

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093184.D
 Acq On : 25 Feb 2017 11:12
 Operator : SJ/MA
 Sample : I1972-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-2

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-BF013017.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	5.001	252	255	270	rVB	996087	1510666	23.44%	1.419%
2	5.424	290	292	295	rBV	2629679	3290377	51.04%	3.091%
3	6.476	381	384	387	rBV	3321678	3542956	54.96%	3.328%
4	6.601	392	395	397	rBV	3680898	3367035	52.23%	3.163%
5	6.830	413	415	418	rBV	1118855	939548	14.58%	0.882%
6	6.990	426	429	431	rBV	3019199	2688462	41.71%	2.525%
7	7.402	462	465	468	rBV	2078059	2033750	31.55%	1.910%
8	8.122	526	528	532	rBV	1343952	1294226	20.08%	1.216%
9	9.207	620	623	625	rBV	2414282	3307442	51.31%	3.107%
10	9.596	655	657	660	rVV	307147	266934	4.14%	0.251%
11	9.733	667	669	672	rBV	276788	365720	5.67%	0.344%
12	9.882	679	682	683	rBV	1068062	1146388	17.78%	1.077%
13	9.905	683	684	686	rVB	235454	263849	4.09%	0.248%
14	10.076	697	699	702	rBV	180984	242881	3.77%	0.228%
15	10.419	728	729	732	rVB	382740	441369	6.85%	0.415%
16	10.579	742	743	748	rVB	151224	136474	2.12%	0.128%
17	10.670	748	751	753	rVV	1562994	1666816	25.86%	1.566%
18	10.785	756	761	765	rVB2	143284	248898	3.86%	0.234%
19	10.968	774	777	781	rBV3	120535	309586	4.80%	0.291%
20	11.128	786	791	793	rVV3	97036	247661	3.84%	0.233%
21	11.173	793	795	797	rVB	247079	220228	3.42%	0.207%
22	11.230	797	800	801	rBV2	137670	266690	4.14%	0.250%
23	11.253	801	802	806	rVB	244063	344326	5.34%	0.323%
24	11.390	809	814	816	rBV2	3902637	5076584	78.75%	4.768%
25	11.436	816	818	820	rVV	987562	1122212	17.41%	1.054%
26	11.596	829	832	836	rBV	795001	929940	14.43%	0.873%
27	11.653	836	837	839	rBV2	182233	191303	2.97%	0.180%
28	11.699	839	841	843	rVB2	121822	148080	2.30%	0.139%
29	11.859	853	855	857	rBV	449666	712343	11.05%	0.669%
30	11.893	857	858	860	rVB	1026738	798480	12.39%	0.750%
31	11.939	860	862	864	rBV	337850	374905	5.82%	0.352%
32	11.973	864	865	870	rVB	934583	1565201	24.28%	1.470%
33	12.156	879	881	883	rVV	434015	449148	6.97%	0.422%
34	12.191	883	884	886	rVB	546472	438186	6.80%	0.412%

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35	12.305	892	894	896	rBV	155892	211838	3.29%	0.199%
36	12.419	901	904	905	rBV	359525	494193	7.67%	0.464%
37	12.453	905	907	910	rVB2	291196	474605	7.36%	0.446%
38	12.511	910	912	915	rBV	336338	416929	6.47%	0.392%
39	12.591	915	919	921	rBV	5049564	6228877	96.63%	5.851%
40	12.648	921	924	925	rVB3	145640	231730	3.59%	0.218%
41	12.671	925	926	928	rVB	200809	199444	3.09%	0.187%
