

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084979.D
 Acq On : 10 Feb 2016 3:50
 Operator : SJ/IZ
 Sample : H1361-02 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

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-BF020116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.761	232	234	244	rVB	590646	771676	6.41%	0.554%
2	5.218	271	274	276	rBV	2776476	2642330	21.96%	1.897%
3	6.281	365	367	370	rBV	2270976	2429929	20.19%	1.745%
4	6.396	375	377	380	rBV	2163564	2611795	21.70%	1.875%
5	6.636	396	398	400	rBV	932954	972428	8.08%	0.698%
6	6.784	409	411	414	rBV	1888052	1968348	16.36%	1.413%
7	7.207	445	448	450	rBV	1648366	1838370	15.28%	1.320%
8	7.916	508	510	514	rBV2	1094838	1557252	12.94%	1.118%
9	8.636	570	573	575	rBV	175959	164945	1.37%	0.118%
10	9.002	602	605	607	rVB	2909058	2707484	22.50%	1.944%
11	9.402	638	640	642	rVV	412481	380966	3.17%	0.274%
12	9.665	661	663	665	rBV2	1102729	1258789	10.46%	0.904%
13	9.699	665	666	668	rVB	1123632	838310	6.97%	0.602%
14	9.870	679	681	683	rVV	451315	407591	3.39%	0.293%
15	10.213	709	711	713	rVV	757552	645308	5.36%	0.463%
16	10.293	713	718	720	rVV2	93675	258908	2.15%	0.186%
17	10.339	720	722	724	rVV2	81408	174248	1.45%	0.125%
18	10.453	730	732	734	rVB	1665121	1530740	12.72%	1.099%
19	10.579	741	743	747	rVB2	164494	245093	2.04%	0.176%
20	10.762	756	759	760	rBV2	122480	187460	1.56%	0.135%
21	10.910	767	772	773	rBV3	116302	251969	2.09%	0.181%
22	10.956	774	776	778	rVB	219243	206184	1.71%	0.148%
23	11.002	778	780	782	rBV	189627	250122	2.08%	0.180%
24	11.036	782	783	787	rVB	303339	344013	2.86%	0.247%
25	11.173	790	795	797	rBV2	4382187	5288489	43.94%	3.797%
26	11.219	797	799	801	rVB	1838578	2064067	17.15%	1.482%
27	11.253	801	802	804	rBV	211018	211982	1.76%	0.152%
28	11.356	810	811	812	rBV	113824	137705	1.14%	0.099%
29	11.379	812	813	817	rVB	742430	670402	5.57%	0.481%
30	11.448	817	819	820	rBV	172983	196398	1.63%	0.141%
31	11.642	834	836	838	rBV	479059	685485	5.70%	0.492%
32	11.676	838	839	841	rVB	983530	705000	5.86%	0.506%
33	11.722	841	843	844	rBV	593605	494617	4.11%	0.355%
34	11.756	844	846	851	rVB2	1660364	2088204	17.35%	1.499%

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35	11.825	851	852	854	rBV2	78578	157477	1.31%	0.113%
