

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078643.D
 Acq On : 18 Apr 2015 14:16
 Operator : TP/IZ
 Sample : G1902-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB18A

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-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.438	21	22	28	rBV	160816	259643	17.55%	1.558%
2	1.530	28	30	54	rVB	823101	1479255	100.00%	8.877%
3	4.273	268	270	282	rBV	50171	85669	5.79%	0.514%
4	4.913	323	326	332	rBV	459197	619933	41.91%	3.720%
5	6.296	445	447	452	rBV	587785	631683	42.70%	3.791%
6	6.387	453	455	458	rVB	482155	679265	45.92%	4.076%
7	6.673	478	480	483	rBV	179559	186540	12.61%	1.119%
8	6.787	488	490	494	rBV3	6429	19611	1.33%	0.118%
9	6.856	494	496	499	rBV	401425	514796	34.80%	3.089%
10	7.142	520	521	524	rVB2	24872	31097	2.10%	0.187%
11	7.267	529	532	535	rVV4	10237	24963	1.69%	0.150%
12	7.382	540	542	544	rVV	404779	363720	24.59%	2.183%
13	7.610	560	562	564	rBV2	19368	23403	1.58%	0.140%
14	7.667	564	567	568	rBV2	31995	33762	2.28%	0.203%
15	7.805	577	579	583	rVB3	48829	73621	4.98%	0.442%
16	7.885	583	586	587	rBV	8630	15335	1.04%	0.092%
17	7.930	587	590	593	rBV2	11288	29572	2.00%	0.177%
18	7.999	593	596	600	rBV5	10930	34449	2.33%	0.207%
19	8.136	607	608	610	rBV2	20053	32428	2.19%	0.195%
20	8.262	615	619	621	rBV	212891	329415	22.27%	1.977%
21	8.319	621	624	627	rVB5	23556	50666	3.43%	0.304%
22	8.399	627	631	635	rBV4	32640	64801	4.38%	0.389%
23	8.468	635	637	639	rVB2	24556	30264	2.05%	0.182%
24	8.525	639	642	644	rBV2	52925	83474	5.64%	0.501%
25	8.570	644	646	647	rBV	21262	28540	1.93%	0.171%
26	8.616	647	650	652	rVB2	38358	63826	4.31%	0.383%
27	8.650	652	653	657	rBV4	27640	54431	3.68%	0.327%
28	8.730	657	660	661	rBV2	32439	57253	3.87%	0.344%
29	8.822	665	668	669	rBV	40558	52362	3.54%	0.314%
30	8.845	669	670	672	rBV	102057	86095	5.82%	0.517%
31	8.948	677	679	682	rVB4	33304	51595	3.49%	0.310%
32	9.039	682	687	689	rBV4	38170	106991	7.23%	0.642%
33	9.085	689	691	692	rBV2	18786	33045	2.23%	0.198%
34	9.142	694	696	697	rVV2	31753	36178	2.45%	0.217%

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35	9.176	697	699	700	rVB2	35784	38757	2.62%	0.233%
36	9.210	700	702	703	rBV	43268	42873	2.90%	0.257%
37	9.256	703	706	707	rBV3	49081	60007	4.06%	0.360%
38	9.302	707	710	711	rVB2	50256	66913	4.52%	0.402%
39	9.416	719	720	723	rBV3	31052	79590	5.38%	0.478%
40	9.473	723	725	726	rVB2	36529	38225	2.58%	0.229%
41	9.611	731	737	739	rBV2	710804	1076165	72.75%	6.458%
42	9.679	740	743	745	rBV	124437	173569	11.73%	1.042%
43	9.713	745	746	747	rVB	21726	14904	1.01%	0.089%
44	9.771	748	751	753	rVB2	61154	114740	7.76%	0.689%
45	9.828	753	756	759	rBV3	55802	127399	8.61%	0.765%
46	9.873	759	760	761	rBV	39600	30286	2.05%	0.182%
47	9.953	765	767	768	rBV	31322	41835	2.83%	0.251%
48	10.045	773	775	777	rVB	161147	257597	17.41%	1.546%
49	10.091	777	779	780	rBV2	49834	90926	6.15%	0.546%
50	10.125	780	782	783	rBV2	99509	130895	8.85%	0.786%
51	10.148	783	784	786	rVV	295769	299734	20.26%	1.799%
52	10.239	790	792	794	rBV3	94719	147650	9.98%	0.886%
53	10.296	794	797	799	rVB4	208599	366932	24.81%	2.202%
54	10.342	799	801	802	rBV	55635	76375	5.16%	0.458%
55	10.411	805	807	810	rVV	297730	304945	20.61%	1.830%
56	10.673	828	830	832	rVB3	48353	67956	4.59%	0.408%
57	10.731	833	835	837	rVB	117420	130517	8.82%	0.783%
58	10.822	839	843	845	rVV4	118268	251051	16.97%	1.507%
59	10.913	849	851	853	rBV2	114573	130281	8.81%	0.782%
60	11.039	860	862	863	rBV2	42491	40625	2.75%	0.244%
61	11.085	864	866	869	rVB3	80923	147970	10.00%	0.888%
62	11.153	869	872	874	rBV3	82751	191704	12.96%	1.150%
63	11.302	882	885	888	rVB3	174923	255391	17.26%	1.533%
64	11.382	890	892	894	rBV	465713	512012	34.61%	3.073%
65	11.531	903	905	906	rBV2	51873	57826	3.91%	0.347%
66	11.622	911	913	919	rVB3	208224	436455	29.51%	2.619%
67	11.839	930	932	934	rBV2	50316	80003	5.41%	0.480%
68	11.931	938	940	944	rBV4	64869	126336	8.54%	0.758%
69	12.194	962	963	965	rBV	89644	167965	11.35%	1.008%
70	12.228	965	966	968	rVV	335792	308983	20.89%	1.854%
71	12.319	972	974	978	rVB3	62927	82236	5.56%	0.494%

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72	12.388	978	980	984	rBV3	48004	74484	5.04%	0.447%
73	12.639	1000	1002	1006	rVB3	62305	118732	8.03%	0.713%
74	12.982	1030	1032	1038	rVB	72328	144675	9.78%	0.868%
75	13.142	1044	1046	1049	rVB2	36402	59502	4.02%	0.357%
76	13.542	1078	1081	1083	rBV2	64347	123901	8.38%	0.744%
77	13.714	1094	1096	1098	rVB	246072	235731	15.94%	1.415%
78	13.771	1098	1101	1102	rVB2	52667	86659	5.86%	0.520%
79	13.805	1102	1104	1108	rBV4	23438	46624	3.15%	0.280%
80	13.988	1117	1120	1122	rVB	352030	387779	26.21%	2.327%
81	14.102	1127	1130	1132	rVB3	50895	83829	5.67%	0.503%
82	14.217	1137	1140	1142	rVB	921819	953064	64.43%	5.719%
83	14.491	1162	1164	1165	rBV	53836	60262	4.07%	0.362%
84	15.474	1248	1250	1255	rVB2	411594	648536	43.84%	3.892%
85	15.565	1256	1258	1260	rBV	141698	171943	11.62%	1.032%
86	17.166	1396	1398	1402	rBV	266900	436624	29.52%	2.620%
87	18.114	1479	1481	1489	rVB2	117494	195870	13.24%	1.175%

