

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083461.D
 Acq On : 3 Dec 2015 15:39
 Operator : UM/IZ
 Sample : G4585-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-13(0-8)

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-BF113015.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	4.647	257	259	275	rVB	878958	1719425	17.37%	1.301%
2	5.116	298	300	303	rBV	3630846	5432297	54.88%	4.109%
3	5.310	315	317	327	rVB	216840	273118	2.76%	0.207%
4	6.202	393	395	398	rBV	4580434	5525349	55.82%	4.180%
5	6.304	401	404	406	rVV	5675787	5940584	60.01%	4.494%
6	6.522	421	423	426	rBV	935014	1025964	10.36%	0.776%
7	6.682	435	437	440	rBV	4105023	4098072	41.40%	3.100%
8	7.104	471	474	476	rBV	3582924	3899691	39.40%	2.950%
9	7.390	497	499	502	rBV	237958	334986	3.38%	0.253%
10	7.813	534	536	541	rBV2	1458898	1727036	17.45%	1.306%
11	8.522	596	598	601	rBV2	184932	265593	2.68%	0.201%
12	8.899	628	631	633	rBV	6200338	6250485	63.14%	4.728%
13	9.013	640	641	646	rVV	262093	370890	3.75%	0.281%
14	9.299	664	666	668	rVV	1673074	1633857	16.51%	1.236%
15	9.425	674	677	679	rVB	512249	687292	6.94%	0.520%
16	9.516	683	685	687	rBV	223170	251658	2.54%	0.190%
17	9.562	687	689	690	rVV	1636852	1636537	16.53%	1.238%
18	9.585	690	691	696	rVB	227145	317993	3.21%	0.241%
19	10.019	727	729	730	rVB	218780	262466	2.65%	0.199%
20	10.099	735	736	739	rVV	269693	261950	2.65%	0.198%
21	10.236	745	748	749	rVV2	138879	205342	2.07%	0.155%
22	10.351	755	758	761	rVB	3512671	3732887	37.71%	2.824%
23	10.488	767	770	774	rBV2	296549	476770	4.82%	0.361%
24	10.579	777	778	782	rVB	226085	216107	2.18%	0.163%
25	10.876	803	804	807	rVB	191177	241708	2.44%	0.183%
26	10.979	811	813	815	rVB	331385	408317	4.12%	0.309%
27	11.093	820	823	824	rBV	1349774	1610867	16.27%	1.219%
28	11.128	824	826	828	rVV	4360405	4552534	45.99%	3.444%
29	11.185	828	831	833	rVB	595472	680425	6.87%	0.515%
30	11.448	852	854	856	rBV	361525	401749	4.06%	0.304%
31	11.482	856	857	861	rVB3	167277	259220	2.62%	0.196%
32	11.585	863	866	869	rVB2	137373	229936	2.32%	0.174%
33	11.699	873	876	877	rVV	710463	756391	7.64%	0.572%
34	11.734	877	879	882	rVB	793678	848483	8.57%	0.642%