36	11.939	860	862	864	rBV	526797	626188	5.20%	0.450%
37	11.973	864	865	867	rVB	444824	323464	2.69%	0.232%
38	12.088	873	875	877	rBV	221559	227454	1.89%	0.163%
39	12.122	877	878	879	rVV	259674	203075	1.69%	0.146%
40	12.202	882	885	886	rBV	461722	726277	6.03%	0.521%
41	12.236	886	888	891	rVB	317136	550883	4.58%	0.396%
42	12.293	891	893	895	rVB	533463	681420	5.66%	0.489%
43	12.373	896	900	902	rVV	7079648	9884193	82.13%	7.097%
44	12.419	902	904	906	rVV2	224647	340408	2.83%	0.244%
45	12.499	909	911	913	rBV	500307	631170	5.24%	0.453%
46	12.602	916	920	922	rVV2	6771581	12034470	100.00%	8.641%
47	12.636	922	923	926	rVB2	524129	713687	5.93%	0.512%
48	12.705	926	929	930	rBV	938409	986674	8.20%	0.708%
49	12.739	930	932	935	rVB2	1548209	2239168	18.61%	1.608%
50	12.808	935	938	941	rBV3	756071	1511719	12.56%	1.085%
51	12.911	943	947	949	rVB2	1534027	2856154	23.73%	2.051%
52	12.945	949	950	951	rBV	224895	228083	1.90%	0.164%
53	12.979	951	953	955	rVV	1744142	1828510	15.19%	1.313%
54	13.014	955	956	960	rVV2	1329919	2239820	18.61%	1.608%
55	13.105	962	964	966	rVV	766934	927817	7.71%	0.666%
56	13.139	966	967	969	rVV2	903695	892122	7.41%	0.641%
57	13.174	969	970	972	rVV2	292009	351651	2.92%	0.252%
58	13.334	979	984	988	rVV4	476098	1352209	11.24%	0.971%
59	13.402	988	990	991	rVV	409492	731992	6.08%	0.526%
60	13.425	991	992	994	rVV	718465	721482	6.00%	0.518%
61	13.482	994	997	998	rVV2	297874	464015	3.86%	0.333%
62	13.528	998	1001	1002	rVV	1060993	1362009	11.32%	0.978%
63	13.562	1002	1004	1005	rVV	945867	1548124	12.86%	1.112%
64	13.585	1005	1006	1009	rVV3	949790	1487014	12.36%	1.068%
65	13.631	1009	1010	1014	rVV2	664915	1113368	9.25%	0.799%
66	13.699	1014	1016	1019	rVV	248625	382595	3.18%	0.275%
67	13.779	1019	1023	1025	rVV2	4374820	8743156	72.65%	6.278%
68	13.814	1025	1026	1030	rVV	3381827	4963429	41.24%	3.564%
69	13.894	1030	1033	1034	rVV2	1742430	2139166	17.78%	1.536%
70	13.928	1034	1036	1038	rVV2	449714	926222	7.70%	0.665%
71	13.974	1038	1040	1041	rVV2	504939	746134	6.20%	0.536%

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72	13.996	1041	1042	1047	rVV3	491017	1144089	9.51%	0.821%
73	14.099	1049	1051	1052	rVV	215154	240400	2.00%	0.173%