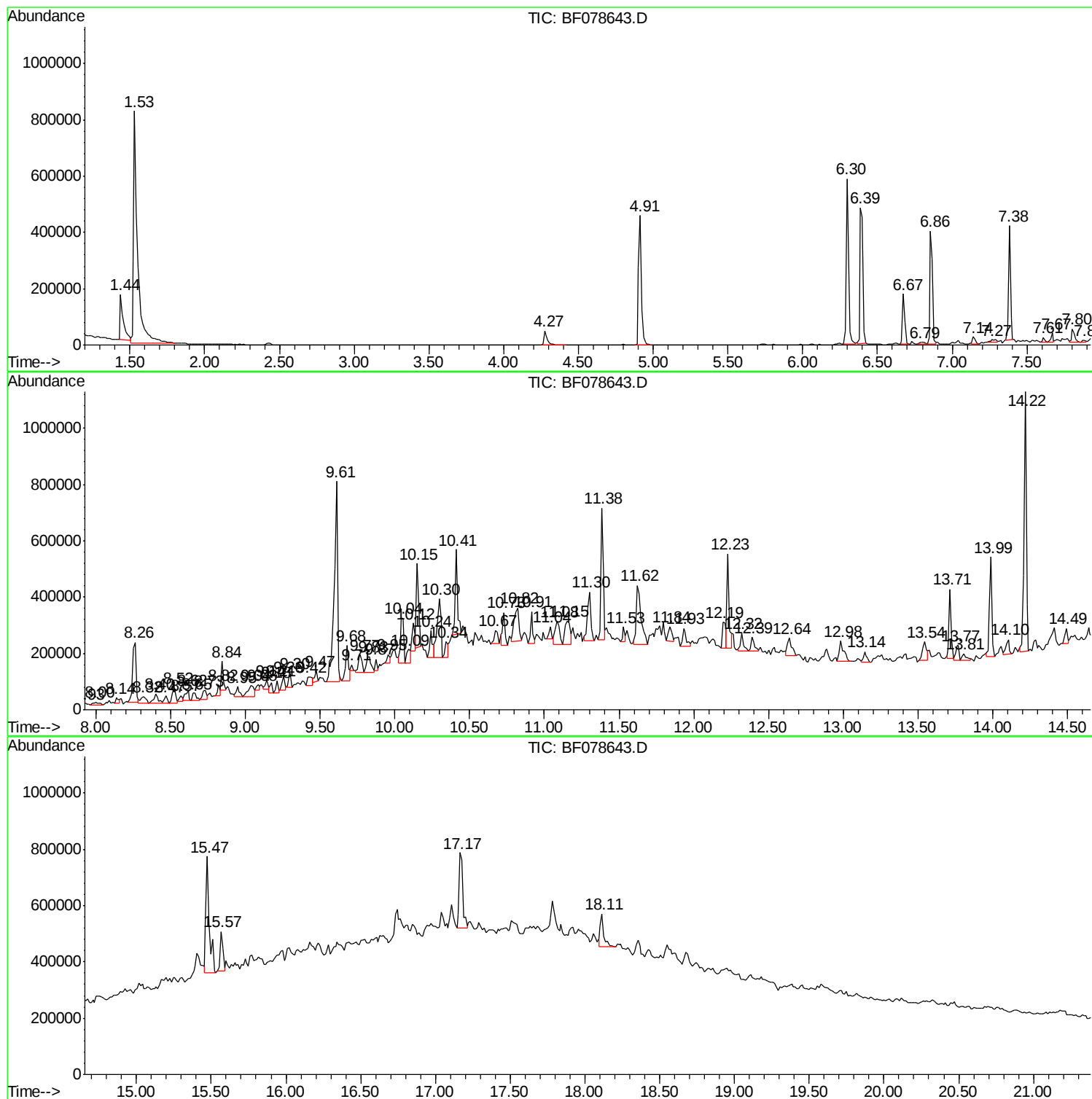
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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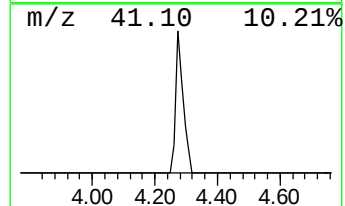
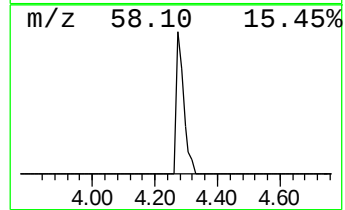
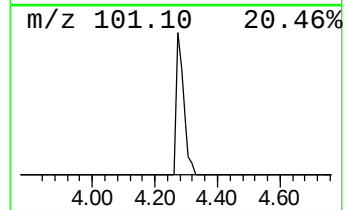
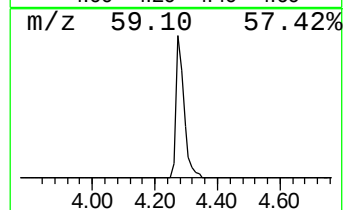
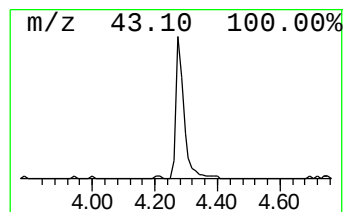
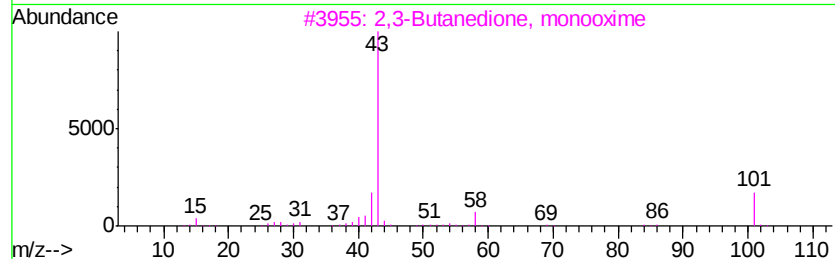
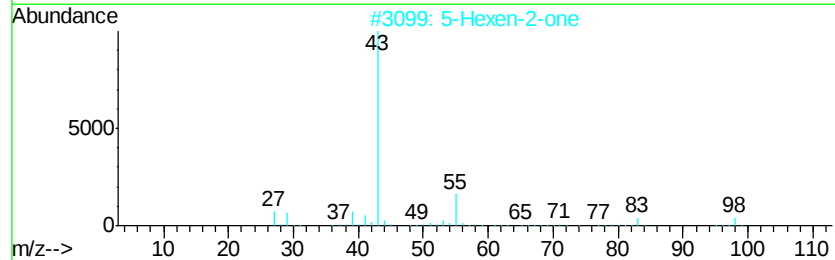
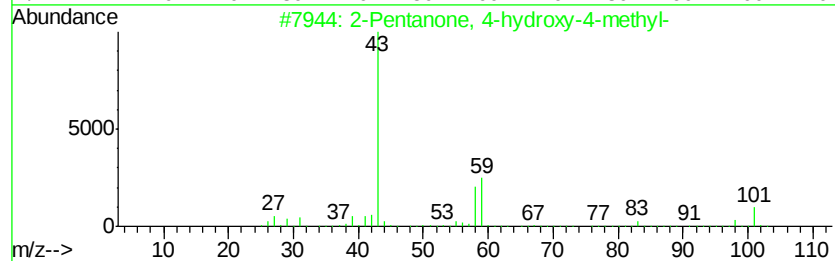
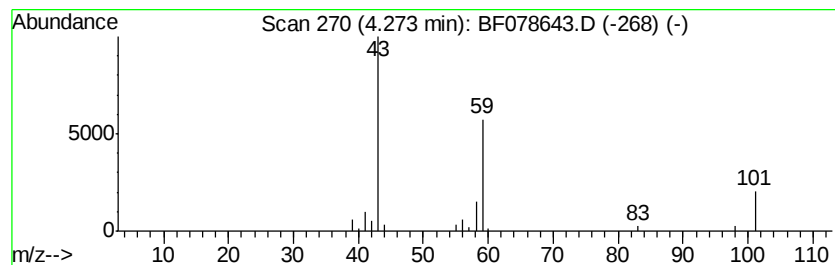
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	9.19 ng	85669	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		3-Octanol	130	C8H18O	000589-98-0	9



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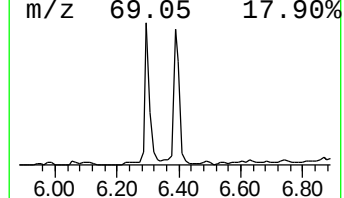
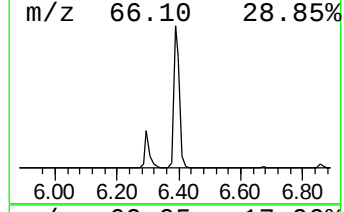
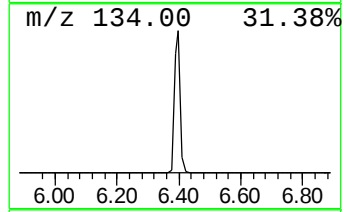
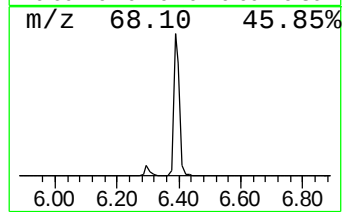
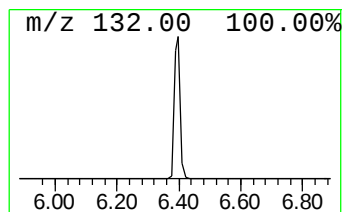
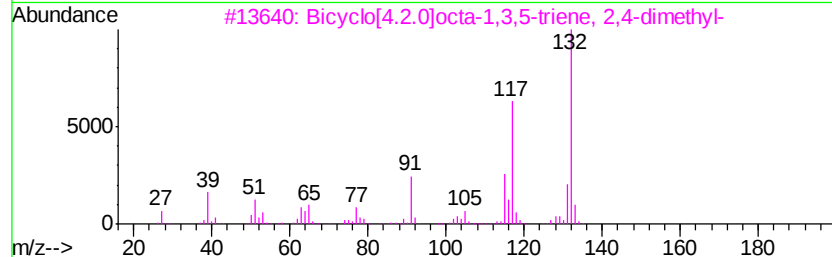
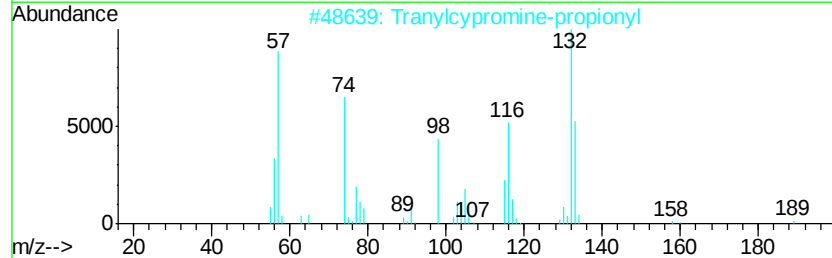
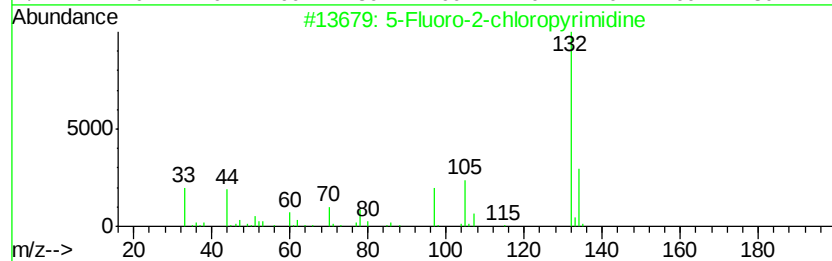
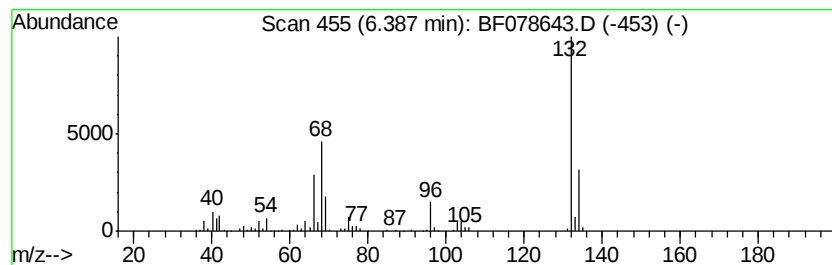
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	72.83 ng	679265	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



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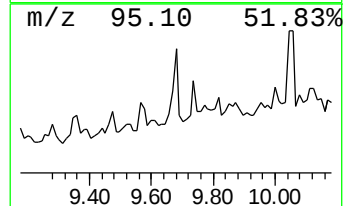
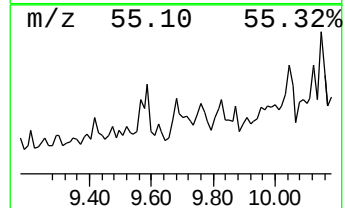
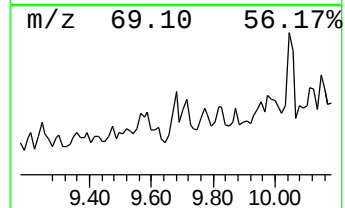
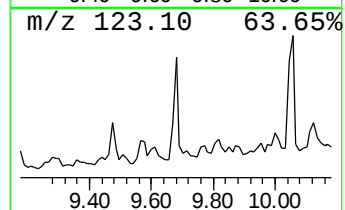
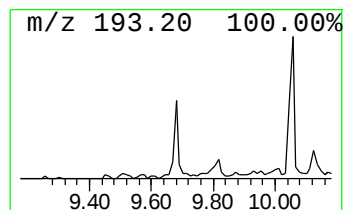
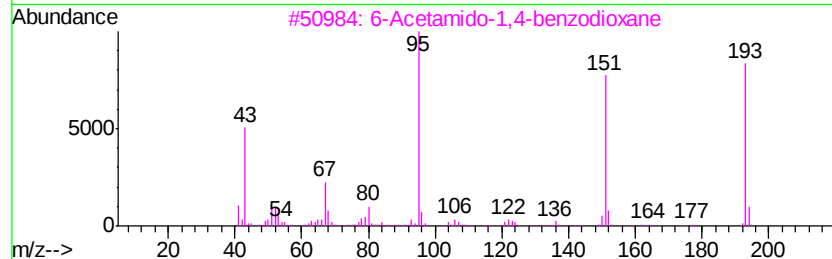
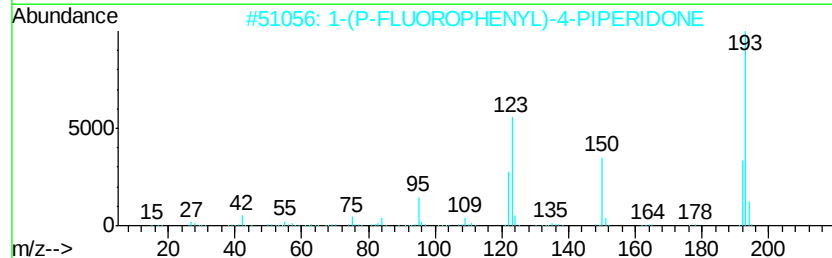
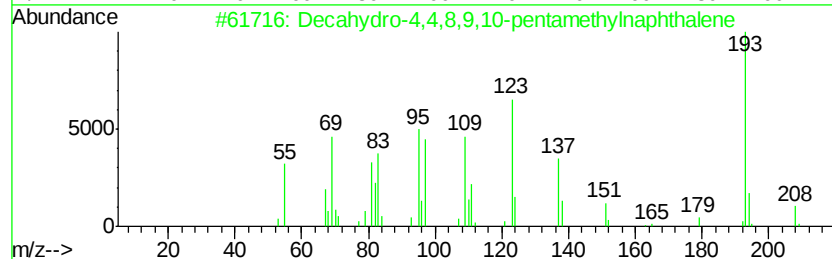
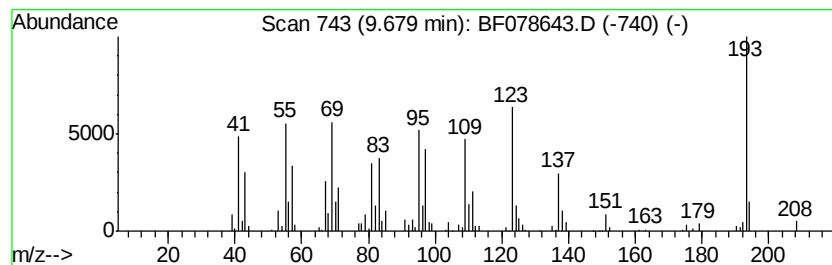
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.68 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	11.38 ng	173569	Acenaphthene-d10	10.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	45
2			1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
3			6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	35
4			2-Anthracenamine	193	C14H11N	000613-13-8	25
5			2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	25