42	12.728	928	931	933	rBV2	402643	558089	8.66%	0.524%
43	12.819	935	939	941	rVV2	4461391	6446082	100.00%	6.055%
44	12.853	941	942	945	rVB2	373950	427492	6.63%	0.402%
45	12.945	946	950	954	rVB3	1577864	2924063	45.36%	2.746%
46	13.025	954	957	959	rBV2	513513	913245	14.17%	0.858%
47	13.139	963	967	969	rVB	1117629	1550180	24.05%	1.456%
48	13.208	971	973	974	rVV	529633	672306	10.43%	0.631%
49	13.242	974	976	979	rVV	660296	840365	13.04%	0.789%
50	13.334	982	984	985	rBV	348812	304520	4.72%	0.286%
51	13.356	985	986	990	rVB3	279643	455722	7.07%	0.428%
52	13.562	998	1004	1005	rBV3	237274	704401	10.93%	0.662%
53	13.619	1007	1009	1010	rBV	153588	183758	2.85%	0.173%
54	13.642	1010	1011	1014	rVB	394919	557443	8.65%	0.524%
55	13.756	1018	1021	1022	rBV	852571	947943	14.71%	0.890%
56	13.802	1024	1025	1028	rVV2	387760	870017	13.50%	0.817%
57	13.859	1028	1030	1033	rVB	758739	854870	13.26%	0.803%
58	13.928	1033	1036	1039	rVB	178994	315681	4.90%	0.297%
59	14.008	1039	1043	1044	rBV	3099432	5379205	83.45%	5.053%
60	14.042	1044	1046	1048	rVV	3243506	3679966	57.09%	3.456%
61	14.111	1050	1052	1055	rVV	479601	677265	10.51%	0.636%
62	14.156	1055	1056	1059	rVV3	269375	548226	8.50%	0.515%
63	14.202	1059	1060	1061	rVV	359664	336938	5.23%	0.316%
64	14.236	1061	1063	1064	rVV2	504304	643967	9.99%	0.605%
65	14.271	1064	1066	1069	rVB3	194413	287971	4.47%	0.270%
66	14.351	1072	1073	1075	rBV2	212596	371623	5.77%	0.349%
67	14.396	1075	1077	1078	rVV	762729	816626	12.67%	0.767%
68	14.431	1078	1080	1082	rVV3	356741	509900	7.91%	0.479%
69	14.488	1082	1085	1086	rVV2	344224	668819	10.38%	0.628%
70	14.522	1086	1088	1091	rVV3	353289	758332	11.76%	0.712%
71	14.591	1091	1094	1097	rVB2	253309	410409	6.37%	0.385%

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72	14.705	1102	1104	1106	rBV2	274745	384853	5.97%	0.361%
73	14.877	1117	1119	1123	rBV	317851	437215	6.78%	0.411%
74	15.048	1130	1134	1138	rBV	2436193	5874205	91.13%	5.517%
75	15.105	1138	1139	1140	rVV	168368	153802	2.39%	0.144%
76	15.139	1140	1142	1144	rVV	718779	763463	11.84%	0.717%
77	15.231	1147	1150	1152	rVV2	169797	431018	6.69%	0.405%
78	15.277	1152	1154	1156	rVV2	202405	387979	6.02%	0.364%
79	15.334	1156	1159	1162	rVV	1448898	2344280	36.37%	2.202%
80	15.391	1162	1164	1167	rVV	1963829	2816699	43.70%	2.646%
81	15.448	1167	1169	1170	rVV	676818	868279	13.47%	0.816%
82	15.482	1170	1172	1175	rVV2	712611	1149410	17.83%	1.080%
83	15.539	1175	1177	1181	rVV5	99185	271813	4.22%	0.255%
84	15.608	1181	1183	1185	rVV	138281	289352	4.49%	0.272%
85	15.654	1185	1187	1190	rVV3	166627	347273	5.39%	0.326%
86	15.745	1193	1195	1197	rVV2	100300	157502	2.44%	0.148%
