

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088384.D
 Acq On : 25 Jun 2016 18:41
 Operator : UM/SJ
 Sample : H3622-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1466(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	1.701	8	10	22	rVB	871506	1419123	64.74%	3.561%
2	4.684	268	271	282	rBV	74705	134083	6.12%	0.336%
3	5.142	309	311	320	rBV	1036619	1382007	63.05%	3.468%
4	6.227	403	406	413	rBV	1202380	1429993	65.24%	3.588%
5	6.330	413	415	418	rBV	1546808	1476152	67.34%	3.704%
6	6.559	433	435	441	rBV	378950	407023	18.57%	1.021%
7	6.719	446	449	451	rBV	1039089	1296034	59.13%	3.252%
8	7.142	483	486	488	rBV	668550	946207	43.17%	2.374%
9	7.850	545	548	553	rBV	449720	615448	28.08%	1.544%
10	8.559	608	610	613	rVV	51201	49057	2.24%	0.123%
11	8.925	639	642	644	rVV	1869765	1754725	80.05%	4.403%
12	9.325	675	677	680	rVV	328771	309089	14.10%	0.776%
13	9.451	686	688	691	rVV	394327	363514	16.58%	0.912%
14	9.588	698	700	702	rVV	615914	600705	27.40%	1.507%
15	9.622	702	703	708	rVB	48477	47860	2.18%	0.120%
16	9.793	716	718	720	rVV	46659	51690	2.36%	0.130%
17	9.908	726	728	730	rBV3	47879	63520	2.90%	0.159%
18	9.999	734	736	738	rBV3	28101	47826	2.18%	0.120%
19	10.045	738	740	741	rVV2	54068	76200	3.48%	0.191%
20	10.136	741	748	751	rVB2	44426	107867	4.92%	0.271%
21	10.251	756	758	760	rBV2	43110	64771	2.95%	0.163%
22	10.376	767	769	772	rBV2	743508	889072	40.56%	2.231%
23	10.502	778	780	784	rVB2	92817	173721	7.93%	0.436%
24	10.685	793	796	799	rBV4	37222	78264	3.57%	0.196%
25	10.834	805	809	812	rVB3	65320	131421	6.00%	0.330%
26	10.948	818	819	821	rBV2	39634	51709	2.36%	0.130%
27	11.062	827	829	830	rBV	398642	456252	20.81%	1.145%
28	11.142	834	836	838	rVV	363643	362151	16.52%	0.909%
29	11.176	838	839	842	rVB2	71563	95039	4.34%	0.238%
30	11.325	848	852	854	rBV3	97750	258008	11.77%	0.647%
31	11.565	871	873	874	rBV	149507	142165	6.49%	0.357%
32	11.599	874	876	878	rVV	122760	175202	7.99%	0.440%
33	11.645	878	880	881	rVV	102694	118005	5.38%	0.296%
34	11.679	881	883	888	rVB	234433	490917	22.40%	1.232%

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

35	11.759	888	890	891	rBV2	35951	61987	2.83%	0.156%
36	11.782	891	892	895	rVV2	54476	87305	3.98%	0.219%
37	11.862	895	899	901	rVV2	99028	165772	7.56%	0.416%
38	11.896	901	902	904	rVB	95920	91358	4.17%	0.229%
39	12.011	909	912	913	rBV2	72114	107705	4.91%	0.270%
40	12.045	913	915	918	rVB	88148	175393	8.00%	0.440%
41	12.114	918	921	922	rBV	336005	334324	15.25%	0.839%
42	12.148	922	924	927	rVV2	156428	290463	13.25%	0.729%
43	12.205	927	929	933	rVB	256326	332859	15.19%	0.835%
44	12.274	933	935	938	rBV	1414316	1955121	89.19%	4.906%
45	12.342	938	941	942	rVV2	62720	128363	5.86%	0.322%
46	12.365	942	943	945	rVB	105196	109692	5.00%	0.275%
47	12.422	945	948	950	rBV2	123824	168057	7.67%	0.422%
48	12.502	952	955	958	rBV2	1592669	2192008	100.00%	5.500%
49	12.559	958	960	962	rVB	169009	221484	10.10%	0.556%
50	12.651	963	968	971	rVB	1143282	1443316	65.84%	3.622%
51	12.719	971	974	977	rBV2	280667	454039	20.71%	1.139%
52	12.834	980	984	986	rVB2	272336	646563	29.50%	1.622%
53	12.891	986	989	991	rBV3	154453	259921	11.86%	0.652%
54	12.937	991	993	996	rVB	274599	427925	19.52%	1.074%
55	13.017	999	1000	1002	rVB	163400	207524	9.47%	0.521%
56	13.051	1002	1003	1005	rBV	198544	196572	8.97%	0.493%
57	13.142	1008	1011	1013	rVB4	67842	123400	5.63%	0.310%
58	13.234	1013	1019	1024	rBV5	117494	471872	21.53%	1.184%
59	13.314	1024	1026	1027	rBV	57306	68644	3.13%	0.172%
60	13.348	1027	1029	1032	rVB	249470	341193	15.57%	0.856%
61	13.394	1032	1033	1035	rVB2	83737	74195	3.38%	0.186%
62	13.451	1035	1038	1041	rBV2	262254	648338	29.58%	1.627%
63	13.497	1041	1042	1045	rVV2	194029	244342	11.15%	0.613%
64	13.554	1045	1047	1051	rVB2	311348	469491	21.42%	1.178%
65	13.611	1051	1052	1056	rBV2	39383	81062	3.70%	0.203%
66	13.691	1056	1059	1061	rBV2	1149026	2051979	93.61%	5.149%
67	13.725	1061	1062	1066	rVV	1066287	1002062	45.71%	2.515%
68	13.794	1066	1068	1070	rVB2	64299	96895	4.42%	0.243%
69	13.862	1072	1074	1077	rVV3	102628	212288	9.68%	0.533%
70	13.908	1077	1078	1079	rVB	74159	52080	2.38%	0.131%
71	14.080	1089	1093	1095	rBV	296735	572027	26.10%	1.435%

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72	14.205	1103	1104	1107	rVB2	189816	234369	10.69%	0.588%
73	14.274	1108	1110	1113	rVB3	101483	157948	7.21%	0.396%
74	14.400	1117	1121	1125	rBV3	108106	321564	14.67%	0.807%
75	14.491	1125	1129	1131	rVB3	68263	167990	7.66%	0.422%
76	14.560	1131	1135	1137	rBV	186143	300699	13.72%	0.755%
77	14.605	1137	1139	1140	rVB	53636	52499	2.40%	0.132%
78	14.697	1144	1147	1151	rBV	946182	1880275	85.78%	4.718%
79	14.788	1153	1155	1157	rVB	183341	231591	10.57%	0.581%
80	14.868	1159	1162	1164	rBV2	50729	123332	5.63%	0.309%
81	14.948	1166	1169	1172	rBV	507405	618146	28.20%	1.551%
82	15.005	1172	1174	1177	rBV	533634	720066	32.85%	1.807%
83	15.051	1177	1178	1179	rBV	225634	207513	9.47%	0.521%
84	15.200	1189	1191	1193	rBV2	52540	78011	3.56%	0.196%
85	15.314	1199	1201	1203	rBV	37784	47985	2.19%	0.120%
86	15.428	1208	1211	1212	rBV2	53094	90857	4.14%	0.228%
87	15.520	1218	1219	1224	rVB2	52266	80815	3.69%	0.203%
88	15.943	1253	1256	1257	rBV3	26736	54344	2.48%	0.136%
89	15.977	1257	1259	1261	rVV2	40891	79855	3.64%	0.200%
90	16.023	1261	1263	1266	rVB2	39459	76004	3.47%	0.191%
91	16.114	1269	1271	1273	rBV2	45757	90864	4.15%	0.228%
92	16.194	1276	1278	1283	rVB3	31791	73016	3.33%	0.183%
93	16.285	1283	1286	1290	rBV	271856	518488	23.65%	1.301%
94	16.423	1294	1298	1300	rBV3	63834	144404	6.59%	0.362%
95	16.480	1300	1303	1306	rVB2	37110	73452	3.35%	0.184%
96	16.651	1315	1318	1327	rVB	158360	373872	17.06%	0.938%
97	16.868	1334	1337	1343	rVB2	34525	98600	4.50%	0.247%
98	18.526	1477	1482	1492	rBV2	37834	165540	7.55%	0.415%
99	18.697	1493	1497	1503	rBV	24228	105522	4.81%	0.265%
100	19.486	1562	1566	1571	rBV2	13118	51013	2.33%	0.128%