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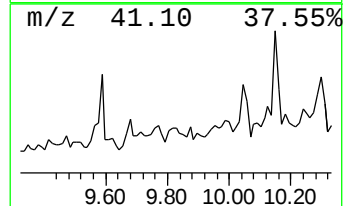
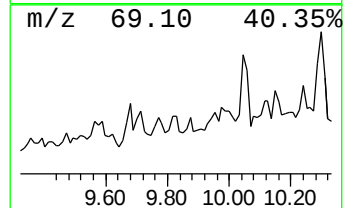
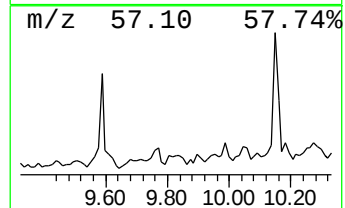
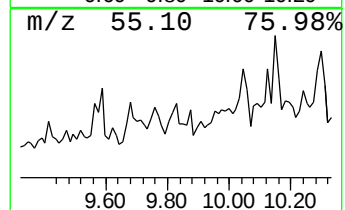
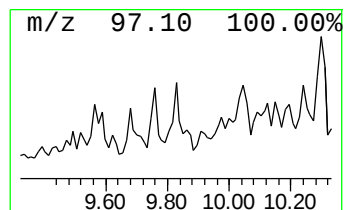
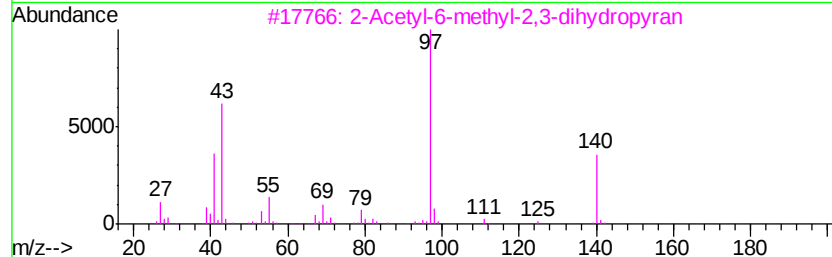
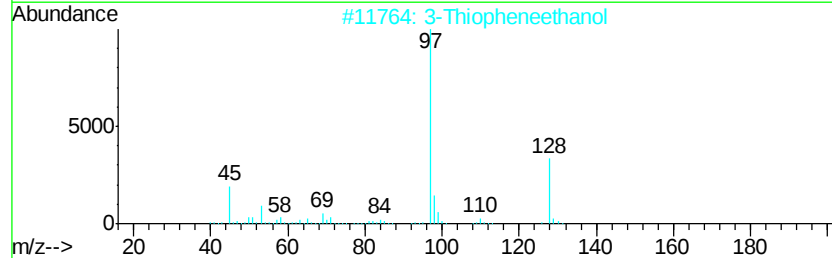
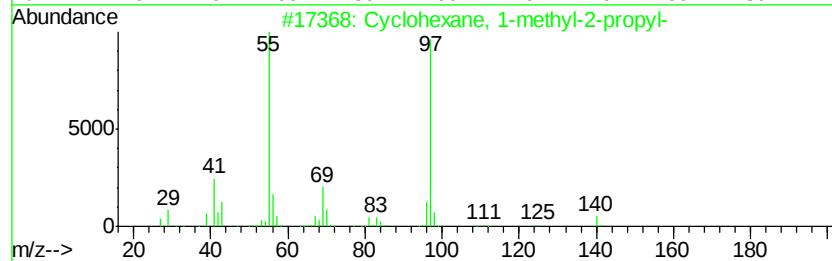
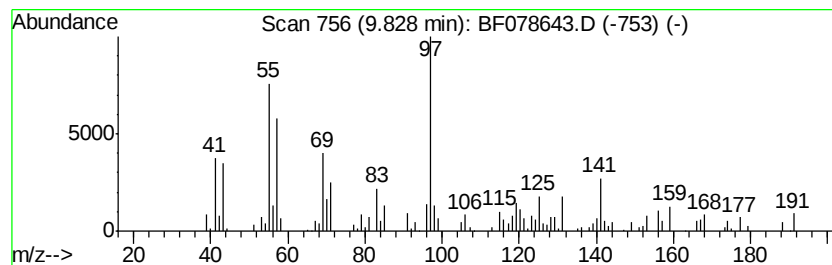
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.83 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	8.36 ng	127399	Acenaphthene-d10	10.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	41
2			3-Thiopheneethanol	128	C6H8OS	013781-67-4	38
3			2-Acetyl-6-methyl-2,3-dihydropyran	140	C8H12O2	028450-02-4	38
4			Cyclohexane, 1-methyl-4-(1-methyl...	168	C12H24	054411-00-6	38
5			4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

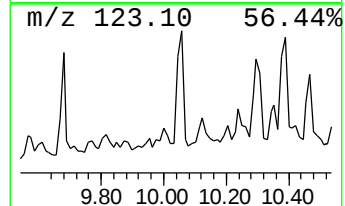
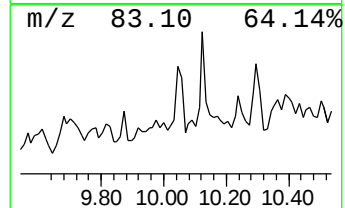
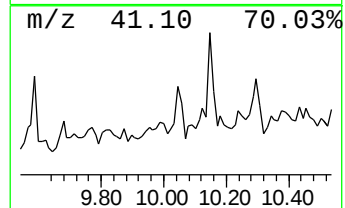
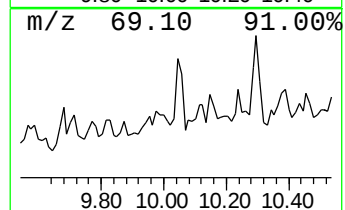
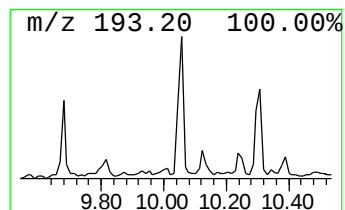
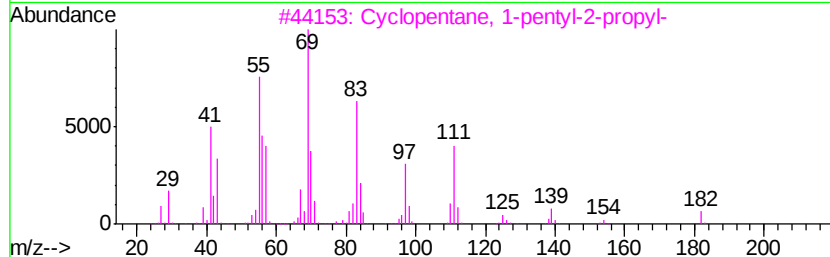
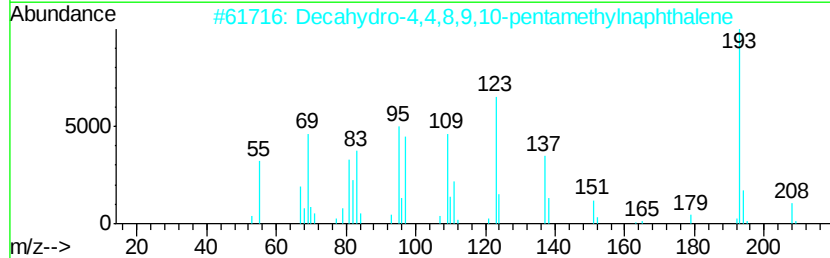
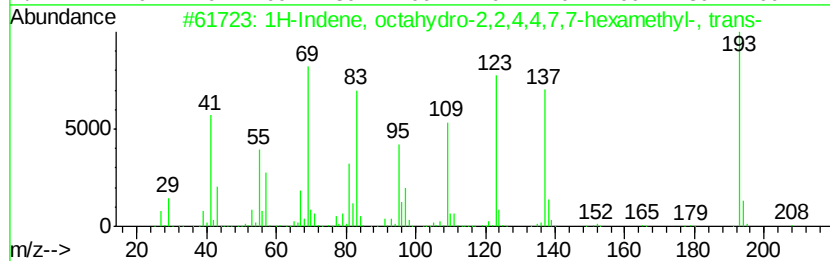
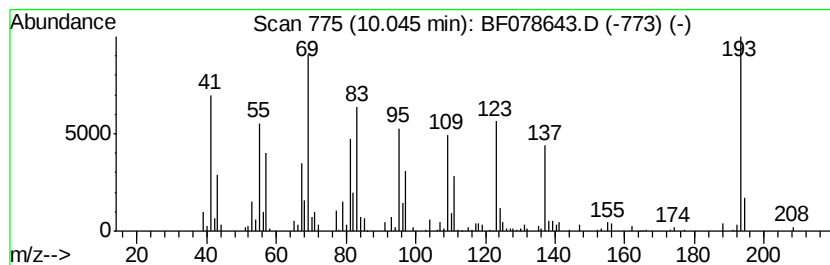
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, octahydro-2,2,4,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	16.89 ng	257597	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	64
2		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	37
3		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	27
4		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	25
5		Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

