

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088428.D
 Acq On : 26 Jun 2016 19:55
 Operator : UM/SJ
 Sample : H3663-15 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-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	1.690	8	9	44	rVB	705266	1540998	53.89%	4.176%
2	4.639	266	267	281	rBV	85415	158150	5.53%	0.429%
3	5.130	307	310	330	rBV	306963	622465	21.77%	1.687%
4	6.204	403	404	412	rBV	349997	640687	22.40%	1.736%
5	6.319	412	414	430	rVV	604792	751666	26.29%	2.037%
6	6.547	432	434	445	rVV	370878	424548	14.85%	1.150%
7	6.696	445	447	462	rVB	510234	547602	19.15%	1.484%
8	7.119	482	484	502	rBV	366867	448650	15.69%	1.216%
9	7.827	544	546	559	rBV	391896	633918	22.17%	1.718%
10	8.913	638	641	643	rBV	722833	775216	27.11%	2.101%
11	9.313	674	676	678	rBV	113535	91836	3.21%	0.249%
12	9.576	697	699	701	rBV	765270	721430	25.23%	1.955%
13	9.611	701	702	704	rVB	293016	212288	7.42%	0.575%
14	9.782	715	717	719	rBV	59610	57681	2.02%	0.156%
15	10.125	745	747	750	rBV	101999	109112	3.82%	0.296%
16	10.365	765	768	771	rBV	445907	446925	15.63%	1.211%
17	10.799	803	806	811	rBV2	12124	41242	1.44%	0.112%
18	10.868	811	812	814	rVV	40681	39132	1.37%	0.106%
19	10.913	814	816	817	rVV	42302	46269	1.62%	0.125%
20	10.948	817	819	823	rVB	81079	94428	3.30%	0.256%
21	11.073	826	830	833	rBV2	1111555	1862223	65.12%	5.046%
22	11.131	833	835	837	rVV	291743	323841	11.32%	0.877%
23	11.165	837	838	846	rVB2	35847	74670	2.61%	0.202%
24	11.291	846	849	853	rBV2	133008	218434	7.64%	0.592%
25	11.554	870	872	873	rBV	126111	122180	4.27%	0.331%
26	11.576	873	874	877	rVV	150009	172660	6.04%	0.468%
27	11.622	877	878	880	rVV	48799	68508	2.40%	0.186%
28	11.656	880	881	887	rVB	244106	350623	12.26%	0.950%
29	11.851	896	898	900	rBV	74040	83989	2.94%	0.228%
30	12.102	918	920	921	rBV	57605	70618	2.47%	0.191%
31	12.136	921	923	926	rVB3	29970	64928	2.27%	0.176%
32	12.194	926	928	931	rVB2	83495	98736	3.45%	0.268%
33	12.262	931	934	937	rBV	1850708	1941390	67.89%	5.260%
34	12.331	937	940	941	rVB2	30025	43905	1.54%	0.119%

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35	12.411	944	947	948	rBV	75045	98418	3.44%	0.267%
36	12.491	951	954	956	rBV	1615249	2193035	76.69%	5.942%
37	12.537	956	958	962	rVB	97299	137914	4.82%	0.374%
