

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
 Data File : BF087886.D
 Acq On : 10 Jun 2016 20:48
 Operator : UM/SJ
 Sample : H3395-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-942-PLATFORM(0-4)

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-BF060716.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	1.747	12	14	23	rVB	246410	492439	9.43%	0.703%
2	1.873	23	25	87	rVB	2316687	5224618	100.00%	7.455%
3	4.982	294	297	301	rVB	101397	138339	2.65%	0.197%
4	5.404	331	334	336	rVB	1667400	1667103	31.91%	2.379%
5	6.445	422	425	427	rVB	1753011	1694822	32.44%	2.418%
6	6.582	434	437	439	rBV	1418996	1801479	34.48%	2.571%
7	6.810	455	457	459	rBV	856012	699355	13.39%	0.998%
8	6.970	468	471	473	rBV	1357774	1310475	25.08%	1.870%
9	7.370	504	506	509	rVB	825817	1002326	19.18%	1.430%
10	7.462	512	514	516	rVB	208285	163466	3.13%	0.233%
11	8.102	567	570	572	rBV	921323	999514	19.13%	1.426%
12	9.176	661	664	666	rVB	1639195	1564147	29.94%	2.232%
13	9.565	696	698	700	rVV2	274006	261221	5.00%	0.373%
14	9.702	708	710	713	rBV	485985	666435	12.76%	0.951%
15	9.851	720	723	724	rBV	841705	839072	16.06%	1.197%
16	10.296	759	762	763	rVV2	86332	113401	2.17%	0.162%
17	10.502	777	780	782	rVV	82966	109508	2.10%	0.156%
18	10.548	782	784	789	rVV2	50737	105033	2.01%	0.150%
19	10.628	789	791	793	rVB	845948	815535	15.61%	1.164%
20	10.754	800	802	806	rBV2	149742	183613	3.51%	0.262%
21	10.936	814	818	822	rBV3	45086	125620	2.40%	0.179%
22	11.085	827	831	834	rVV2	94154	158761	3.04%	0.227%
23	11.325	850	852	853	rBV	876970	784859	15.02%	1.120%
24	11.405	856	859	860	rBV	473629	628860	12.04%	0.897%
25	11.428	860	861	864	rVB2	105751	109663	2.10%	0.156%
26	11.554	869	872	873	rBV	251170	268363	5.14%	0.383%
27	11.828	893	896	897	rBV	204789	221340	4.24%	0.316%
28	11.851	897	898	900	rVB	319487	263816	5.05%	0.376%
29	11.897	900	902	904	rBV	239248	239972	4.59%	0.342%
30	11.931	904	905	910	rVB	373011	641917	12.29%	0.916%
31	12.011	910	912	913	rBV2	59742	102037	1.95%	0.146%
32	12.137	917	923	925	rBV3	158673	449163	8.60%	0.641%
33	12.274	932	935	936	rBV2	83983	131632	2.52%	0.188%
34	12.377	941	944	945	rBV	366704	444400	8.51%	0.634%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.434	945	949	950	rVV2	181175	355816	6.81%	0.508%
36	12.457	950	951	954	rVB	298836	307558	5.89%	0.439%
37	12.537	956	958	960	rVB	2420527	2755108	52.73%	3.931%
38	12.582	960	962	964	rBV2	90222	163291	3.13%	0.233%
39	12.628	964	966	968	rVB	394556	324109	6.20%	0.462%
40	12.685	968	971	975	rBV4	102350	334083	6.39%	0.477%
41	12.765	975	978	981	rBV	2364682	3349128	64.10%	4.779%
42	12.811	981	982	985	rVB2	186463	271729	5.20%	0.388%
43	12.880	985	988	989	rBV	300971	329626	6.31%	0.470%
44	12.914	989	991	994	rVB	1021565	1345477	25.75%	1.920%
45	12.982	994	997	1001	rBV3	459330	847280	16.22%	1.209%
46	13.085	1003	1006	1008	rVB	537860	1041387	19.93%	1.486%
47	13.120	1008	1009	1010	rBV	75440	96622	1.85%	0.138%
48	13.154	1010	1012	1013	rBV	334972	271979	5.21%	0.388%
49	13.188	1013	1015	1019	rVB2	544525	754199	14.44%	1.076%
50	13.257	1019	1021	1022	rBV2	126526	184814	3.54%	0.264%
51	13.280	1022	1023	1025	rVV	273309	308812	5.91%	0.441%
52	13.314	1025	1026	1028	rVV	329548	271765	5.20%	0.388%
53	13.360	1028	1030	1031	rVB2	97923	119807	2.29%	0.171%
54	13.394	1031	1033	1037	rVB3	78121	157873	3.02%	0.225%
55	13.462	1037	1039	1040	rBV2	133755	189554	3.63%	0.270%
56	13.600	1048	1051	1053	rVB	434482	682469	13.06%	0.974%
57	13.702	1057	1060	1062	rBV	537686	755852	14.47%	1.079%
58	13.737	1062	1063	1064	rVV	483187	425561	8.15%	0.607%
59	13.760	1064	1065	1067	rVV2	411555	494224	9.46%	0.705%
60	13.805	1067	1069	1071	rVB	525628	560670	10.73%	0.800%
61	13.954	1078	1082	1084	rBV2	2074014	3760482	71.98%	5.366%
62	13.988	1084	1085	1088	rVB	1832020	1587639	30.39%	2.265%
63	14.102	1093	1095	1097	rVV2	409980	884652	16.93%	1.262%
64	14.171	1100	1101	1103	rVV2	345576	579086	11.08%	0.826%
65	14.217	1103	1105	1108	rVV	280523	678017	12.98%	0.967%
66	14.274	1108	1110	1111	rVV2	196780	342208	6.55%	0.488%
67	14.342	1111	1116	1117	rVV	781346	1455624	27.86%	2.077%
68	14.377	1117	1119	1121	rVV2	559224	805165	15.41%	1.149%
69	14.434	1121	1124	1125	rVV2	421310	760707	14.56%	1.085%
70	14.468	1125	1127	1130	rVV3	515481	1062465	20.34%	1.516%
71	14.537	1131	1133	1136	rVV3	280511	523257	10.02%	0.747%

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72	14.640	1140	1142	1143	rVV	266507	387522	7.42%	0.553%
73	14.720	1147	1149	1150	rVV2	240783	415126	7.95%	0.592%
74	14.811	1154	1157	1161	rVV3	280719	792407	15.17%	1.131%
75	14.880	1161	1163	1165	rVV2	177316	328674	6.29%	0.469%
76	14.983	1168	1172	1176	rVV	1689825	4159984	79.62%	5.936%
77	15.074	1176	1180	1182	rVV2	644259	921302	17.63%	1.315%
78	15.154	1185	1187	1191	rVV3	121252	335257	6.42%	0.478%
79	15.211	1191	1192	1193	rVV	112639	114668	2.19%	0.164%
80	15.257	1193	1196	1199	rVB	1041222	1477511	28.28%	2.108%
81	15.314	1199	1201	1204	rBV	1048264	1564196	29.94%	2.232%
82	15.371	1204	1206	1207	rVV	479317	571349	10.94%	0.815%
83	15.405	1207	1209	1212	rVB2	355483	563768	10.79%	0.804%
84	15.703	1234	1235	1238	rVB2	87027	107233	2.05%	0.153%
85	15.817	1243	1245	1247	rVV	69906	114824	2.20%	0.164%
86	15.886	1250	1251	1256	rVB2	82824	145366	2.78%	0.207%
87	16.320	1287	1289	1291	rBV	67848	108090	2.07%	0.154%
88	16.423	1295	1298	1305	rVB6	133486	384656	7.36%	0.549%
89	16.583	1306	1312	1318	rBV5	134741	445496	8.53%	0.636%
90	16.731	1321	1325	1328	rBV2	455619	915656	17.53%	1.307%
91	16.788	1328	1330	1336	rVB2	86379	225175	4.31%	0.321%
92	16.891	1336	1339	1341	rBV	100785	208297	3.99%	0.297%
93	16.948	1341	1344	1346	rBV2	100455	177174	3.39%	0.253%
94	17.143	1357	1361	1369	rVB	340500	755295	14.46%	1.078%
95	17.269	1369	1372	1377	rBV4	51815	161522	3.09%	0.230%
96	17.360	1377	1380	1382	rBV	63799	131729	2.52%	0.188%
97	17.737	1410	1413	1416	rVB4	54903	124591	2.38%	0.178%
98	18.217	1451	1455	1462	rVB4	57299	186321	3.57%	0.266%
99	19.212	1536	1542	1549	rVB2	103289	425954	8.15%	0.608%
100	19.394	1552	1558	1561	rBV	71932	270468	5.18%	0.386%

