

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082566.D
 Acq On : 28 Oct 2015 00:50
 Operator : UM/IZ
 Sample : G4178-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

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-BF102615.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	4.880	237	240	253	rVB	641000	1234851	14.72%	1.253%
2	5.326	276	279	281	rBV	1602448	2256630	26.91%	2.289%
3	6.377	368	371	378	rBV	1919131	2253737	26.87%	2.286%
4	6.480	378	380	383	rBV	1757995	2346931	27.98%	2.381%
5	6.709	398	400	404	rBV	512466	480380	5.73%	0.487%
6	6.869	411	414	416	rBV	1670564	2012053	23.99%	2.041%
7	7.292	448	451	453	rBV	1309844	1589874	18.96%	1.613%
8	8.023	509	515	518	rBV2	2790193	4139268	49.35%	4.199%
9	8.709	573	575	578	rBV	807999	1012701	12.07%	1.027%
10	8.812	582	584	590	rVB	610153	563330	6.72%	0.571%
11	9.075	604	607	610	rBV	2037965	2796619	33.35%	2.837%
12	9.178	614	616	622	rVV	335008	332300	3.96%	0.337%
13	9.338	628	630	633	rBV	197437	278645	3.32%	0.283%
14	9.406	634	636	638	rVV	210541	315001	3.76%	0.320%
15	9.440	638	639	641	rVV	197915	170046	2.03%	0.172%
16	9.486	641	643	645	rVV	395883	549629	6.55%	0.558%
17	9.532	645	647	651	rVB2	123647	166549	1.99%	0.169%
18	9.612	652	654	657	rVB	341959	327437	3.90%	0.332%
19	9.749	663	666	668	rBV3	628229	890049	10.61%	0.903%
20	9.783	668	669	672	rVV	1326167	1313622	15.66%	1.333%
21	9.955	682	684	686	rBV	887324	1135121	13.53%	1.151%
22	10.298	712	714	717	rBV	1182031	1591466	18.98%	1.614%
23	10.389	717	722	723	rVV2	139953	342285	4.08%	0.347%
24	10.435	723	726	727	rVV2	104594	187592	2.24%	0.190%
25	10.458	727	728	730	rVV	320489	253633	3.02%	0.257%
26	10.549	733	736	738	rVV	1609824	1835074	21.88%	1.862%
27	10.846	758	762	764	rBV2	229227	334641	3.99%	0.339%
28	10.995	771	775	778	rVV3	99426	254020	3.03%	0.258%
29	11.052	778	780	782	rVV	369146	366444	4.37%	0.372%
30	11.098	782	784	785	rVV	152347	207303	2.47%	0.210%
31	11.132	785	787	792	rVB	523553	583256	6.95%	0.592%
32	11.281	794	800	802	rBV	5066423	8386907	100.00%	8.508%
33	11.326	802	804	806	rVV	2712587	2744731	32.73%	2.784%
34	11.361	806	807	809	rVV	210852	176013	2.10%	0.179%

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35	11.486	814	818	820	rBV	993028	1266722	15.10%	1.285%
36	11.738	838	840	841	rBV	644141	626708	7.47%	0.636%
37	11.772	841	843	845	rVV	970902	960076	11.45%	0.974%
38	11.818	845	847	848	rVV	387255	348939	4.16%	0.354%
39	11.852	848	850	855	rVB2	1272648	1713803	20.43%	1.739%
40	12.035	863	866	868	rVB	526063	506768	6.04%	0.514%
41	12.286	886	888	890	rBV	211461	292658	3.49%	0.297%
42	12.332	890	892	895	rVV2	139224	276805	3.30%	0.281%
43	12.389	895	897	900	rVV2	150595	211440	2.52%	0.214%
44	12.469	900	904	906	rVV	4630307	6514161	77.67%	6.608%
45	12.526	906	909	910	rVV3	117572	209453	2.50%	0.212%
46	12.606	914	916	918	rVV	276298	302960	3.61%	0.307%
47	12.698	920	924	926	rVV2	3797506	6389187	76.18%	6.481%
48	12.732	926	927	931	rVB2	269004	269284	3.21%	0.273%
49	12.824	931	935	939	rBV3	1979769	2849158	33.97%	2.890%
50	12.904	939	942	944	rBV2	275494	489638	5.84%	0.497%
51	12.938	944	945	947	rVV	162175	176729	2.11%	0.179%
52	13.018	947	952	953	rVV	637578	1120727	13.36%	1.137%
53	13.075	955	957	959	rVV	830197	929616	11.08%	0.943%
54	13.109	959	960	964	rVV3	359023	719461	8.58%	0.730%
55	13.201	967	968	970	rVV	151537	192536	2.30%	0.195%
56	13.235	970	971	975	rVV2	204158	289916	3.46%	0.294%
57	13.304	975	977	981	rVB	255138	344560	4.11%	0.350%
58	13.429	983	988	992	rVB4	124434	327254	3.90%	0.332%
59	13.498	992	994	995	rBV2	99523	155388	1.85%	0.158%
60	13.532	995	997	1000	rVV	167149	278560	3.32%	0.283%
61	13.635	1003	1006	1007	rBV	325948	461139	5.50%	0.468%
62	13.658	1007	1008	1009	rVV	375515	310672	3.70%	0.315%
63	13.681	1009	1010	1014	rVV3	344870	672596	8.02%	0.682%
64	13.738	1014	1015	1018	rVB	187565	206026	2.46%	0.209%
65	13.807	1018	1021	1024	rBV	102997	177781	2.12%	0.180%
66	13.887	1024	1028	1030	rBV2	1977134	4360814	52.00%	4.424%
67	13.921	1030	1031	1033	rVV	2088853	1679777	20.03%	1.704%
68	13.989	1035	1037	1039	rVV	511441	619118	7.38%	0.628%
69	14.047	1039	1042	1044	rVV	145423	269499	3.21%	0.273%
70	14.092	1044	1046	1048	rVV2	249948	414183	4.94%	0.420%
71	14.127	1048	1049	1053	rVB	272501	281874	3.36%	0.286%

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72	14.287	1060	1063	1064	rVV	258170	456311	5.44%	0.463%
73	14.378	1067	1071	1073	rVV3	182506	380033	4.53%	0.386%
74	14.435	1073	1076	1077	rVV2	232046	410483	4.89%	0.416%
75	14.458	1077	1078	1083	rVB4	100171	220759	2.63%	0.224%
76	14.618	1089	1092	1095	rBV3	108427	274035	3.27%	0.278%
77	14.778	1105	1106	1109	rBV	154131	196566	2.34%	0.199%
78	14.938	1116	1120	1124	rVV	1633223	3757771	44.81%	3.812%
79	15.030	1126	1128	1130	rVB	356748	420544	5.01%	0.427%
80	15.121	1133	1136	1137	rBV2	105905	235315	2.81%	0.239%
81	15.155	1137	1139	1141	rVV2	116578	208724	2.49%	0.212%
82	15.212	1141	1144	1147	rVV	924465	1437508	17.14%	1.458%
83	15.270	1147	1149	1152	rVV	1507887	2050780	24.45%	2.080%
84	15.327	1152	1154	1155	rVV	327814	475532	5.67%	0.482%
85	15.350	1155	1156	1160	rVB	542836	674294	8.04%	0.684%
86	15.521	1169	1171	1174	rVB	125893	270032	3.22%	0.274%
87	15.841	1196	1199	1204	rVV	110259	206826	2.47%	0.210%
88	16.493	1251	1256	1258	rBV3	125142	301525	3.60%	0.306%
89	16.687	1269	1273	1277	rVB	759325	1536563	18.32%	1.559%
90	16.835	1283	1286	1289	rBV2	181342	391854	4.67%	0.398%
91	16.893	1289	1291	1294	rVV2	138173	275550	3.29%	0.280%
92	16.973	1294	1298	1302	rVB4	65908	220178	2.63%	0.223%
93	17.098	1305	1309	1315	rVV	618889	1415726	16.88%	1.436%
94	17.235	1319	1321	1325	rVV2	71158	175003	2.09%	0.178%
95	17.315	1325	1328	1335	rVV	223334	542816	6.47%	0.551%
96	19.156	1484	1489	1497	rBV	115301	418017	4.98%	0.424%
97	19.350	1501	1506	1510	rBV	92300	341385	4.07%	0.346%
98	20.219	1578	1582	1587	rBV	49320	191252	2.28%	0.194%
99	20.333	1587	1592	1600	rVV2	60841	279158	3.33%	0.283%
100	20.482	1601	1605	1613	rVV	38315	169812	2.02%	0.172%