38	12.628	962	966	970	rBV3	533880	801389	28.02%	2.171%
39	12.708	970	973	975	rBV2	103570	177659	6.21%	0.481%
40	12.811	978	982	984	rBV	251398	414730	14.50%	1.124%
41	12.879	984	988	989	rBV	183479	178503	6.24%	0.484%
42	12.914	989	991	995	rVB2	193231	273853	9.58%	0.742%
43	13.005	997	999	1000	rBV	108514	88423	3.09%	0.240%
44	13.039	1000	1002	1006	rVB2	87160	123760	4.33%	0.335%
45	13.108	1006	1008	1012	rVB3	32430	52992	1.85%	0.144%
46	13.234	1012	1019	1020	rBV3	69695	145547	5.09%	0.394%
47	13.291	1023	1024	1026	rBV2	25283	41713	1.46%	0.113%
48	13.325	1026	1027	1030	rVB	157465	152546	5.33%	0.413%
49	13.428	1033	1036	1039	rBV3	247881	472984	16.54%	1.282%
50	13.474	1039	1040	1044	rVB3	141887	284494	9.95%	0.771%
51	13.542	1044	1046	1048	rVB	155813	168777	5.90%	0.457%
52	13.599	1048	1051	1054	rVB	59035	76033	2.66%	0.206%
53	13.679	1054	1058	1059	rBV2	1085890	2092917	73.19%	5.671%
54	13.714	1059	1061	1063	rVV	1336972	1653547	57.82%	4.481%
55	13.782	1065	1067	1069	rVV	220919	208107	7.28%	0.564%
56	13.839	1069	1072	1075	rVV3	62798	169223	5.92%	0.459%
57	13.885	1075	1076	1078	rVV2	116679	203969	7.13%	0.553%
58	13.919	1078	1079	1083	rVB2	113748	130742	4.57%	0.354%
59	14.068	1087	1092	1093	rBV2	207388	415265	14.52%	1.125%
60	14.102	1093	1095	1096	rVV2	98533	133387	4.66%	0.361%
61	14.160	1096	1100	1101	rVV4	94843	229980	8.04%	0.623%
62	14.205	1101	1104	1106	rVV3	129747	265257	9.28%	0.719%
63	14.262	1106	1109	1112	rVB2	88238	160103	5.60%	0.434%
64	14.388	1115	1120	1123	rBV4	92008	216835	7.58%	0.588%
65	14.434	1123	1124	1129	rVB4	36823	91371	3.20%	0.248%
66	14.537	1131	1133	1136	rBV	110653	165100	5.77%	0.447%
67	14.582	1136	1137	1139	rVV2	35469	39346	1.38%	0.107%
68	14.640	1139	1142	1143	rVV2	43129	74558	2.61%	0.202%
69	14.685	1143	1146	1150	rVV	1379892	2859626	100.00%	7.749%
70	14.765	1152	1153	1158	rVV	243173	277127	9.69%	0.751%
71	14.845	1158	1160	1162	rVV2	82217	198538	6.94%	0.538%

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72	14.925	1165	1167	1170	rVV	769970	1265378	44.25%	3.429%
73	14.982	1170	1172	1175	rVV	870467	1306326	45.68%	3.540%
74	15.028	1175	1176	1178	rVV	302433	554687	19.40%	1.503%
75	15.062	1178	1179	1183	rVV	343109	443628	15.51%	1.202%
76	15.177	1187	1189	1191	rVV	56842	101595	3.55%	0.275%
