

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083384.D
 Acq On : 1 Dec 2015 20:57
 Operator : UM/IZ
 Sample : G4593-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2-14.5

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	3.904	191	194	206	rBV	82068	177416	4.38%	0.242%
2	4.659	257	260	273	rBV	613111	1124941	27.76%	1.536%
3	5.139	299	302	316	rBV	2206832	3454800	85.26%	4.717%
4	6.213	394	396	403	rBV	3679949	3667105	90.50%	5.006%
5	6.316	403	405	408	rBV	3192112	3441733	84.94%	4.699%
6	6.545	423	425	428	rBV	961777	952706	23.51%	1.301%
7	6.705	437	439	441	rBV	2811318	2548137	62.88%	3.479%
8	7.116	473	475	478	rBV	2260370	2278400	56.23%	3.111%
9	7.173	478	480	483	rVV	130880	136433	3.37%	0.186%
10	7.836	536	538	543	rBV2	1431881	1465689	36.17%	2.001%
11	8.922	630	633	635	rBV	2846382	3911608	96.53%	5.340%
12	9.322	666	668	670	rVV	790439	720769	17.79%	0.984%
13	9.539	683	687	689	rBV2	114520	152495	3.76%	0.208%
14	9.585	689	691	692	rVV	1422396	1425058	35.17%	1.946%
15	9.619	692	694	696	rVB	212896	289023	7.13%	0.395%
16	9.791	706	709	711	rBV	245298	266431	6.58%	0.364%
17	10.042	729	731	732	rVB	178024	169573	4.18%	0.232%
18	10.122	737	738	741	rVV	189619	241392	5.96%	0.330%
19	10.259	747	750	751	rBV2	90841	121813	3.01%	0.166%
20	10.293	751	753	756	rVB	96062	140889	3.48%	0.192%
21	10.373	757	760	762	rVV	2413206	2575813	63.57%	3.517%
22	10.522	770	773	776	rVB	184632	290446	7.17%	0.397%
23	10.694	784	788	790	rBV2	67448	146873	3.62%	0.201%
24	10.911	805	807	810	rVB	180454	189712	4.68%	0.259%
25	10.968	810	812	814	rBV2	112423	165561	4.09%	0.226%
26	11.002	814	815	818	rVB2	182828	246302	6.08%	0.336%
27	11.128	823	826	827	rBV	1180474	1779495	43.92%	2.429%
28	11.151	827	828	831	rVV	2943452	2770539	68.37%	3.782%
29	11.208	831	833	836	rVV	509503	632230	15.60%	0.863%
30	11.414	846	851	852	rBV2	209905	337109	8.32%	0.460%
31	11.528	859	861	865	rVB3	74224	113612	2.80%	0.155%
32	11.734	876	879	880	rBV	334047	385329	9.51%	0.526%
33	11.768	880	882	885	rVB	450553	548272	13.53%	0.749%
34	11.825	885	887	889	rBV	338635	443976	10.96%	0.606%