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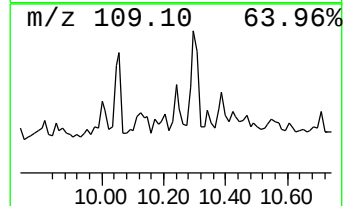
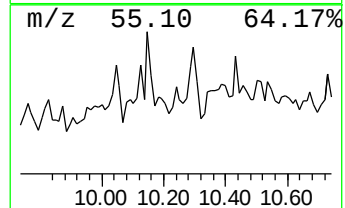
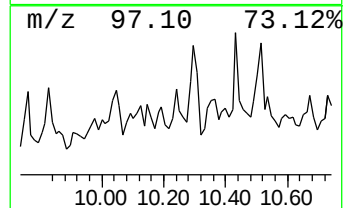
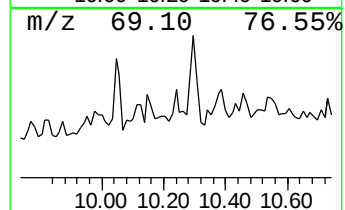
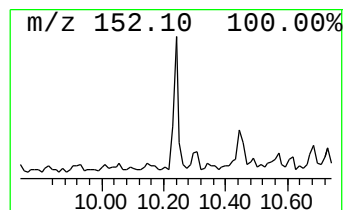
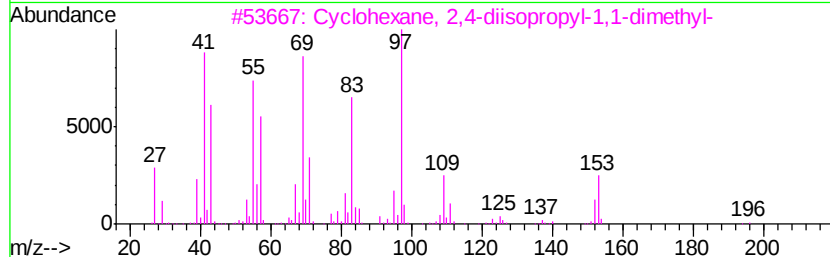
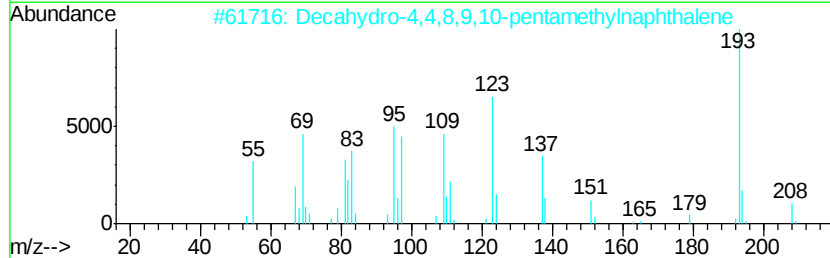
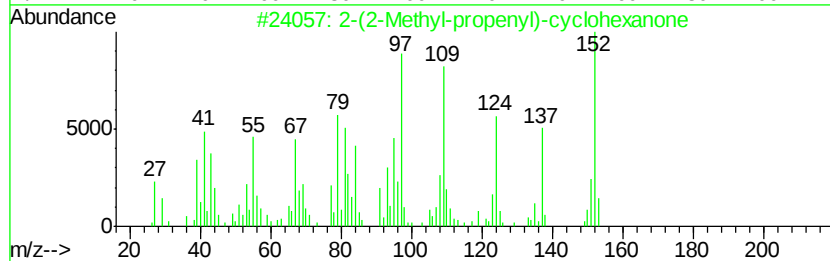
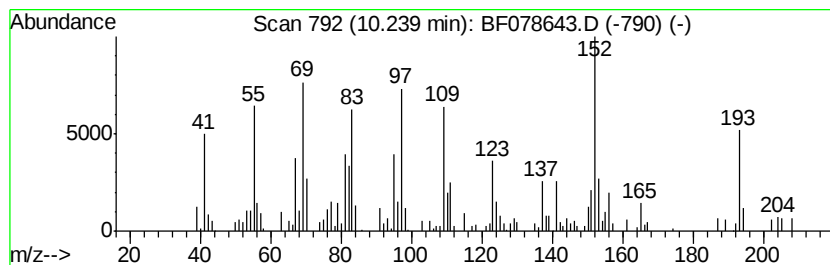
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.24 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	9.68 ng	147650	Acenaphthene-d10	10.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(2-Methyl-propenyl)-cyclohexanone	152	C10H16O	065737-44-2	49
2			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	35
4			Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	30
5			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

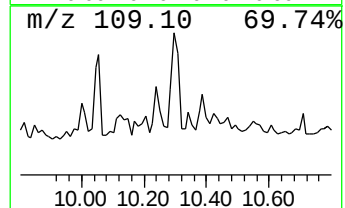
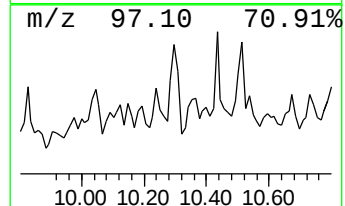
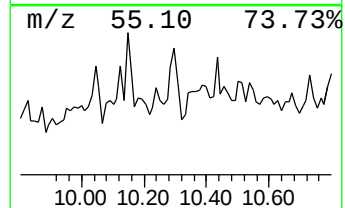
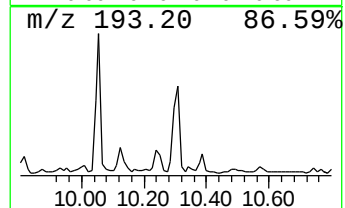
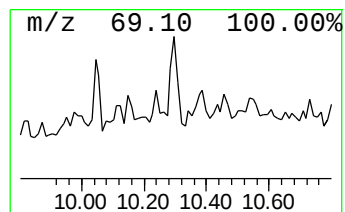
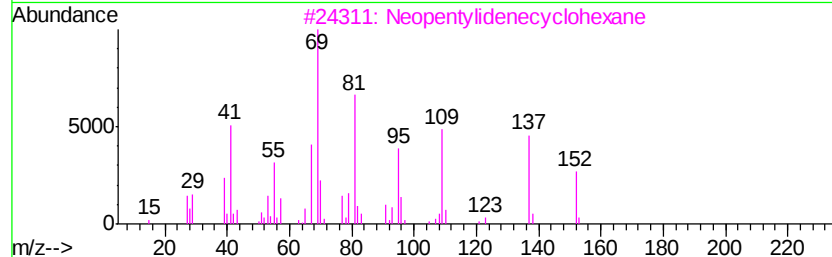
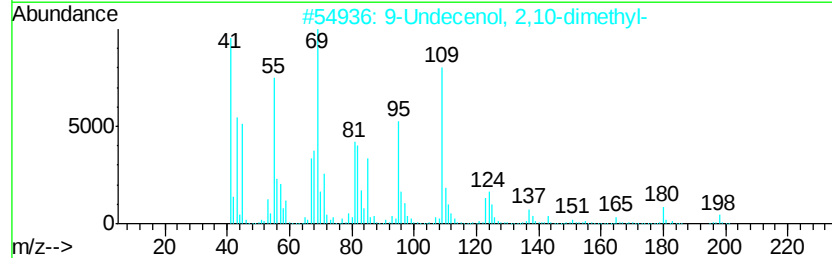
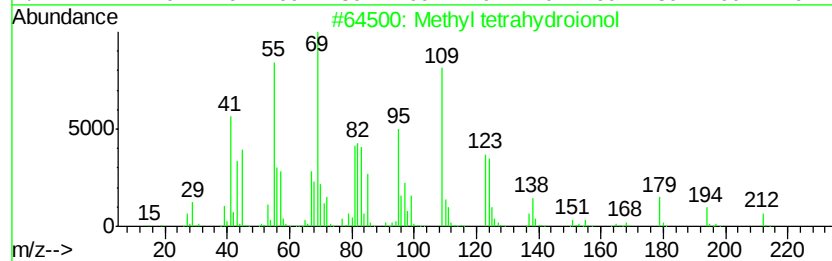
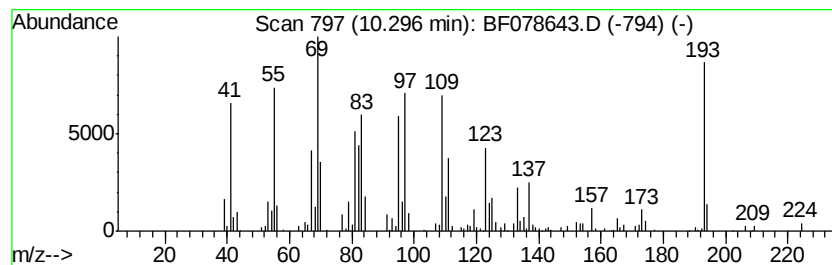
Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.30 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	24.07 ng	366932	Acenaphthene-d10	10.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl tetrahydroionol	212 C14H28O	060241-53-4 47
2		9-Undecenol, 2,10-dimethyl-	198 C13H26O	1000131-86-0 35
3		Neopentylidenecyclohexane	152 C11H20	039546-80-0 35
4		Cyclopentane, (2-methylpropyl)-	126 C9H18	003788-32-7 25
5		Oxiranecarboxaldehyde, 3-methyl-...	168 C10H16O2	016996-12-6 22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