87	15.791	1197	1199	1202	rVB2	84231	155380	2.41%	0.146%
88	15.859	1202	1205	1207	rBV	119478	218981	3.40%	0.206%
89	15.985	1214	1216	1218	rVB	113759	164237	2.55%	0.154%
90	16.442	1252	1256	1258	rBV2	50094	147881	2.29%	0.139%
91	16.671	1272	1276	1277	rBV2	123514	282343	4.38%	0.265%
92	16.865	1289	1293	1296	rVV	874431	1897293	29.43%	1.782%
93	16.922	1296	1298	1302	rVB	87040	152062	2.36%	0.143%
94	17.014	1302	1306	1309	rBV2	204457	464980	7.21%	0.437%
95	17.071	1309	1311	1314	rVV2	179721	373804	5.80%	0.351%
96	17.128	1314	1316	1322	rVB4	98119	279819	4.34%	0.263%
97	17.288	1326	1330	1335	rBV	651361	1391021	21.58%	1.307%
98	17.505	1346	1349	1357	rVB2	184499	563579	8.74%	0.529%
99	18.008	1390	1393	1402	rVB3	57834	227850	3.53%	0.214%
100	19.437	1513	1518	1526	rVB2	179317	647227	10.04%	0.608%

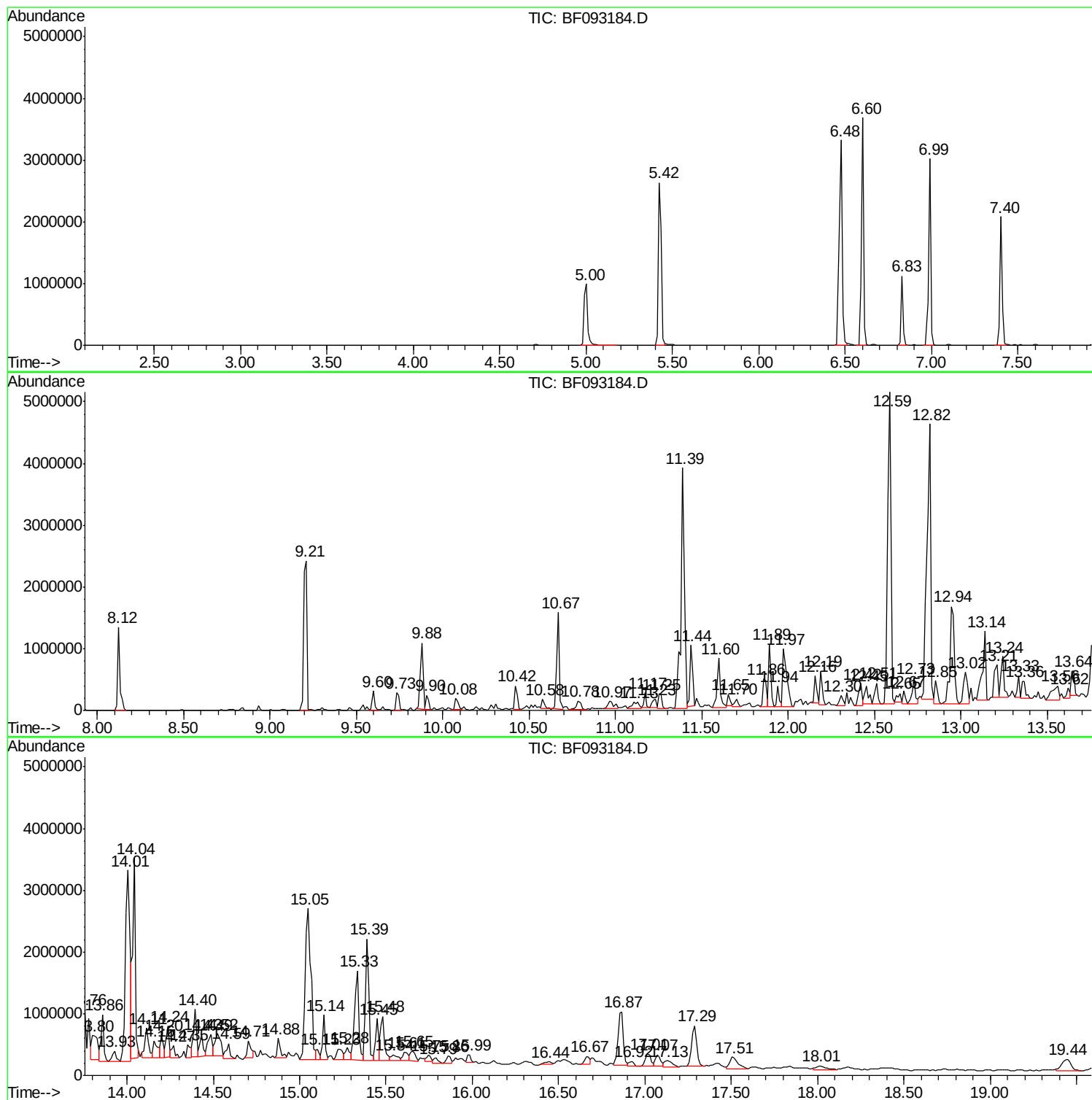
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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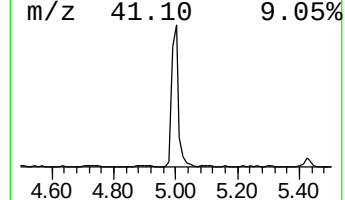
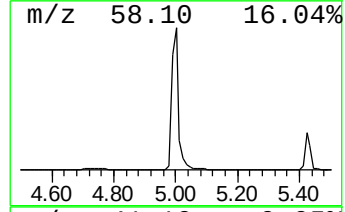
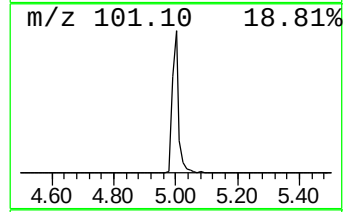
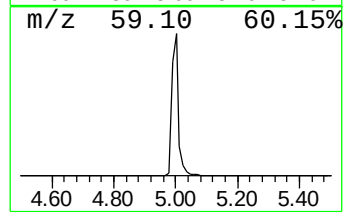
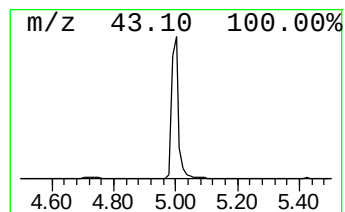
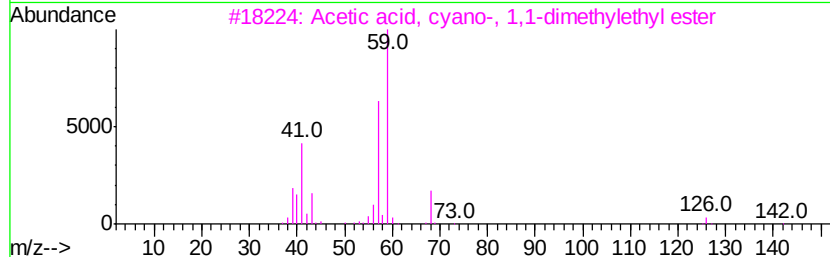
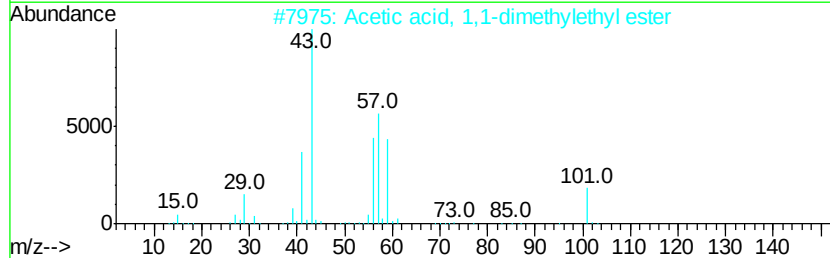
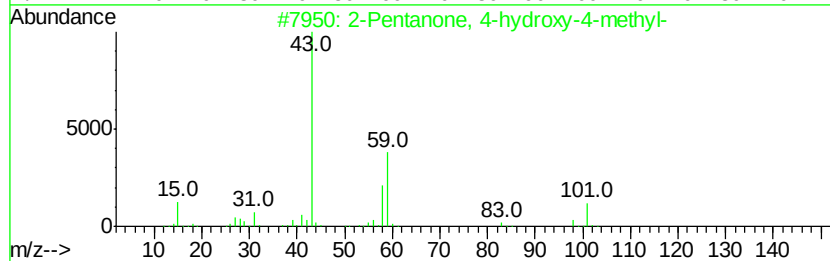
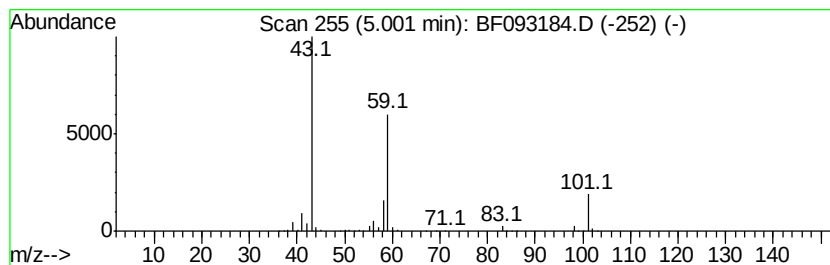
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.00	32.16 ng	1510670	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9



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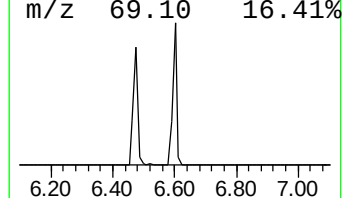
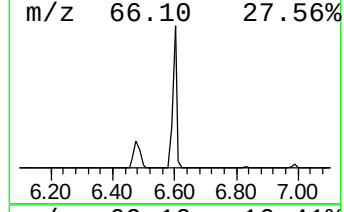
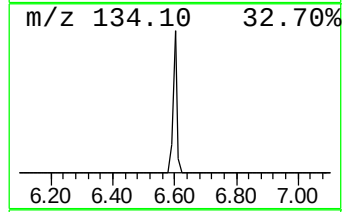
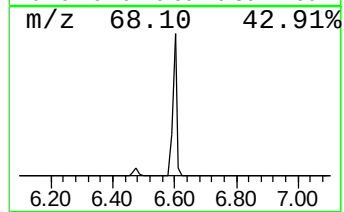
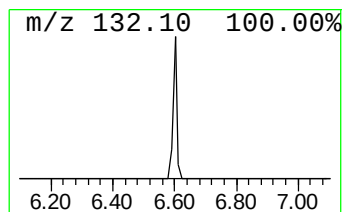
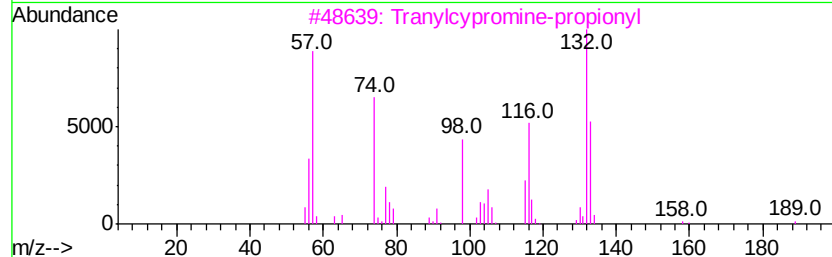
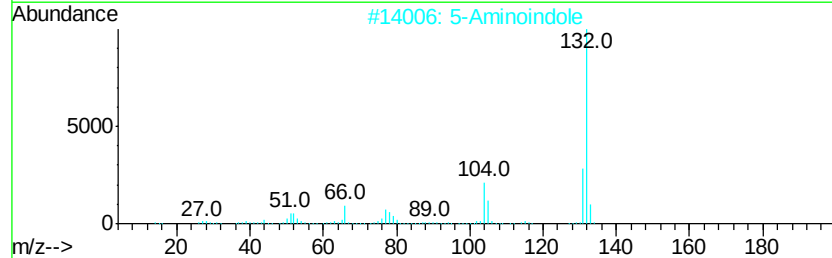
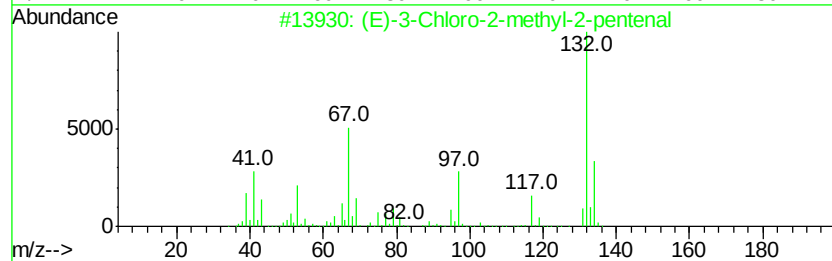
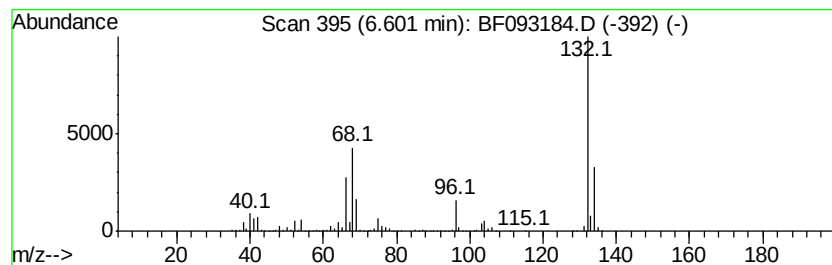
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	71.67 ng	3367040	1,4-Dichlorobenzene-d4	6.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10	
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9	
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9	



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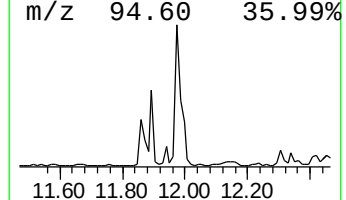
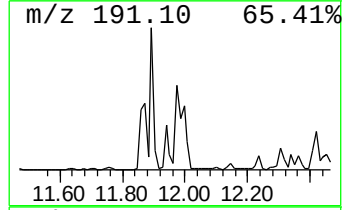
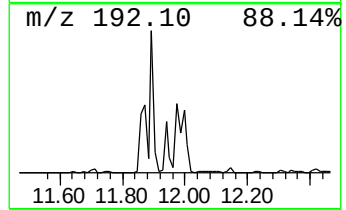
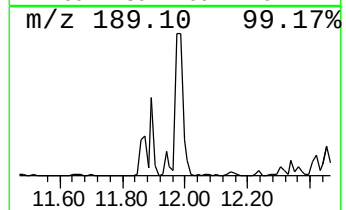
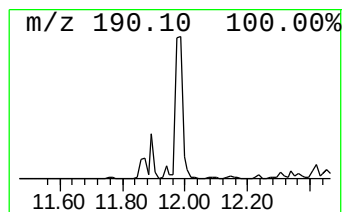
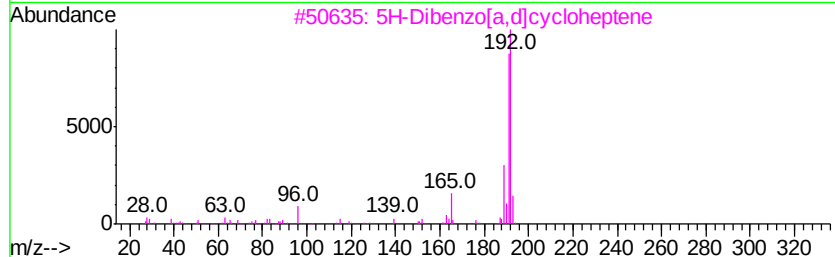
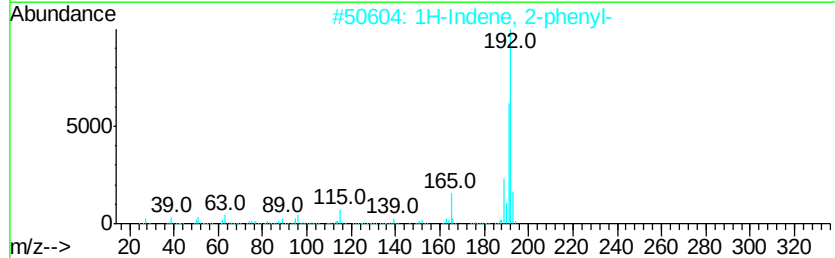
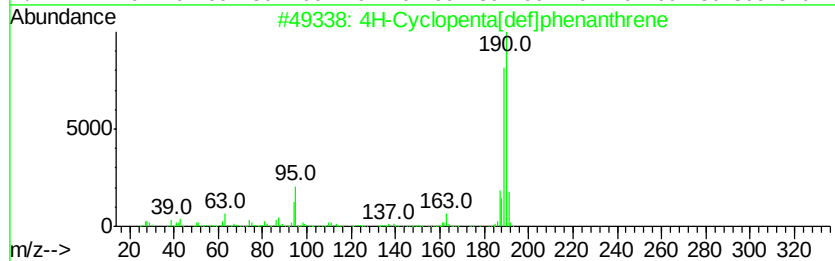
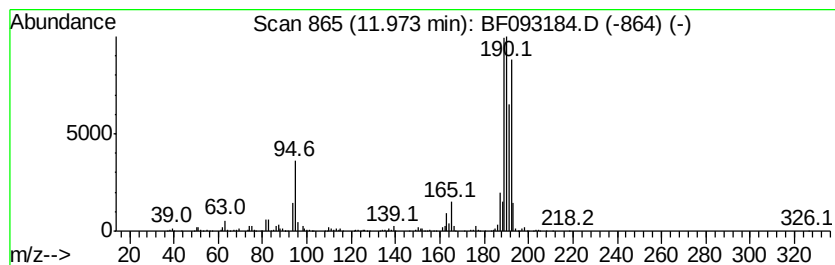
