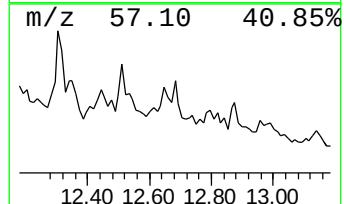
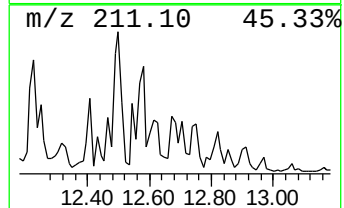
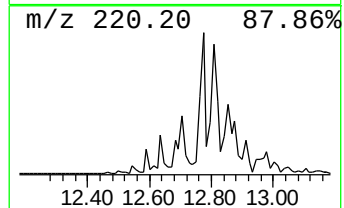
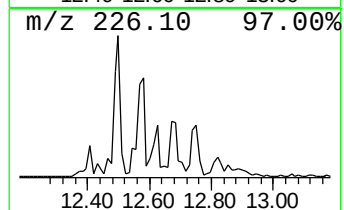
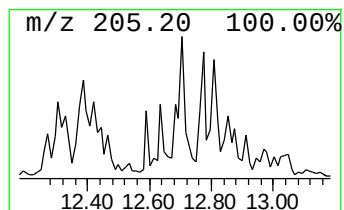
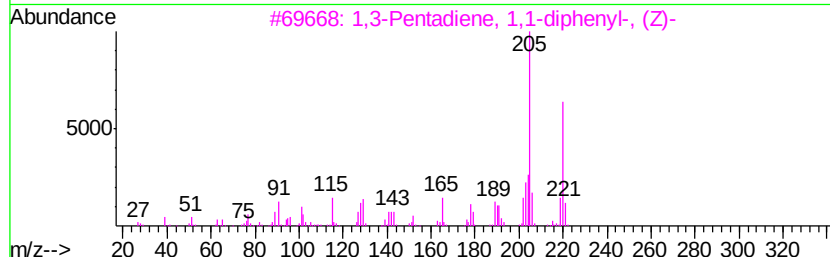
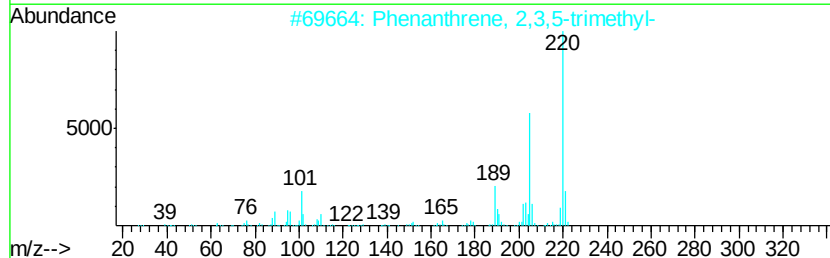
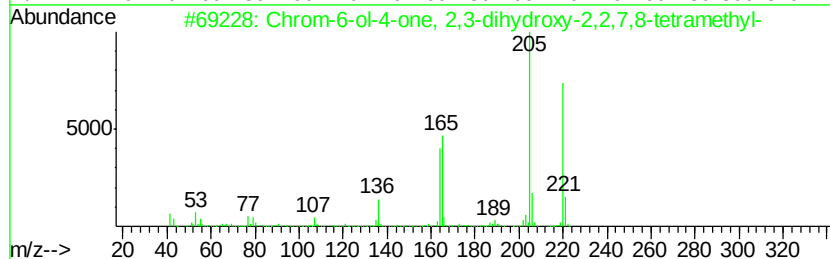
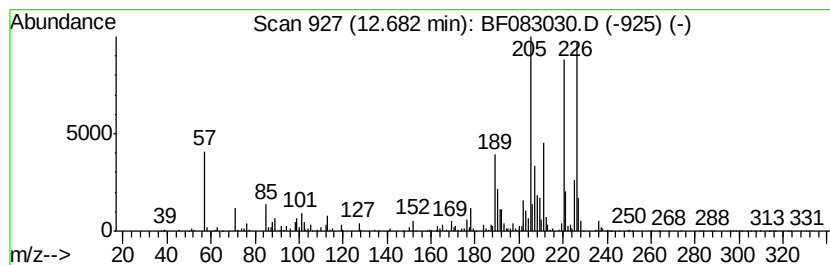
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	156.91 ng	4985470	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrom-6-ol-4-one, 2,3-dihydroxy-...	220	C13H16O3	084945-26-6	38
2		Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	38
3		1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	38
4		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	38
5		1-Piperidineacetonitrile, .alpha...	226	C15H18N2	022915-20-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083030.D
Acq On : 19 Nov 2015 1:50
Operator : UM/IZ
Sample : G4426-05
Misc :
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Instrument :