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35	11.859	889	890	892	rVV	365144	583753	14.41%	0.797%
36	11.894	892	893	897	rVB	245977	300352	7.41%	0.410%
37	11.974	897	900	902	rBV3	52638	112567	2.78%	0.154%
38	12.111	911	912	914	rBV	189850	263055	6.49%	0.359%
39	12.145	914	915	919	rVB2	145882	170524	4.21%	0.233%
40	12.305	926	929	932	rBV3	68747	154728	3.82%	0.211%
41	12.351	932	933	935	rVV	72391	110298	2.72%	0.151%
42	12.454	939	942	944	rVV2	190415	347537	8.58%	0.474%
43	12.522	947	948	950	rVV	87446	128432	3.17%	0.175%
44	12.568	950	952	957	rVV2	161970	317360	7.83%	0.433%
45	12.659	957	960	963	rVV	2877378	3995188	98.60%	5.454%
46	12.751	966	968	970	rBV2	87438	143213	3.53%	0.196%
47	12.865	975	978	980	rBV	166589	263988	6.51%	0.360%
48	12.899	980	981	984	rVV	76526	129743	3.20%	0.177%
49	12.968	984	987	990	rVV2	2684994	4052088	100.00%	5.532%
50	13.048	990	994	1001	rVB2	141882	318561	7.86%	0.435%
51	13.151	1001	1003	1005	rBV	183384	226909	5.60%	0.310%
52	13.219	1005	1009	1012	rVB	2898949	3717684	91.75%	5.076%
53	13.299	1012	1016	1019	rBV3	171704	381922	9.43%	0.521%
54	13.448	1027	1029	1032	rVB	283496	493054	12.17%	0.673%
55	13.551	1036	1038	1040	rVB	135869	150220	3.71%	0.205%
56	13.597	1040	1042	1049	rBV2	278058	567521	14.01%	0.775%
57	13.734	1052	1054	1056	rVB	125006	155949	3.85%	0.213%
58	13.780	1056	1058	1060	rBV	100959	153604	3.79%	0.210%
59	14.088	1083	1085	1088	rVV	80095	131848	3.25%	0.180%
60	14.202	1091	1095	1100	rVB	210563	367764	9.08%	0.502%
61	14.362	1106	1109	1111	rBV	251870	365130	9.01%	0.498%
62	14.408	1111	1113	1117	rVV2	216457	485327	11.98%	0.663%
63	14.477	1117	1119	1121	rVV2	151508	243927	6.02%	0.333%
64	14.522	1121	1123	1127	rVB	191191	288830	7.13%	0.394%
65	14.625	1127	1132	1134	rBV2	59153	136073	3.36%	0.186%
66	14.682	1134	1137	1138	rBV2	89266	209841	5.18%	0.286%
67	14.740	1139	1142	1145	rVV2	1417917	3262353	80.51%	4.454%
68	14.785	1145	1146	1149	rVV	1059855	1383691	34.15%	1.889%
69	14.831	1149	1150	1154	rVV3	71548	136215	3.36%	0.186%
70	14.900	1154	1156	1160	rVB	132374	197499	4.87%	0.270%