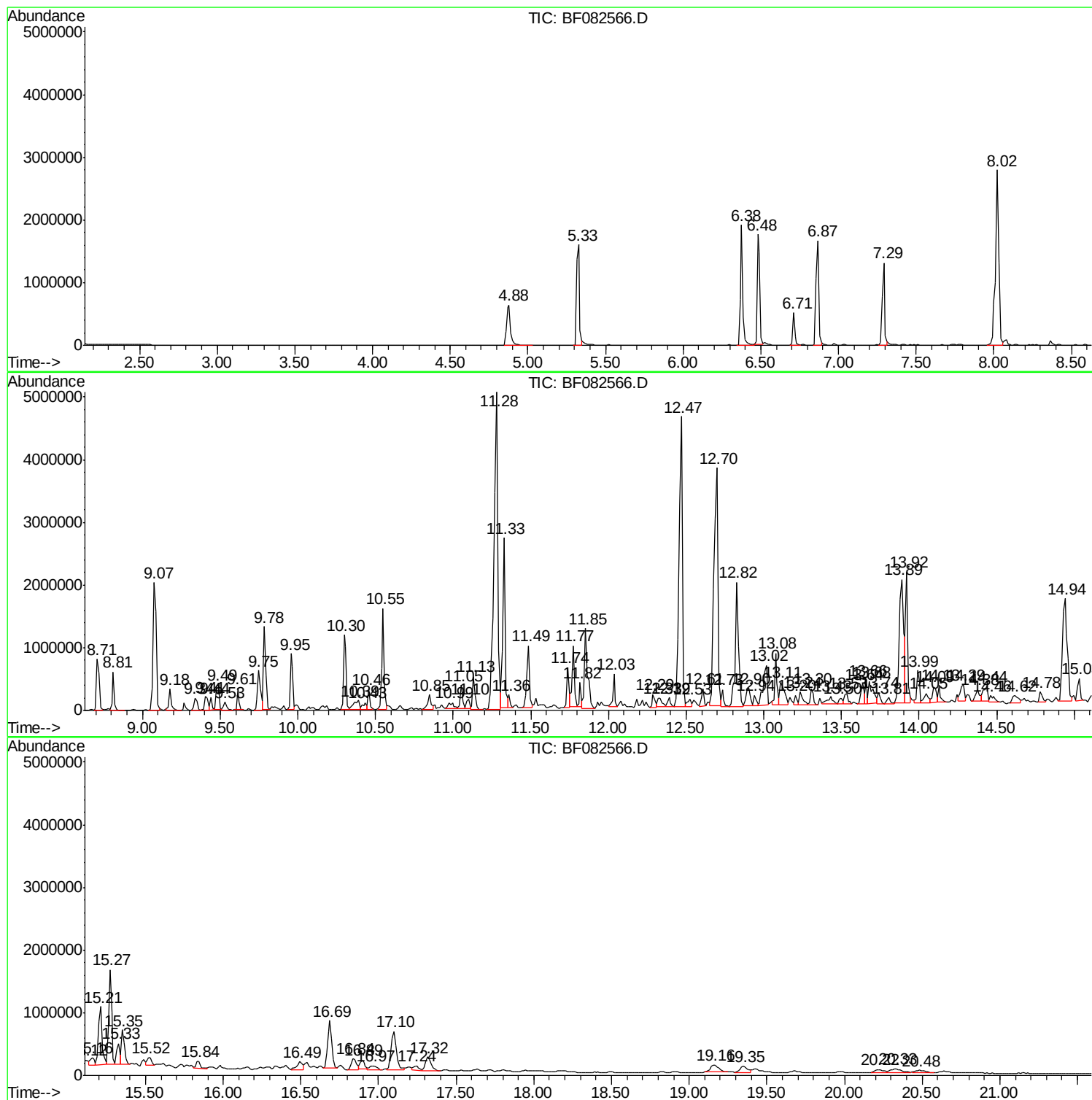
Sum of corrected areas: 98578476

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.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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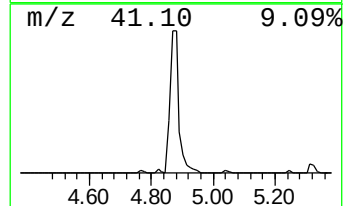
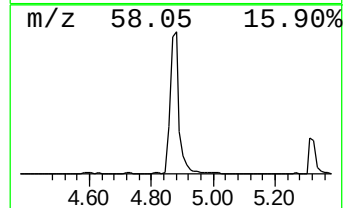
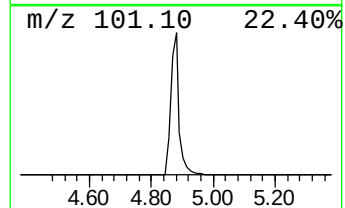
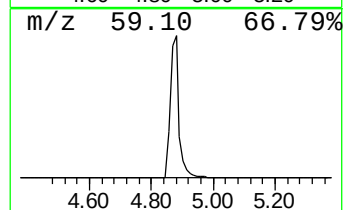
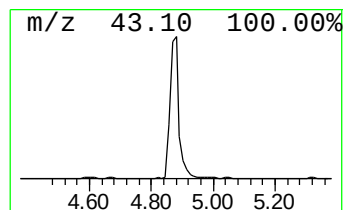
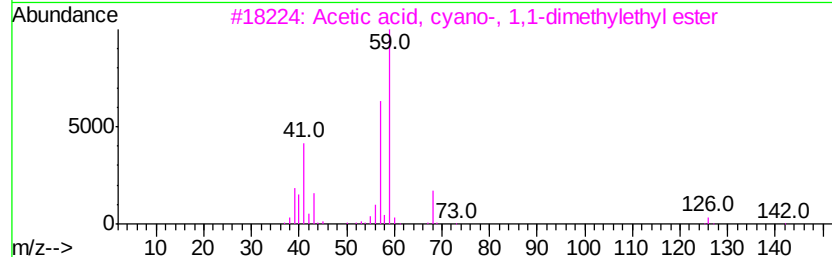
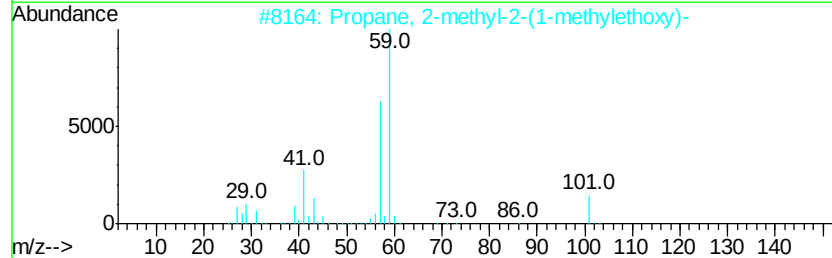
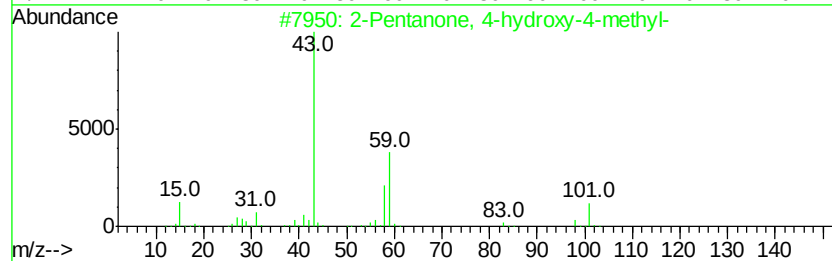
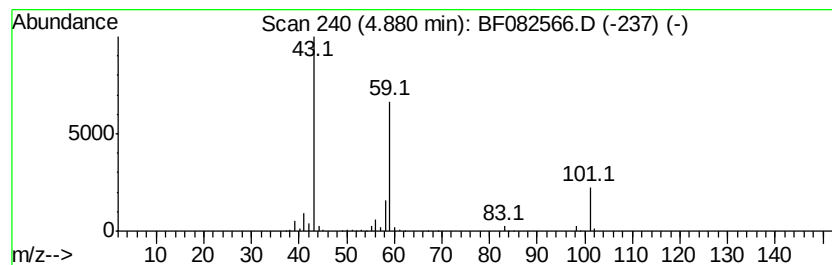
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.88	51.41 ng	1234850	1,4-Dichlorobenzene-d4	6.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53	
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17	
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
5	Guanidine	59	CH5N3	000113-00-8	9	



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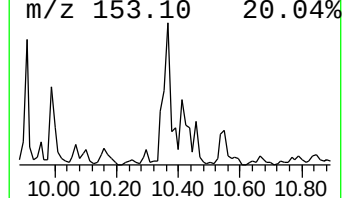
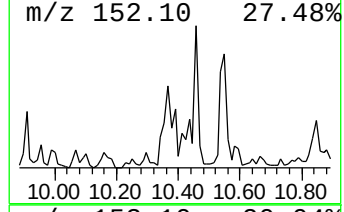
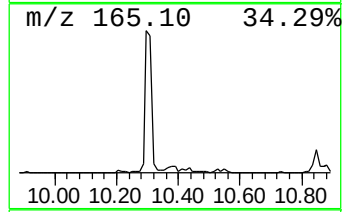
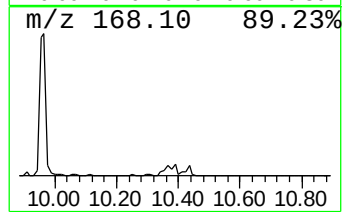
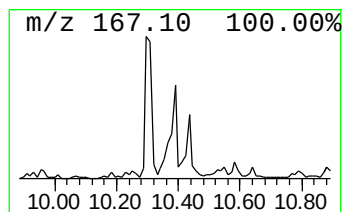
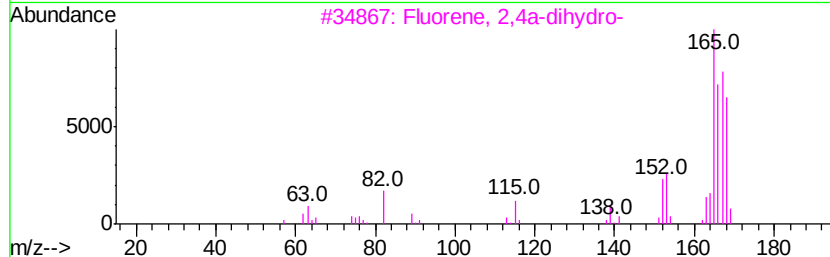
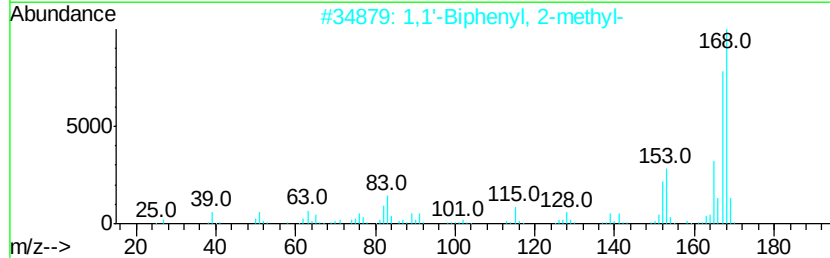
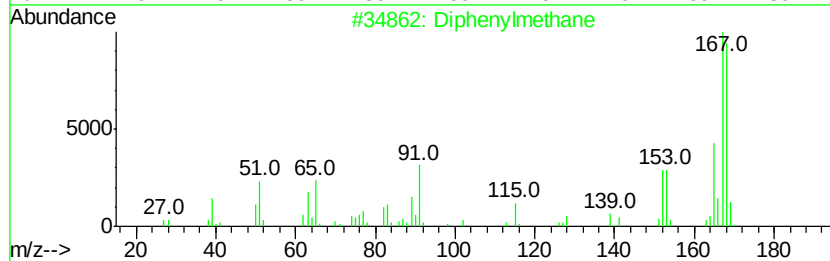
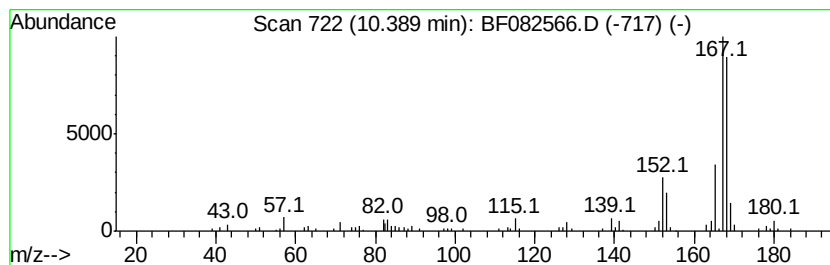
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Diphenylmethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	7.69 ng	342285	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diphenylmethane	168	C13H12	000101-81-5	91
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
3		Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	76
4		Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	72
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70