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ClientSampleId :
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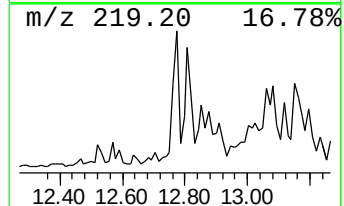
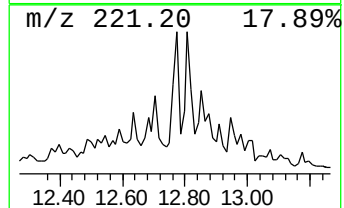
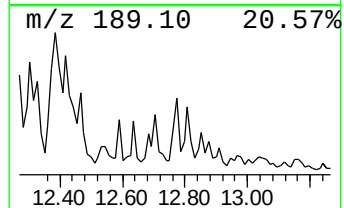
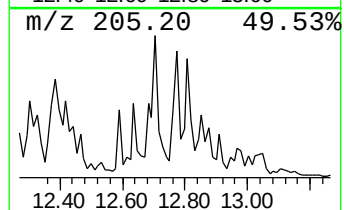
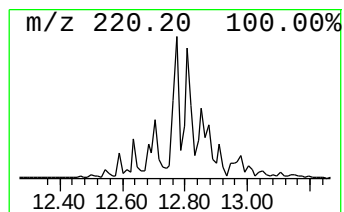
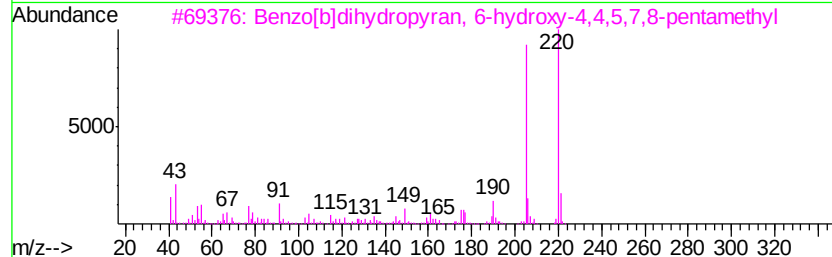
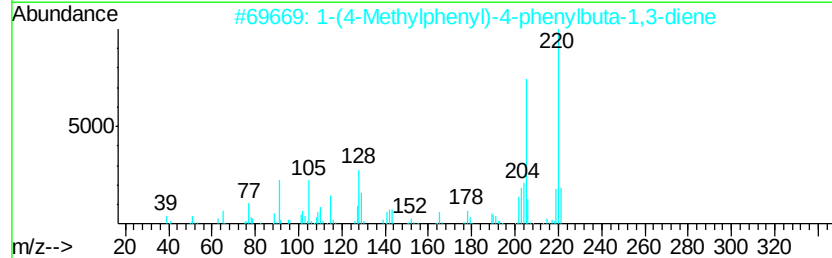
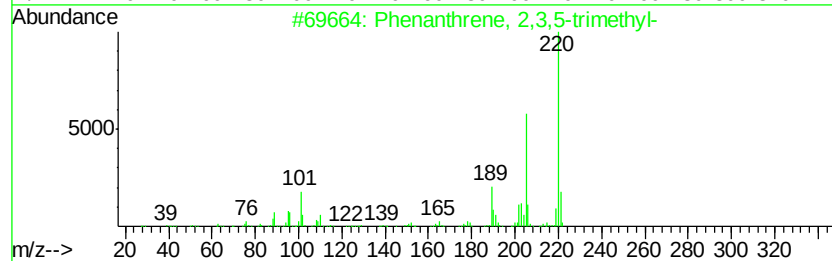
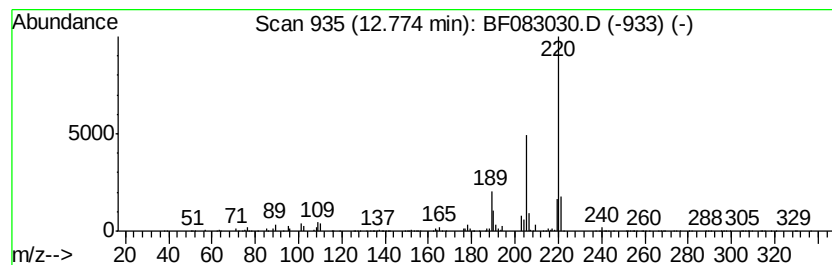
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	133.51 ng	4241740	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	72
3		Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	59
4		Phenmethylnide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	53
5		1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083030.D
Acq On : 19 Nov 2015 1:50
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Sample : G4426-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5

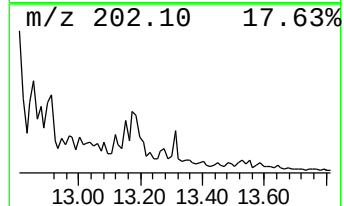
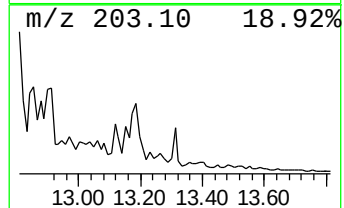