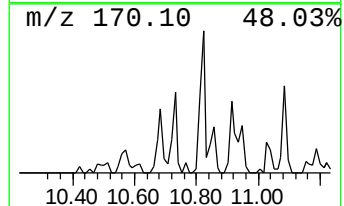
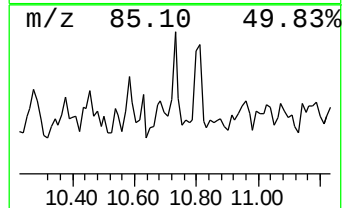
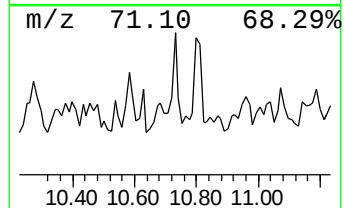
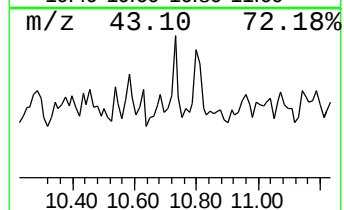
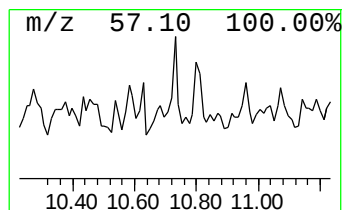
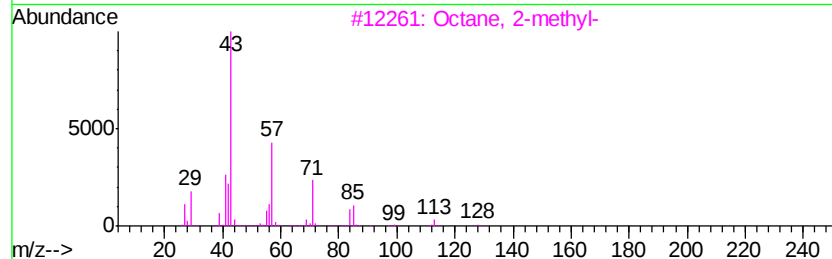
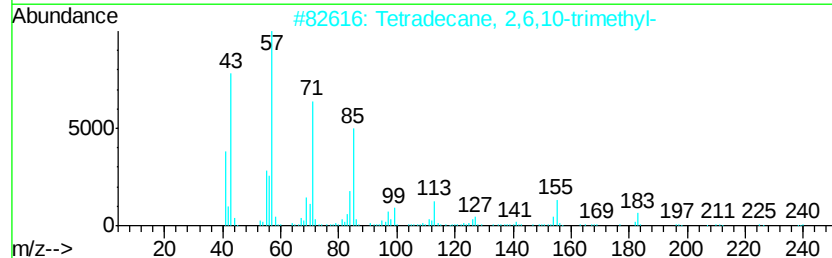
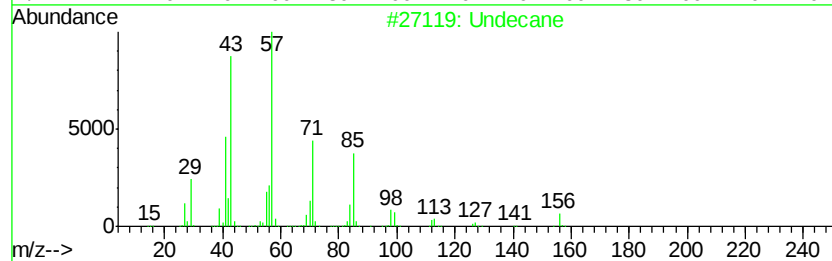
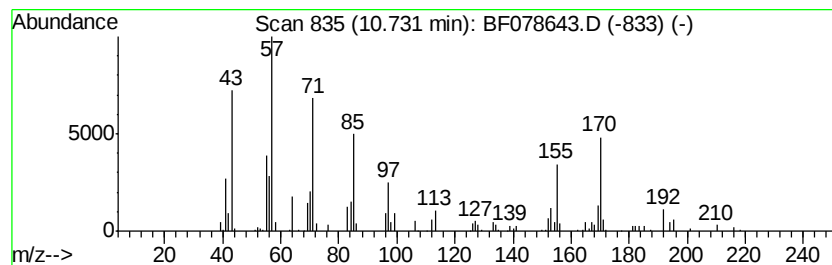
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.73 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.73	8.56 ng	130517	Acenaphthene-d10		10.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	42
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	38
3	Octane, 2-methyl-	128	C9H20	003221-61-2	38
4	Octacosane	394	C28H58	000630-02-4	35
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

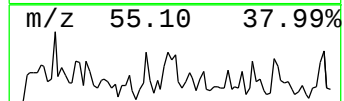
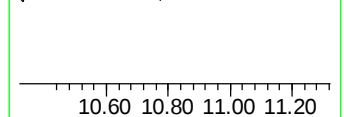
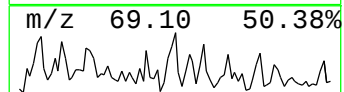
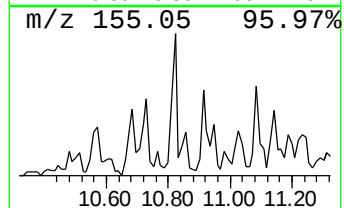
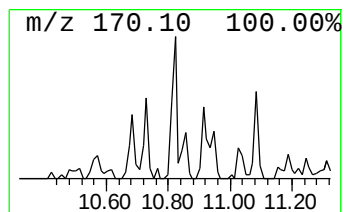
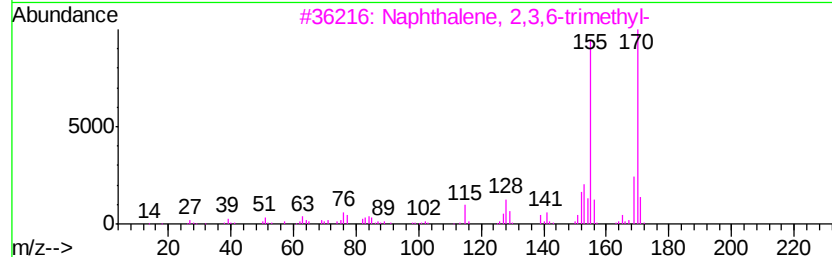
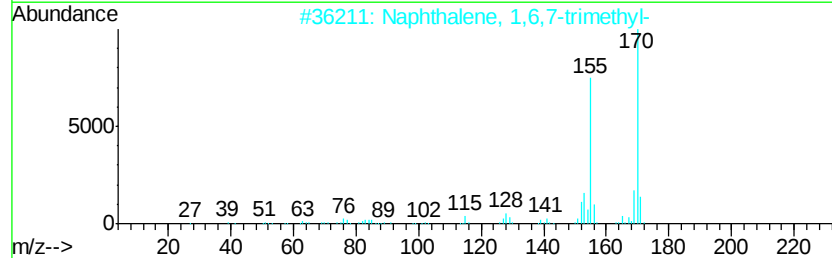
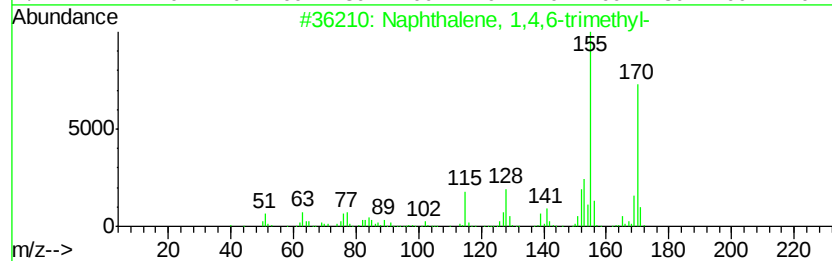
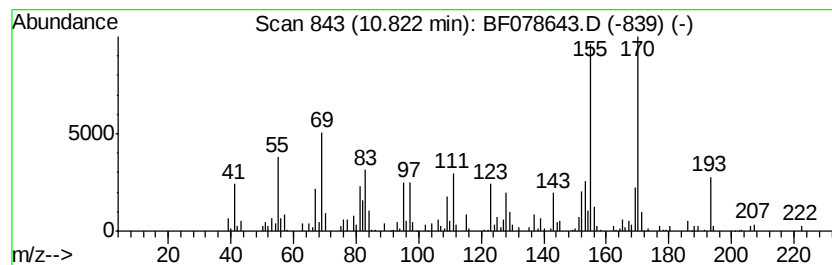
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	16.47 ng	251051	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

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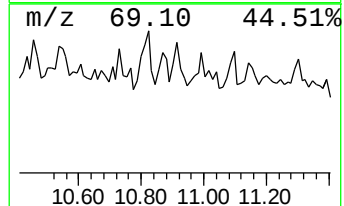
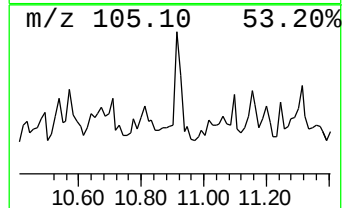
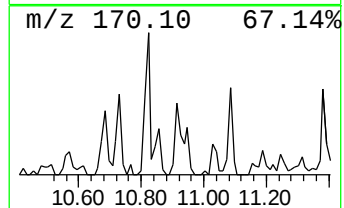
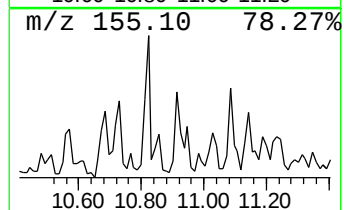
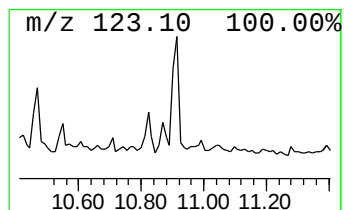
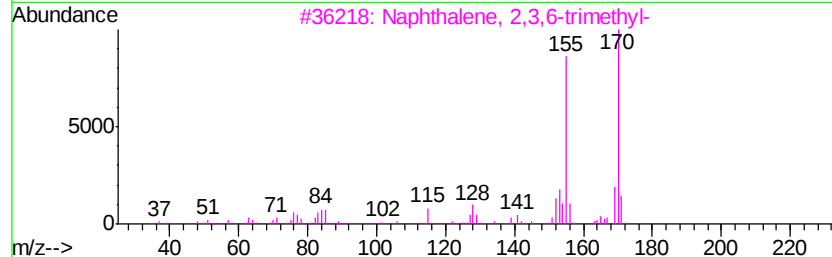
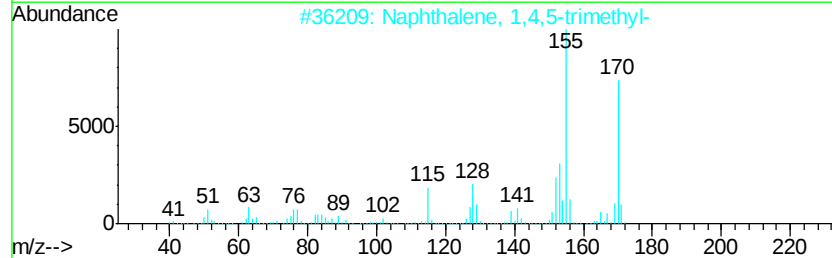
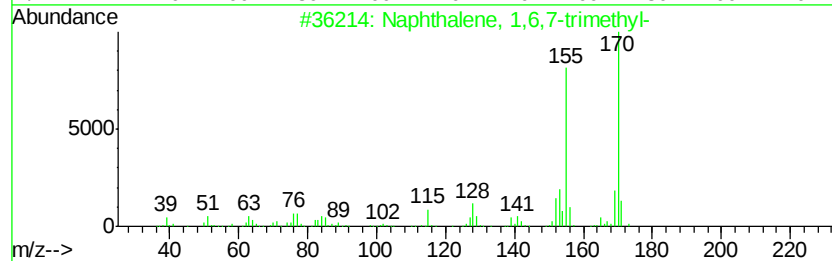
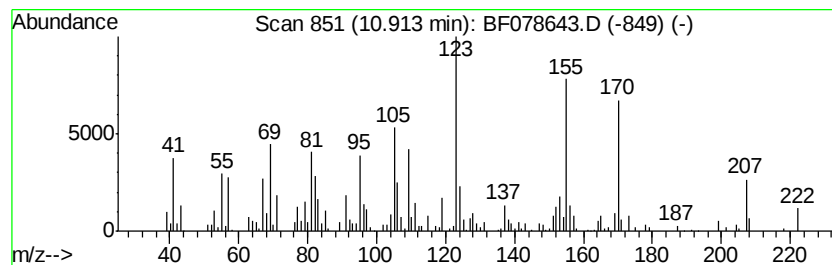
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	8.54 ng	130281	Acenaphthene-d10	10.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	52
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	51
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	45
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

