

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086329.D
 Acq On : 21 Apr 2016 1:01
 Operator : UM/SJ
 Sample : H2601-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)G

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-BF042016.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	5.047	256	259	267	rBV	1079447	1476402	12.81%	0.857%
2	5.470	293	296	298	rBV	4216362	4986289	43.27%	2.894%
3	6.499	384	386	389	rBV	3425058	4376802	37.98%	2.540%
4	6.636	395	398	400	rBV	4724923	4830025	41.92%	2.803%
5	6.864	416	418	425	rBV	1349234	1341235	11.64%	0.778%
6	7.025	429	432	434	rBV	3950062	3843803	33.36%	2.231%
7	7.127	439	441	445	rBV	189309	247205	2.15%	0.143%
8	7.425	465	467	470	rBV	1855880	2830501	24.56%	1.643%
9	7.905	504	509	510	rBV2	84261	140444	1.22%	0.082%
10	7.939	510	512	517	rVB	71241	153796	1.33%	0.089%
11	8.156	528	531	535	rBV2	1102314	2079186	18.04%	1.207%
12	8.808	584	588	591	rBV4	57564	137810	1.20%	0.080%
13	8.865	591	593	596	rVB	373596	328116	2.85%	0.190%
14	8.968	599	602	604	rVB	246173	297867	2.58%	0.173%
15	9.230	622	625	627	rBV	4331416	4135126	35.89%	2.400%
16	9.310	630	632	636	rVB2	77383	167024	1.45%	0.097%
17	9.493	645	648	650	rBV	203969	287218	2.49%	0.167%
18	9.562	652	654	656	rBV	378908	472869	4.10%	0.274%
19	9.619	658	659	663	rVB2	389559	469462	4.07%	0.272%
20	9.676	663	664	667	rVB	138931	218693	1.90%	0.127%
21	9.768	669	672	674	rBV	1193087	1149022	9.97%	0.667%
22	9.905	681	684	685	rBV	1445271	1396709	12.12%	0.811%
23	9.939	685	687	689	rVB	1140283	987409	8.57%	0.573%
24	10.065	695	698	700	rBV3	94860	161446	1.40%	0.094%
25	10.111	700	702	704	rBV	698399	713808	6.19%	0.414%
26	10.145	704	705	709	rVB	224299	229534	1.99%	0.133%
27	10.225	709	712	713	rBV	175242	230555	2.00%	0.134%
28	10.316	717	720	721	rBV2	133883	243750	2.12%	0.141%
29	10.339	721	722	725	rVB2	207779	217996	1.89%	0.127%
30	10.419	725	729	730	rBV4	83529	150657	1.31%	0.087%
31	10.453	730	732	735	rVB	1232134	1264180	10.97%	0.734%
32	10.533	735	739	740	rBV2	154875	406765	3.53%	0.236%
33	10.556	740	741	744	rVV2	126201	177550	1.54%	0.103%