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.17 ng	1565200	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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Acq On : 25 Feb 2017 11:12
Operator : SJ/MA
Sample : I1972-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

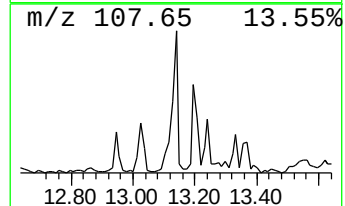
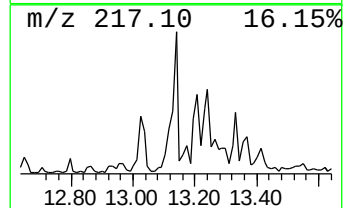
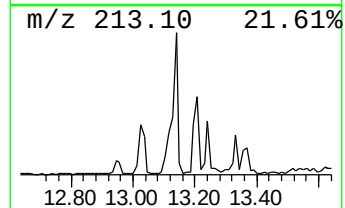
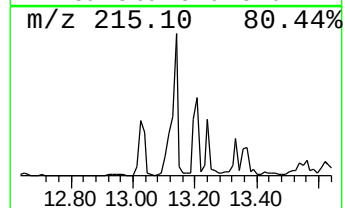
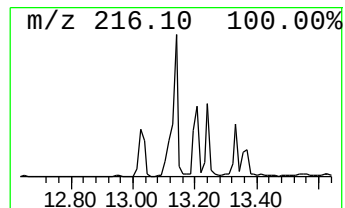
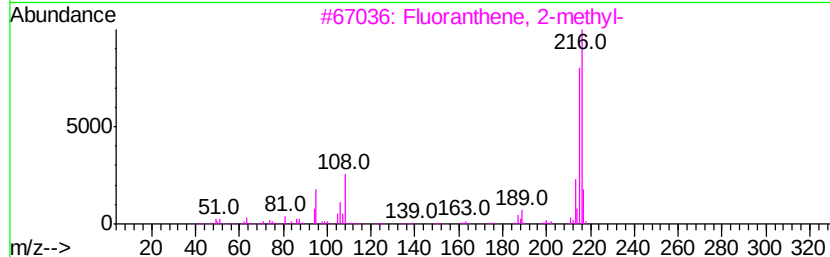
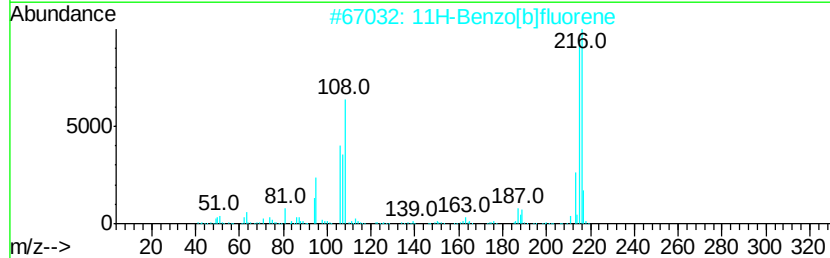
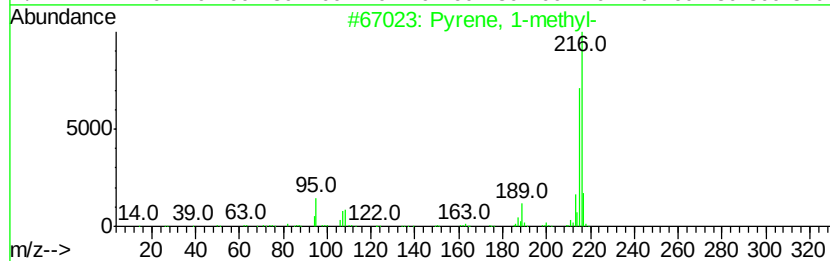
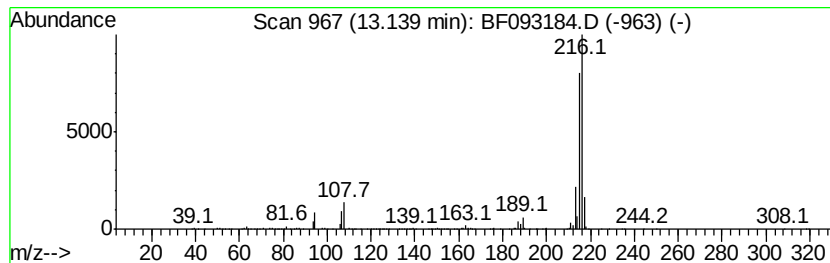
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ClientSampleId :
E2B21-WESTSW-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.76 ng	1550180	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
5		Pyrene, 4-methyl-	216 C17H12	003353-12-6 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093184.D
Acq On : 25 Feb 2017 11:12
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Sample : I1972-08
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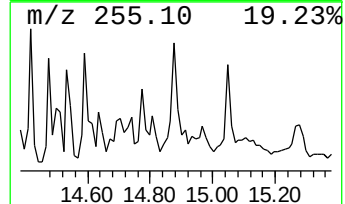
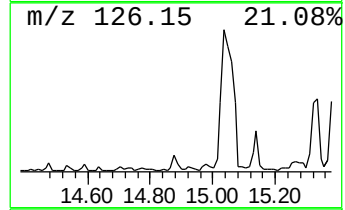
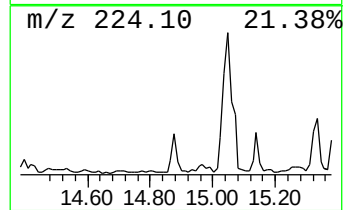
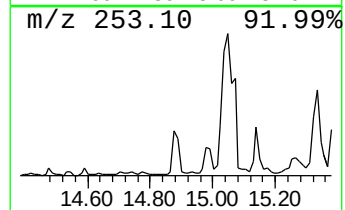
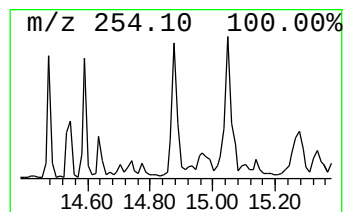
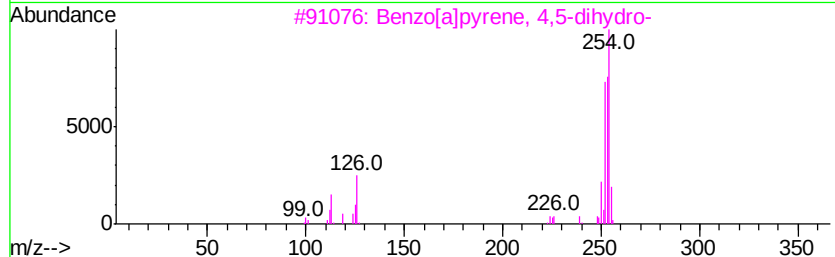
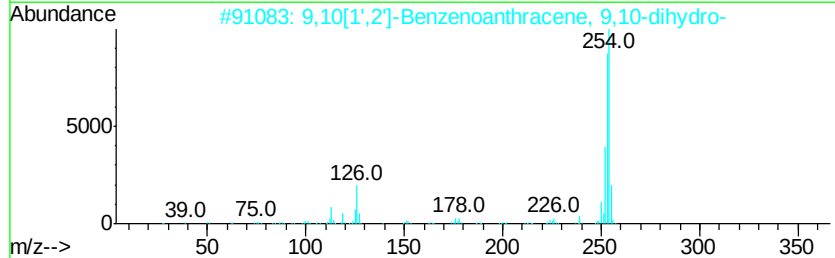
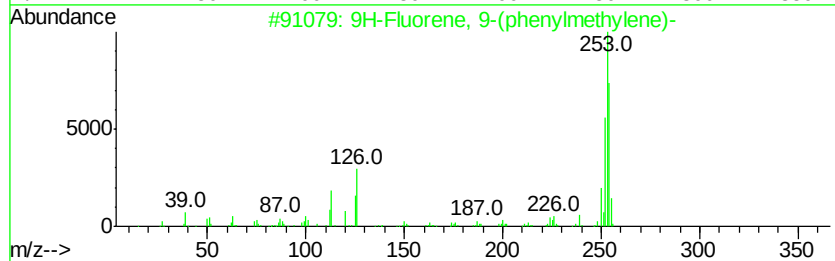
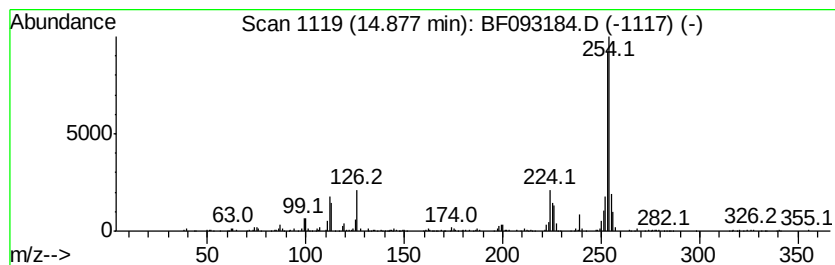
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene, 9-(phenylmethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	10.07 ng	437215	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluorene, 9-(phenylmethylenyl)-	254 C20H14	001836-87-9	81
2	9,10[1',2']-Benzenoanthracene, 9...	254 C20H14	000477-75-8	81
3	Benzo[a]pyrene, 4,5-dihydro-	254 C20H14	057652-66-1	72
4	4,5-Dihydrobenzo[a]pyrene	254 C20H14	095676-42-9	68
5	Benzenamine, 4,4'-methylenebis[N...	254 C17H22N2	000101-61-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093184.D
Acq On : 25 Feb 2017 11:12
Operator : SJ/MA
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ALS Vial : 37 Sample Multiplier: 1

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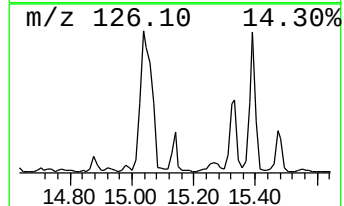
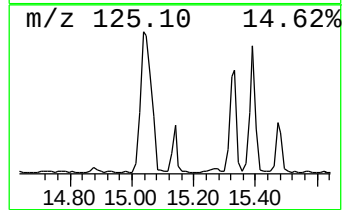
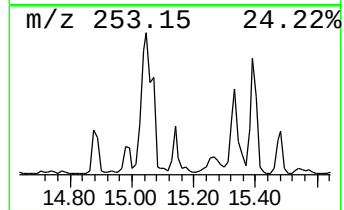
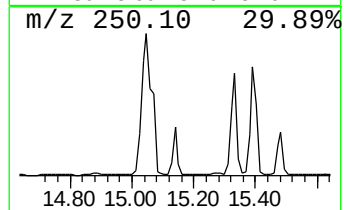
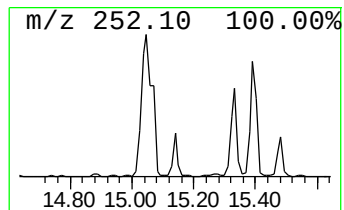
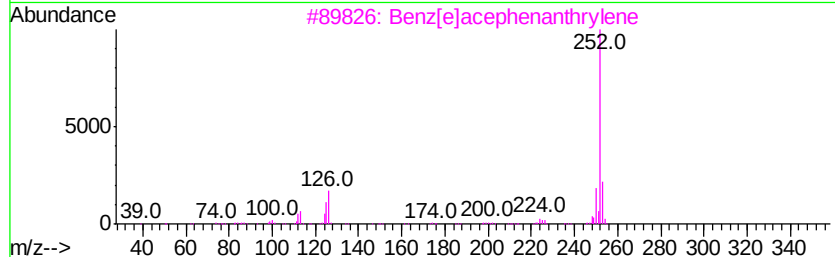
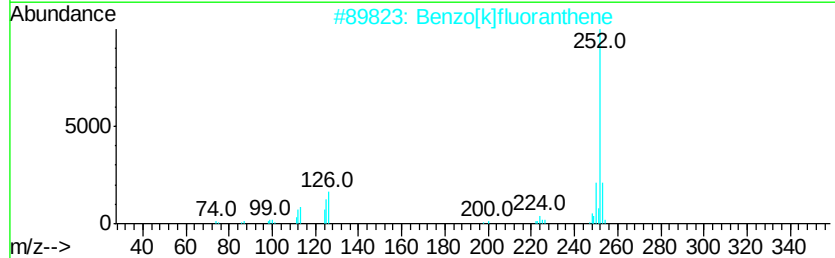
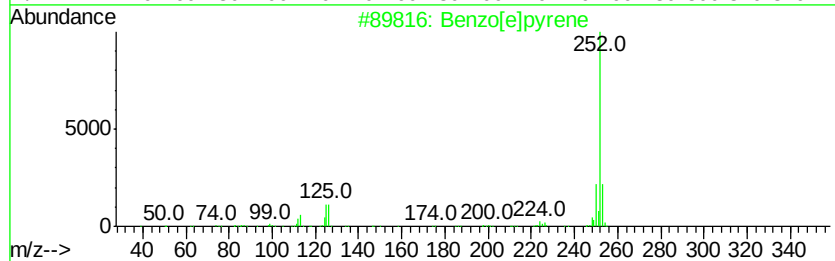
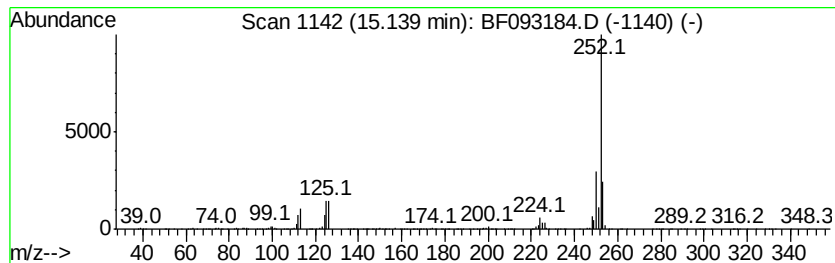