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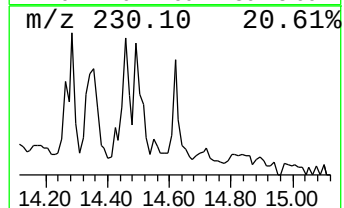
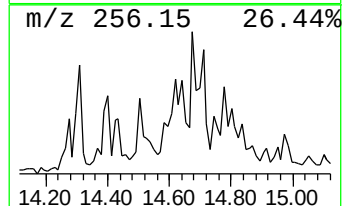
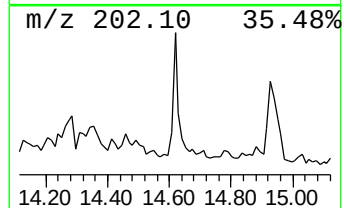
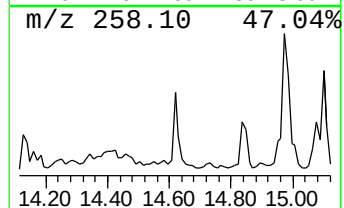
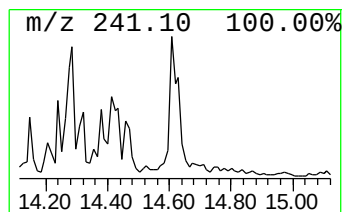
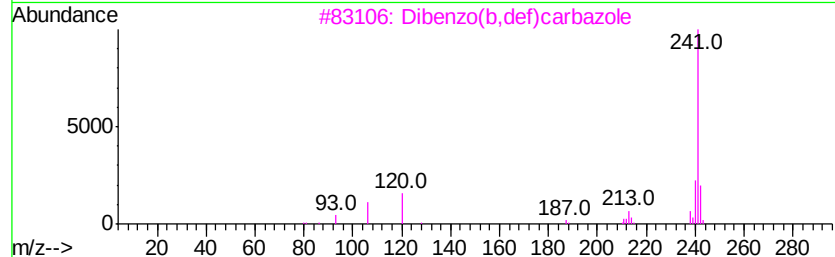
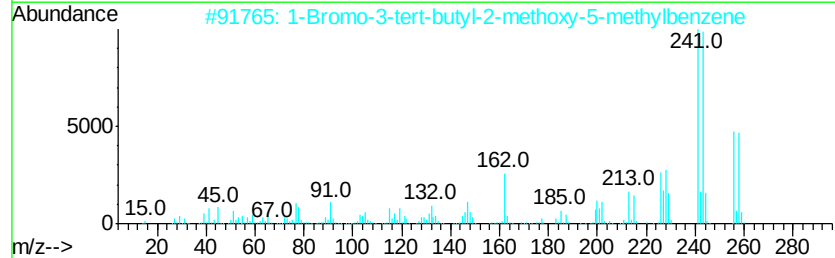
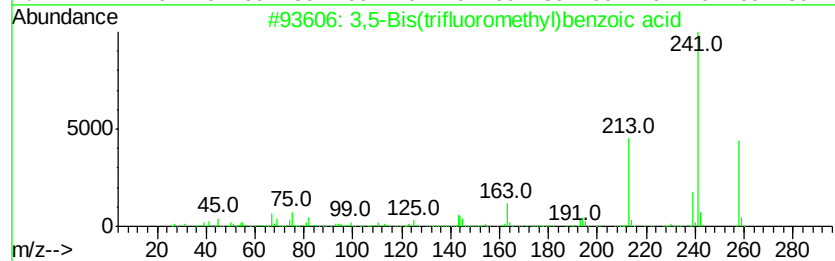
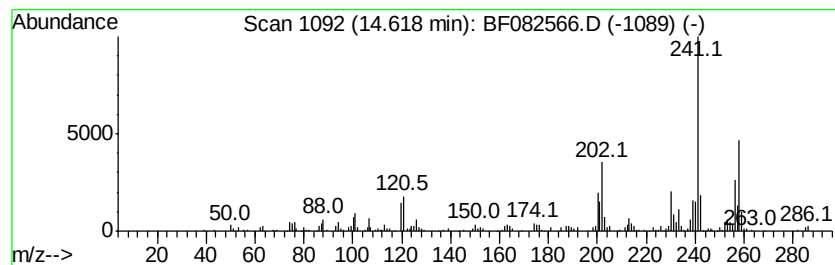
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Peak Number 5 unknown14.62 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	11.53 ng	274035	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Bis(trifluoromethyl)benzoic ...	258	C9H4F6O2	000725-89-3	46
2		1-Bromo-3-tert-butyl-2-methoxy-5...	256	C12H17BrO	117439-55-1	40
3		Dibenzo(b,def)carbazole	241	C18H11N	104313-09-9	38
4		Phenol, 4,4'-(1-methylethylidene...	256	C17H20O2	000079-97-0	35
5		1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
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Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
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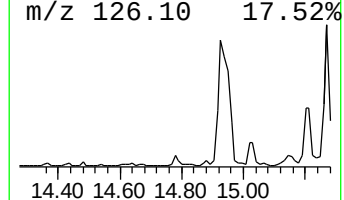
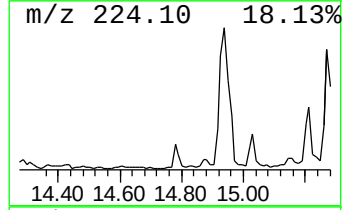
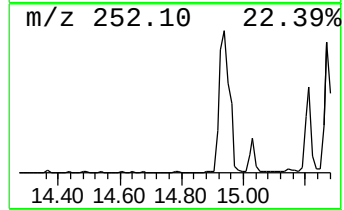
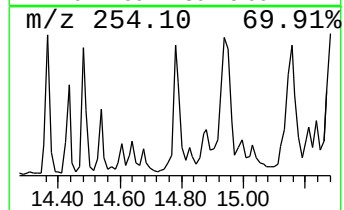
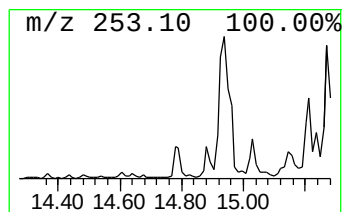
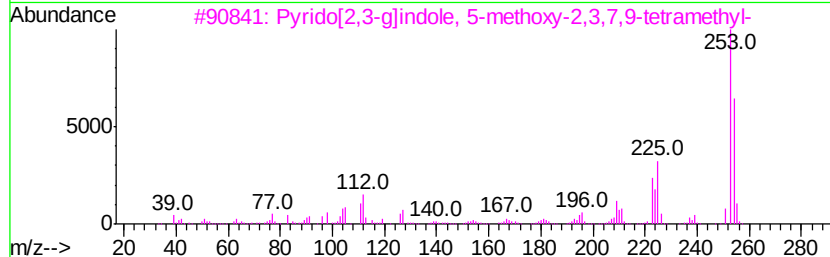
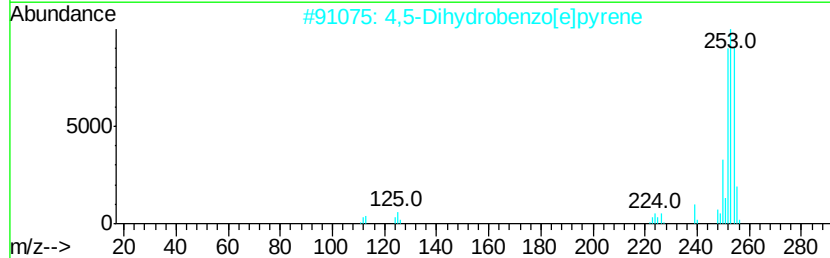
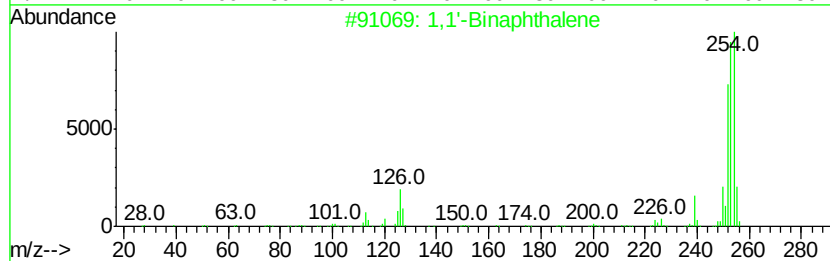
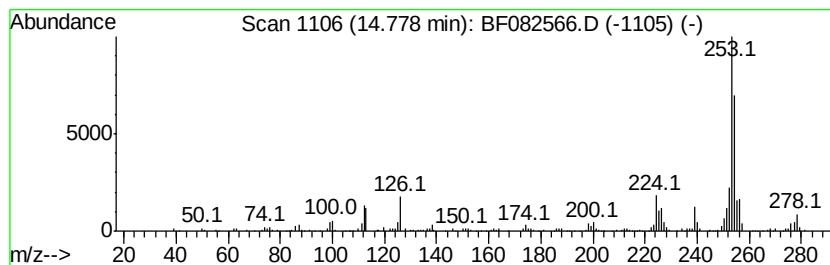
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Binaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	8.27 ng	196566	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Binaphthalene	254 C20H14	000604-53-5 68
2		4,5-Dihydrobenzo[el]pyrene	254 C20H14	095676-42-9 68
3		Pyrrodo[2,3-g]indole, 5-methoxy-2...	254 C16H18N2O	201991-45-9 64
4		9H-Fluorene, 9-(phenylmethylene)-	254 C20H14	001836-87-9 59
5		4,6'-BiazulenyI	254 C20H14	094154-49-1 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
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Operator : UM/IZ
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Misc :
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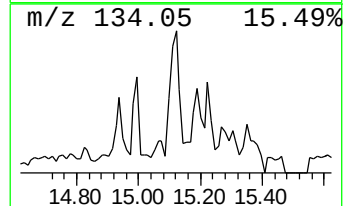
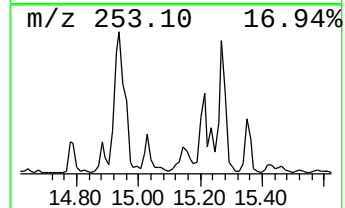
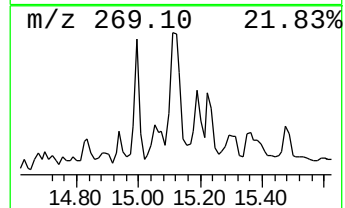
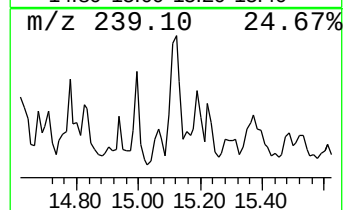
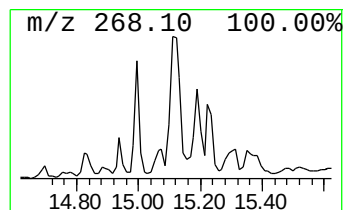
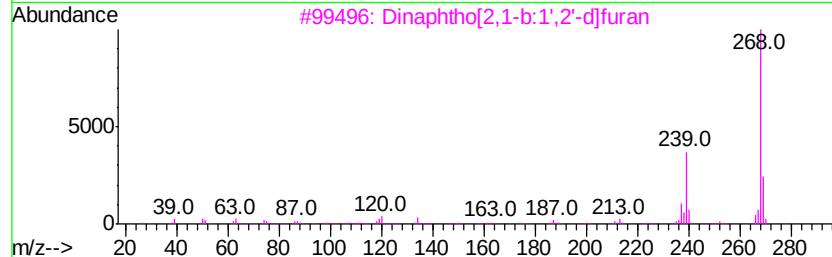
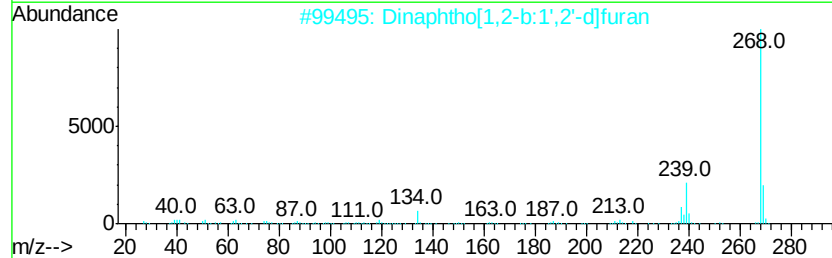
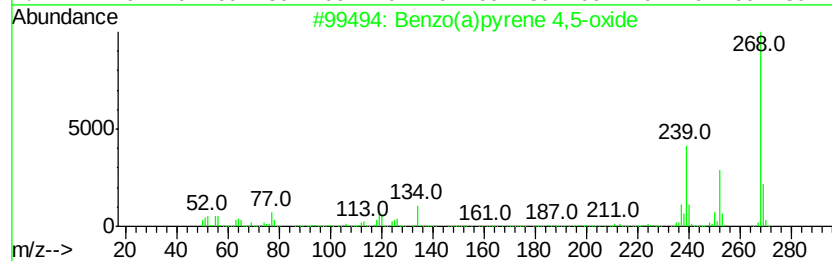
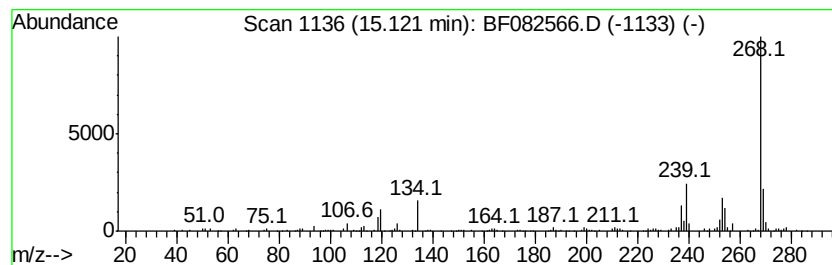
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo(a)pyrene 4,5-oxide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.12	9.90 ng	235315	Perylene-d12	15.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene	4,5-oxide	268	C20H12O	037574-47-3	87
2	Dinaphtho[1,2-b:1',2'-d]furan		268	C20H12O	000207-93-2	81
3	Dinaphtho[2,1-b:1',2'-d]furan		268	C20H12O	000194-63-8	74
4	Coumaran-6-ol-3-one, 2-[4-methox...		268	C16H12O4	020727-61-1	68
5	9,10-Anthracenedione, 1,4-diamin...		268	C15H12N2O3	002872-48-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S1-BOILERROOM2.5FTDEEP