34	10.613	744	746	750	rVB2	288417	474314	4.12%	0.275%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
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35	10.693	750	753	756	rBV	2258206	2609748	22.65%	1.515%
36	10.819	762	764	767	rVB	383816	524215	4.55%	0.304%
37	11.002	776	780	781	rBV2	370094	537527	4.66%	0.312%
38	11.151	789	793	795	rBV2	286284	469479	4.07%	0.272%
39	11.196	795	797	799	rVB	500718	501715	4.35%	0.291%
40	11.242	799	801	802	rBV	179757	242738	2.11%	0.141%
41	11.288	803	805	808	rVB	727218	800775	6.95%	0.465%
42	11.425	812	817	819	rBV2	5878648	9122705	79.17%	5.295%
43	11.471	819	821	822	rVV	3013664	2996605	26.01%	1.739%
44	11.494	822	823	825	rVB2	314557	379231	3.29%	0.220%
45	11.619	831	834	838	rBV2	829101	1450308	12.59%	0.842%
46	11.688	838	840	841	rVV	437918	411511	3.57%	0.239%
47	11.722	841	843	845	rVV2	434771	462298	4.01%	0.268%
48	11.802	849	850	852	rVB	252158	227369	1.97%	0.132%
49	11.894	855	858	859	rBV	1532767	1608152	13.96%	0.933%
50	11.916	859	860	863	rVB	1680061	1869943	16.23%	1.085%
51	11.962	863	864	866	rBV	551268	745093	6.47%	0.432%
52	12.008	866	868	872	rVB2	2319546	3884262	33.71%	2.254%
53	12.099	872	876	877	rBV4	230568	422997	3.67%	0.246%
54	12.191	881	884	889	rVB2	902008	1952257	16.94%	1.133%
55	12.339	894	897	898	rBV2	342279	550907	4.78%	0.320%
56	12.362	898	899	903	rVB2	410052	822404	7.14%	0.477%
57	12.442	903	906	907	rBV	1109271	1294891	11.24%	0.752%
58	12.476	907	909	912	rVB3	643645	1037069	9.00%	0.602%
59	12.534	912	914	917	rVB2	896179	1074901	9.33%	0.624%
60	12.614	917	921	923	rBV	6146379	10458978	90.77%	6.070%
61	12.671	923	926	927	rVB2	287330	492348	4.27%	0.286%
62	12.694	927	928	930	rVB	324830	385828	3.35%	0.224%
63	12.751	930	933	938	rBV3	655302	1289807	11.19%	0.749%
64	12.842	938	941	943	rBV	5635669	11523083	100.00%	6.688%
65	12.888	943	945	947	rVB2	642808	1001481	8.69%	0.581%
66	12.979	948	953	956	rBV3	3142786	4761277	41.32%	2.763%
67	13.048	956	959	963	rBV3	986002	2137225	18.55%	1.240%
68	13.162	965	969	971	rVB	1982732	3018484	26.20%	1.752%
69	13.231	971	975	976	rBV	1350475	1661440	14.42%	0.964%
70	13.265	976	978	982	rVB2	1487595	2023724	17.56%	1.175%