77	15.222	1191	1193	1197	rVV2	63013	124760	4.36%	0.338%
78	15.405	1206	1209	1210	rVV	46135	97725	3.42%	0.265%
79	15.463	1210	1214	1215	rVV2	47220	142475	4.98%	0.386%
80	15.497	1215	1217	1222	rVV	79808	159294	5.57%	0.432%
81	15.623	1226	1228	1233	rBV3	23602	57272	2.00%	0.155%
82	15.771	1239	1241	1245	rVB4	21797	52275	1.83%	0.142%
83	15.954	1254	1257	1259	rVV	24427	46099	1.61%	0.125%
84	16.000	1259	1261	1264	rVB2	36322	67566	2.36%	0.183%
85	16.091	1266	1269	1270	rBV2	67788	110995	3.88%	0.301%
86	16.125	1270	1272	1275	rVB	52118	82175	2.87%	0.223%
87	16.263	1281	1284	1288	rBV	446259	826094	28.89%	2.238%
88	16.400	1293	1296	1298	rBV	94814	182046	6.37%	0.493%
89	16.445	1298	1300	1304	rVB2	69252	129102	4.51%	0.350%
90	16.628	1313	1316	1323	rBV	328806	682287	23.86%	1.849%
91	16.754	1325	1327	1330	rVV3	19925	40926	1.43%	0.111%
92	16.834	1331	1334	1340	rVB	83268	201520	7.05%	0.546%
93	17.257	1369	1371	1378	rVB3	13560	50980	1.78%	0.138%
94	17.394	1380	1383	1386	rVV4	18554	56461	1.97%	0.153%
95	17.463	1387	1389	1396	rVV7	18373	52430	1.83%	0.142%
96	17.611	1398	1402	1414	rVB5	19632	101309	3.54%	0.275%
97	18.491	1473	1479	1489	rBV	64949	277659	9.71%	0.752%
98	18.663	1489	1494	1497	rBV	45510	158710	5.55%	0.430%
99	18.960	1516	1520	1528	rVB3	18189	66399	2.32%	0.180%
100	19.451	1558	1563	1566	rBV2	27094	98178	3.43%	0.266%

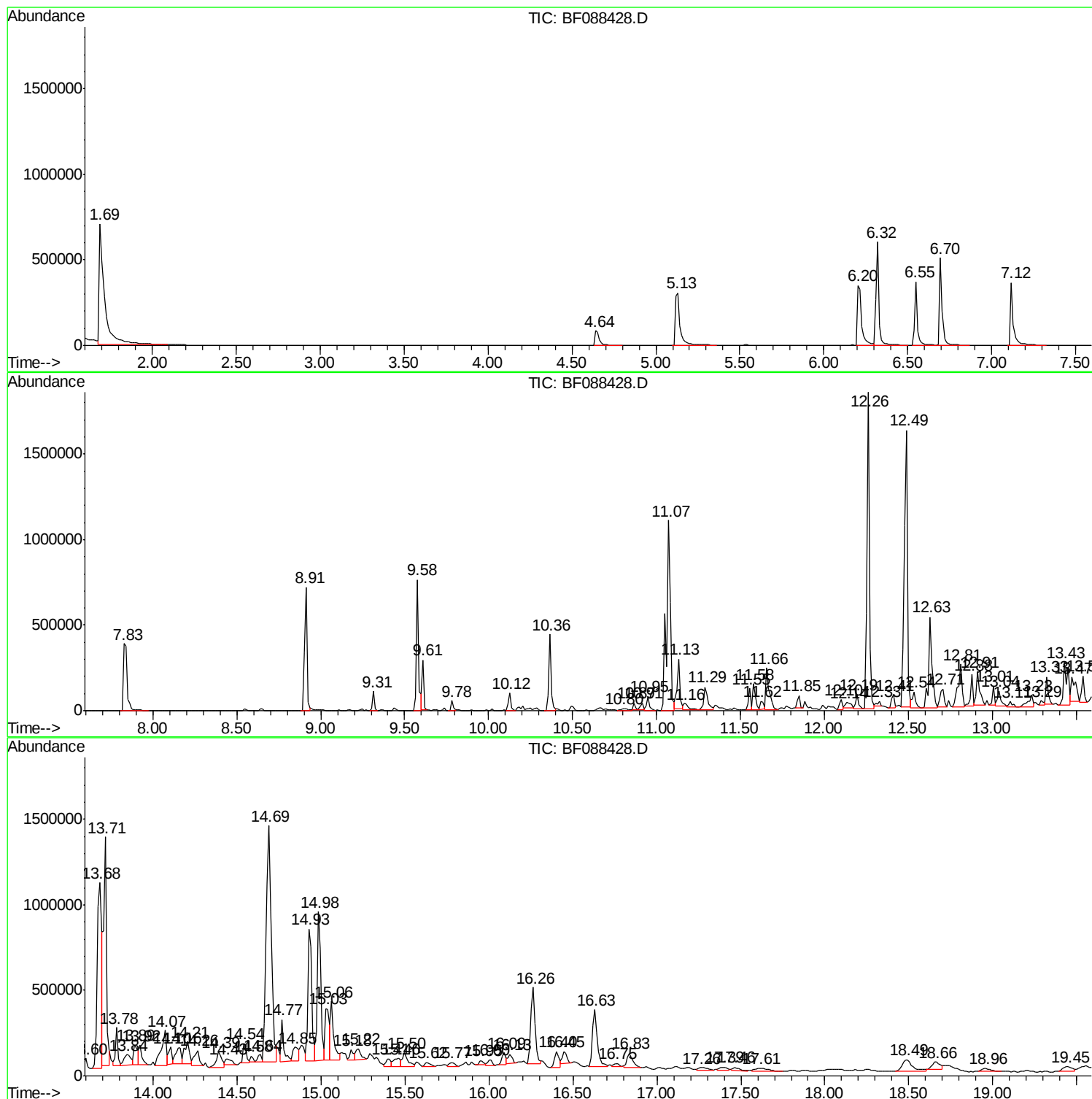
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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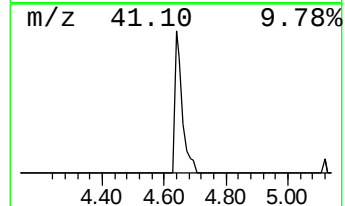
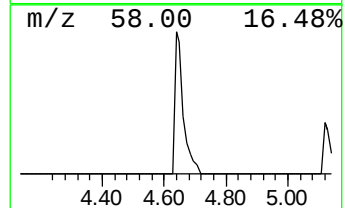
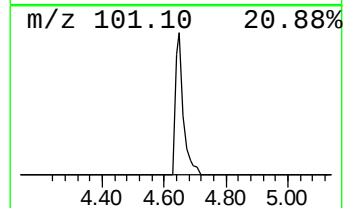
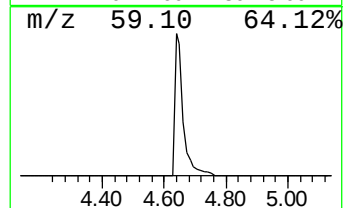
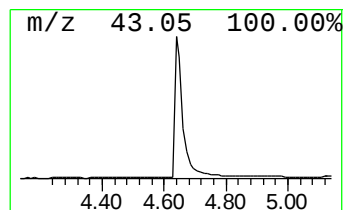
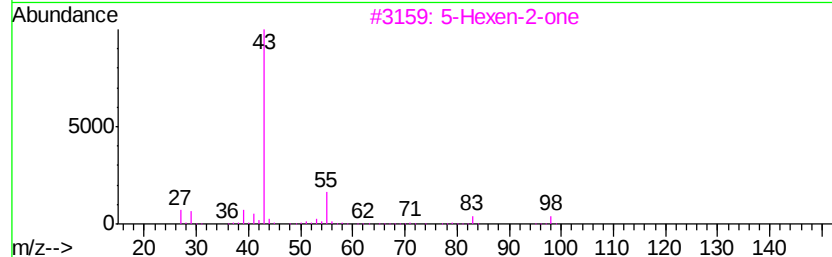
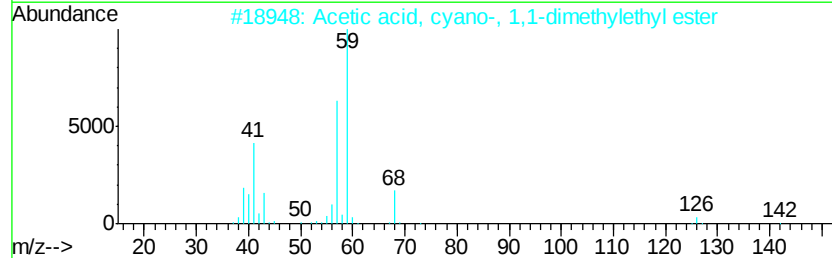
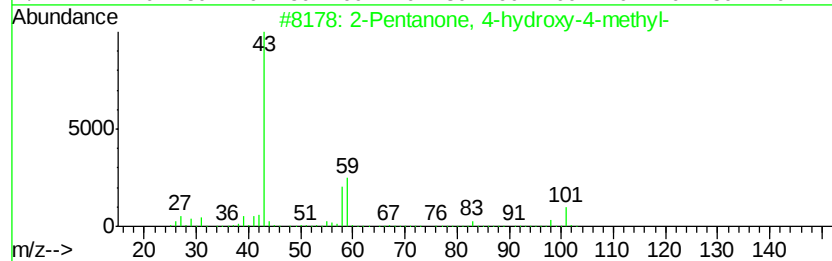
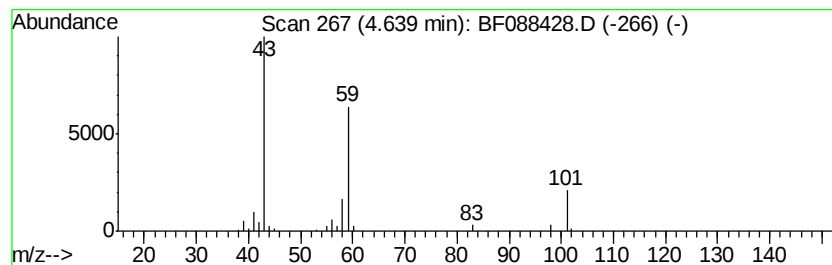
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	7.45 ng	158150	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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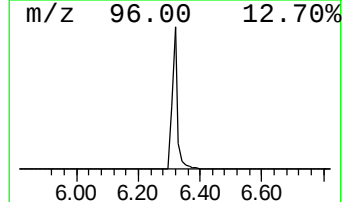
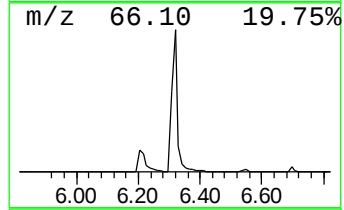
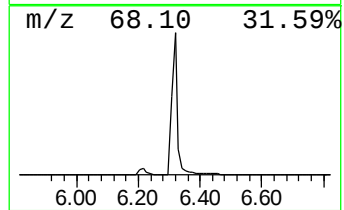
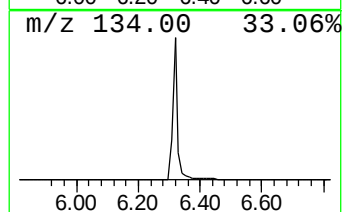