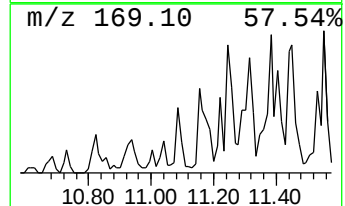
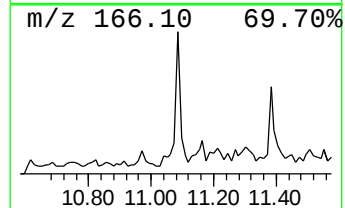
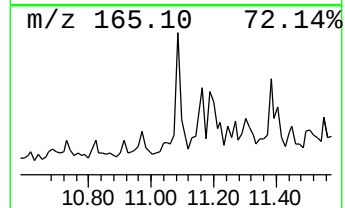
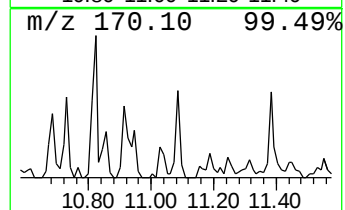
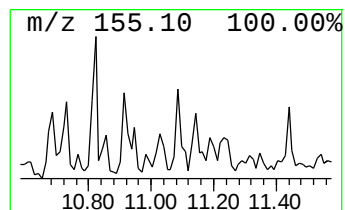
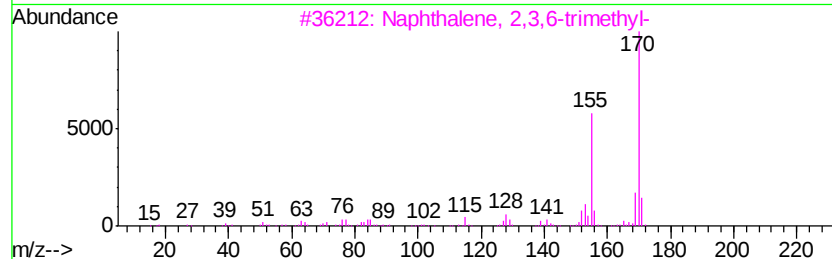
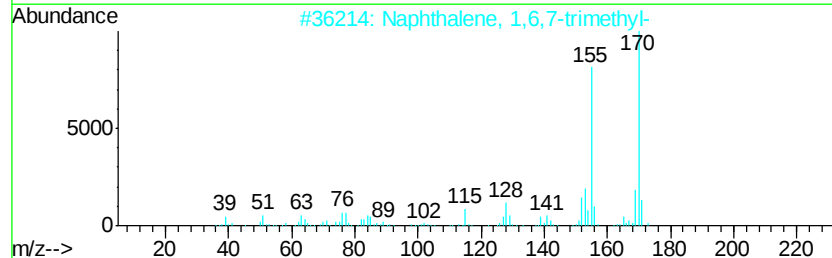
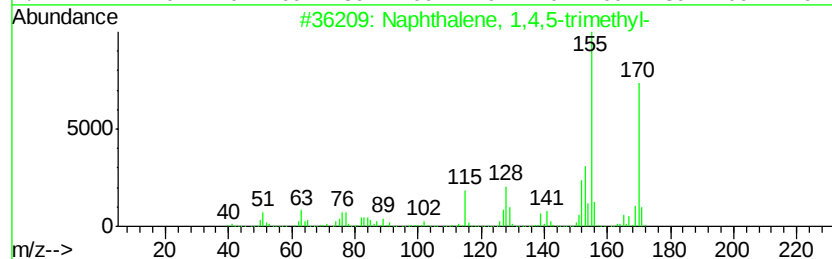
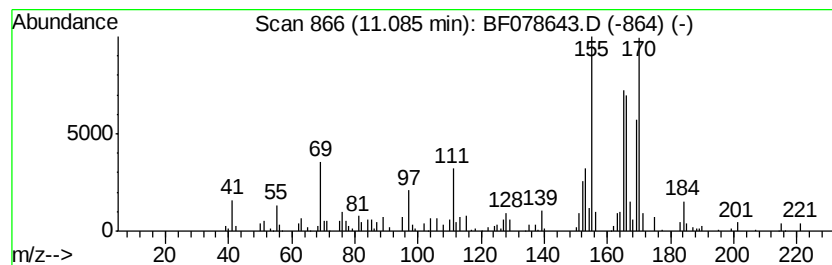
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	9.70 ng	147970	Acenaphthene-d10	10.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	49
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LS-SB18A

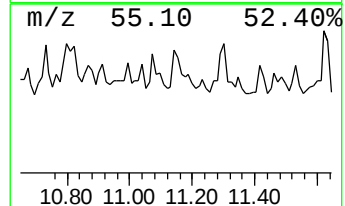
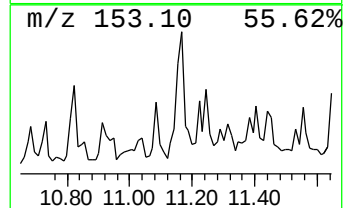
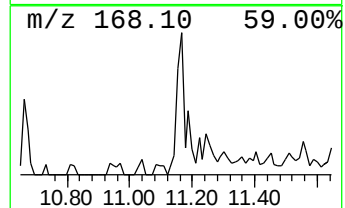
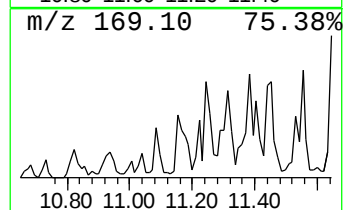
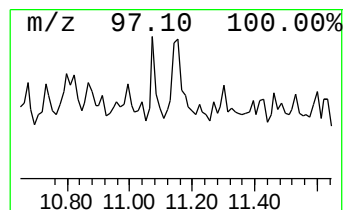
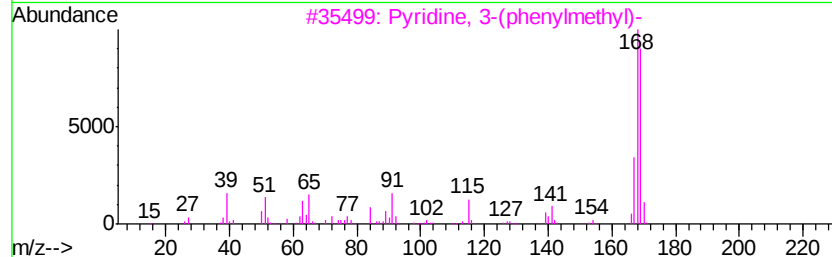
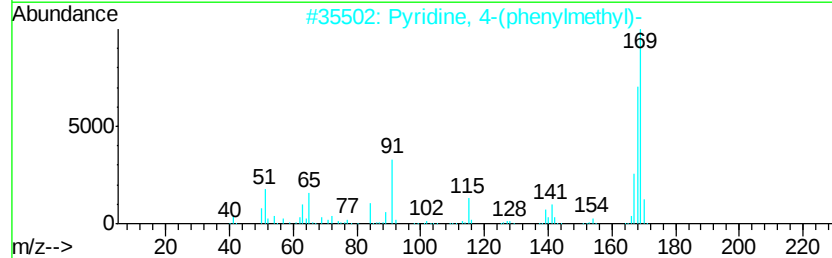
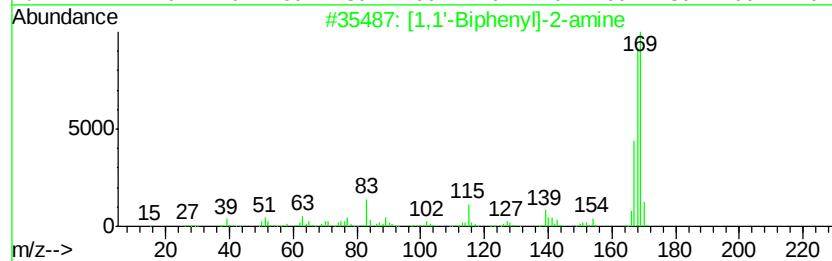
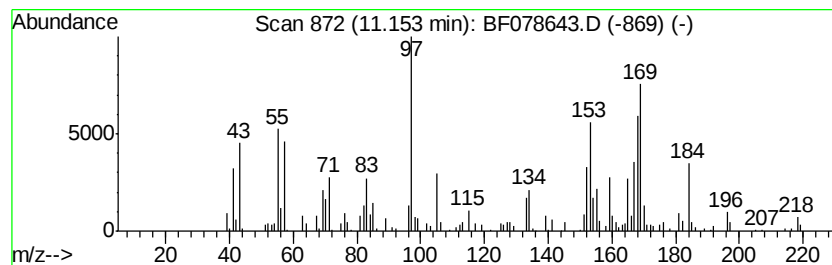
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown11.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	12.57 ng	191704	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	38
2		Pyridine, 4-(phenylmethyl)-	169	C12H11N	002116-65-6	38
3		Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	30
4		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	25
5		2-p-Tolylpyridine	169	C12H11N	004467-06-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
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ClientSampleId :
LS-SB18A