71	13.322	982	983	984	rBV	267218	228121	1.98%	0.132%

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72	13.357	984	986	987	rVV	842831	714009	6.20%	0.414%
73	13.391	987	989	994	rVB2	794611	1155056	10.02%	0.670%
74	13.471	994	996	998	rVB3	226528	320006	2.78%	0.186%
75	13.562	1000	1004	1007	rBV5	418435	1385876	12.03%	0.804%
76	13.665	1009	1013	1017	rBV2	1005181	1670911	14.50%	0.970%
77	13.779	1020	1023	1024	rBV	1304113	1729391	15.01%	1.004%
78	13.802	1024	1025	1027	rVV	783725	1508373	13.09%	0.875%
79	13.882	1030	1032	1036	rVB3	1221791	2204072	19.13%	1.279%
80	14.031	1041	1045	1047	rBV2	4145649	8829902	76.63%	5.125%
81	14.065	1047	1048	1051	rVB	3764061	3570743	30.99%	2.072%
82	14.134	1052	1054	1056	rBV2	698399	1126058	9.77%	0.654%
83	14.260	1063	1065	1066	rVB2	363789	482923	4.19%	0.280%
84	14.385	1074	1076	1077	rBV2	316946	555643	4.82%	0.323%
85	14.420	1077	1079	1080	rVV	1142864	1265743	10.98%	0.735%
86	14.454	1080	1082	1084	rVV2	542162	621743	5.40%	0.361%
87	14.500	1084	1086	1088	rVV3	647005	1086710	9.43%	0.631%
88	14.545	1088	1090	1093	rVB3	611787	1270162	11.02%	0.737%
89	14.728	1103	1106	1107	rBV2	271514	582641	5.06%	0.338%
90	14.808	1110	1113	1114	rBV	307252	488777	4.24%	0.284%
91	15.071	1132	1136	1140	rBV	2865539	7752208	67.28%	4.499%
92	15.128	1140	1141	1142	rVV	417821	431652	3.75%	0.251%
93	15.162	1142	1144	1149	rVB	890333	1321523	11.47%	0.767%
94	15.357	1158	1161	1164	rVB	1777887	2780280	24.13%	1.614%
95	15.425	1164	1167	1169	rVV	2671248	3853871	33.44%	2.237%
96	15.505	1169	1174	1178	rVB3	1045992	2318288	20.12%	1.346%
97	16.900	1292	1296	1300	rVB	1335786	3046074	26.43%	1.768%
98	17.060	1307	1310	1312	rBV	296359	668805	5.80%	0.388%
99	17.334	1329	1334	1341	rVB	1071891	2945335	25.56%	1.710%
100	17.540	1350	1352	1360	rVB2	375287	1000936	8.69%	0.581%

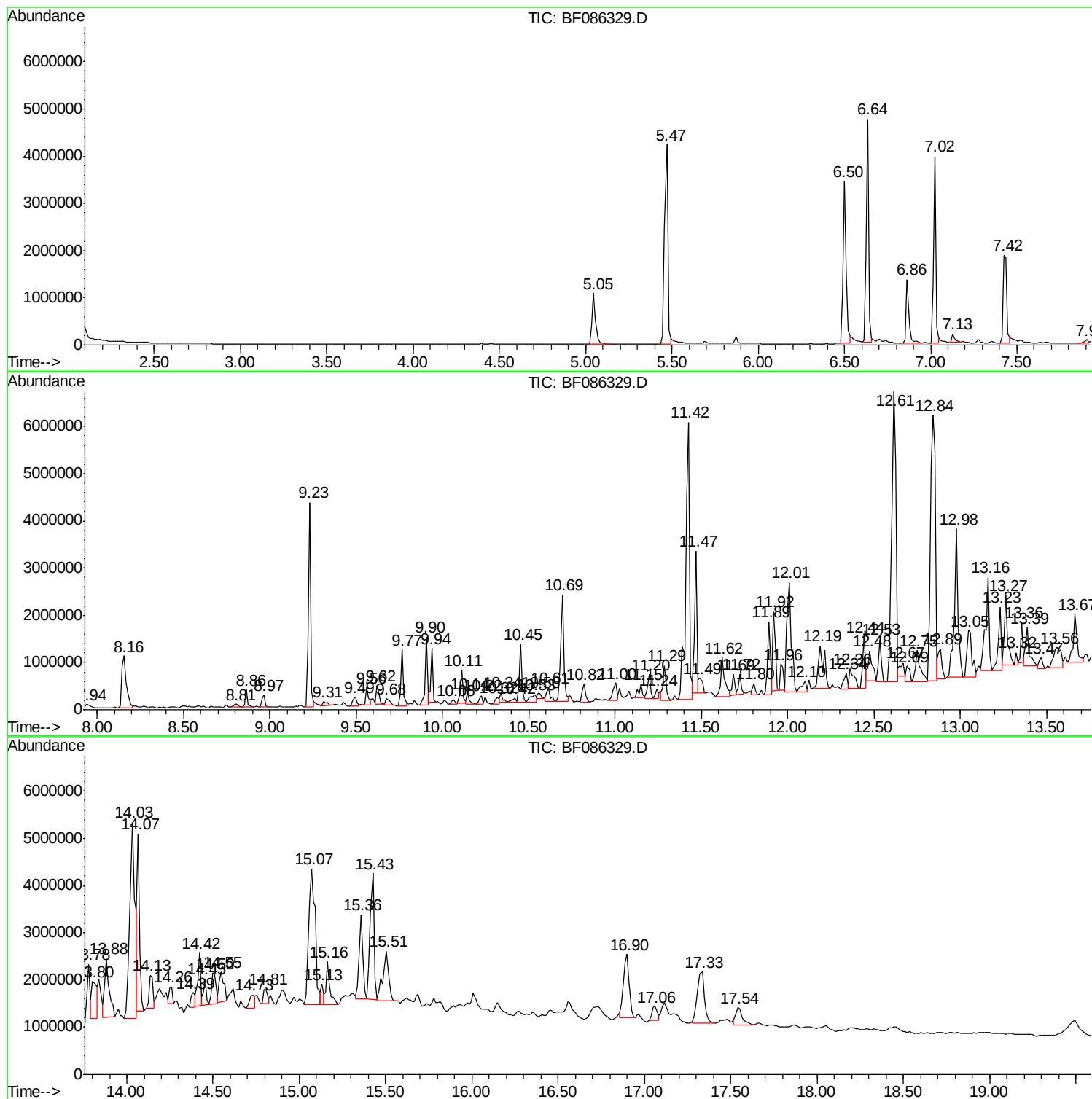
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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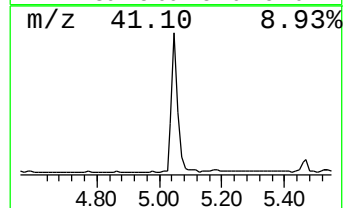
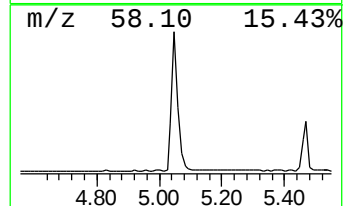
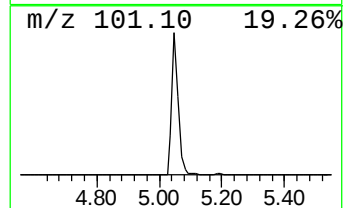
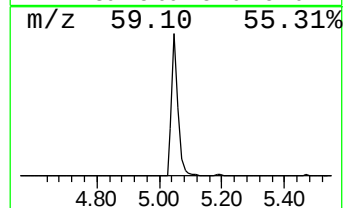