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	17.59 ng	763463	Perylene-d12	15.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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Acq On : 25 Feb 2017 11:12
Operator : SJ/MA
Sample : I1972-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

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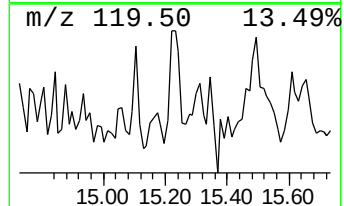
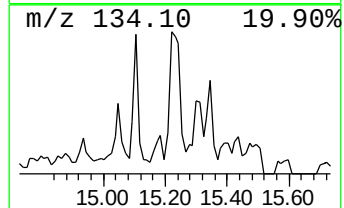
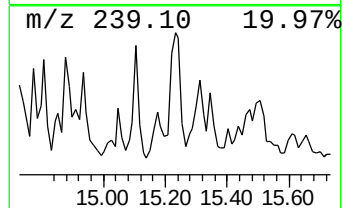
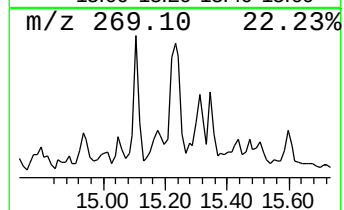
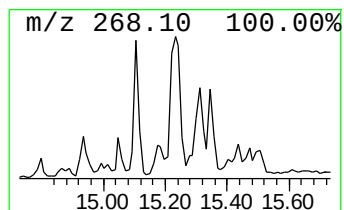
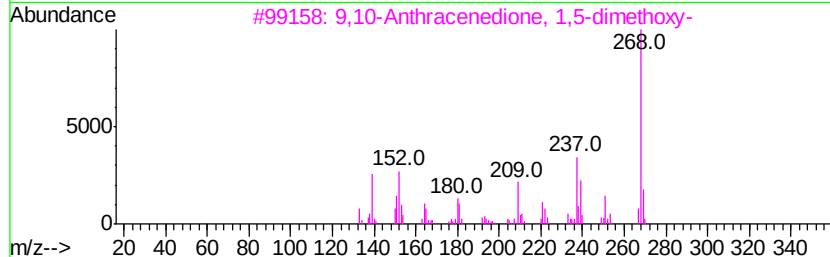
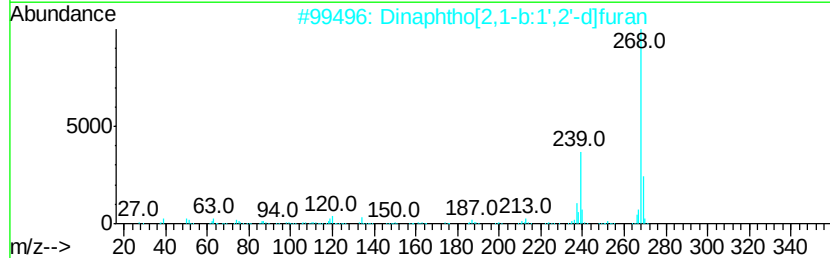
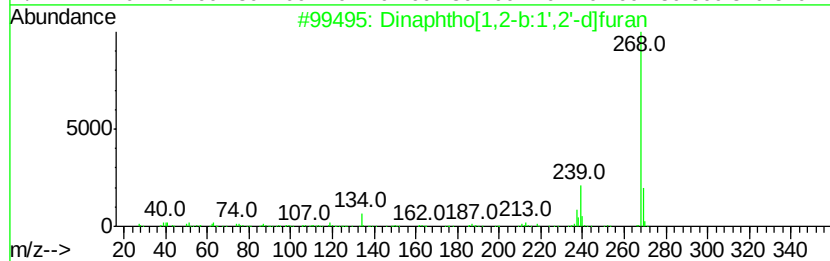
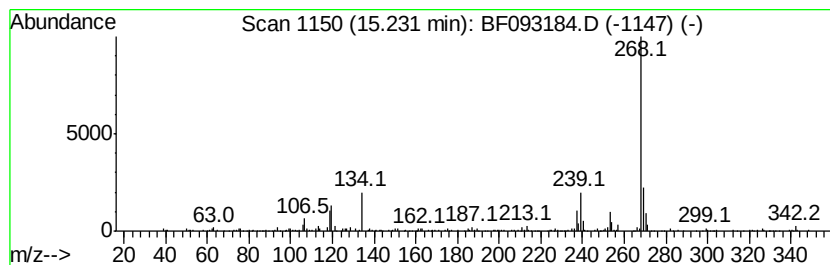
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	9.93 ng	431018	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	92
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	70
3		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
4		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	52
5		trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093184.D
Acq On : 25 Feb 2017 11:12
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Instrument :
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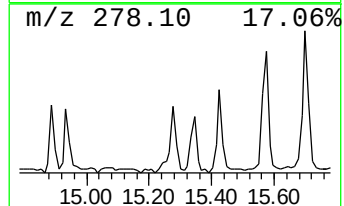
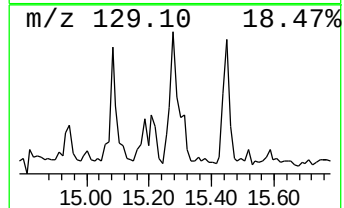
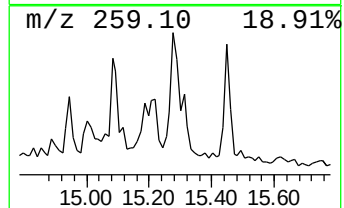
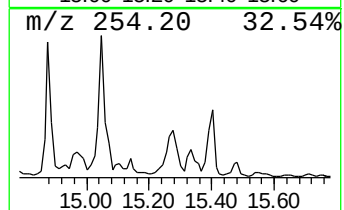
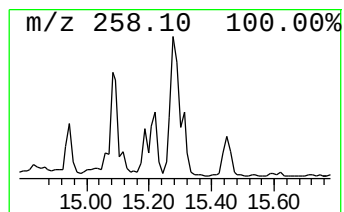
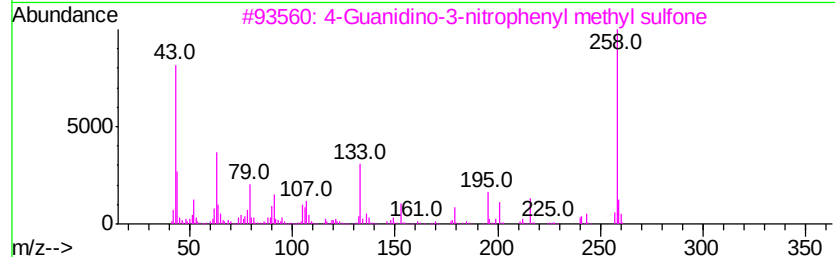
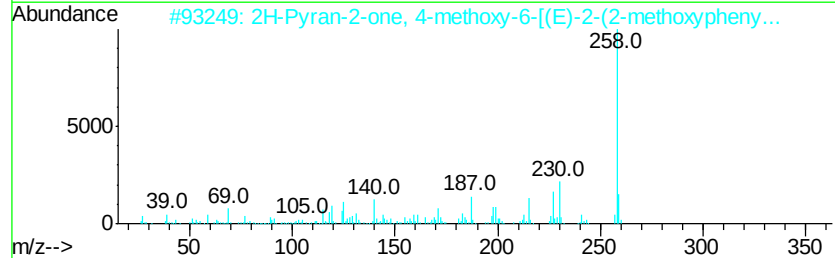
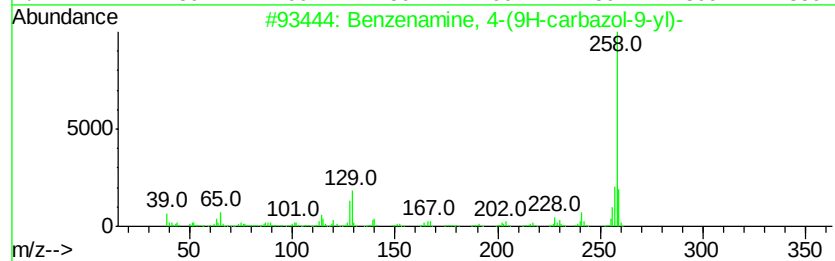
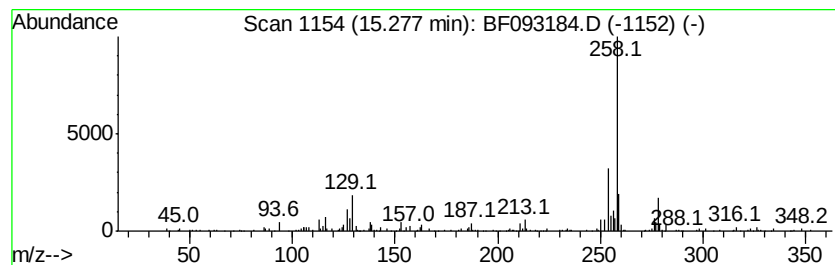
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzenamine, 4-(9H-carbazol... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	8.94 ng	387979	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	52
2		2H-Pyran-2-one, 4-methoxy-6-[(E)...	258	C15H14O4	013709-16-5	49
3		4-Guanidino-3-nitrophenyl methyl...	258	C8H10N4O4S	1000214-45-0	49
4		2',5'-Dimethoxy-2-biphenylcarbox...	258	C15H14O4	003525-23-3	49
5		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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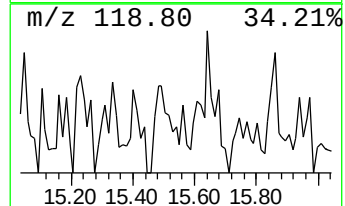
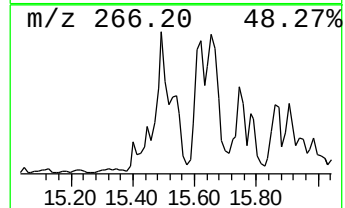
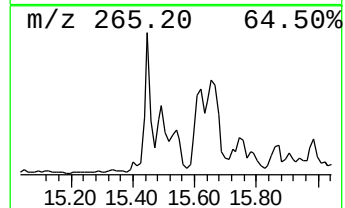
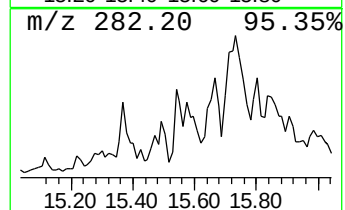
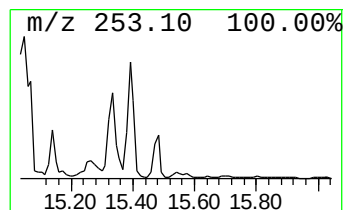
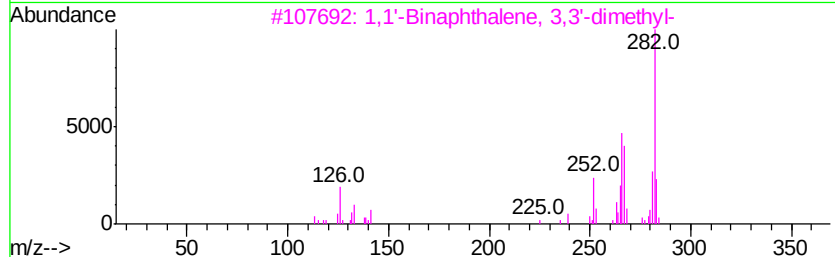
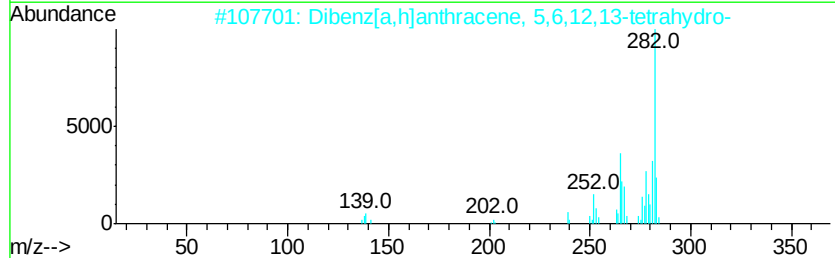
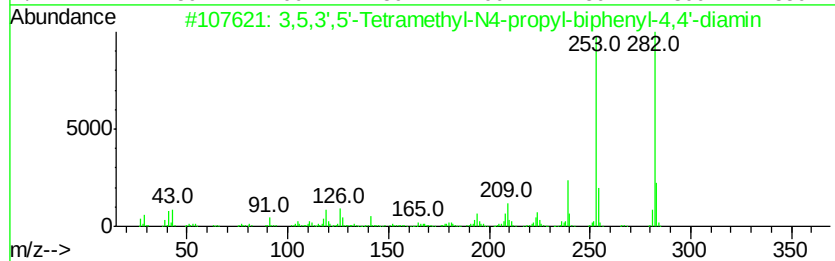
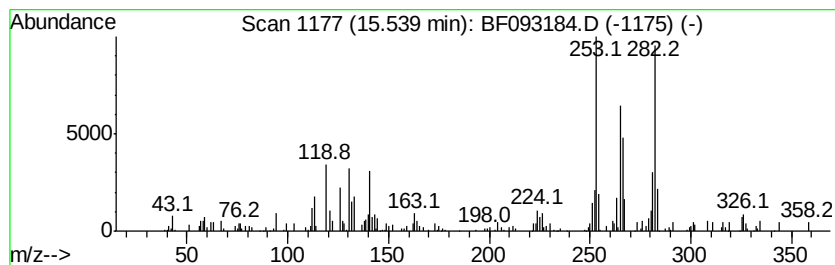
