

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090990.D
 Acq On : 2 Nov 2016 20:02
 Operator : UM/SJ
 Sample : H5509-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-92-1.5-2.0

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-BF102616.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	2.190	6	9	31	rVB	733813	1132754	14.27%	0.916%
2	4.899	243	246	260	rVB	855464	1753539	22.09%	1.417%
3	5.333	281	284	286	rBV	5072166	6947579	87.53%	5.615%
4	6.385	372	376	378	rBV	4858138	7745687	97.59%	6.261%
5	6.499	383	386	388	rBV	5633437	7093038	89.37%	5.733%
6	6.716	403	405	408	rBV	1081378	1324723	16.69%	1.071%
7	6.876	416	419	422	rBV	4496082	5090060	64.13%	4.114%
8	7.299	452	456	458	rBV	3764967	5142145	64.79%	4.156%
9	7.413	462	466	471	rVB	145472	240187	3.03%	0.194%
10	8.008	515	518	524	rBV2	2061966	2315706	29.18%	1.872%
11	8.728	578	581	583	rBV	107288	146712	1.85%	0.119%
12	8.819	587	589	592	rVB	203395	178833	2.25%	0.145%
13	9.093	609	613	615	rBV	6477333	6572088	82.80%	5.312%
14	9.185	618	621	628	rVB2	51384	120625	1.52%	0.097%
15	9.356	633	636	639	rBV2	72495	140836	1.77%	0.114%
16	9.425	639	642	643	rBV	166853	175164	2.21%	0.142%
17	9.493	645	648	650	rVV	2006274	2234790	28.16%	1.806%
18	9.539	650	652	657	rVV	99584	135837	1.71%	0.110%
19	9.619	657	659	662	rVB	142927	135925	1.71%	0.110%
20	9.768	669	672	673	rBV	1370106	1971061	24.83%	1.593%
21	9.791	673	674	676	rVB	876738	795284	10.02%	0.643%
22	9.916	683	685	687	rBV	65882	95365	1.20%	0.077%
23	9.962	687	689	692	rVV	383600	449503	5.66%	0.363%
24	10.168	705	707	709	rBV2	68233	137489	1.73%	0.111%
25	10.202	709	710	712	rVB	178243	155847	1.96%	0.126%
26	10.259	712	715	717	rBV3	33687	84742	1.07%	0.068%
27	10.305	717	719	722	rVB	722901	660698	8.32%	0.534%
28	10.373	722	725	728	rBV2	117751	242463	3.05%	0.196%
29	10.419	728	729	732	rVB2	97874	130949	1.65%	0.106%
30	10.465	732	733	735	rVB	200588	186555	2.35%	0.151%
31	10.556	738	741	743	rBV	4004287	4371639	55.08%	3.533%
32	10.671	750	751	755	rVB	211394	371588	4.68%	0.300%