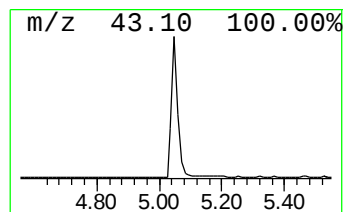
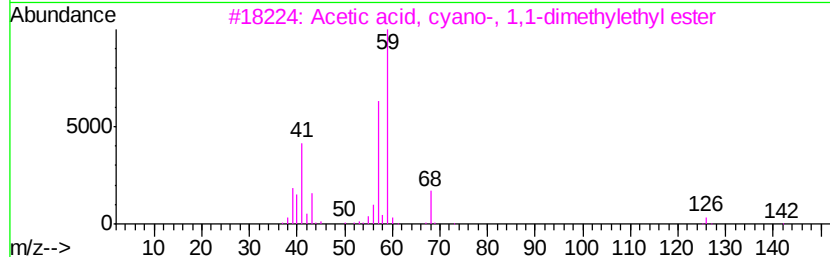
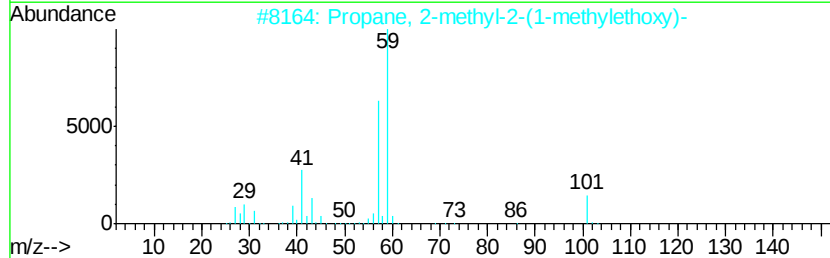
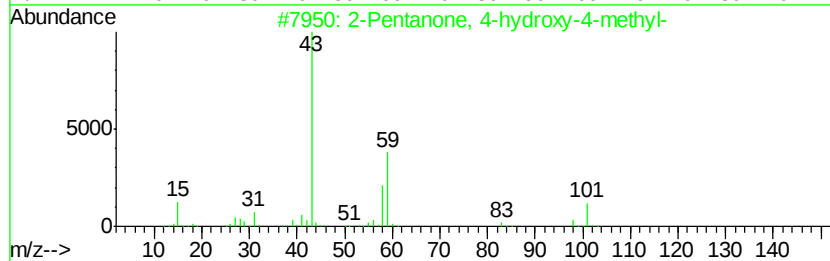
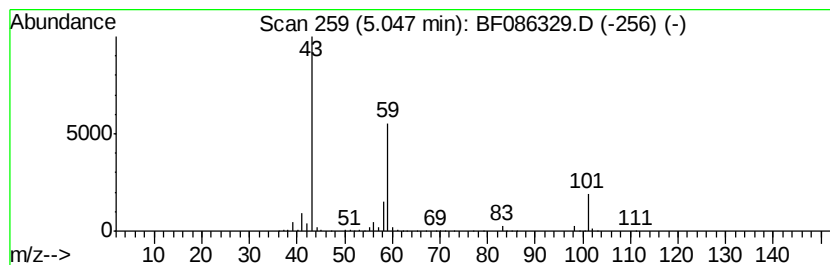
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	22.02 ng	1476400	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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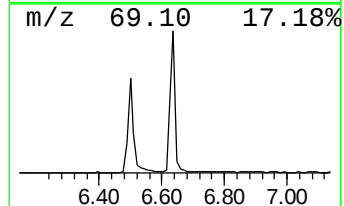
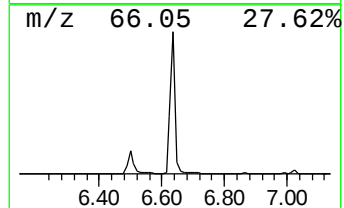
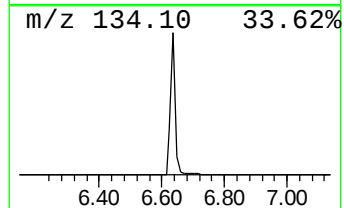
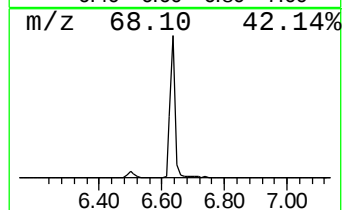
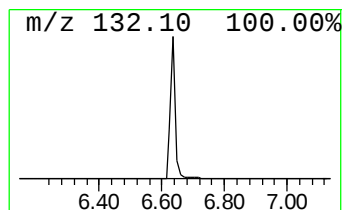
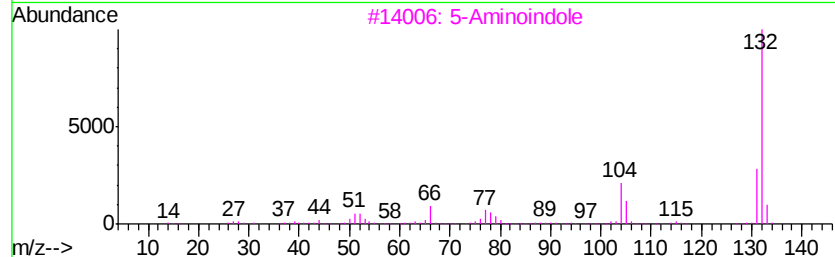
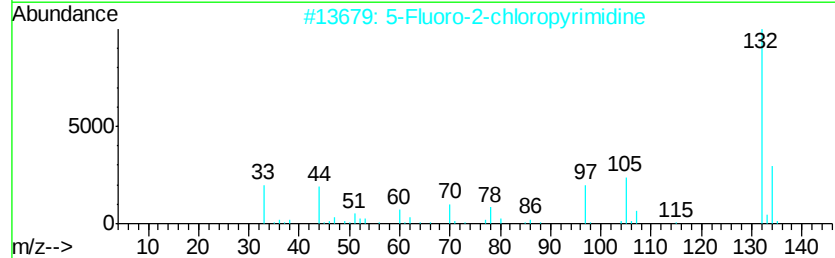
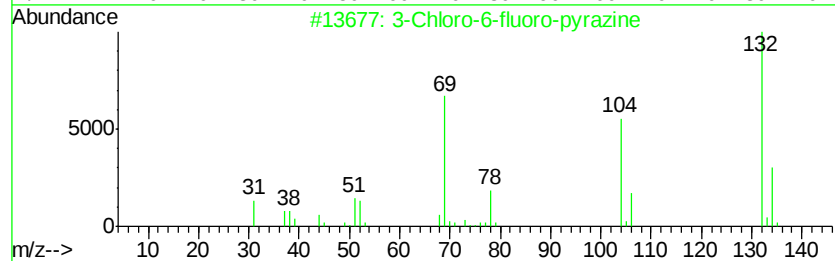
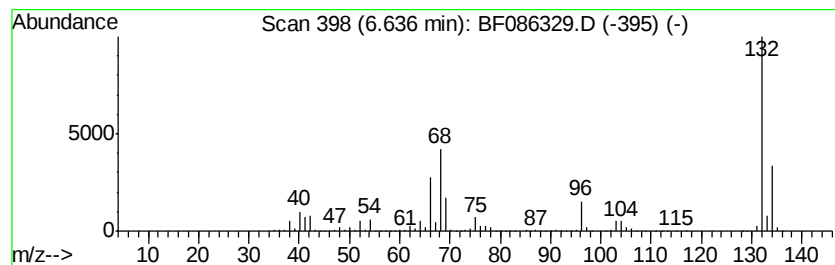
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	72.02 ng	4830030	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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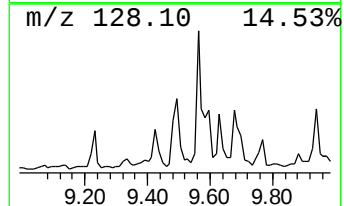
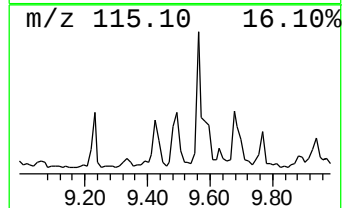
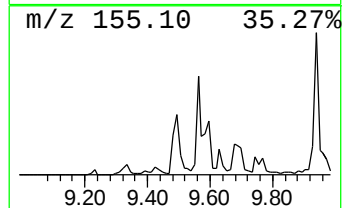
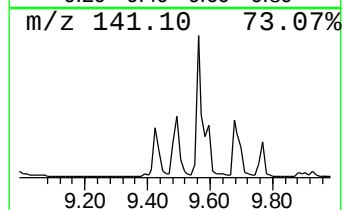
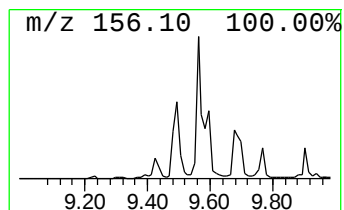
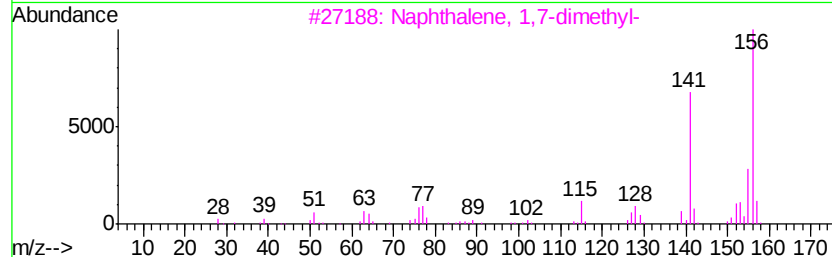
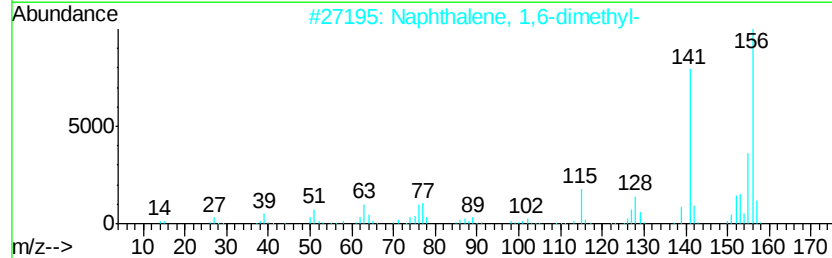
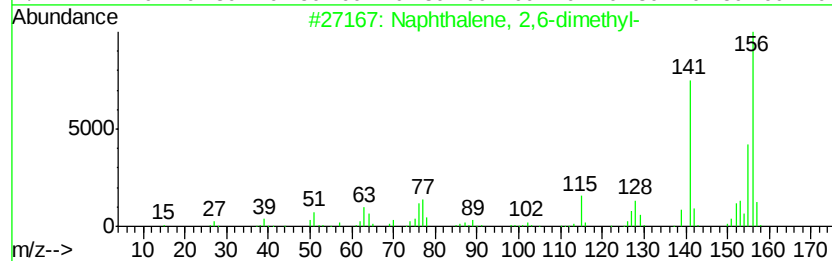
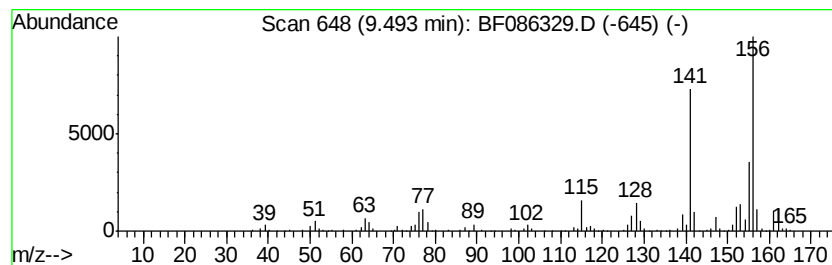
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.11 ng	287218	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086329.D
Acq On : 21 Apr 2016 1:01
Operator : UM/SJ
Sample : H2601-13
Misc :
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Instrument :
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ClientSampleId :
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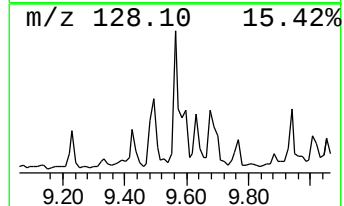
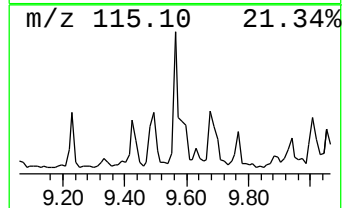
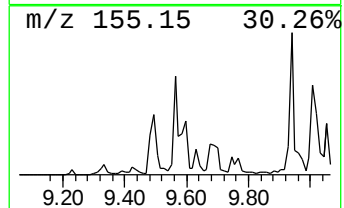
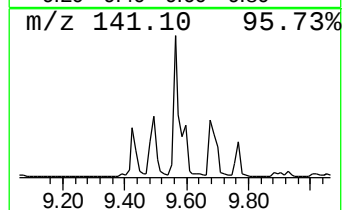
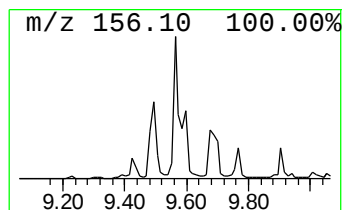
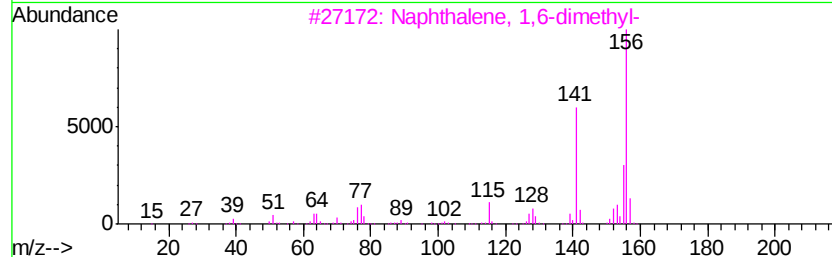
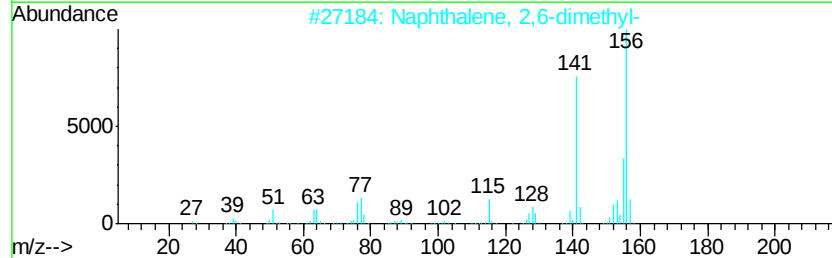
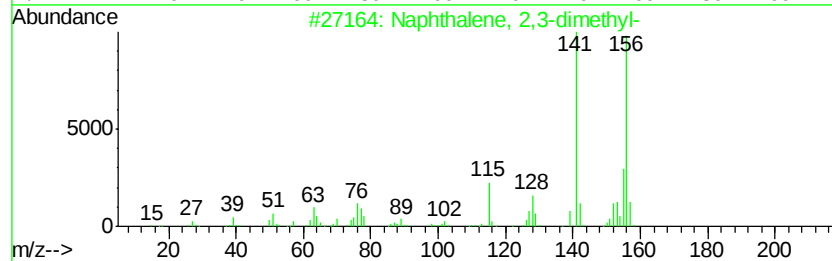
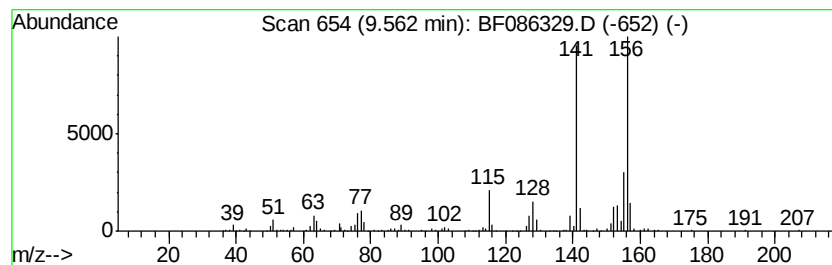