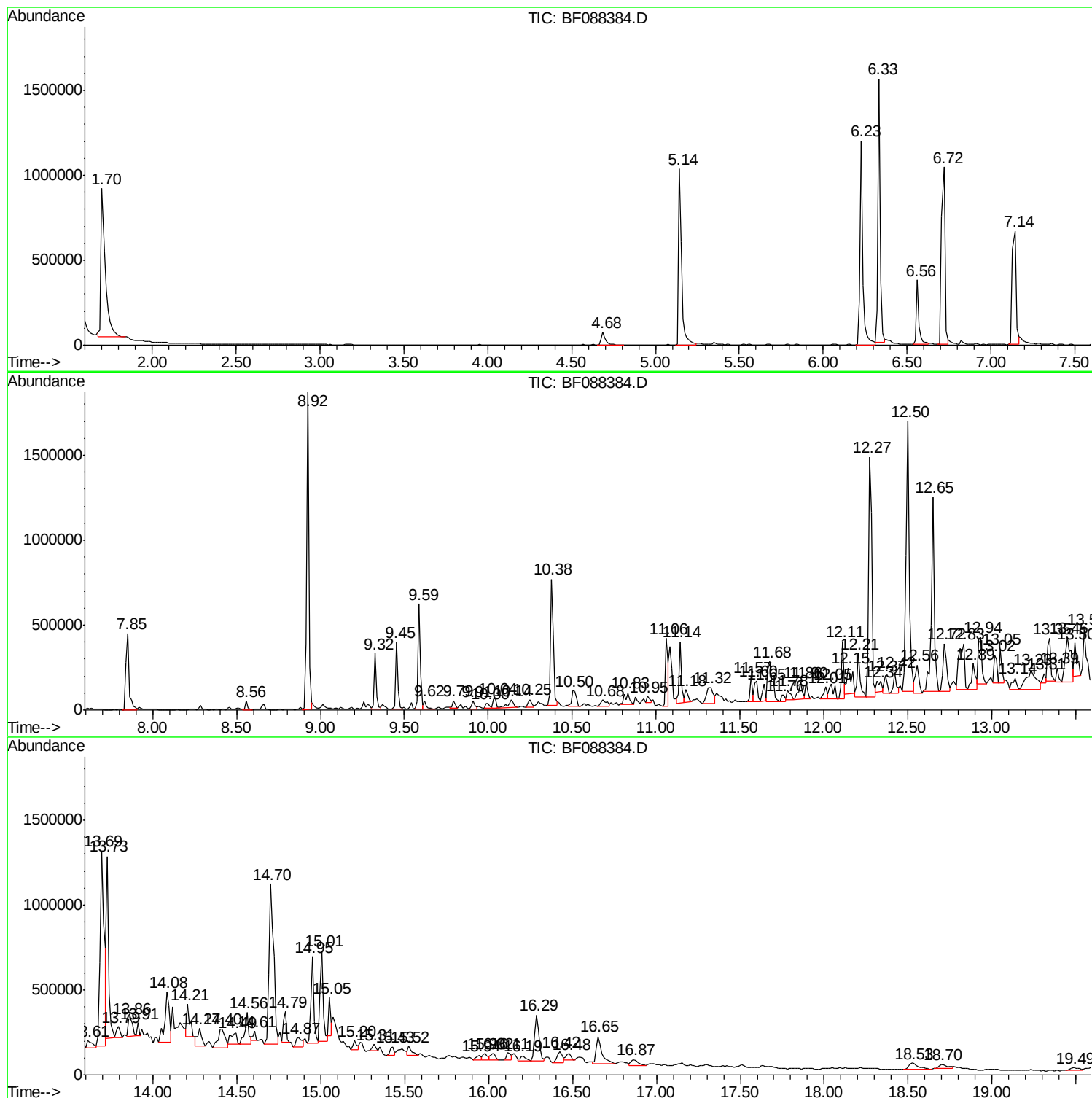
Sum of corrected areas: 39851073

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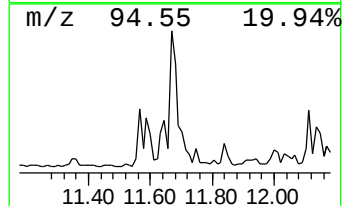
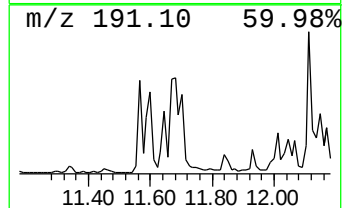
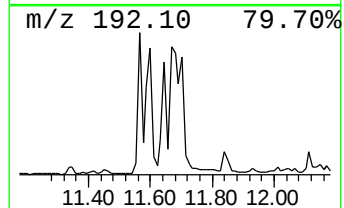
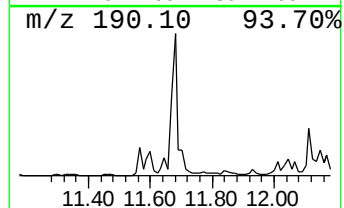
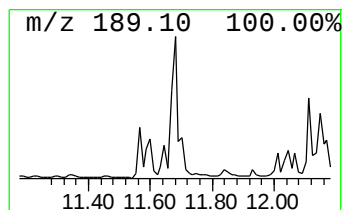
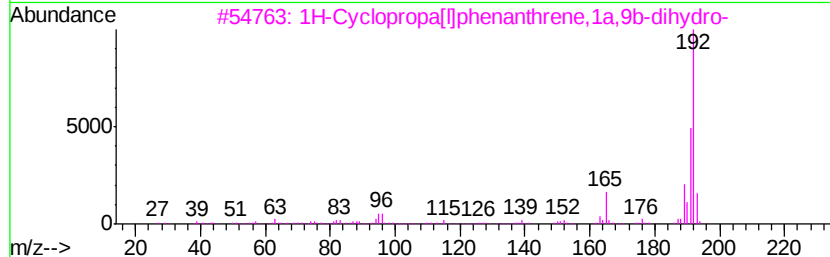
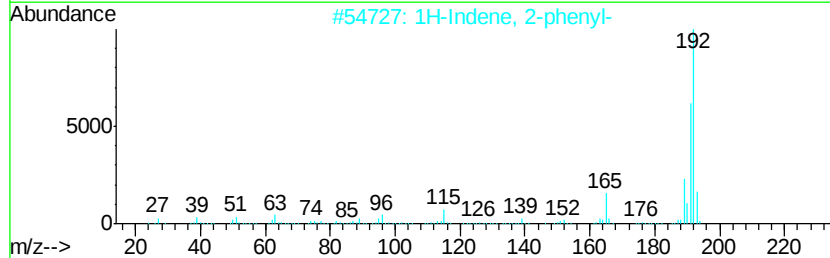
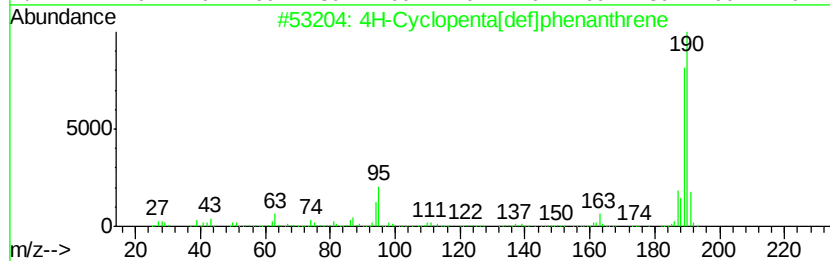
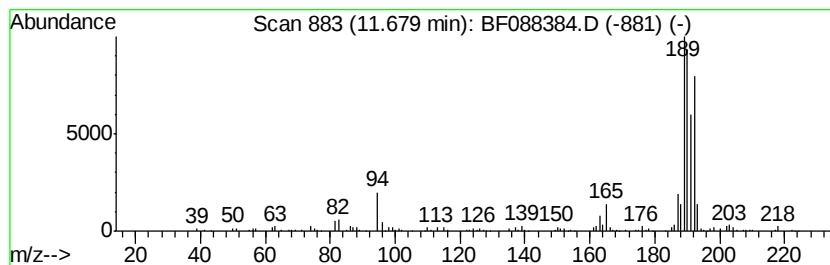
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.68	21.52 ng	490917	Phenanthrene-d10	11.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cvclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3	1H-Cvclopropa[fl]phenanthrene,1a,...	192	C15H12	000949-41-7	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



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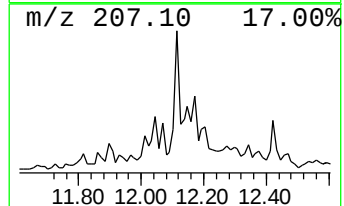
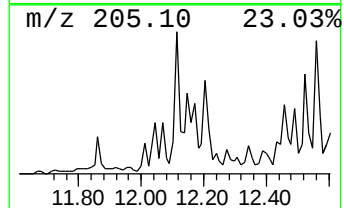
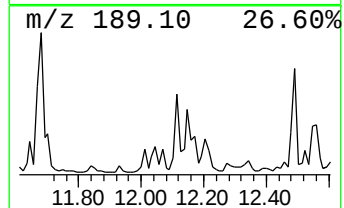
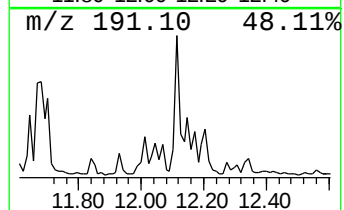
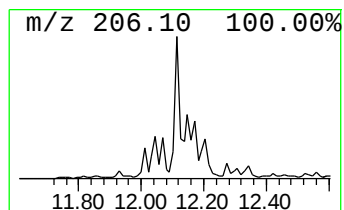
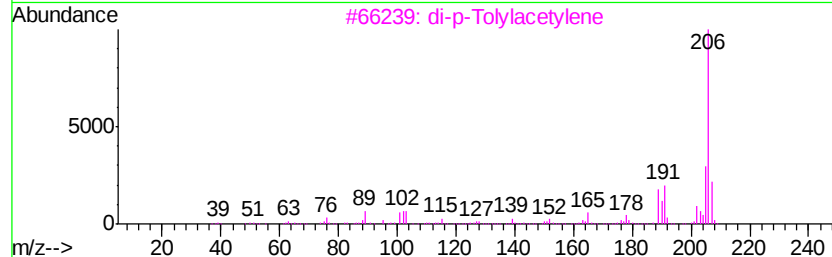
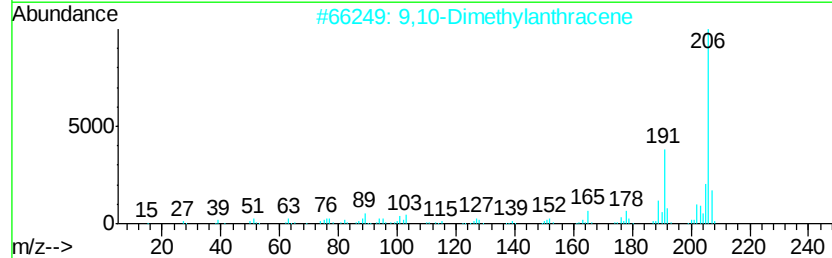
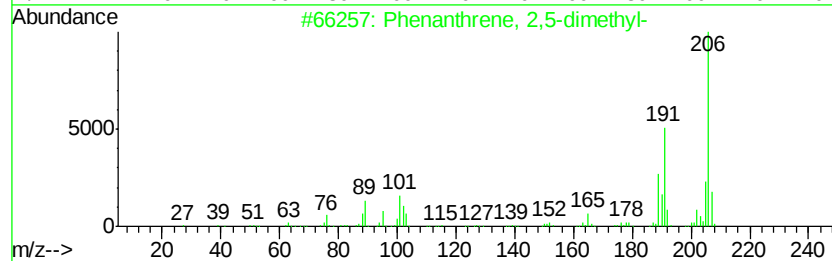
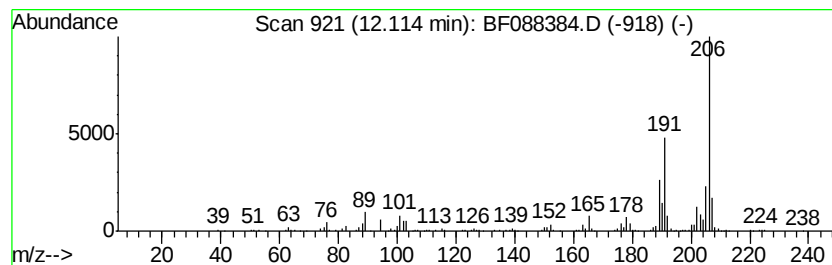
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	14.66 ng	334324	Phenanthrene-d10	11.06