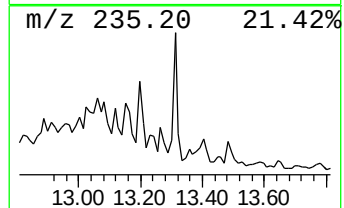
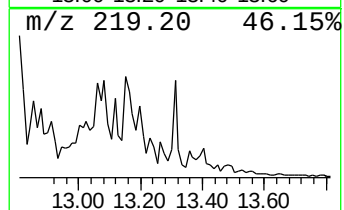
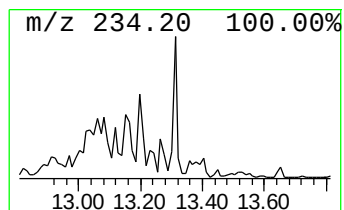
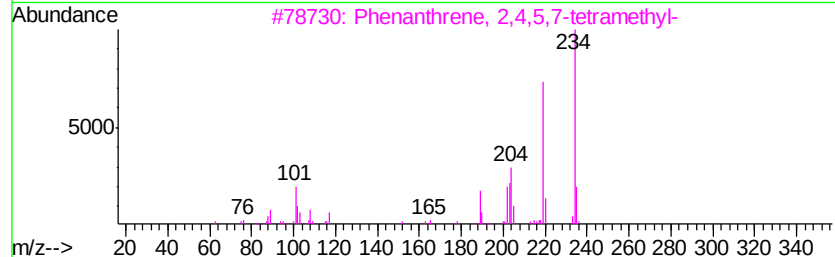
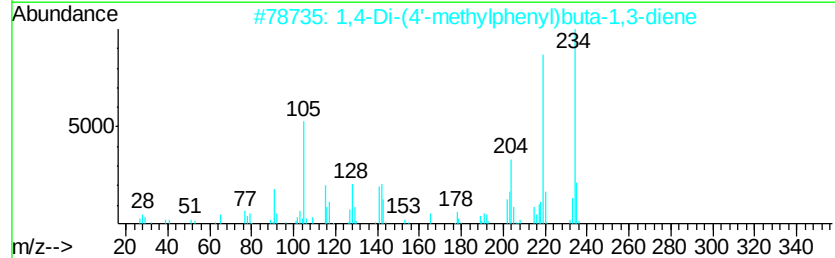
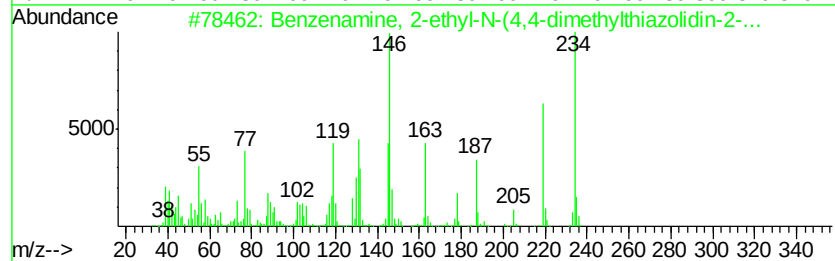
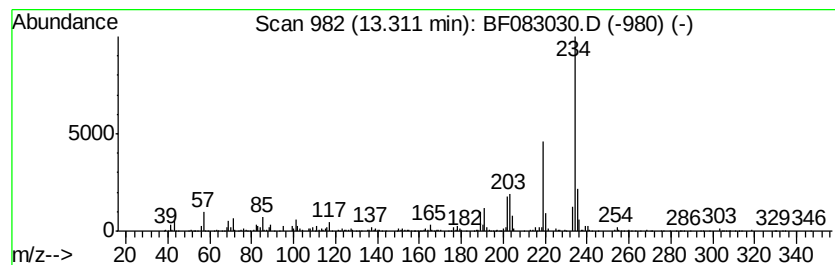
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzenamine, 2-ethyl-N-(4,4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	70.58 ng	2242420	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	95
2		1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	64
3		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	64
4		Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	56
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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 Acq On : 19 Nov 2015 1:50
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 Sample : G4426-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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					#	RT	Resp	Conc