71	15.071	1169	1171	1173	rVB	143050	182124	4.49%	0.249%

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72	15.128	1173	1176	1179	rBV	105261	183848	4.54%	0.251%
73	15.357	1193	1196	1199	rVV	195343	347641	8.58%	0.475%
74	15.414	1199	1201	1204	rVV2	76322	118884	2.93%	0.162%
75	15.505	1204	1209	1211	rVV3	66563	154348	3.81%	0.211%
76	15.540	1211	1212	1217	rVB2	47777	108618	2.68%	0.148%
77	15.688	1222	1225	1229	rVB2	80323	148077	3.65%	0.202%
78	15.848	1234	1239	1243	rBV3	66101	200107	4.94%	0.273%
79	16.077	1257	1259	1263	rBV2	141128	252332	6.23%	0.344%
80	16.305	1276	1279	1286	rVB	900080	2131763	52.61%	2.910%
81	16.443	1286	1291	1294	rBV2	156629	287874	7.10%	0.393%
82	16.614	1300	1306	1308	rBV4	68333	267531	6.60%	0.365%
83	16.671	1308	1311	1314	rVV	564380	839766	20.72%	1.146%
84	16.740	1314	1317	1321	rVV	745778	1108681	27.36%	1.514%
85	16.820	1321	1324	1326	rVV	615543	952585	23.51%	1.301%
86	16.854	1326	1327	1329	rVV	199566	210519	5.20%	0.287%
87	16.900	1329	1331	1335	rVB3	60870	120745	2.98%	0.165%
88	17.026	1339	1342	1344	rBV2	41917	109681	2.71%	0.150%
89	17.174	1351	1355	1357	rBV2	44133	112108	2.77%	0.153%
90	18.054	1428	1432	1435	rBV3	93258	240402	5.93%	0.328%
91	18.191	1441	1444	1450	rVB2	346699	793221	19.58%	1.083%
92	18.363	1456	1459	1461	rBV	101215	193840	4.78%	0.265%
93	18.409	1461	1463	1474	rVB	98997	273657	6.75%	0.374%
94	18.569	1474	1477	1482	rBV	350014	646096	15.94%	0.882%
95	18.774	1491	1495	1504	rVB3	97634	304427	7.51%	0.416%
96	20.477	1636	1644	1650	rBV	99871	356068	8.79%	0.486%
97	20.637	1653	1658	1661	rVV	69817	245986	6.07%	0.336%
98	20.695	1661	1663	1673	rVB2	48308	195865	4.83%	0.267%
99	21.403	1719	1725	1727	rBV2	47239	152958	3.77%	0.209%
100	21.472	1727	1731	1738	rVV3	63047	248851	6.14%	0.340%

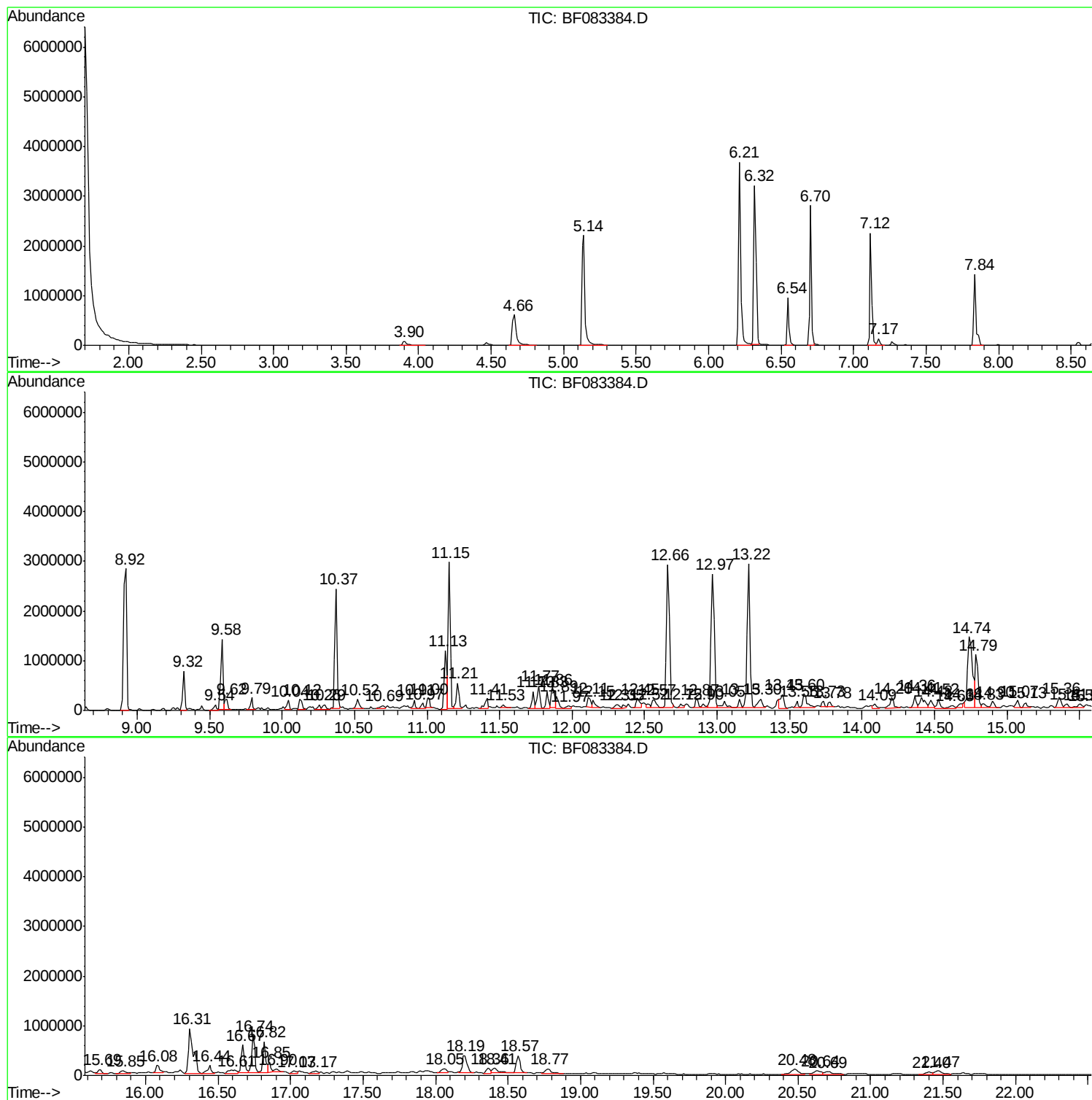
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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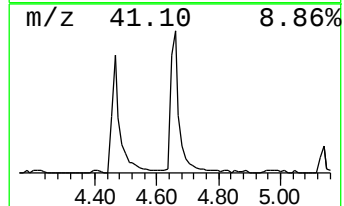
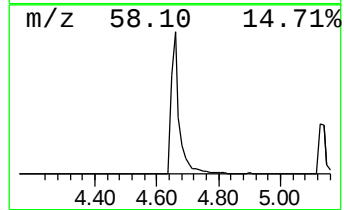
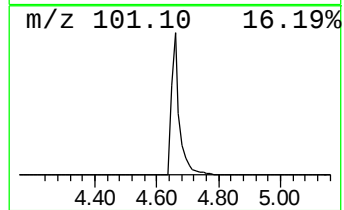