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	6.77 ng	472869	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Acq On : 21 Apr 2016 1:01
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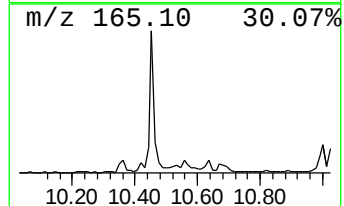
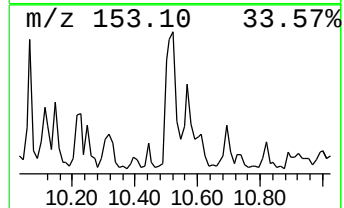
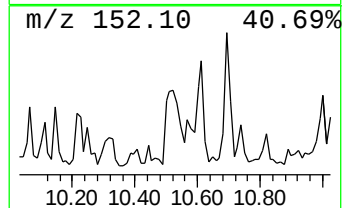
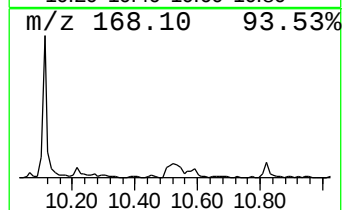
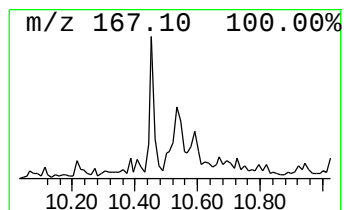
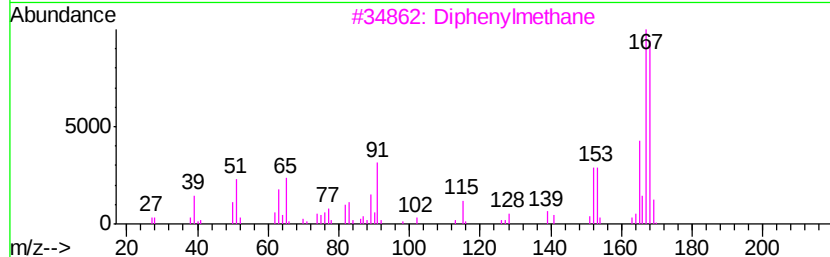
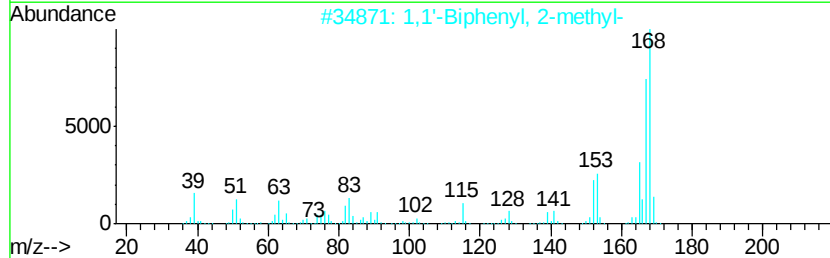
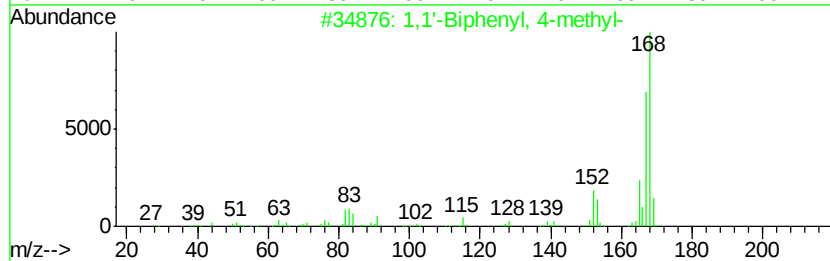
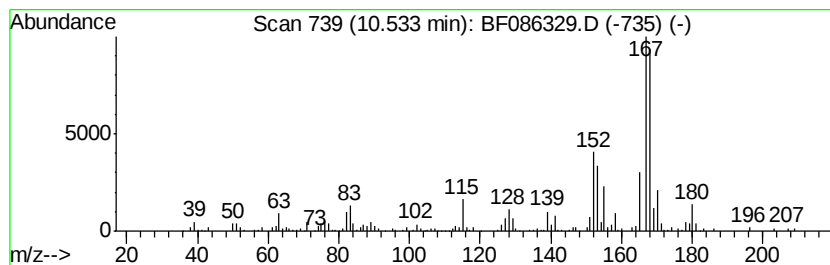
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.53	5.82 ng	406765	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	89
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
3	Diphenylmethane	168	C13H12	000101-81-5	76
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	68
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
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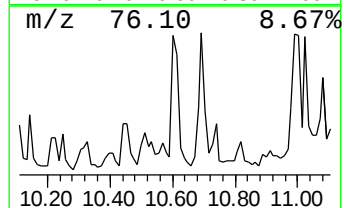
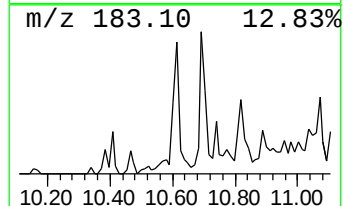
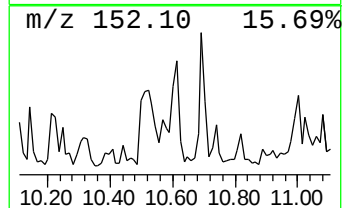
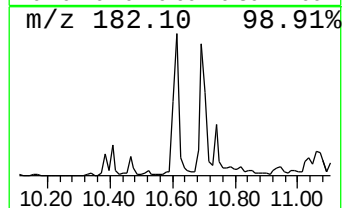
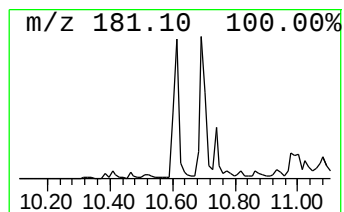
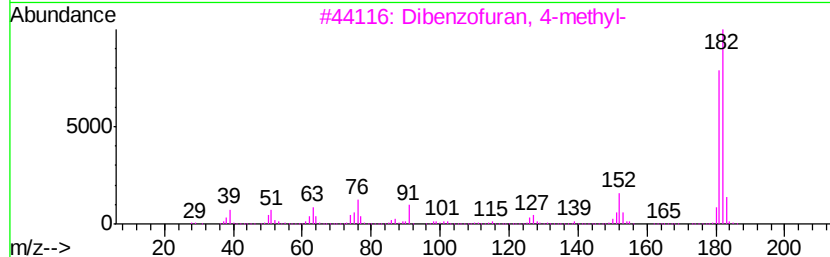
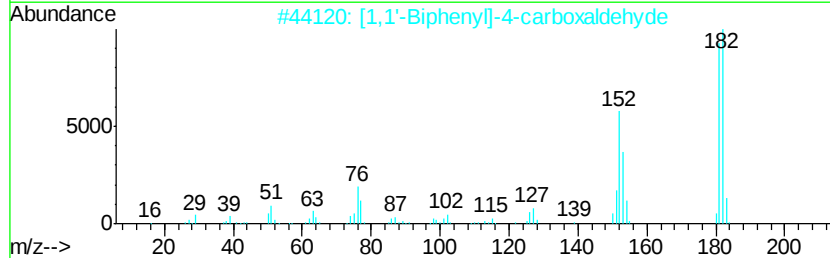
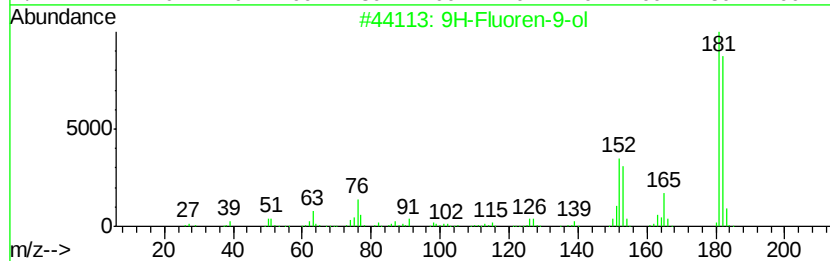
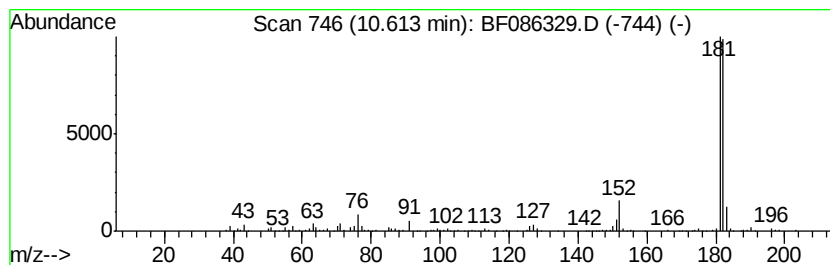
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluoren-9-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	6.79 ng	474314	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 78
2		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 78
3		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 76
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5 72
5		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182 C12H10N2	001135-32-6 72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086329.D
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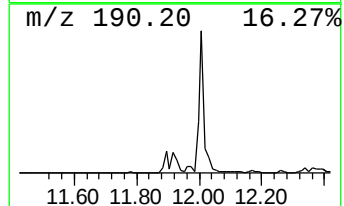
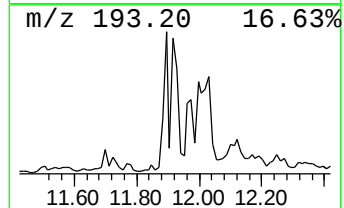
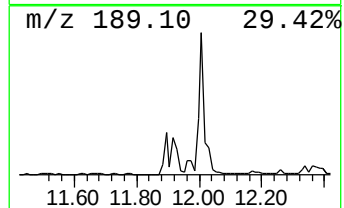
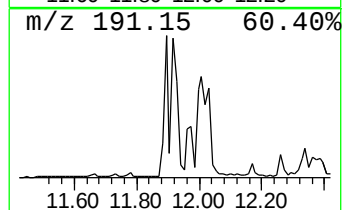
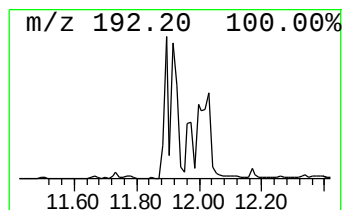
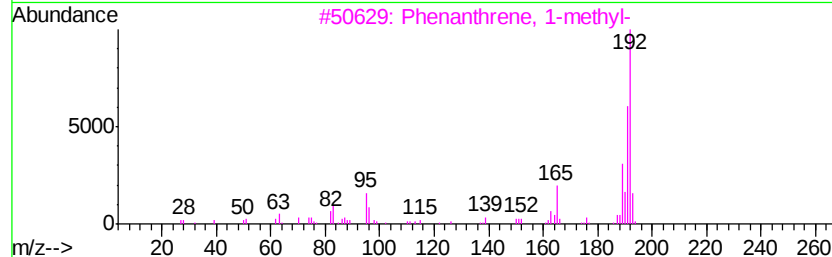
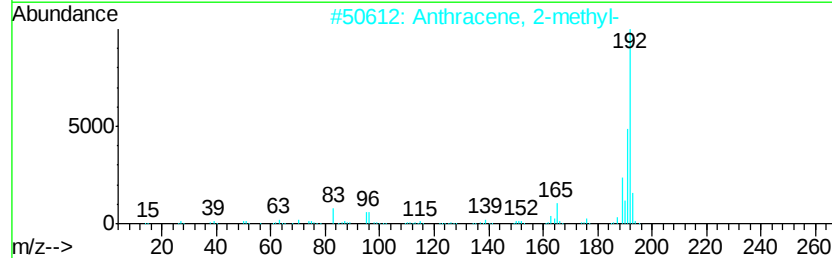