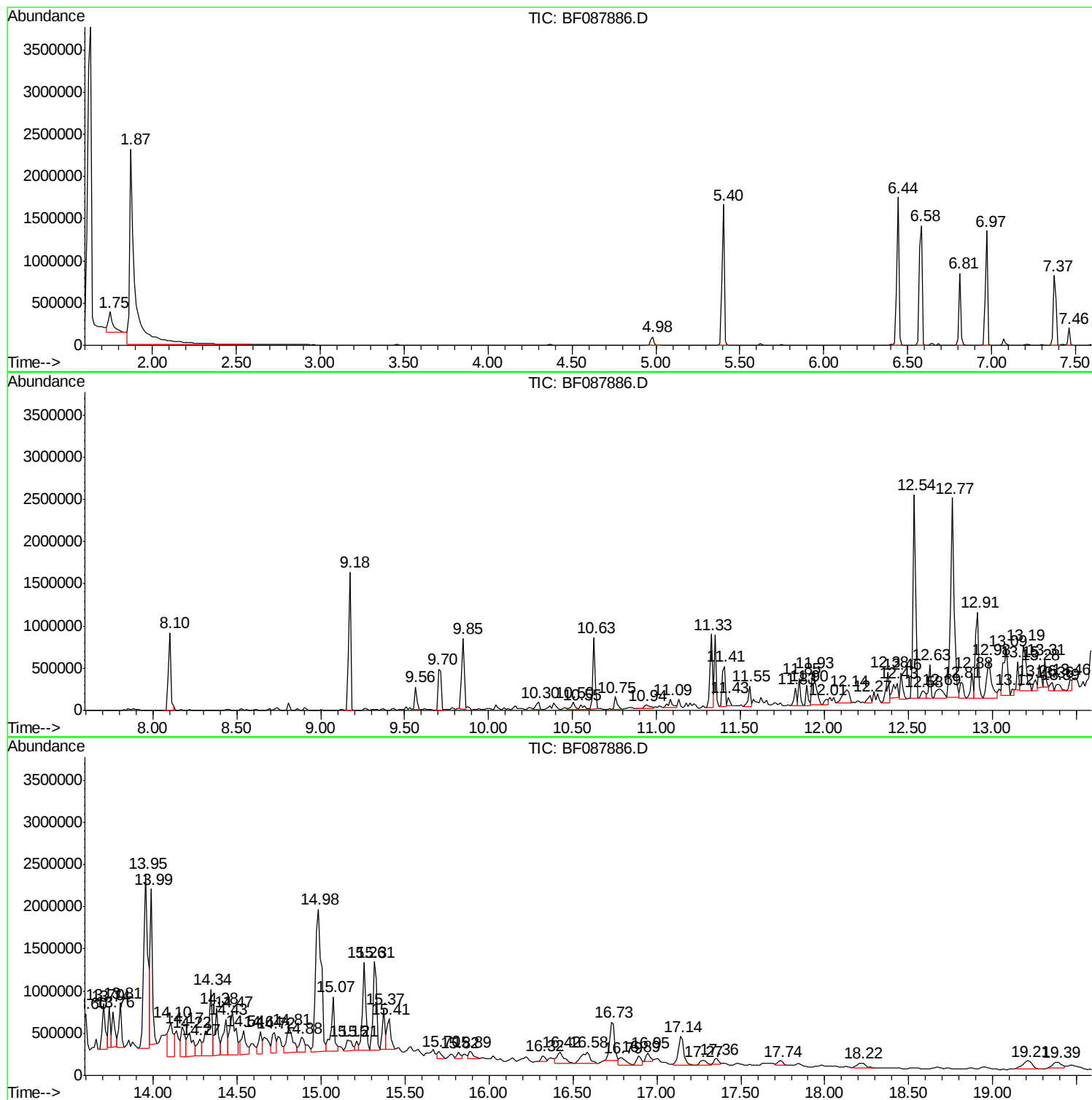
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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STA-942-PLATFORM(0-4)

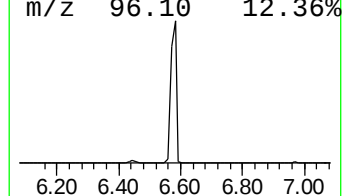
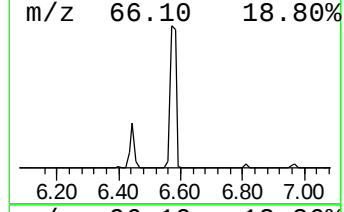
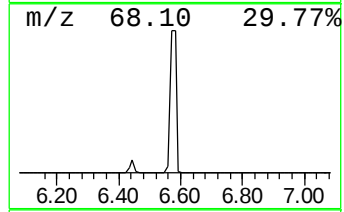
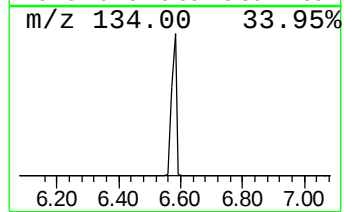
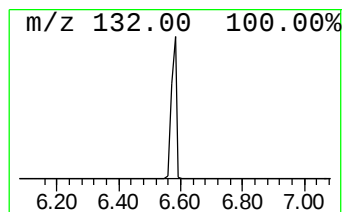
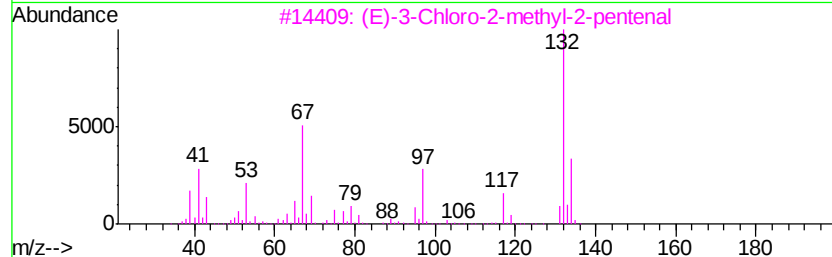
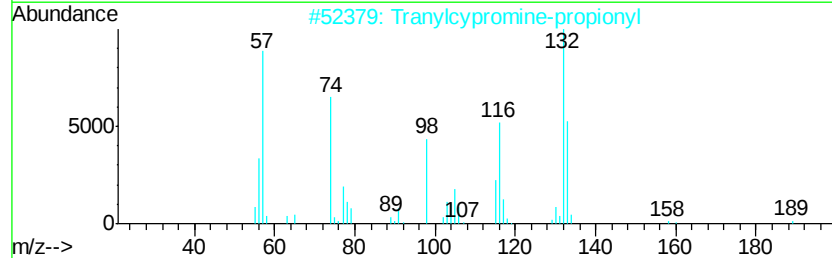
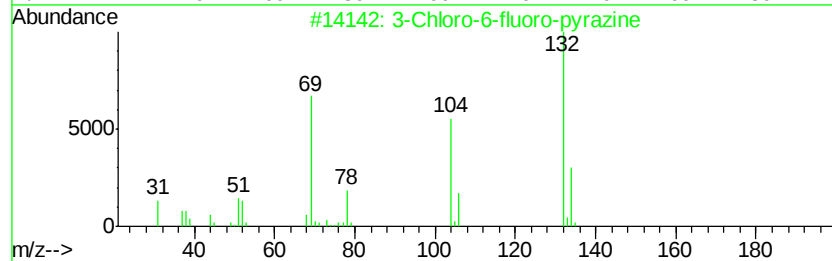
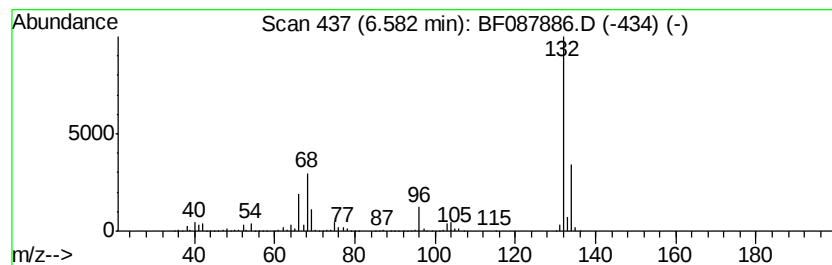
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Chloro-6-fluoro-pyrazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	51.52 ng	1801480	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	50
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	37
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	33
4			Amphetaminil	250	C17H18N2	017590-01-1	28
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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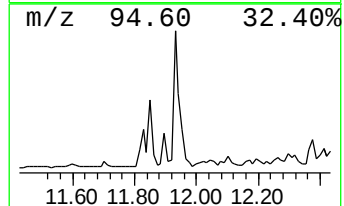
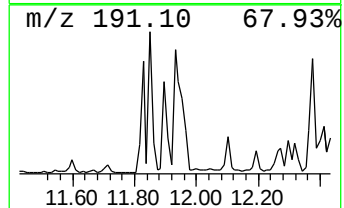
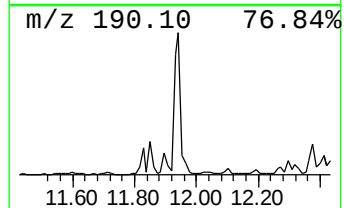
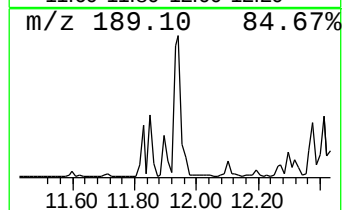
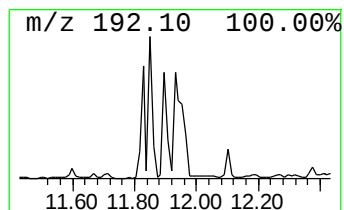
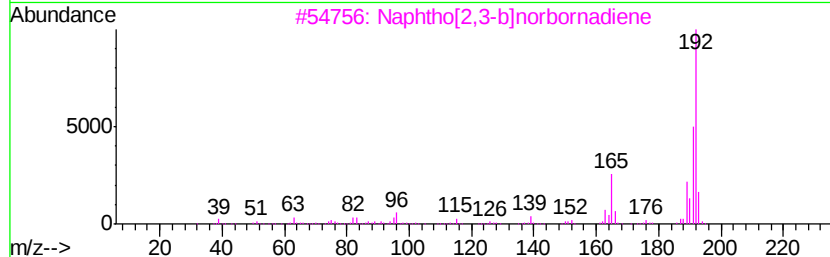
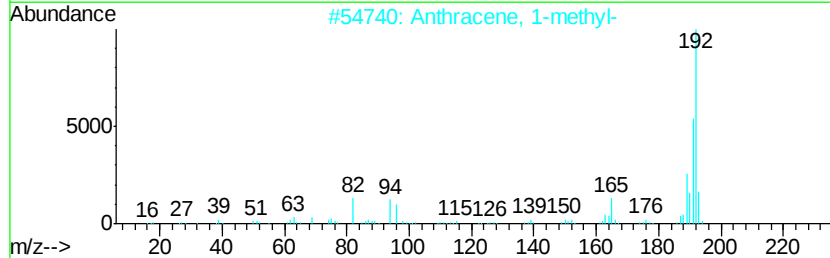
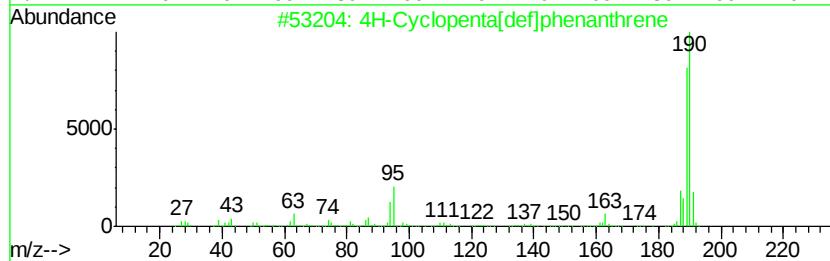
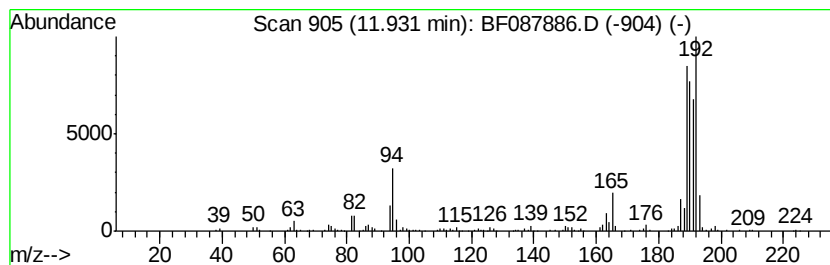
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	16.36 ng	641917	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46