33	10.854	764	767	771	rBV3	136855	373856	4.71%	0.302%
34	11.002	776	780	783	rBV4	105472	283576	3.57%	0.229%

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35	11.048	783	784	787	rVB	293593	313372	3.95%	0.253%
36	11.105	787	789	790	rBV	114944	189214	2.38%	0.153%
37	11.139	790	792	796	rVB2	397636	540171	6.81%	0.437%
38	11.276	799	804	806	rBV2	5959594	7937017	100.00%	6.415%
39	11.322	806	808	810	rVV	1809492	1632497	20.57%	1.319%
40	11.356	810	811	814	rVV	151383	151653	1.91%	0.123%
41	11.482	818	822	826	rBV2	613276	891771	11.24%	0.721%
42	11.539	826	827	829	rVV2	131787	181069	2.28%	0.146%
43	11.574	829	830	833	rVV2	100175	132266	1.67%	0.107%
44	11.654	835	837	840	rVB2	68586	92551	1.17%	0.075%
45	11.745	843	845	846	rBV	638141	579346	7.30%	0.468%
46	11.779	846	848	850	rVV	551265	775099	9.77%	0.626%
47	11.814	850	851	853	rVV2	256155	356717	4.49%	0.288%
48	11.859	853	855	859	rVB2	1022501	1487395	18.74%	1.202%
49	11.951	859	863	867	rBV4	94812	308744	3.89%	0.250%
50	12.042	869	871	872	rVV	511477	456734	5.75%	0.369%
51	12.065	872	873	876	rVB	476502	427348	5.38%	0.345%
52	12.191	881	884	885	rBV	140797	167697	2.11%	0.136%
53	12.294	891	893	895	rBV	299694	392373	4.94%	0.317%
54	12.328	895	896	899	rVV2	168414	271159	3.42%	0.219%
55	12.385	899	901	905	rVB	272478	321238	4.05%	0.260%
56	12.465	905	908	910	rBV	5868021	6534060	82.32%	5.281%
57	12.522	910	913	915	rVV2	91215	141136	1.78%	0.114%
58	12.602	917	920	922	rBV2	279434	395837	4.99%	0.320%
59	12.694	924	928	930	rBV2	4345339	6743660	84.96%	5.451%
60	12.728	930	931	936	rVB2	188405	282959	3.57%	0.229%
61	12.831	936	940	943	rBV	4043685	5034922	63.44%	4.070%
62	12.899	943	946	948	rBV2	274455	490723	6.18%	0.397%
63	13.014	951	956	958	rVB	643120	920007	11.59%	0.744%
64	13.082	960	962	963	rBV	306240	349761	4.41%	0.283%
65	13.117	963	965	966	rBV	467929	529268	6.67%	0.428%
66	13.208	971	973	974	rBV	191342	183903	2.32%	0.149%
67	13.231	974	975	981	rBV2	160404	323875	4.08%	0.262%