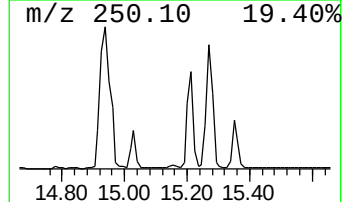
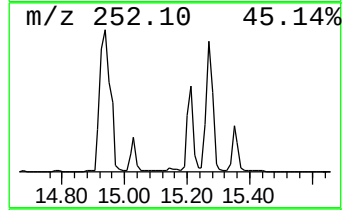
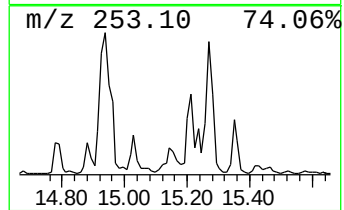
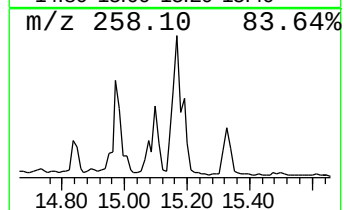
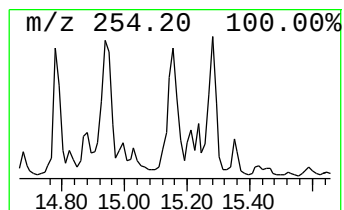
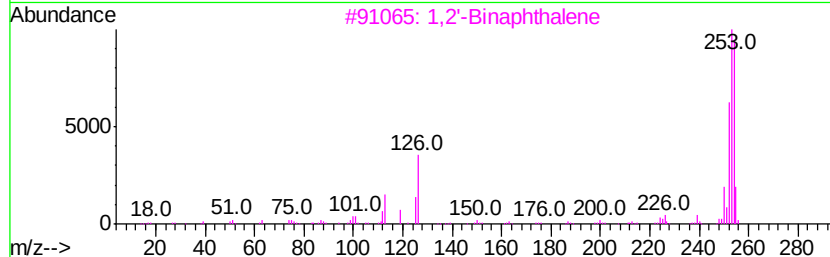
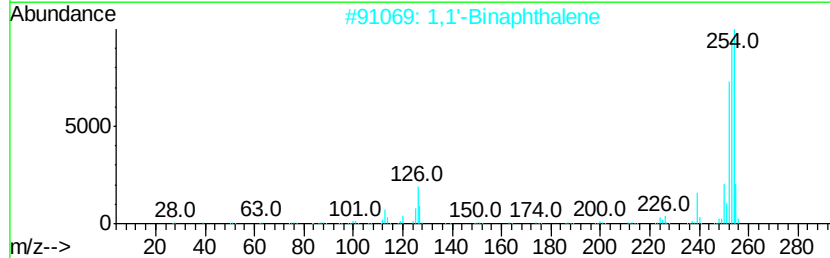
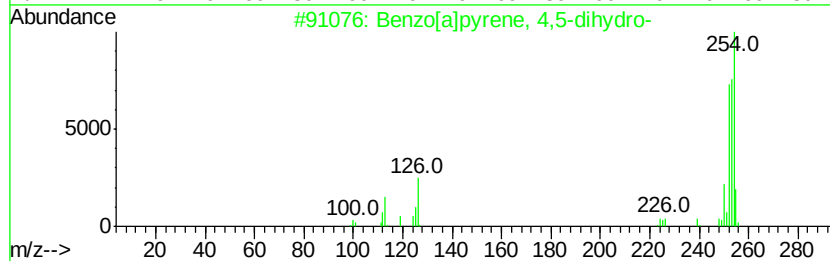
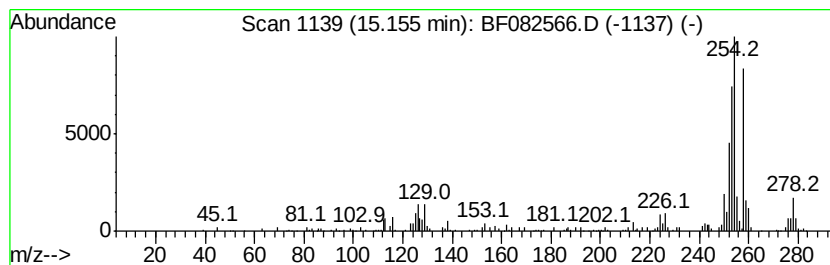
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	8.78 ng	208724	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	50
2		1,1'-Binaphthalene	254	C20H14	000604-53-5	50
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	50
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	45
5		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S1-BOILERROOM2.5FTDEEP