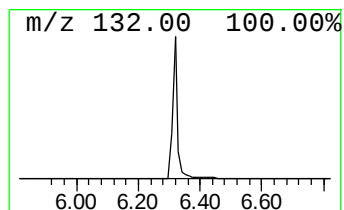
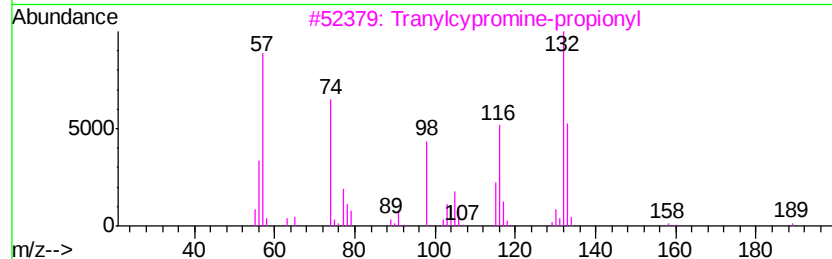
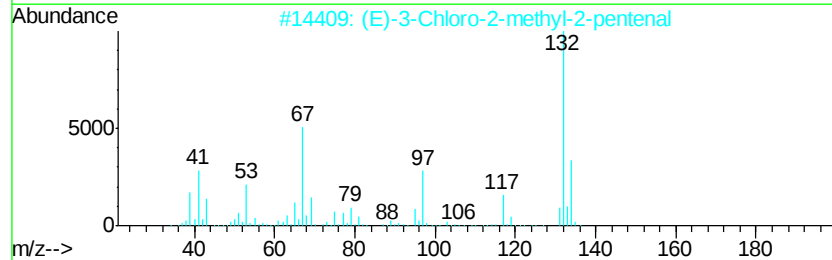
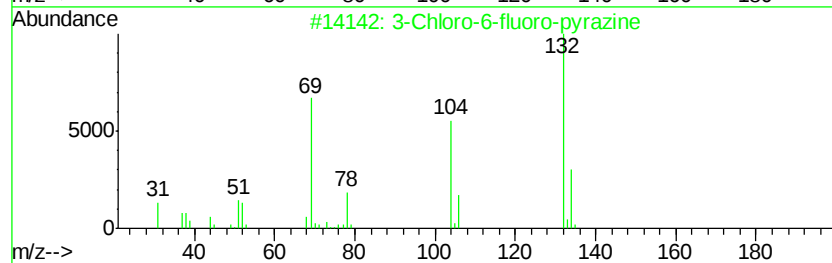
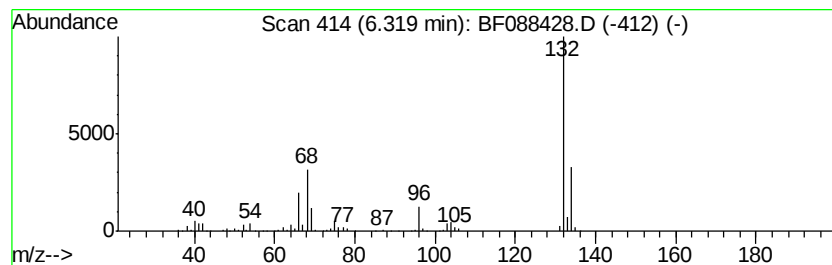
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	35.41 ng	751666	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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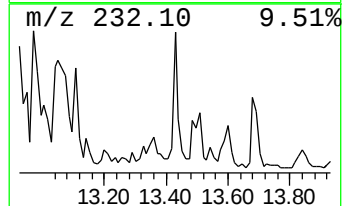
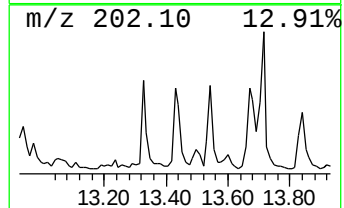
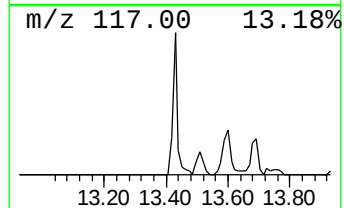
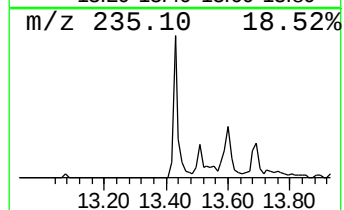
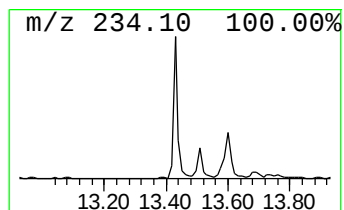
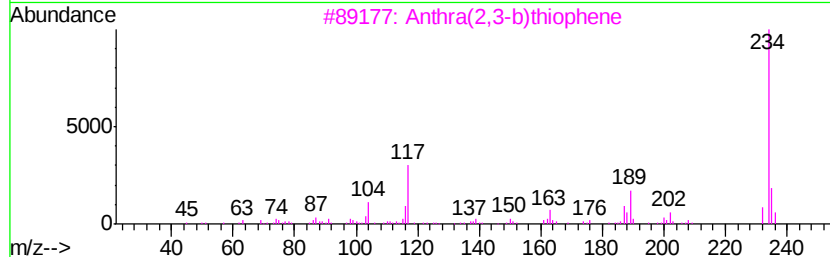
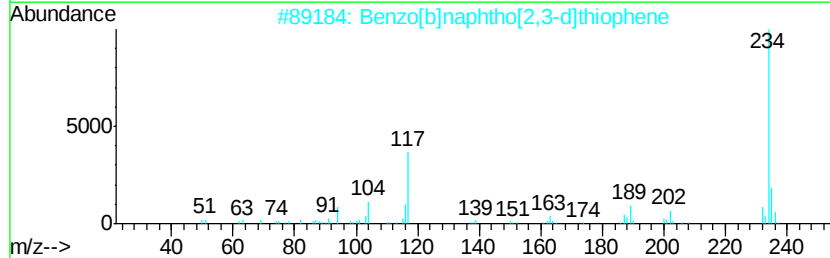
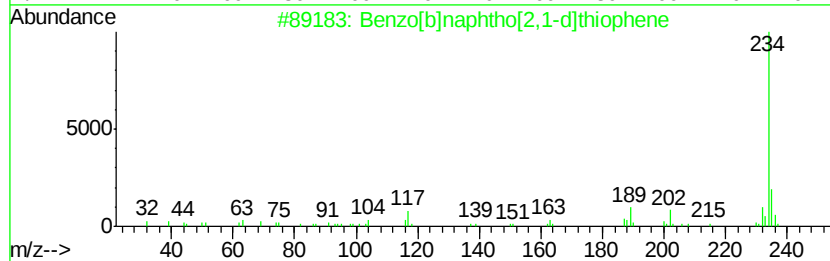
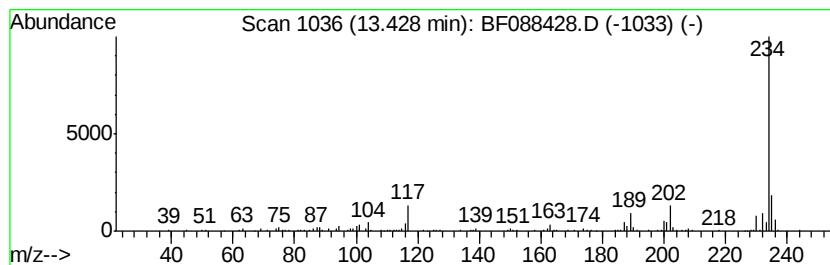
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.43	4.52 ng	472984	Chrysene-d12	13.68		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
5		Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088428.D
Acq On : 26 Jun 2016 19:55
Operator : UM/SJ
Sample : H3663-15 2X
Misc :
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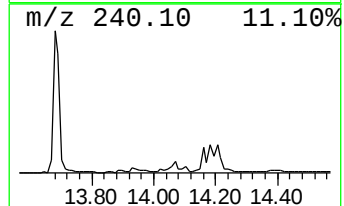
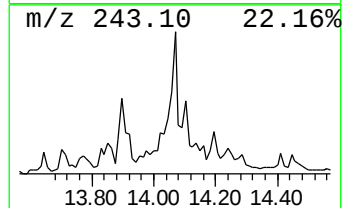
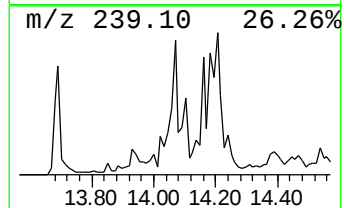
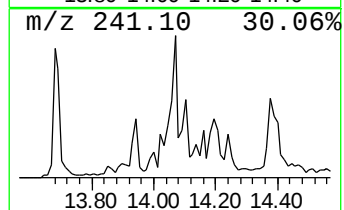
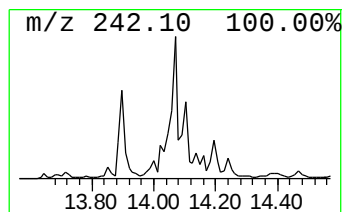
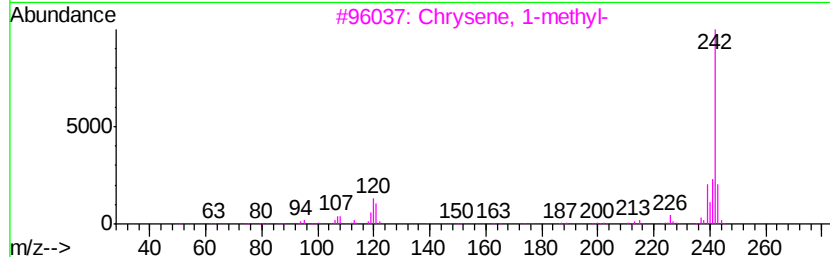
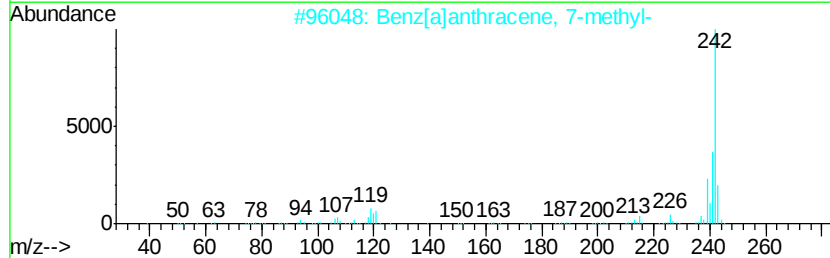
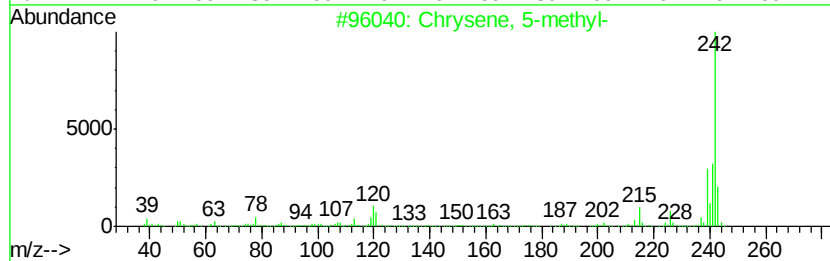
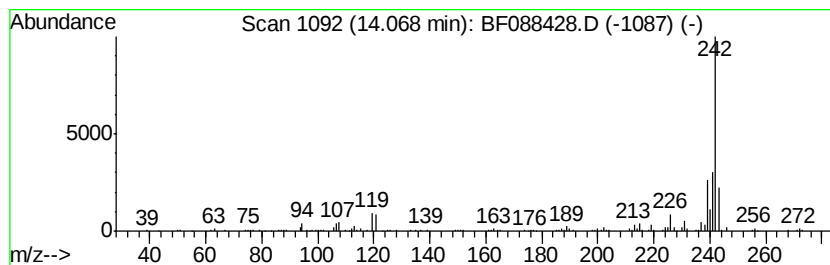
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Chrysene, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.97 ng	415265	Chrysene-d12	13.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
3		Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
4		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
5		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
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ClientSampleId :
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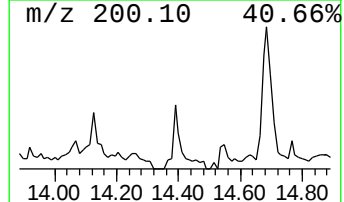
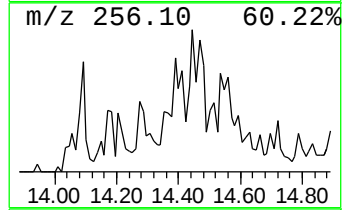
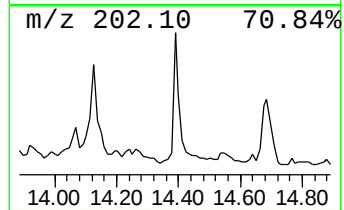
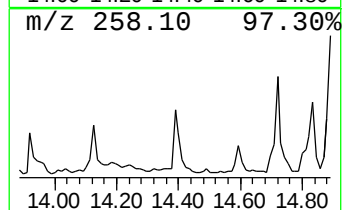
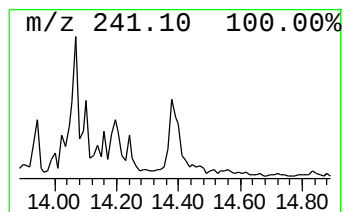
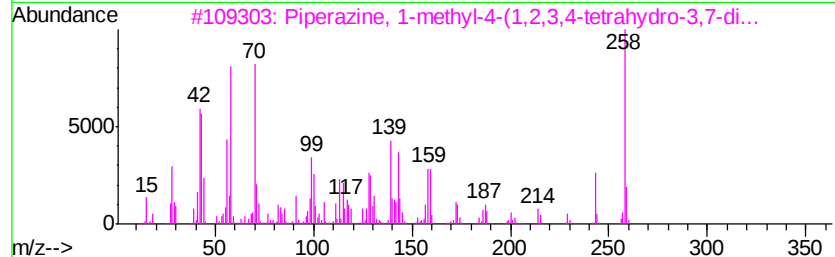
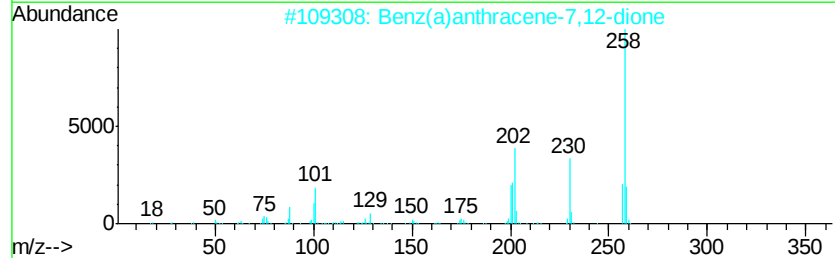