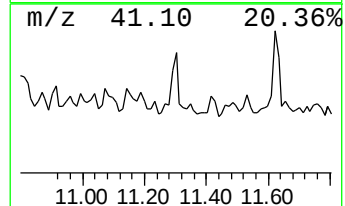
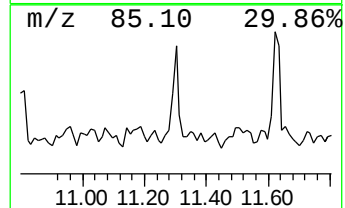
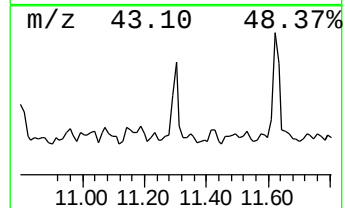
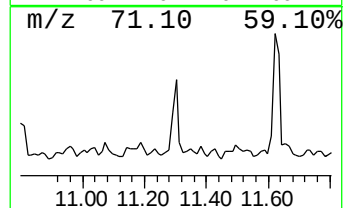
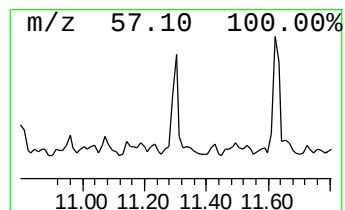
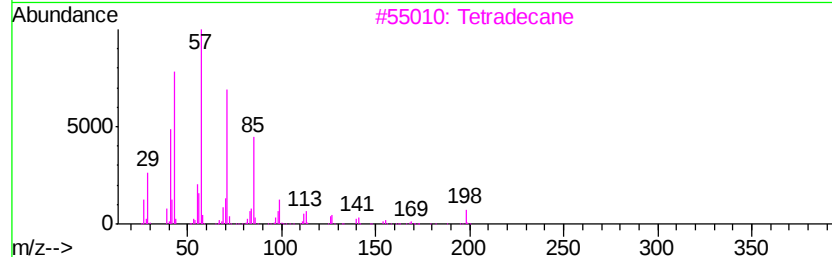
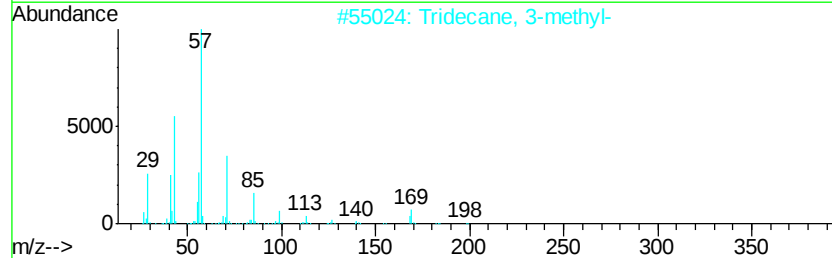
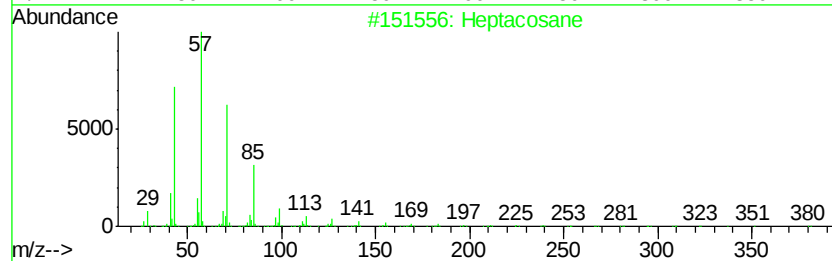
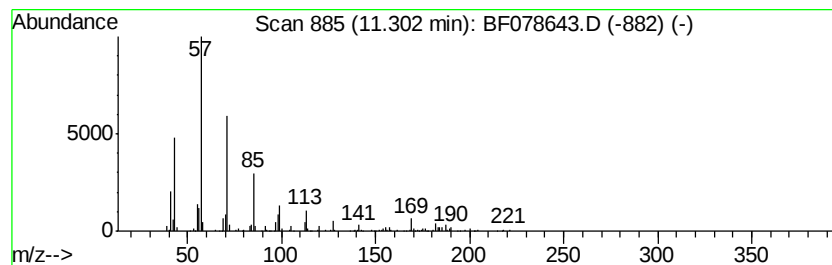
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	16.75 ng	255391	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	78
3		Tetradecane	198	C14H30	000629-59-4	64
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LS-SB18A

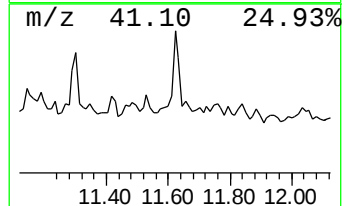
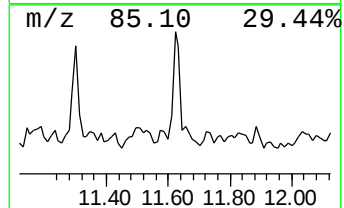
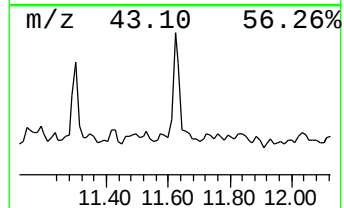
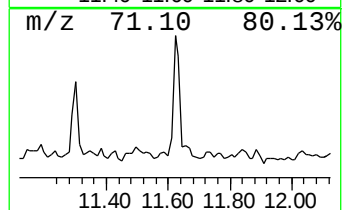
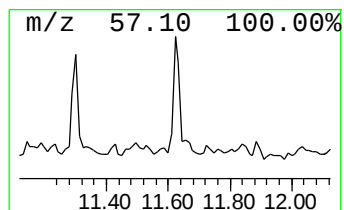
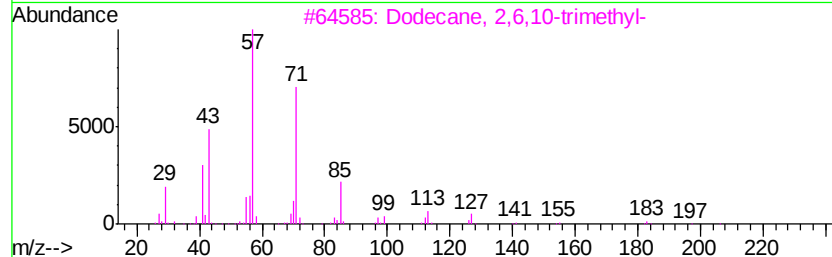
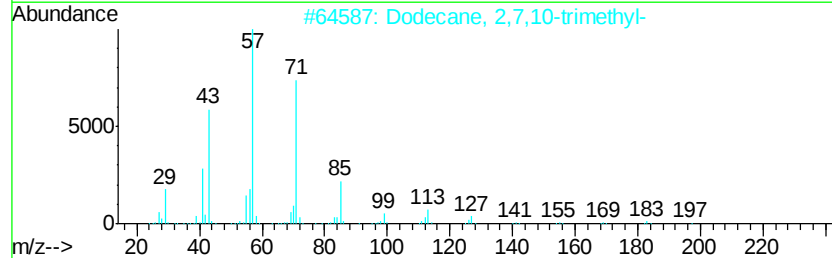
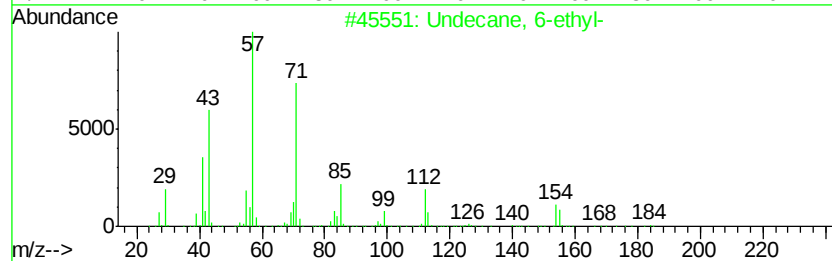
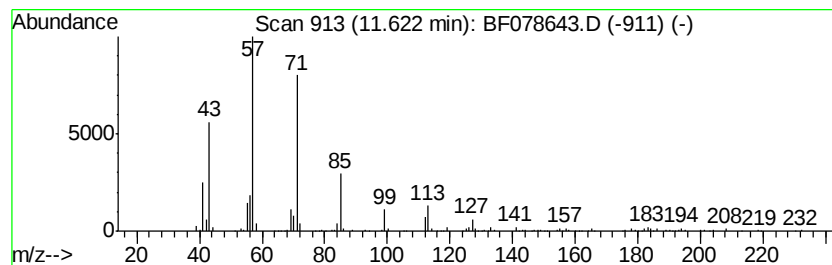
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	28.25 ng	436455	Phenanthrene-d10	12.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LS-SB18A