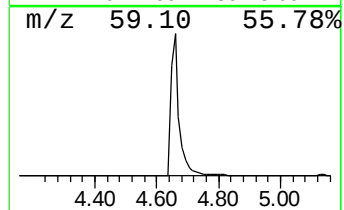
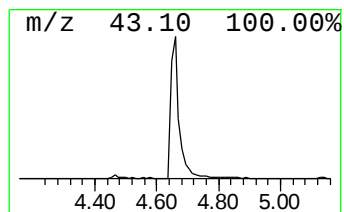
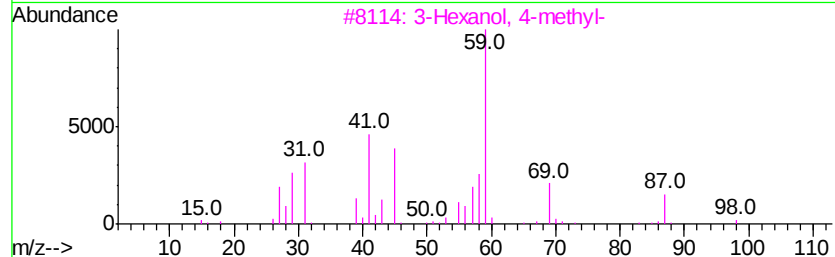
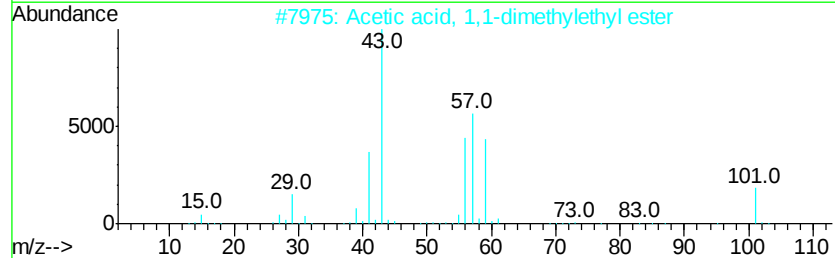
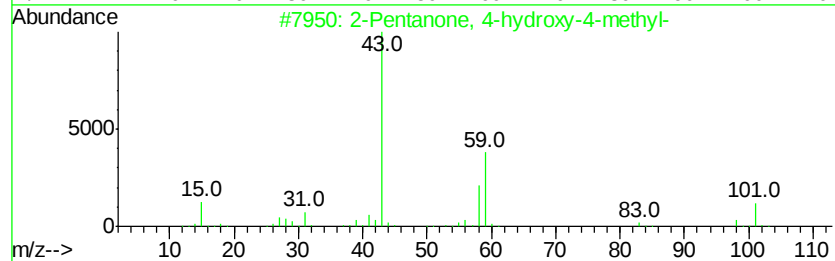
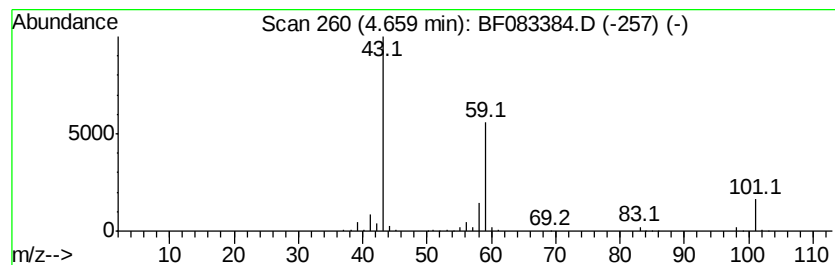
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	23.62 ng	1124940	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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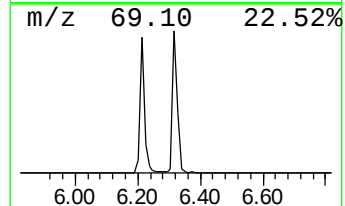
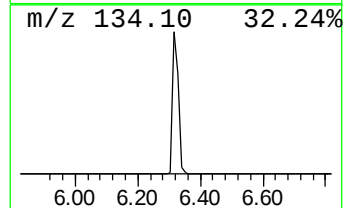
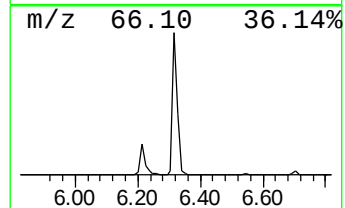
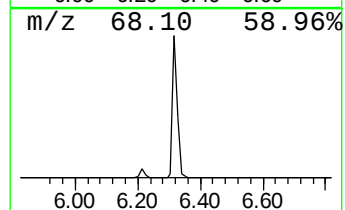
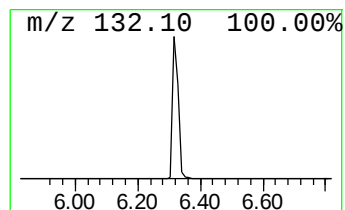
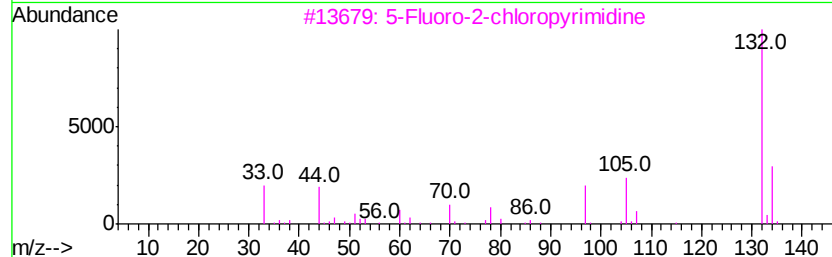
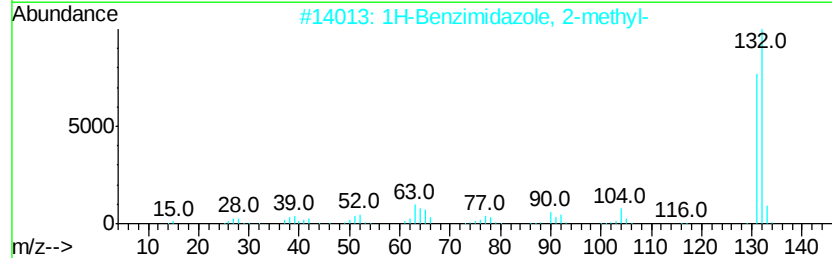
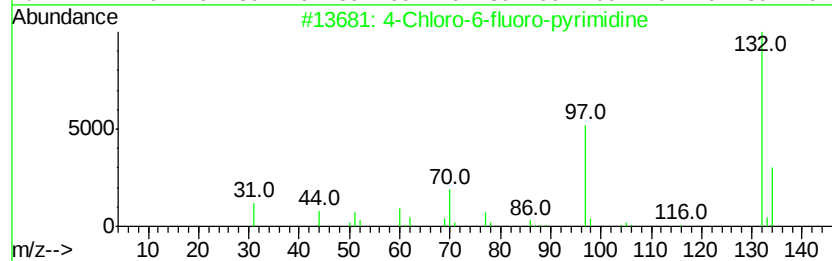
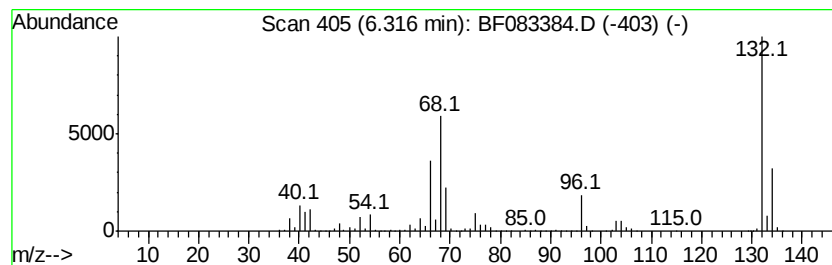
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	72.25 ng	3441730	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10



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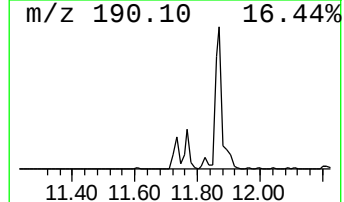
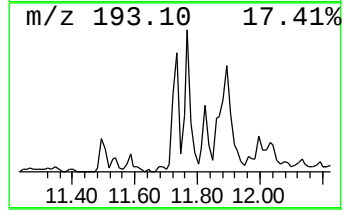
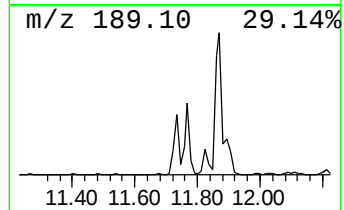
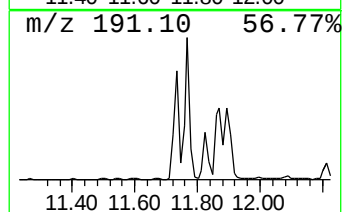
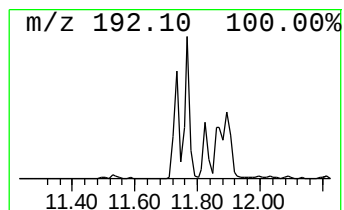
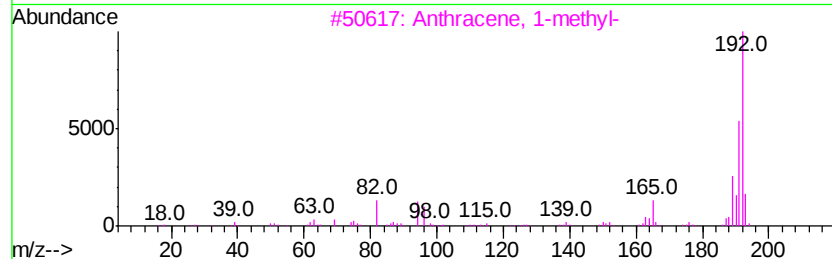
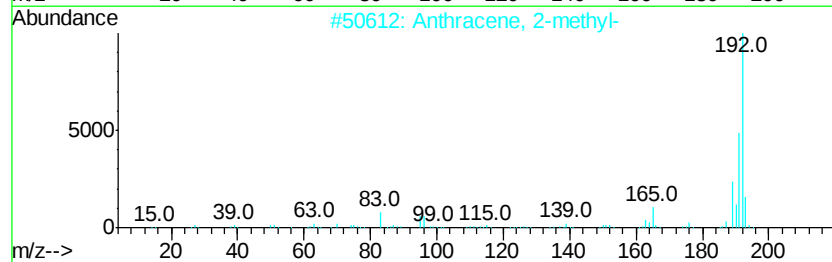
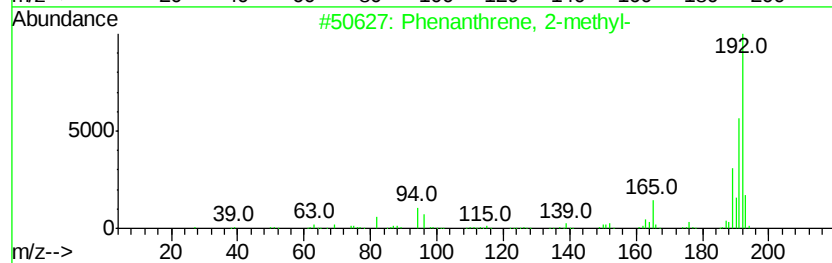
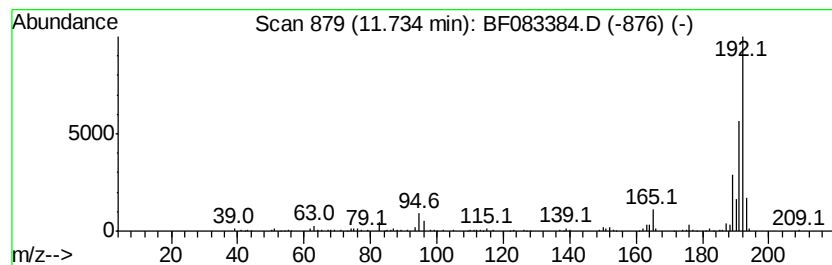
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.33 ng	385329	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
Data File : BF083384.D
Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2-14.5

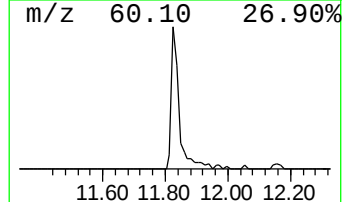
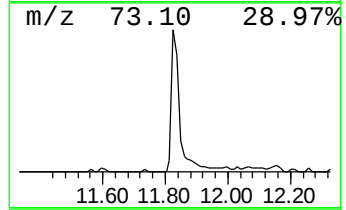
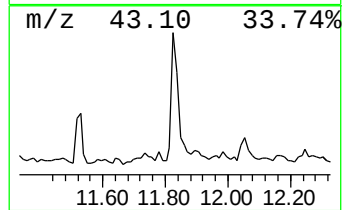
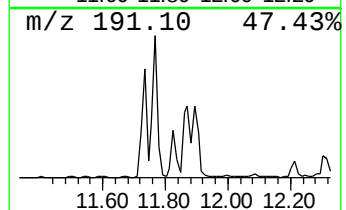
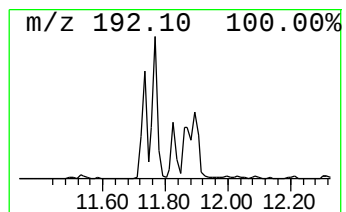
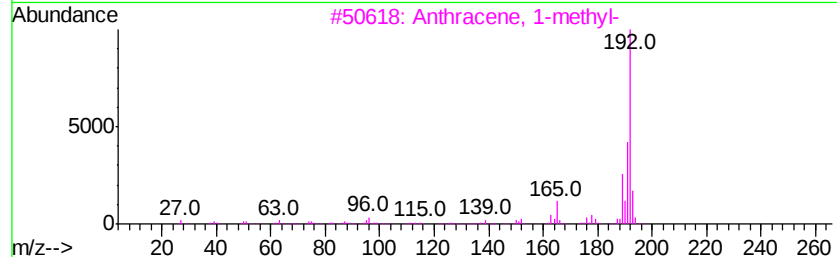
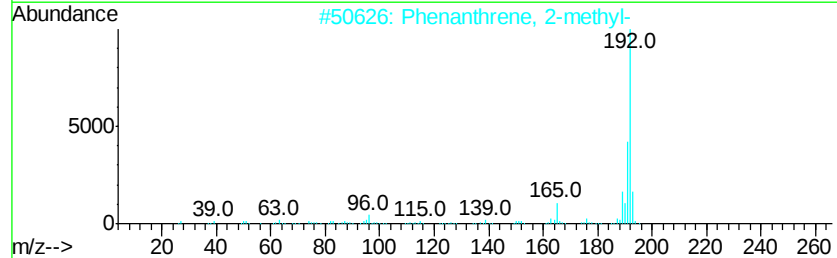
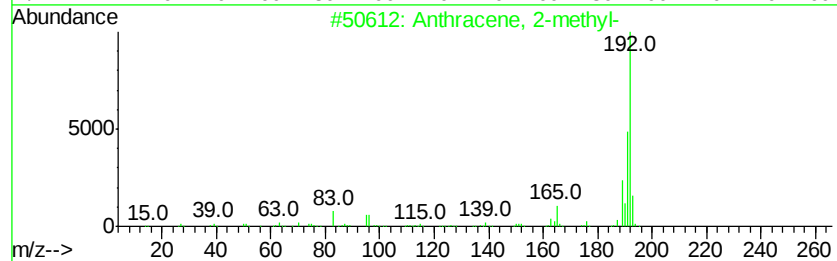
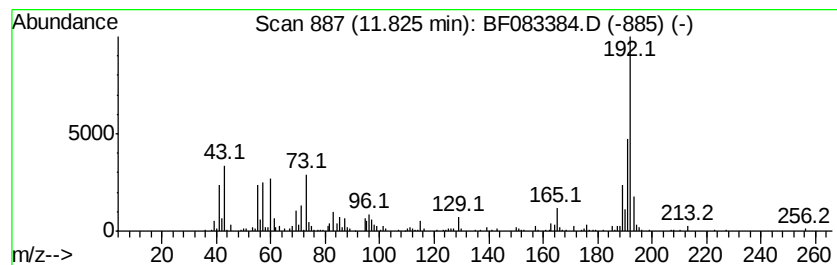
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.99 ng	443976	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083384.D
Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
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Instrument :
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ClientSampleId :
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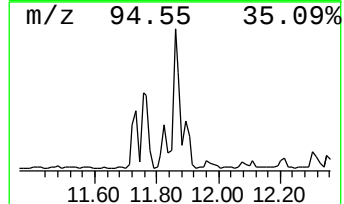
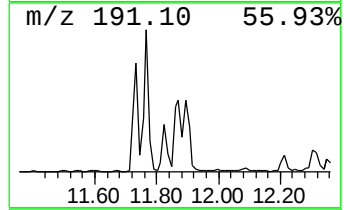
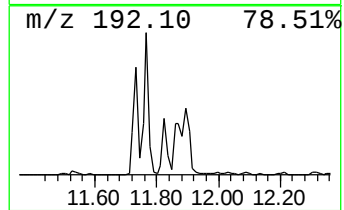
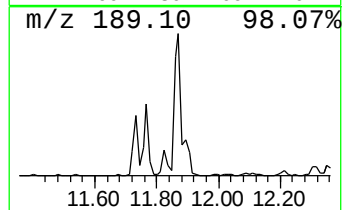
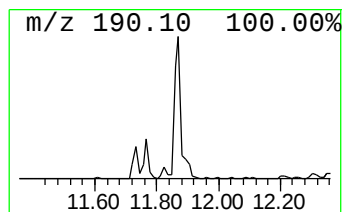
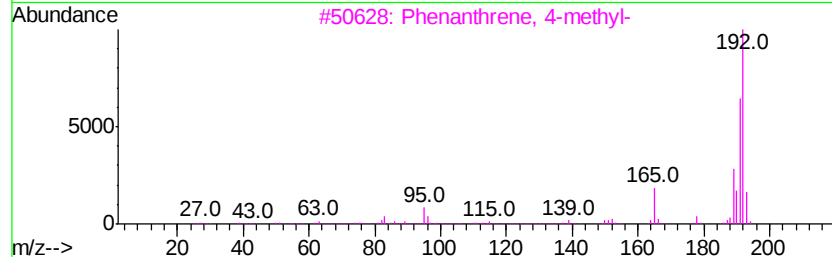
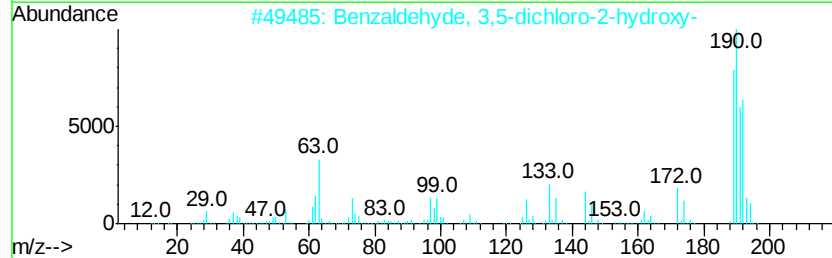
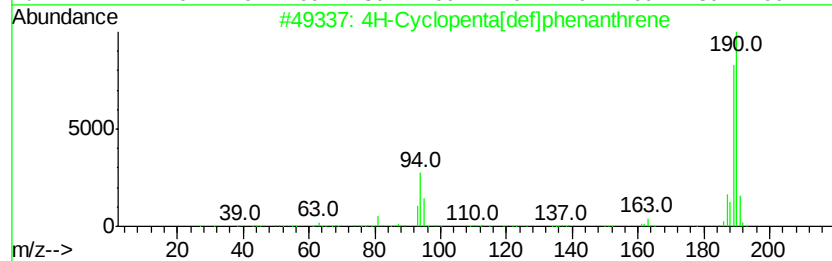
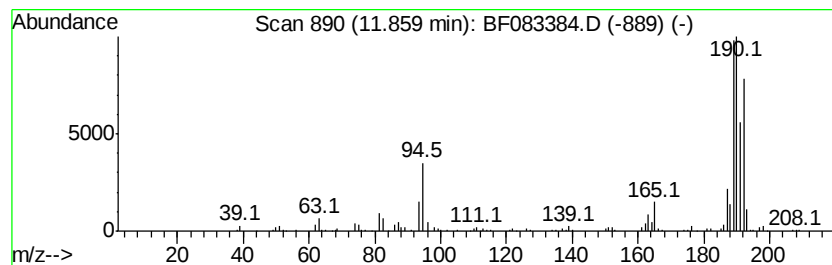
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.56 ng	583753	Phenanthrene-d10	11.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083384.D
Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
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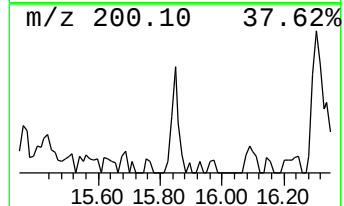
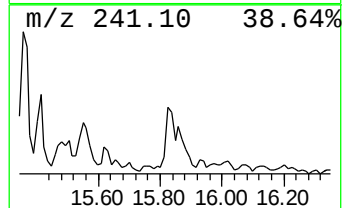
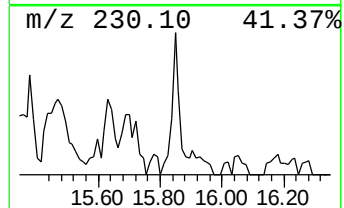
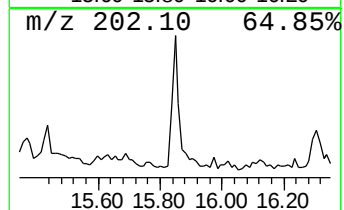
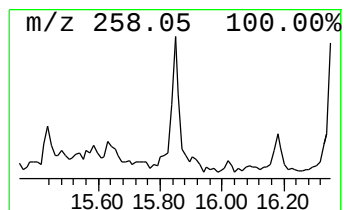
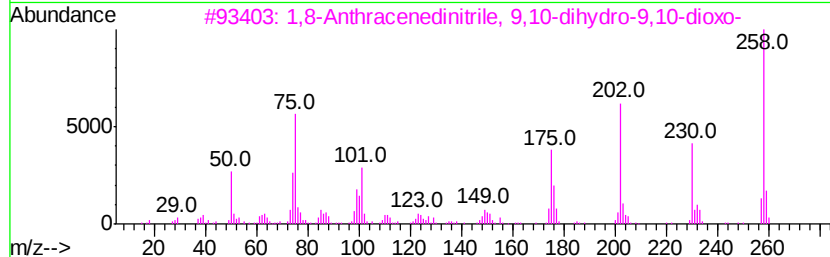
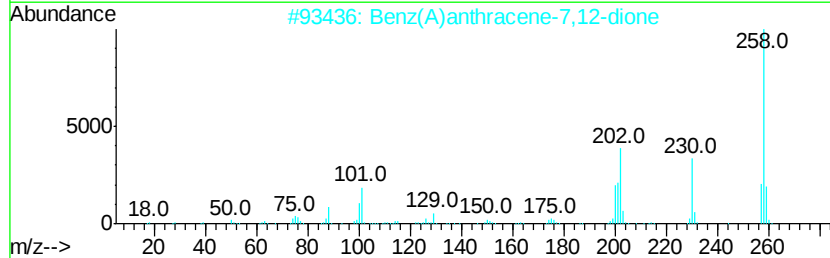
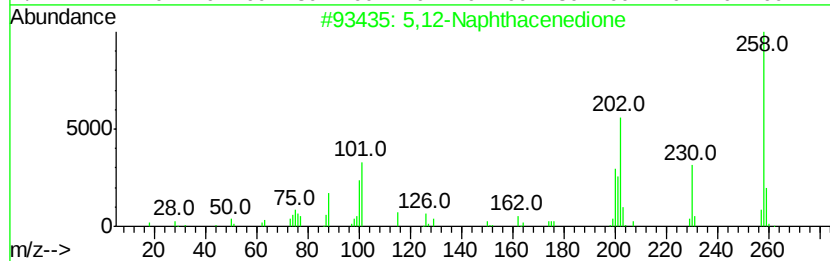
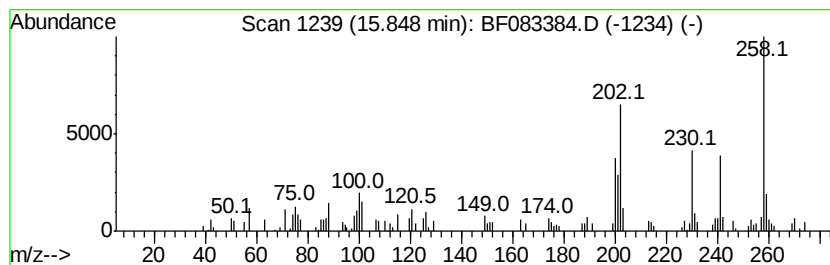
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5,12-Naphthacenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.20 ng	200107	Perylene-d12	16.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5,12-Naphthacenedione	258 C18H10O2	001090-13-7	90
2	Benz(A)anthracene-7,12-dione	258 C18H10O2	002498-66-0	90
3	1,8-Anthracenedinitrile, 9,10-di...	258 C16H6N2O2	090866-50-5	64
4	9,10-Anthracenedione, 1-chloro-4...	258 C14H7ClO3	000082-42-8	37
5	3,4'-Dicarboxydiphenyl ether	258 C14H10O5	062507-84-0	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083384.D
Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
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Instrument :
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ClientSampleId :
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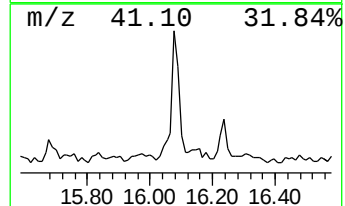