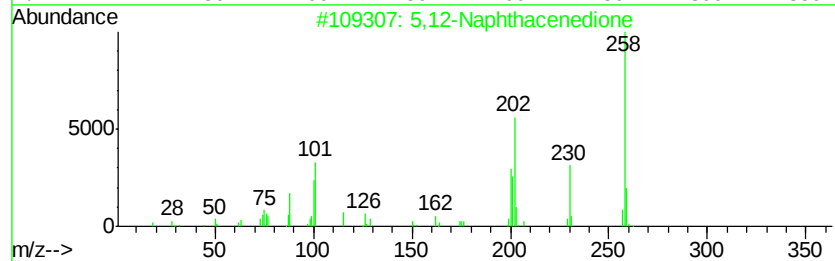
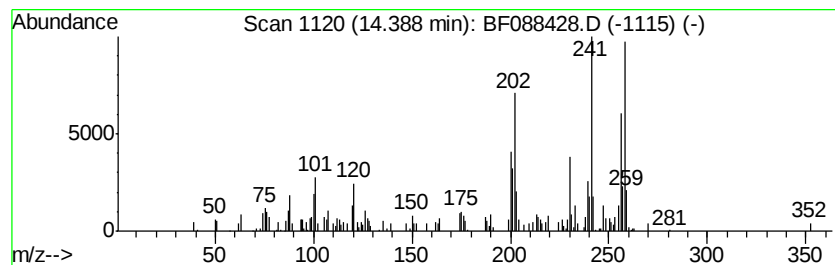
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5,12-Naphthacenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	7.82 ng	216835	Perylene-d12	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
2		Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	90
3		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
4		1,4-Chrysenequinone	258	C18H10O2	100900-16-1	60
5		1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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Instrument :
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ClientSampleId :
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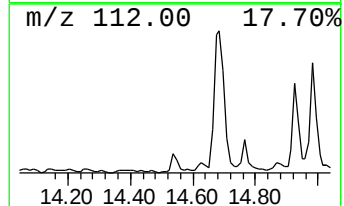
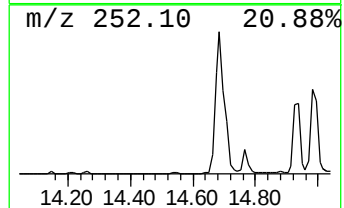
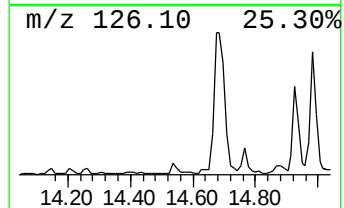
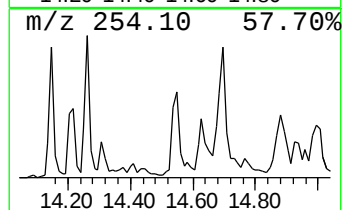
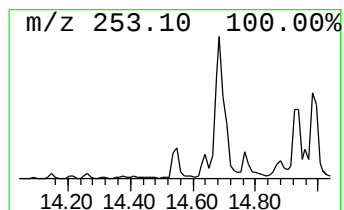
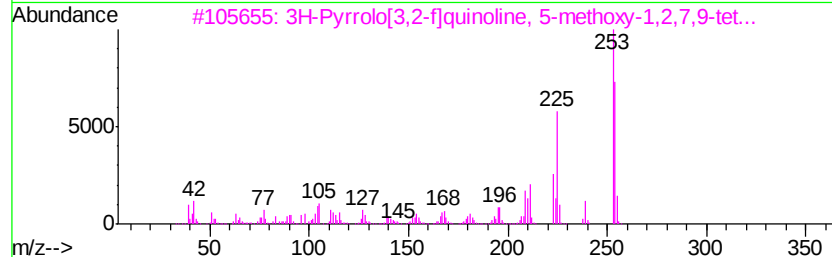
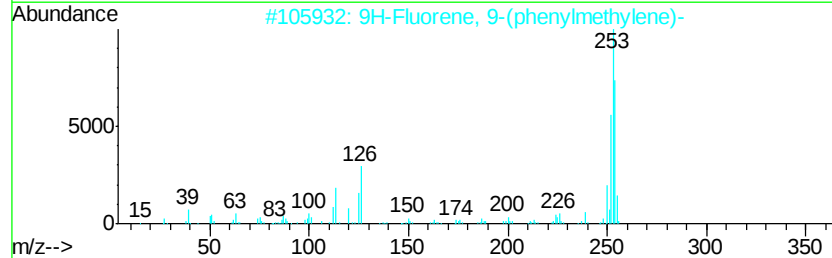
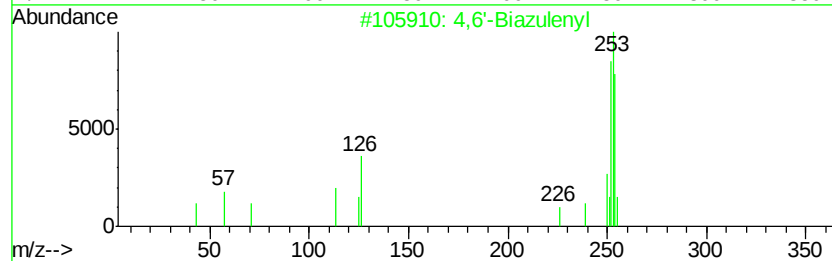
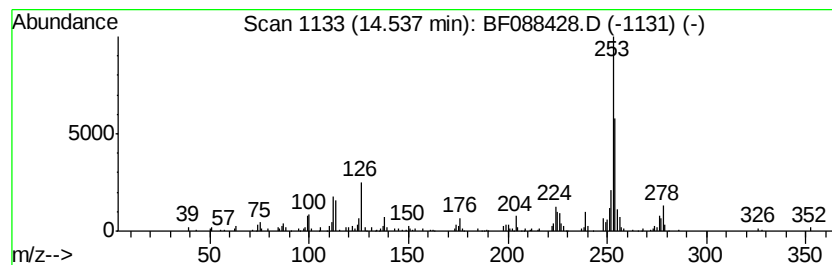
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4,6'-Biazulenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.95 ng	165100	Perylene-d12	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6'-Biazulenyl	254	C20H14	094154-49-1	76
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
3		3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	64
4		1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	58
5		7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	58



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Data File : BF088428.D
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Misc :
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ClientSampleId :
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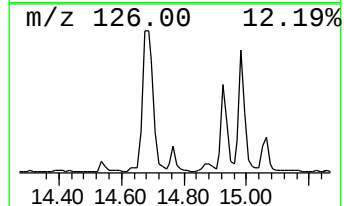
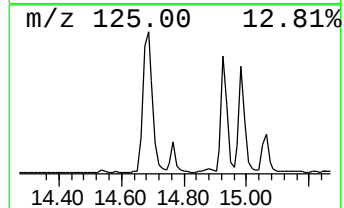
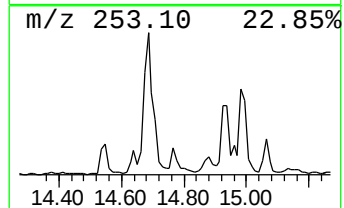
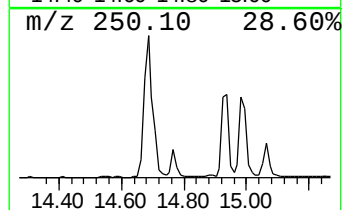
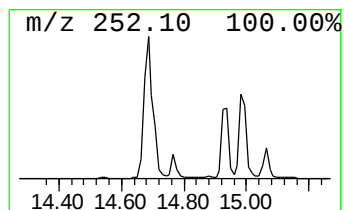
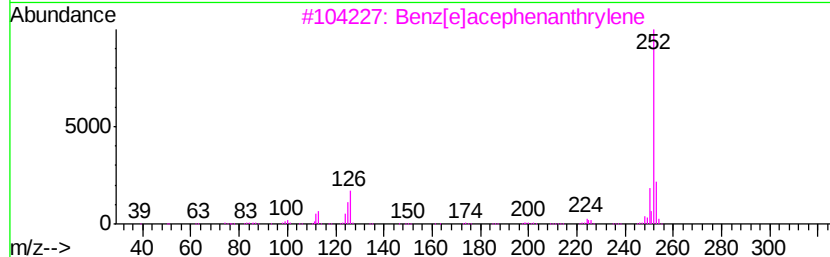
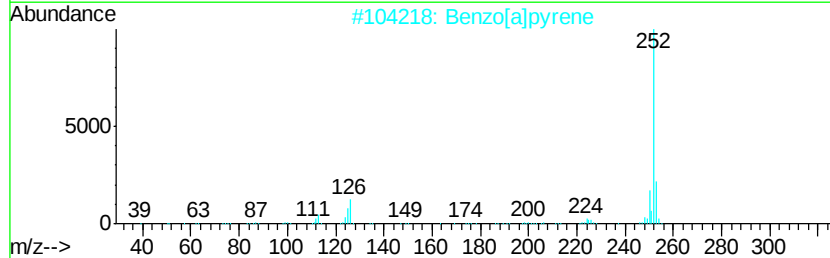
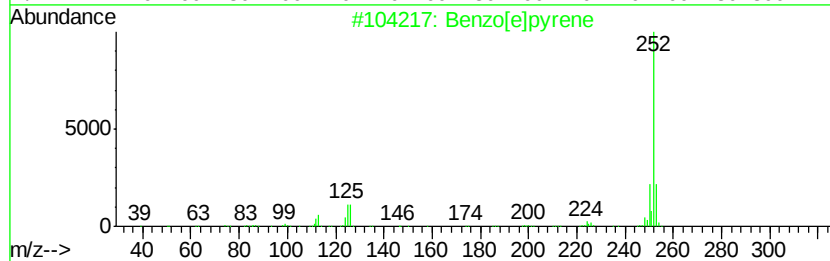
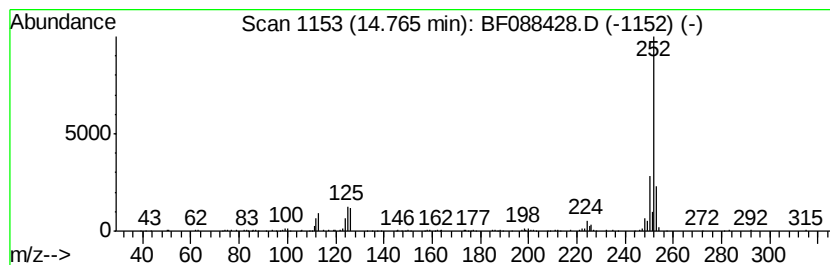