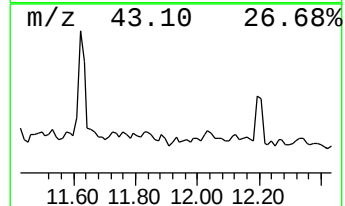
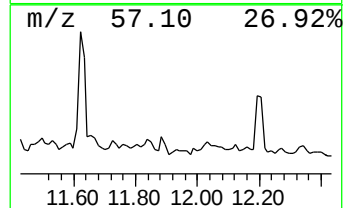
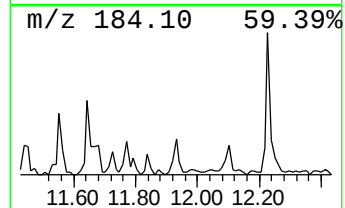
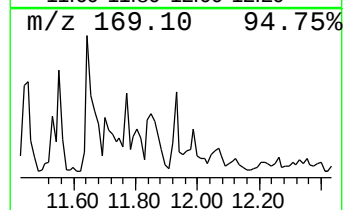
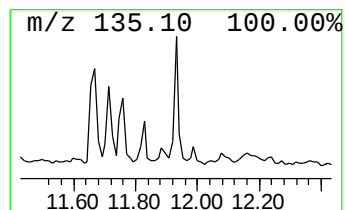
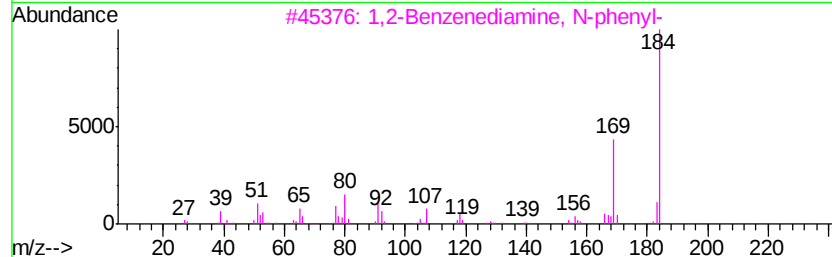
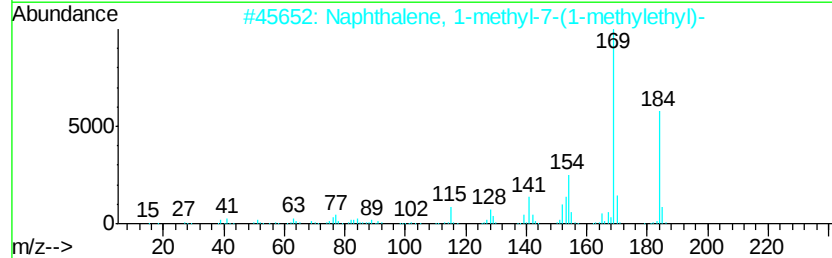
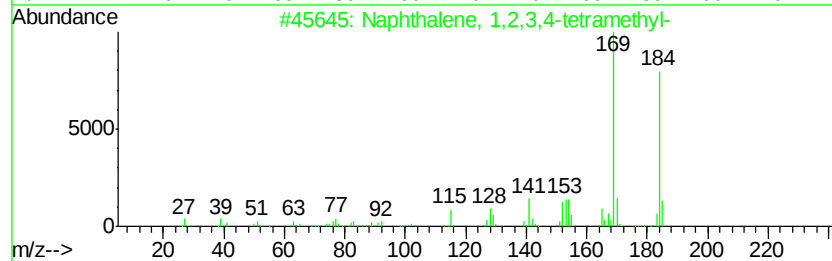
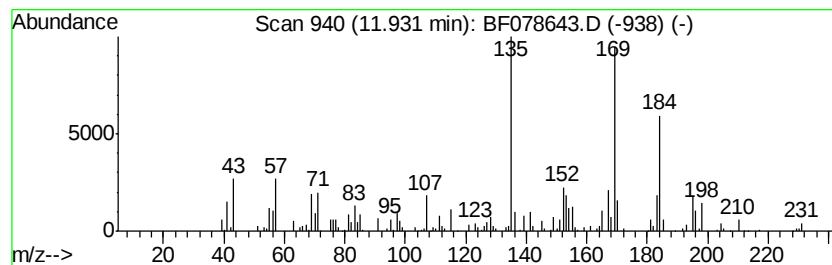
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.93 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	8.18 ng	126336	Phenanthrene-d10	12.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	45
2		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	43
3		1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	38
4		3,4-Dimethoxy-6-methylpovocatechol	184	C9H12O4	054826-79-8	35
5		Ethanone, 1-(5-chloro-2-hydroxy-...	184	C9H9ClO2	028480-70-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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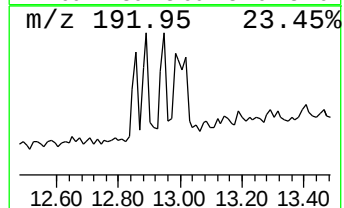
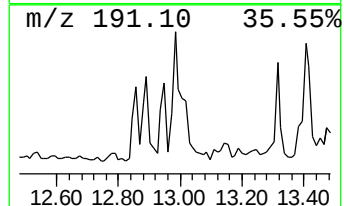
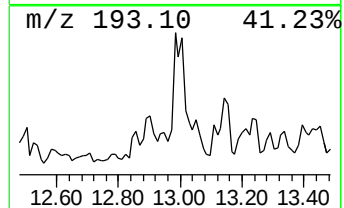
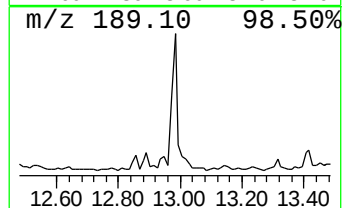
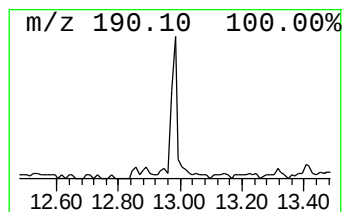
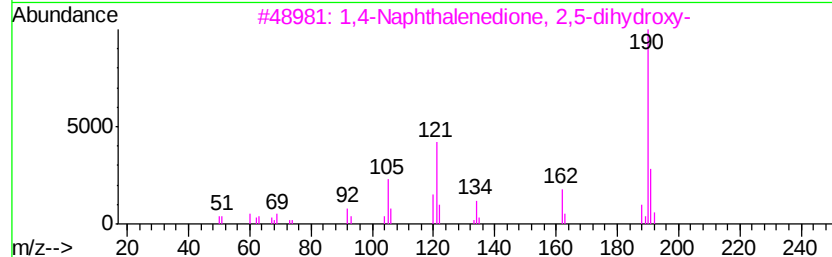
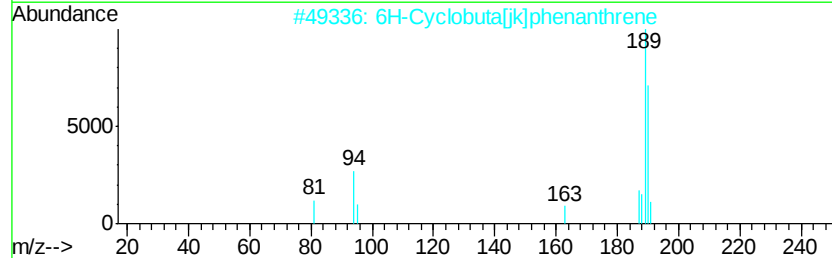
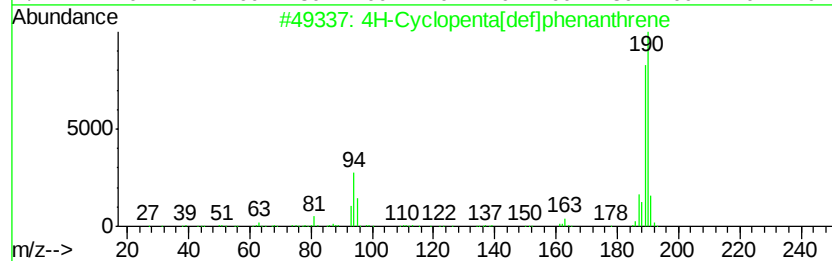
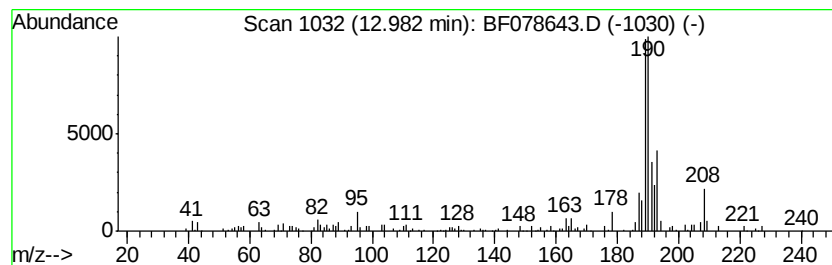
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.98	9.36 ng	144675	Phenanthrene-d10	12.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16
4	Cyclohexanone, 2-(2-furanvlmethy...	190	C12H14O2	056053-07-7	14
5	2-Methyl-2,3,4,5,6,7-hexahydro-1...	189	C13H19N	078838-08-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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Acq On : 18 Apr 2015 14:16
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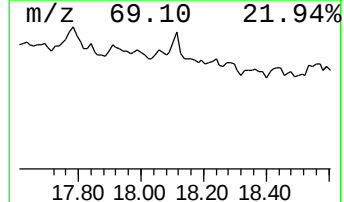
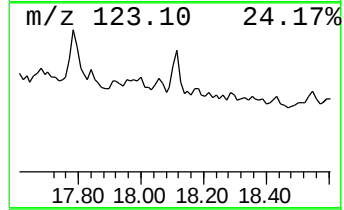
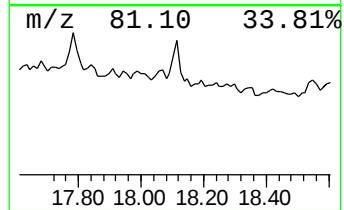
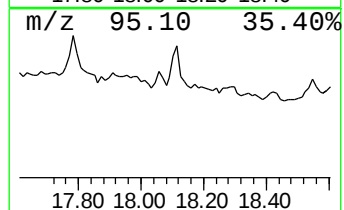
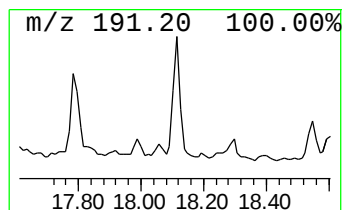
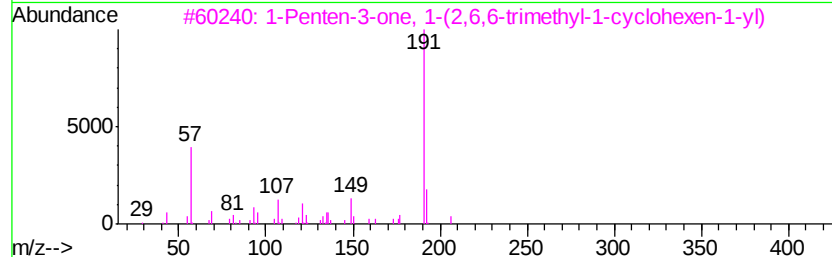
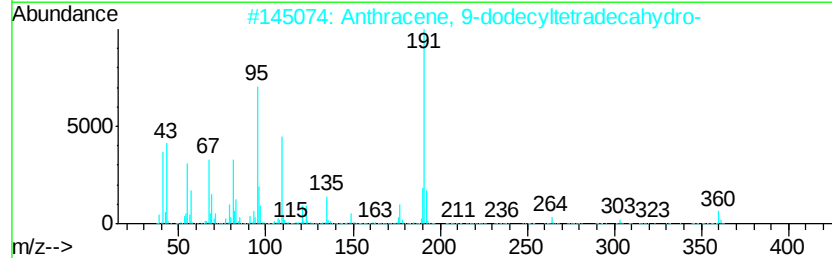
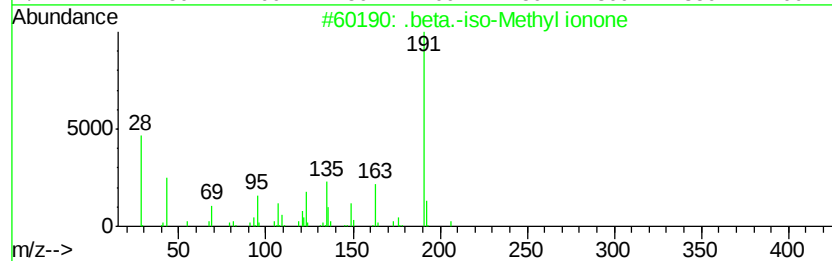
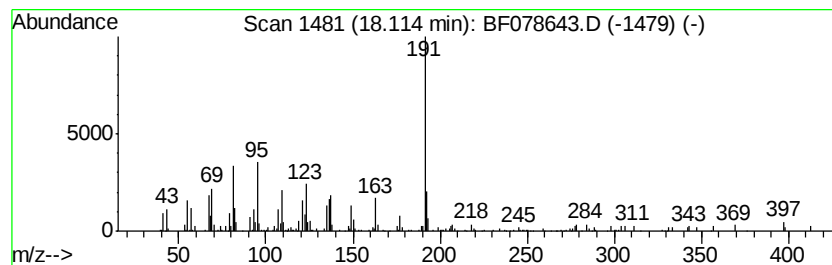
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	8.97 ng	195870	Perylene-d12	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
2		Anthracene, 9-dodecyltetradeca-hy...	360	C26H48	055401-75-7	53
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
4		Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	43
5		9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078643.D
 Acq On : 18 Apr 2015 14:16
 Operator : TP/IZ
 Sample : G1902-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB18A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.27	9.2 ng		85669	1	6.67	186540	20.0
unknown6.39	6.39	72.8 ng		679265	1	6.67	186540	20.0
unknown9.68	9.68	11.4 ng		173569	3	10.41	304945	20.0
unknown9.83	9.83	8.4 ng		127399	3	10.41	304945	20.0
1H-Indene, octahy...	10.04	16.9 ng		257597	3	10.41	304945	20.0
unknown10.24	10.24	9.7 ng		147650	3	10.41	304945	20.0
unknown10.30	10.30	24.1 ng		366932	3	10.41	304945	20.0
unknown10.73	10.73	8.6 ng		130517	3	10.41	304945	20.0
Naphthalene, 1,4,...	10.82	16.5 ng		251051	3	10.41	304945	20.0
Naphthalene, 1,6,...	10.91	8.5 ng		130281	3	10.41	304945	20.0
unknown11.08	11.08	9.7 ng		147970	3	10.41	304945	20.0
unknown11.15	11.15	12.6 ng		191704	3	10.41	304945	20.0
Heptacosane	11.30	16.8 ng		255391	3	10.41	304945	20.0
Undecane, 6-ethyl-	11.62	28.3 ng		436455	4	12.23	308983	20.0
unknown11.93	11.93	8.2 ng		126336	4	12.23	308983	20.0
4H-Cyclopenta[def...	12.98	9.4 ng		144675	4	12.23	308983	20.0
.beta.-iso-Methyl...	18.11	9.0 ng		195870	6	17.18	436624	20.0