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	96
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93



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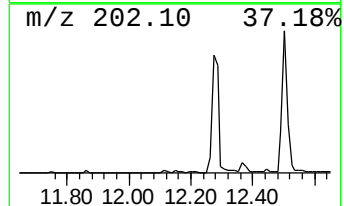
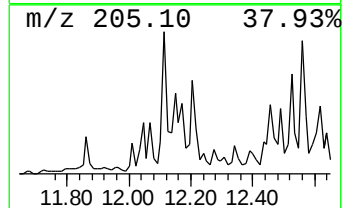
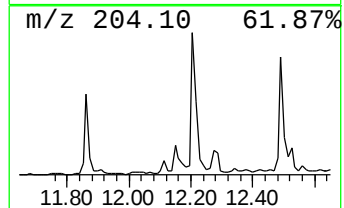
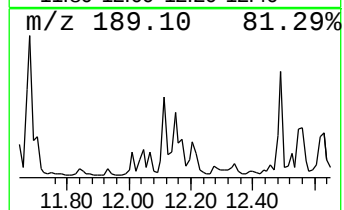
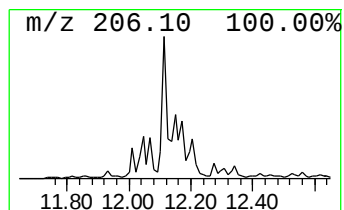
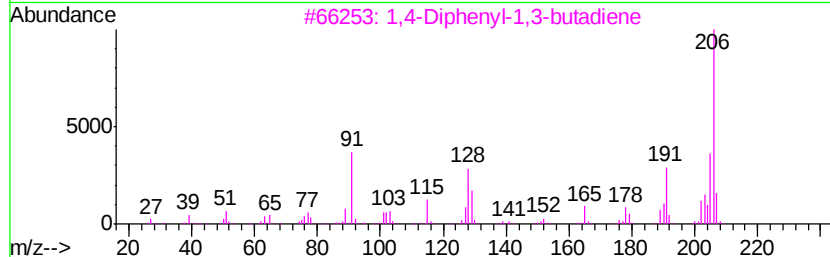
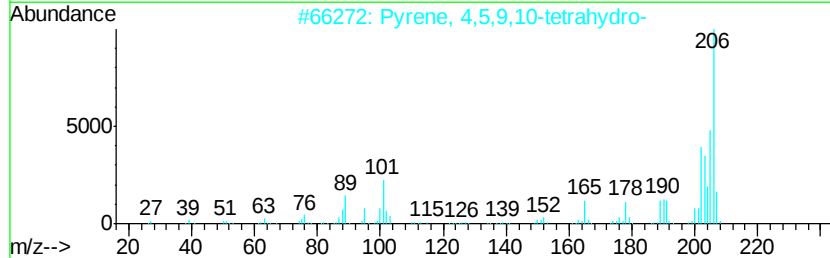
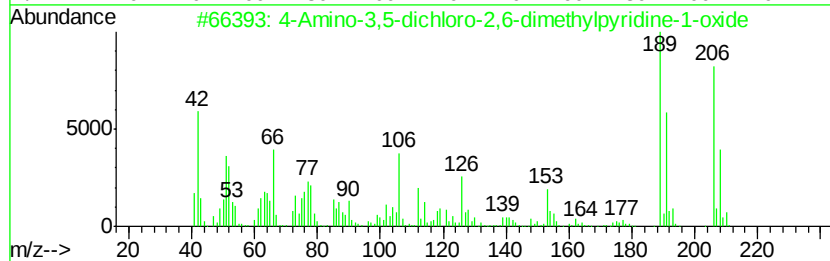
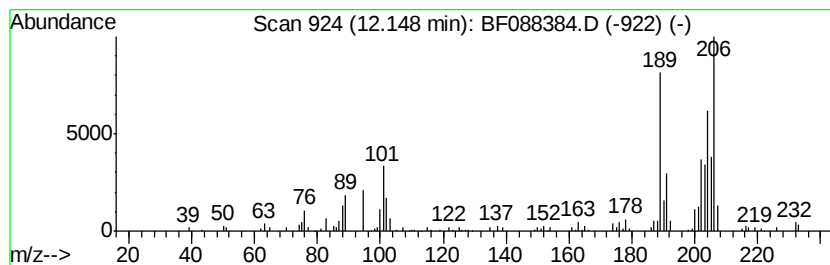
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Peak Number 6 unknown12.15 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	12.73 ng	290463	Phenanthrene-d10	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Amino-3,5-dichloro-2,6-dimethy...	206	C7H8Cl2N2O	1000227-19-9	43
2		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
4		2,10,10-Trimethyltricyclo[7.1.1....	204	C14H20O	1000210-81-9	38
5		3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088384.D
Acq On : 25 Jun 2016 18:41
Operator : UM/SJ
Sample : H3622-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1466(0-4)