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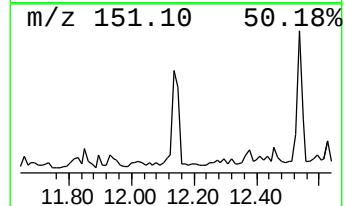
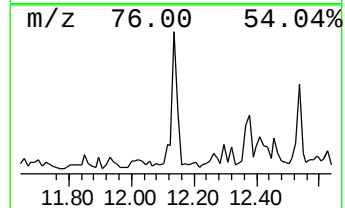
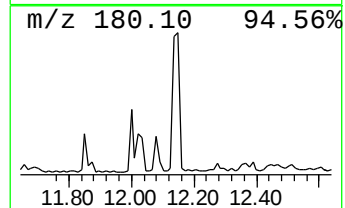
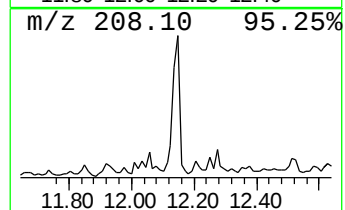
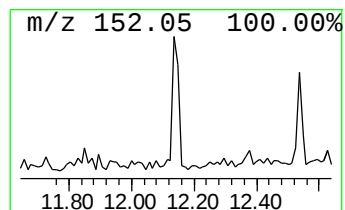
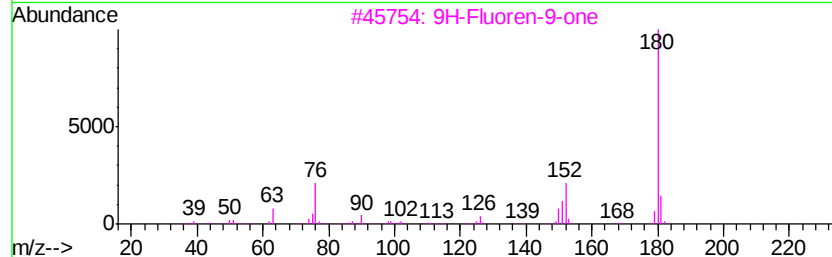
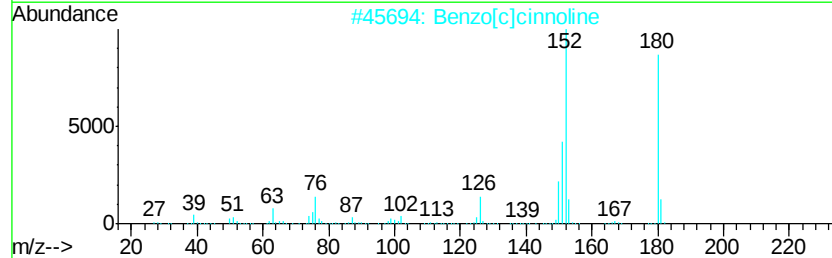
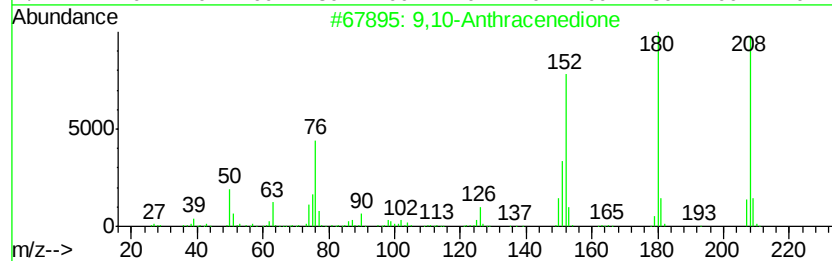
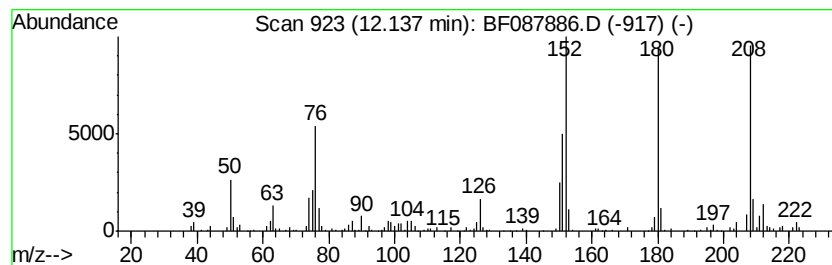
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.14	11.45 ng	449163	Phenanthrene-d10		11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	92
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	90
4	1,4-Anthracenedione			208	C14H8O2	000635-12-1	60
5	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	55