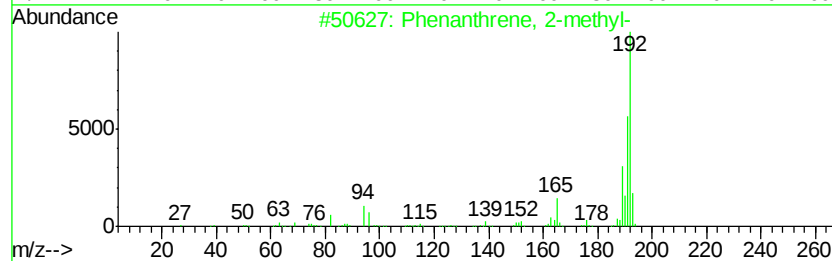
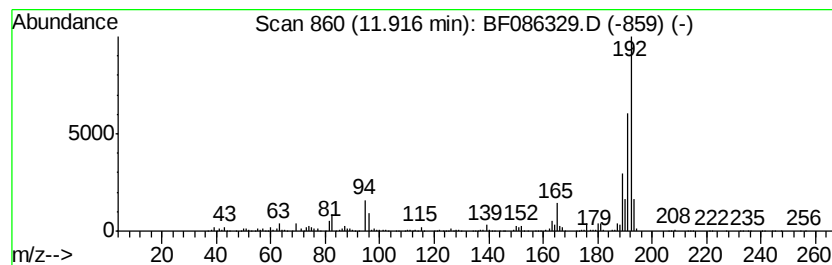
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.10 ng	1869940	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
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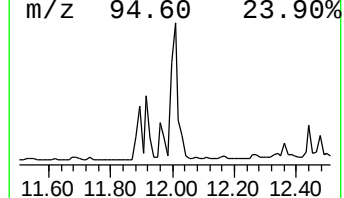
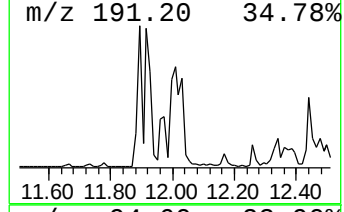
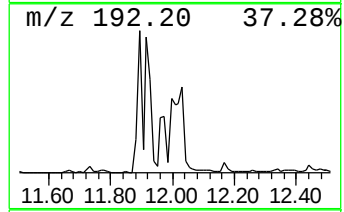
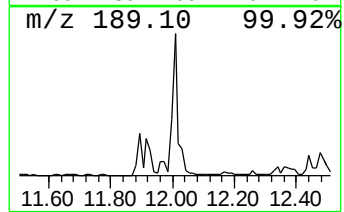
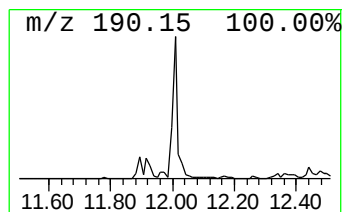
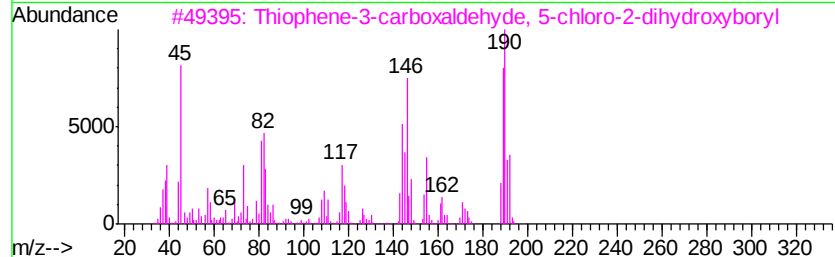
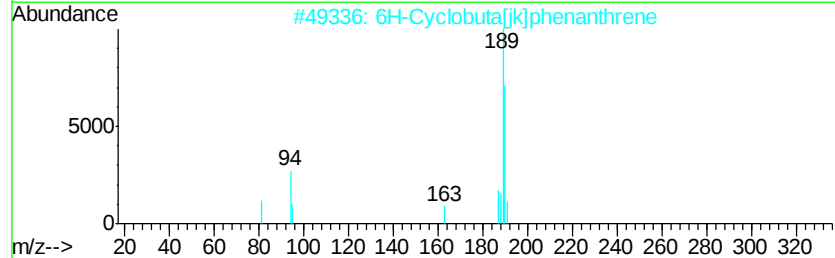
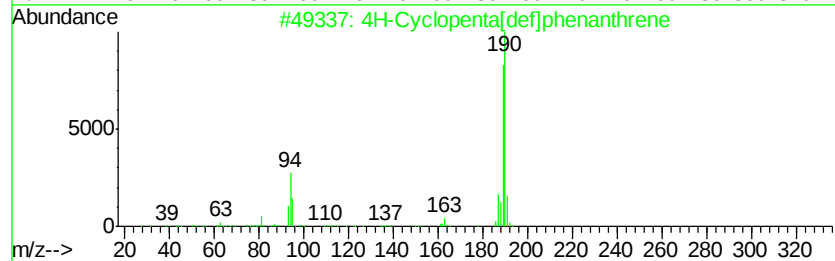
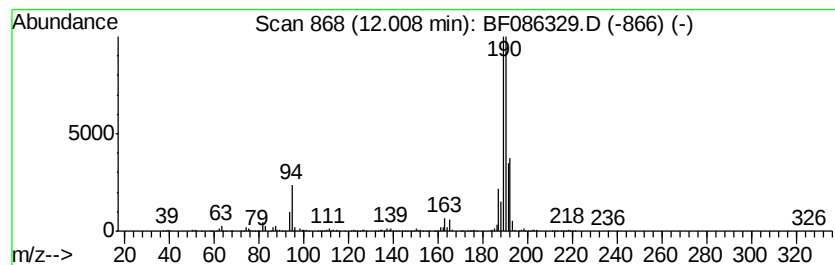
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.01	8.52 ng	3884260	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49



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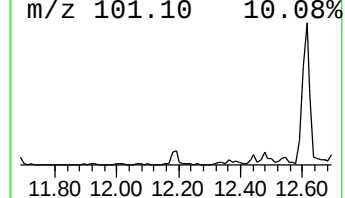
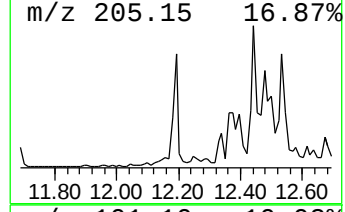
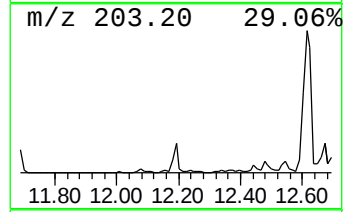
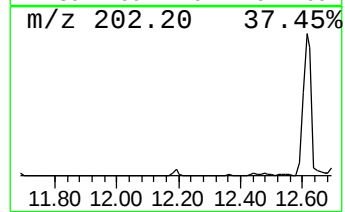
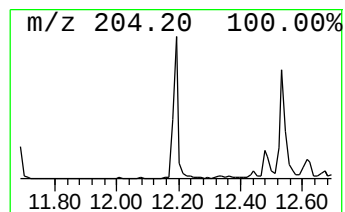
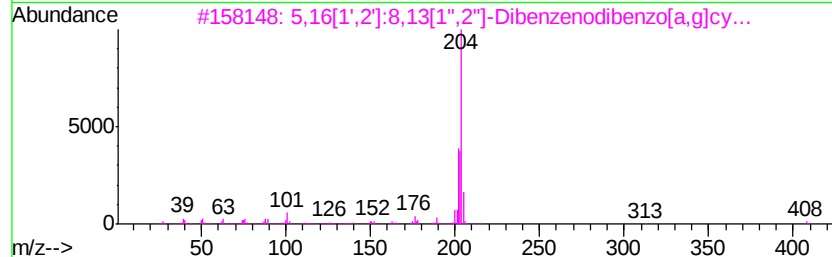
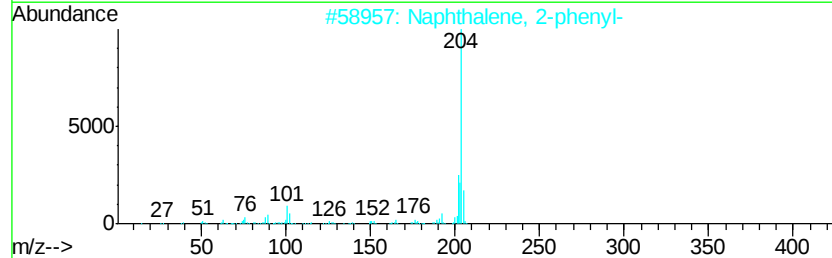
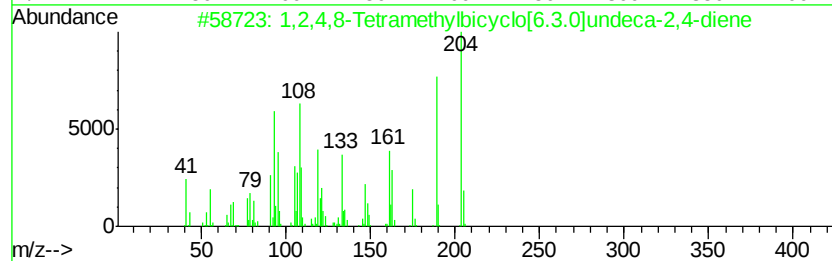
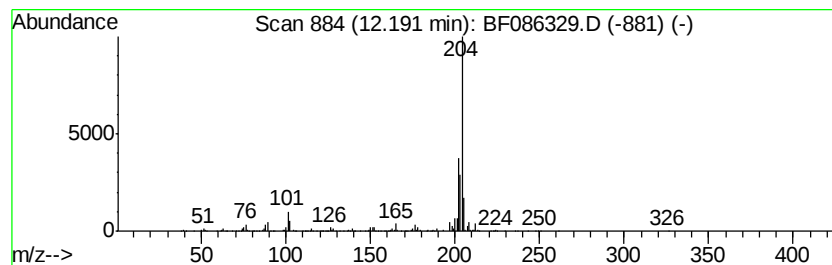
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.28 ng	1952260	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3			5,16[1',2']-8,13[1',2']-Dibenzo[...]	408	C32H24	005672-97-9	87
4			2-Phenylnaphthalene	204	C16H12	035465-71-5	76
5			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086329.D
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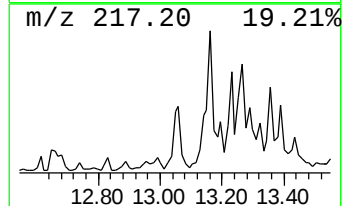
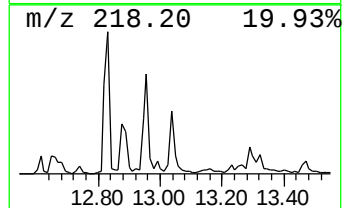
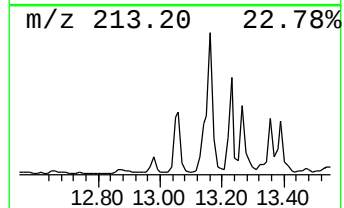
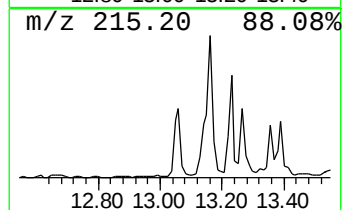
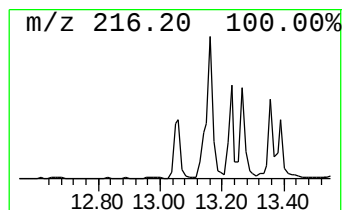
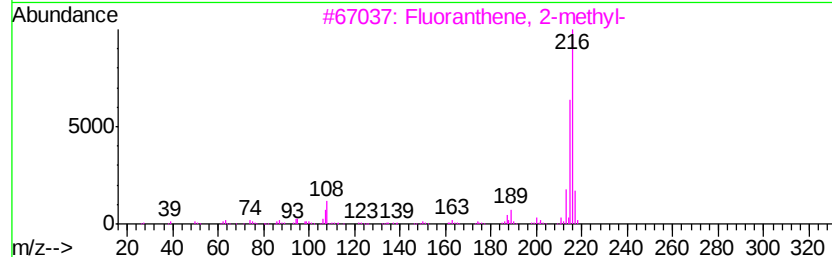
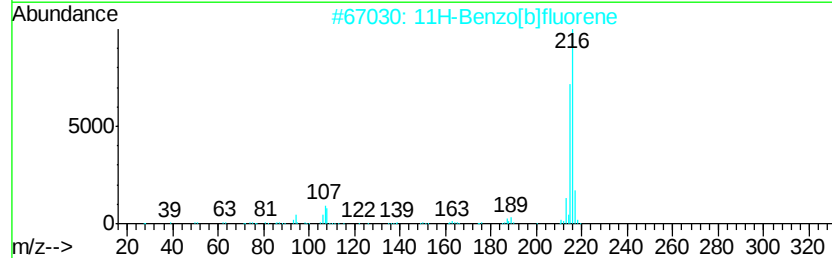
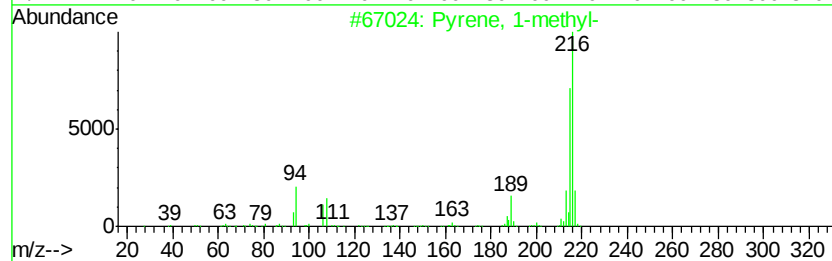
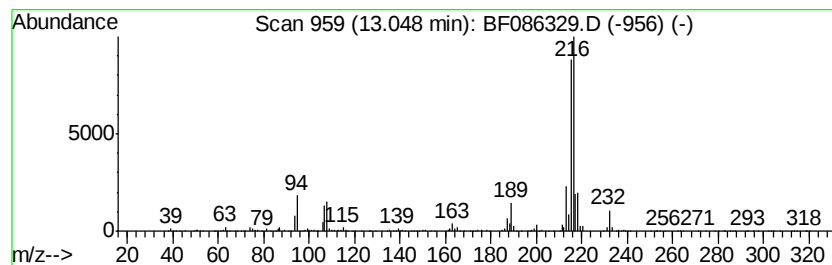
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.84 ng	2137230	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086329.D
Acq On : 21 Apr 2016 1:01
Operator : UM/SJ