74	14.134	1052	1054	1055	rVV2	443119	518370	4.31%	0.372%
75	14.168	1055	1057	1059	rVV	1183586	1527880	12.70%	1.097%
76	14.202	1059	1060	1062	rVV	654993	636143	5.29%	0.457%
77	14.259	1062	1065	1067	rVV3	697432	1328789	11.04%	0.954%
78	14.317	1067	1070	1071	rVV3	788850	1507932	12.53%	1.083%
79	14.362	1071	1074	1077	rVB3	444682	825938	6.86%	0.593%
80	14.419	1077	1079	1081	rBV2	166935	199977	1.66%	0.144%
81	14.477	1082	1084	1089	rBV4	452336	999255	8.30%	0.717%
82	14.545	1089	1090	1091	rBV	261905	270105	2.24%	0.194%
83	14.579	1091	1093	1095	rVB2	275653	349059	2.90%	0.251%
84	14.637	1097	1098	1102	rVV3	324248	488052	4.06%	0.350%
85	14.797	1108	1112	1115	rBV	3198523	7502546	62.34%	5.387%
86	14.877	1117	1119	1121	rVV	918969	908174	7.55%	0.652%
87	14.968	1124	1127	1129	rBV	260491	657749	5.47%	0.472%
88	15.048	1131	1134	1136	rVV	1945368	2675156	22.23%	1.921%
89	15.105	1136	1139	1141	rVV	2703993	3660165	30.41%	2.628%
90	15.185	1141	1146	1149	rVB3	939697	1956483	16.26%	1.405%
91	15.631	1183	1185	1187	rVB2	215707	254586	2.12%	0.183%
92	16.237	1235	1238	1240	rBV2	175363	413740	3.44%	0.297%
93	16.420	1250	1254	1257	rVB	1032445	1934150	16.07%	1.389%
94	16.465	1257	1258	1263	rVB	126980	215522	1.79%	0.155%
95	16.557	1263	1266	1268	rBV	227573	464836	3.86%	0.334%
96	16.602	1268	1270	1272	rVB2	149990	214613	1.78%	0.154%
97	16.797	1282	1287	1292	rBV	787108	1700308	14.13%	1.221%
98	16.991	1301	1304	1311	rVB2	251638	584762	4.86%	0.420%
99	18.694	1448	1453	1459	rVB	212979	665560	5.53%	0.478%
100	18.854	1462	1467	1470	rBV	134799	398532	3.31%	0.286%

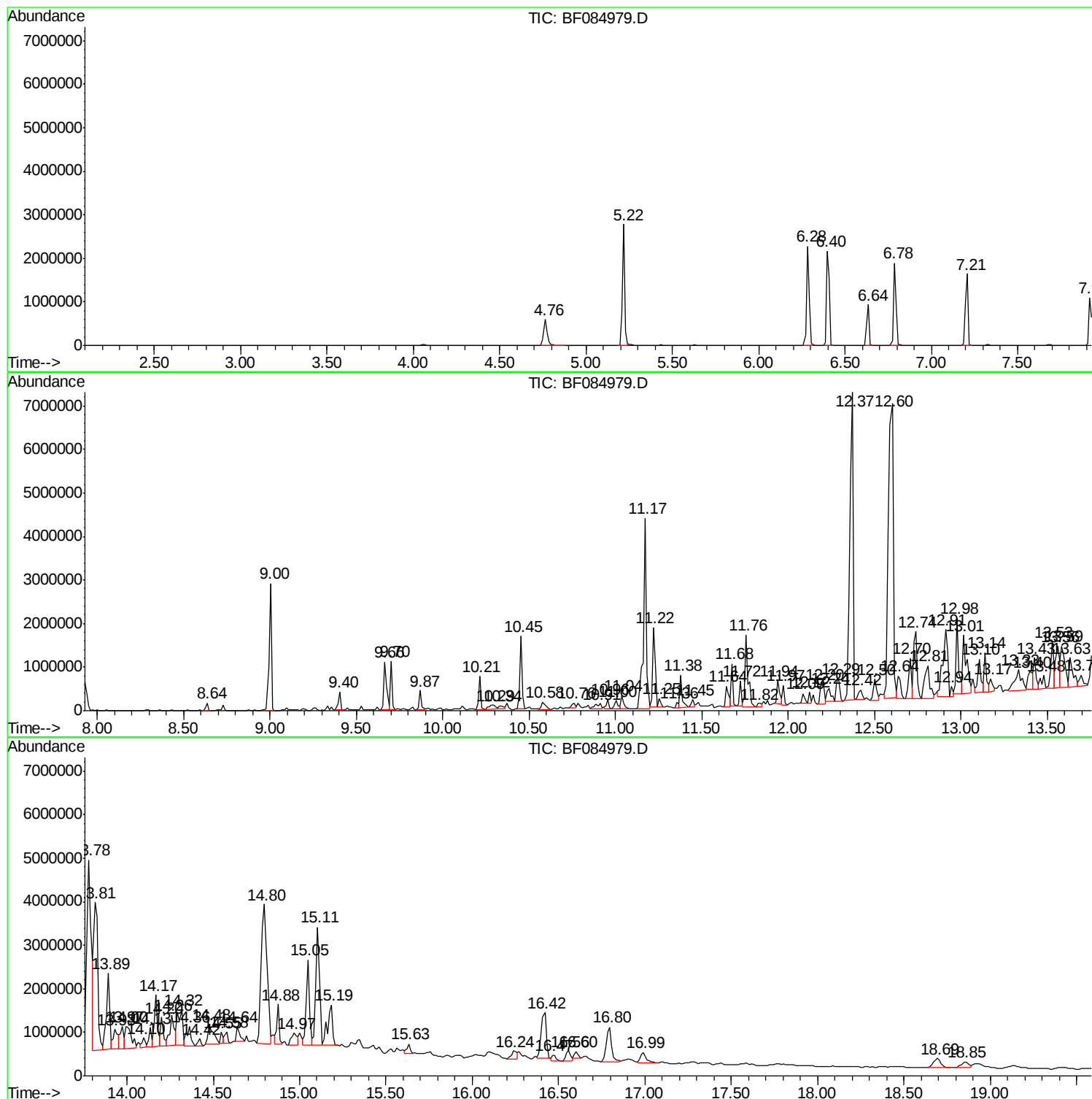
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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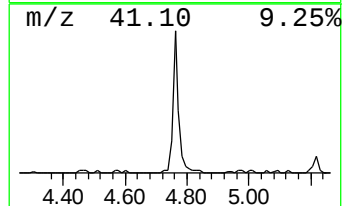
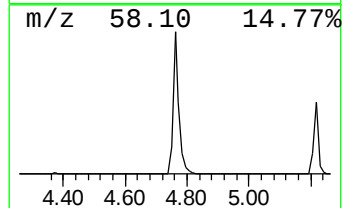
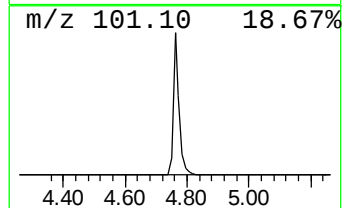
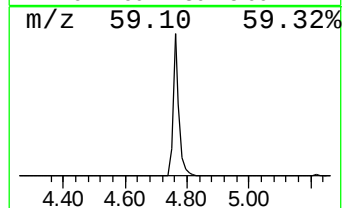
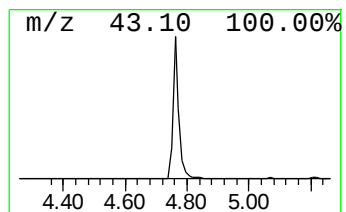
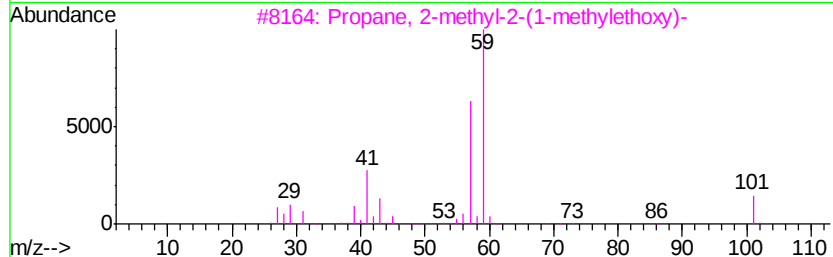
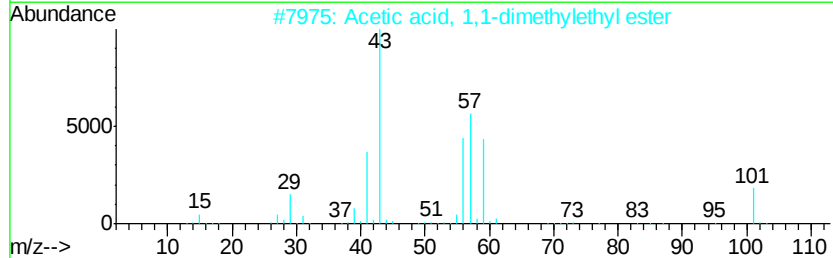
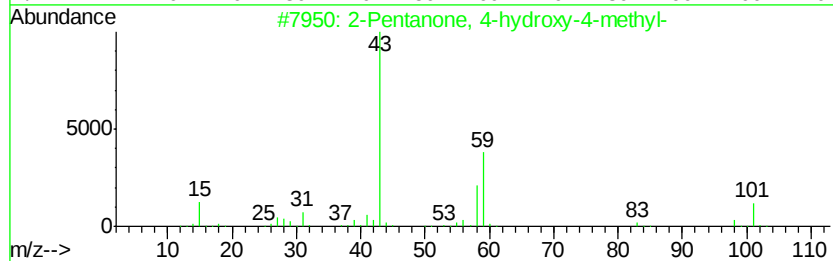
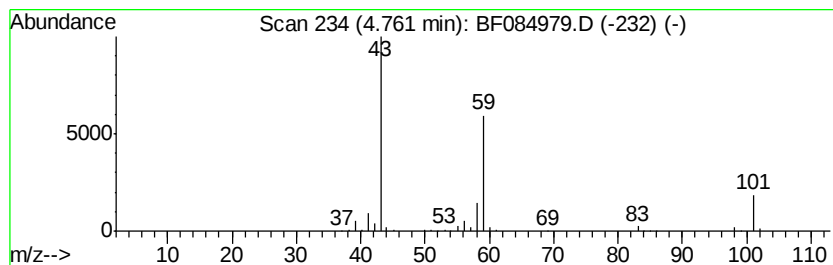