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Operator : UM/SJ
Sample : H3395-10
Misc :
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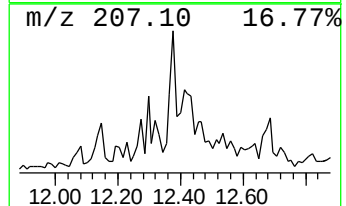
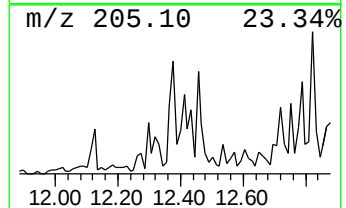
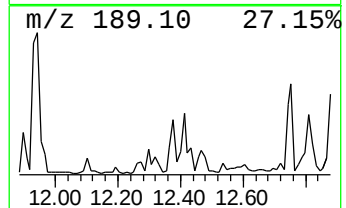
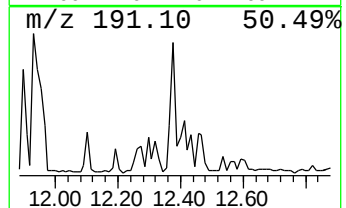
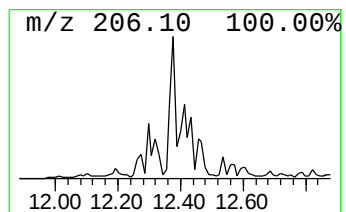
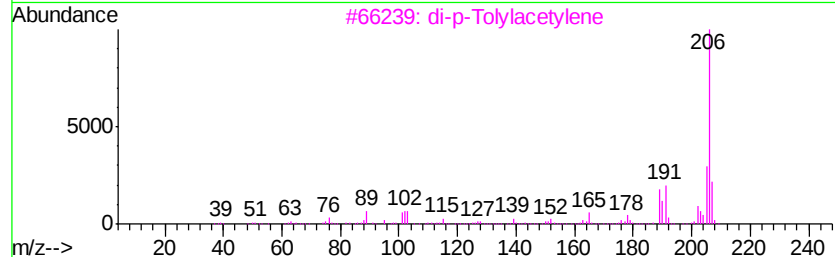
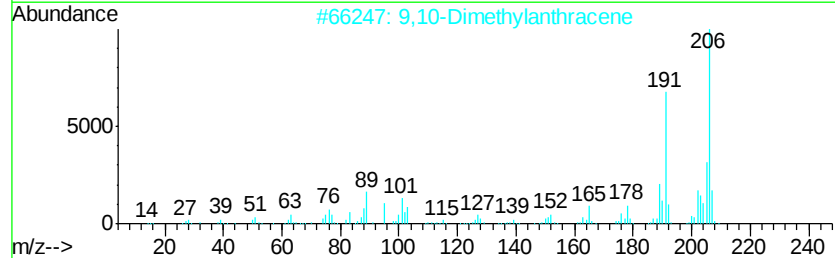
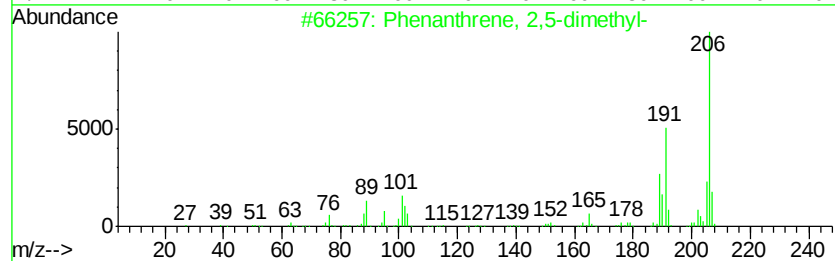
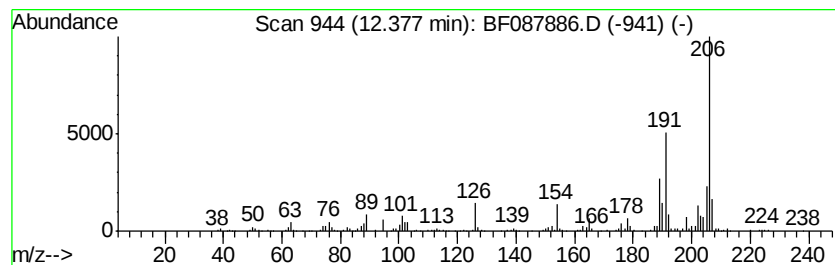
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ClientSampleId :
STA-942-PLATFORM(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.38	11.32 ng	444400	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	97
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
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Sample : H3395-10
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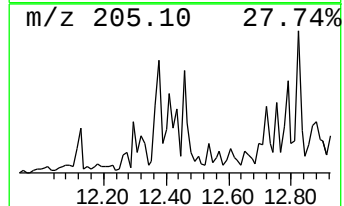
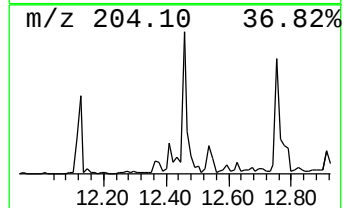
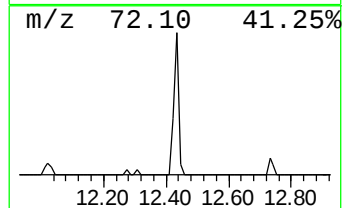
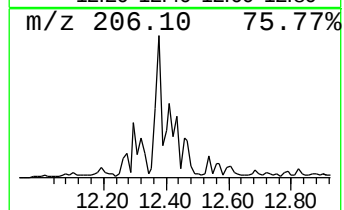
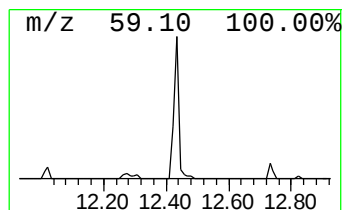
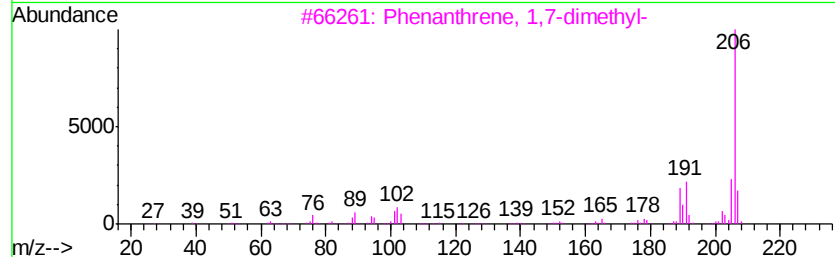
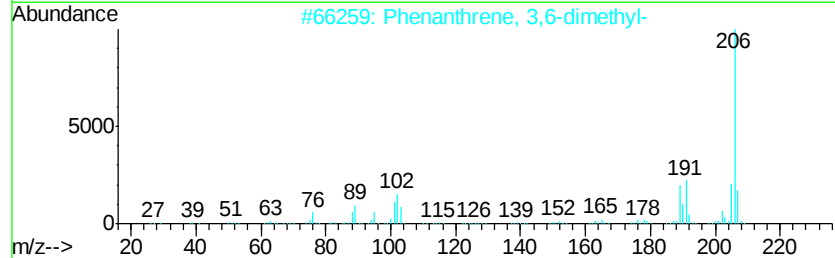
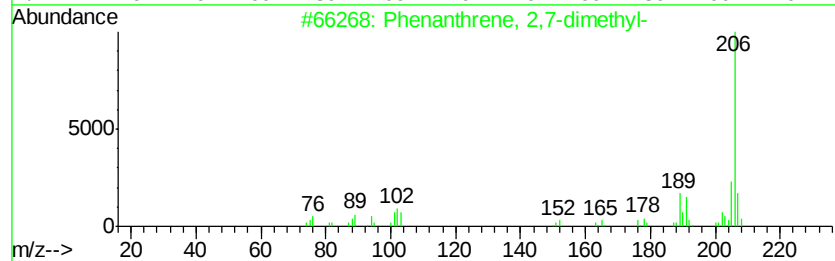
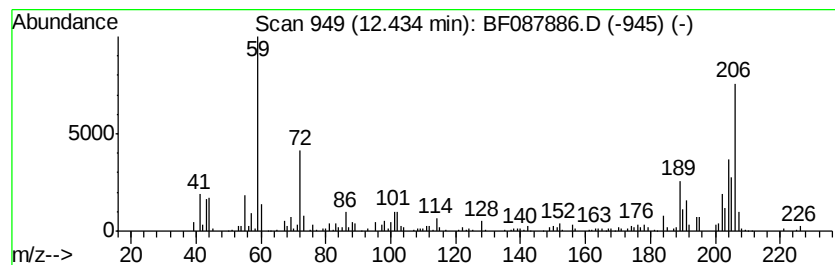
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.43	9.07 ng	355816	Phenanthrene-d10		11.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	51
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30
4		Hexadecanamide	255	C16H33NO	000629-54-9	30
5		Tetradecanamide	227	C14H29NO	000638-58-4	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087886.D
Acq On : 10 Jun 2016 20:48
Operator : UM/SJ
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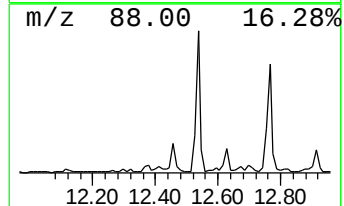
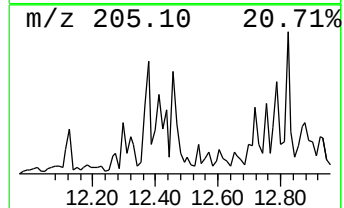
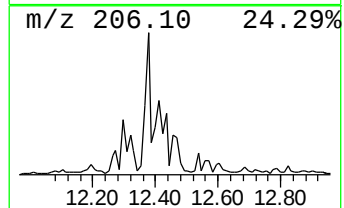
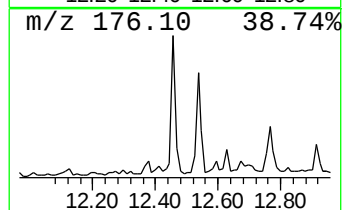
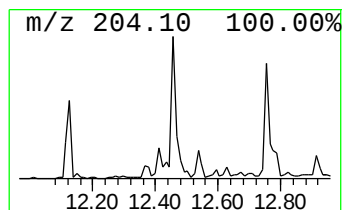
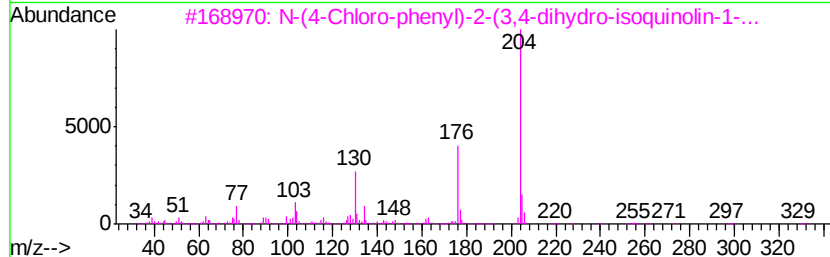
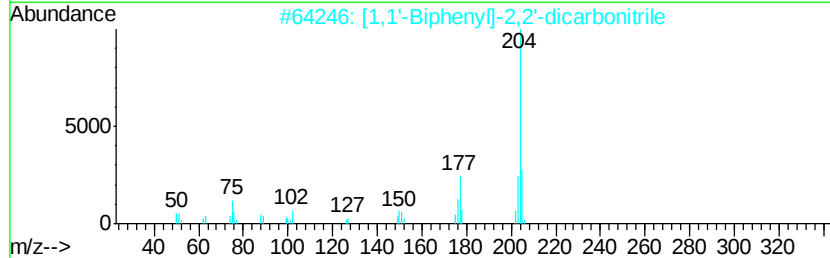
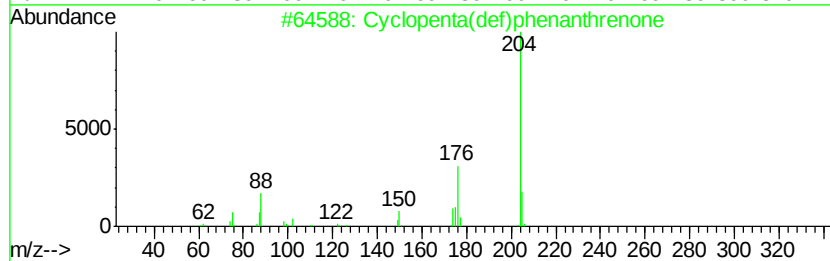
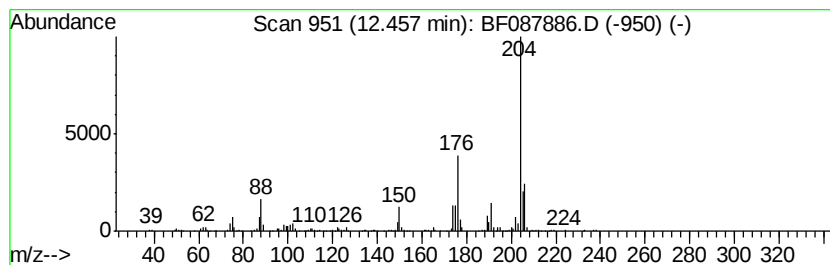
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	7.84 ng	307558	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	40
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
5		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
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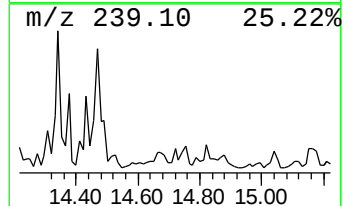
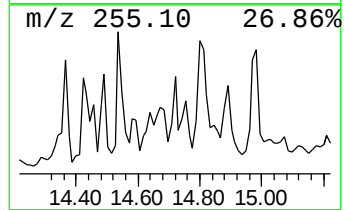
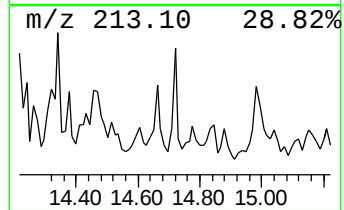
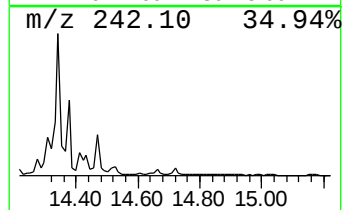
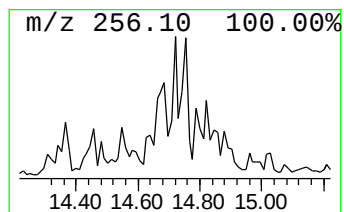
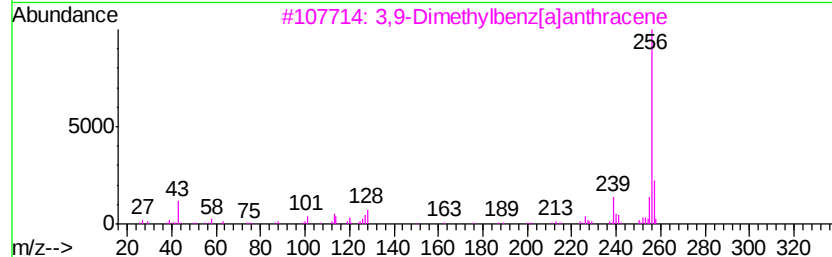
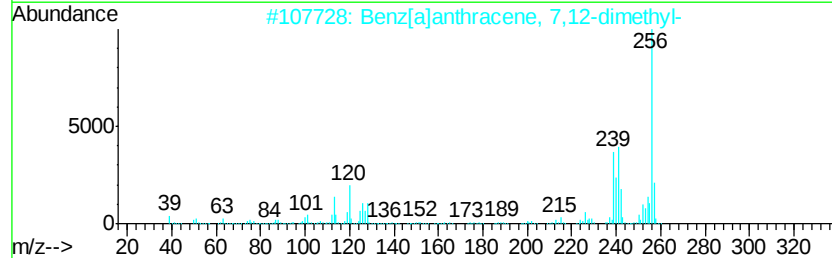
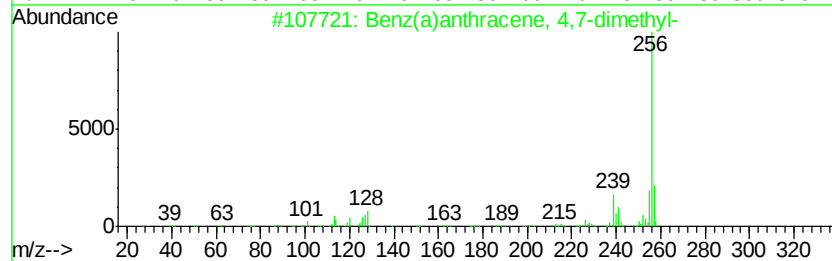
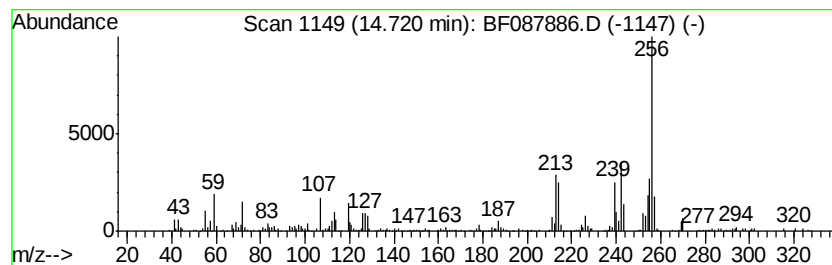
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benz(a)anthracene, 4,7-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	14.53 ng	415126	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	78
2		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	64
3		3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	60
4		Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	60
5		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
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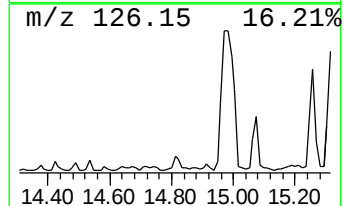
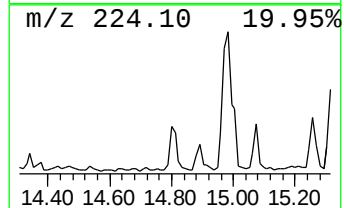
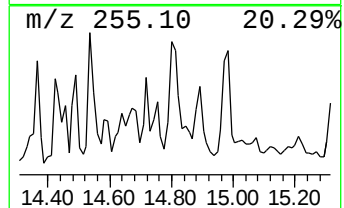
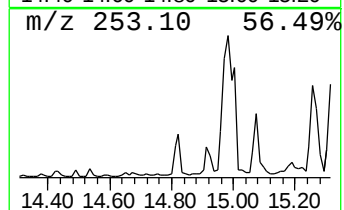
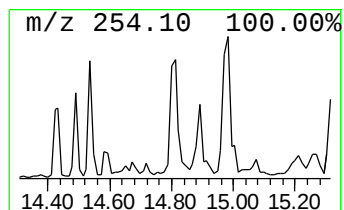
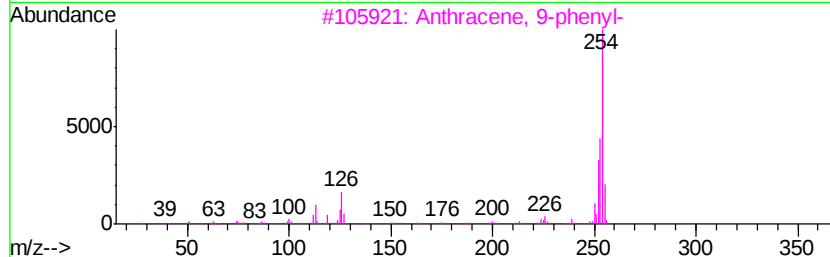
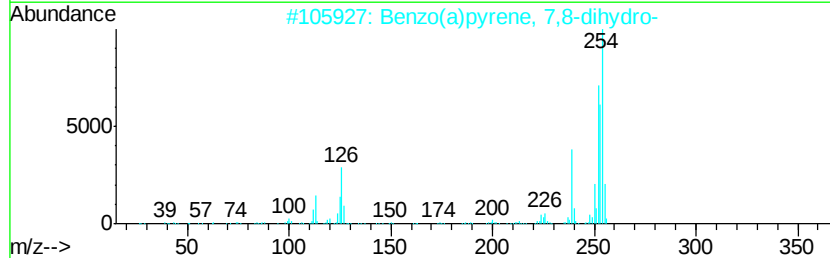
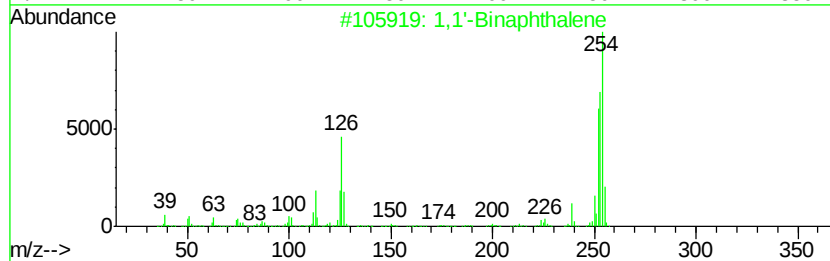
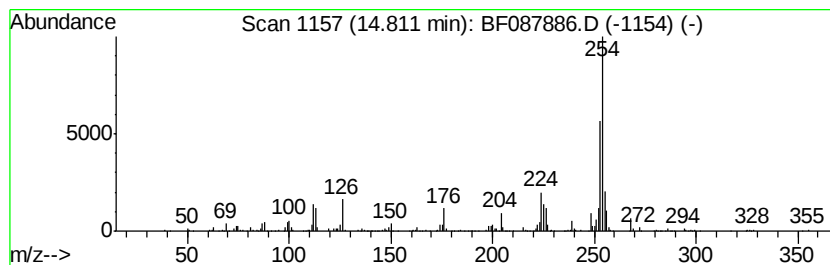
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,1'-Binaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	27.74 ng	792407	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2		Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	70
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
4		Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	64
5		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	58