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Cyclohexane, 1-et...	5.74	56.6	ng	3598590	1	6.74	1272130	20.0
4,4-Dimethylcyclo...	5.80	39.5	ng	2515050	1	6.74	1272130	20.0
unknown5.88	5.88	76.6	ng	4872300	1	6.74	1272130	20.0
Nonane, 3-methyl-	6.00	165.9	ng	10552900	1	6.74	1272130	20.0
Hexane, 3-ethyl-2...	6.05	39.3	ng	2499690	1	6.74	1272130	20.0
unknown6.19	6.19	103.1	ng	6555570	1	6.74	1272130	20.0
2-Octene, 2,6-dim...	6.27	196.6	ng	12503900	1	6.74	1272130	20.0
unknown6.51	6.51	224.6	ng	14287400	1	6.74	1272130	20.0
Cyclohexane, butyl-	6.91	221.6	ng	14095300	1	6.74	1272130	20.0
Undecane, 5,6-dim...	7.05	108.4	ng	6896600	1	6.74	1272130	20.0
unknown7.08	7.08	69.8	ng	4437180	1	6.74	1272130	20.0
Naphthalene, deca...	7.15	126.8	ng	8065230	1	6.74	1272130	20.0
Phenanthrene, 2,5...	12.39	40.4	ng	16661100	4	11.33	8241580	20.0
unknown12.68	12.68	156.9	ng	4985470	5	13.89	635444	20.0
Phenanthrene, 2,3...	12.77	133.5	ng	4241740	5	13.89	635444	20.0
Benzenamine, 2-et...	13.31	70.6	ng	2242420	5	13.89	635444	20.0