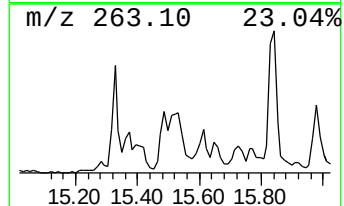
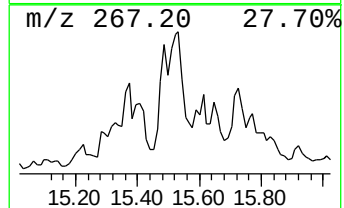
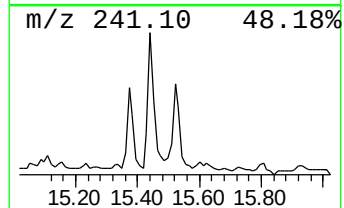
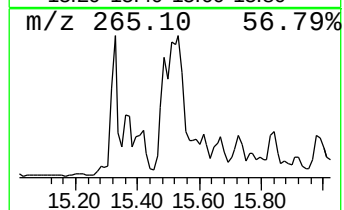
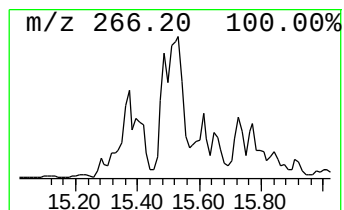
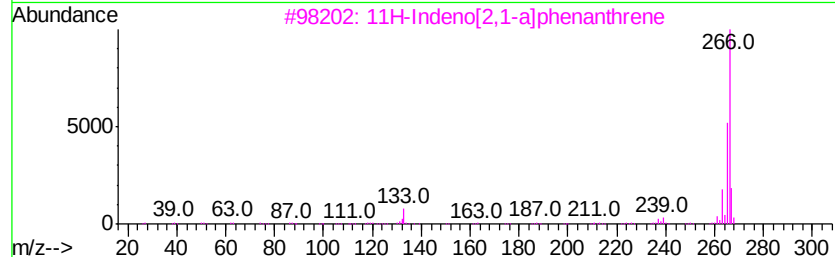
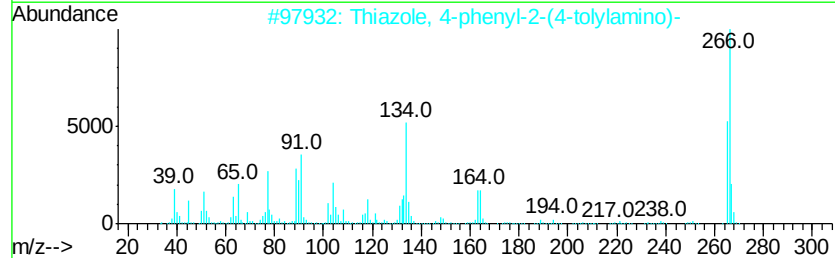
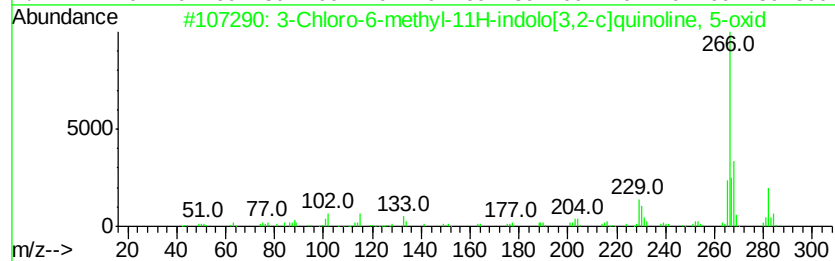
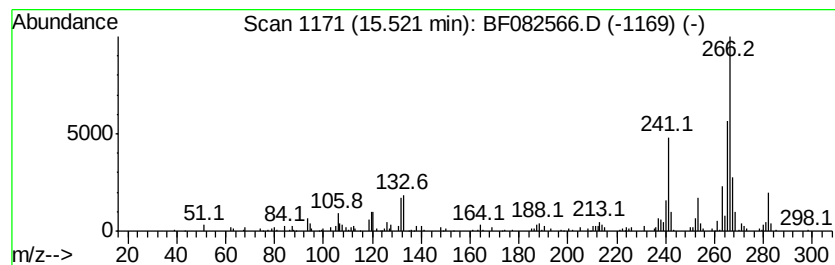
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown15.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	11.36 ng	270032	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-methyl-11H-indolo[3,2...	282	C16H11ClN2O	1000212-76-7	47
2		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	47
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	45
4		13H-Dibenzof[a,h]fluorene	266	C21H14	000239-85-0	43
5		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
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Acq On : 28 Oct 2015 00:50
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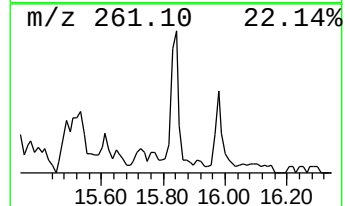
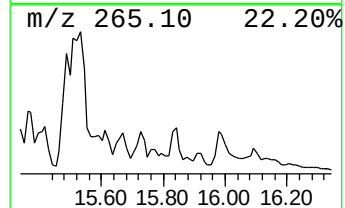
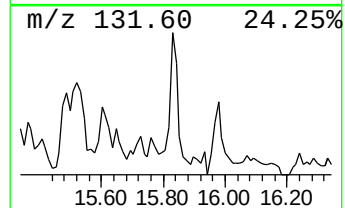
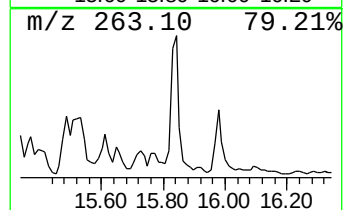
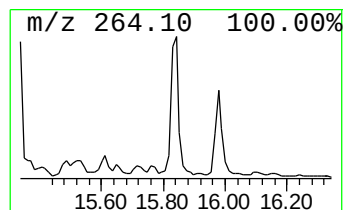
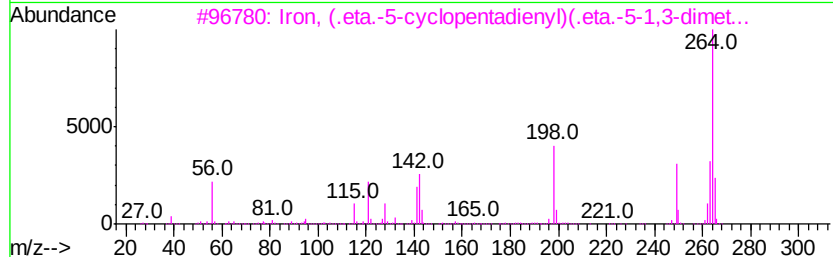
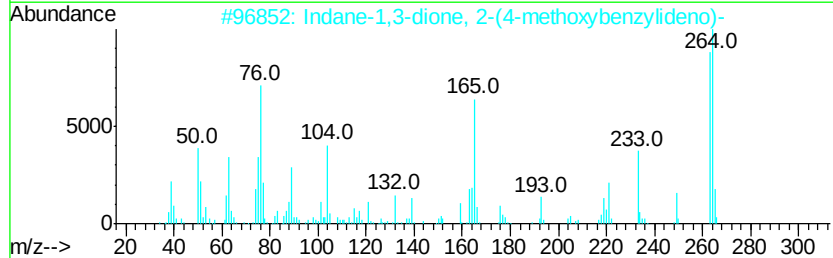
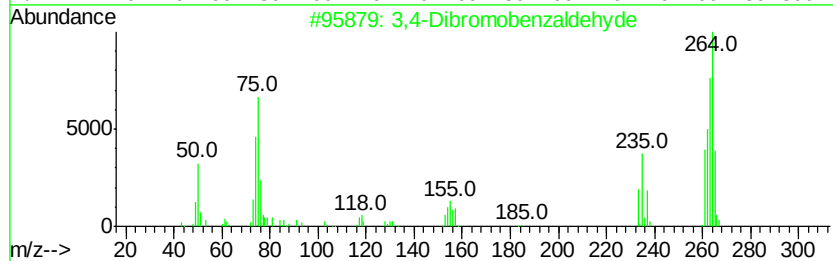
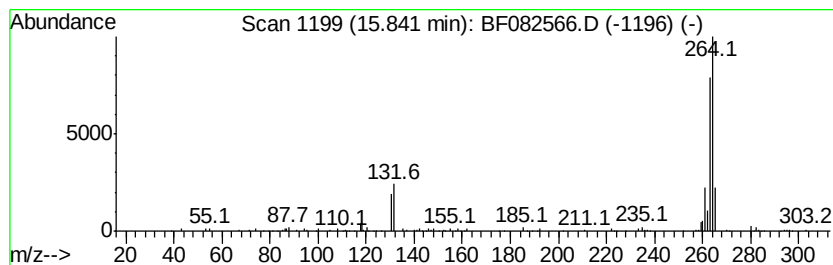
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,4-Dibromobenzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.84	8.70 ng	206826	Perylene-d12	15.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64	
2	Indane-1,3-dione, 2-(4-methoxybenzylidene)-	264	C17H12O3	007421-76-3	53	
3	Iron, (.eta.-5-cyclopentadienyl)(.eta.-5-1,3-dimethyl-2-imidazolidinylidene)-	264	C16H16Fe	1000155-06-6	32	