68	13.322	981	983	985	rVB3	77518	121289	1.53%	0.098%
69	13.414	987	991	992	rBV2	125843	238406	3.00%	0.193%
70	13.517	996	1000	1003	rVB	364492	431960	5.44%	0.349%
71	13.631	1007	1010	1011	rBV	425127	547581	6.90%	0.443%

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72	13.734	1017	1019	1022	rVB	511173	628316	7.92%	0.508%
73	13.802	1022	1025	1028	rBV	67234	121880	1.54%	0.099%
74	13.882	1028	1032	1033	rBV2	2522860	4347550	54.78%	3.514%
75	13.905	1033	1034	1038	rVB	1665933	2209749	27.84%	1.786%
76	13.985	1039	1041	1043	rVV	376547	316097	3.98%	0.255%
77	14.077	1047	1049	1051	rVV3	139470	268837	3.39%	0.217%
78	14.111	1051	1052	1053	rVB	192571	135374	1.71%	0.109%
79	14.225	1061	1062	1064	rBV	110820	159275	2.01%	0.129%
80	14.271	1064	1066	1067	rVV	329375	356875	4.50%	0.288%
81	14.305	1067	1069	1071	rVB3	138614	168828	2.13%	0.136%
82	14.362	1071	1074	1075	rBV2	188603	268846	3.39%	0.217%
83	14.568	1090	1092	1097	rBV3	155437	425457	5.36%	0.344%
84	14.648	1097	1099	1101	rVV3	94571	175471	2.21%	0.142%
85	14.740	1104	1107	1111	rVV2	155620	317450	4.00%	0.257%
86	14.900	1118	1121	1125	rBV	1875377	4177180	52.63%	3.376%
87	14.991	1127	1129	1131	rVB	356417	363151	4.58%	0.294%
88	15.083	1134	1137	1139	rBV2	97967	287557	3.62%	0.232%
89	15.163	1142	1144	1147	rVB	981383	1488441	18.75%	1.203%
90	15.231	1147	1150	1152	rVB	1609411	2110775	26.59%	1.706%
91	15.277	1152	1154	1156	rBV	732343	1200382	15.12%	0.970%
92	15.791	1197	1199	1202	rVB	85125	113669	1.43%	0.092%
93	16.431	1253	1255	1257	rBV2	92988	206726	2.60%	0.167%
94	16.614	1267	1271	1275	rVB	786653	1411975	17.79%	1.141%
95	16.763	1281	1284	1286	rBV	155800	303745	3.83%	0.246%
96	16.820	1286	1289	1291	rVB2	103485	185036	2.33%	0.150%
97	17.014	1301	1306	1313	rVB	515249	1174691	14.80%	0.949%
98	17.220	1321	1324	1330	rVB2	154558	359062	4.52%	0.290%
99	19.026	1477	1482	1488	rVB	131136	441713	5.57%	0.357%
100	19.197	1493	1497	1500	rBV	67431	186670	2.35%	0.151%

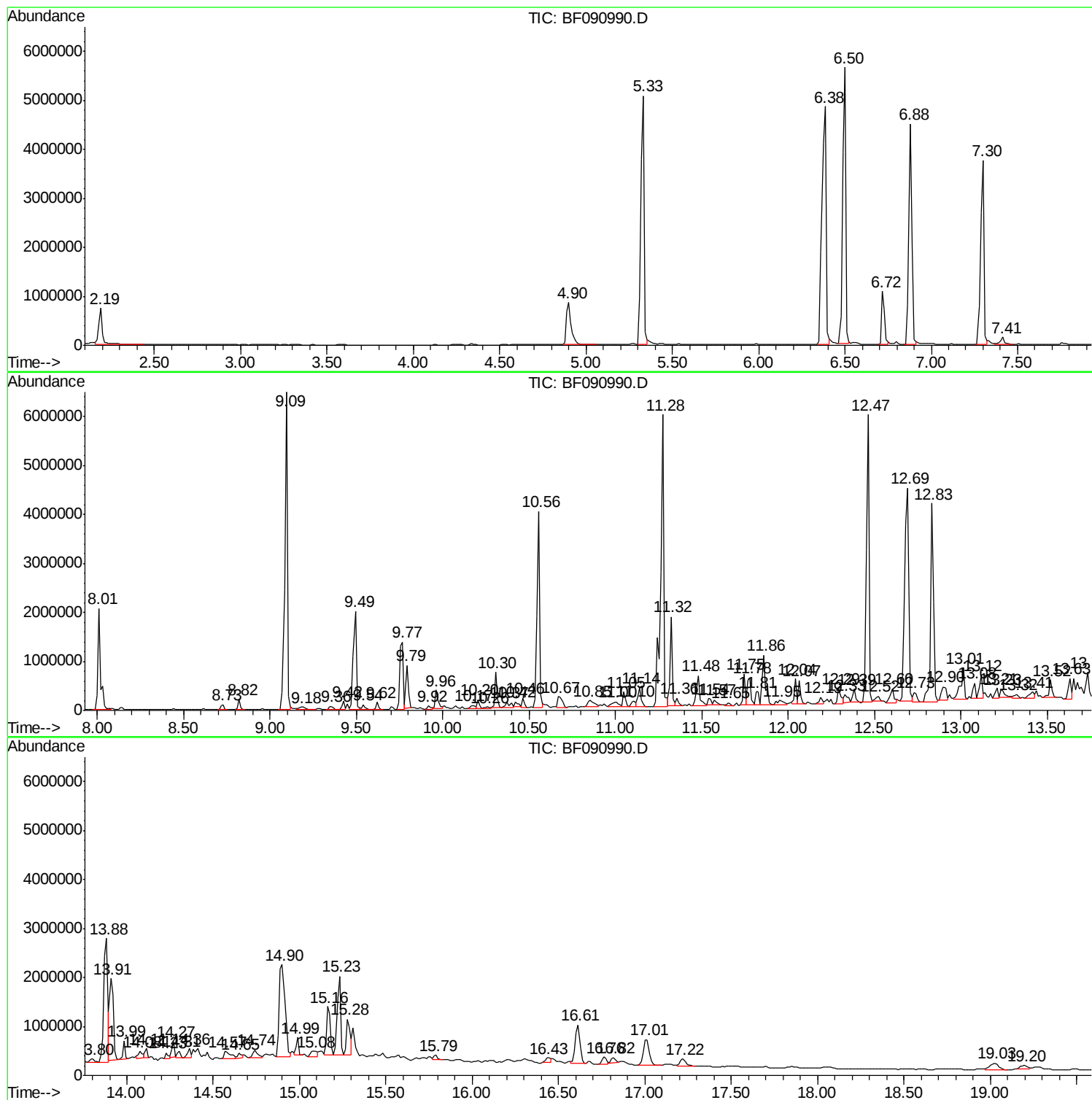