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	9.99 ng	277127	Perylene-d12	15.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088428.D
Acq On : 26 Jun 2016 19:55
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ClientSampleId :
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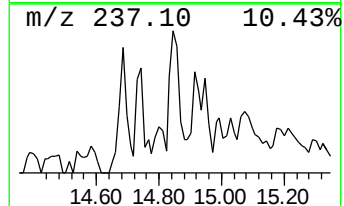
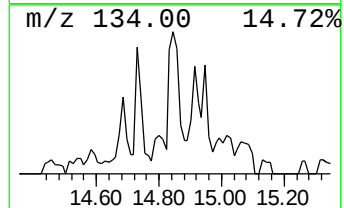
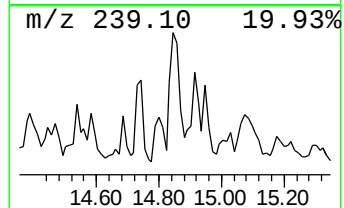
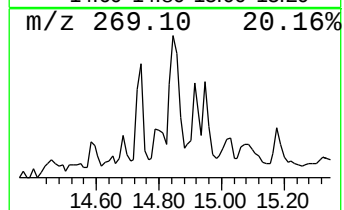
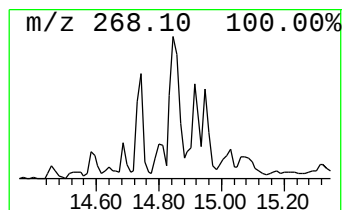
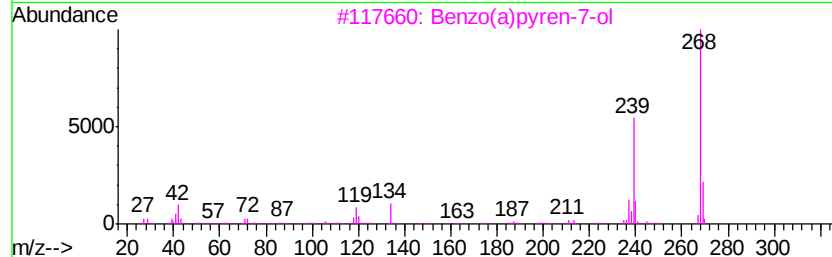
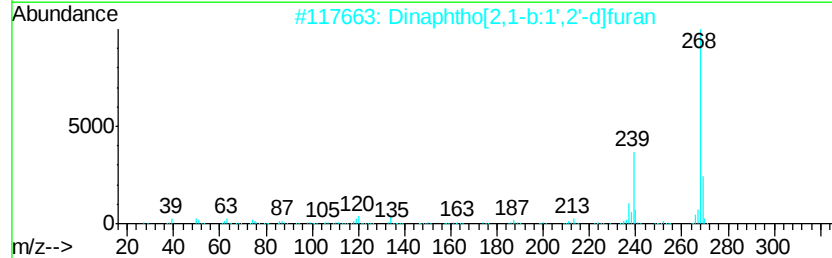
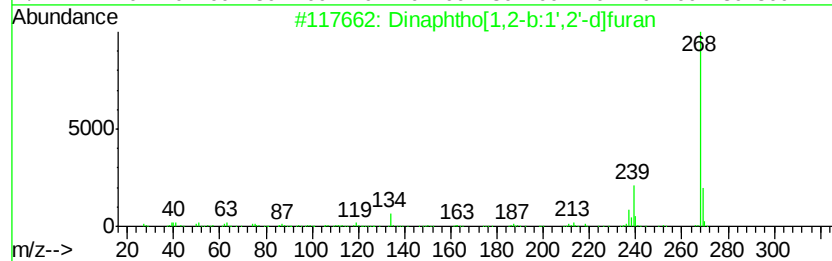
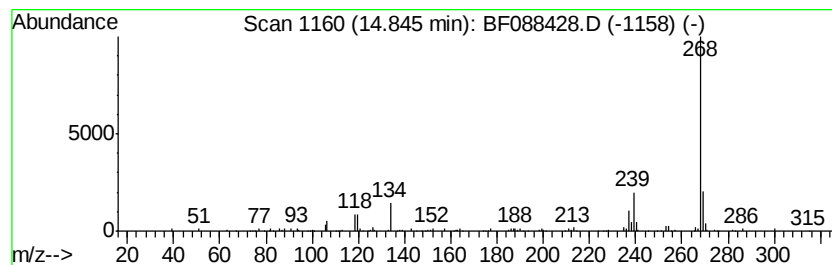
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	7.16 ng	198538	Perylene-d12	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	90
3		Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	68
4		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
5		9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	64



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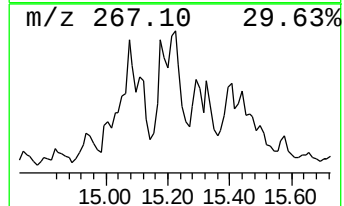
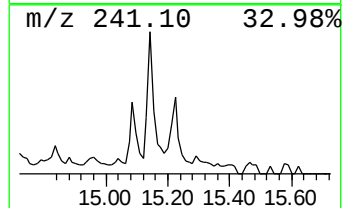
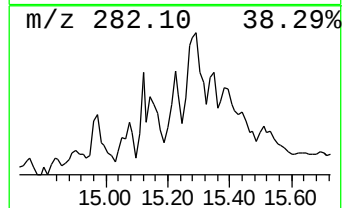
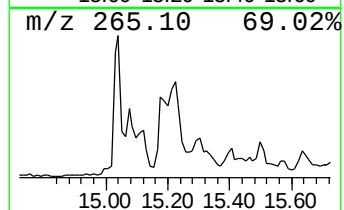
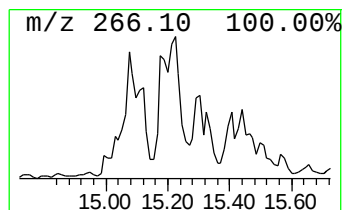
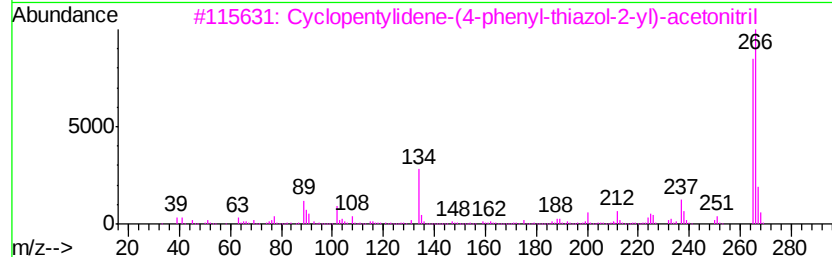
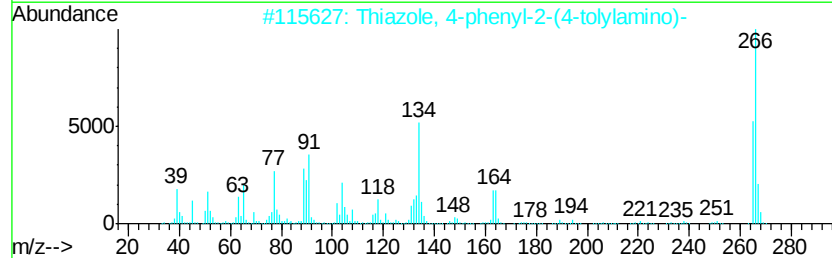
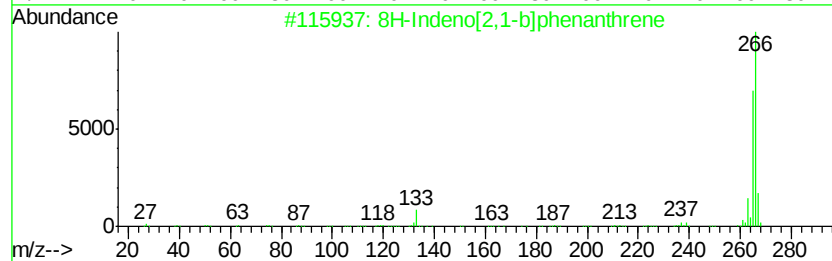
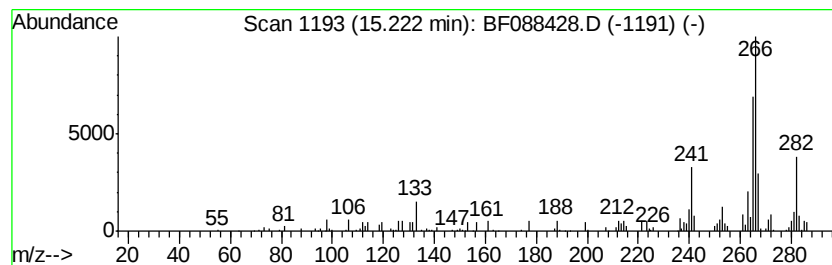
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 8H-Indeno[2,1-b]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	4.50 ng	124760	Perylene-d12	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	53
2		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	43
3		Cyclopentylidene-(4-phenyl-thiaz...	266	C16H14N2S	1000300-05-0	43
4		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	43
5		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	43



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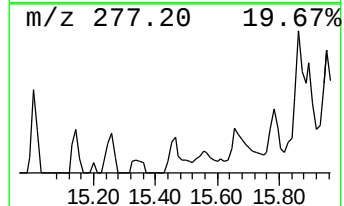
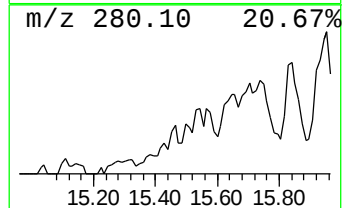
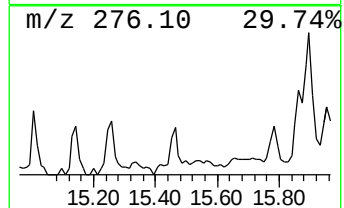
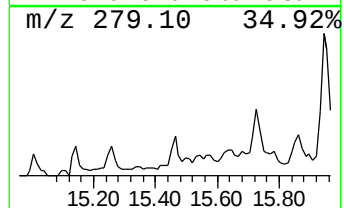
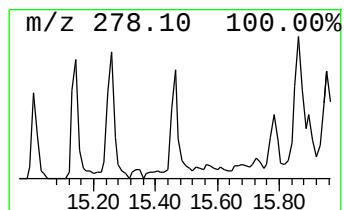
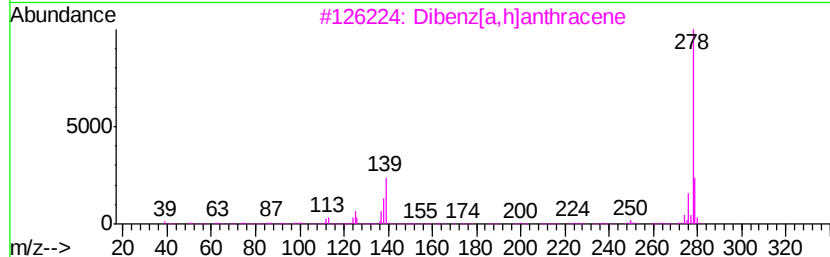
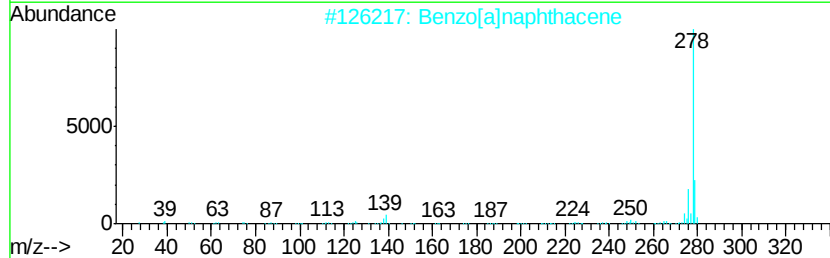
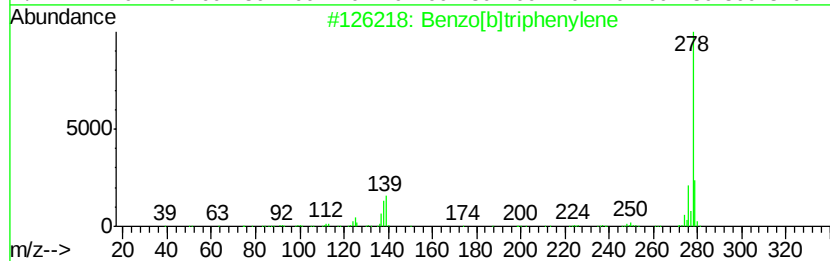