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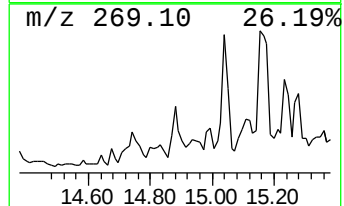
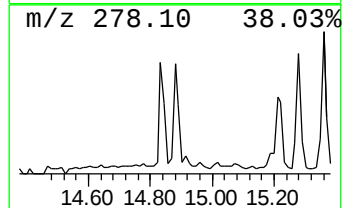
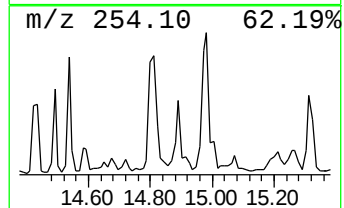
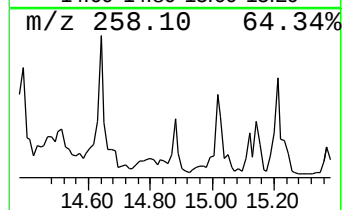
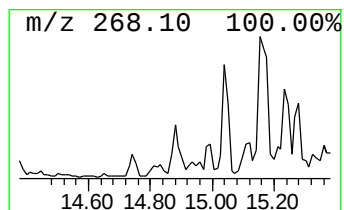
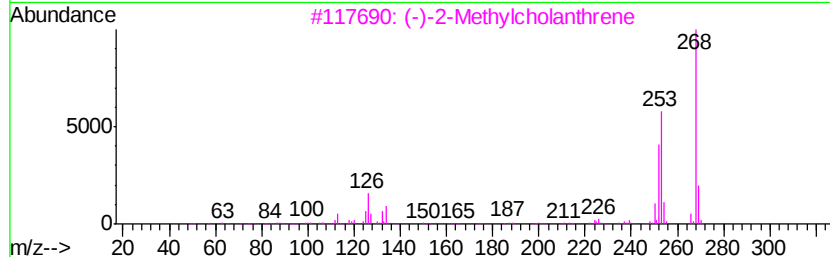
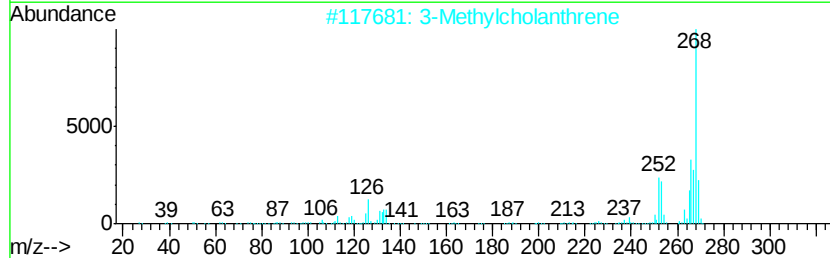
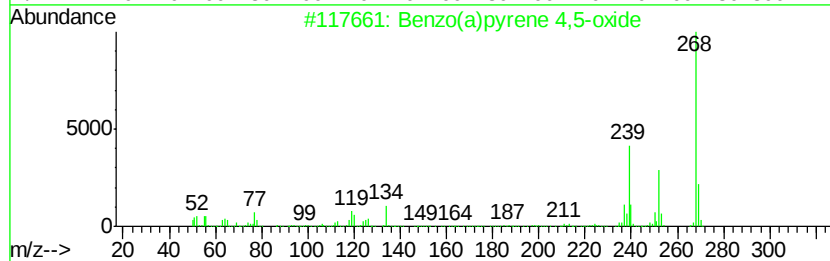
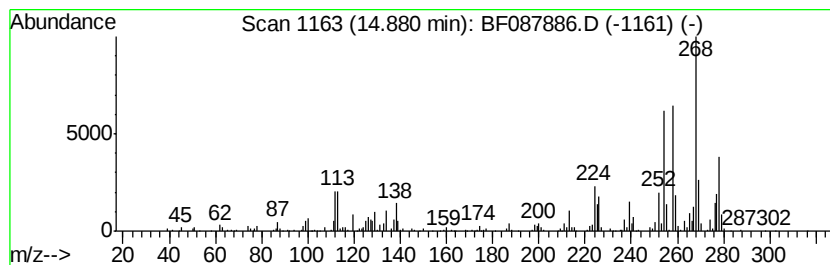
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown14.88 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	11.51 ng	328674	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	42
2			3-Methylcholanthrene	268	C21H16	000056-49-5	35
3			(-)-2-Methylcholanthrene	268	C21H16	1000126-56-2	30
4			4H-1-Benzopyran-4-one, 3-hydroxy...	268	C16H12O4	007478-60-6	30
5			(+)-2-Methylcholanthrene	268	C21H16	1000126-56-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
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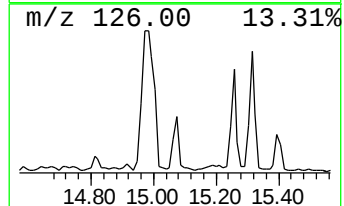
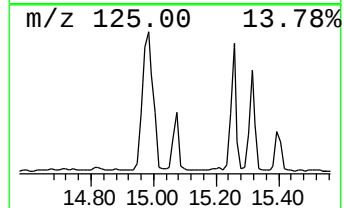
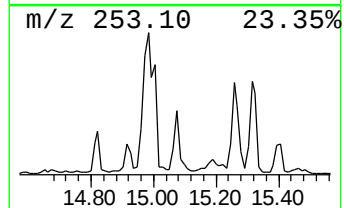
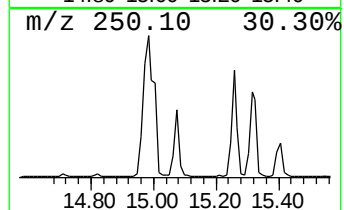
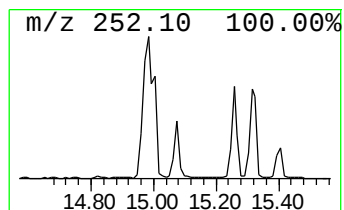
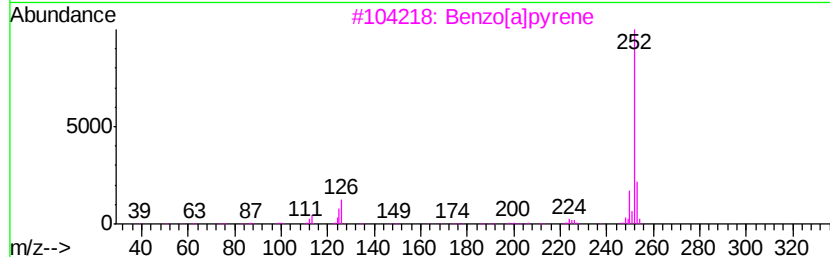
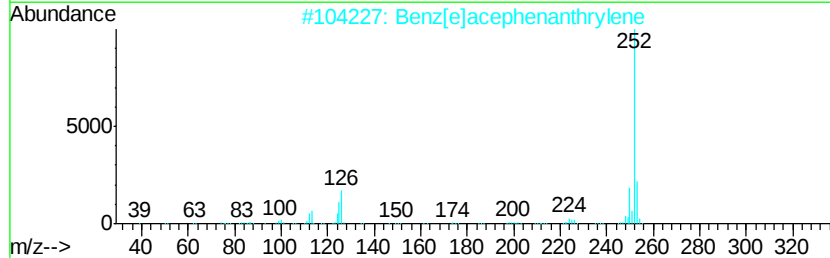
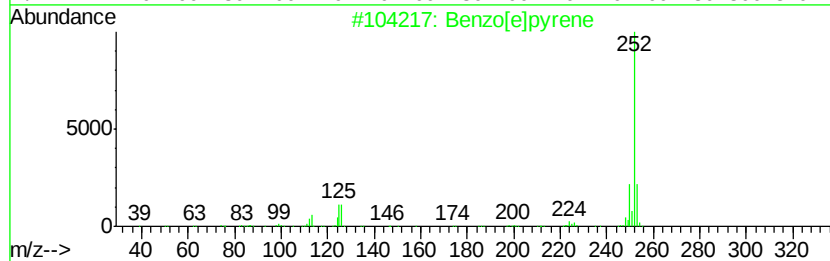
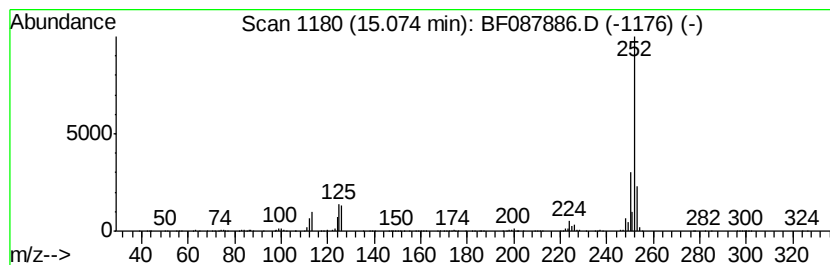
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	32.25 ng	921302	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087886.D
Acq On : 10 Jun 2016 20:48
Operator : UM/SJ
Sample : H3395-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-942-PLATFORM(0-4)