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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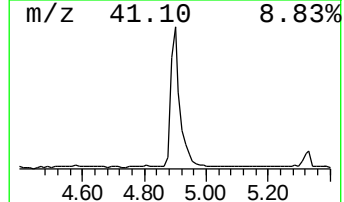
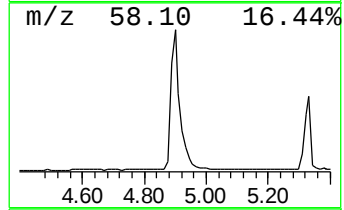
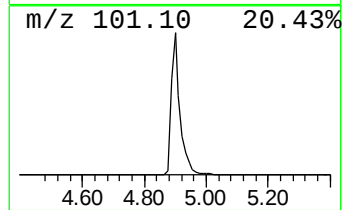
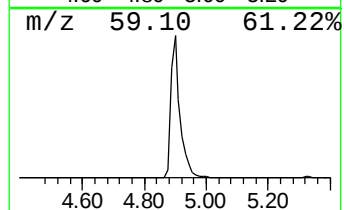
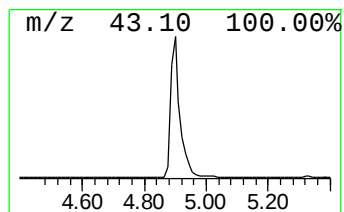
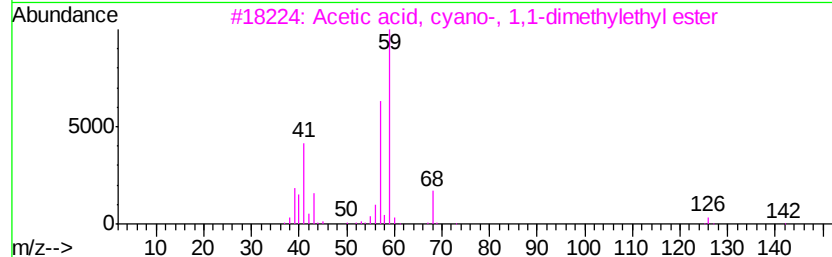
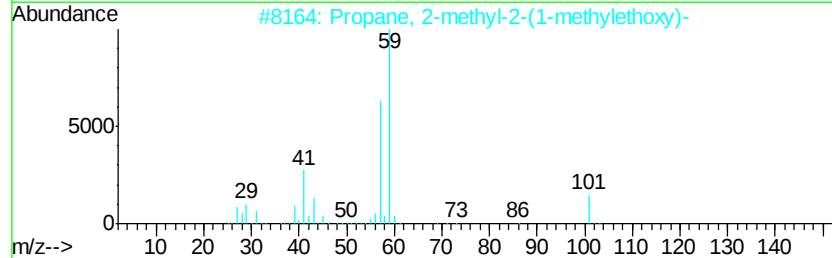
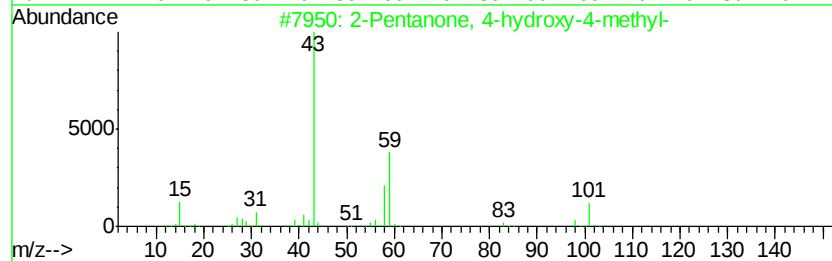
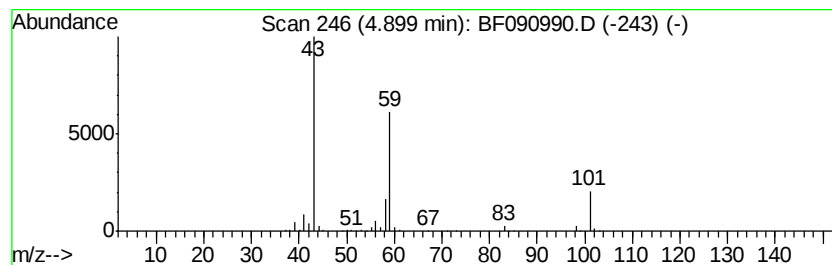
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	26.47 ng	1753540	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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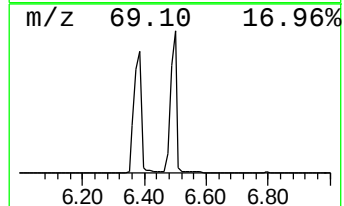
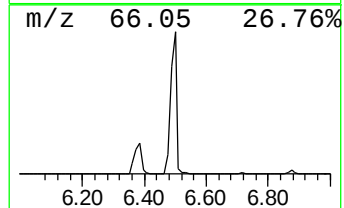
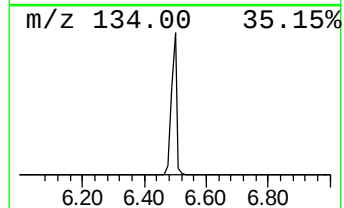
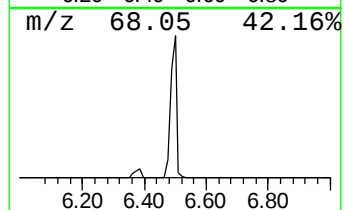
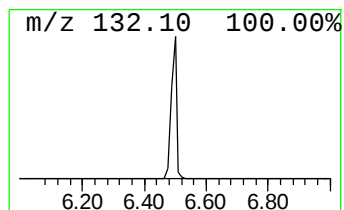
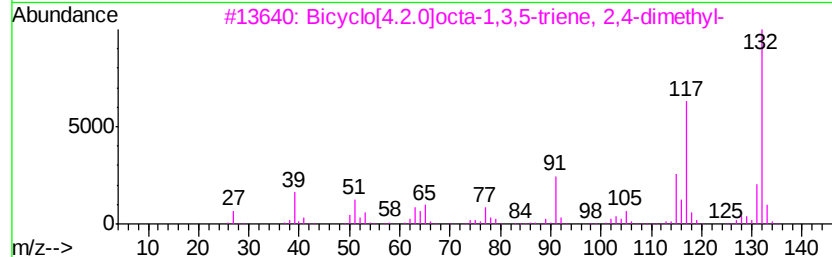
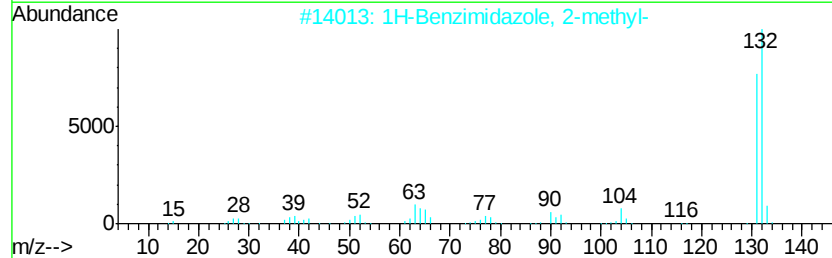
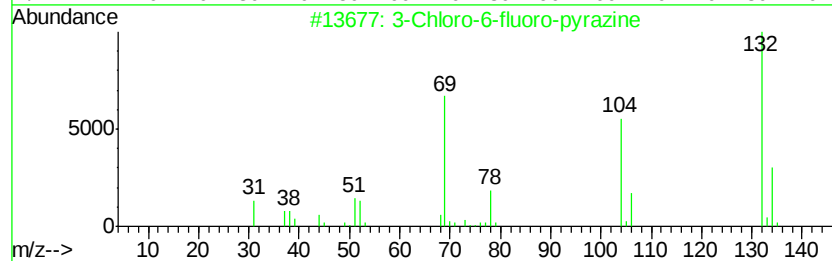
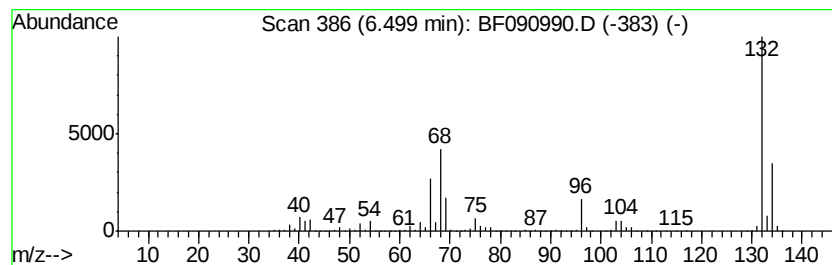
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	107.09 ng	7093040	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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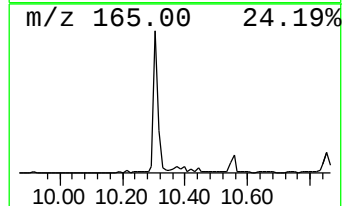
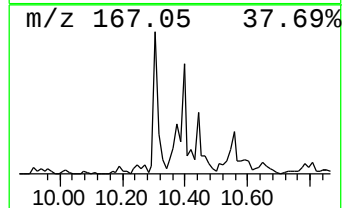
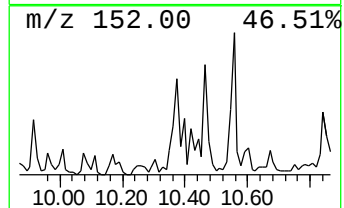
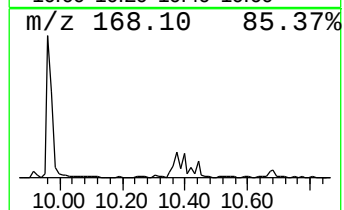
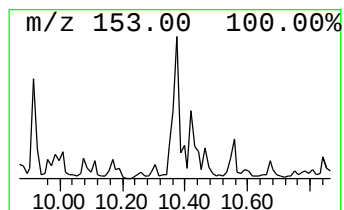
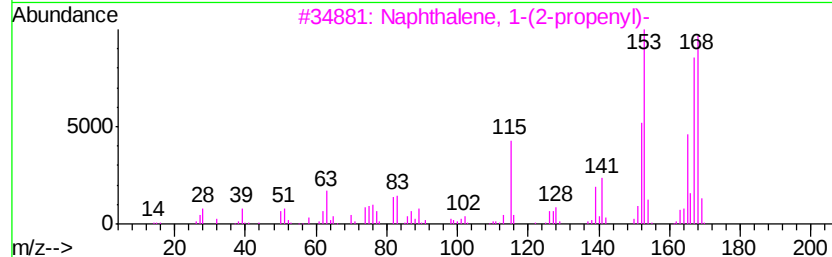
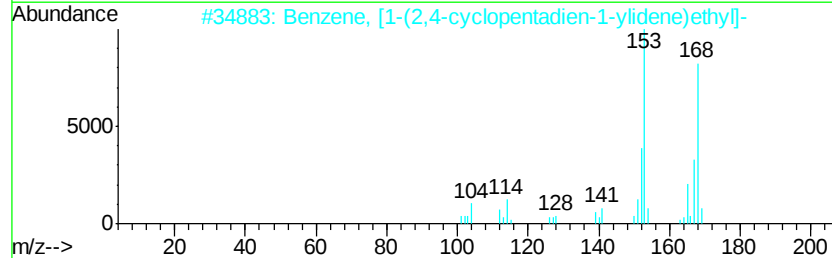
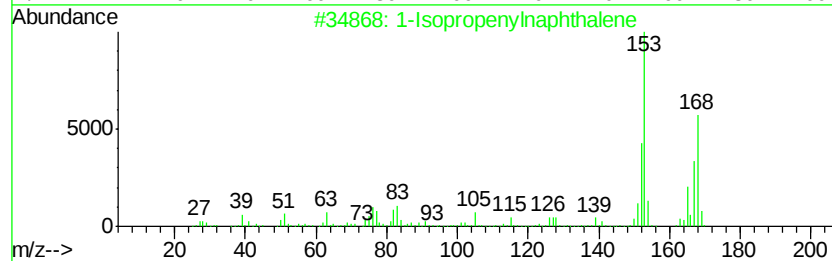
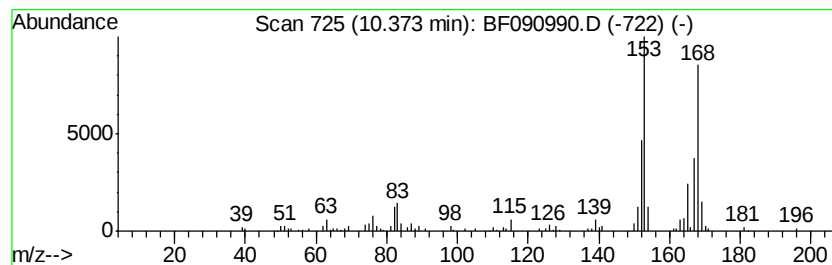
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.46 ng	242463	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
4		(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	53
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50



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Acq On : 2 Nov 2016 20:02
Operator : UM/SJ
Sample : H5509-03
Misc :
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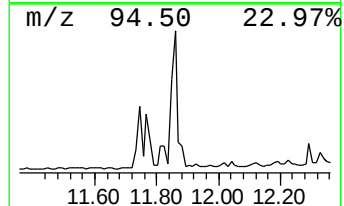