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.76	15.87 ng	771676	1,4-Dichlorobenzene-d4	6.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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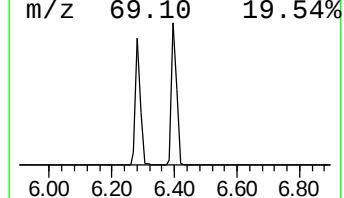
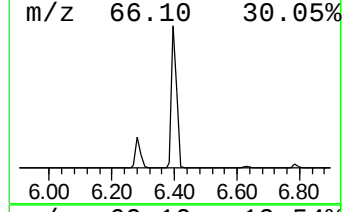
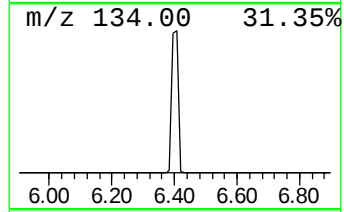
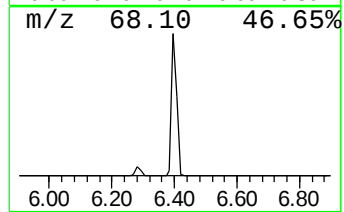
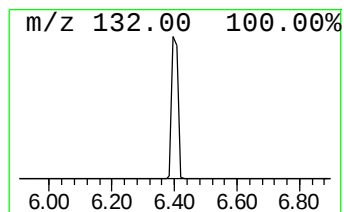
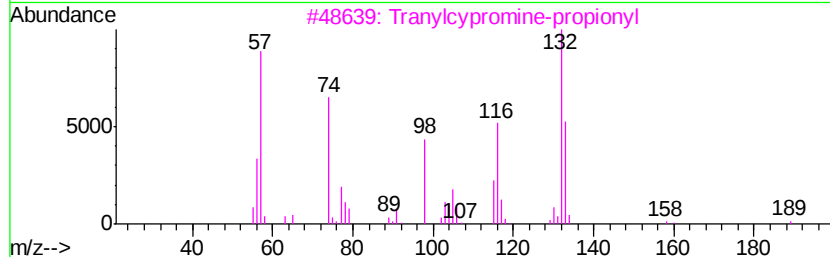
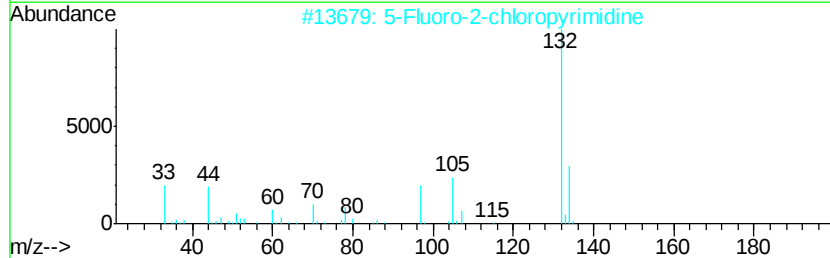
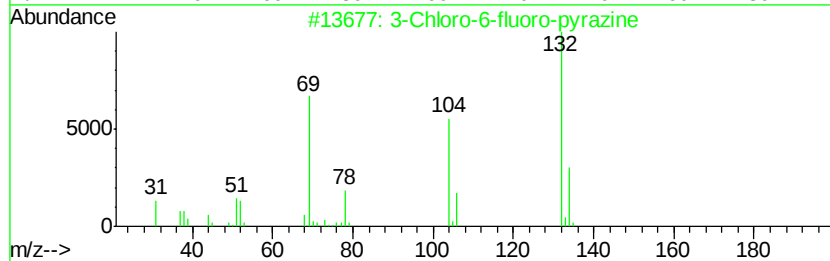
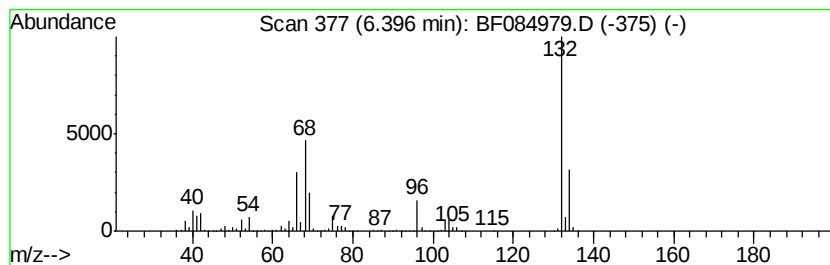
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	53.72 ng	2611800	1,4-Dichlorobenzene-d4	6.64

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	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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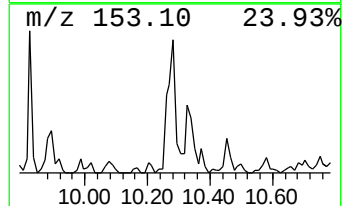
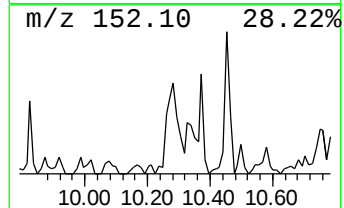
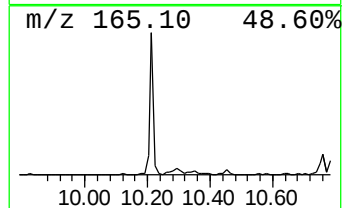
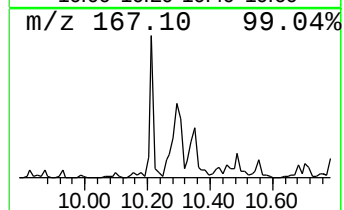
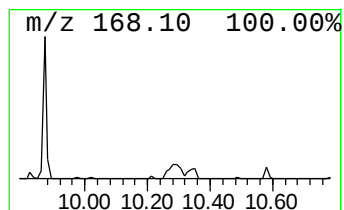
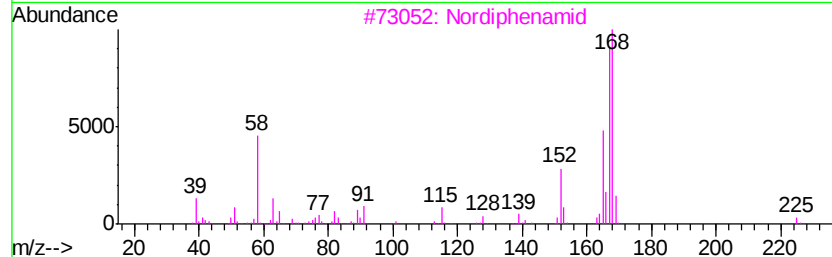
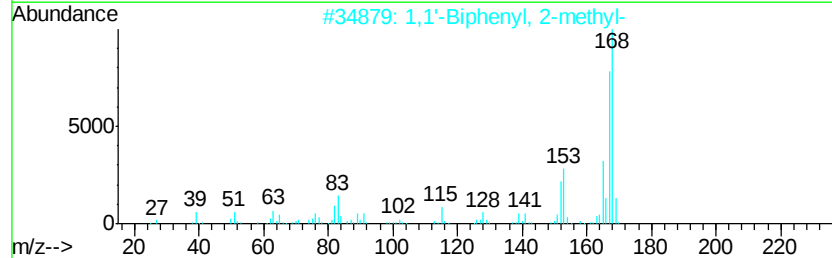
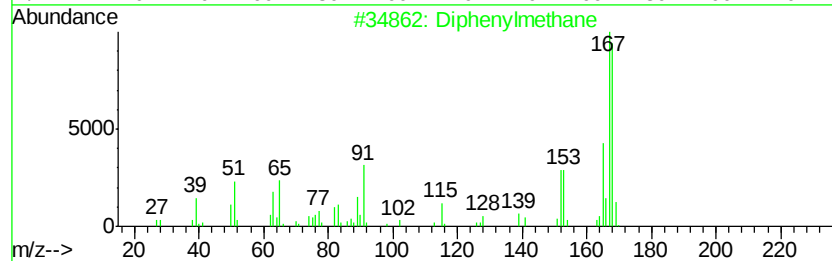
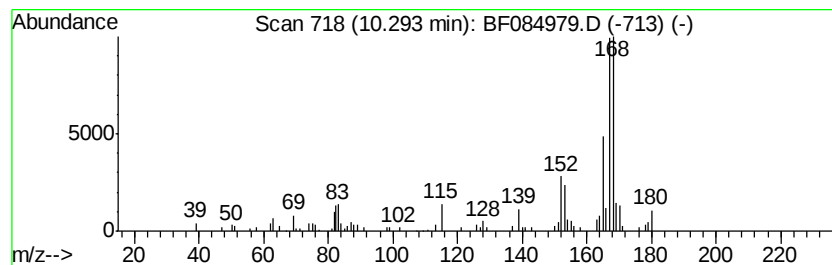
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Diphenylmethane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.29	4.11 ng	258908	Acenaphthene-d10		9.66
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
3	Nordiphenamid	225	C15H15NO	000954-21-2	72
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
Operator : SJ/IZ
Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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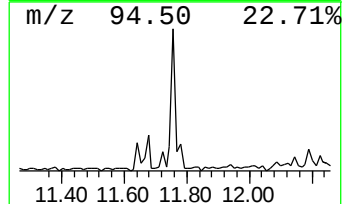
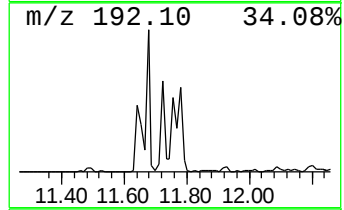
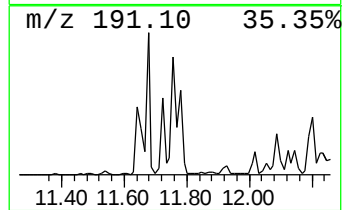
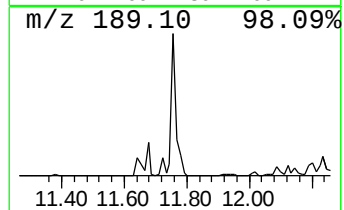
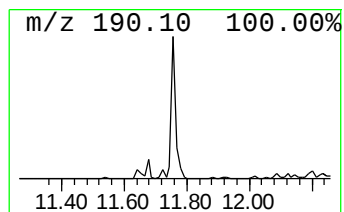
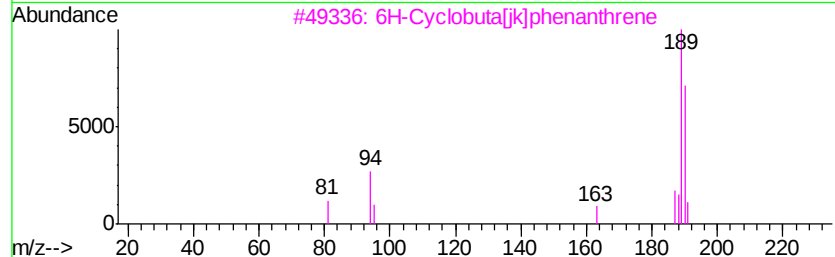
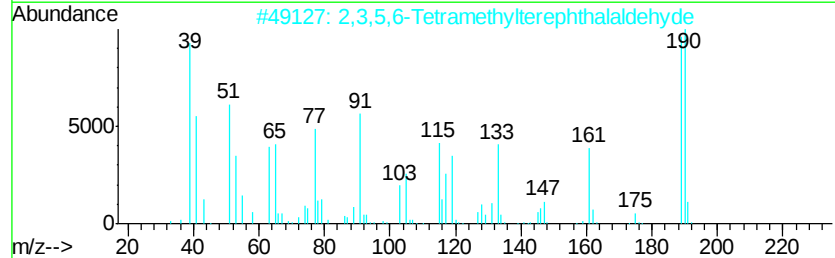
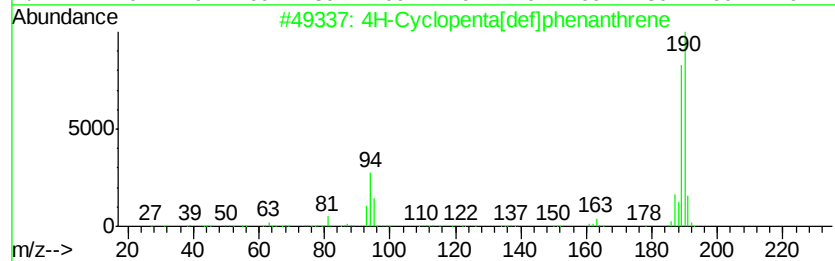
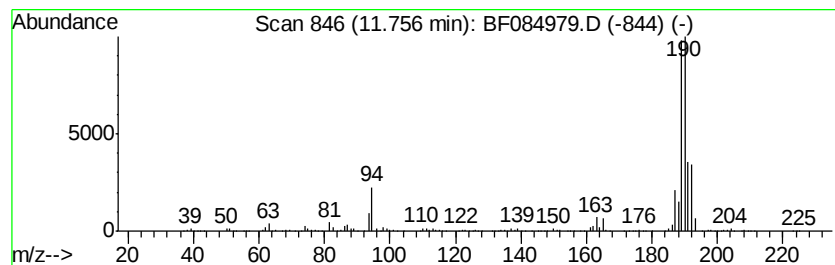
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	7.90 ng	2088200	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	45
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
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Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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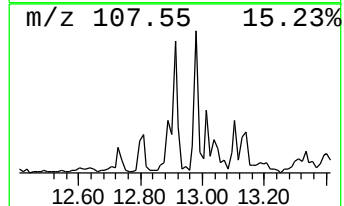