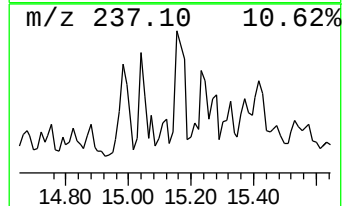
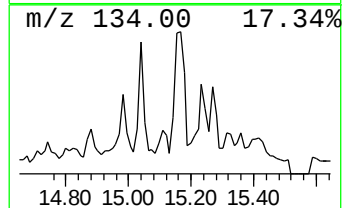
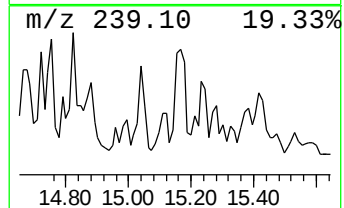
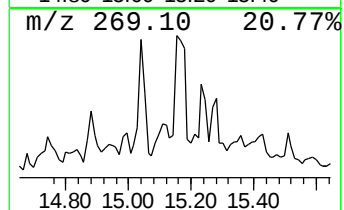
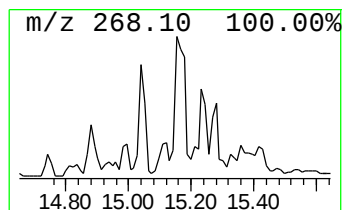
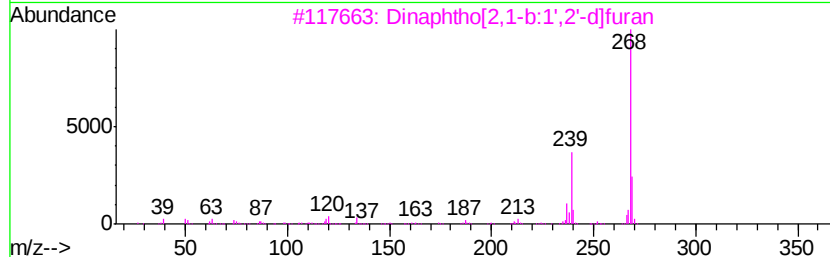
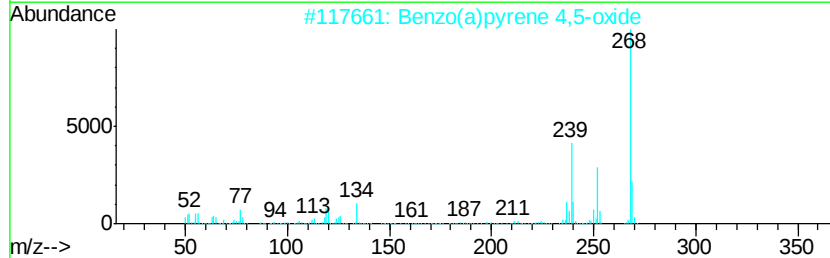
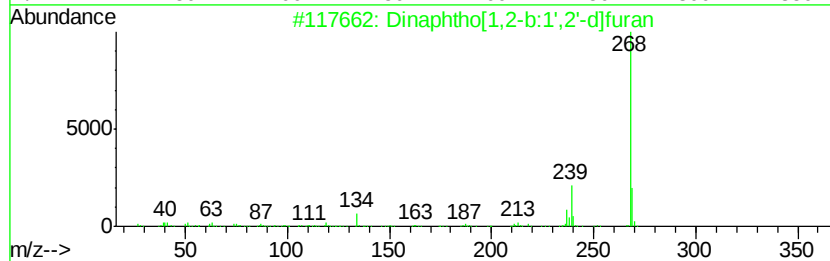
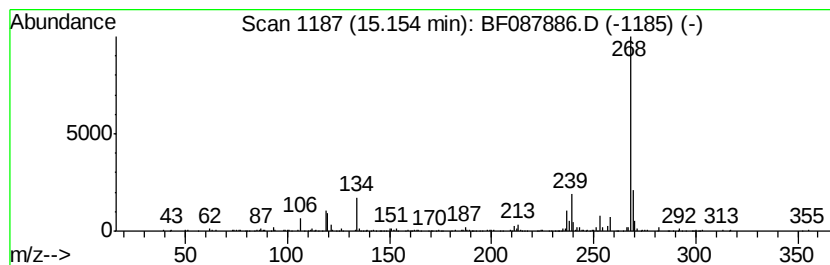
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	11.74 ng	335257	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	87
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
4		Phenol, 2,2'-[1,2-ethanediv]bis(...	268	C16H16N2O2	000094-93-9	60
5		Diethylstilbestrol	268	C18H20O2	000056-53-1	53