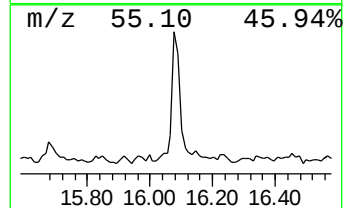
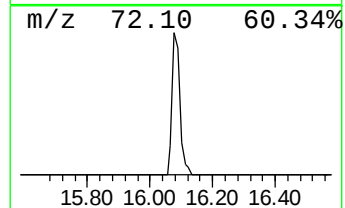
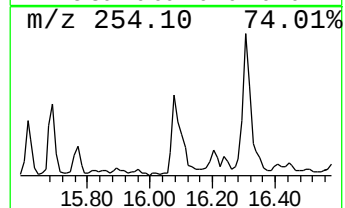
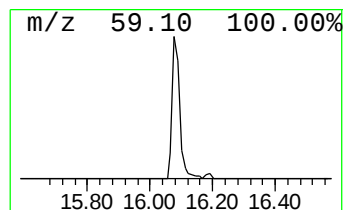
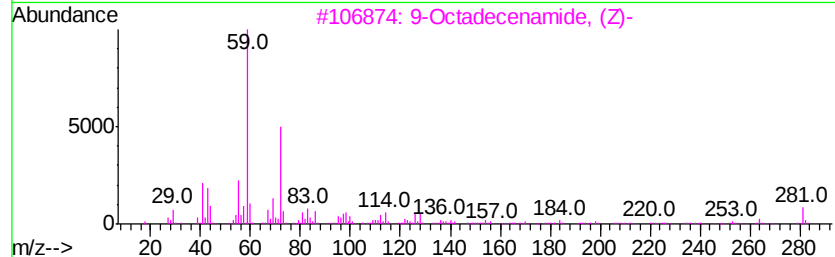
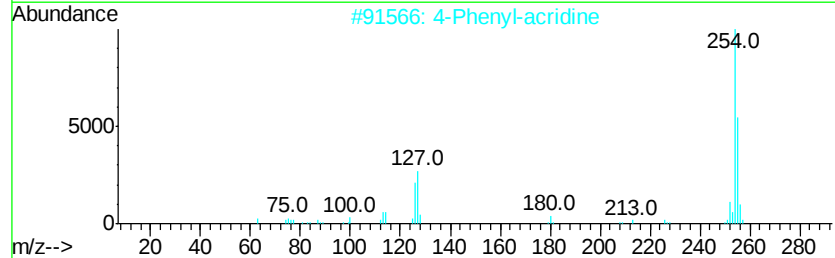
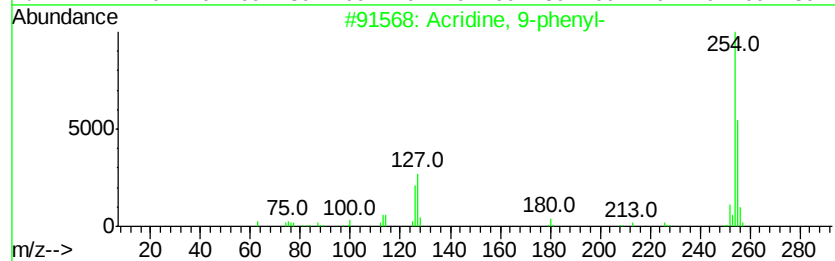
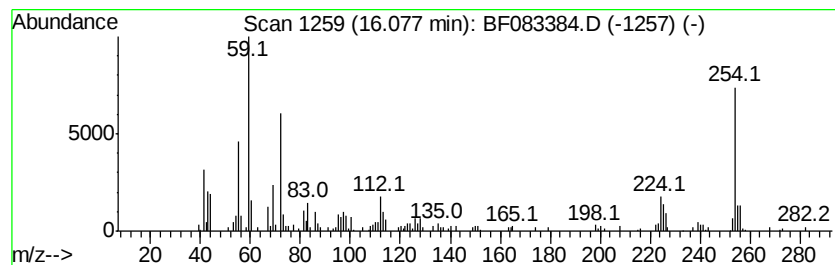
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	5.30 ng	252332	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acridine, 9-phenyl-	255	C19H13N	000602-56-2	43
2		4-Phenyl-acridine	255	C19H13N	032779-51-4	43
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
4		5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	41
5		Tetradecanamide	227	C14H29NO	000638-58-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083384.D
Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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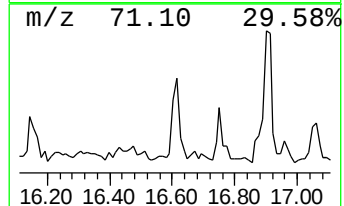
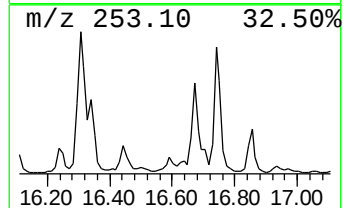
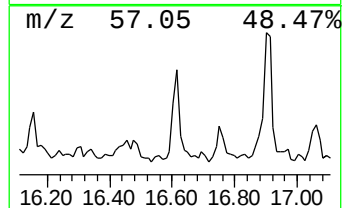
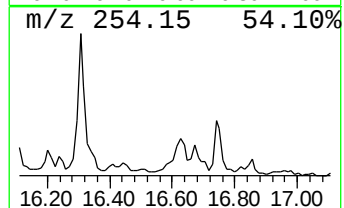
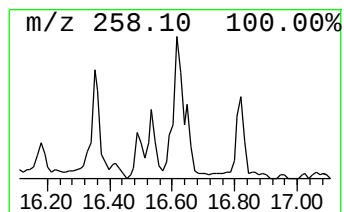
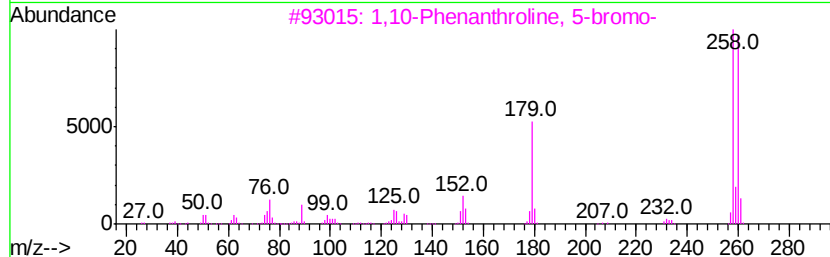
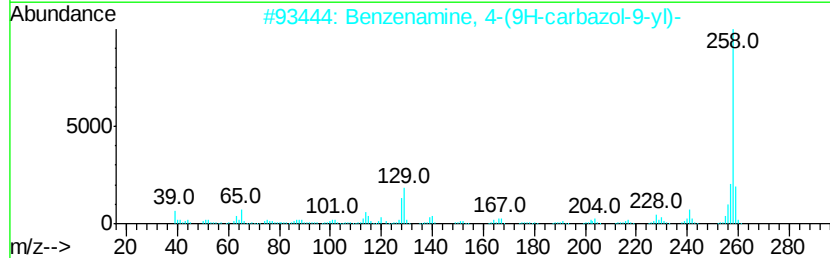
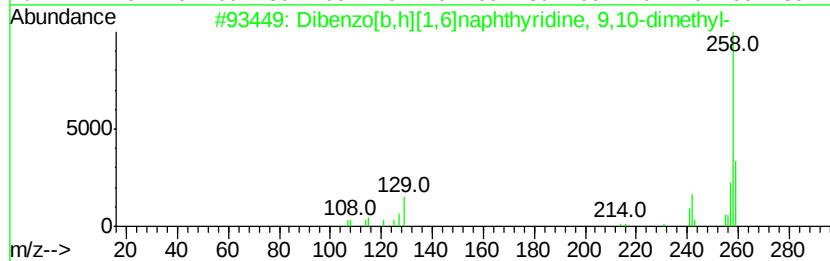
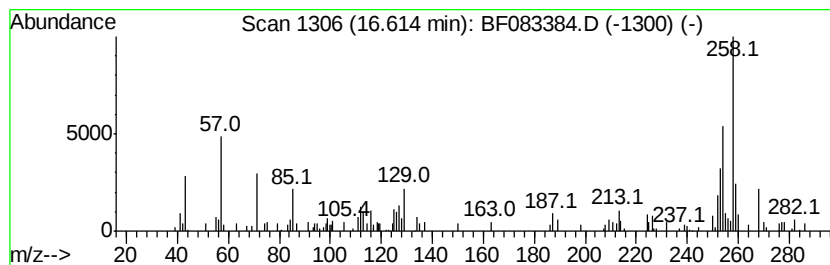
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.61 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	5.62 ng	267531	Perylene-d12	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[b,h][1,6]naphthylidine, ...	258	C18H14N2	004240-85-1	38
2			Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	38
3			1,10-Phenanthroline, 5-bromo-	258	C12H7BrN2	040000-20-2	27
4			Benzo[1,2-b:4,3-b']bisbenzofuran	258	C18H10O2	000192-93-8	27
5			5-Methoxy-benzo[c]phenanthrene	258	C19H14O	004235-03-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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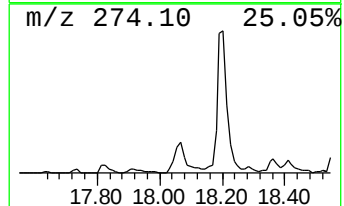
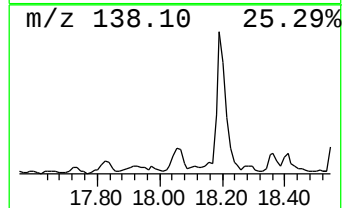
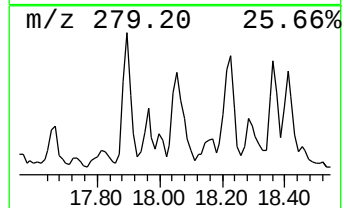
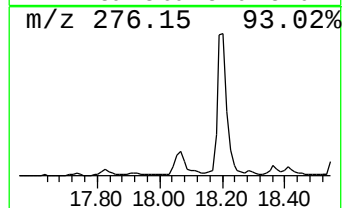