Sample : H2601-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)G

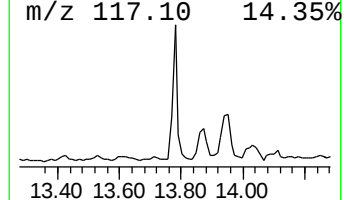
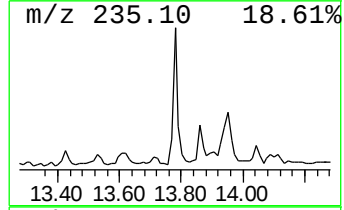
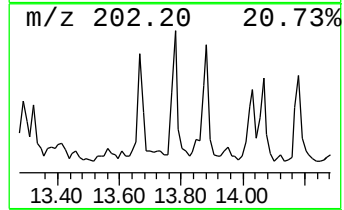
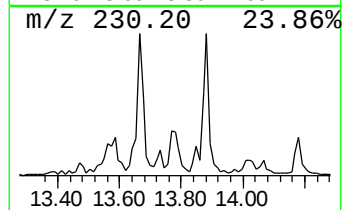
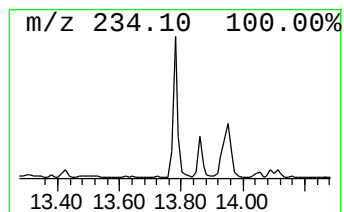
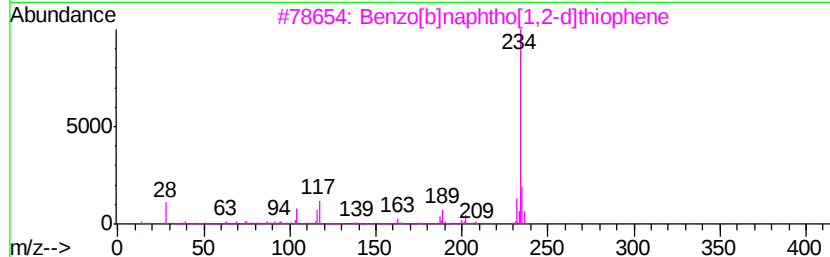
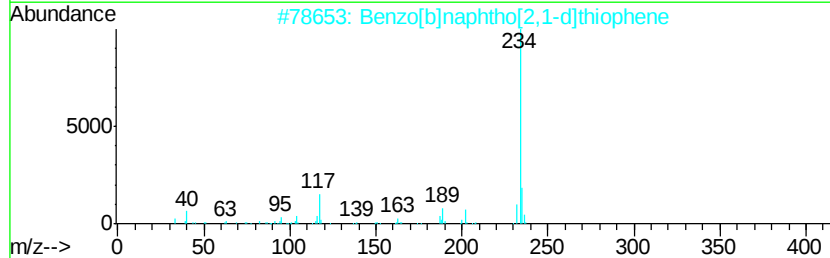
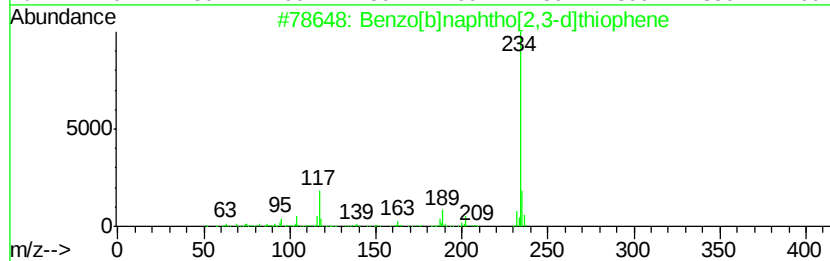
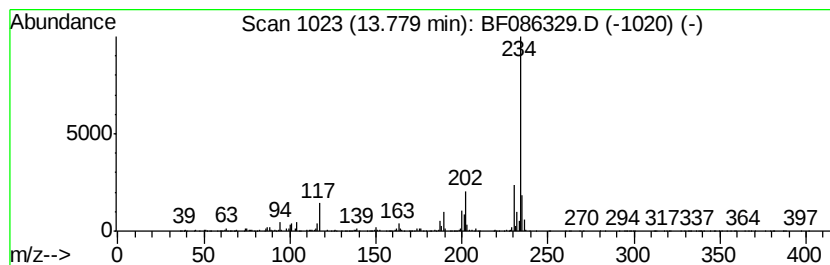
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.92 ng	1729390	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
4		Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47
5		Anthra[1,9a,9-cd;5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086329.D
Acq On : 21 Apr 2016 1:01
Operator : UM/SJ
Sample : H2601-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

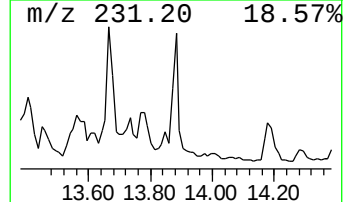
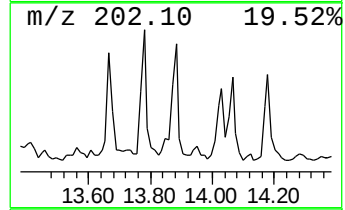
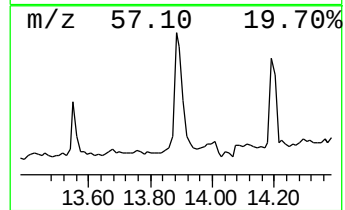
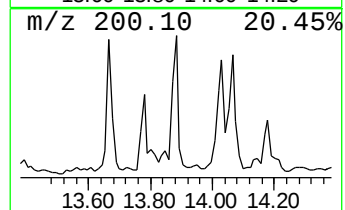
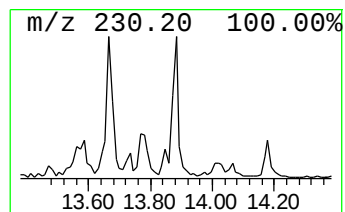
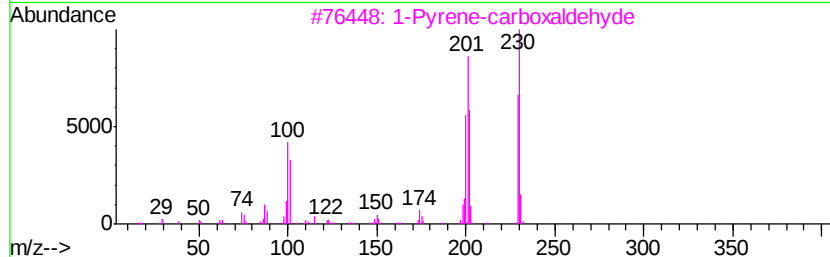
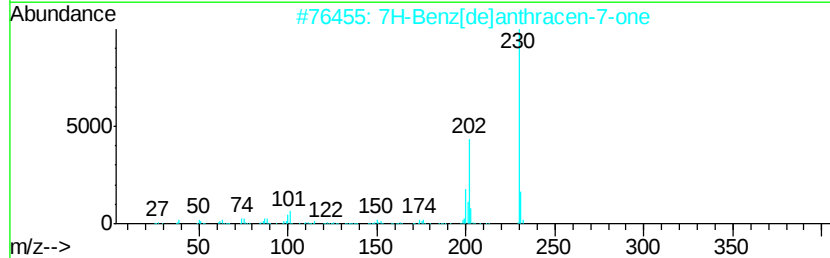
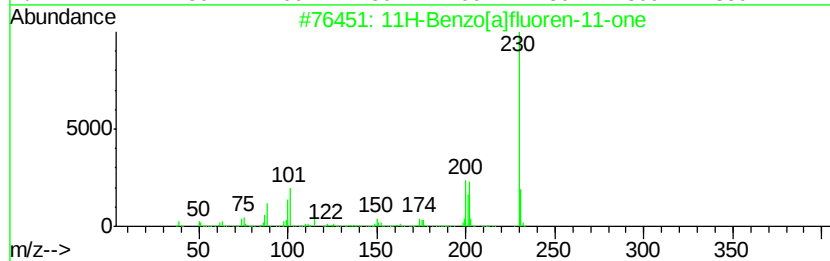
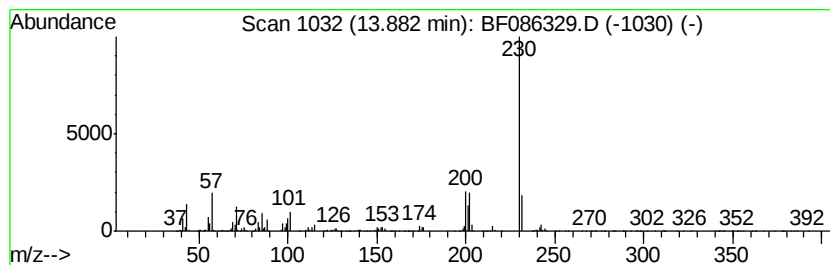
Instrument :
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ClientSampleId :
RODNEY-AVE-PS(0-2)G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.88	4.99 ng	2204070	Chrysene-d12	14.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		1-Pvrene-carboxaldehyde	230	C17H10O	003029-19-4	72
4		Pvrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50
5		5,6-Dihydrochrysene	230	C18H14	002091-92-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086329.D
Acq On : 21 Apr 2016 1:01
Operator : UM/SJ
Sample : H2601-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)G

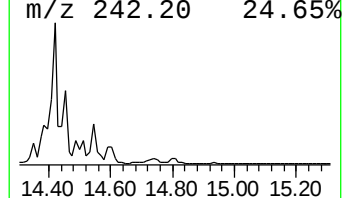
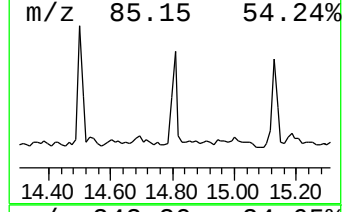
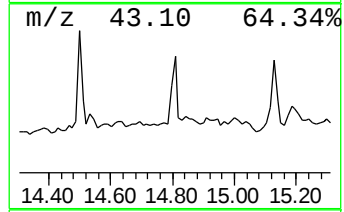
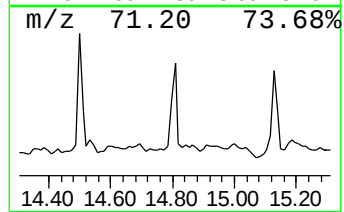
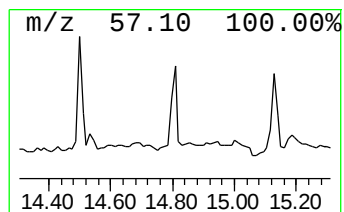
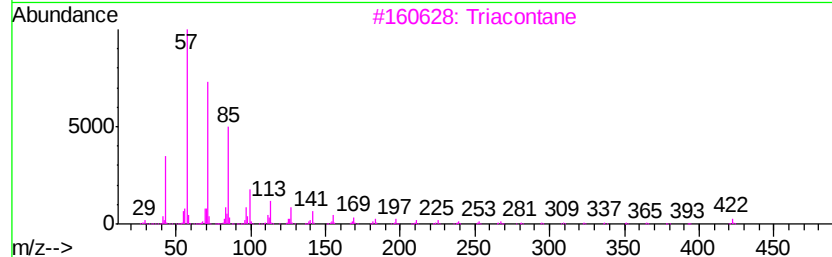
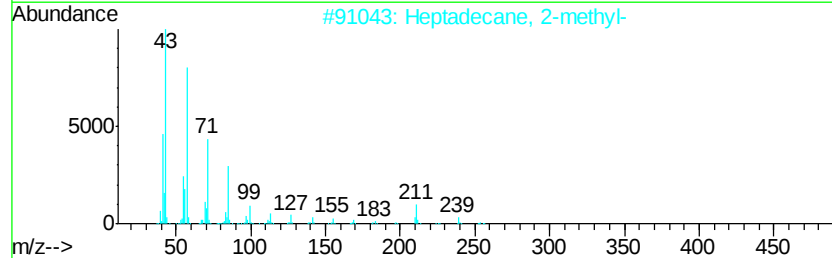
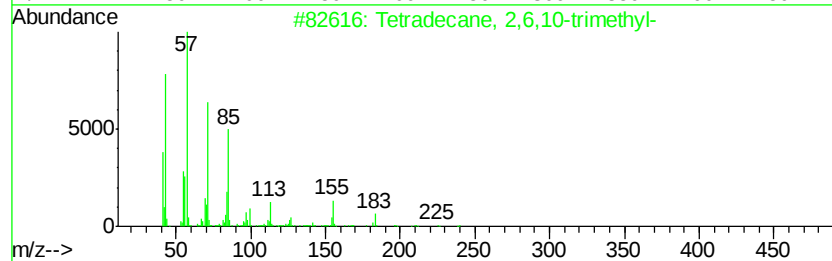