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35	11.791	882	884	886	rBV	355446	444035	4.49%	0.336%
36	11.836	886	888	889	rVV	1046296	1249733	12.63%	0.945%
37	11.859	889	890	893	rVB	374856	528316	5.34%	0.400%
38	12.088	907	910	911	rVV	656136	997909	10.08%	0.755%
39	12.111	911	912	915	rVB	491410	538000	5.44%	0.407%
40	12.282	923	927	929	rBV2	150434	244567	2.47%	0.185%
41	12.419	936	939	941	rBV	323855	486411	4.91%	0.368%
42	12.454	941	942	944	rVV	197603	285200	2.88%	0.216%
43	12.534	947	949	953	rVB	456671	720211	7.28%	0.545%
44	12.636	954	958	961	rBV	4677449	7654792	77.33%	5.790%
45	12.751	966	968	972	rVB2	277227	475354	4.80%	0.360%
46	12.831	972	975	977	rBV2	254663	460829	4.66%	0.349%
47	12.957	981	986	988	rVV	5825455	9898727	100.00%	7.488%
48	13.185	1002	1006	1009	rVB	3924699	5506026	55.62%	4.165%
49	13.265	1009	1013	1016	rBV	306682	510085	5.15%	0.386%
50	13.379	1020	1023	1025	rBV3	304019	726388	7.34%	0.549%
51	13.414	1025	1026	1030	rVB	453067	529863	5.35%	0.401%
52	13.517	1033	1035	1037	rBV	219087	260964	2.64%	0.197%
53	13.562	1037	1039	1041	rBV	587330	704776	7.12%	0.533%
54	13.688	1048	1050	1052	rBV	370823	505252	5.10%	0.382%
55	13.734	1052	1054	1058	rVB	382302	541013	5.47%	0.409%
56	14.168	1088	1092	1096	rVB2	347367	594806	6.01%	0.450%
57	14.328	1102	1106	1108	rBV	538040	891653	9.01%	0.674%
58	14.374	1108	1110	1111	rVV	630602	1036748	10.47%	0.784%
59	14.397	1111	1112	1114	rVV	966268	986019	9.96%	0.746%
60	14.442	1114	1116	1118	rVB2	132120	204307	2.06%	0.155%
61	14.488	1118	1120	1123	rVB	311953	396591	4.01%	0.300%
62	14.614	1130	1131	1135	rVB2	169860	241525	2.44%	0.183%
63	14.705	1135	1139	1142	rBV2	2492565	5915448	59.76%	4.475%
64	14.762	1142	1144	1146	rVV	2435498	3106626	31.38%	2.350%
65	14.934	1155	1159	1161	rBV3	328531	524366	5.30%	0.397%
66	15.322	1189	1193	1195	rVV	339202	602394	6.09%	0.456%
67	15.368	1195	1197	1201	rVV2	190586	457942	4.63%	0.346%
68	15.471	1203	1206	1207	rVV2	248147	448734	4.53%	0.339%
69	15.505	1207	1209	1213	rVV2	157611	453793	4.58%	0.343%
70	15.562	1213	1214	1218	rVV	177112	249280	2.52%	0.189%
71	15.642	1218	1221	1225	rVB	216083	337278	3.41%	0.255%