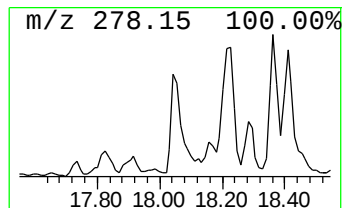
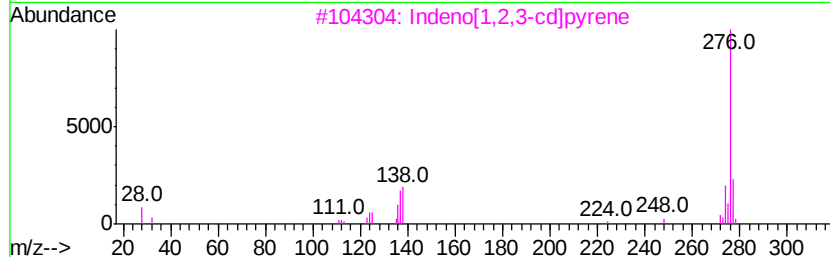
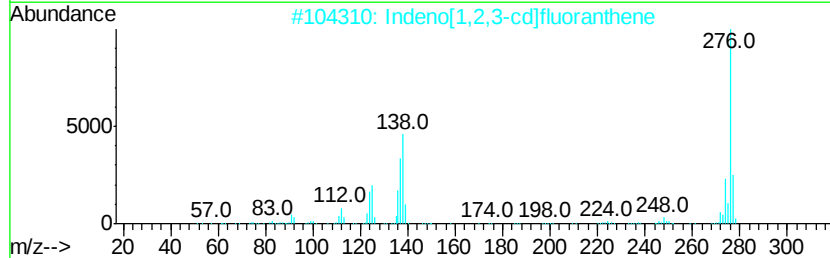
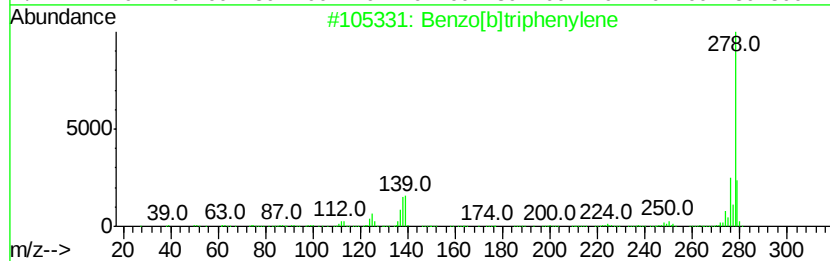
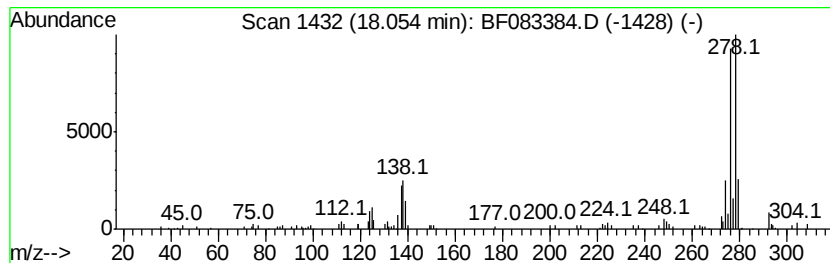
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	5.05 ng	240402	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	70
2		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46
4		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	43
5		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083384.D
Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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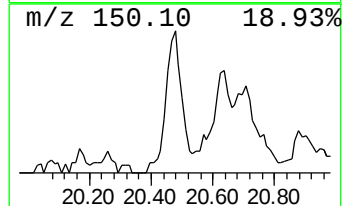
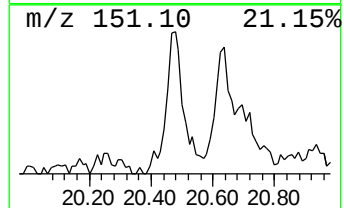
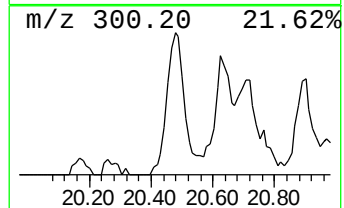
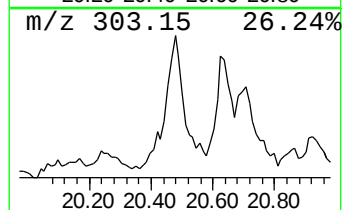
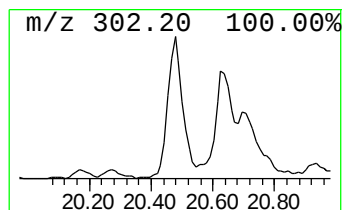
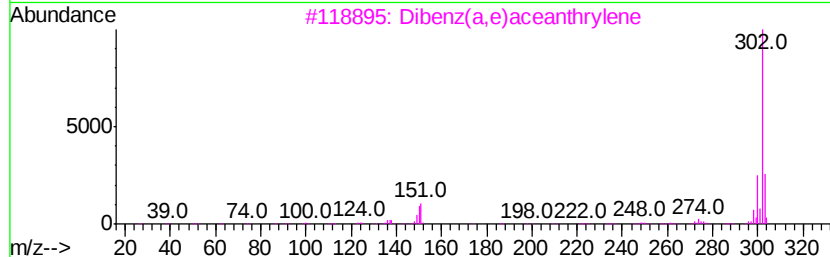
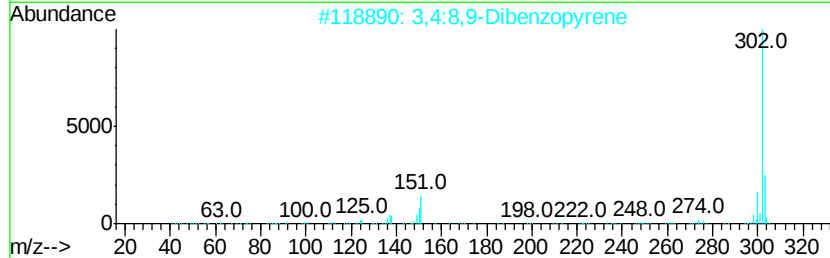
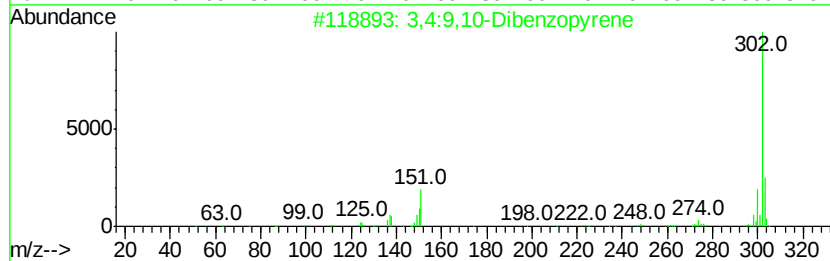
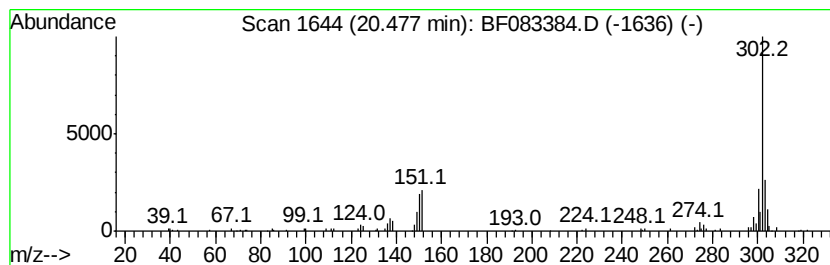
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,4:9,10-Dibenzopyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	7.48 ng	356068	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	97
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	97
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
4		Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	97
5		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083384.D
Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2-14.5

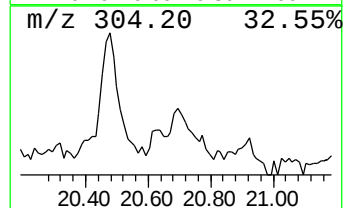
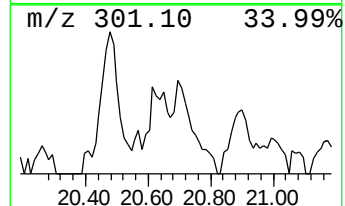
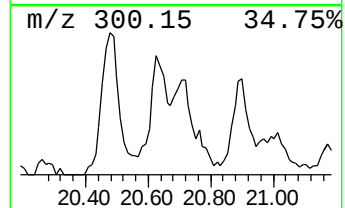
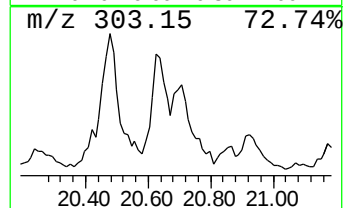
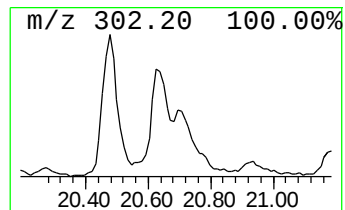
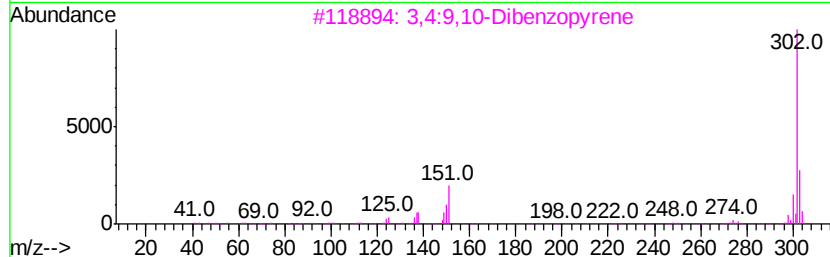
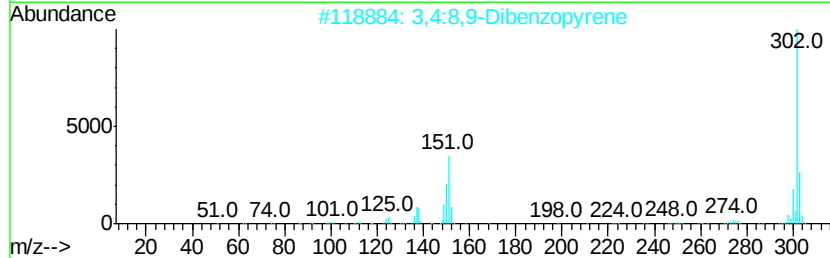
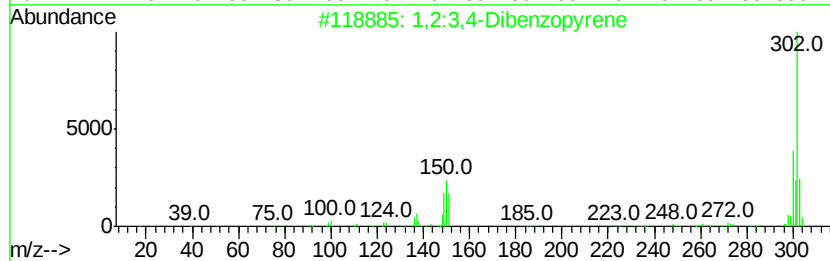
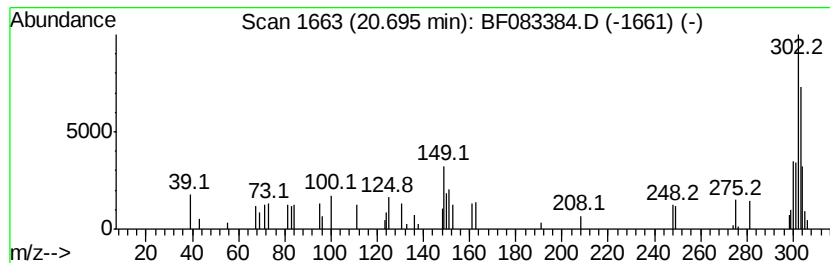
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown20.69 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	4.11 ng	195865	Perylene-d12	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	49