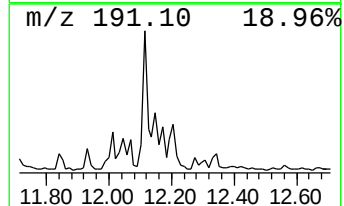
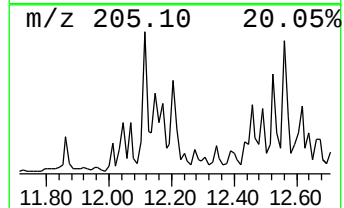
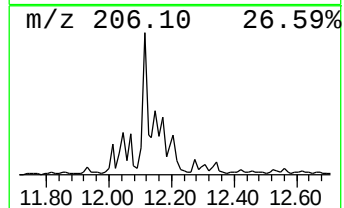
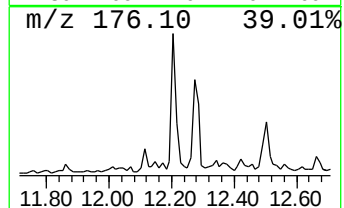
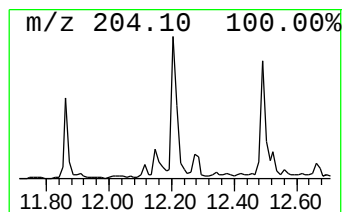
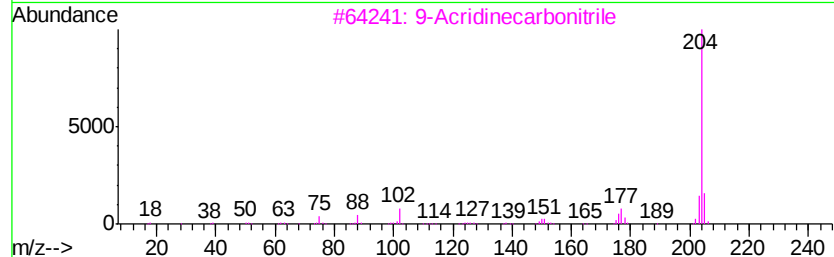
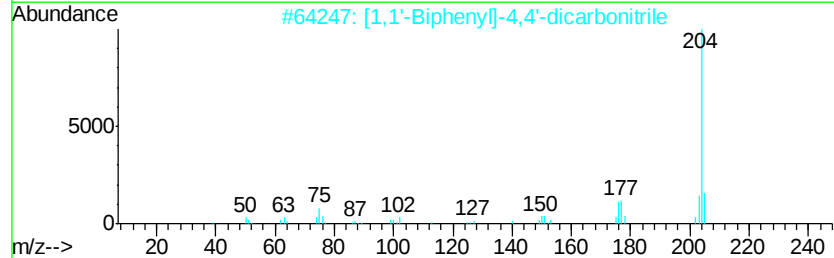
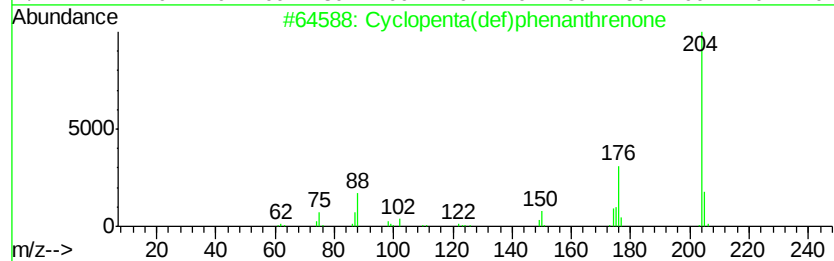
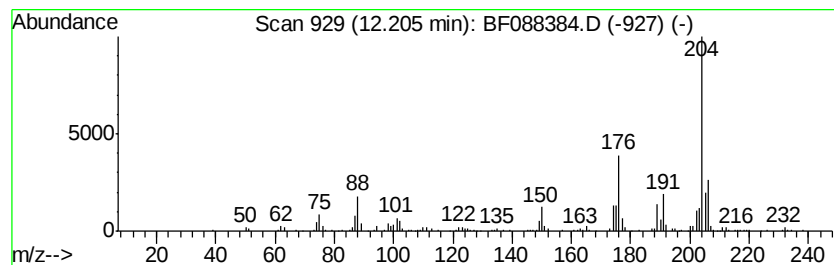
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	14.59 ng	332859	Phenanthrene-d10	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	38
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
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Acq On : 25 Jun 2016 18:41
Operator : UM/SJ
Sample : H3622-16
Misc :
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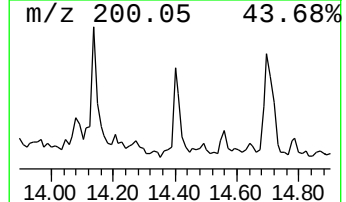
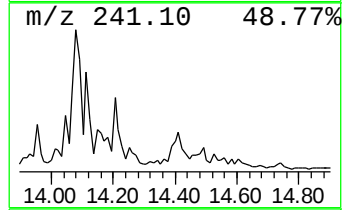
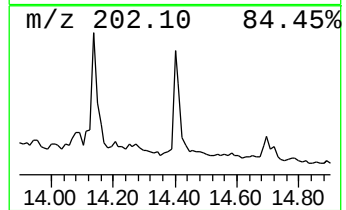
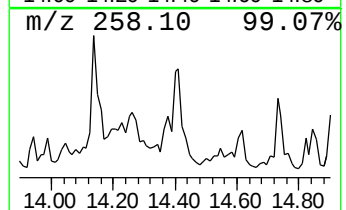
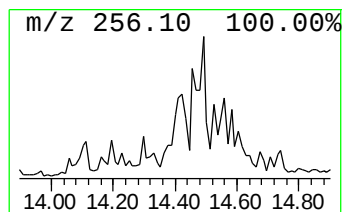
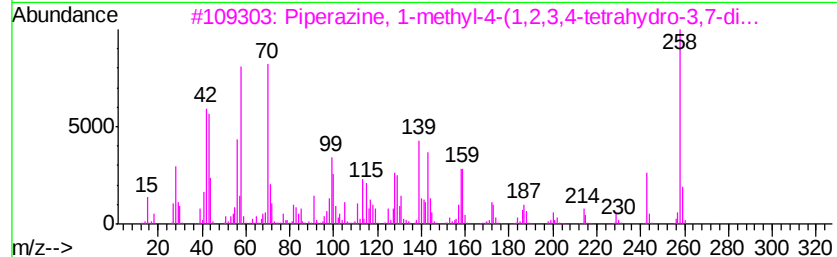
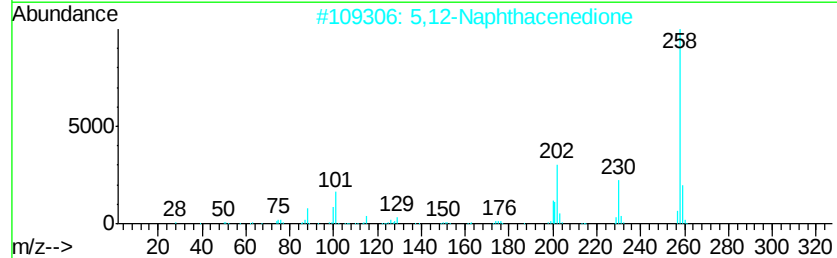
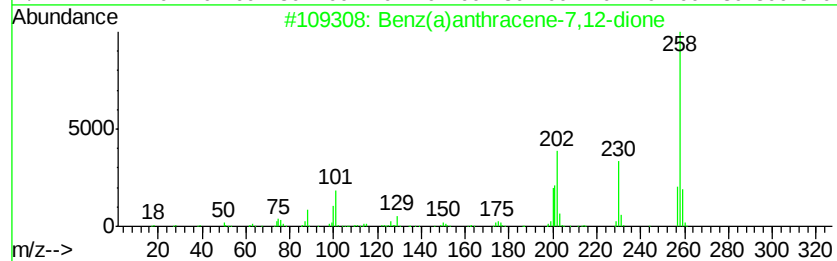
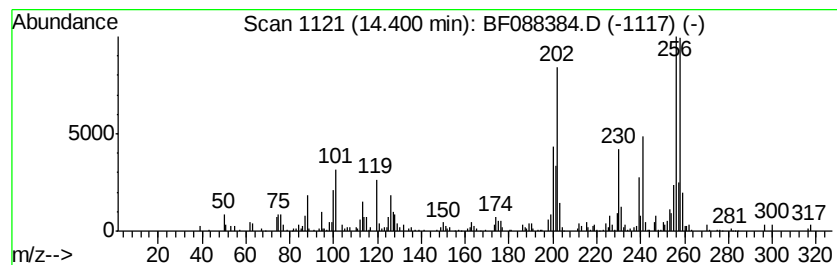
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benz(a)anthracene-7,12-dione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.40	30.99 ng	321564	Perylene-d12	15.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	91
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
3	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
4	Benz[alan]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	49
5	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088384.D
Acq On : 25 Jun 2016 18:41
Operator : UM/SJ
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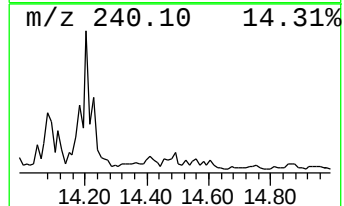
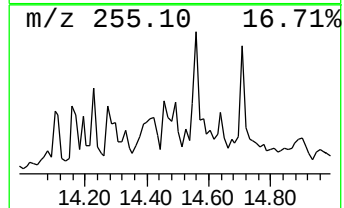
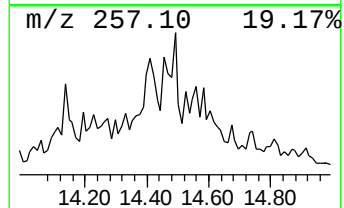
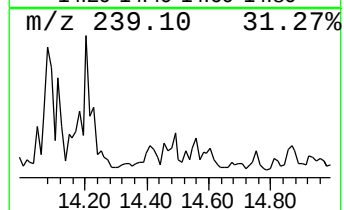
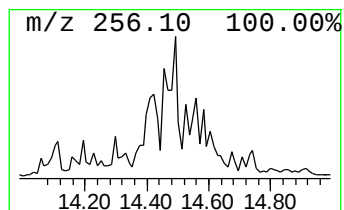
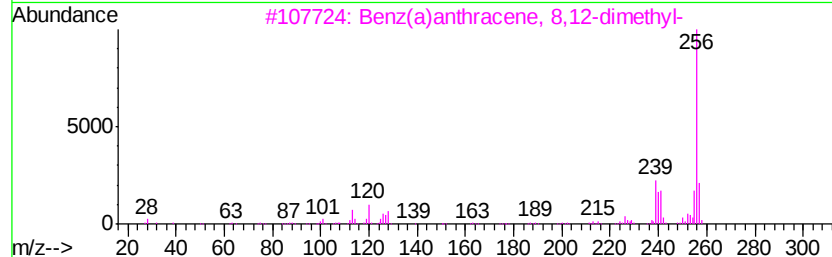
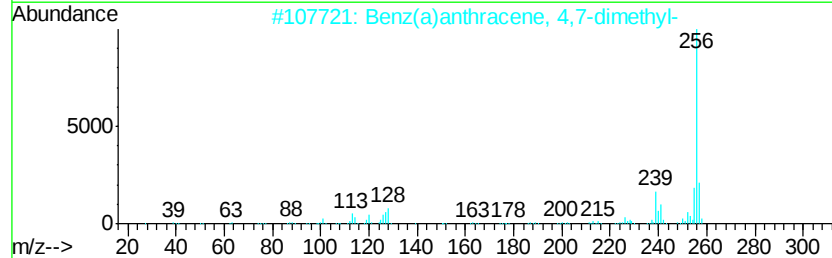
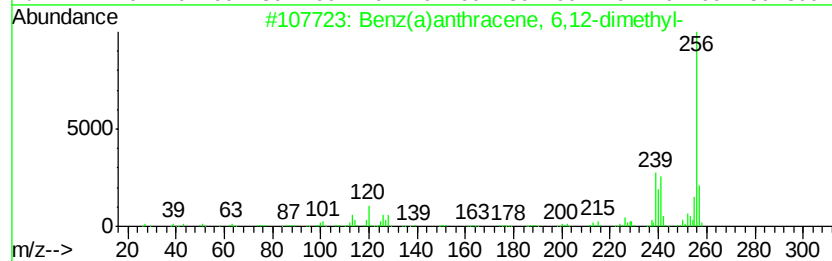
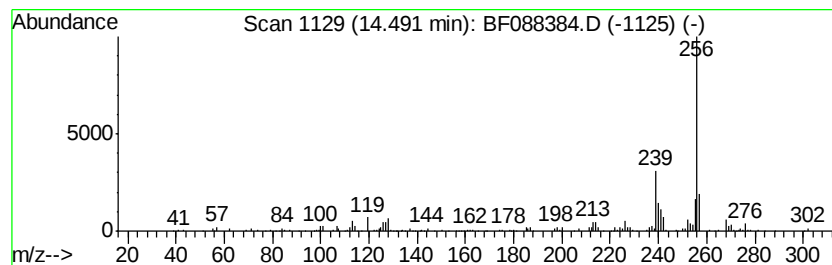
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benz(a)anthracene, 6,12-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	16.19 ng	167990	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	93
2		Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	91
3		Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	90
4		Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	89
5		3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088384.D
Acq On : 25 Jun 2016 18:41
Operator : UM/SJ
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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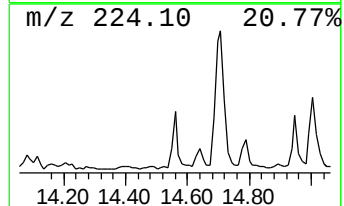
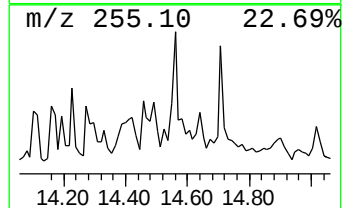
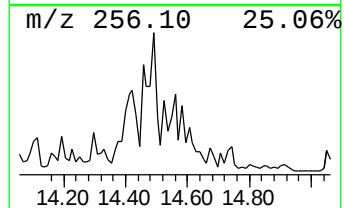
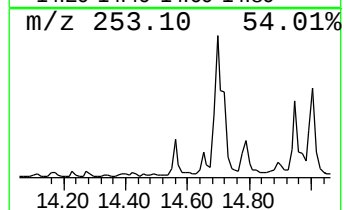
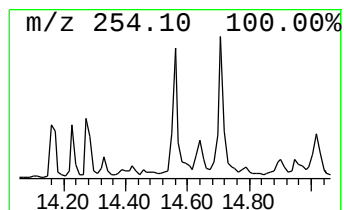
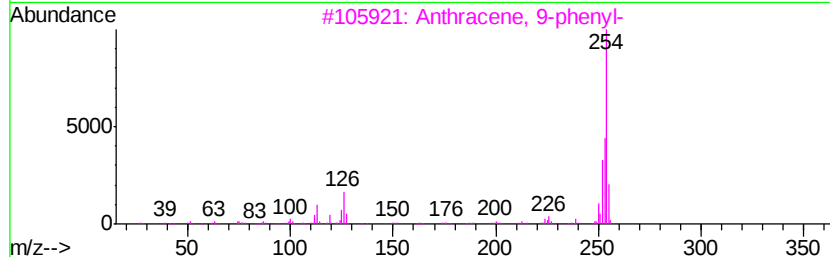
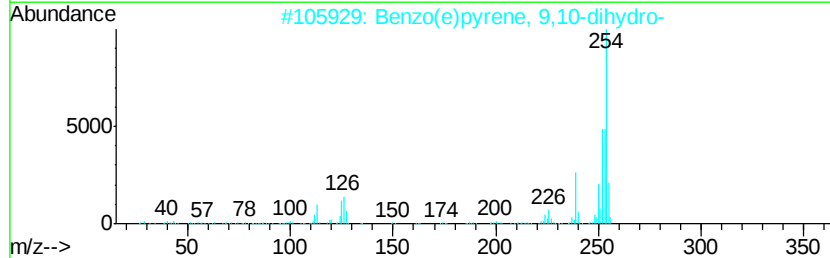
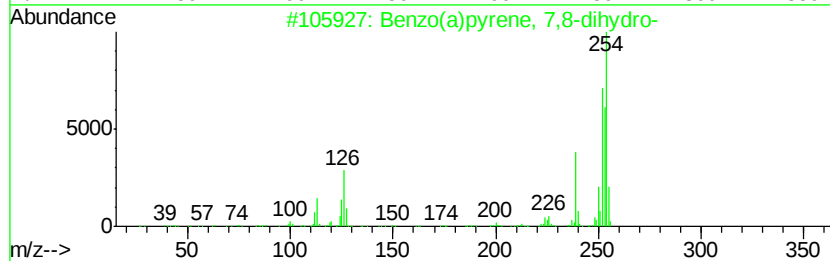
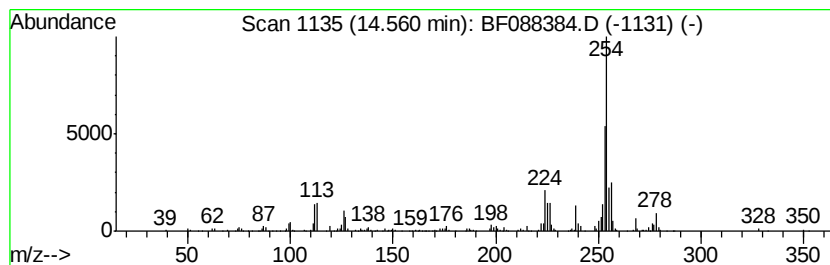
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo(a)pyrene, 7,8-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	28.98 ng	300699	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	83
2		Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	58
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
4		2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	49
5		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088384.D
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ALS Vial : 34 Sample Multiplier: 1