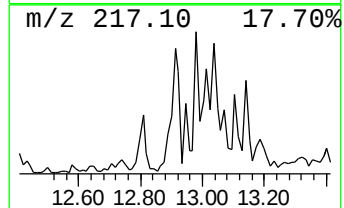
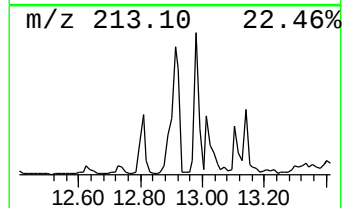
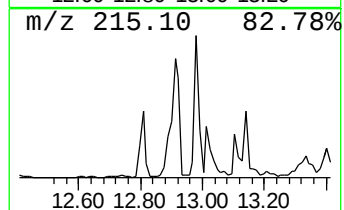
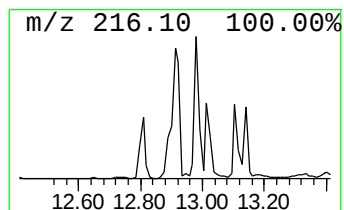
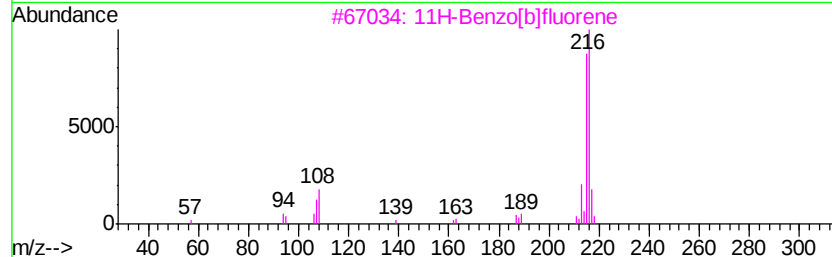
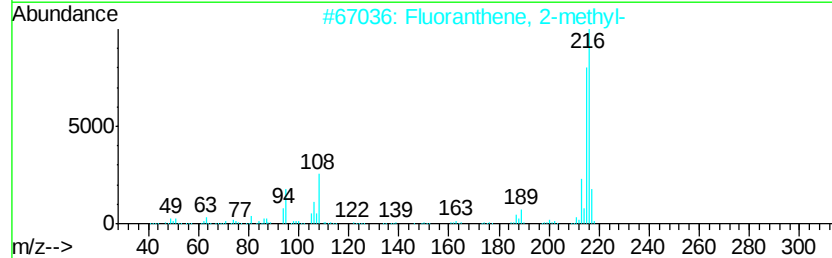
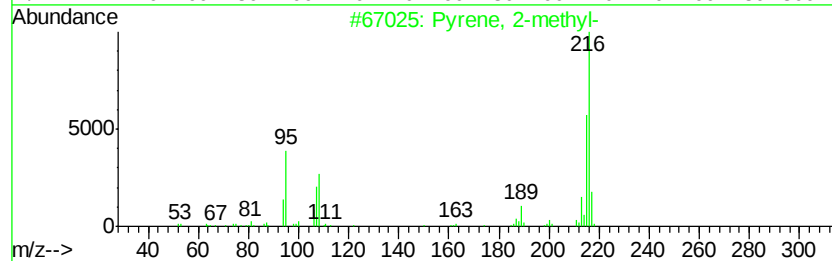
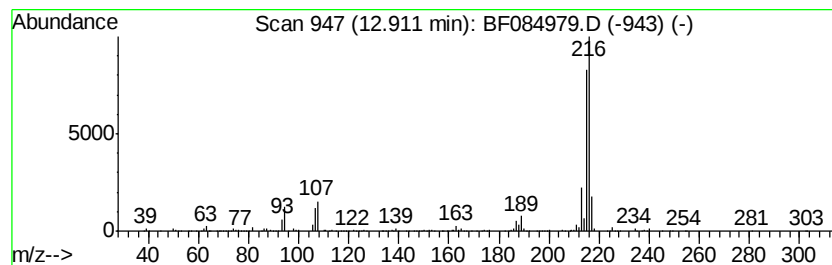
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	6.53 ng	2856150	Chrysene-d12	13.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
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ClientSampleId :
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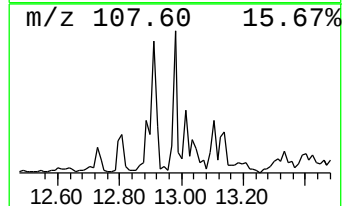
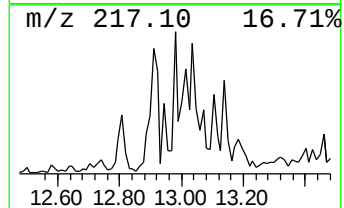
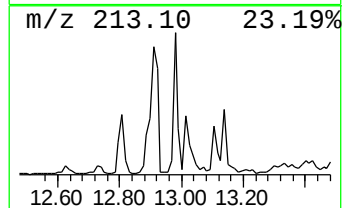
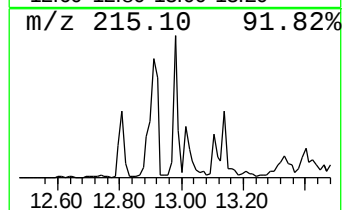
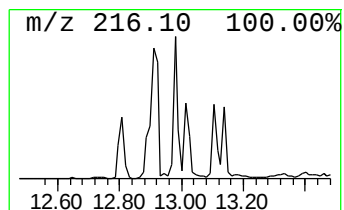
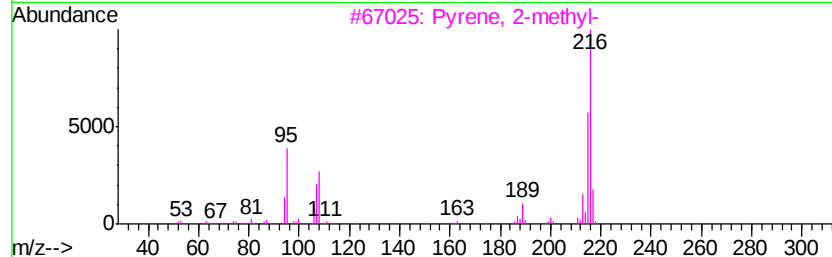
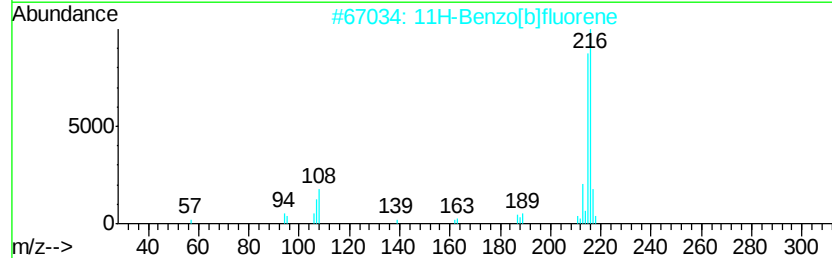
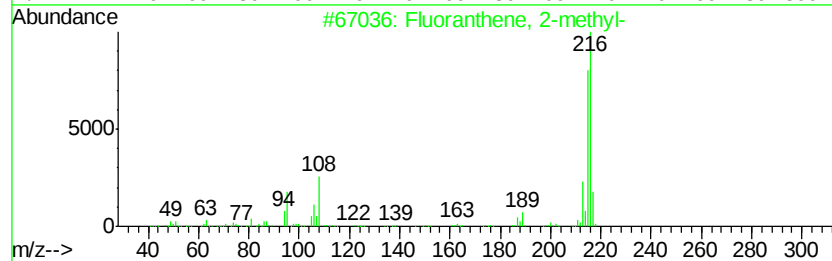
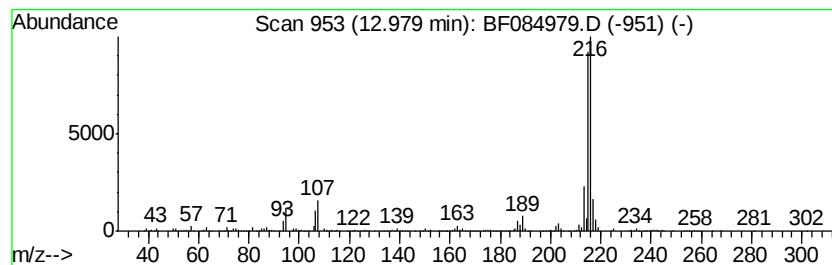
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	4.18 ng	1828510	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Pvrene, 2-methyl-	216	C17H12	003442-78-2	89
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
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Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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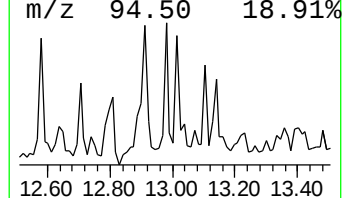
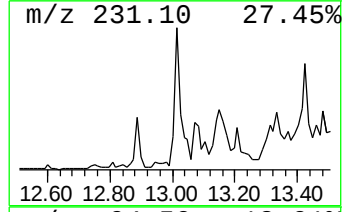
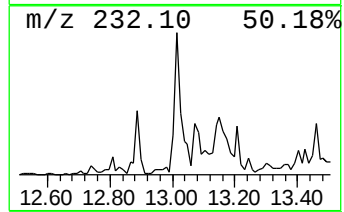
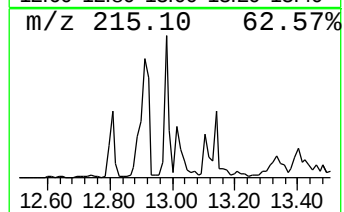
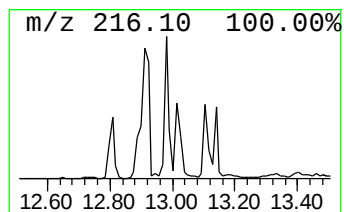
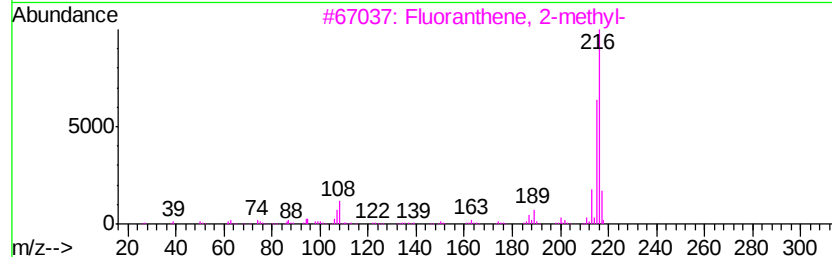
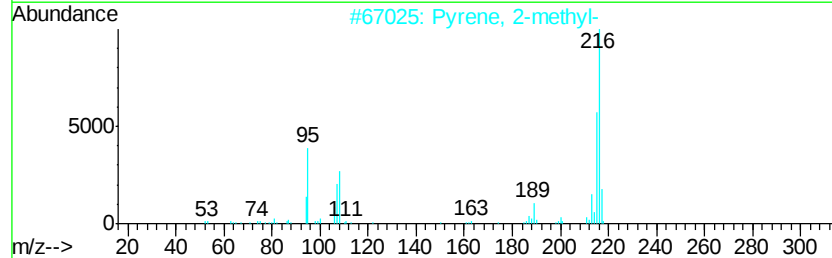
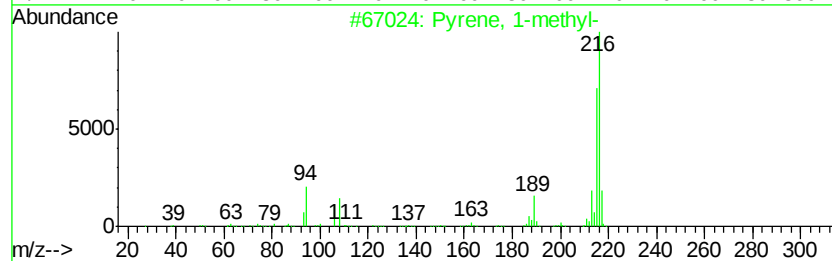
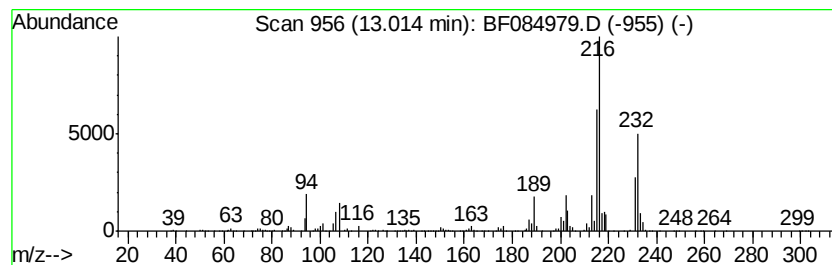
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.12 ng	2239820	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084979.D
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Instrument :
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ClientSampleId :
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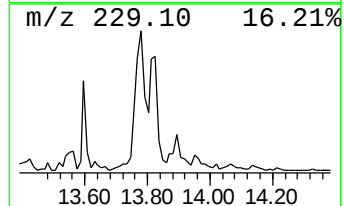
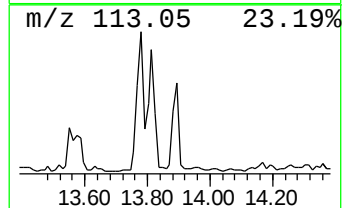