2			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	43
3			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	43
4			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	43
5			2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083384.D
Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2-14.5

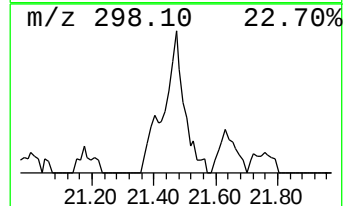
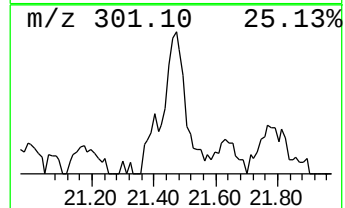
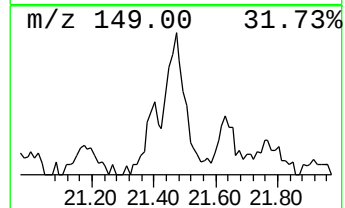
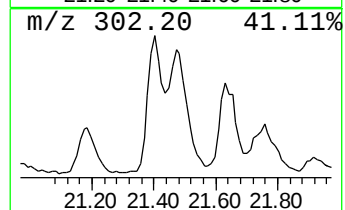
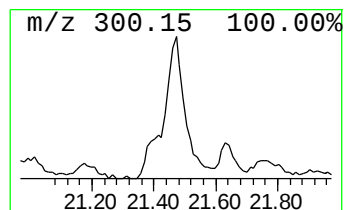
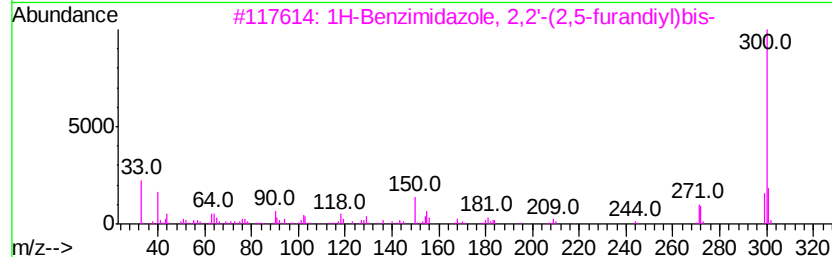
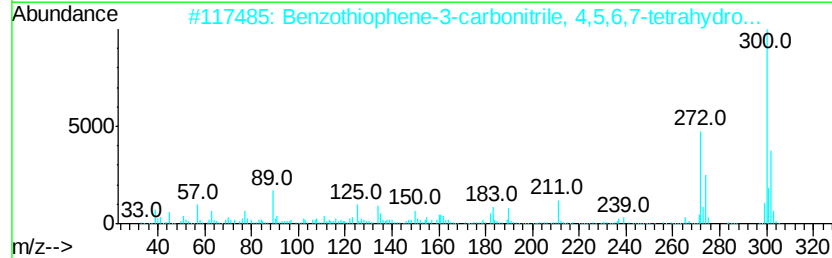
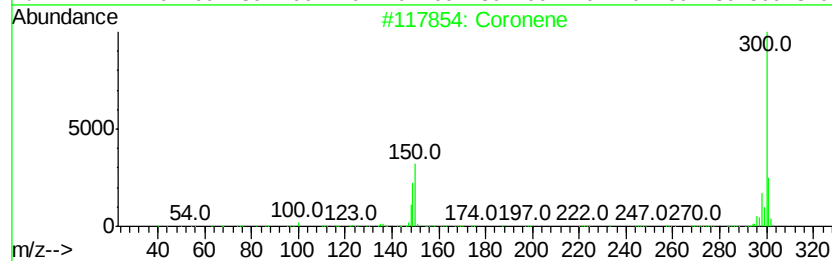
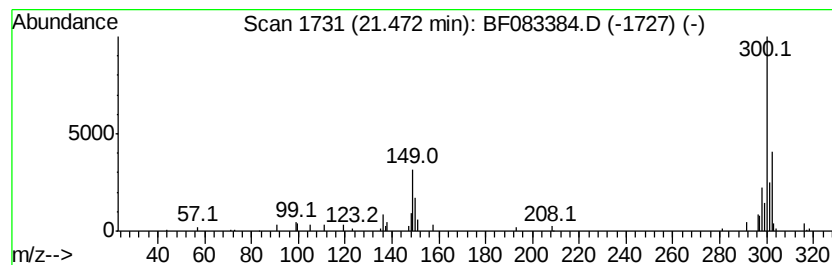
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	5.22 ng	248851	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	62
2		Benzo[thiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	42
3		1H-Benzimidazole, 2,2'-(2,5-fura...	300	C18H12N4O	004751-41-1	38
4		Estra-1,3,5(10)-trien-17-one, 3-...	300	C19H24O3	074299-14-2	35
5		Platinum, (.eta.5-2,4-cyclopenta...	301	C8H10Pt	035770-29-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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Acq On : 1 Dec 2015 20:57
Operator : UM/IZ
Sample : G4593-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2-14.5

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...	4.66	23.6	ng	1124940	1	6.54	952706	20.0
unknown6.32	6.32	72.3	ng	3441730	1	6.54	952706	20.0
Phenanthrene, 2-m...	11.73	4.3	ng	385329	4	11.13	1779500	20.0
Anthracene, 2-met...	11.83	5.0	ng	443976	4	11.13	1779500	20.0
4H-Cyclopenta[def...	11.86	6.6	ng	583753	4	11.13	1779500	20.0
5,12-Naphthacened...	15.85	4.2	ng	200107	6	16.82	952585	20.0
unknown16.08	16.08	5.3	ng	252332	6	16.82	952585	20.0
unknown16.61	16.61	5.6	ng	267531	6	16.82	952585	20.0
Benzo[b]triphenylene	18.05	5.0	ng	240402	6	16.82	952585	20.0
3,4:9,10-Dibenzop...	20.48	7.5	ng	356068	6	16.82	952585	20.0
unknown20.69	20.69	4.1	ng	195865	6	16.82	952585	20.0
Coronene	21.47	5.2	ng	248851	6	16.82	952585	20.0