4	2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	27	
5	2-Oxo-6-phenyl-4-(4-hydroxyphenyl)-2H-pyrimidin-5(1H)-one	264	C16H12N2O2	161200-20-0	23	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
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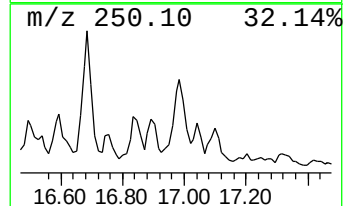
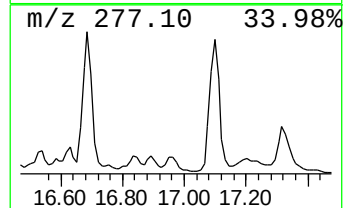
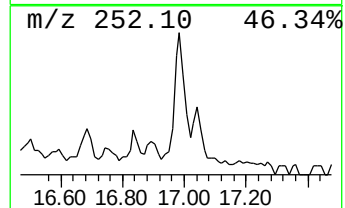
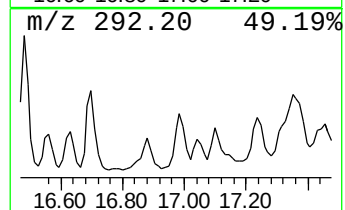
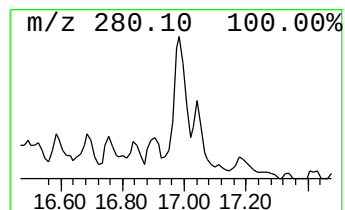
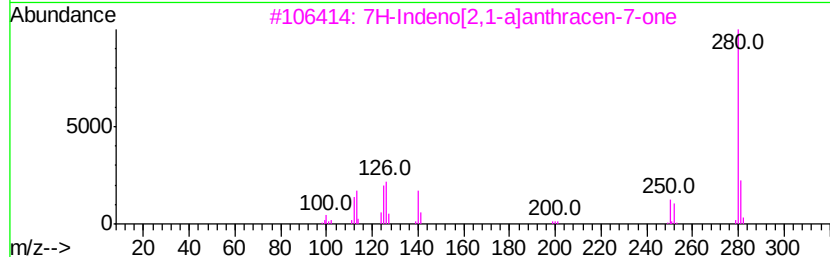
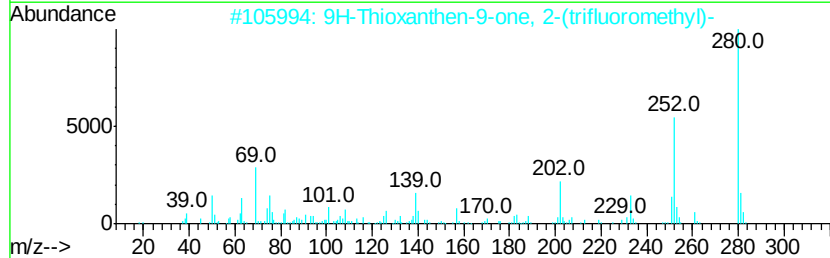
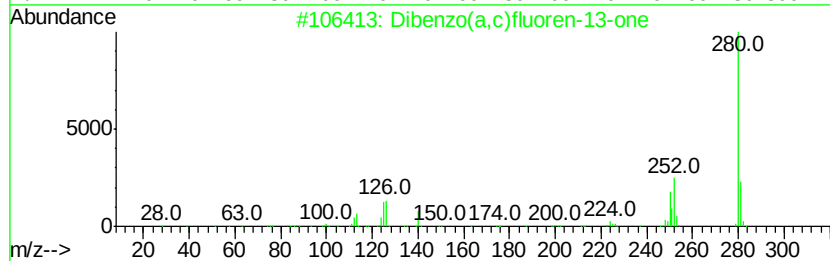
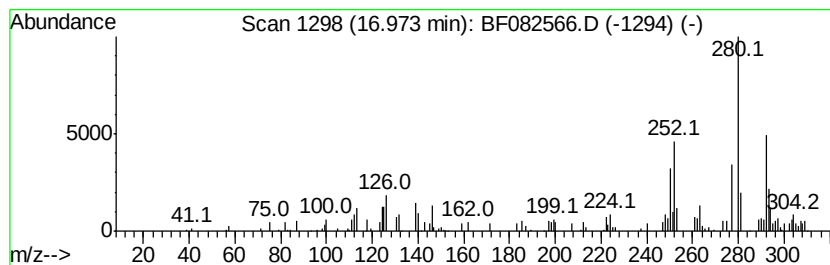
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dibenzo(a,c)fluoren-13-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	9.26 ng	220178	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	50
2		9H-Thioxanthen-9-one, 2-(trifluo...	280	C14H7F3OS	001693-28-3	43
3		7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	38
4		Dibenz[a,ilanthracene-5,6-quinone	308	C22H12O2	052755-66-5	38
5		Pteridin-4-ol, 6,7-bis(2-furyl)-	280	C14H8N4O3	313996-29-1	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
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ClientSampleId :
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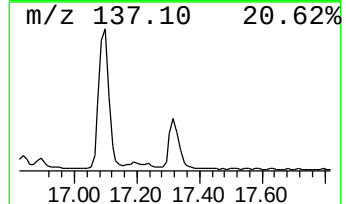
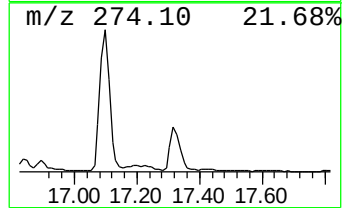
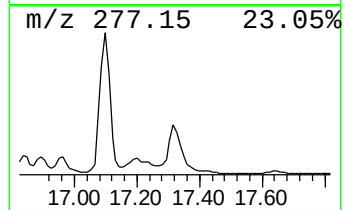
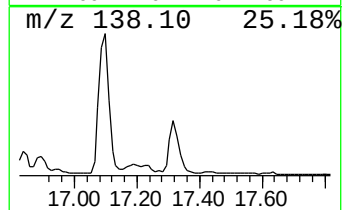
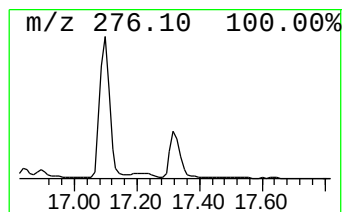
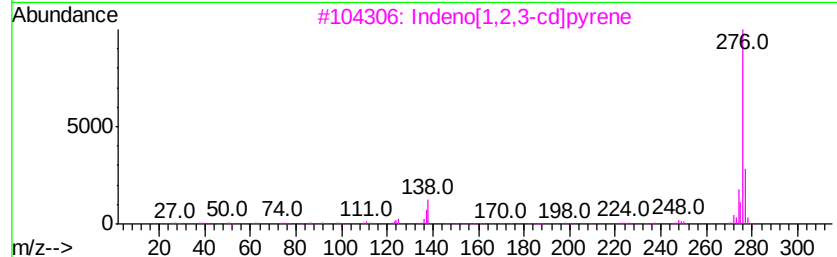
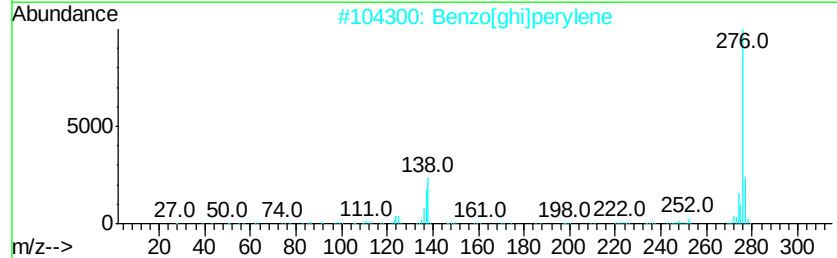
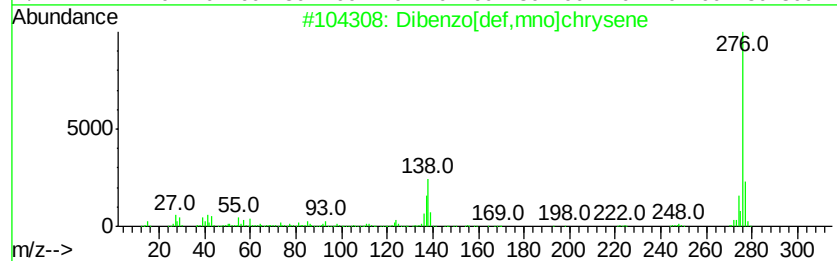
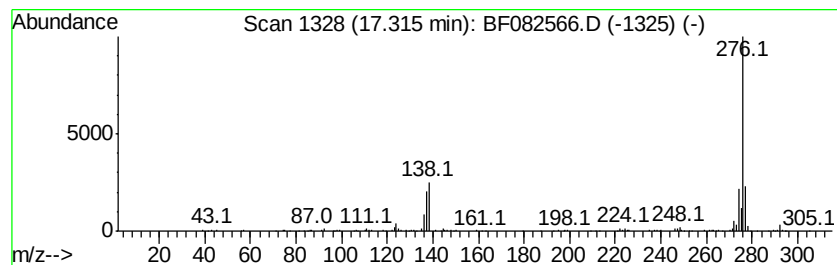
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	22.83 ng	542816	Perylene-d12	15.33