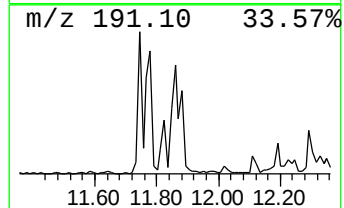
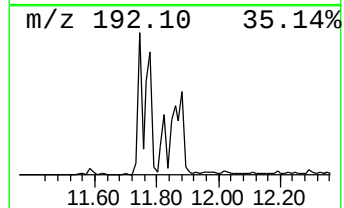
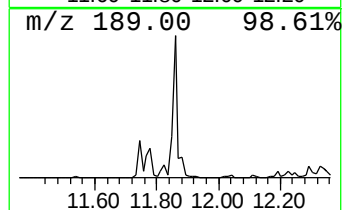
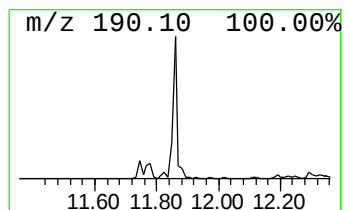
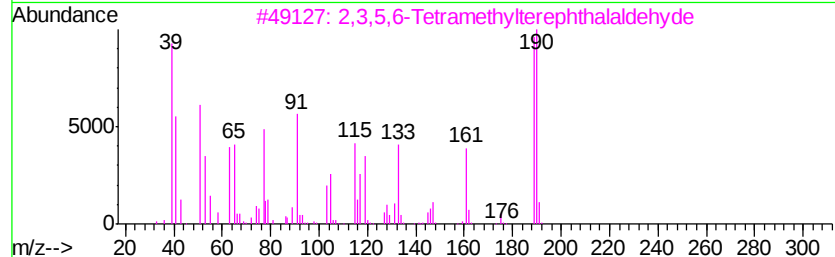
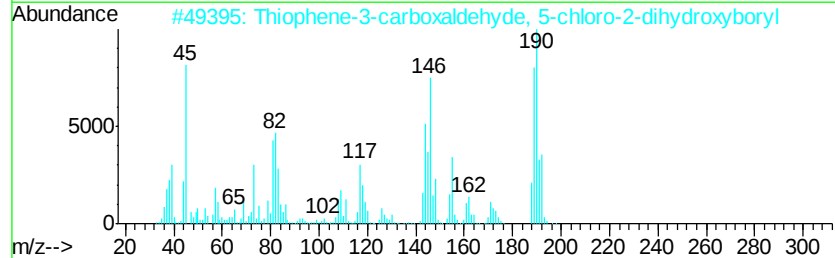
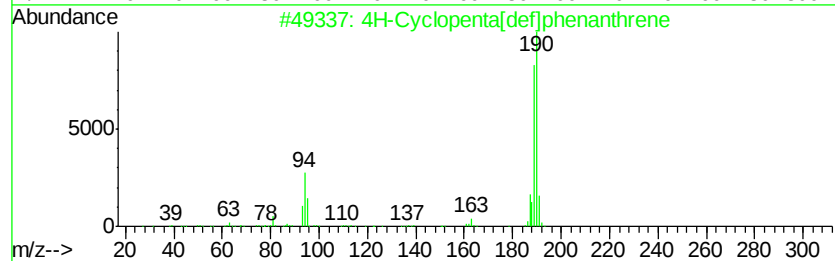
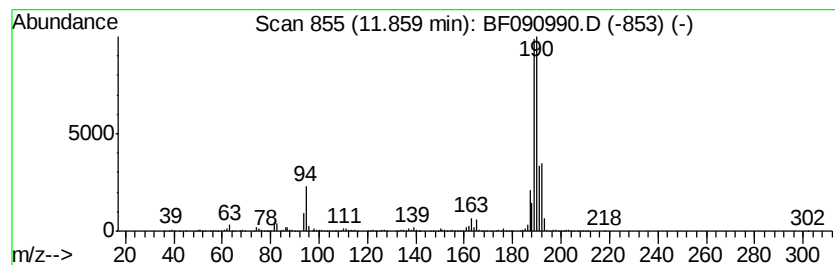
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	3.75 ng	1487400	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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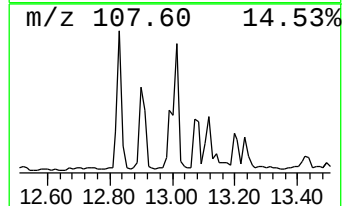
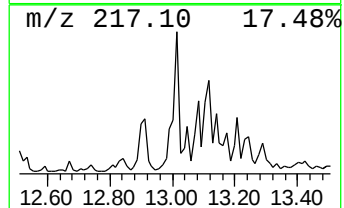
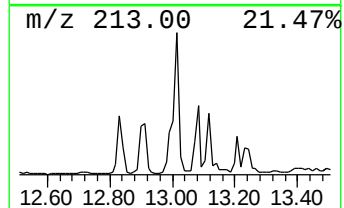
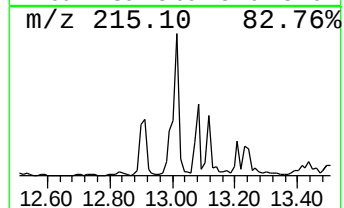
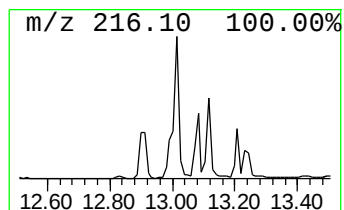
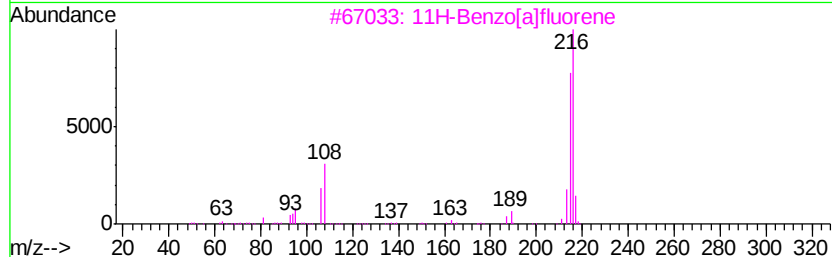
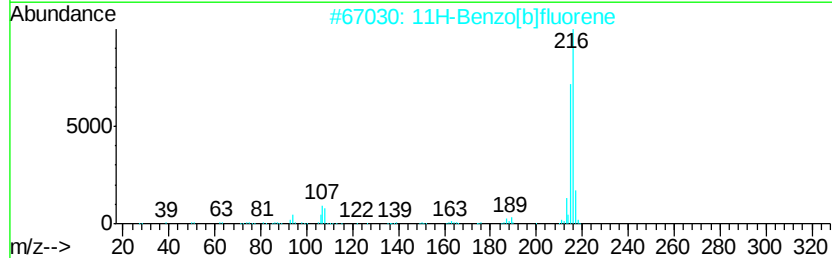
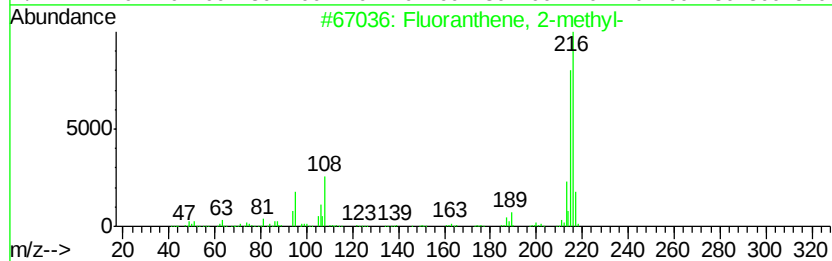
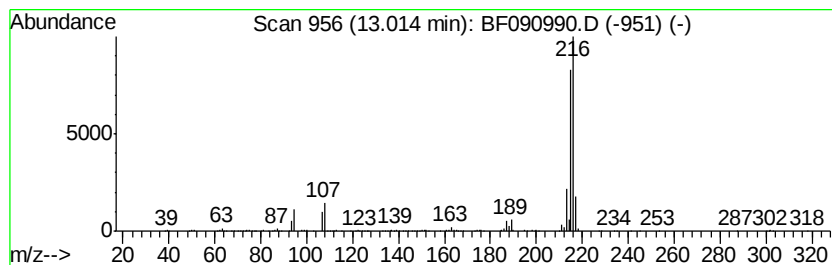
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	4.23 ng	920007	Chrysene-d12	13.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090990.D
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Operator : UM/SJ
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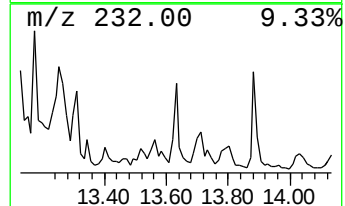
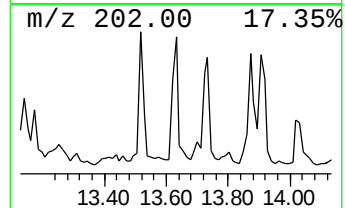
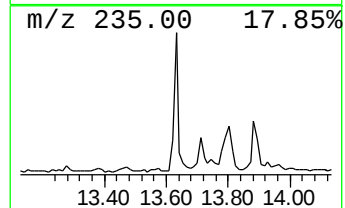
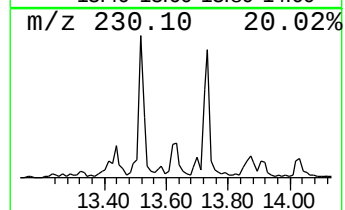
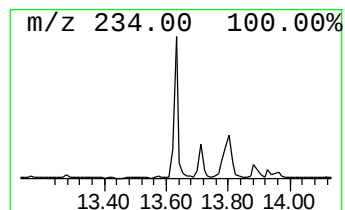
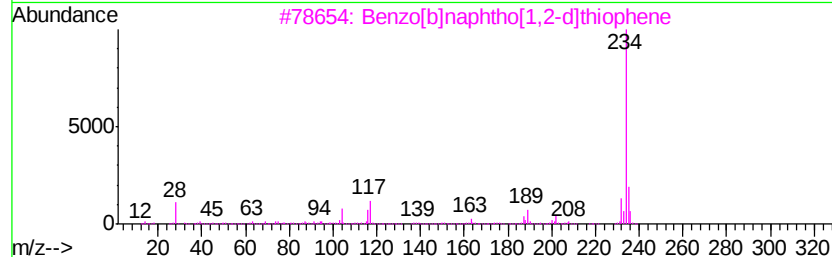
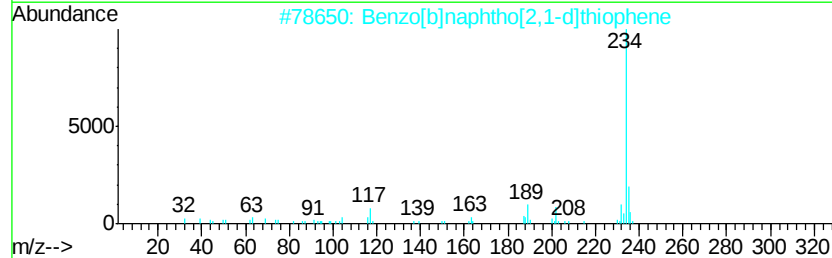
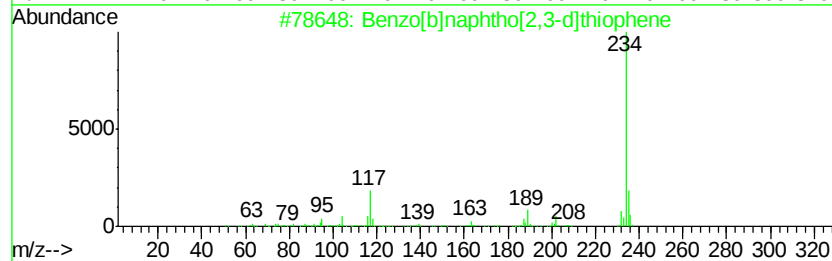
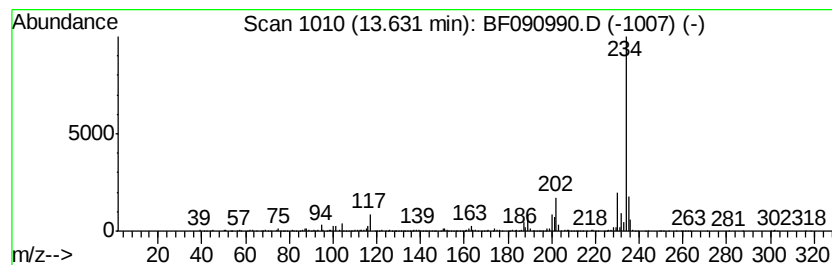
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.52 ng	547581	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	74
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	62
4		Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	52
5		Phenoxathiin, 2-chloro-	234	C12H7ClOS	010230-34-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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Acq On : 2 Nov 2016 20:02