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72	15.985	1248	1251	1254	rVV	151885	275994	2.79%	0.209%
73	16.168	1264	1267	1272	rVB4	127805	282166	2.85%	0.213%
74	16.283	1272	1277	1283	rBV	2047105	5604459	56.62%	4.239%
75	16.397	1285	1287	1290	rVB	220371	348232	3.52%	0.263%
76	16.580	1299	1303	1304	rBV3	103733	212283	2.14%	0.161%
77	16.637	1304	1308	1311	rVV	1618223	2493901	25.19%	1.886%
78	16.717	1311	1315	1318	rVV	1680036	2698493	27.26%	2.041%
79	16.785	1318	1321	1322	rVV	659276	1094836	11.06%	0.828%
80	16.808	1322	1323	1326	rVV	315590	452629	4.57%	0.342%
81	16.854	1326	1327	1334	rVB2	92877	244507	2.47%	0.185%
82	16.968	1334	1337	1340	rBV3	80749	226594	2.29%	0.171%
83	17.128	1347	1351	1353	rBV3	131909	360581	3.64%	0.273%
84	17.346	1367	1370	1376	rVV3	231298	505580	5.11%	0.382%
85	17.780	1405	1408	1412	rBV2	95138	192255	1.94%	0.145%
86	17.928	1419	1421	1425	rVB	138064	246772	2.49%	0.187%
87	18.020	1425	1429	1431	rBV2	300087	759658	7.67%	0.575%
88	18.168	1438	1442	1446	rBV2	1249058	2531336	25.57%	1.915%
89	18.317	1452	1455	1457	rBV	165663	331955	3.35%	0.251%
90	18.363	1457	1459	1463	rVB	194399	315858	3.19%	0.239%
91	18.534	1470	1474	1479	rBV	1122562	2405527	24.30%	1.820%
92	18.729	1488	1491	1499	rVB	75872	218131	2.20%	0.165%
93	19.517	1555	1560	1574	rVB6	77276	364195	3.68%	0.275%
94	20.409	1632	1638	1646	rBV	294687	922206	9.32%	0.698%
95	20.569	1646	1652	1655	rVV	148517	524529	5.30%	0.397%
96	20.626	1655	1657	1667	rVB3	124343	409011	4.13%	0.309%
97	20.820	1668	1674	1680	rBV2	108223	411283	4.15%	0.311%
98	21.106	1692	1699	1708	rVB4	53954	241940	2.44%	0.183%
99	21.334	1713	1719	1721	rBV	94208	325858	3.29%	0.246%
100	21.403	1721	1725	1733	rVV	274450	948107	9.58%	0.717%

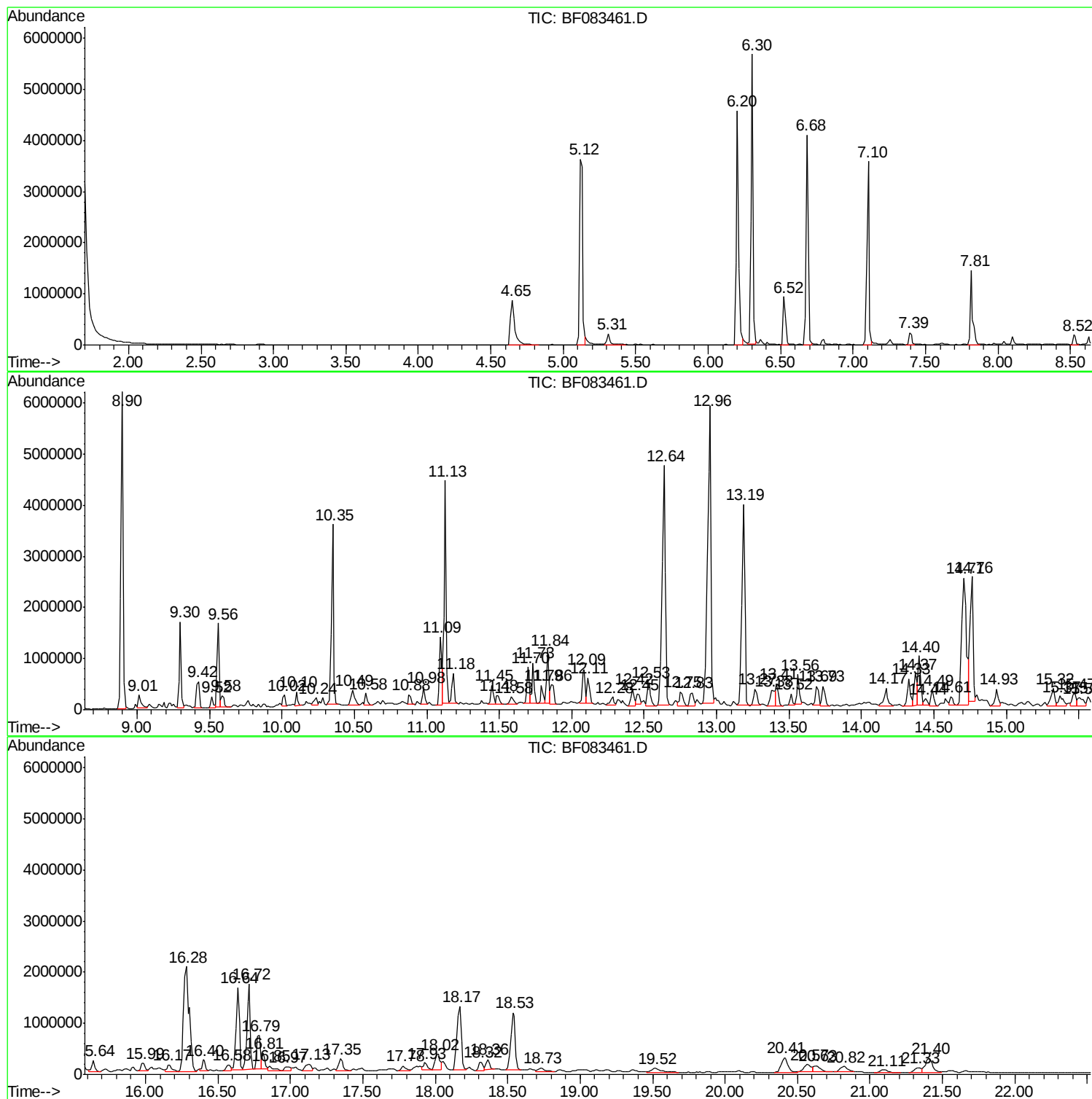
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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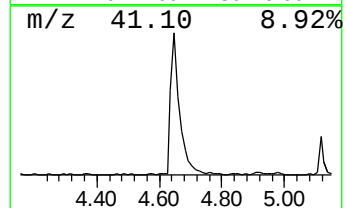
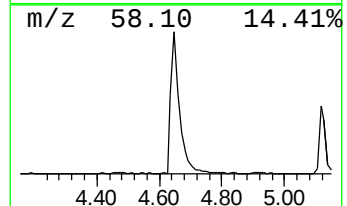
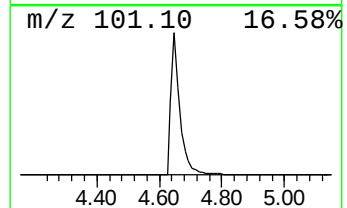
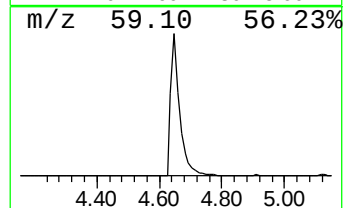
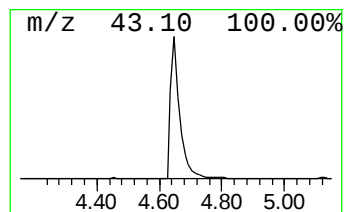
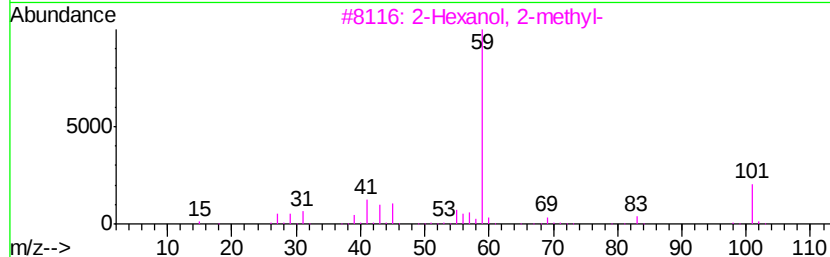
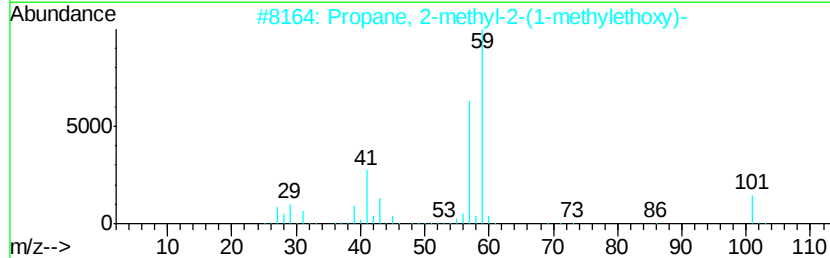
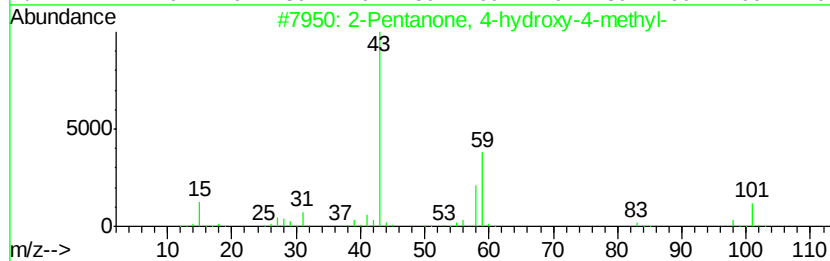