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	95
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5		6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

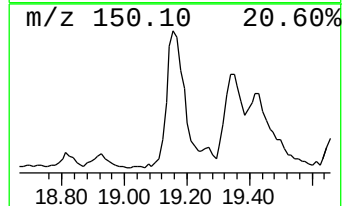
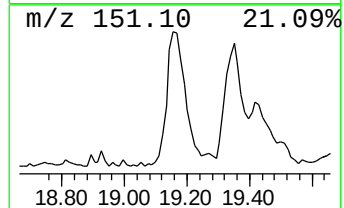
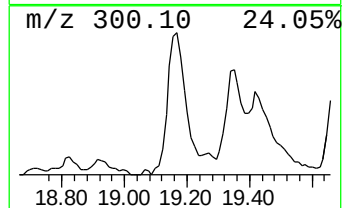
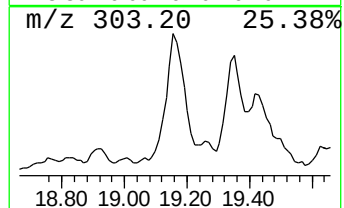
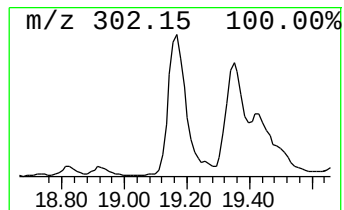
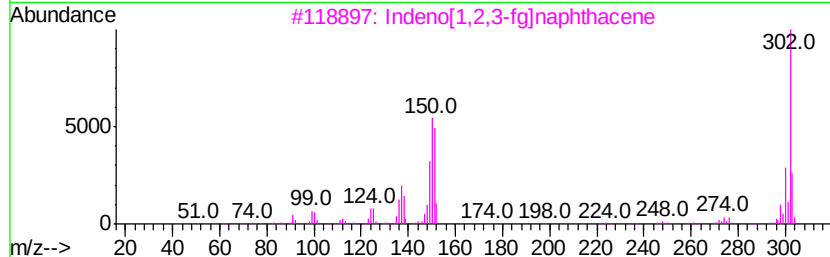
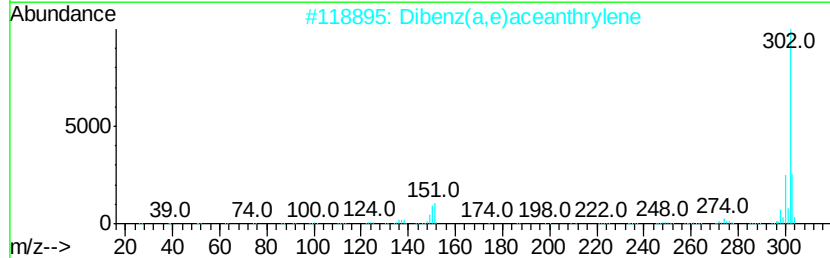
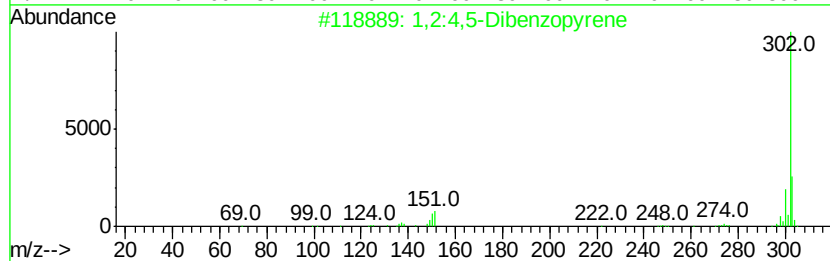
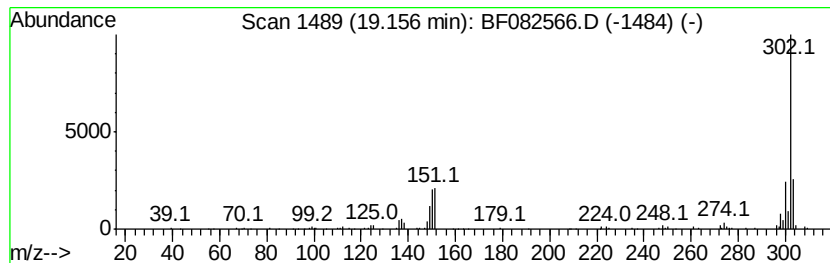
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:4,5-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	17.58 ng	418017	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	94
3		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	86
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

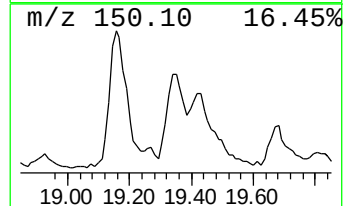
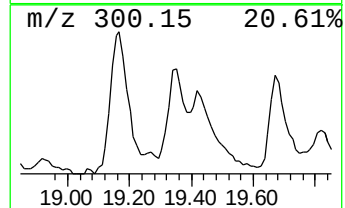
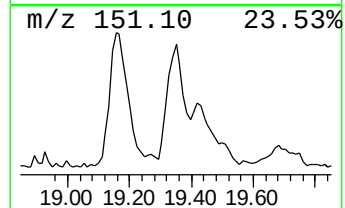
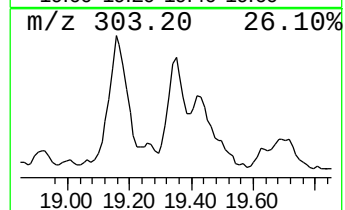
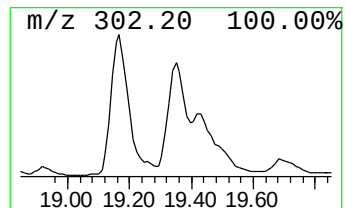
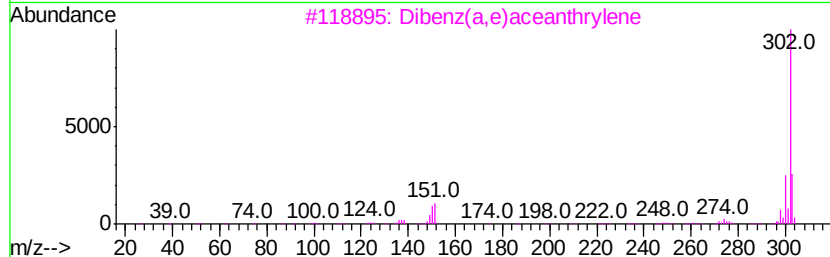
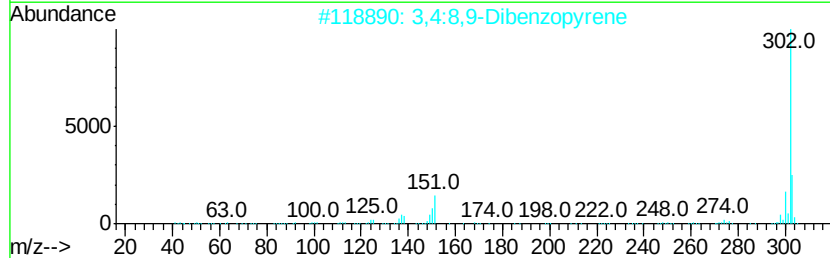
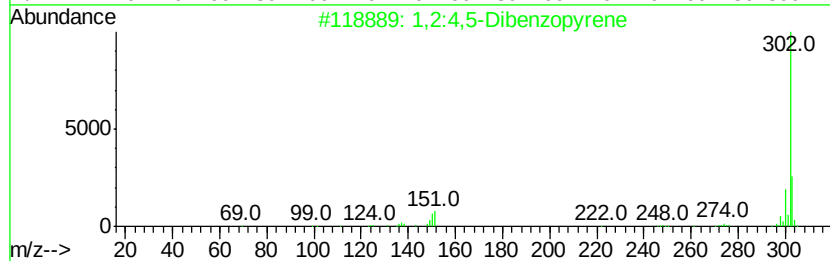
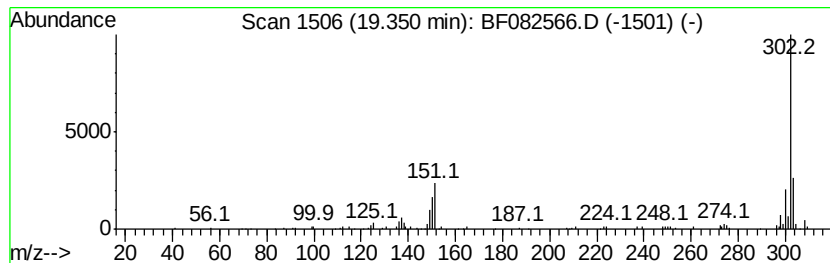
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3,4:8,9-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	14.36 ng	341385	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