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Sample : H5509-03
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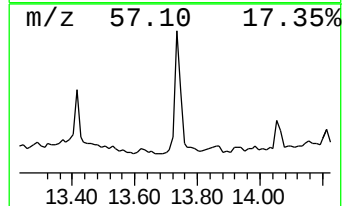
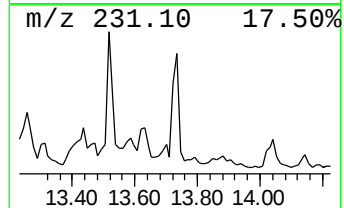
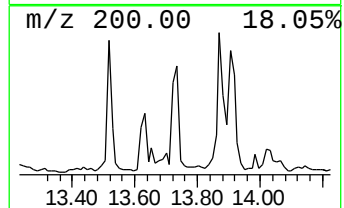
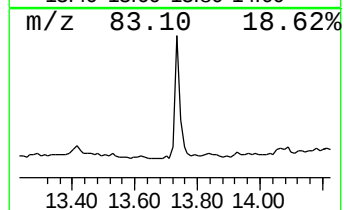
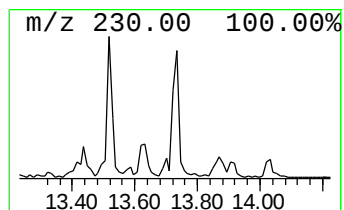
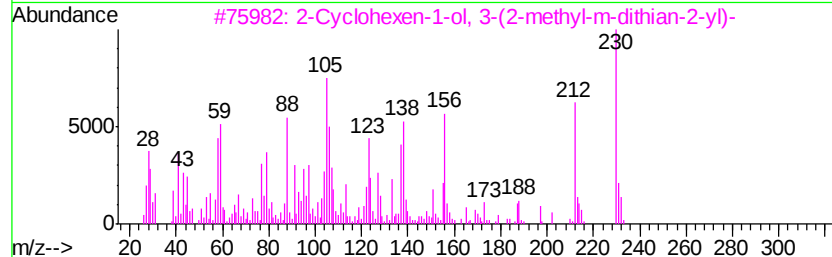
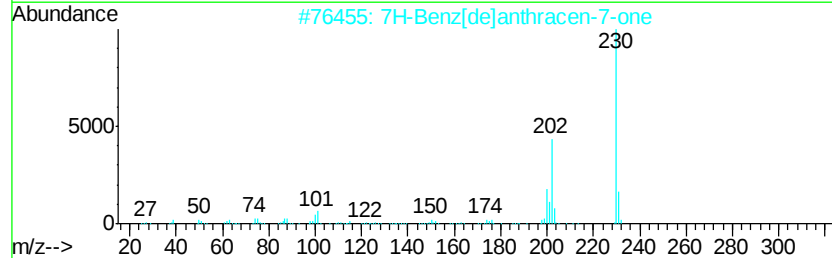
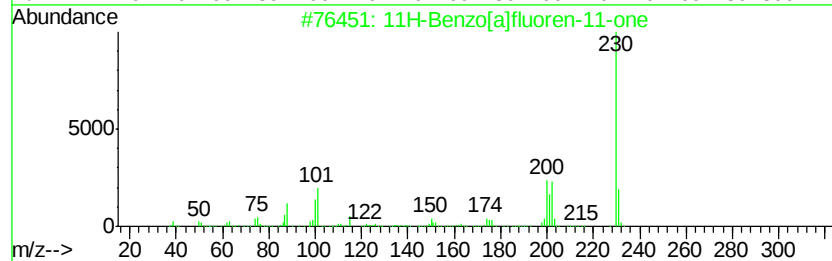
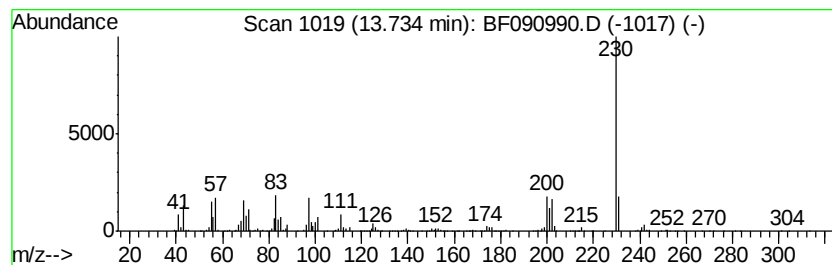
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.73	2.89 ng	628316	Chrysene-d12		13.88	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3		2-Cyclohexen-1-ol, 3-(2-methyl-m...	230	C11H18OS2	015040-93-4	47
4		4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	45
5		2-Hexanone, phenyl(2-propenyl)hy...	230	C15H22N2	110213-03-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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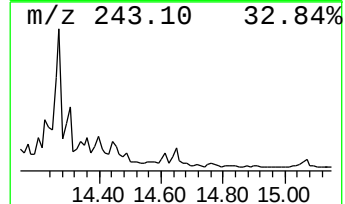
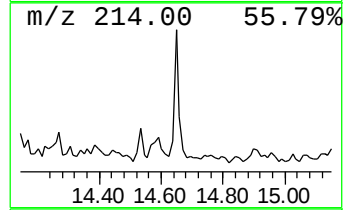
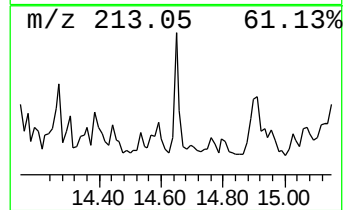
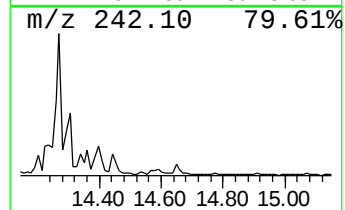
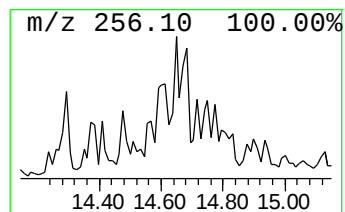
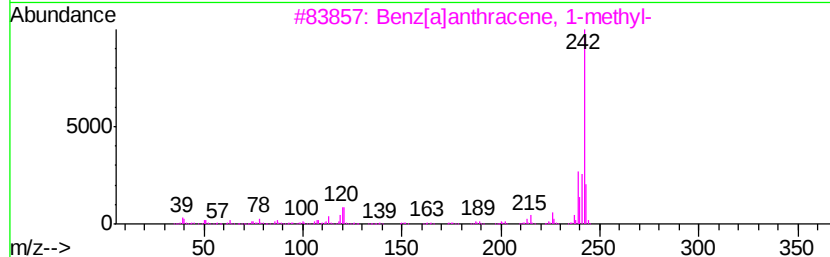
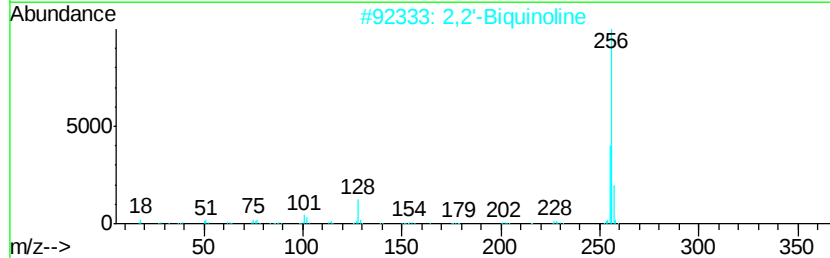
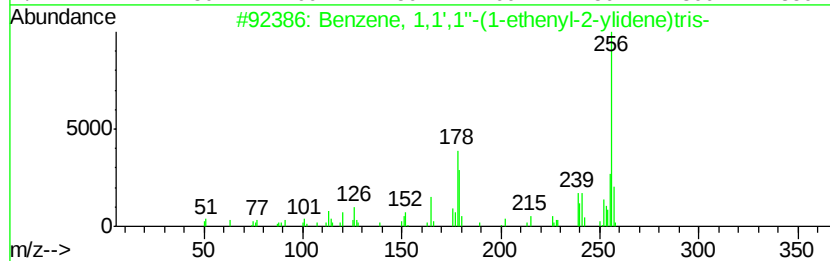
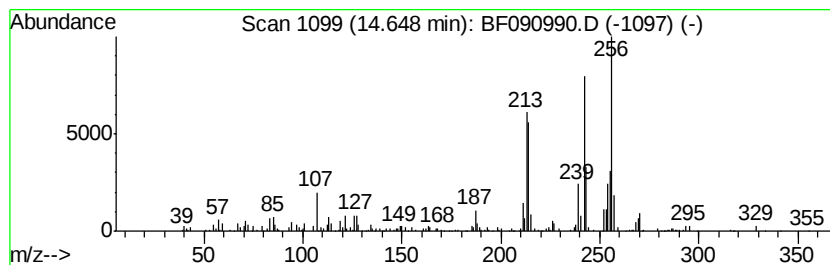
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown14.65 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.92 ng	175471	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	18
2		2,2'-Biquinoline	256	C18H12N2	000119-91-5	18
3		Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	15
4		Chrysene, 6-methyl-	242	C19H14	003697-24-3	15
5		2,4-Diamino-5-methyl-6-phenylthi...	256	C13H12N4S	042160-11-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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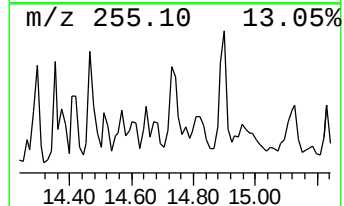
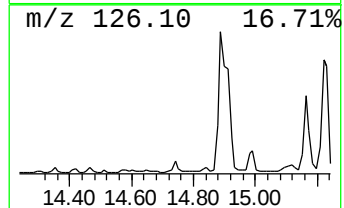
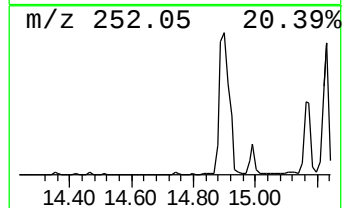
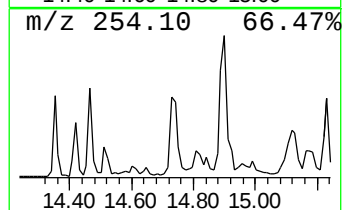