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3,5,3',5'-Tetramethyl-N4-pr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.54	6.26 ng	271813	Perylene-d12	15.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5,3',5'-Tetramethyl-N4-propyl-	...	282	C19H26N2	1000193-02-0	53
2	Dibenz[a,h]anthracene, 5,6,12,13-	...	282	C22H18	000153-31-1	49
3	1,1'-Binaphthalene, 3,3'-dimethyl-	...	282	C22H18	034042-82-5	49
4	2,3-Bis(ethylthio)-5,8-quinoxali-	...	282	C12H14N2O2S2	002427-89-6	47
5	4,4'-Dimethyl-1,1'-binaphthylene	...	282	C22H18	019224-41-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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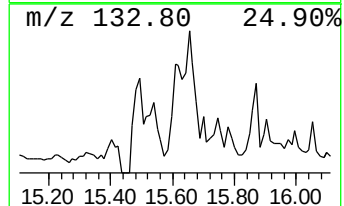
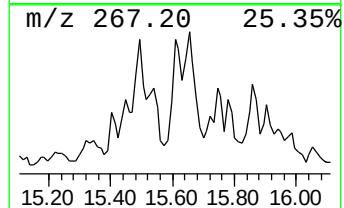
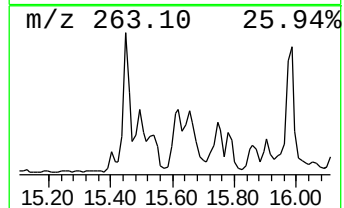
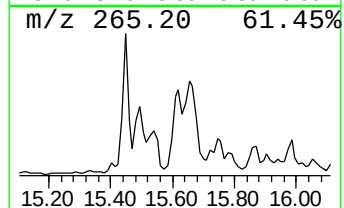
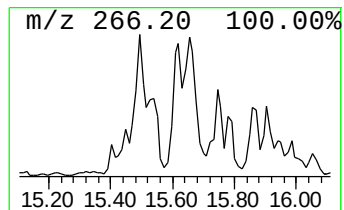
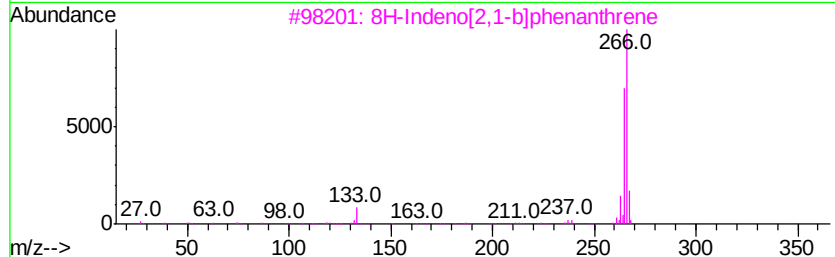
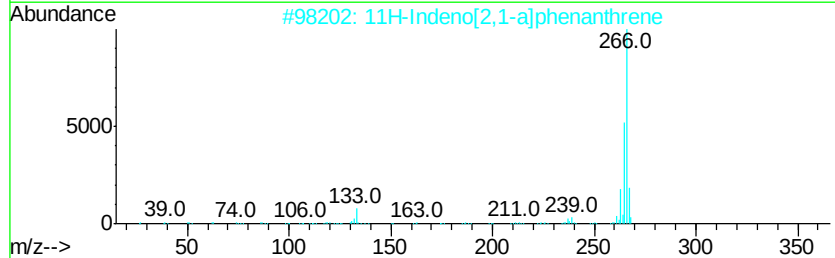
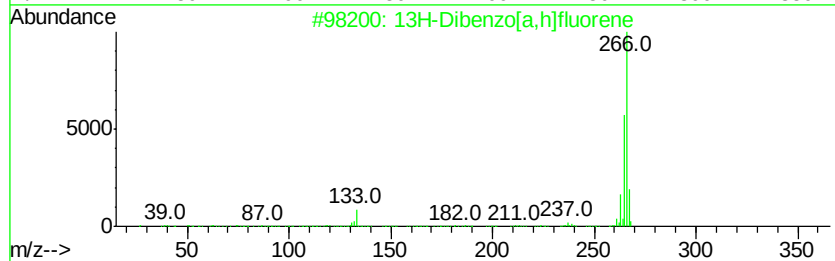
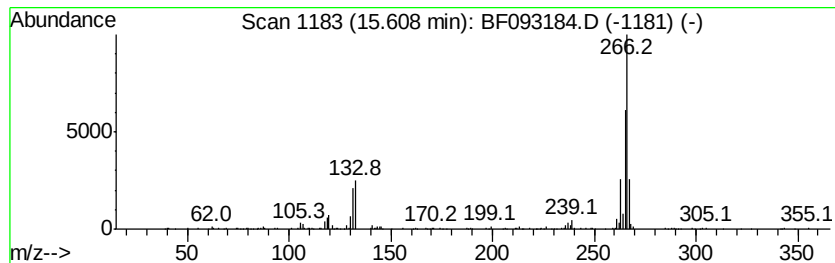
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ClientSampleId :
E2B21-WESTSW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 13H-Dibenzo[a,h]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.61	6.66 ng	289352	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	86
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	70
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	68
4	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59
5	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093184.D
Acq On : 25 Feb 2017 11:12
Operator : SJ/MA
Sample : I1972-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B21-WESTSW-2

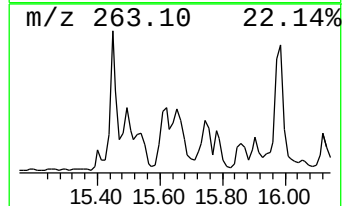
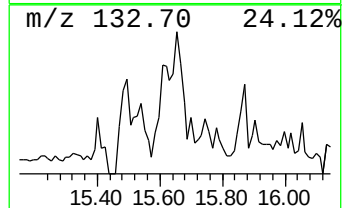
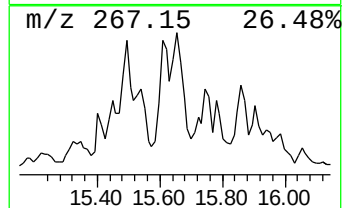
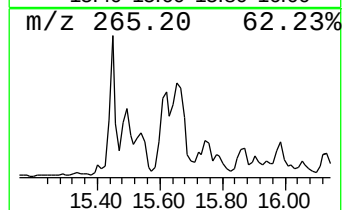
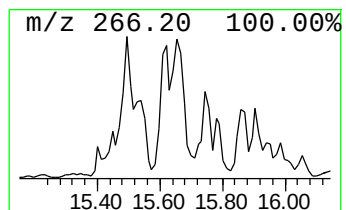
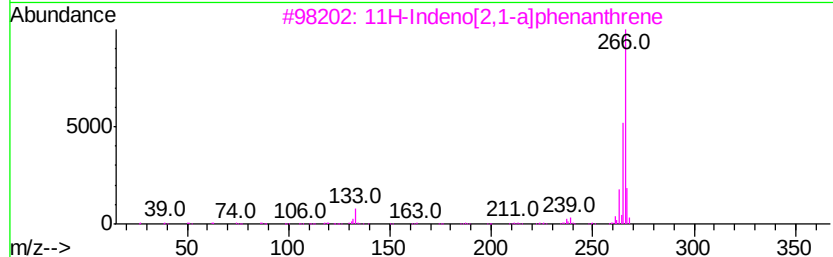
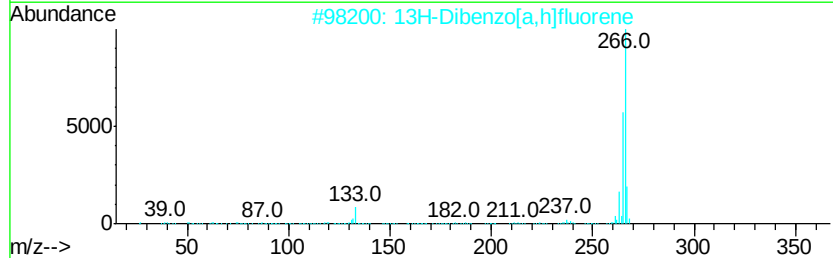
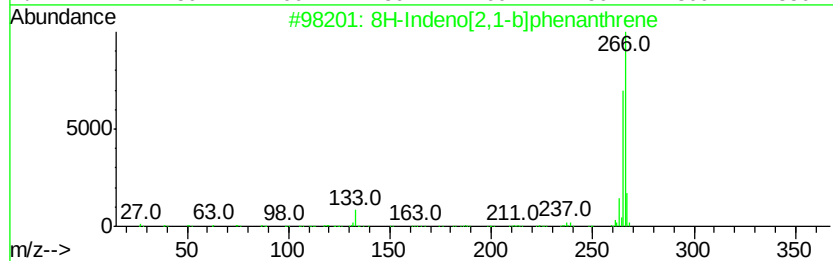
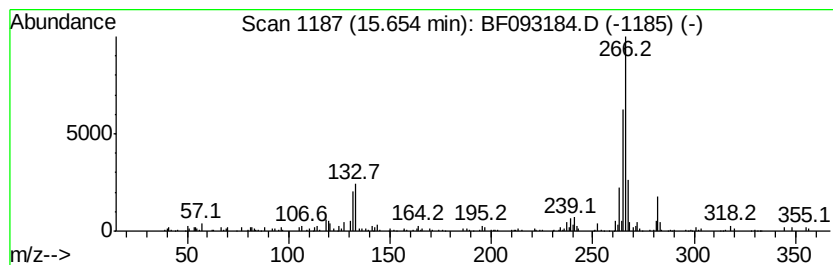
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 8H-Indeno[2,1-b]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	8.00 ng	347273	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	70
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	64
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	60
4		4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	53
5		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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Misc :
ALS Vial : 37 Sample Multiplier: 1

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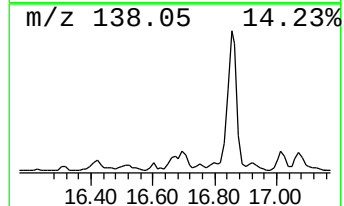