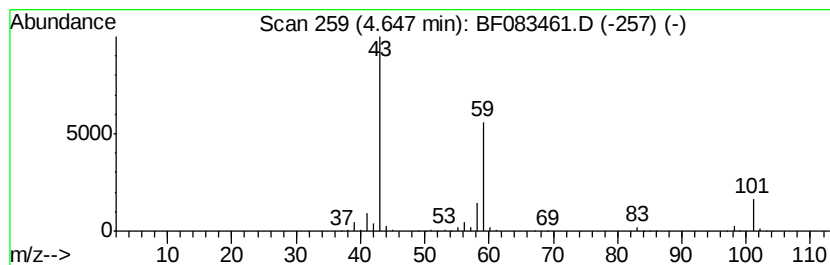
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.65	33.52 ng	1719430	1,4-Dichlorobenzene-d4	6.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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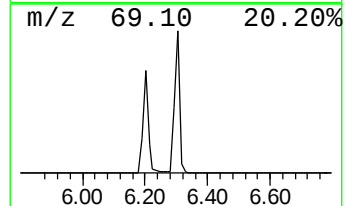
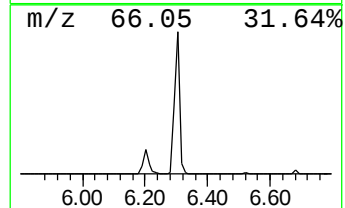
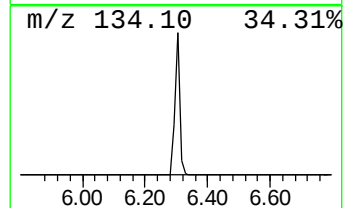
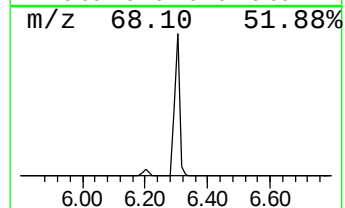
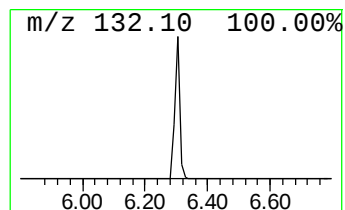
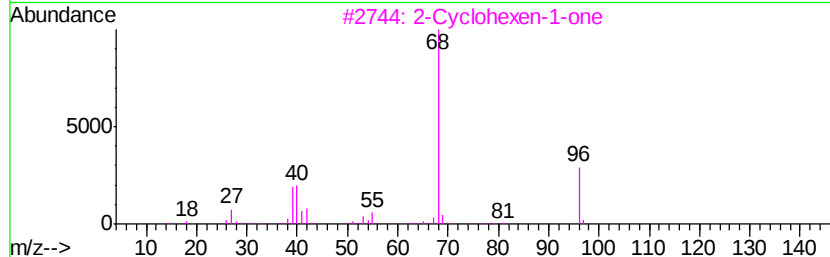
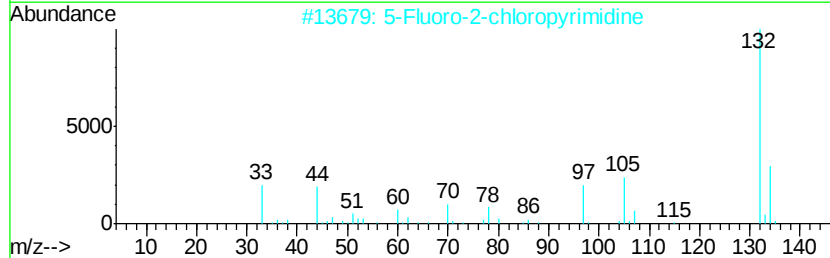
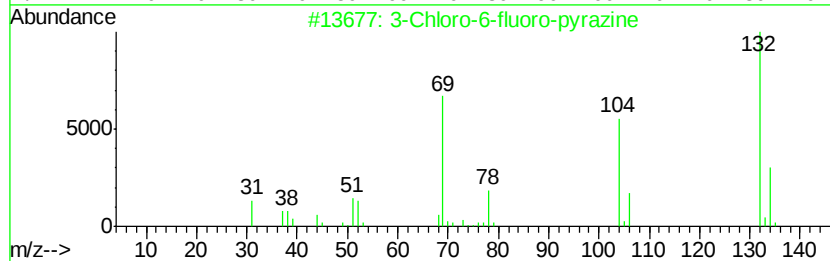
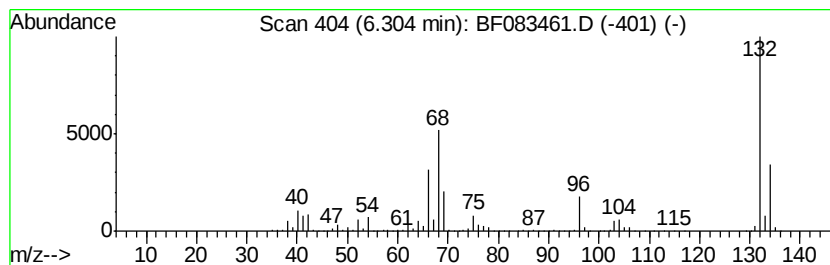
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	115.81 ng	5940580	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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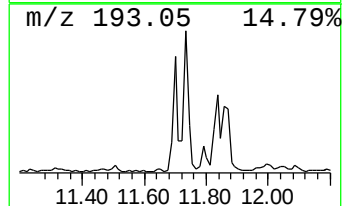
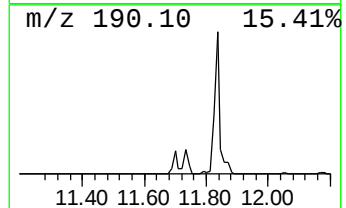
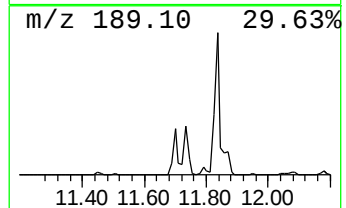
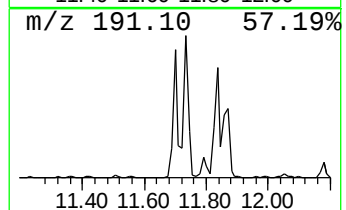
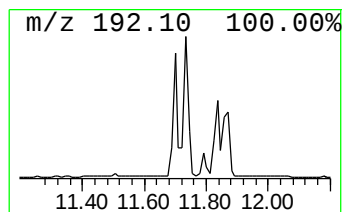
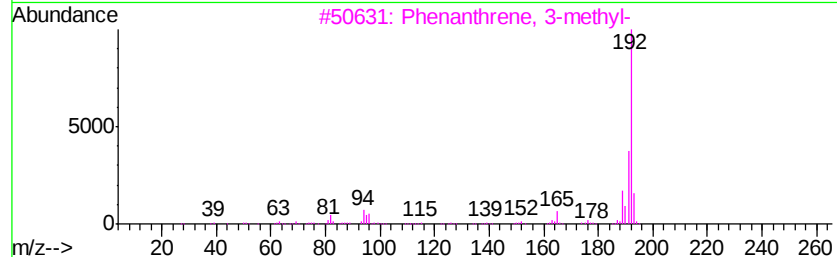
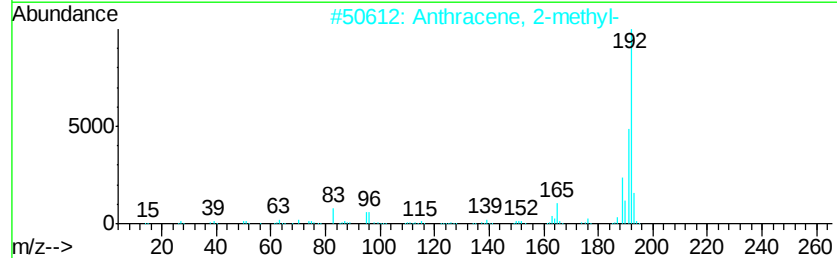
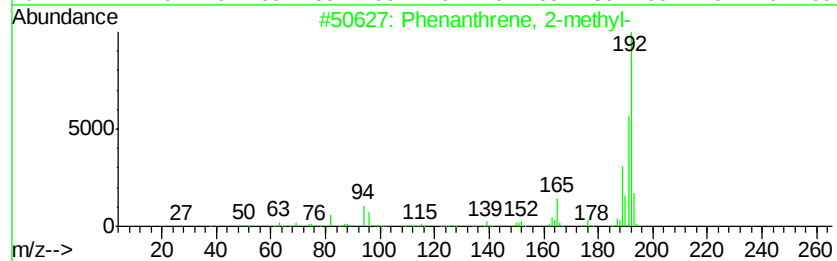
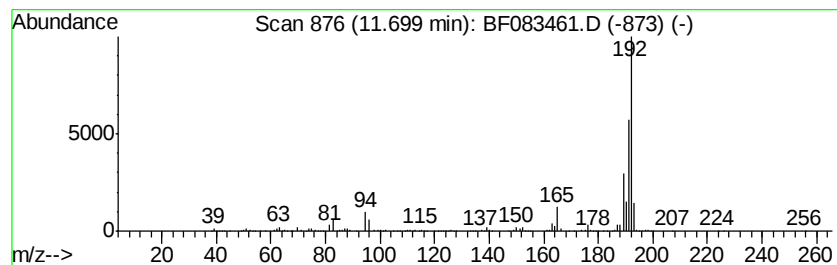
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.70	9.39 ng	756391	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
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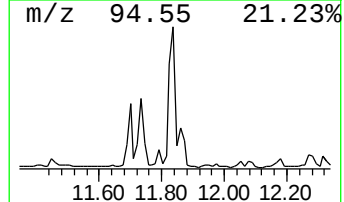
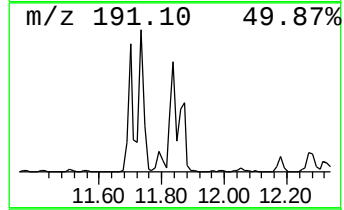
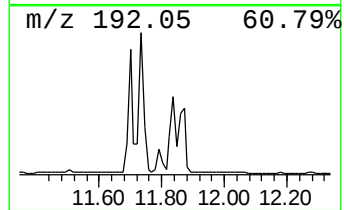
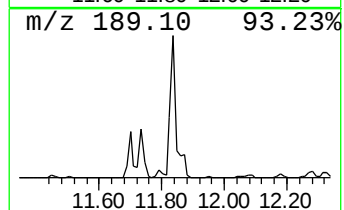
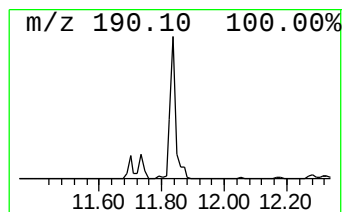
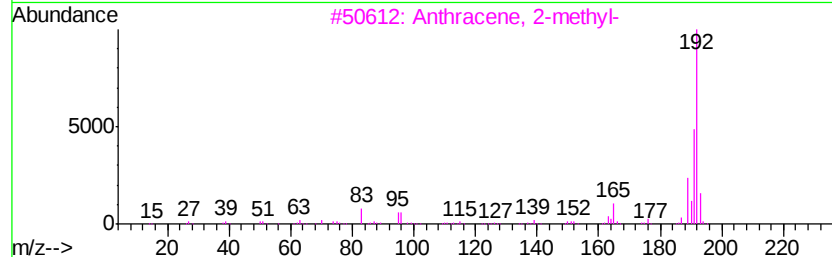
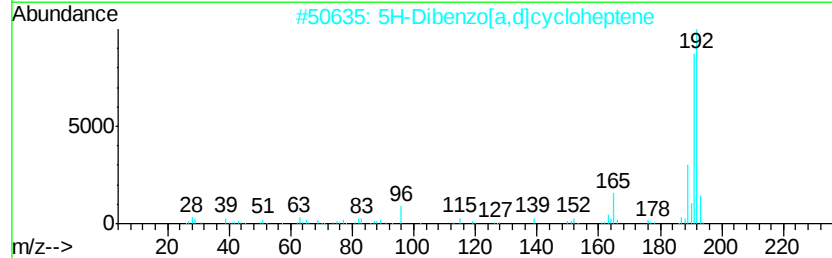
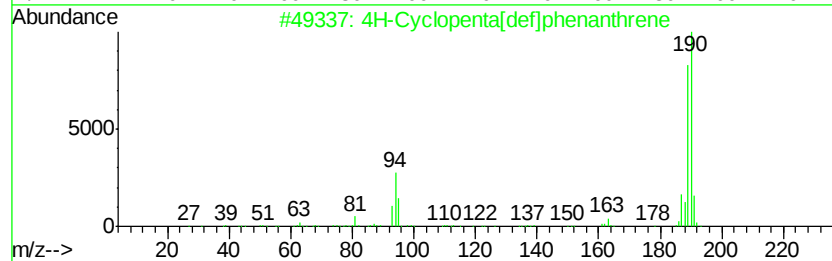
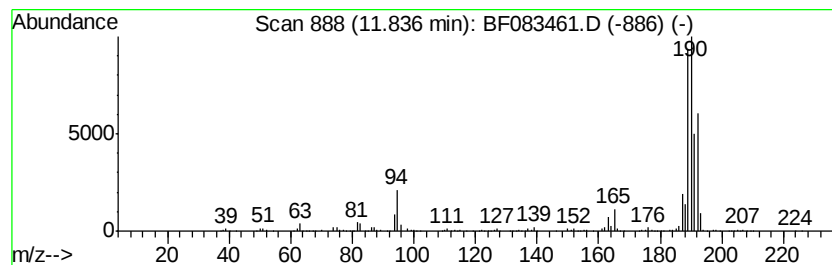
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ClientSampleId :
SB-P3WC-13(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.84	15.52 ng	1249730	Phenanthrene-d10		11.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
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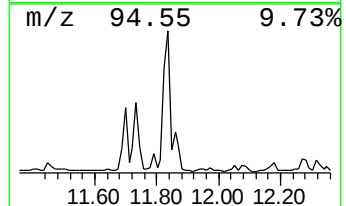
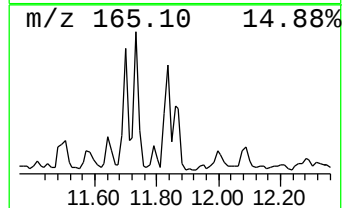
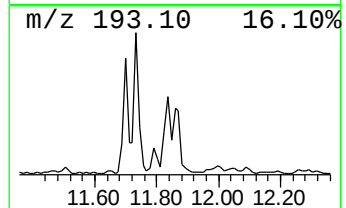
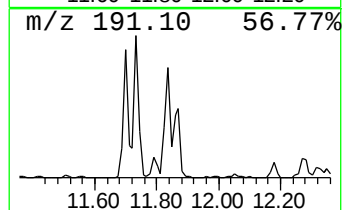