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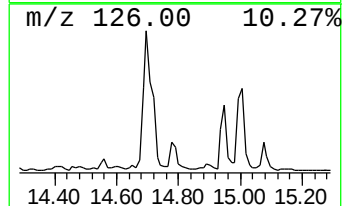
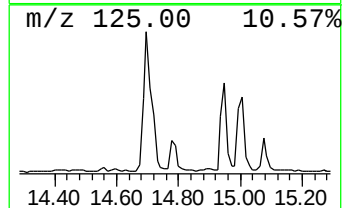
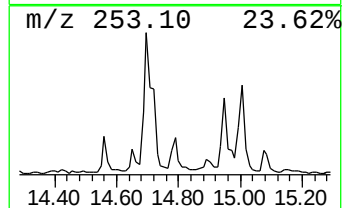
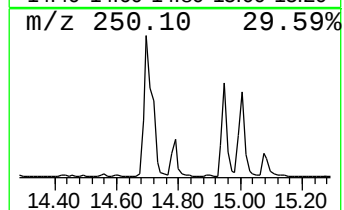
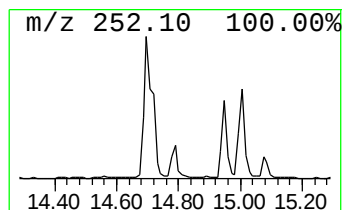
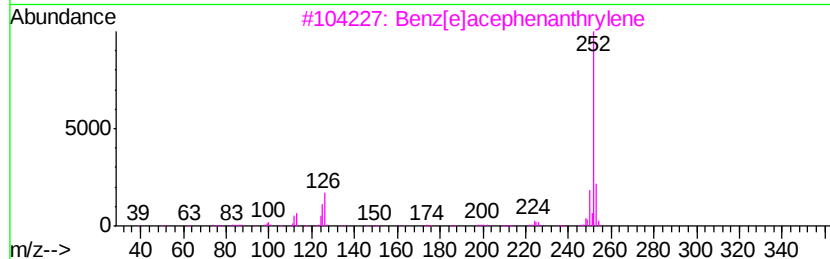
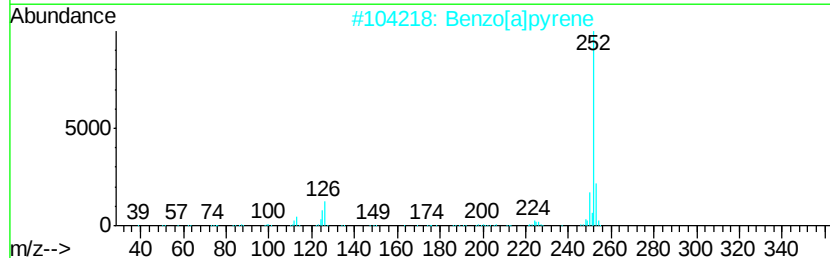
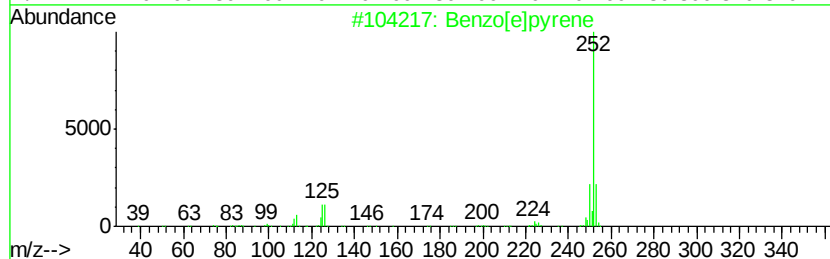
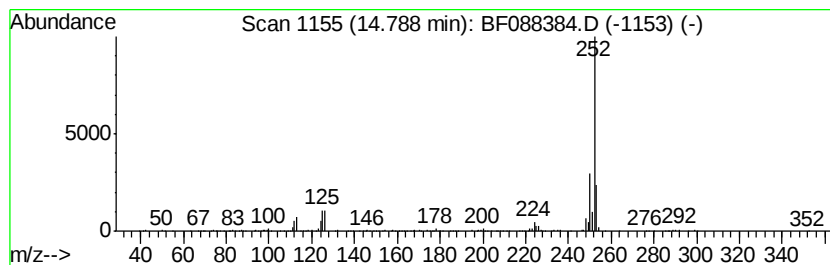
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	22.32 ng	231591	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
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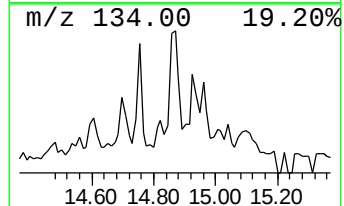
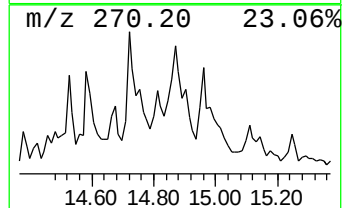
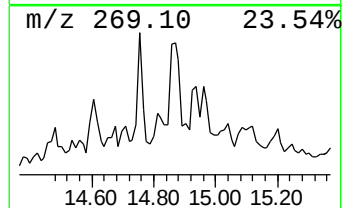
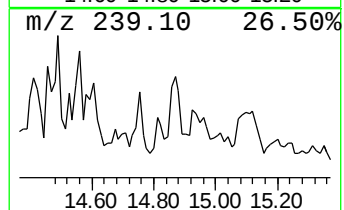
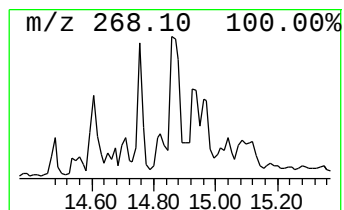
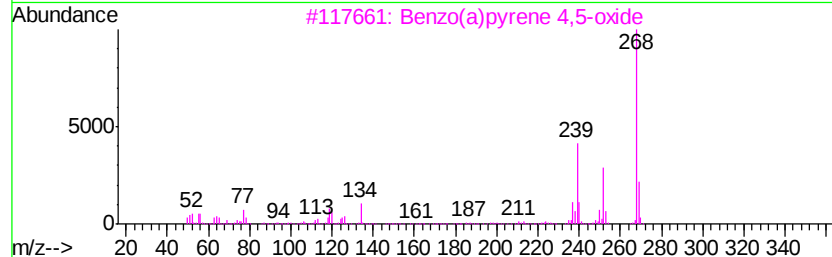
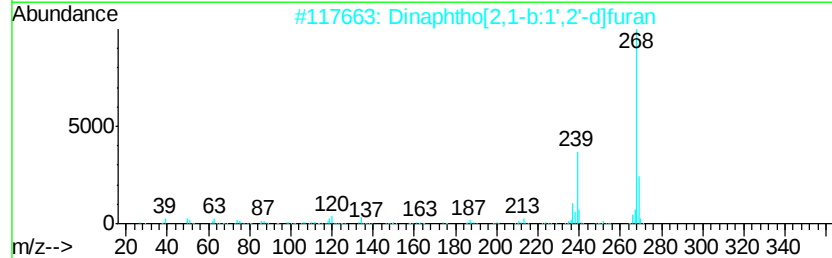
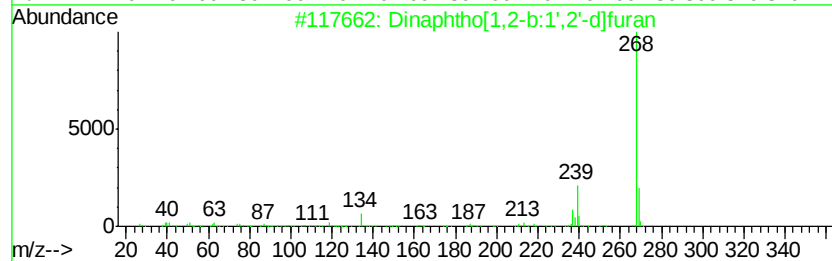
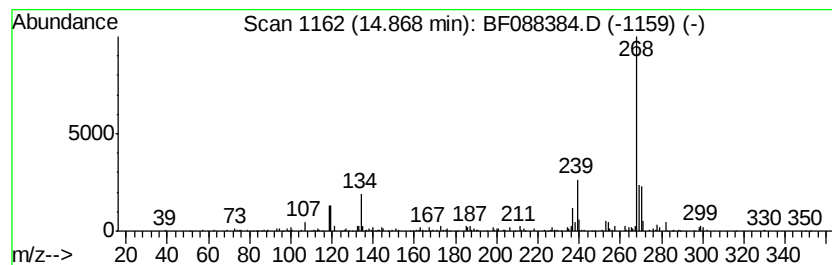
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	11.89 ng	123332	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	50
5		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
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ALS Vial : 34 Sample Multiplier: 1