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Sample : H3395-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-942-PLATFORM(0-4)

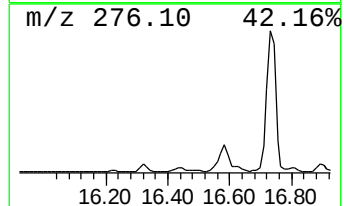
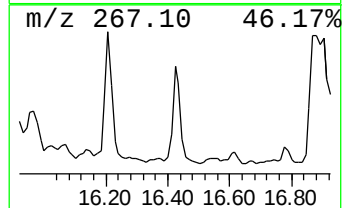
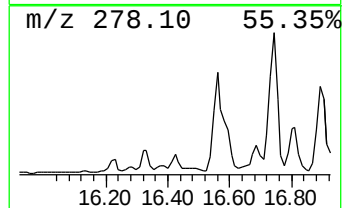
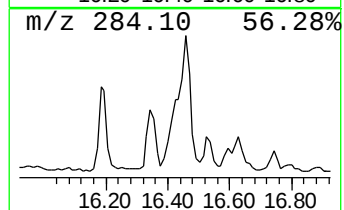
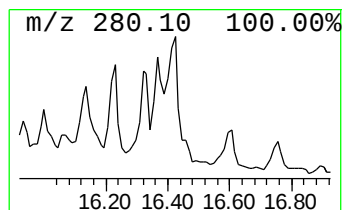
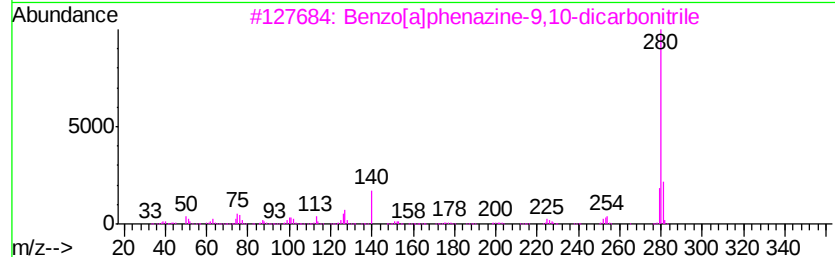
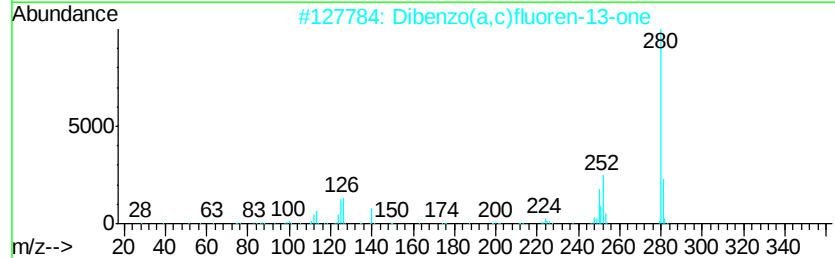
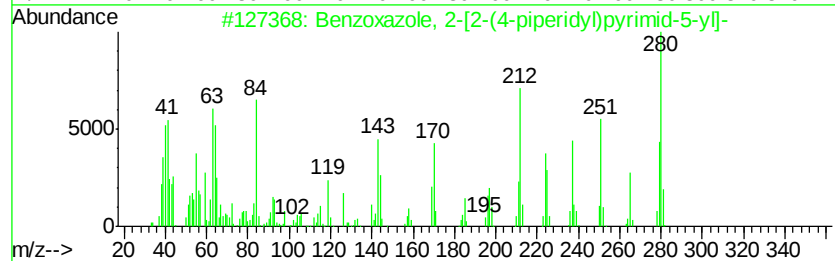
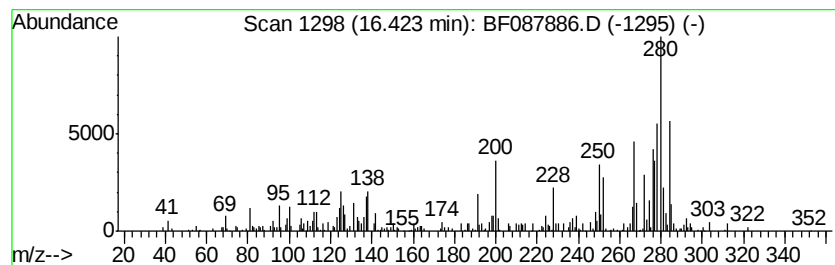
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzoxazole, 2-[2-(4-piperi... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	13.46 ng	384656	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	78
2		Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	25
3		Benzo[a]phenazine-9,10-dicarboni...	280	C18H8N4	1000276-19-4	18
4		1,3-Diamino-8,9-dichloro-5,6-dih...	280	C12H10Cl2N4	037436-48-9	18
5		Dibenzo(a,I)phenazine	280	C20H12N2	000226-98-2	18



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Sample : H3395-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

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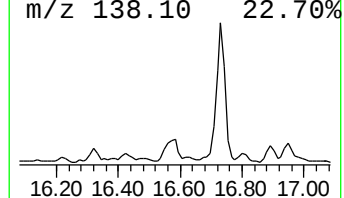
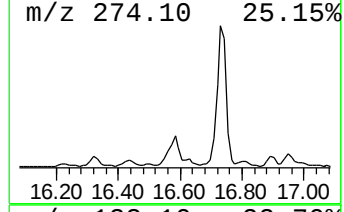
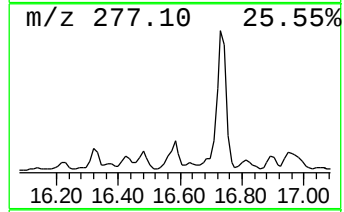
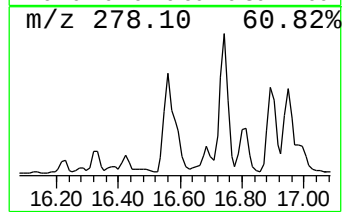
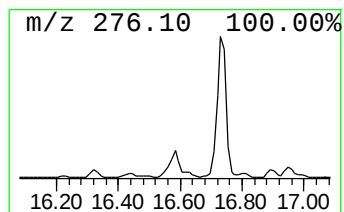
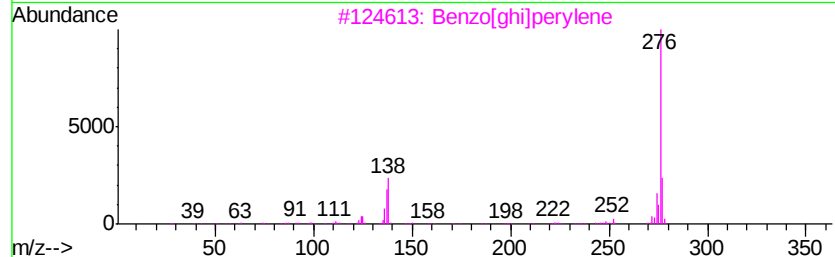
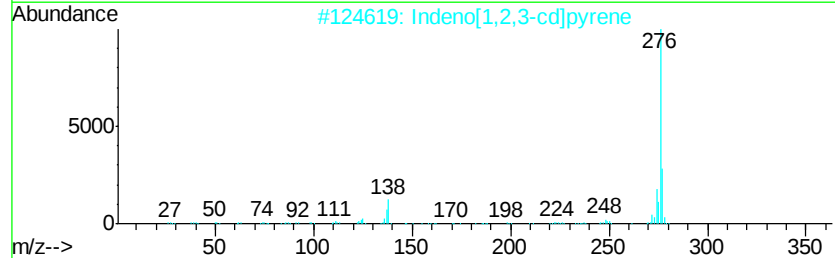
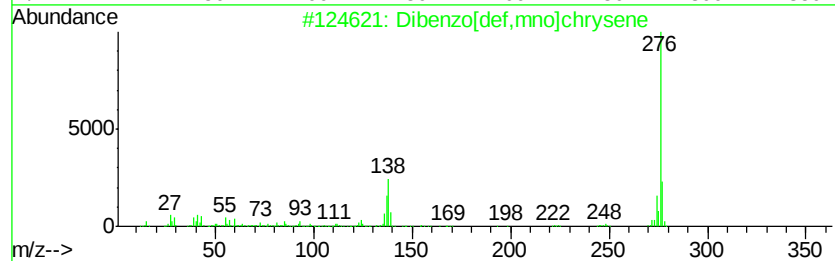
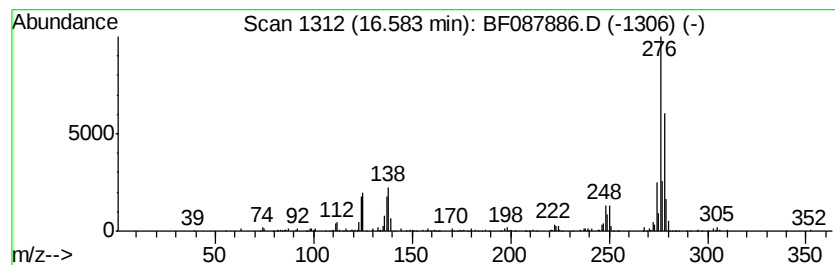
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	15.59 ng	445496	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	90
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	60
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	55
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	53
5		12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
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Acq On : 10 Jun 2016 20:48
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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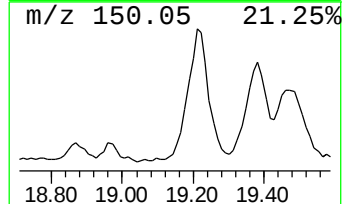
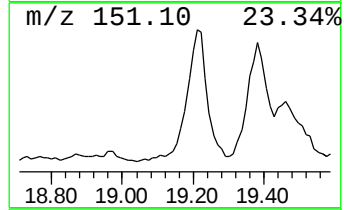
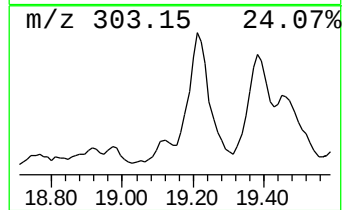
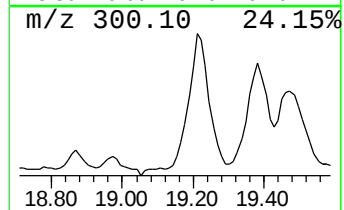
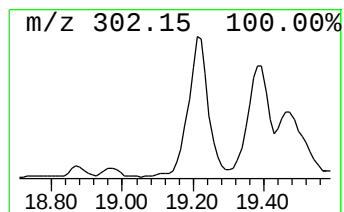
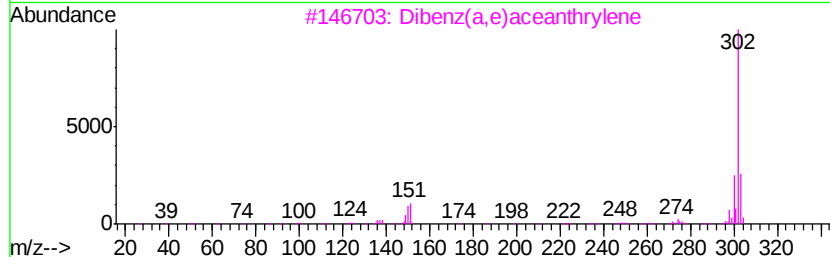
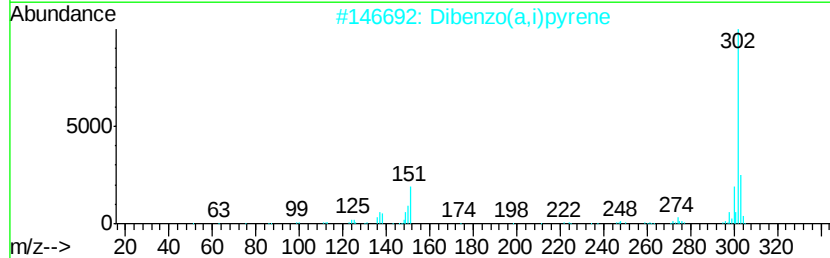
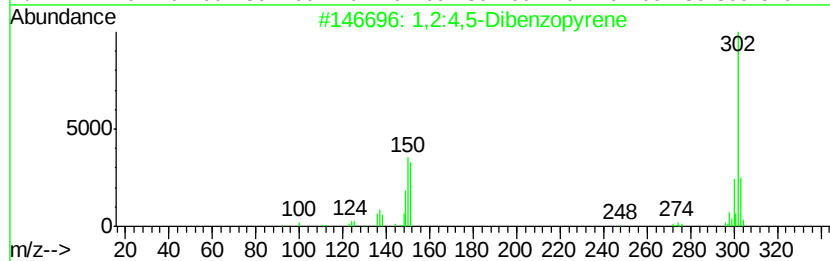
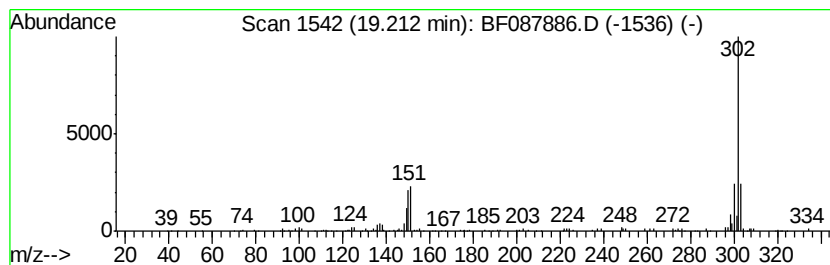
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	14.91 ng	425954	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
2			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	89
3			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	76
4			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	74
5			Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
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Sample : H3395-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-942-PLATFORM(0-4)