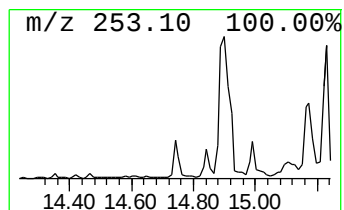
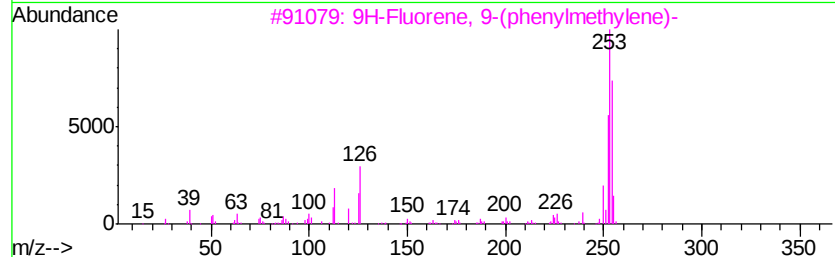
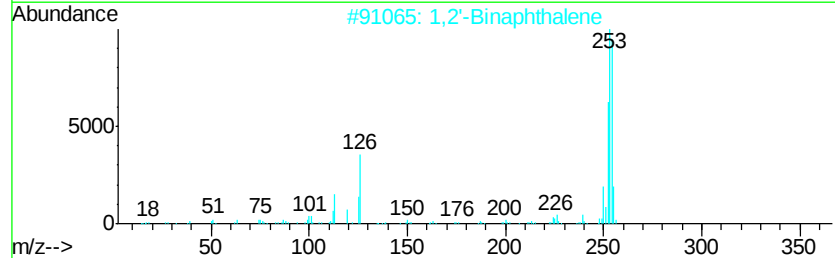
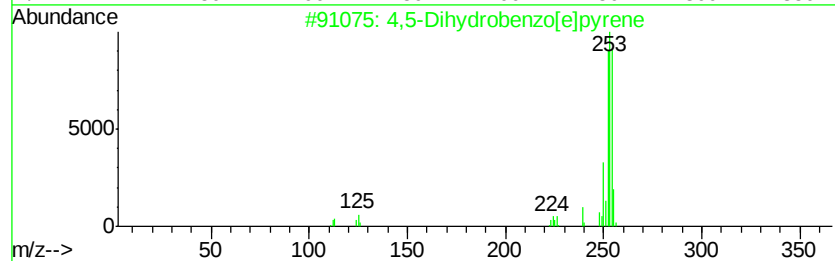
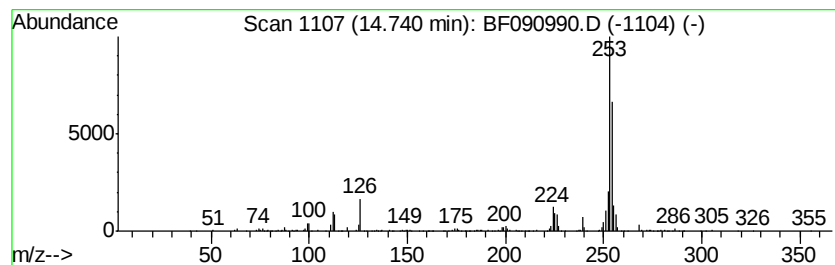
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4,5-Dihydrobenzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	5.29 ng	317450	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	74
2		1,2'-Binaphthalene	254	C20H14	004325-74-0	68
3		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
4		9,10[1',2']-Benzoanthracene, 9...	254	C20H14	000477-75-8	68
5		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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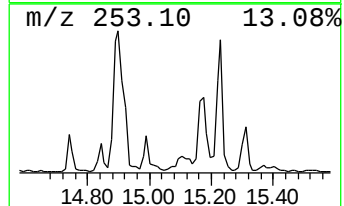
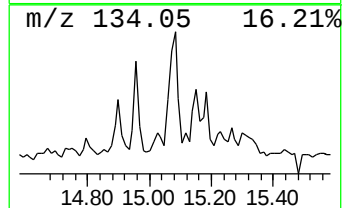
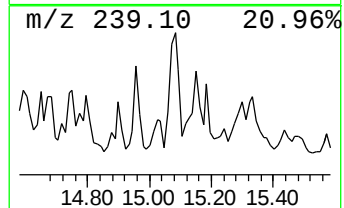
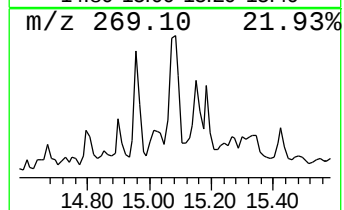
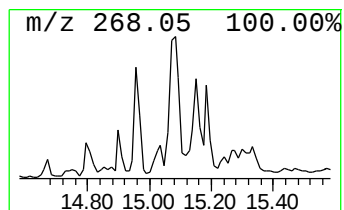
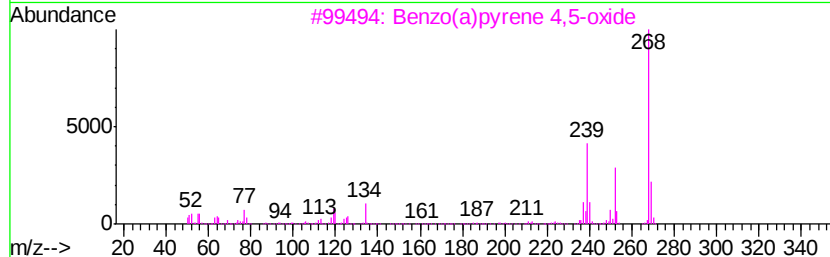
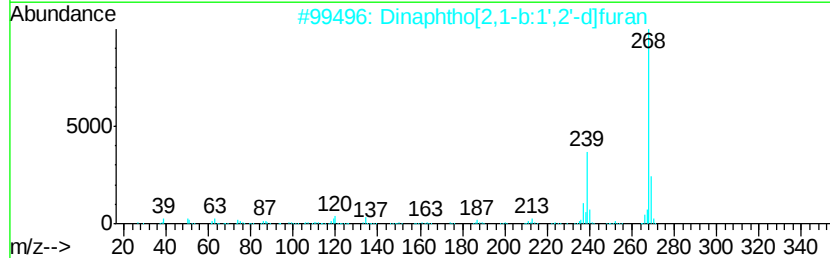
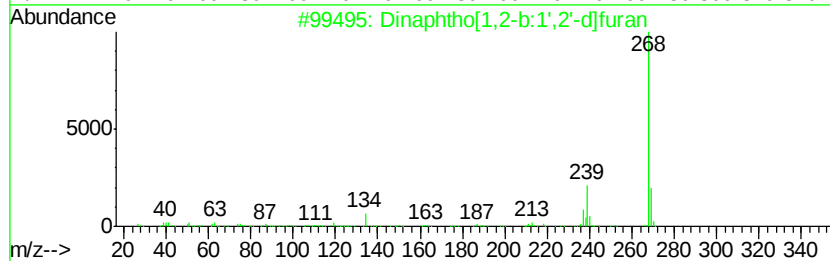
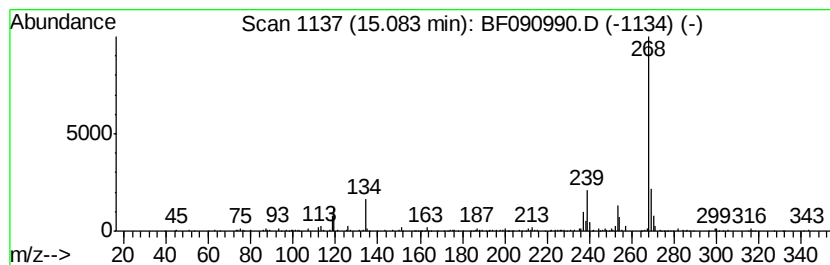
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ClientSampleId :
SB-92-1.5-2.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.08	4.79 ng	287557	Perylene-d12	15.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
4		Spiro[benzofuran-2(3H),2'-oxiran...	268	C16H12O4	010173-78-1	64
5		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090990.D
Acq On : 2 Nov 2016 20:02
Operator : UM/SJ
Sample : H5509-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

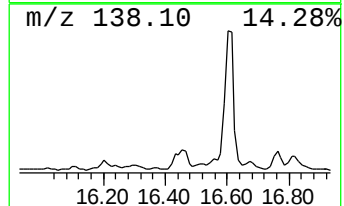
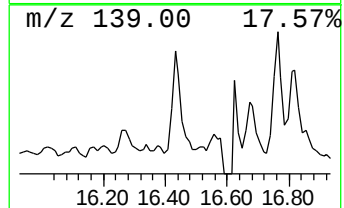
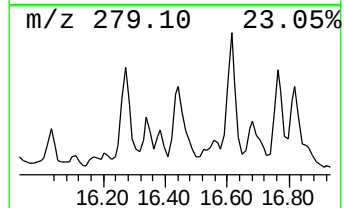
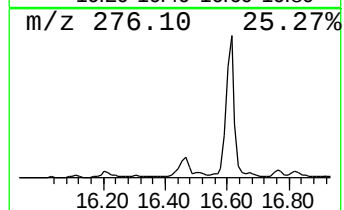
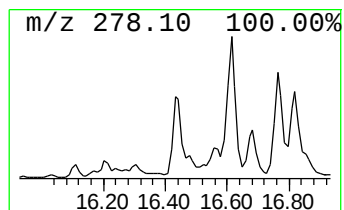
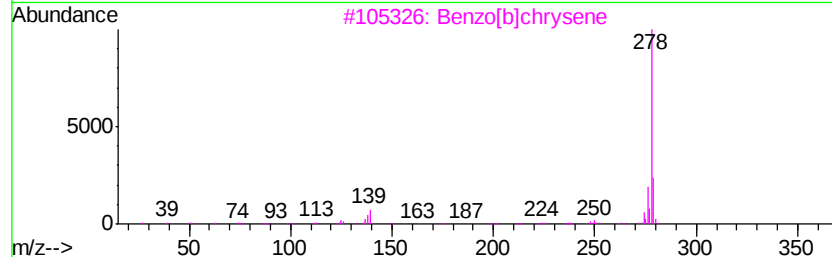
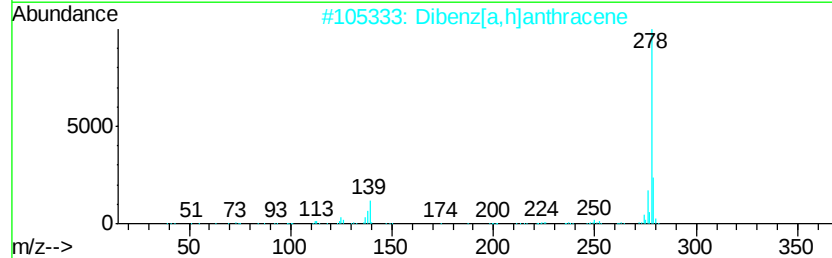
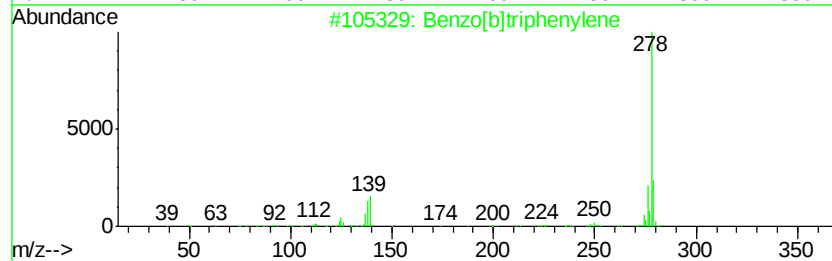
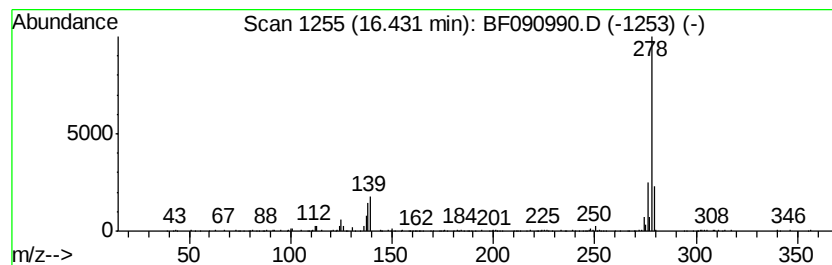
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	3.44 ng	206726	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3		Benzo[b]chrysene	278	C22H14	000214-17-5	91