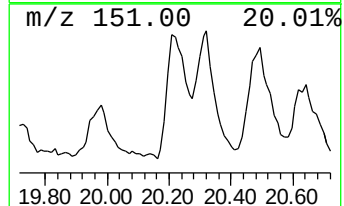
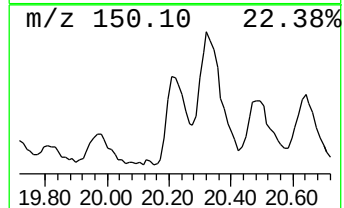
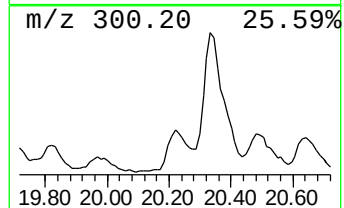
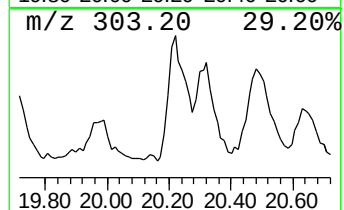
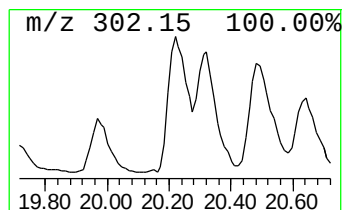
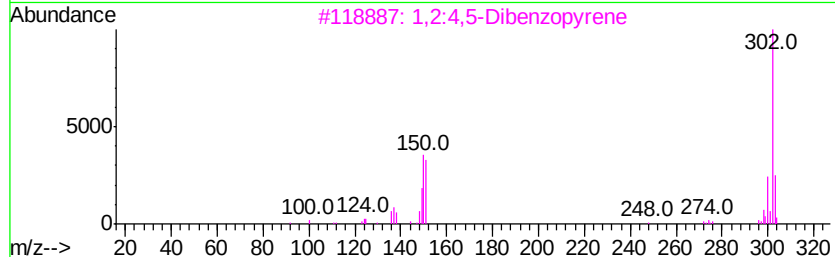
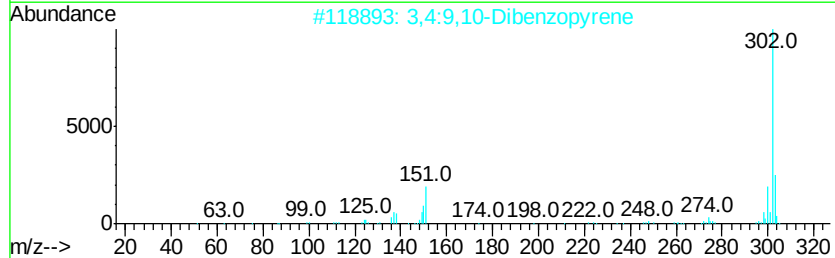
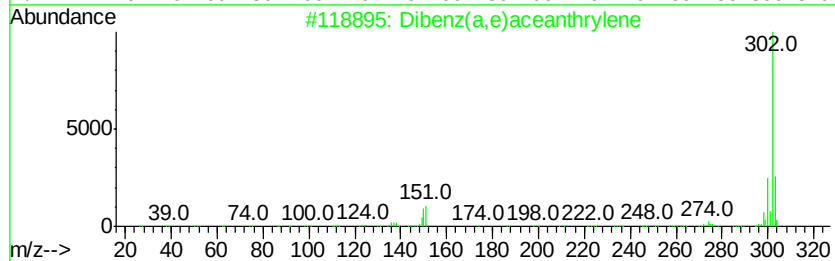
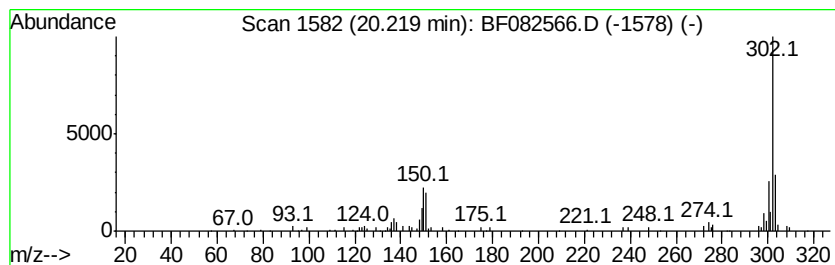
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	8.04 ng	191252	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
4			Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	93
5			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082566.D
Acq On : 28 Oct 2015 00:50
Operator : UM/IZ
Sample : G4178-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

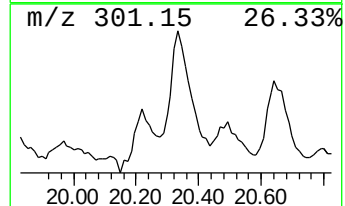
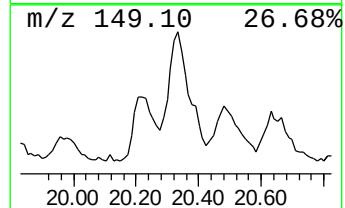
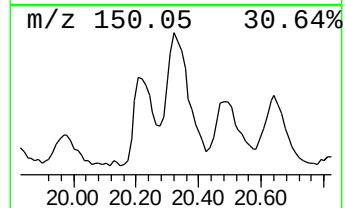
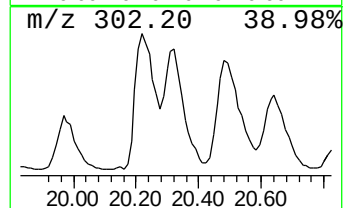
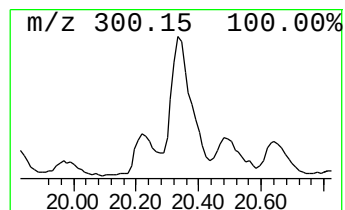
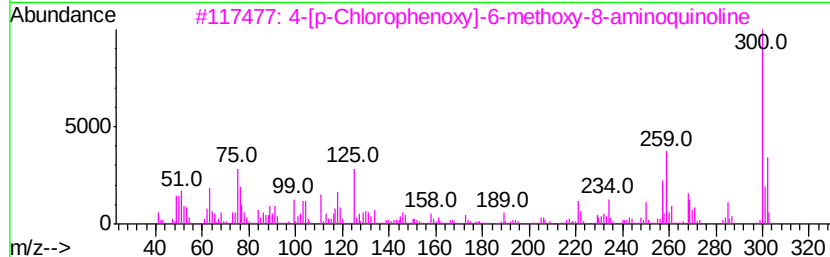
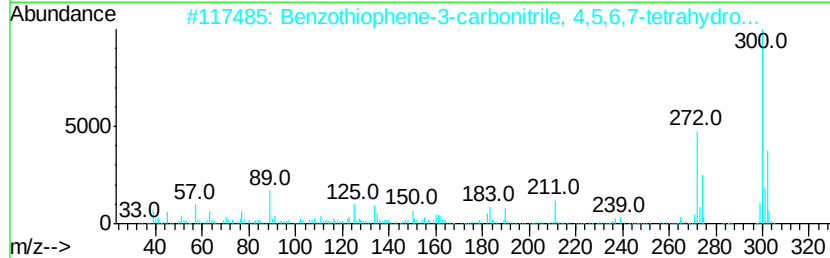
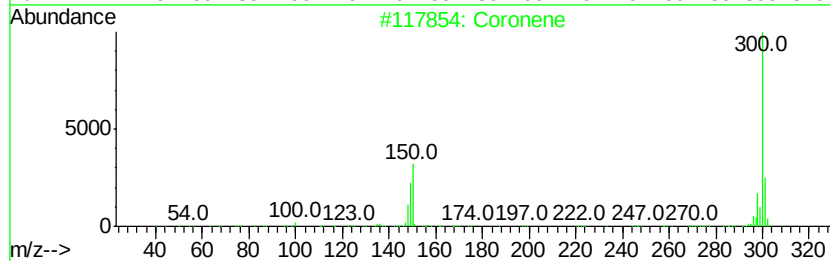
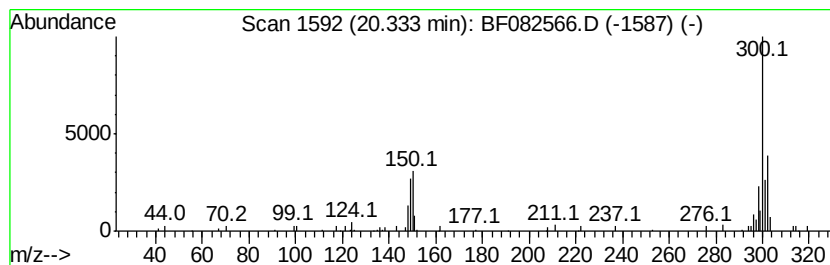
Instrument :
BNA_F
ClientSampleId :
S1-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	11.74 ng	279158	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Coronene		300 C24H12	000191-07-1 96
2	Benzo[thiophene-3-carbonitrile, 4...		300 C16H13ClN2S	069438-07-9 52
3	4-[p-Chlorophenoxy]-6-methoxy-8-...		300 C16H13ClN2O2	063456-90-6 50
4	Pvrazine, 2,5-bis(4-chlorophenyl)-		300 C16H10Cl2N2	074376-33-3 49
5	5-(p-(Dimethylamino)benzylidenea...		300 C21H20N2	006256-22-0 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082566.D
 Acq On : 28 Oct 2015 00:50
 Operator : UM/IZ
 Sample : G4178-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-BOILERROOM2.5FTDEEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.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...	4.88	51.4	ng	1234850	1	6.71	480380	20.0
Diphenylmethane	10.39	7.7	ng	342285	3	9.75	890049	20.0
unknown14.62	14.62	11.5	ng	274035	6	15.33	475532	20.0
1,1'-Binaphthalene	14.78	8.3	ng	196566	6	15.33	475532	20.0
Benzo(a)pyrene 4,...	15.12	9.9	ng	235315	6	15.33	475532	20.0
Benzo[a]pyrene, 4...	15.16	8.8	ng	208724	6	15.33	475532	20.0
unknown15.52	15.52	11.4	ng	270032	6	15.33	475532	20.0
3,4-Dibromobenzal...	15.84	8.7	ng	206826	6	15.33	475532	20.0
Dibenzo(a,c)fluor...	16.97	9.3	ng	220178	6	15.33	475532	20.0
Dibenzo[def,mno]c...	17.32	22.8	ng	542816	6	15.33	475532	20.0
1,2:4,5-Dibenzopy...	19.16	17.6	ng	418017	6	15.33	475532	20.0
3,4:8,9-Dibenzopy...	19.35	14.4	ng	341385	6	15.33	475532	20.0
Dibenz(a,e)aceant...	20.22	8.0	ng	191252	6	15.33	475532	20.0
Coronene	20.33	11.7	ng	279158	6	15.33	475532	20.0