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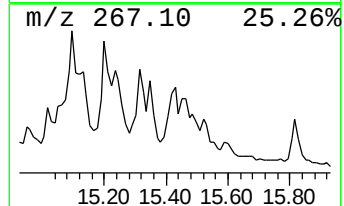
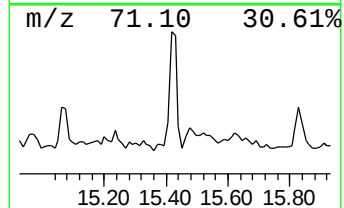
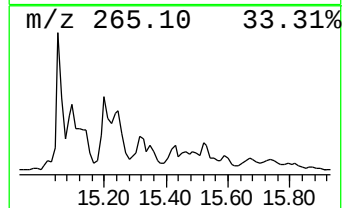
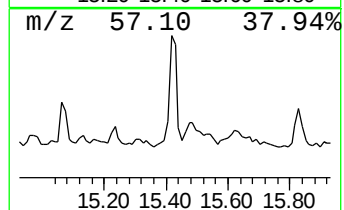
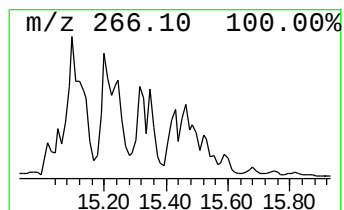
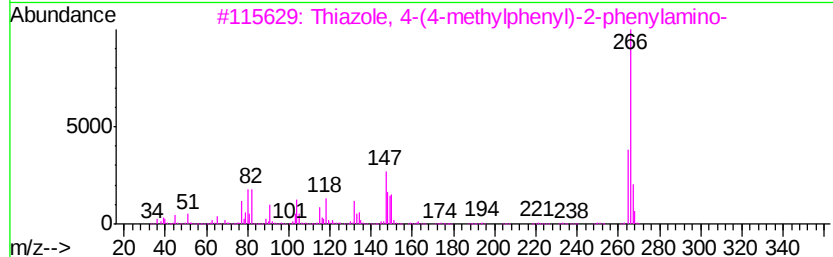
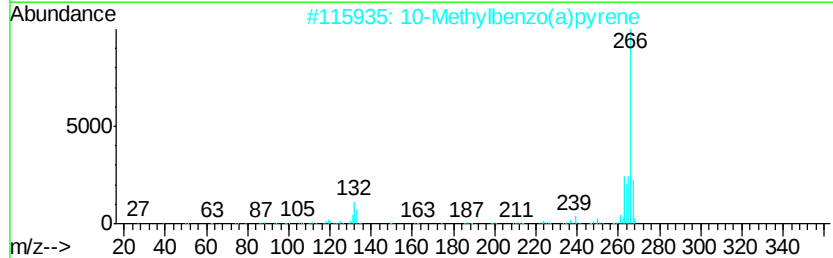
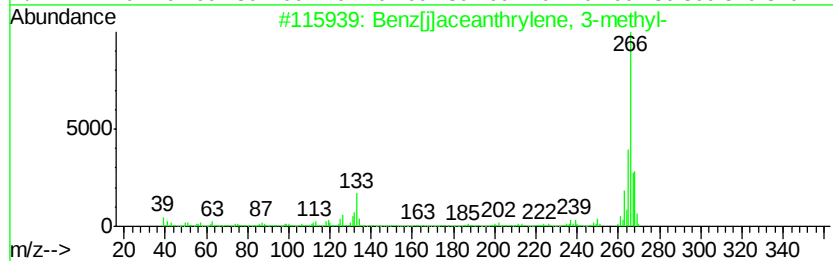
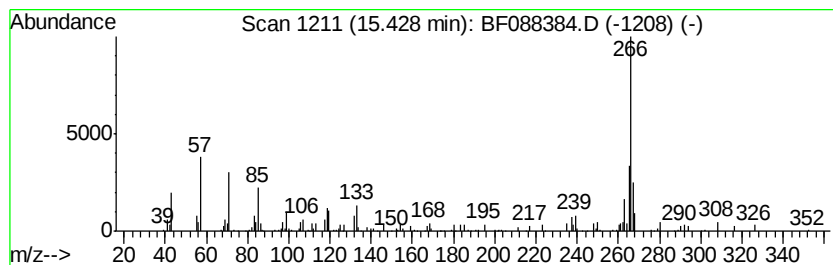
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz[j]aceanthrylene, 3-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	8.76 ng	90857	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	58
2		10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	58
3		Thiazole, 4-(4-methylphenyl)-2-p...	266	C16H14N2S	093020-56-5	58
4		Perylene, 3-methyl-	266	C21H14	024471-47-4	58
5		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088384.D
Acq On : 25 Jun 2016 18:41
Operator : UM/SJ
Sample : H3622-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1466(0-4)

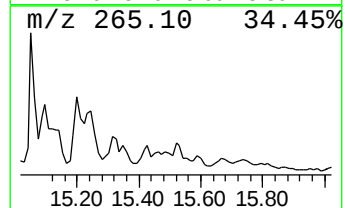
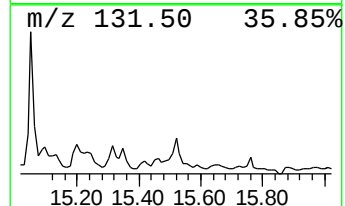
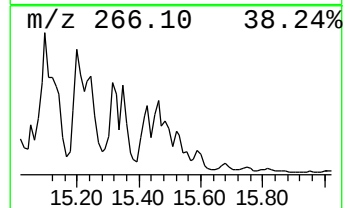
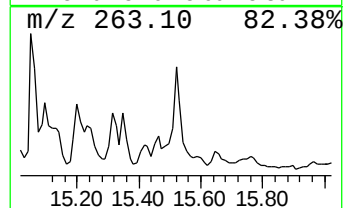
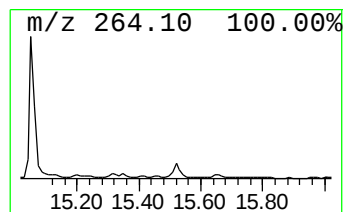
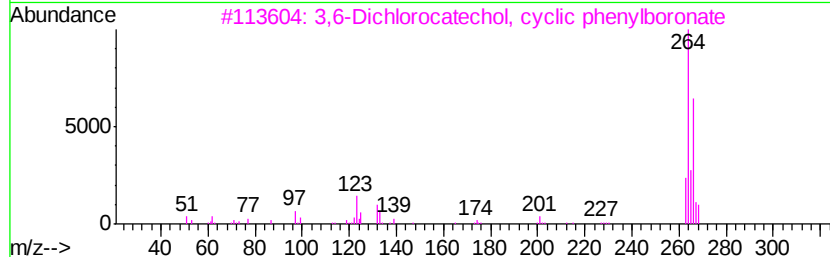
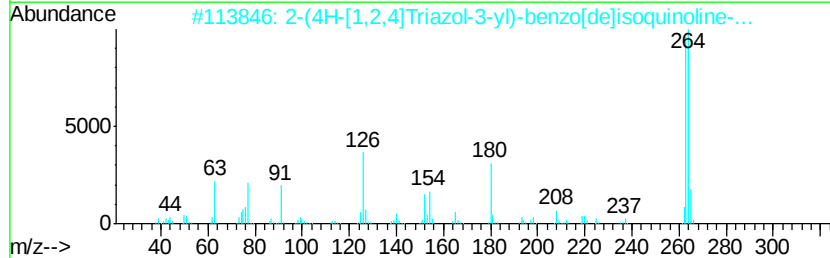
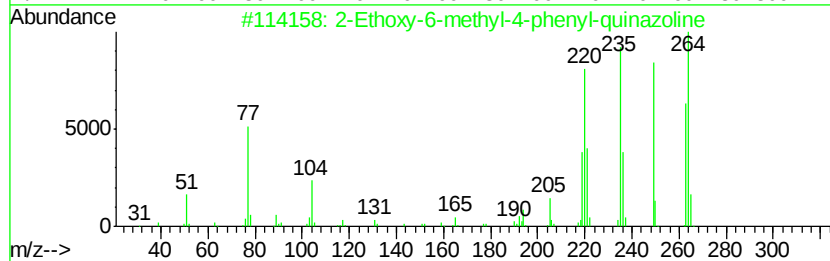
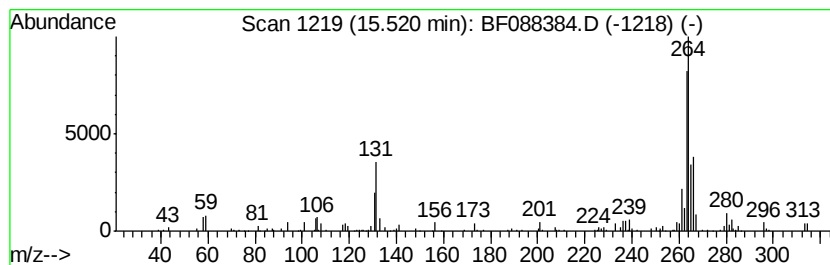
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.52 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	7.79 ng	80815	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	46
2		2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	28
3		3,6-Dichlorocatechol, cyclic phe...	264	C12H7BCl2O2	1000293-25-1	27
4		1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	27
5		10H-Phenothiazine, 2-chloro-7-me...	263	C13H10ClNOS	001730-44-5	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
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Acq On : 25 Jun 2016 18:41
Operator : UM/SJ
Sample : H3622-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SC-STA-1466(0-4)