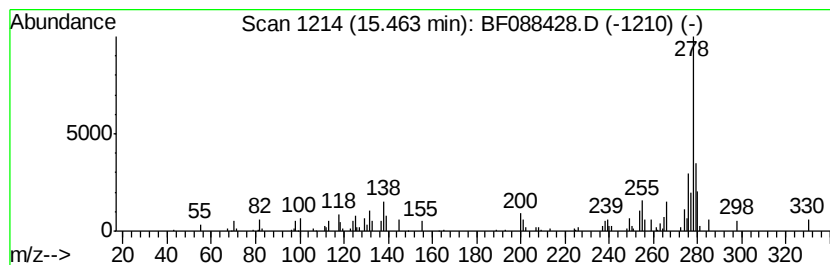
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	5.14 ng	142475	Perylene-d12	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	50
2		Benzo[a]naphthacene	278	C22H14	000226-88-0	47
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	46
4		Pentaphene	278	C22H14	000222-93-5	43
5		Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088428.D
Acq On : 26 Jun 2016 19:55
Operator : UM/SJ
Sample : H3663-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

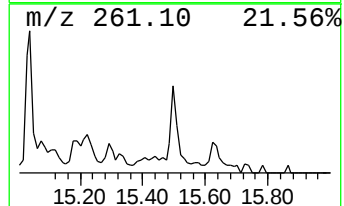
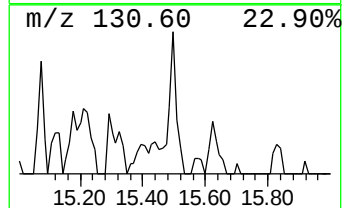
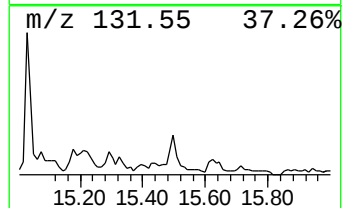
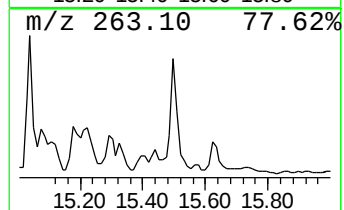
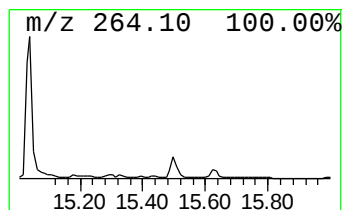
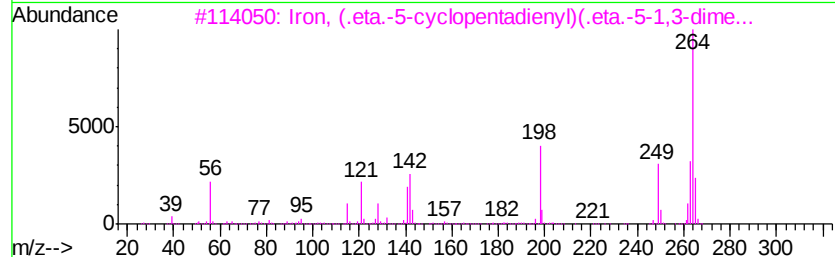
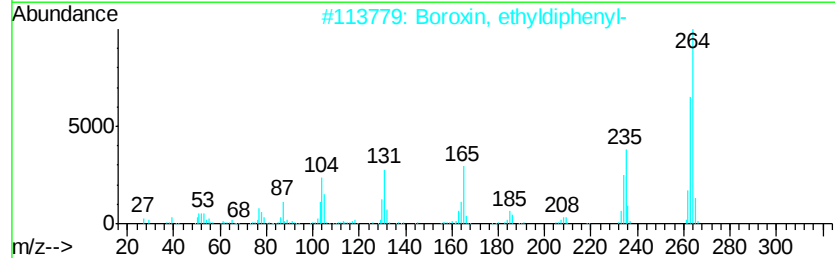
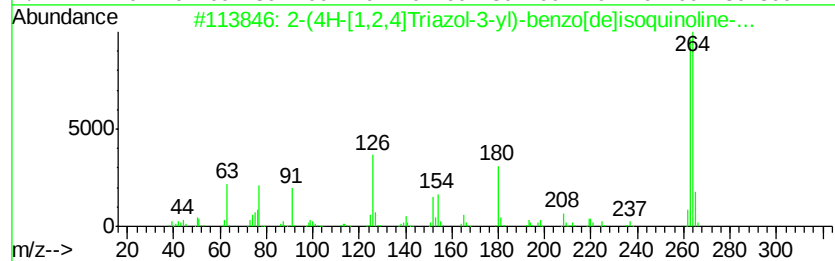
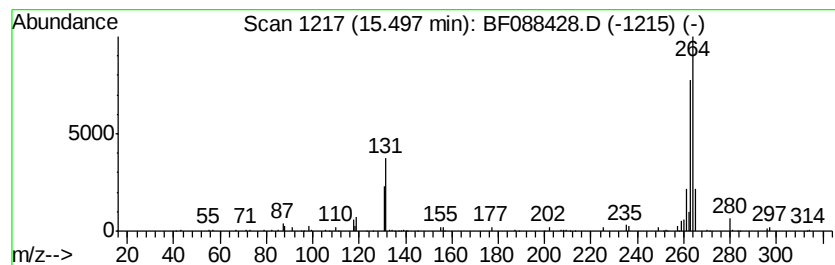
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-(4H-[1,2,4]Triazol-3-yl)-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.74 ng	159294	Perylene-d12	15.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	53
2			Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
3			Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32
4			2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	27
5			6-Oxo-5-phenyl-2,3,5,6-tetrahydr...	263	C16H13N3O	087365-22-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088428.D
Acq On : 26 Jun 2016 19:55
Operator : UM/SJ
Sample : H3663-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

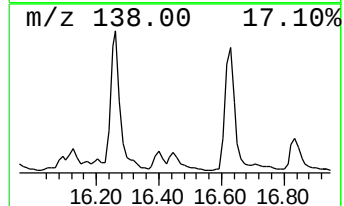
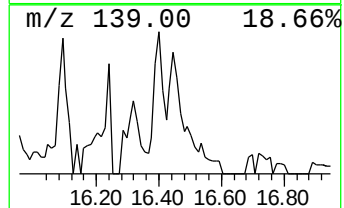
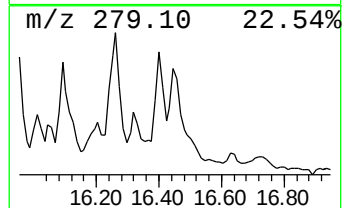
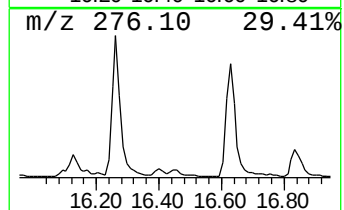
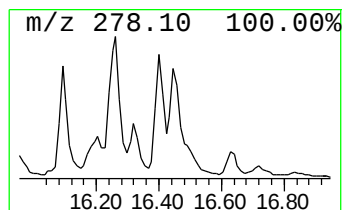
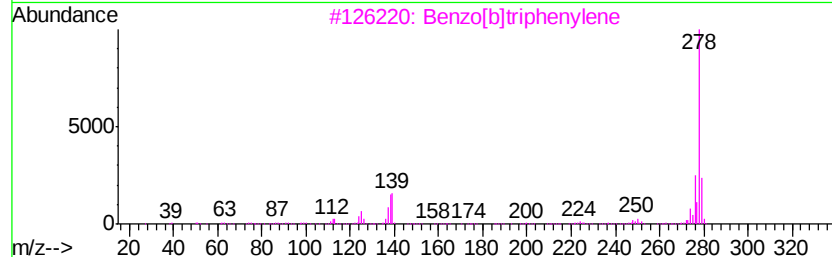
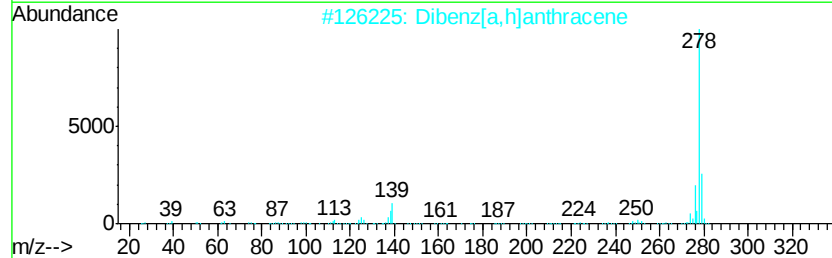
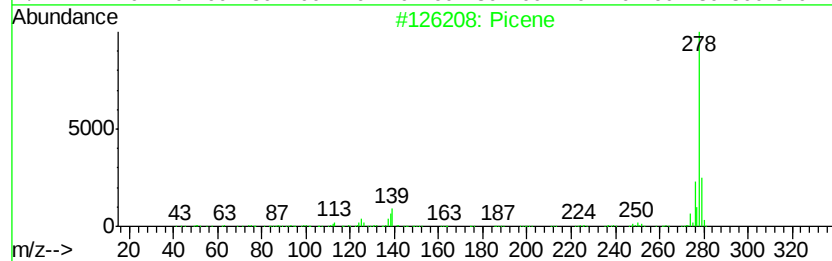
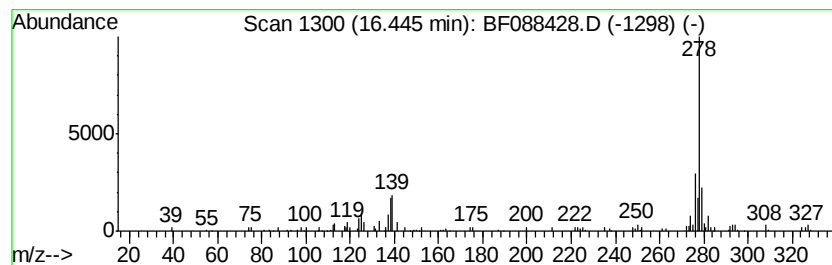
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Picene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	4.65 ng	129102	Perylene-d12	15.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	97
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	96
4			Benzo[a]naphthacene	278	C22H14	000226-88-0	90