4		Pentacene	278	C22H14	000135-48-8	91
5		p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090990.D
Acq On : 2 Nov 2016 20:02
Operator : UM/SJ
Sample : H5509-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-92-1.5-2.0

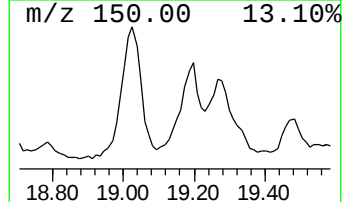
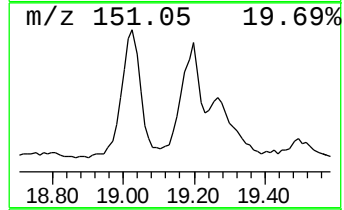
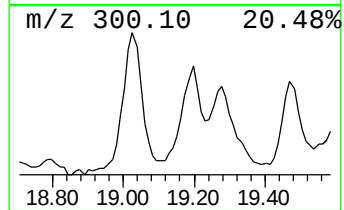
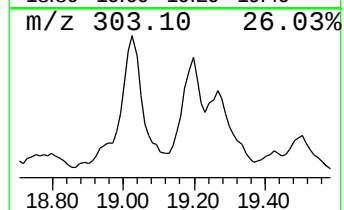
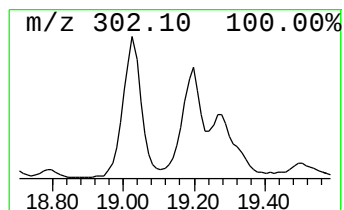
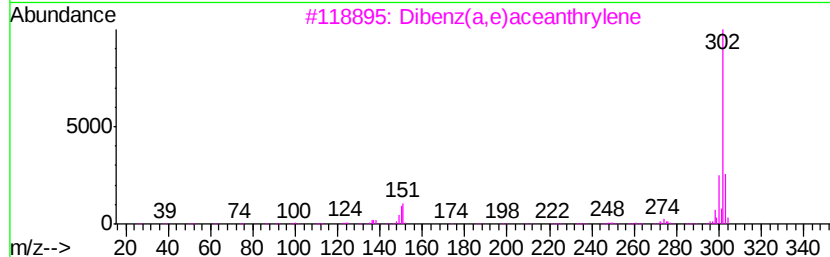
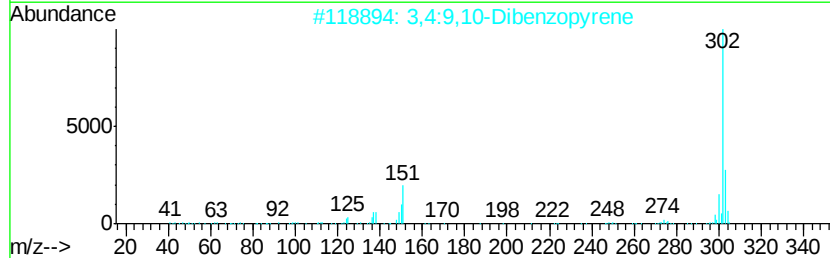
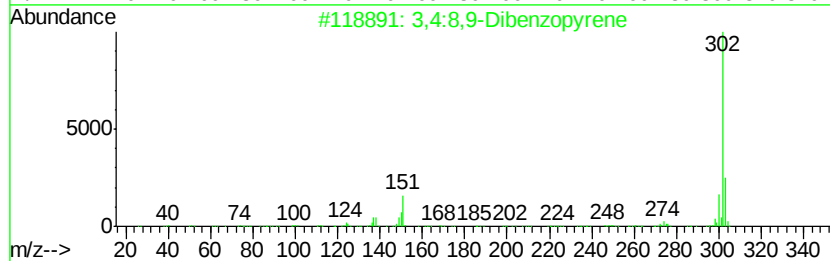
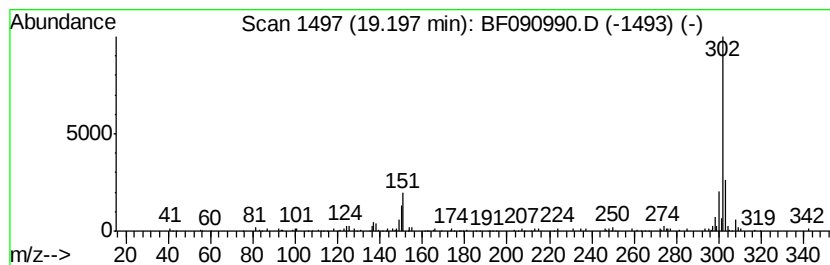
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.11 ng	186670	Perylene-d12	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	99
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
3			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
4			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
5			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090990.D
 Acq On : 2 Nov 2016 20:02
 Operator : UM/SJ
 Sample : H5509-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-92-1.5-2.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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...	4.90	26.5	ng	1753540	1	6.72	1324720	20.0
unknown6.50	6.50	107.1	ng	7093040	1	6.72	1324720	20.0
1-Isopropenyl naph...	10.37	2.5	ng	242463	3	9.77	1971060	20.0
4H-Cyclopenta[def...	11.86	3.8	ng	1487400	4	11.24	7937020	20.0
Fluoranthene, 2-m...	13.01	4.2	ng	920007	5	13.88	4347550	20.0
Benzo[b]naphtho[2...	13.63	2.5	ng	547581	5	13.88	4347550	20.0
11H-Benzo[a]fluor...	13.73	2.9	ng	628316	5	13.88	4347550	20.0
unknown14.65	14.65	2.9	ng	175471	6	15.28	1200380	20.0
4,5-Dihydrobenzo[...	14.74	5.3	ng	317450	6	15.28	1200380	20.0
Dinaphtho[1,2-b:1...	15.08	4.8	ng	287557	6	15.28	1200380	20.0
Benzo[b]triphenylene	16.43	3.4	ng	206726	6	15.28	1200380	20.0
3,4:8,9-Dibenzopy...	19.20	3.1	ng	186670	6	15.28	1200380	20.0