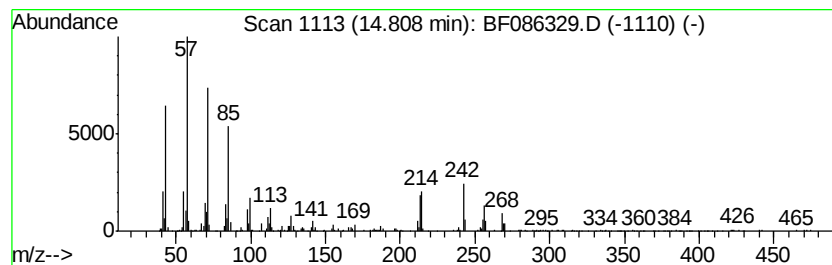
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.22 ng	488777	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
3			Triacontane	422	C30H62	000638-68-6	64
4			Tetracosane	338	C24H50	000646-31-1	58
5			Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086329.D
Acq On : 21 Apr 2016 1:01
Operator : UM/SJ
Sample : H2601-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RODNEY-AVE-PS(0-2)G

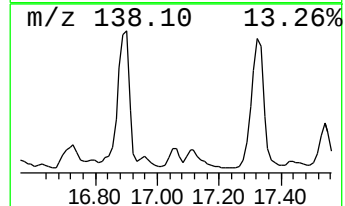
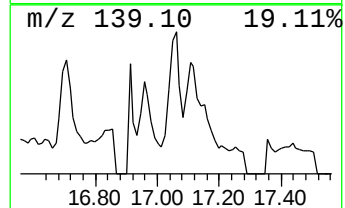
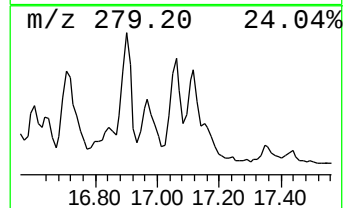
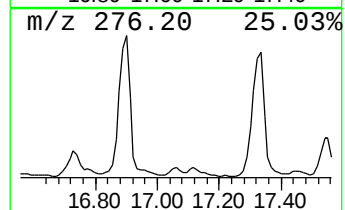
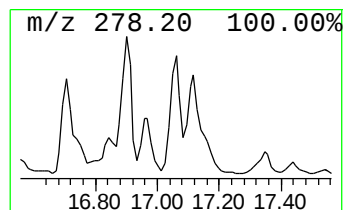
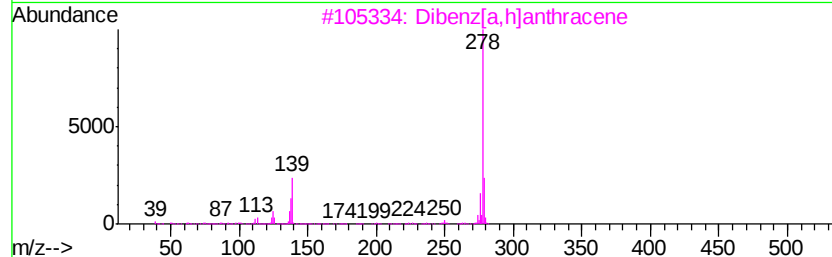
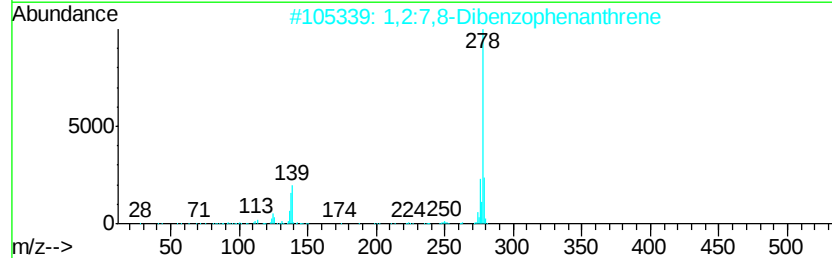
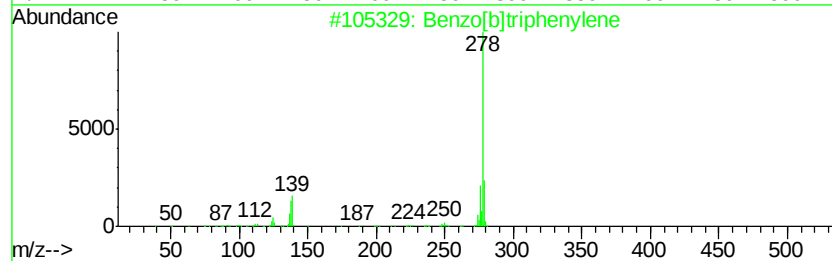
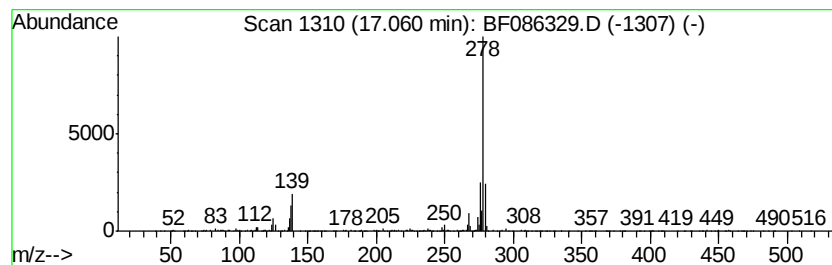
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	5.77 ng	668805	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4		Benzo[b]chrysene	278	C22H14	000214-17-5	94
5		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086329.D
 Acq On : 21 Apr 2016 1:01
 Operator : UM/SJ
 Sample : H2601-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 RODNEY-AVE-PS(0-2)G

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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...	5.05	22.0	ng	1476400	1	6.86	1341240	20.0
unknown6.64	6.64	72.0	ng	4830030	1	6.86	1341240	20.0
Naphthalene, 2,6-...	9.49	4.1	ng	287218	3	9.90	1396710	20.0
Naphthalene, 2,3-...	9.56	6.8	ng	472869	3	9.90	1396710	20.0
1,1'-Biphenyl, 4-...	10.53	5.8	ng	406765	3	9.90	1396710	20.0
9H-Fluoren-9-ol	10.61	6.8	ng	474314	3	9.90	1396710	20.0
Phenanthrene, 2-m...	11.92	4.1	ng	1869940	4	11.39	9122710	20.0
4H-Cyclopenta[def...	12.01	8.5	ng	3884260	4	11.39	9122710	20.0
1,2,4,8-Tetrameth...	12.19	4.3	ng	1952260	4	11.39	9122710	20.0
Pyrene, 1-methyl-	13.05	4.8	ng	2137230	5	14.04	8829900	20.0
Benzo[b]naphtho[2...	13.78	3.9	ng	1729390	5	14.04	8829900	20.0
11H-Benzo[a]fluor...	13.88	5.0	ng	2204070	5	14.04	8829900	20.0
Tetradecane, 2,6,...	14.81	4.2	ng	488777	6	15.47	2318290	20.0
Benzo[b]triphenylene	17.06	5.8	ng	668805	6	15.47	2318290	20.0