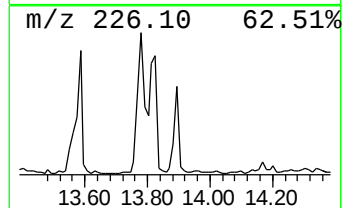
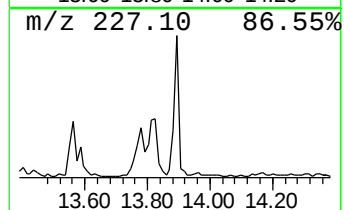
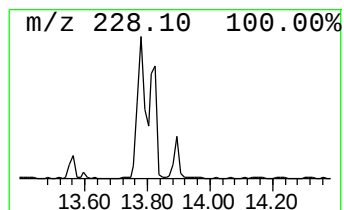
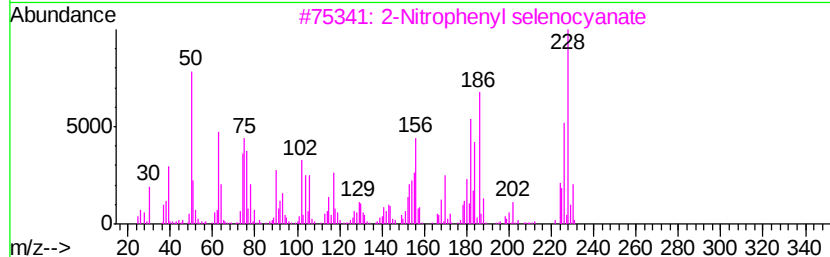
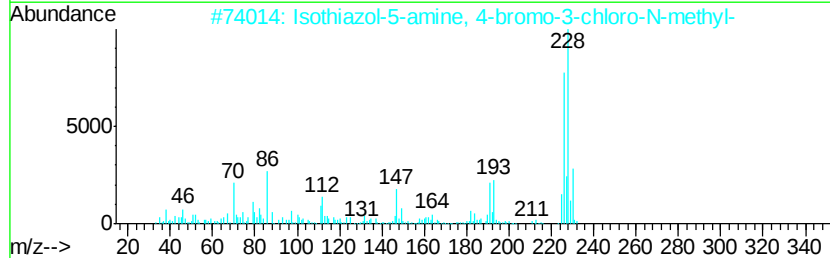
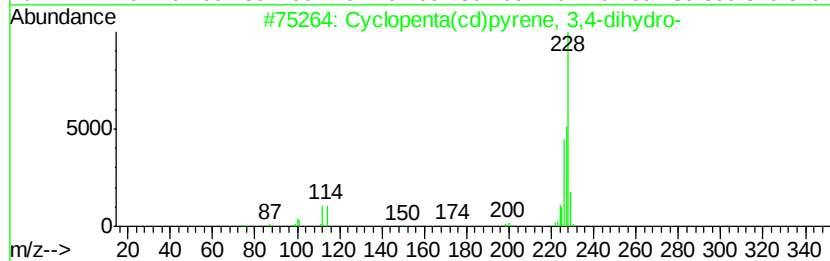
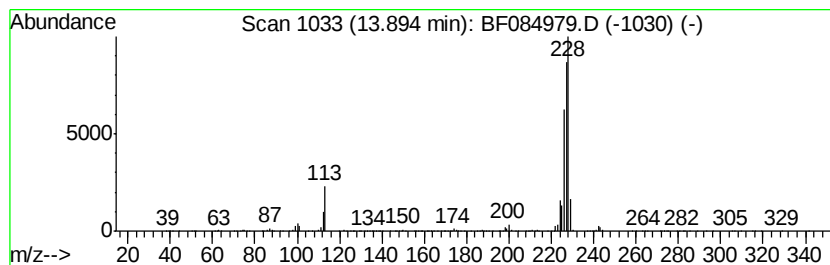
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.89 ng	2139170	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38
3		2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	38
4		Triphenylene	228	C18H12	000217-59-4	35
5		Benz[a]anthracene	228	C18H12	000056-55-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
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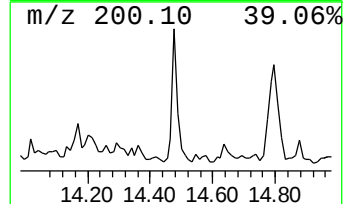
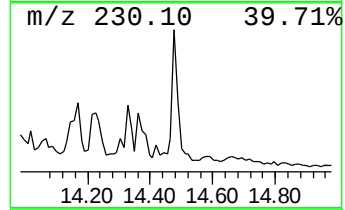
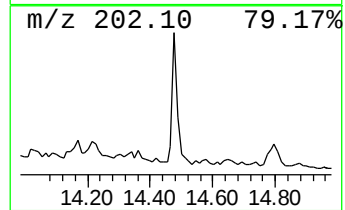
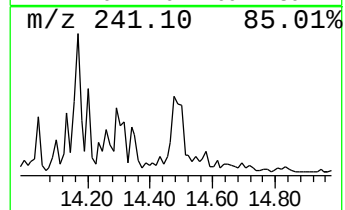
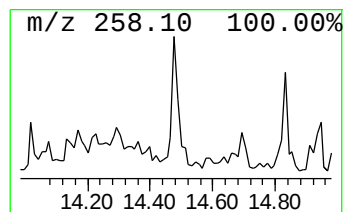
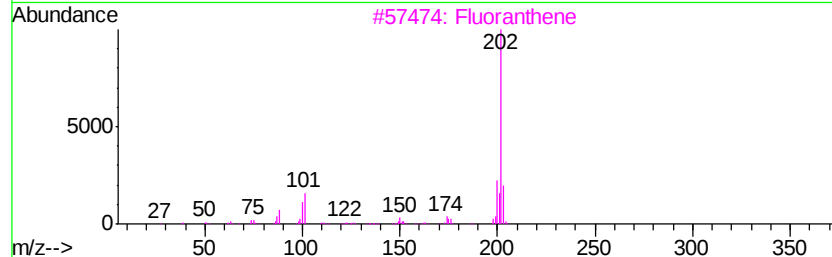
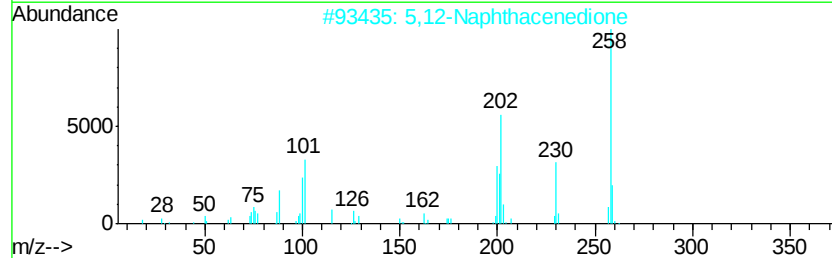
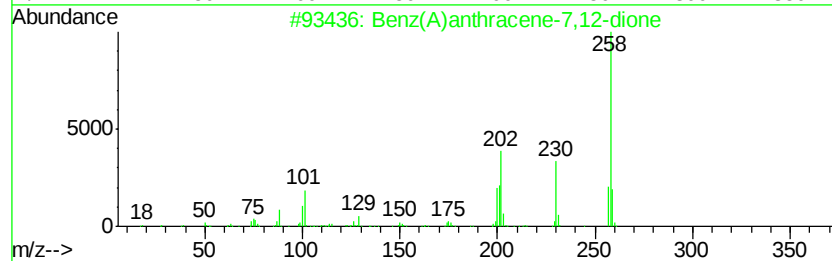
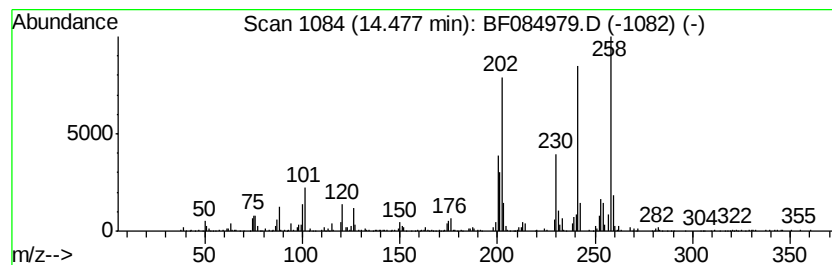
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benz(A)anthracene-7,12-dione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	10.21 ng	999255	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	94
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	94
3		Fluoranthene	202	C16H10	000206-44-0	56
4		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	56
5		1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
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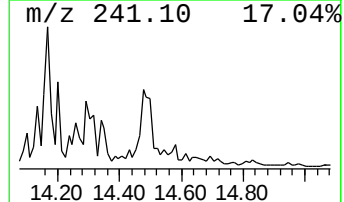
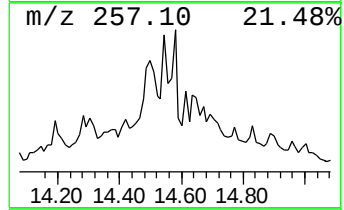
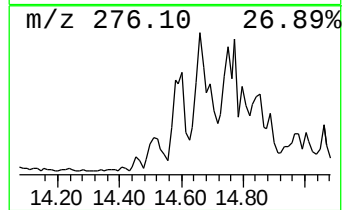
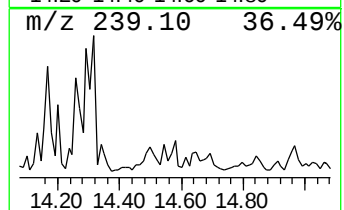
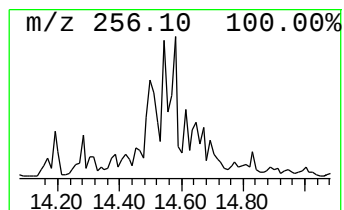
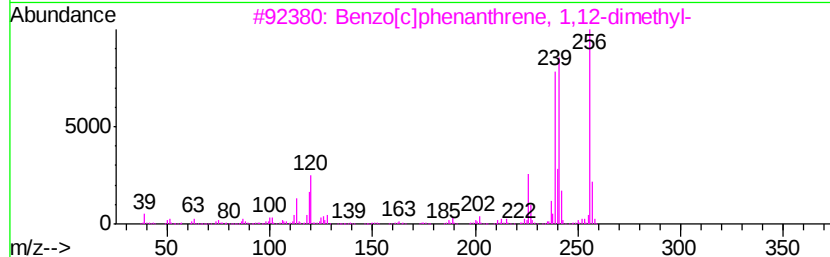
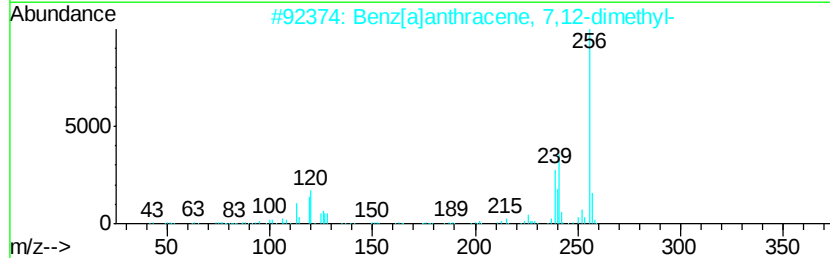
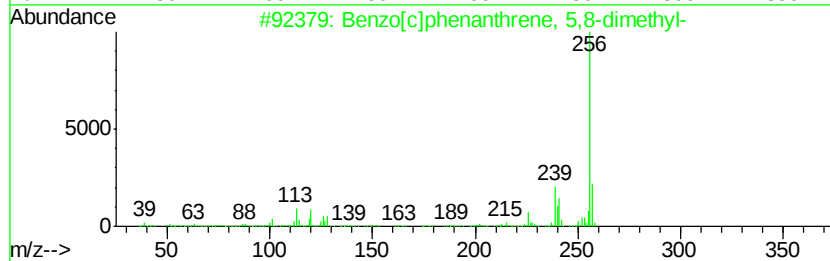
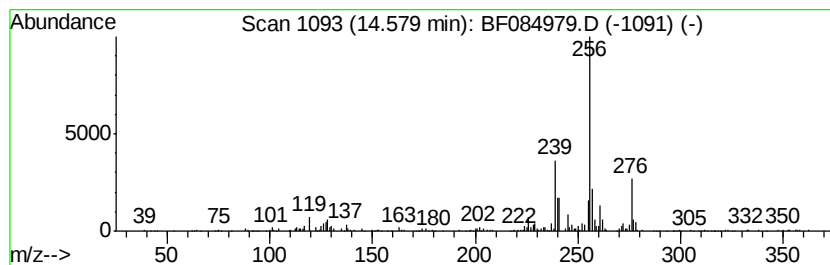
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.57 ng	349059	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	64
2		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	58
3		Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	53
4		Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	53