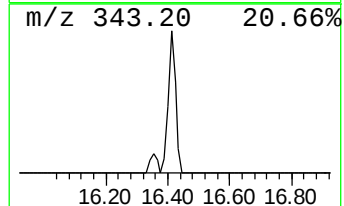
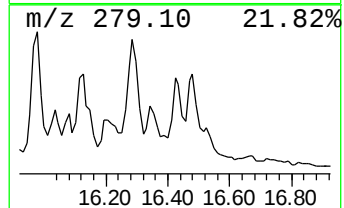
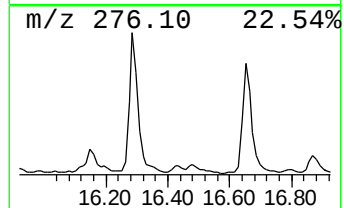
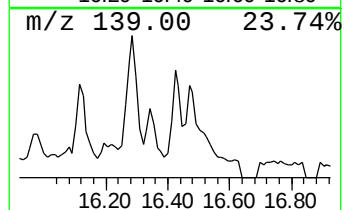
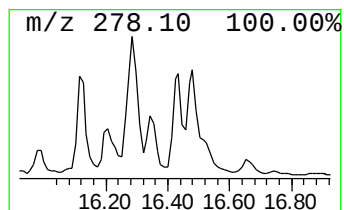
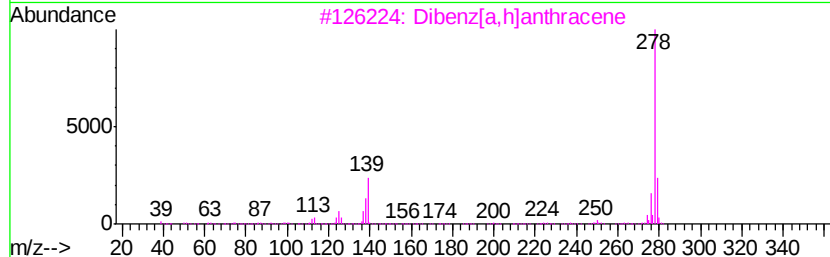
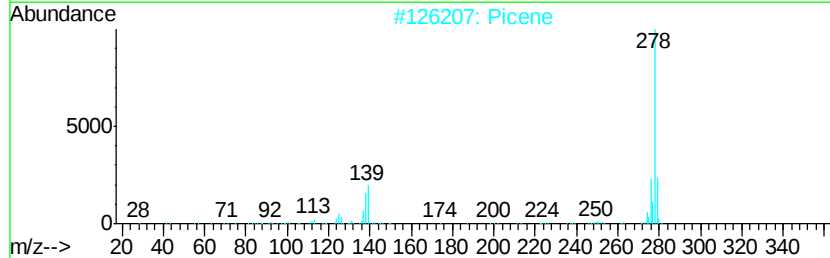
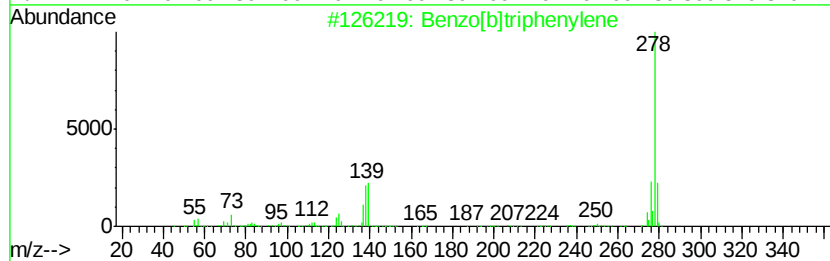
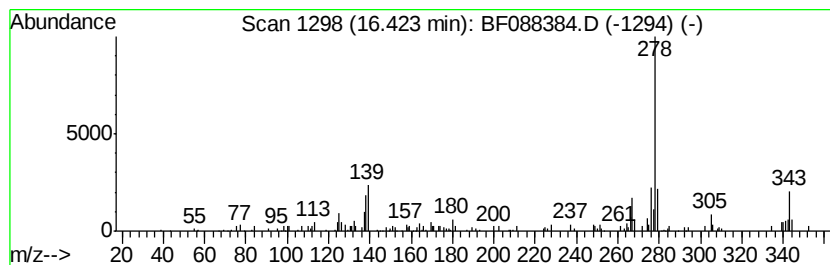
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	13.92 ng	144404	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		Picene	278	C22H14	000213-46-7	96
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	92
4		Benzo[b]chrysene	278	C22H14	000214-17-5	64
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088384.D
Acq On : 25 Jun 2016 18:41
Operator : UM/SJ
Sample : H3622-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SC-STA-1466(0-4)

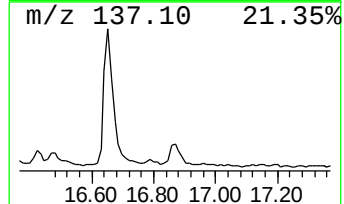
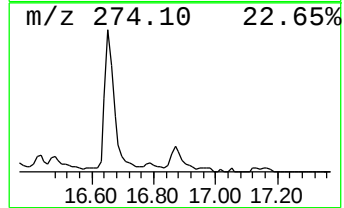
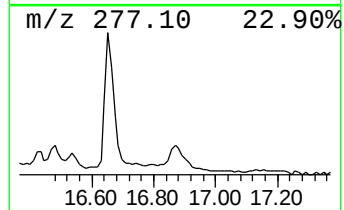
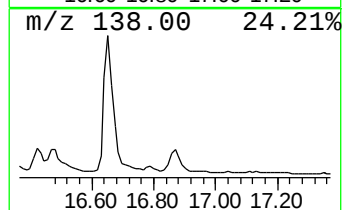
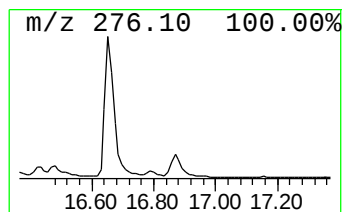
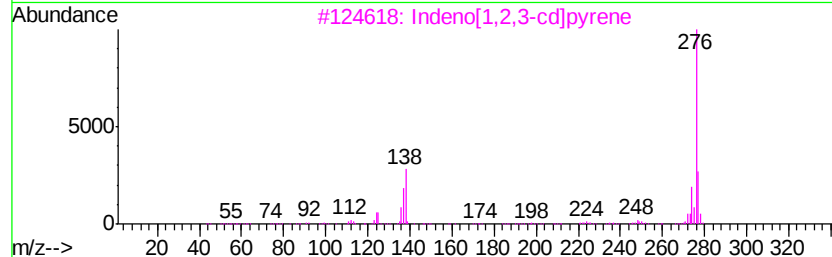
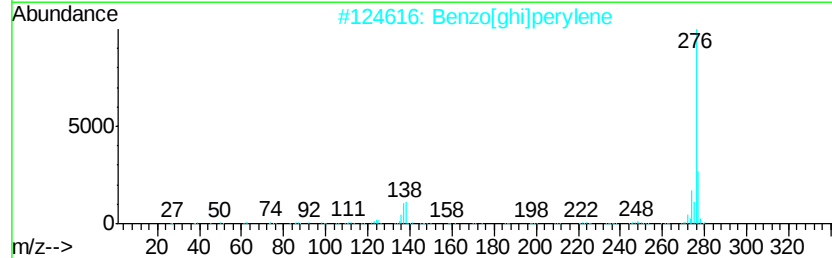
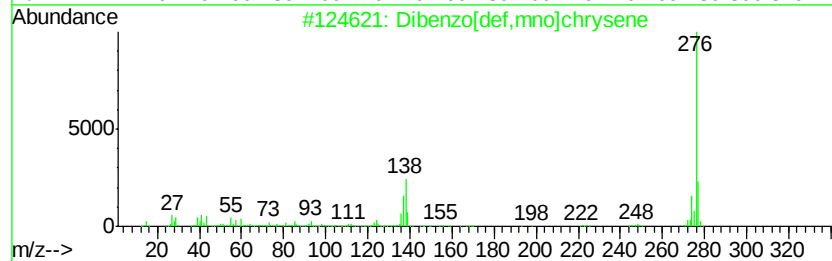
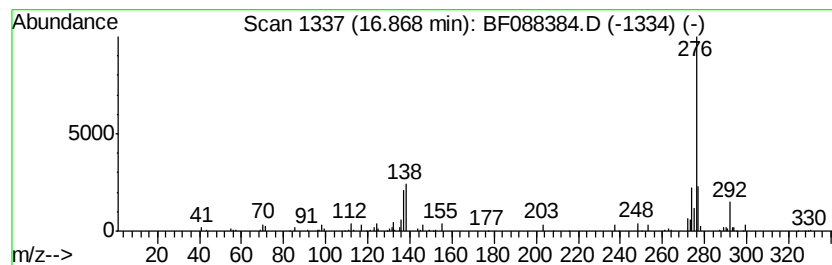
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	9.50 ng	98600	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	91
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	68
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088384.D
Acq On : 25 Jun 2016 18:41
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Sample : H3622-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SC-STA-1466(0-4)