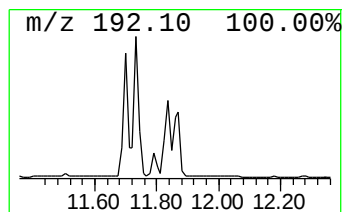
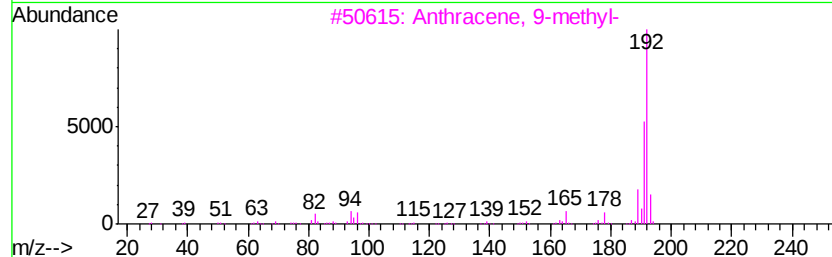
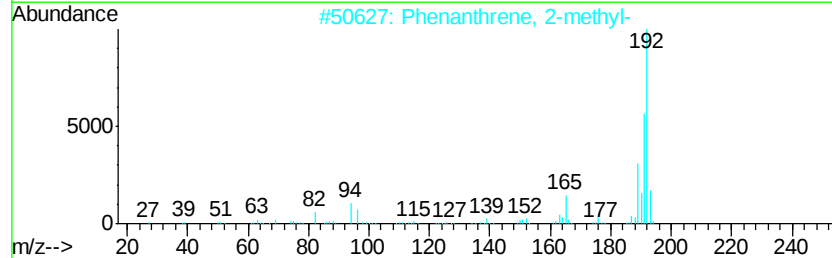
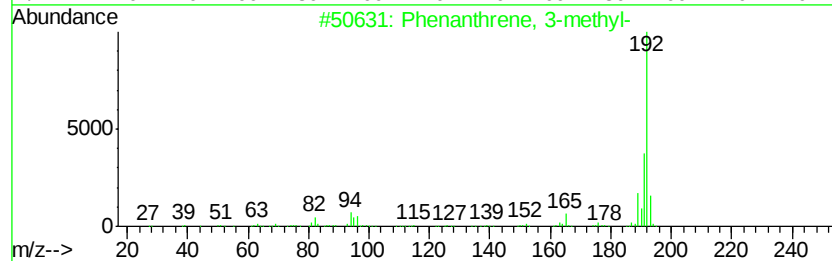
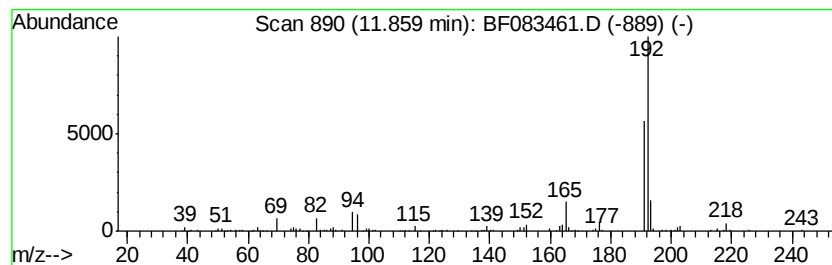
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	6.56 ng	528316	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-13(0-8)

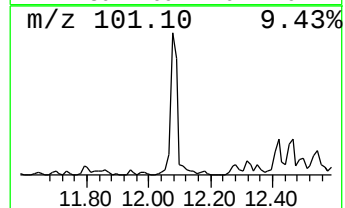
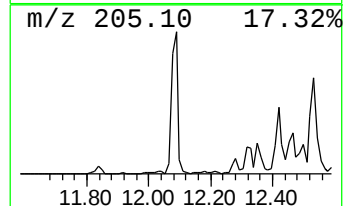
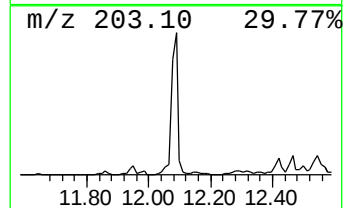
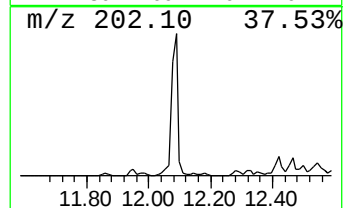
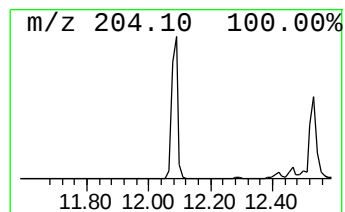
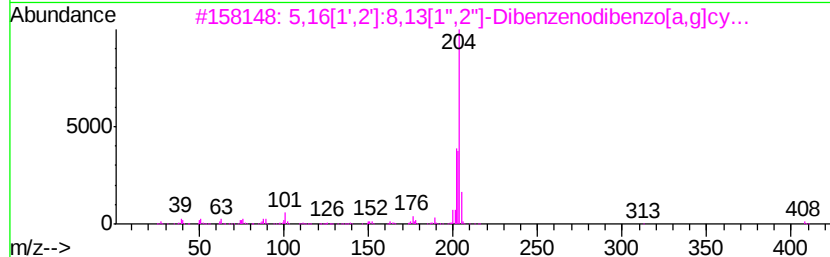
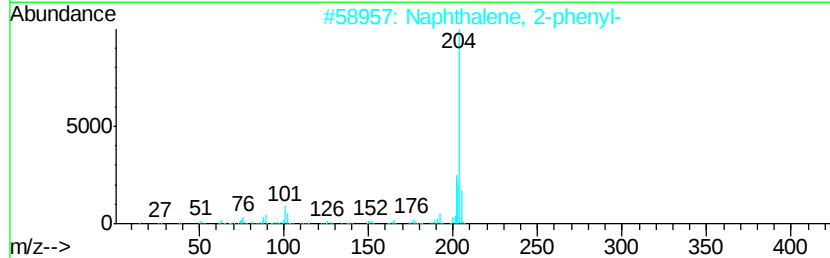
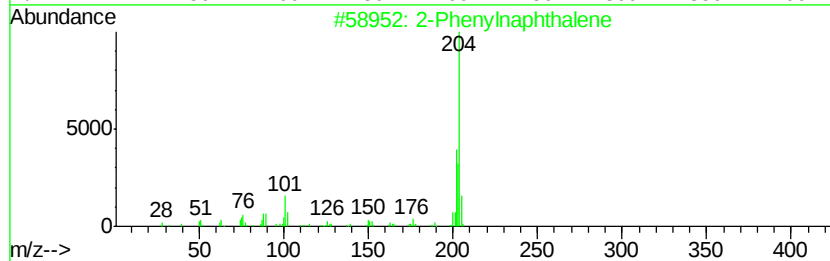
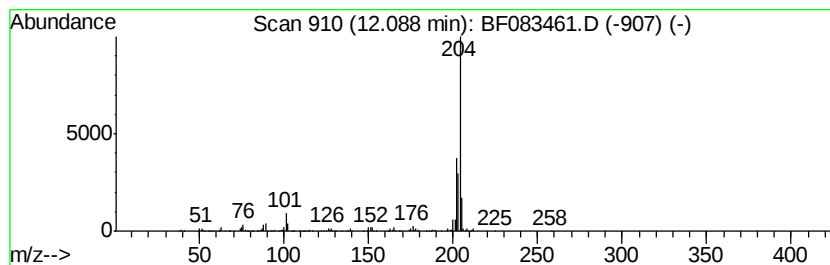
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Phenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	12.39 ng	997909	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		5,16[1',2'] : 8,13[1',2']-Dibenz...	408	C32H24	005672-97-9	91
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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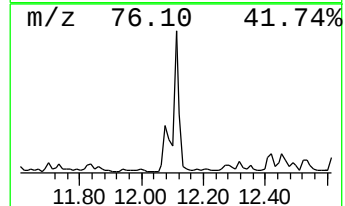
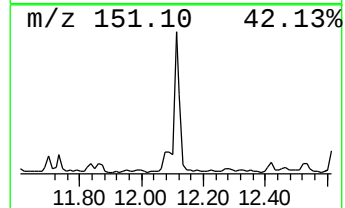
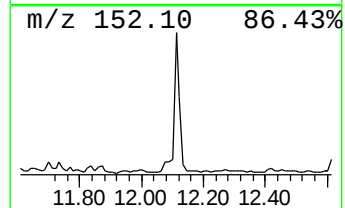
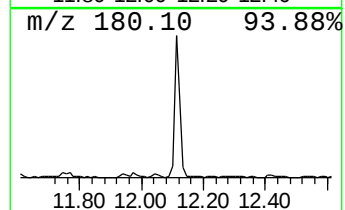
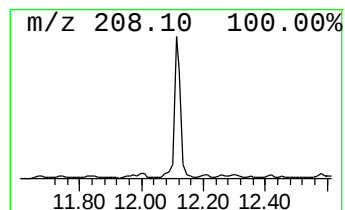
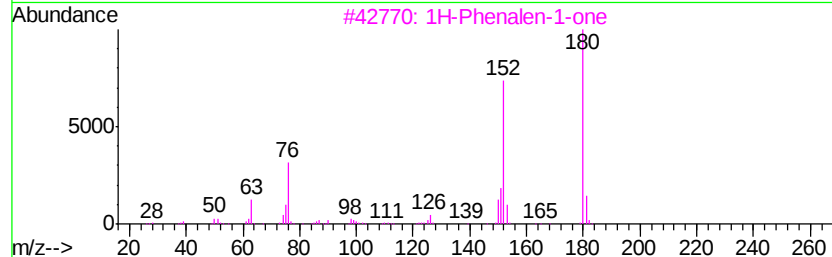
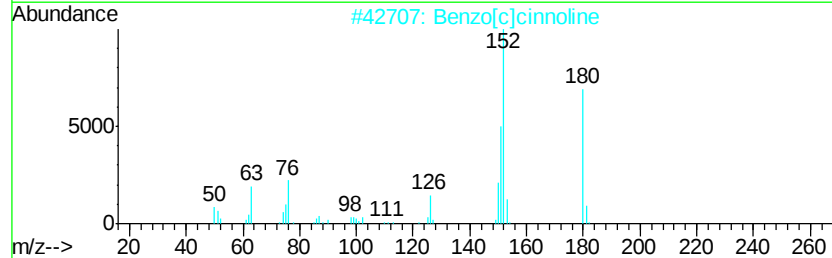
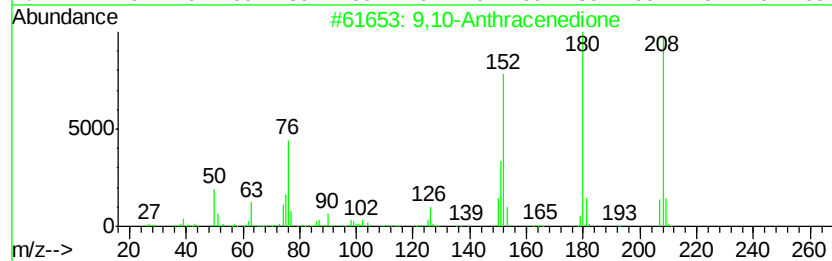
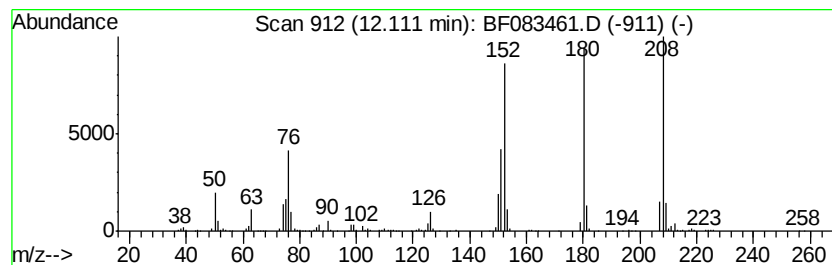
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.11	6.68 ng	538000	Phenanthrene-d10		11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99		
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91		
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64		
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53		
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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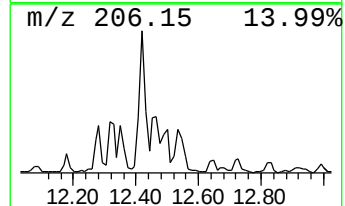
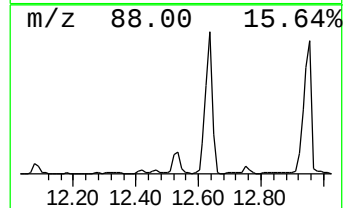
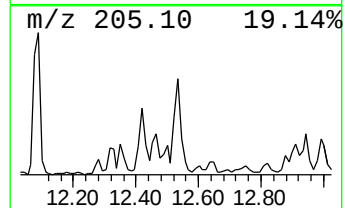
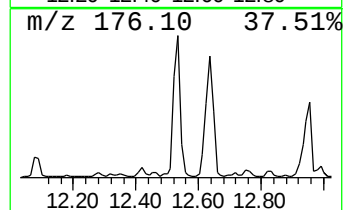
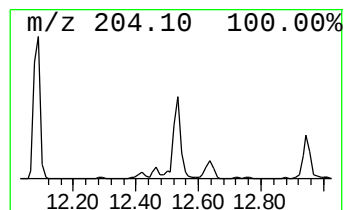
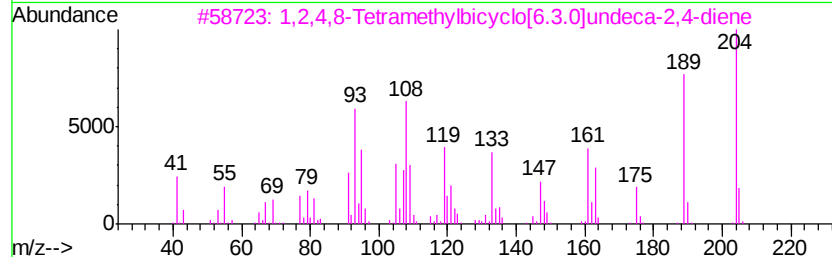
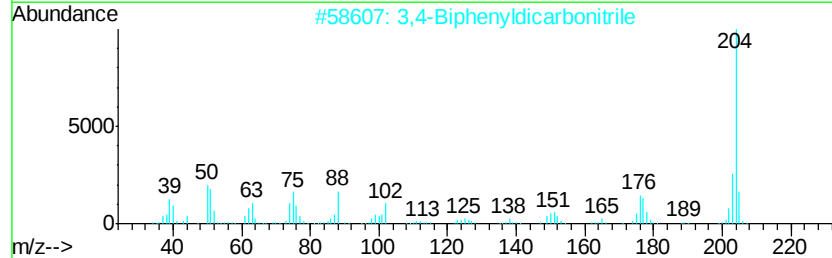