5		3,4-Dihydro-1,1'-binaphthalene	256	C20H16	021039-44-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
Operator : SJ/IZ
Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
WC-1

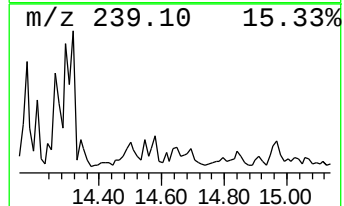
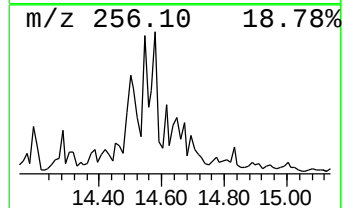
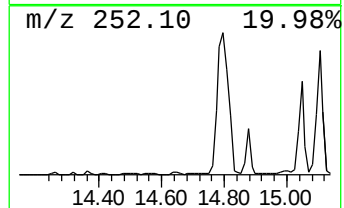
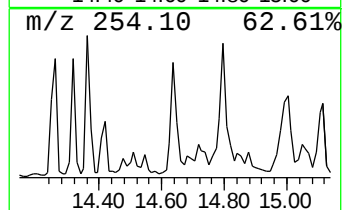
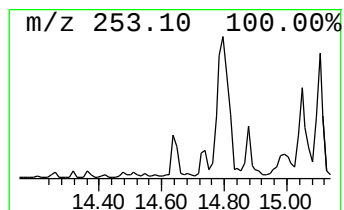
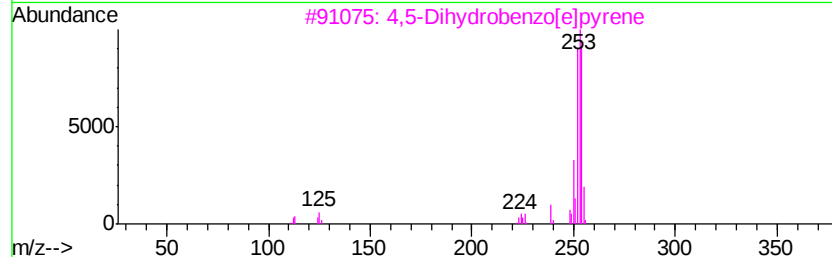
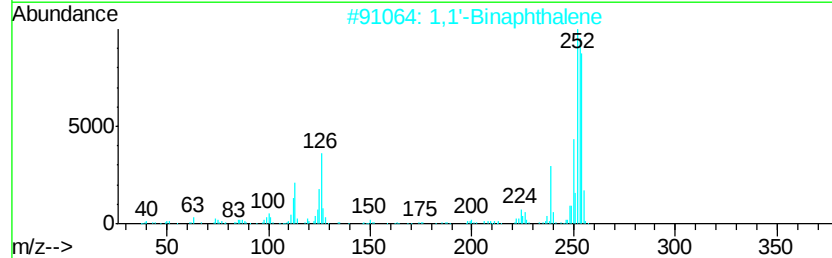
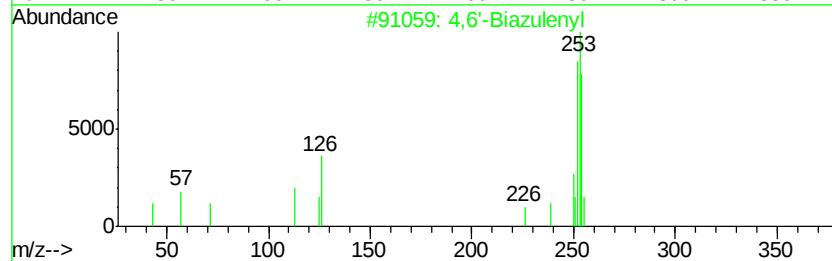
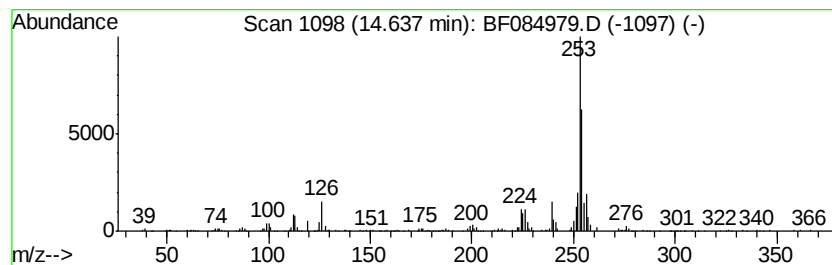
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4,6'-Biazulenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.99 ng	488052	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6'-Biazulenyl	254	C20H14	094154-49-1	68
2		1,1'-Binaphthalene	254	C20H14	000604-53-5	64
3		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	59
4		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	53
5		Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
Operator : SJ/IZ
Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

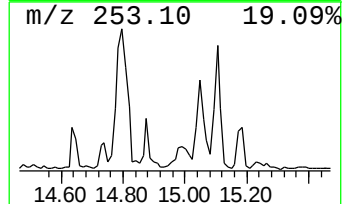
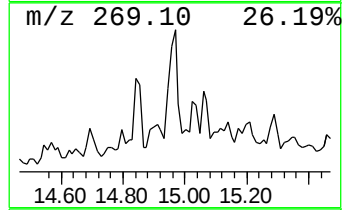
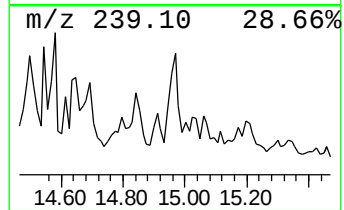
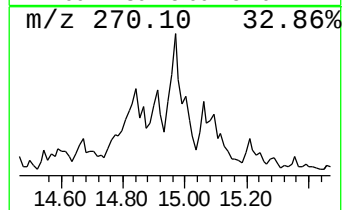
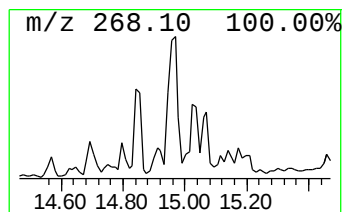
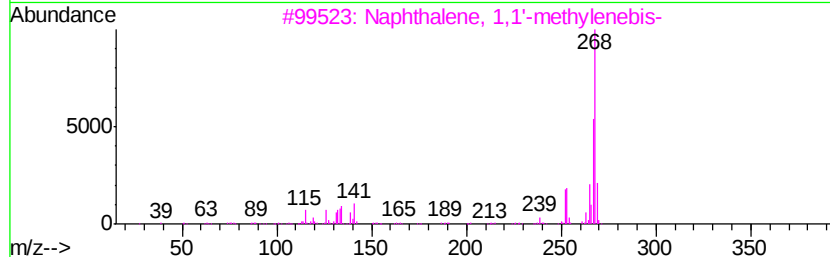
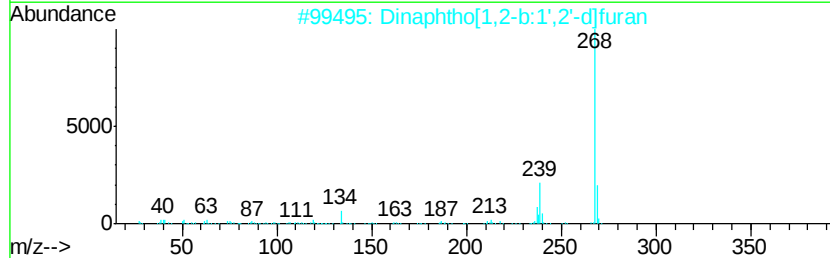
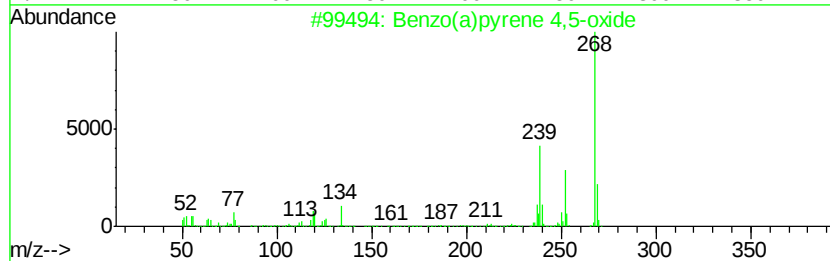
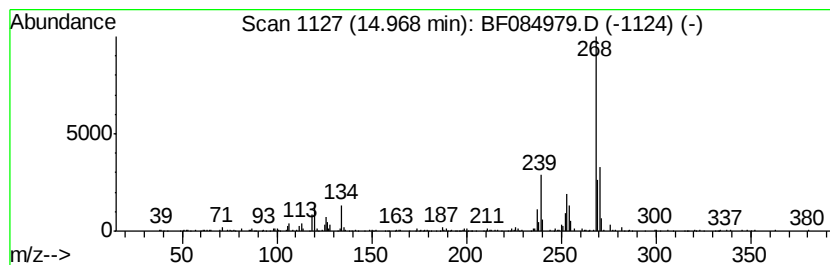
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo(a)pyrene 4,5-oxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	6.72 ng	657749	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	70
2		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
3		Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	52
4		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	50
5		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
Operator : SJ/IZ
Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

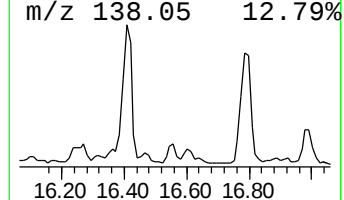
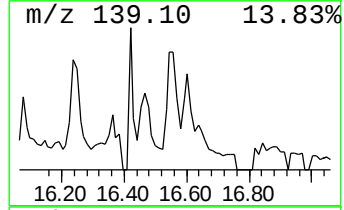
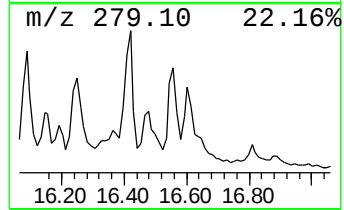
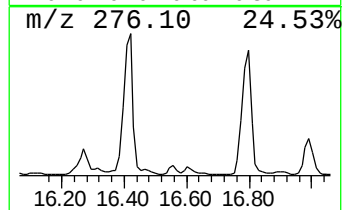
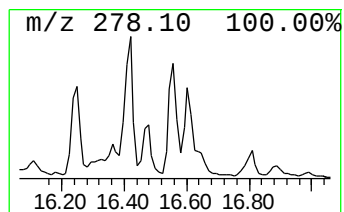
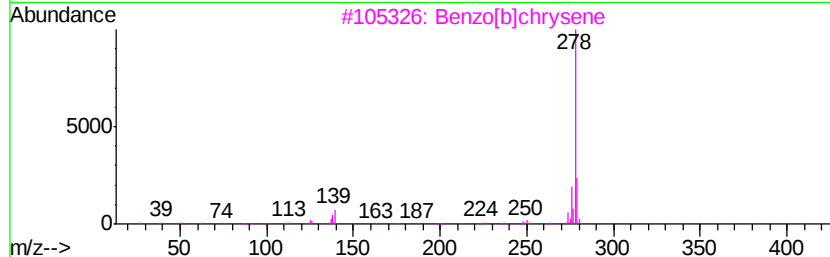