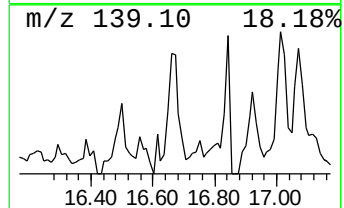
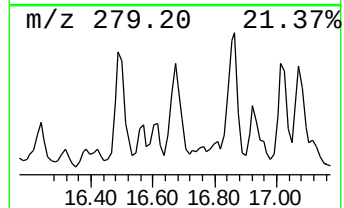
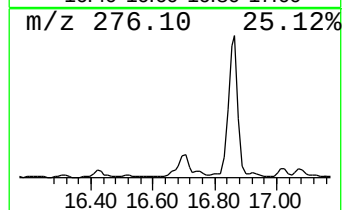
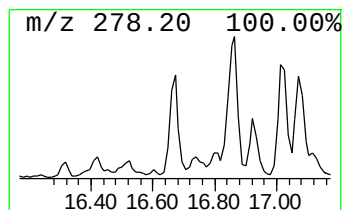
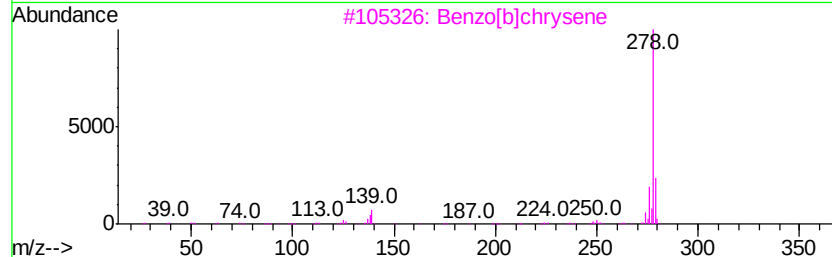
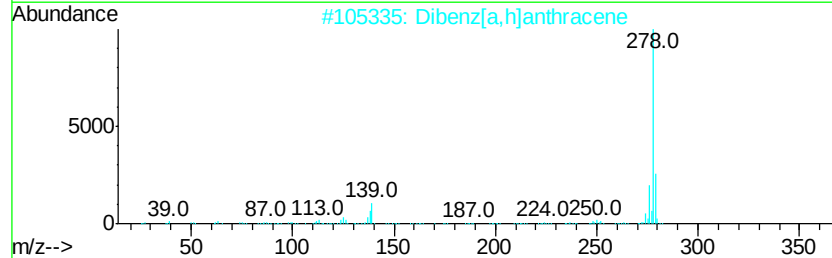
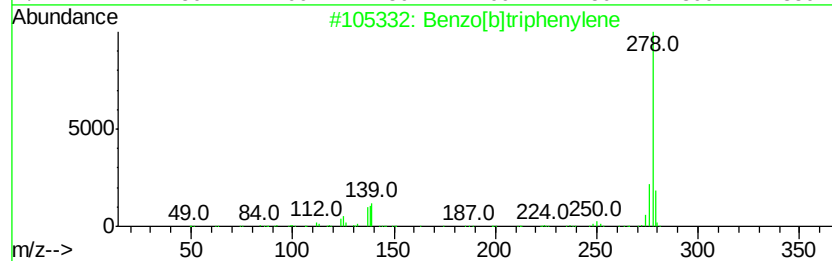
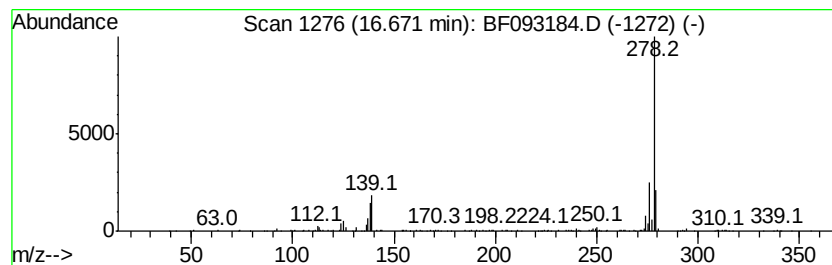
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	6.50 ng	282343	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
3			Benzo[b]chrysene	278	C22H14	000214-17-5	76
4			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	76
5			Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Misc :
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ClientSampleId :
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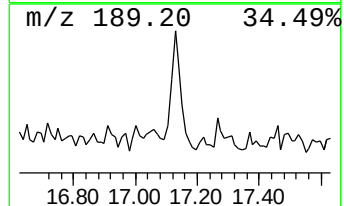
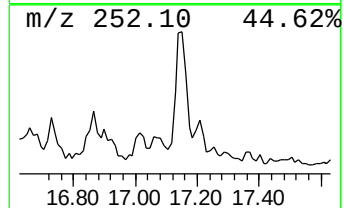
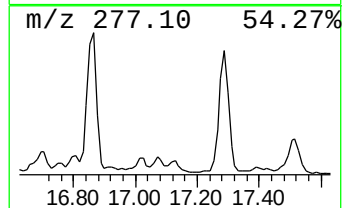
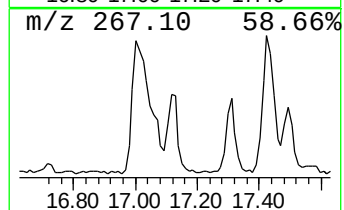
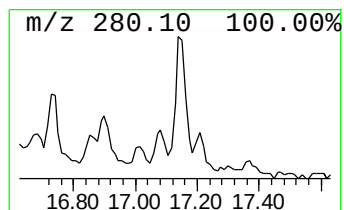
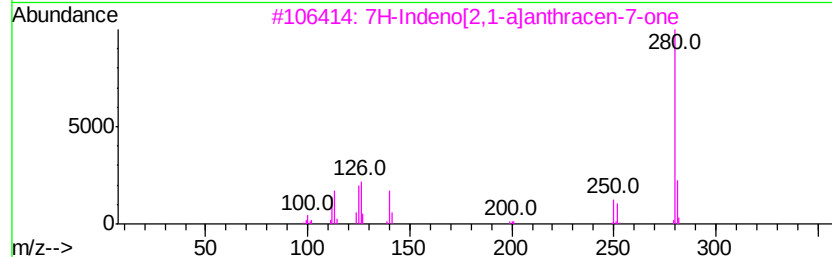
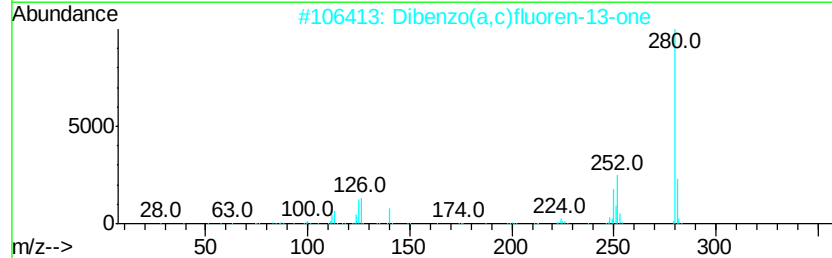
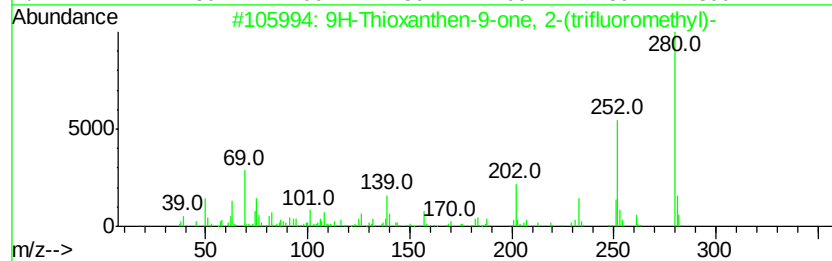
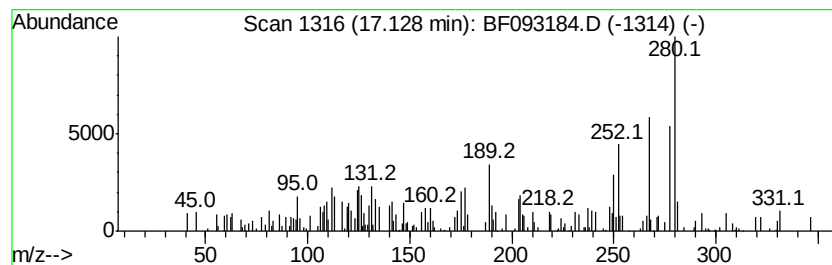
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.13 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	6.45 ng	279819	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Thioxanthen-9-one, 2-(trifluo...	280	C14H7F3OS	001693-28-3	35
2		Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	27
3		7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	25
4		Dibenzo[a,c]phenazine	280	C20H12N2	000215-64-5	25
5		2-Phenyl-6-methoxy-8-nitroquinoline	280	C16H12N2O3	1000255-96-8	25



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Acq On : 25 Feb 2017 11:12
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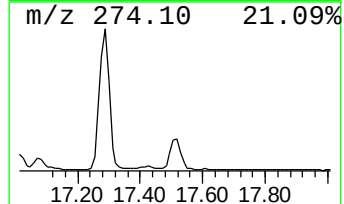
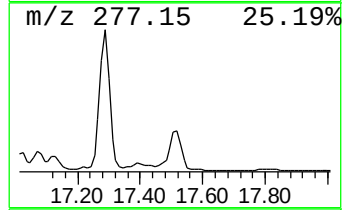
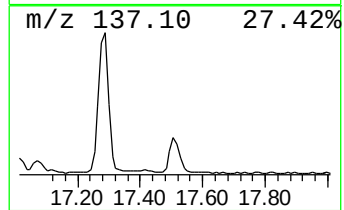
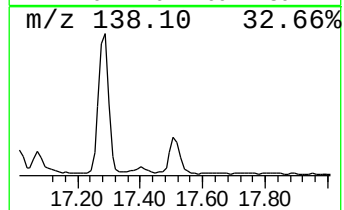
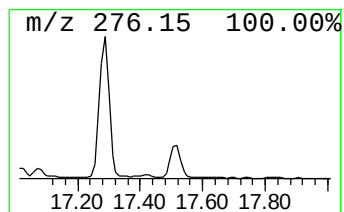
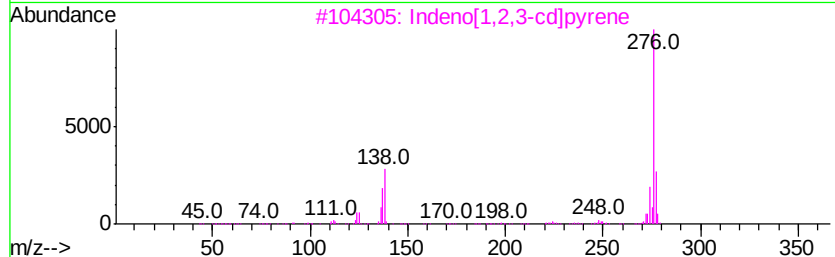
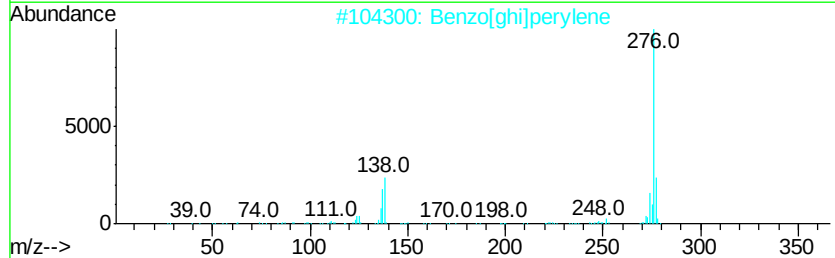
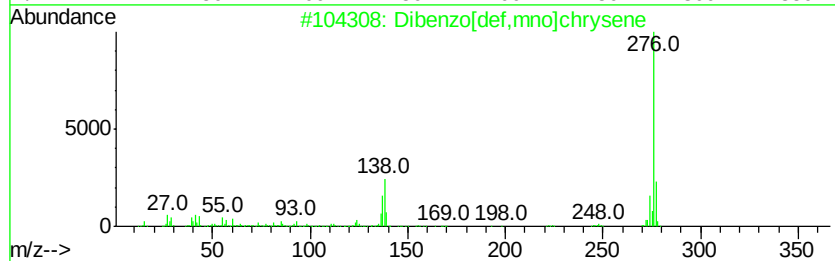
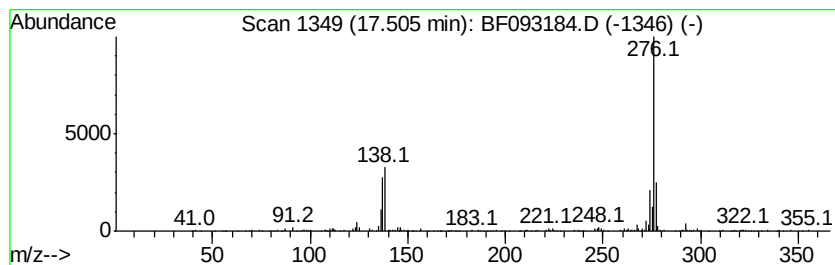
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	12.98 ng	563579	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5		1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093184.D
Acq On : 25 Feb 2017 11:12
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Misc :
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Instrument :
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ClientSampleId :
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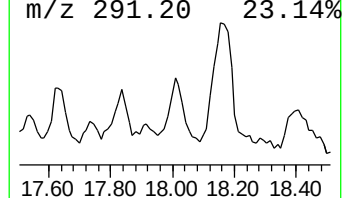