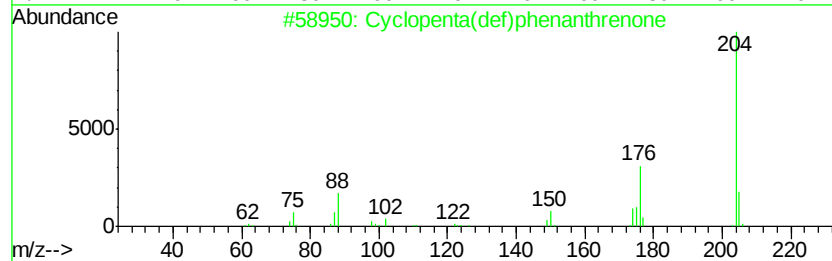
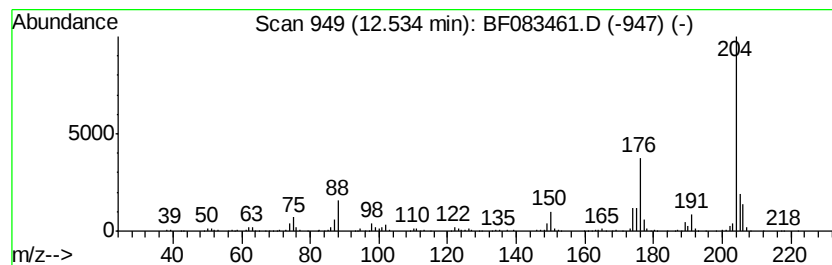
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	8.94 ng	720211	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3		1,2,4,8-Tetramethylbicvclo[6.3.0...	204	C15H24	137235-51-9	53
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
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Instrument :
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ClientSampleId :
SB-P3WC-13(0-8)

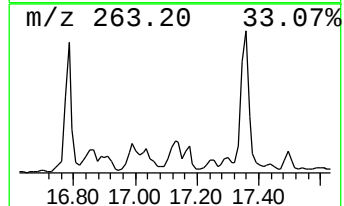
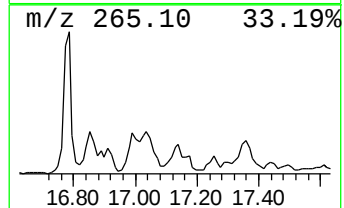
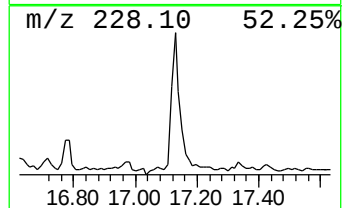
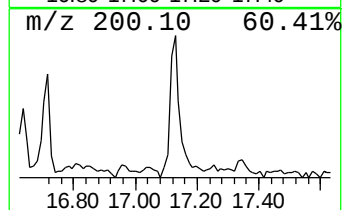
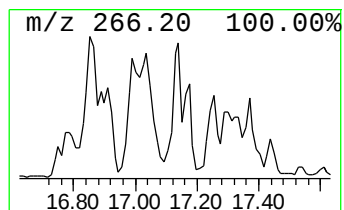
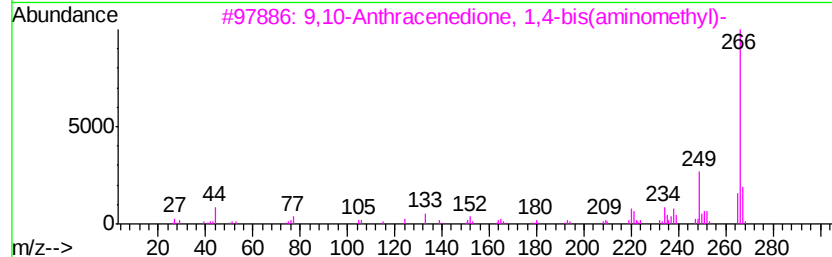
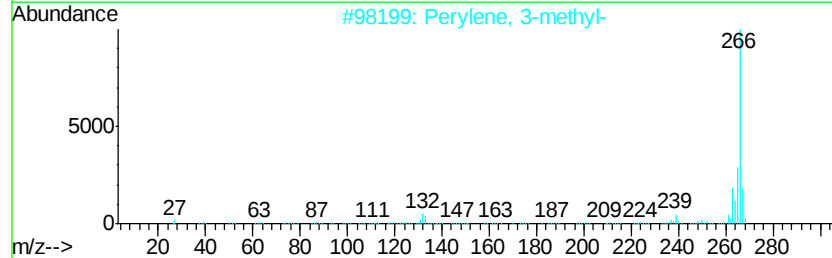
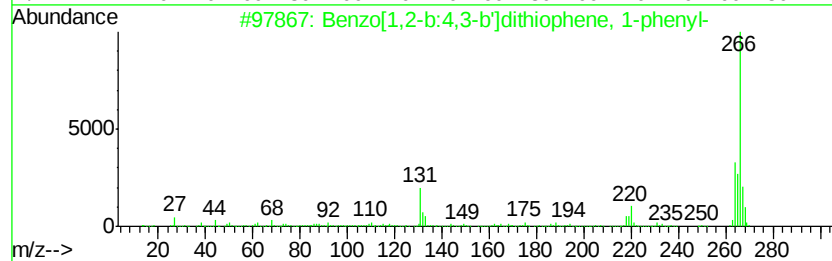
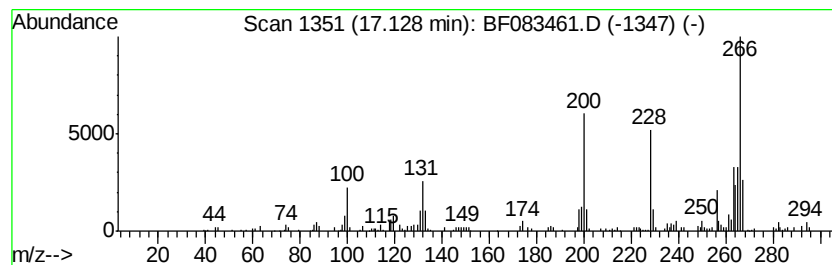
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.13 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	6.59 ng	360581	Perylene-d12	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	43
2		Perylene, 3-methyl-	266	C21H14	024471-47-4	41
3		9,10-Anthracenedione, 1,4-bis(am...	266	C16H14N2O2	077862-13-6	30
4		Benz[ilaceanthrylene, 3-methyl-	266	C21H14	003343-10-0	30
5		(1-Cyclohexenyl)ferrocene	266	C16H18Fe	033183-07-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083461.D
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ClientSampleId :
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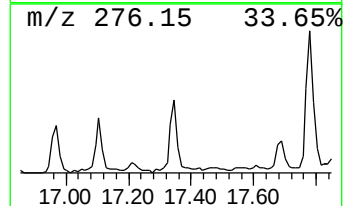
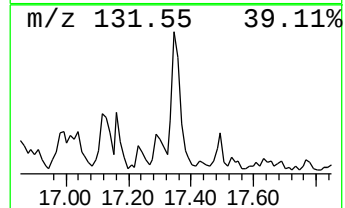
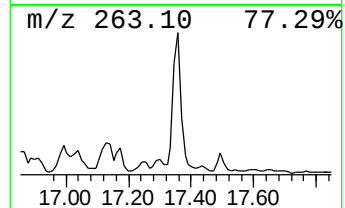
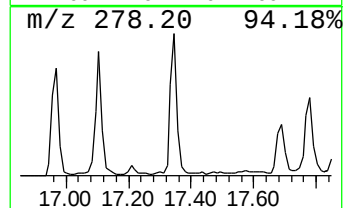
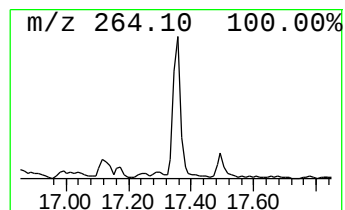
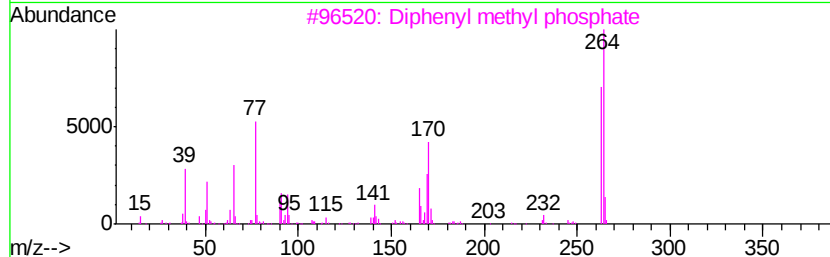
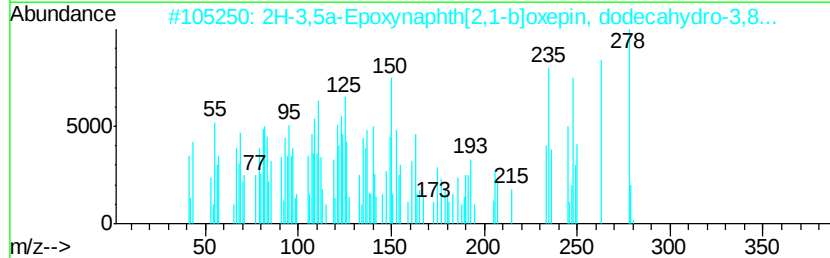
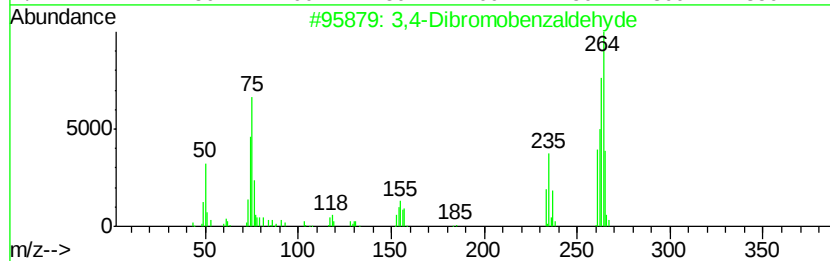
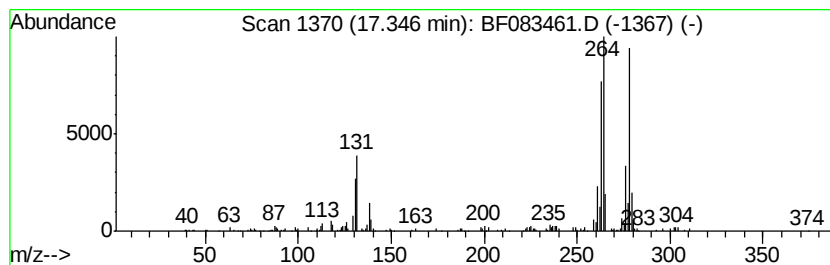
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.35 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	9.24 ng	505580	Perylene-d12	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	43	
2	2H-3,5a-Epoxy naphth[2,1-b]oxepin...	278	C18H30O2	038419-74-8	38	
3	Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	35	