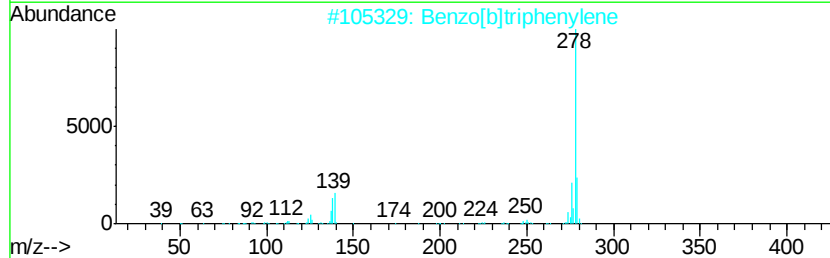
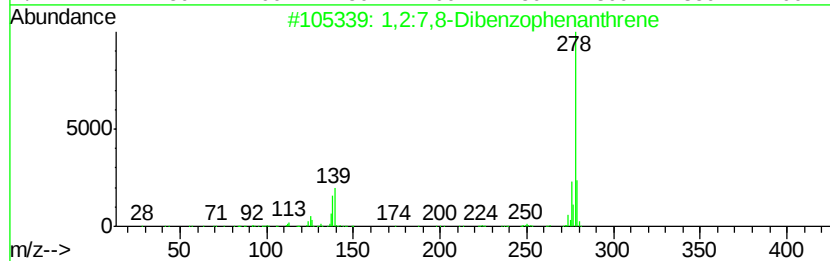
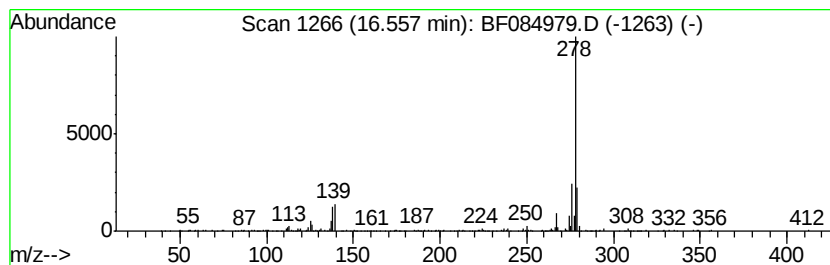
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:7,8-Dibenzophenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	4.75 ng	464836	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	99
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3		Benzo[b]chrysene	278	C22H14	000214-17-5	93
4		Pentaphene	278	C22H14	000222-93-5	89
5		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
Operator : SJ/IZ
Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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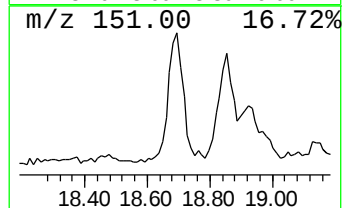
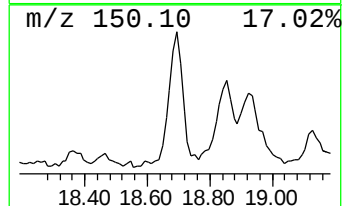
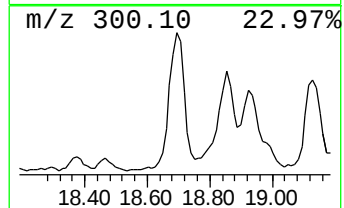
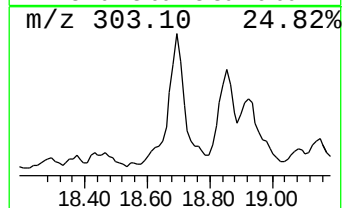
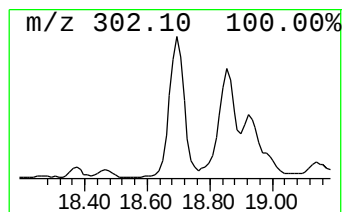
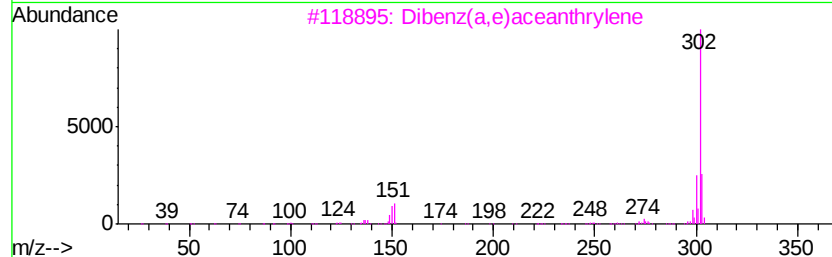
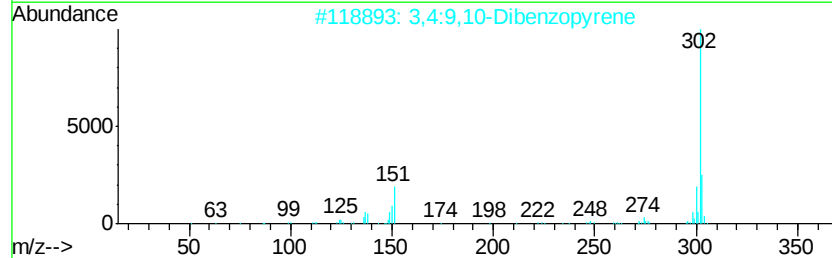
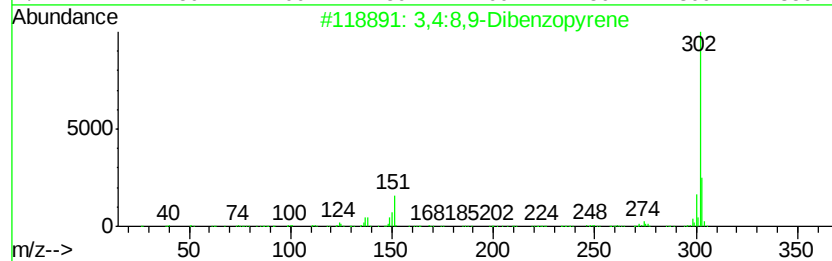
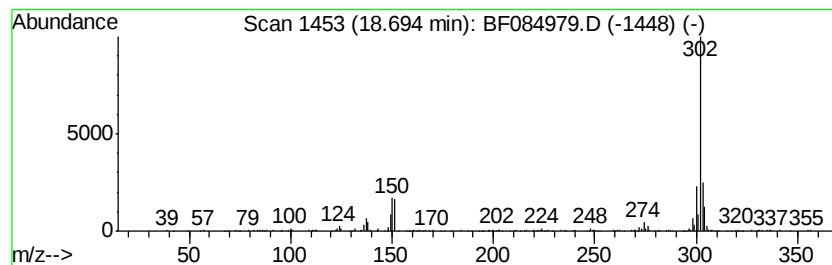
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	6.80 ng	665560	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	96
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084979.D
 Acq On : 10 Feb 2016 3:50
 Operator : SJ/IZ
 Sample : H1361-02 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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...	4.76	15.9	ng	771676	1	6.64	972428	20.0
unknown6.40	6.40	53.7	ng	2611800	1	6.64	972428	20.0
Diphenylmethane	10.29	4.1	ng	258908	3	9.66	1258790	20.0
4H-Cyclopenta[def...	11.76	7.9	ng	2088200	4	11.15	5288490	20.0
Pyrene, 2-methyl-	12.91	6.5	ng	2856150	5	13.79	8743160	20.0
Fluoranthene, 2-m...	12.98	4.2	ng	1828510	5	13.79	8743160	20.0
Pyrene, 1-methyl-	13.01	5.1	ng	2239820	5	13.79	8743160	20.0
Cyclopenta(cd)pyr...	13.89	4.9	ng	2139170	5	13.79	8743160	20.0
Benz(A)anthracene...	14.48	10.2	ng	999255	6	15.15	1956480	20.0
Benzo[c]phenanthr...	14.58	3.6	ng	349059	6	15.15	1956480	20.0
4,6'-Biazulenyl	14.64	5.0	ng	488052	6	15.15	1956480	20.0
Benzo(a)pyrene 4,...	14.97	6.7	ng	657749	6	15.15	1956480	20.0
1,2:7,8-Dibenzoph...	16.56	4.8	ng	464836	6	15.15	1956480	20.0
3,4:8,9-Dibenzopy...	18.69	6.8	ng	665560	6	15.15	1956480	20.0