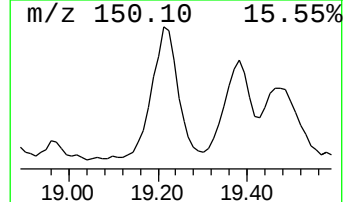
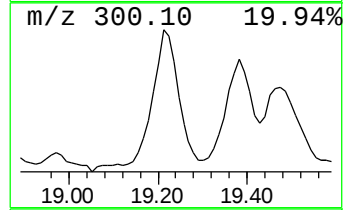
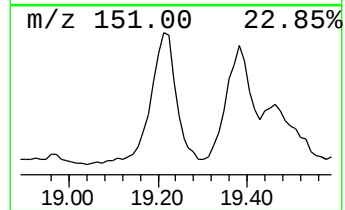
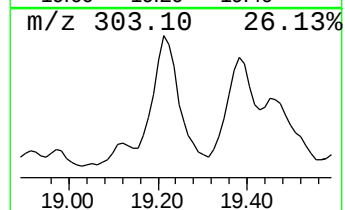
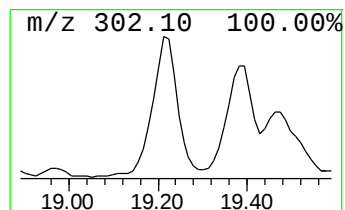
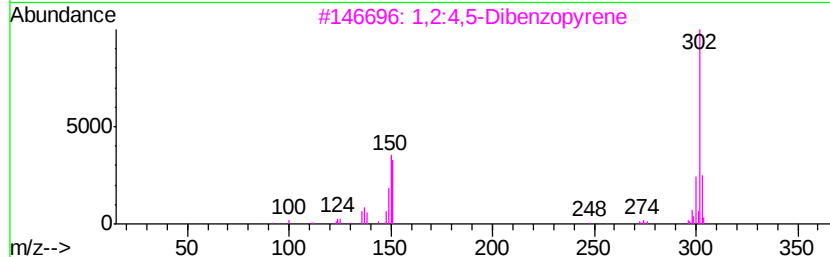
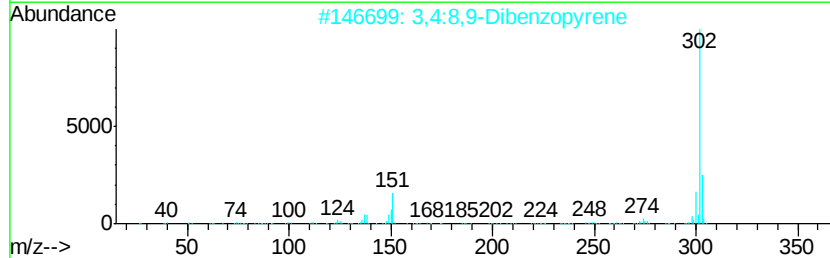
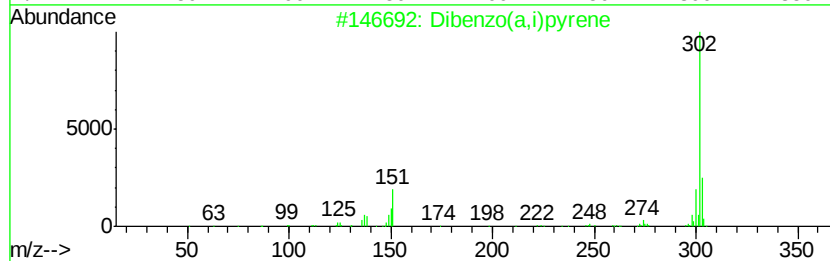
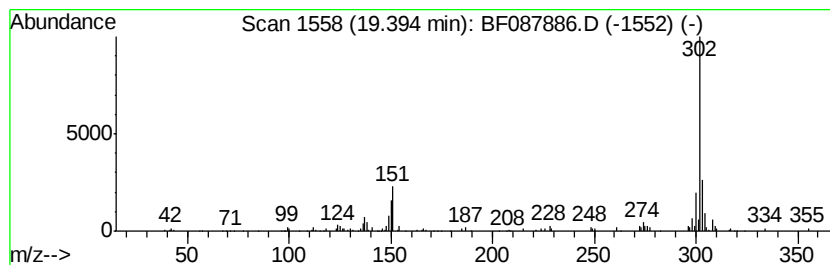
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	9.47 ng	270468	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	97
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	86



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 ALS Vial : 19 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Chloro-6-fluoro...	6.58	51.5	ng	1801480	1	6.81	699355	20.0
4H-Cyclopenta[def...	11.93	16.4	ng	641917	4	11.32	784859	20.0
9,10-Anthracenedione	12.14	11.4	ng	449163	4	11.32	784859	20.0
Phenanthrene, 2,5...	12.38	11.3	ng	444400	4	11.32	784859	20.0
Phenanthrene, 2,7...	12.43	9.1	ng	355816	4	11.32	784859	20.0
Cyclopenta(def)ph...	12.46	7.8	ng	307558	4	11.32	784859	20.0
Benz(a)anthracene...	14.72	14.5	ng	415126	6	15.37	571349	20.0
1,1'-Binaphthalene	14.81	27.7	ng	792407	6	15.37	571349	20.0
unknown14.88	14.88	11.5	ng	328674	6	15.37	571349	20.0
Benzo[e]pyrene	15.07	32.3	ng	921302	6	15.37	571349	20.0
Dinaphtho[1,2-b:1...	15.15	11.7	ng	335257	6	15.37	571349	20.0
Benzoxazole, 2-[2...	16.42	13.5	ng	384656	6	15.37	571349	20.0
Dibenzo[def,mno]c...	16.58	15.6	ng	445496	6	15.37	571349	20.0
1,2:4,5-Dibenzopy...	19.21	14.9	ng	425954	6	15.37	571349	20.0
Dibenzo(a,i)pyrene	19.39	9.5	ng	270468	6	15.37	571349	20.0