4	Pentacene	278	C22H14	000135-48-8	25	
5	(Z)-2-(2-Hydroximino-2-phenyleth...	280	C17H16N2O2	107183-01-7	25	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-13(0-8)

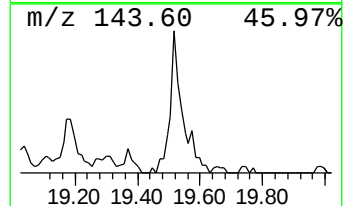
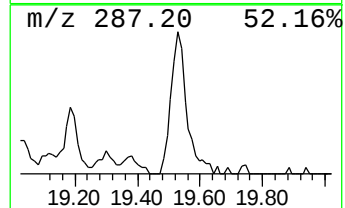
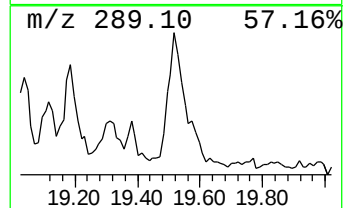
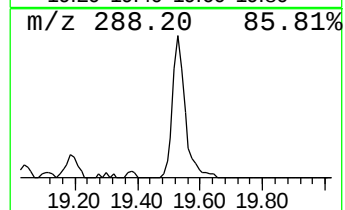
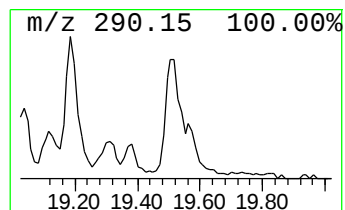
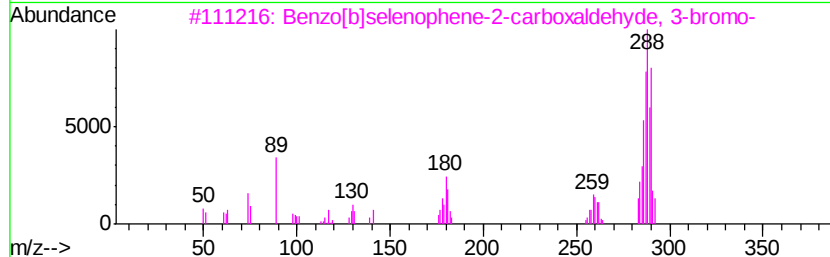
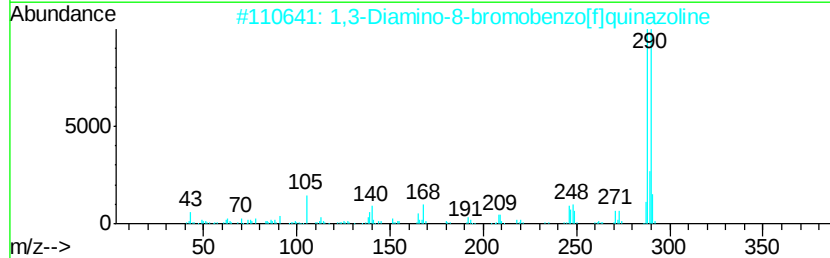
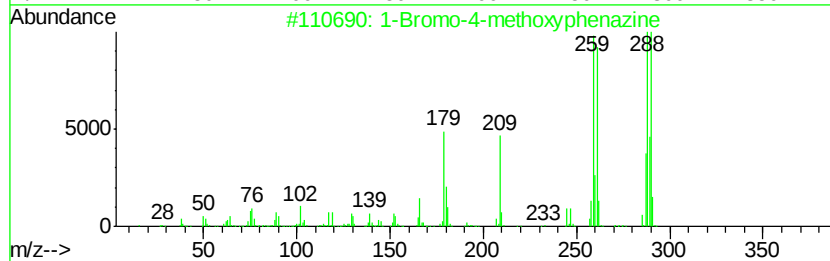
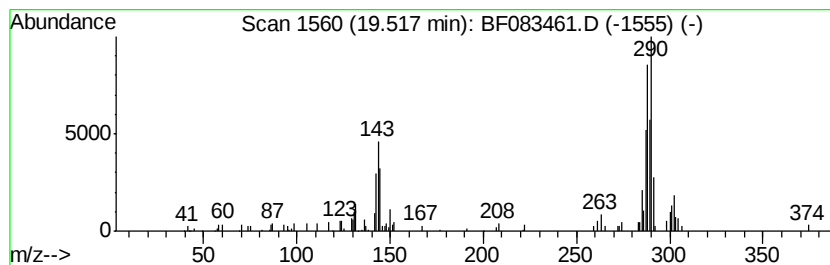
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown19.52 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	6.65 ng	364195	Perylene-d12	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Bromo-4-methoxyphenazine	288	C13H9BrN2O	014031-14-2	47
2		1,3-Diamino-8-bromobenzo[f]quina...	288	C12H9BrN4	013119-52-3	43
3		Benzo[b]selenophene-2-carboxalde...	288	C9H5BrOSe	026581-53-3	37
4		Triclosan	288	C12H7Cl3O2	003380-34-5	32
5		Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-13(0-8)

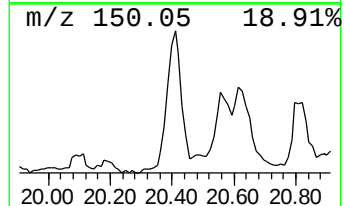
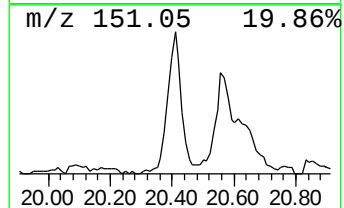
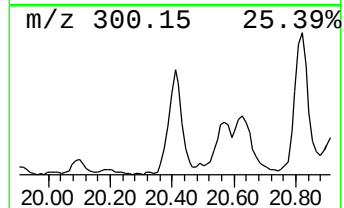
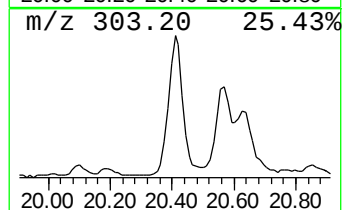
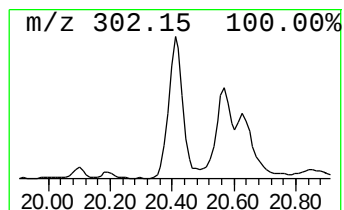
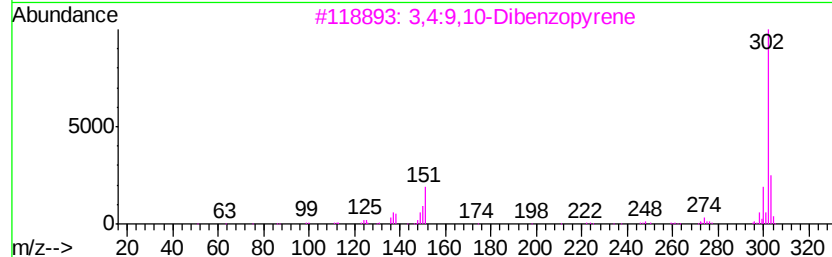
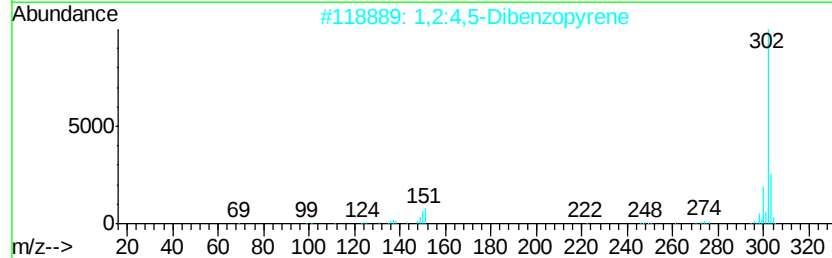
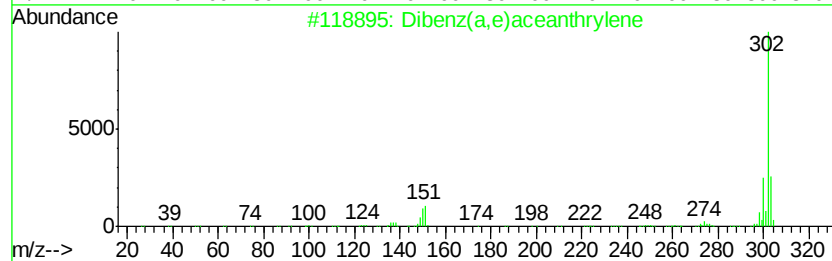
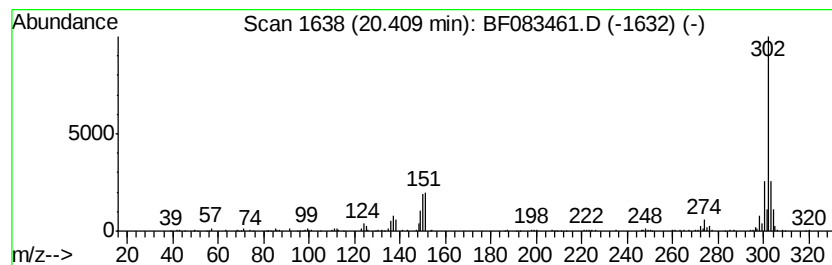
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenz(a,e)aceanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	16.85 ng	922206	Perylene-d12	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-13(0-8)

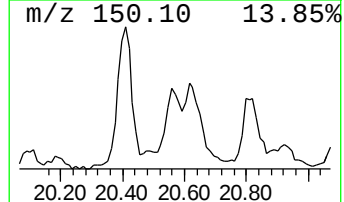
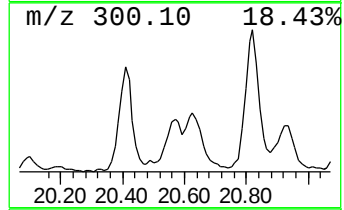
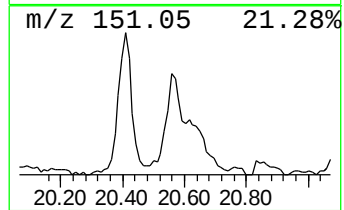
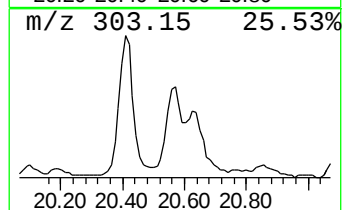
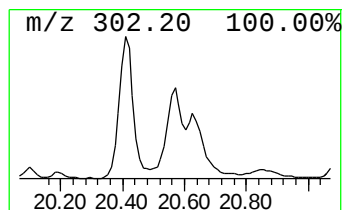
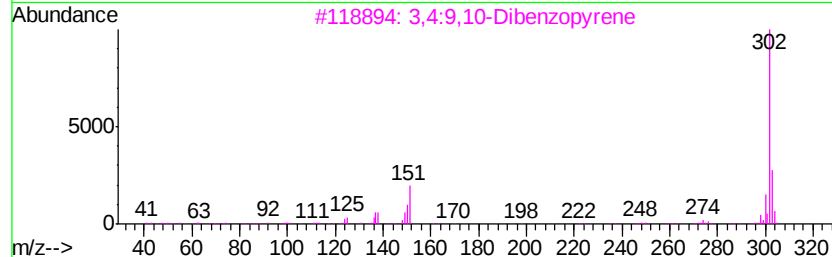
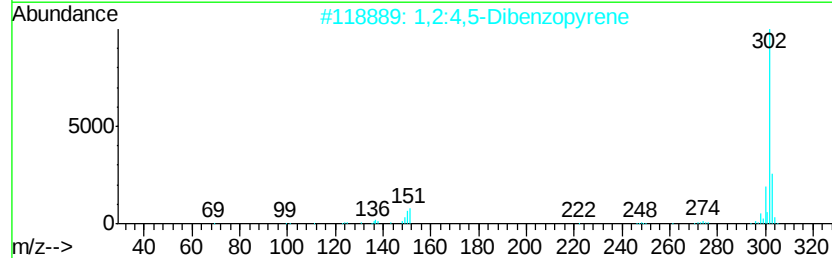
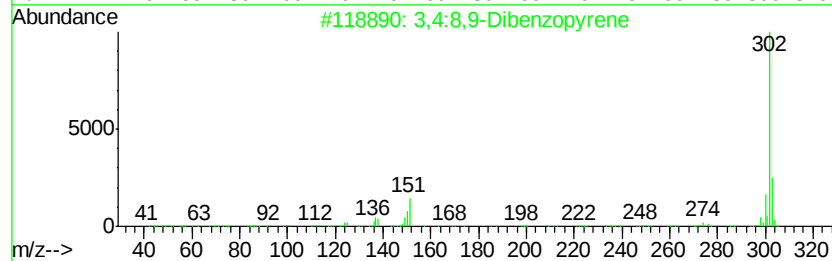
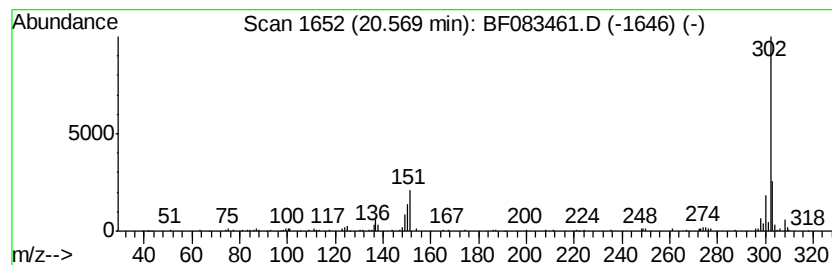
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,4:8,9-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	9.58 ng	524529	Perylene-d12	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