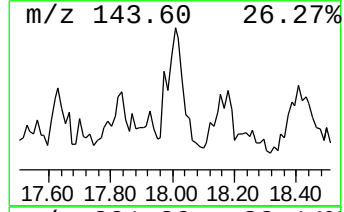
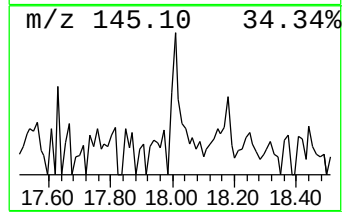
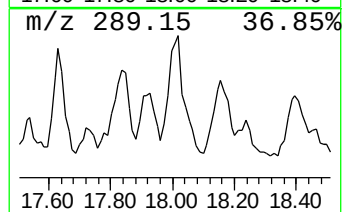
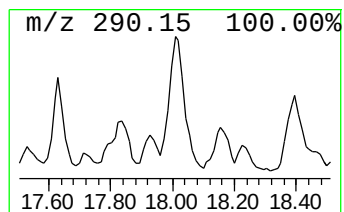
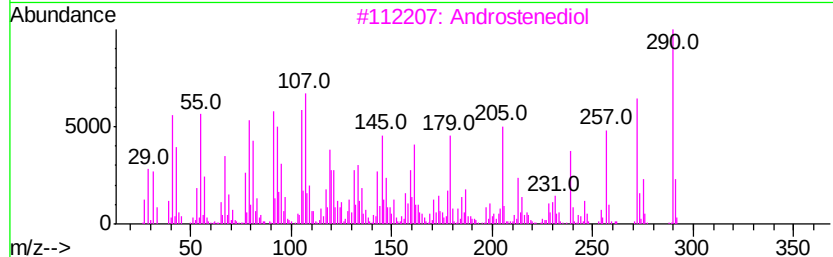
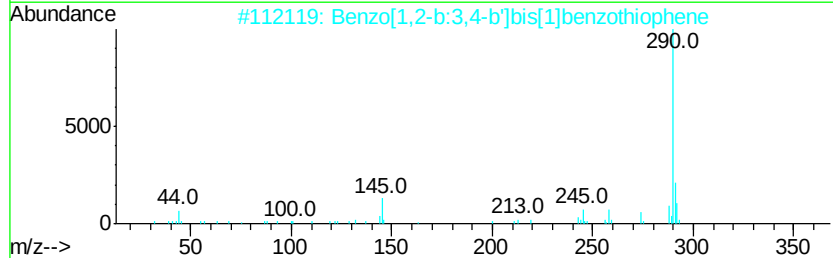
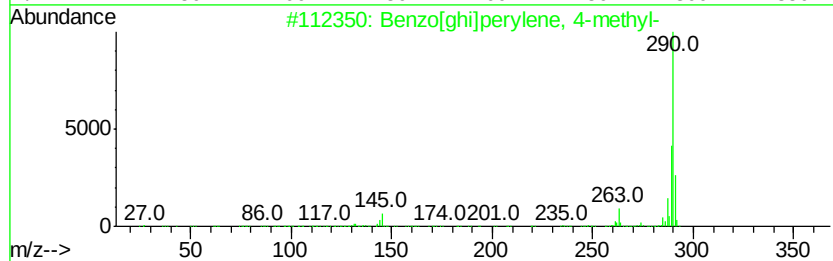
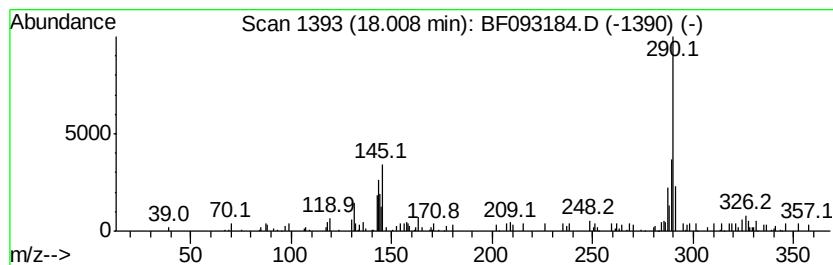
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[ghi]perylene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	5.25 ng	227850	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	53
2		Benzo[1,2-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000198-89-0	47
3		Androstenediol	290	C19H30O2	000521-17-5	40
4		Ferrocene, benzoyl-	290	C17H14FeO	001272-44-2	35
5		5.alpha.-Androstan-17.beta.-ol, ...	290	C20H34O	005846-88-8	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Misc :
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ClientSampleId :
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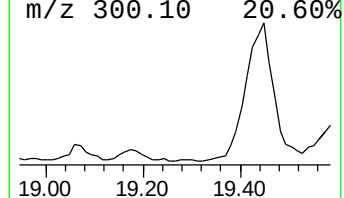
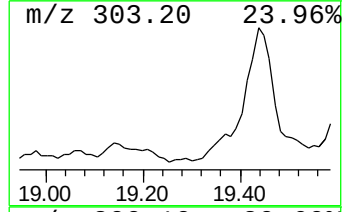
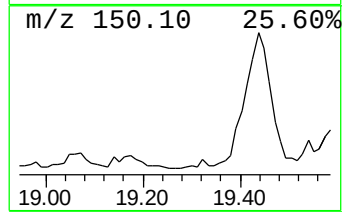
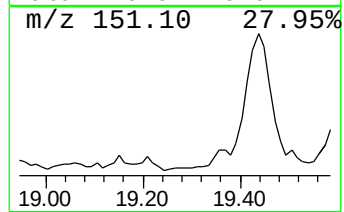
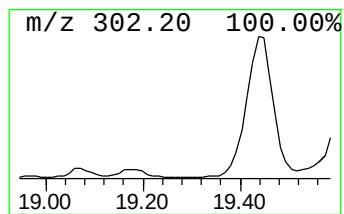
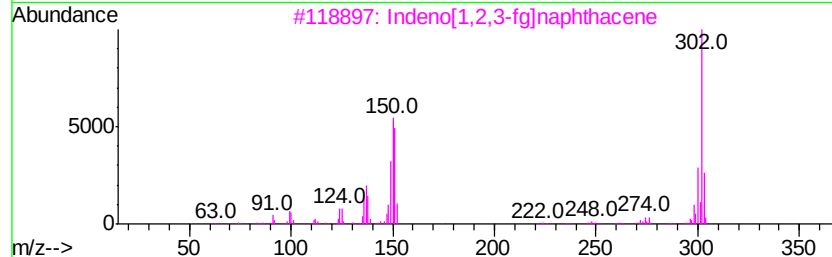
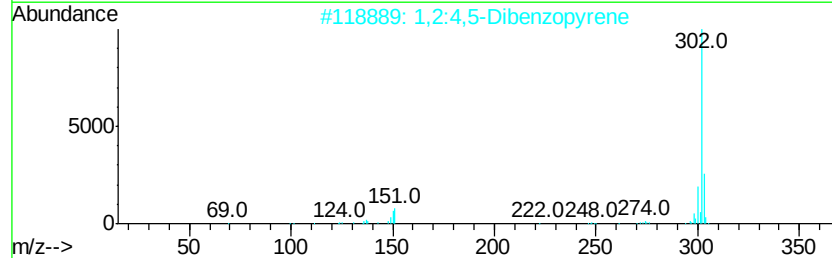
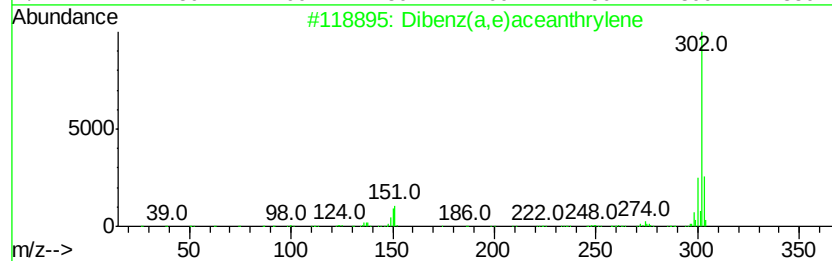
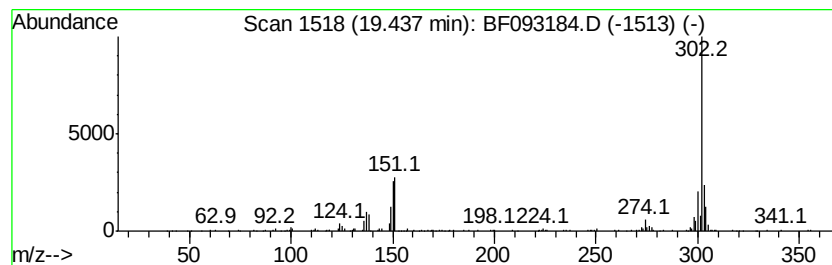
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	14.91 ng	647227	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
3		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	95
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
5		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.00	32.2	ng	1510670	1	6.83	939548	20.0
unknown6.60	6.60	71.7	ng	3367040	1	6.83	939548	20.0
4H-Cyclopenta[def...	11.97	6.2	ng	1565200	4	11.37	5076580	20.0
Pyrene, 1-methyl-	13.14	5.8	ng	1550180	5	14.02	5379210	20.0
9H-Fluorene, 9-(p...	14.88	10.1	ng	437215	6	15.45	868279	20.0
Benzo[e]pyrene	15.14	17.6	ng	763463	6	15.45	868279	20.0
Dinaphtho[1,2-b:1...	15.23	9.9	ng	431018	6	15.45	868279	20.0
Benzenamine, 4-(9...	15.28	8.9	ng	387979	6	15.45	868279	20.0
3,5,3',5'-Tetrame...	15.54	6.3	ng	271813	6	15.45	868279	20.0
13H-Dibenzo[a,h]f...	15.61	6.7	ng	289352	6	15.45	868279	20.0
8H-Indeno[2,1-b]p...	15.65	8.0	ng	347273	6	15.45	868279	20.0
Benzo[b]triphenylene	16.67	6.5	ng	282343	6	15.45	868279	20.0
unknown17.13	17.13	6.5	ng	279819	6	15.45	868279	20.0
Dibenzo[def,mno]c...	17.51	13.0	ng	563579	6	15.45	868279	20.0
Benzo[ghi]perylene...	18.01	5.3	ng	227850	6	15.45	868279	20.0
Dibenz(a,e)aceant...	19.44	14.9	ng	647227	6	15.45	868279	20.0