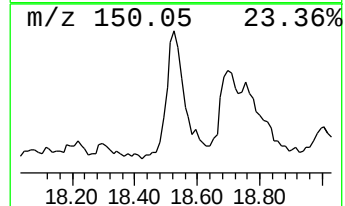
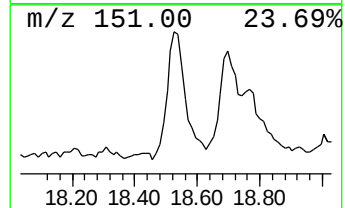
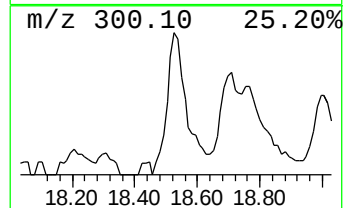
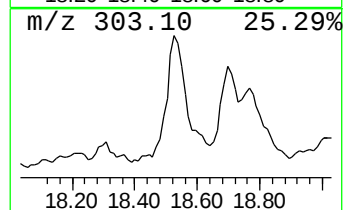
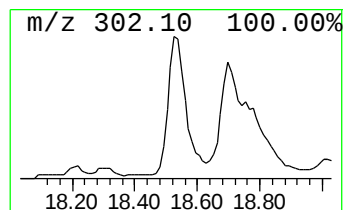
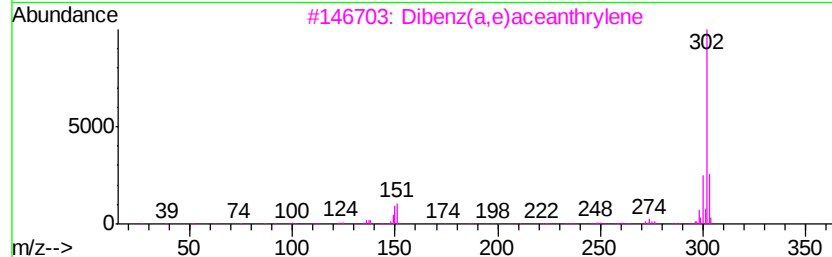
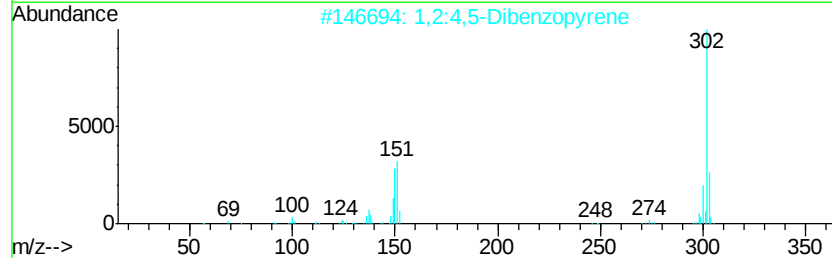
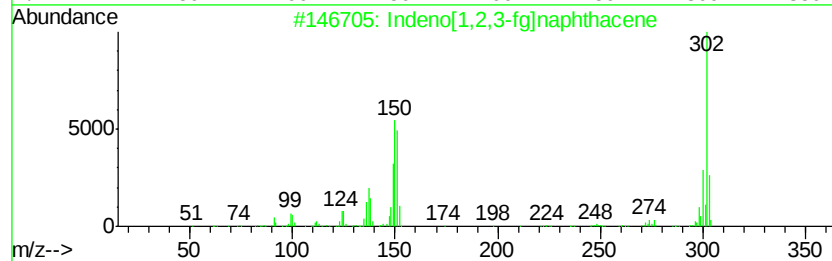
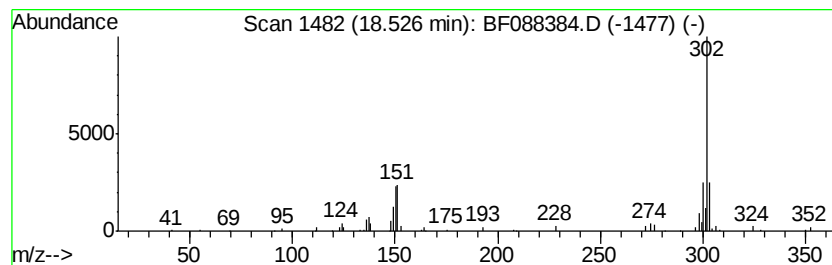
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Indeno[1,2,3-fg]naphthacene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	15.95 ng	165540	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
4		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	89
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088384.D
Acq On : 25 Jun 2016 18:41
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Sample : H3622-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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SC-STA-1466(0-4)

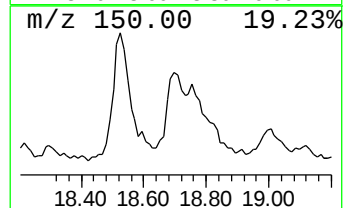
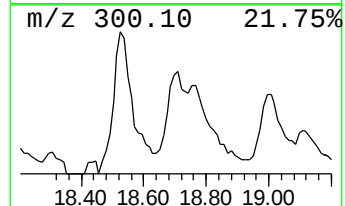
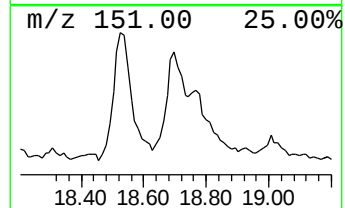
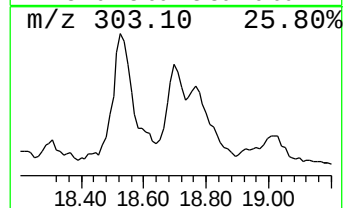
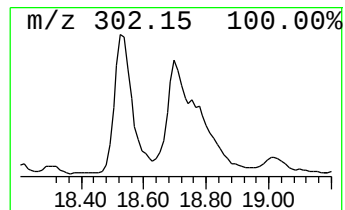
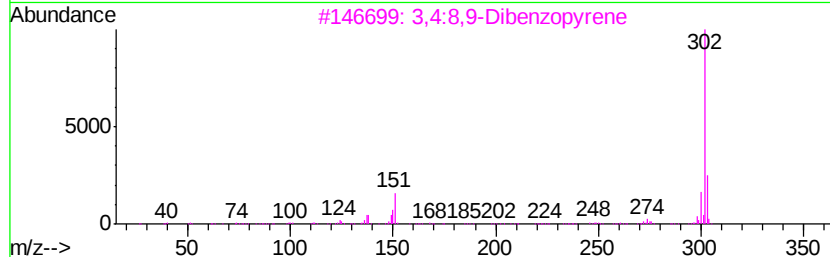
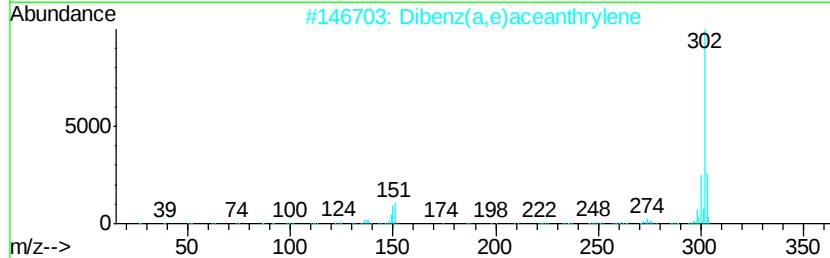
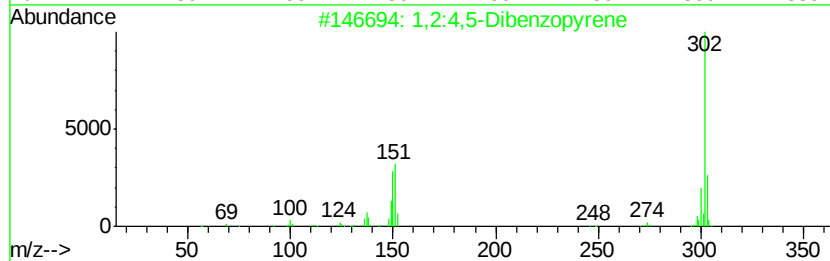
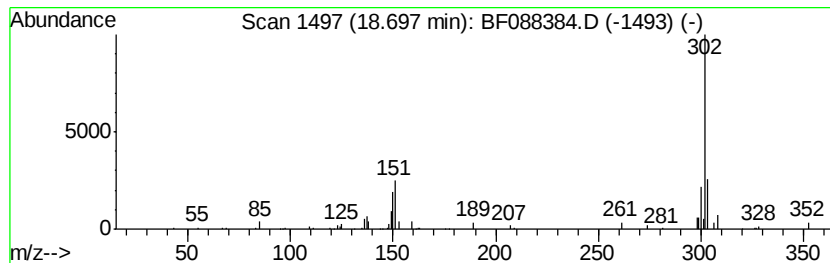
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	10.17 ng	105522	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	76
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	68
4		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	68
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
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 Acq On : 25 Jun 2016 18:41
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 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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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
4H-Cyclopenta[def...	11.68	21.5	ng	490917	4	11.06	456252	20.0
Phenanthrene, 2,5...	12.11	14.7	ng	334324	4	11.06	456252	20.0
unknown12.15	12.15	12.7	ng	290463	4	11.06	456252	20.0
Cyclopenta(def)ph...	12.21	14.6	ng	332859	4	11.06	456252	20.0
Benz(a)anthracene...	14.40	31.0	ng	321564	6	15.05	207513	20.0
Benz(a)anthracene...	14.49	16.2	ng	167990	6	15.05	207513	20.0
Benzo(a)pyrene, 7...	14.56	29.0	ng	300699	6	15.05	207513	20.0
Benzo[e]pyrene	14.79	22.3	ng	231591	6	15.05	207513	20.0
Dinaphtho[1,2-b:1...	14.87	11.9	ng	123332	6	15.05	207513	20.0
Benz[j]aceanthryl...	15.43	8.8	ng	90857	6	15.05	207513	20.0
unknown15.52	15.52	7.8	ng	80815	6	15.05	207513	20.0
Benzo[b]triphenylene	16.42	13.9	ng	144404	6	15.05	207513	20.0
Dibenzo[def,mno]c...	16.87	9.5	ng	98600	6	15.05	207513	20.0
Indeno[1,2,3-fg]n...	18.53	15.9	ng	165540	6	15.05	207513	20.0
1,2:4,5-Dibenzopy...	18.70	10.2	ng	105522	6	15.05	207513	20.0