3			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
4			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
5			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-13(0-8)

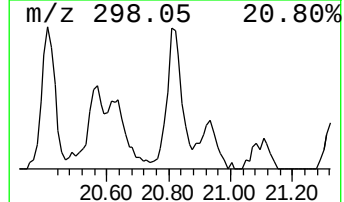
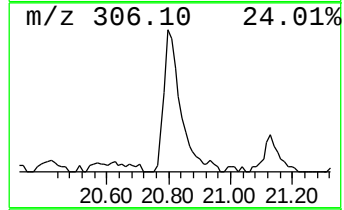
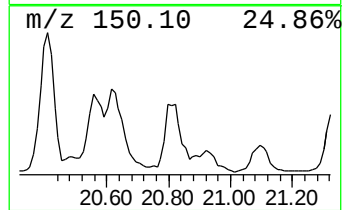
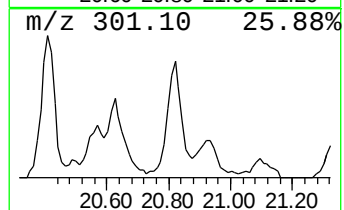
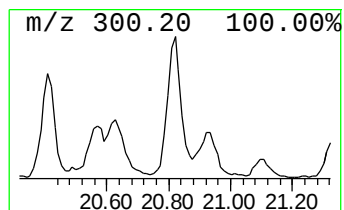
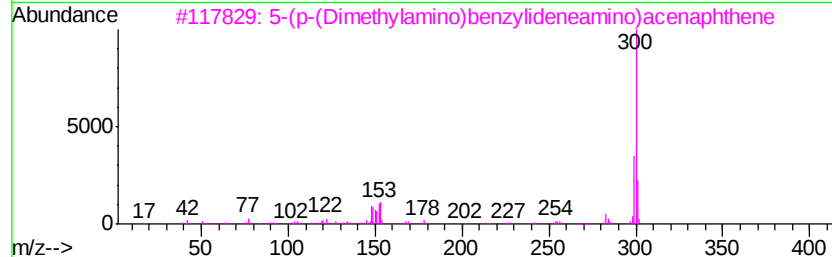
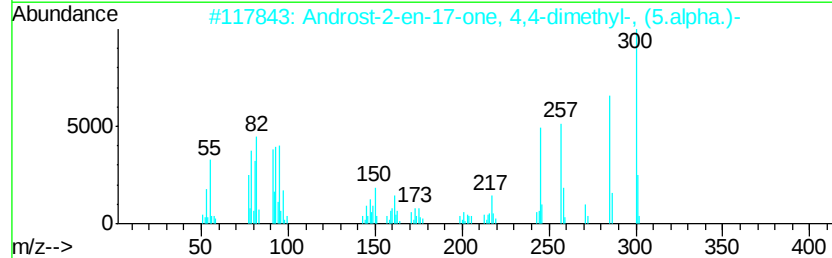
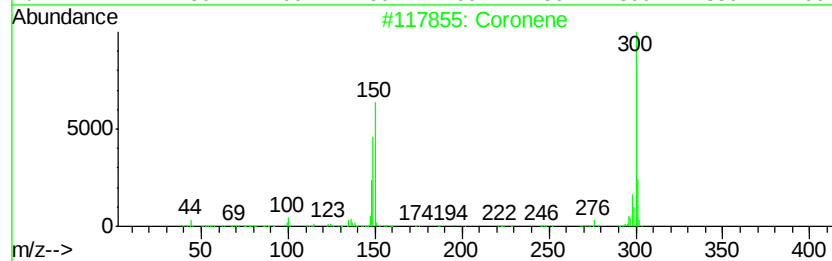
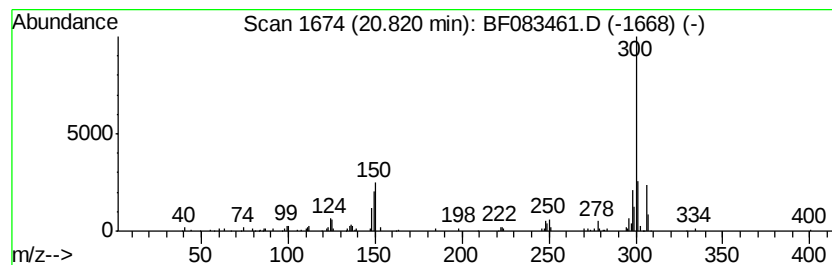
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Coronene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	7.51 ng	411283	Perylene-d12	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Coronene	300	C24H12	000191-07-1	89
2			Androst-2-en-17-one, 4,4-dimethy...	300	C21H32O	053286-38-7	47
3			5-(p-(Dimethylamino)benzylideneamino)acenaphthene	300	C21H20N2	006256-22-0	43
4			Estra-1,3,5(10)-trien-17-one, 3-...	300	C19H24O3	074299-14-2	43
5			Imidazo[1,2-b]1,2,4-triazine, 2,...	300	C19H16N4	061802-72-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083461.D
Acq On : 3 Dec 2015 15:39
Operator : UM/IZ
Sample : G4585-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-13(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.65	33.5	ng	1719430	1	6.52	1025960	20.0
unknown6.30	6.30	115.8	ng	5940580	1	6.52	1025960	20.0
Phenanthrene, 2-m...	11.70	9.4	ng	756391	4	11.09	1610870	20.0
4H-Cyclopenta[def...	11.84	15.5	ng	1249730	4	11.09	1610870	20.0
Phenanthrene, 3-m...	11.86	6.6	ng	528316	4	11.09	1610870	20.0
2-Phenylnaphthalene	12.09	12.4	ng	997909	4	11.09	1610870	20.0
9,10-Anthracenedione	12.11	6.7	ng	538000	4	11.09	1610870	20.0
Cyclopenta(def)ph...	12.53	8.9	ng	720211	4	11.09	1610870	20.0
unknown17.13	17.13	6.6	ng	360581	6	16.79	1094840	20.0
unknown17.35	17.35	9.2	ng	505580	6	16.79	1094840	20.0
unknown19.52	19.52	6.7	ng	364195	6	16.79	1094840	20.0
Dibenz(a,e)aceant...	20.41	16.9	ng	922206	6	16.79	1094840	20.0
3,4:8,9-Dibenzopy...	20.57	9.6	ng	524529	6	16.79	1094840	20.0
Coronene	20.82	7.5	ng	411283	6	16.79	1094840	20.0