5			Benzo[b]chrysene	278	C22H14	000214-17-5	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088428.D
Acq On : 26 Jun 2016 19:55
Operator : UM/SJ
Sample : H3663-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

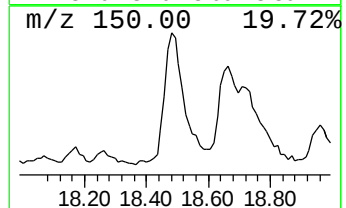
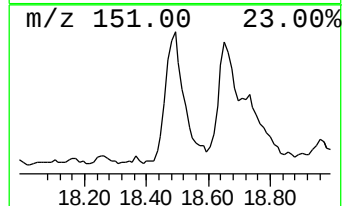
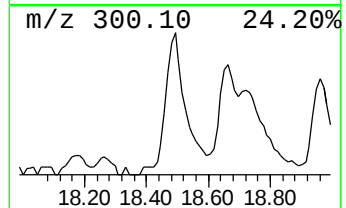
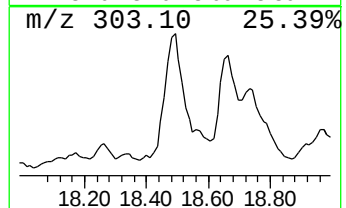
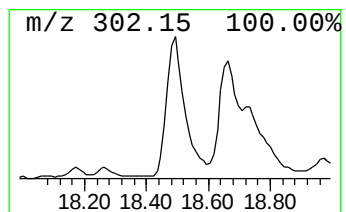
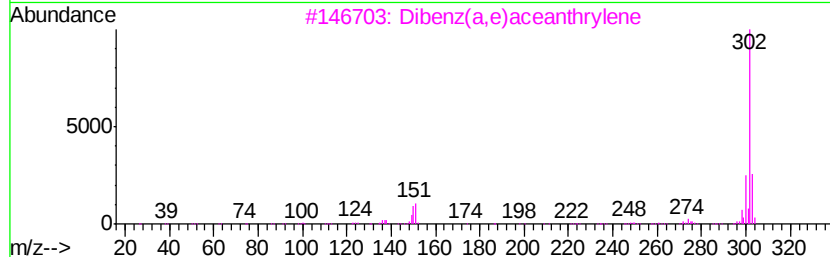
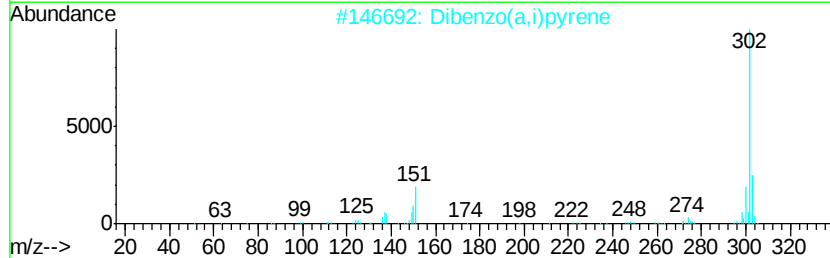
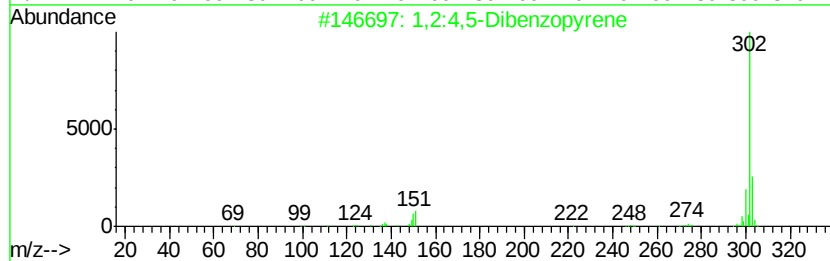
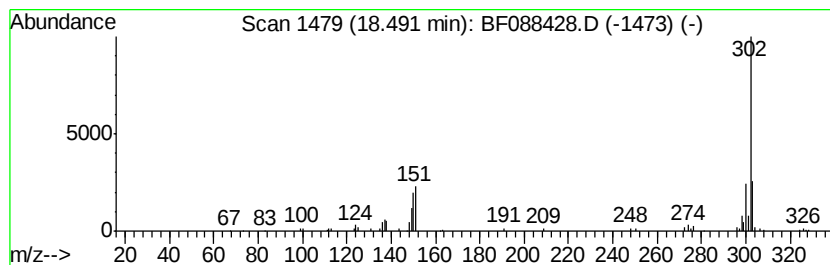
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	10.01 ng	277659	Perylene-d12	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
2		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	94
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
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Operator : UM/SJ
Sample : H3663-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

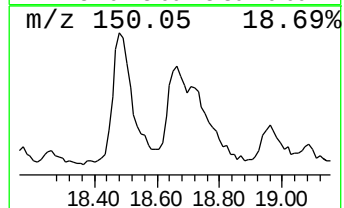
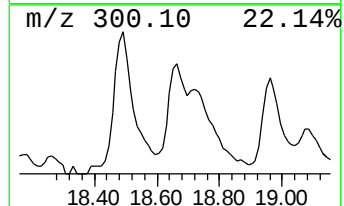
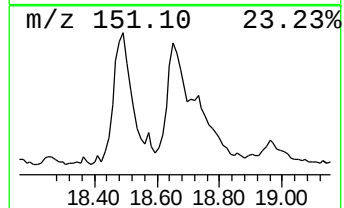
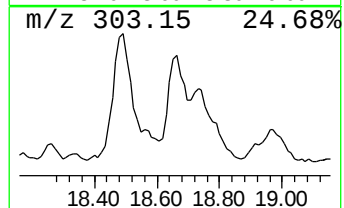
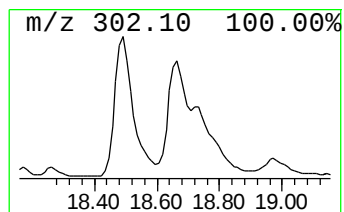
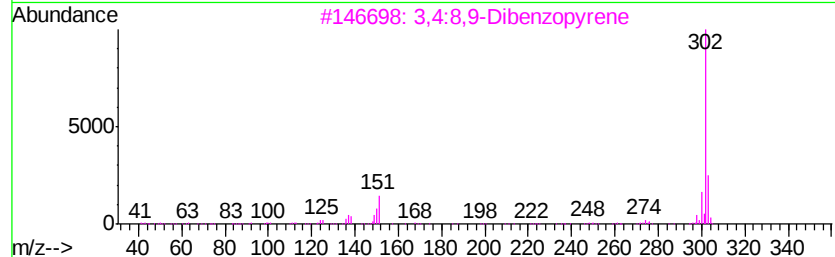
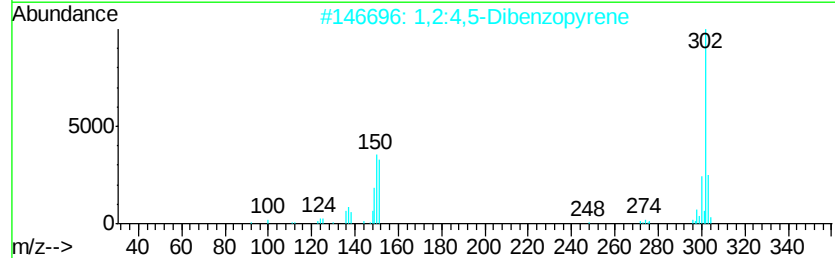
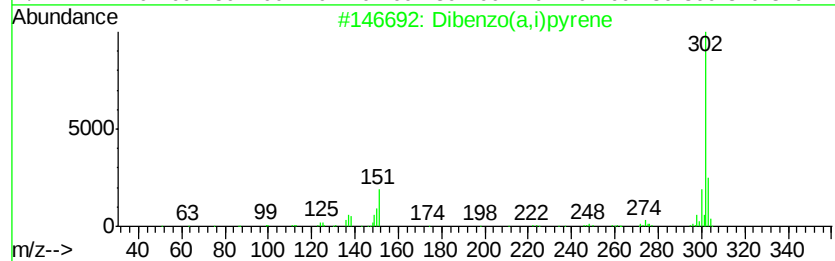
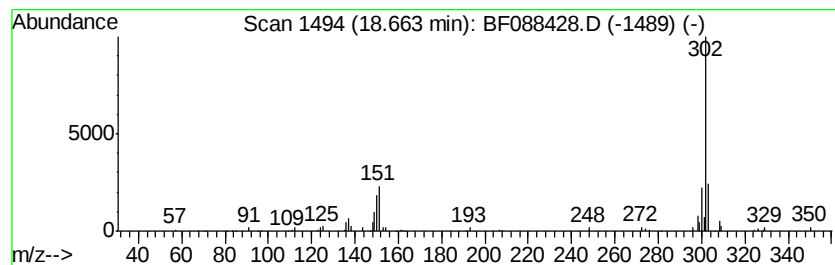
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	5.72 ng	158710	Perylene-d12	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	90
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	87
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	68
5		Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088428.D
 Acq On : 26 Jun 2016 19:55
 Operator : UM/SJ
 Sample : H3663-15 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.64	7.5 ng		158150	1	6.55	424548	20.0
unknown6.32	6.32	35.4 ng		751666	1	6.55	424548	20.0
Benzo[b]naphtho[2...	13.43	4.5 ng		472984	5	13.68	2092920	20.0
Chrysene, 5-methyl-	14.07	4.0 ng		415265	5	13.68	2092920	20.0
5,12-Naphthacened...	14.39	7.8 ng		216835	6	15.04	554687	20.0
4,6'-Biazulenyl	14.54	6.0 ng		165100	6	15.04	554687	20.0
Benzo[e]pyrene	14.77	10.0 ng		277127	6	15.04	554687	20.0
Dinaphtho[1,2-b:1...	14.85	7.2 ng		198538	6	15.04	554687	20.0
8H-Indeno[2,1-b]p...	15.22	4.5 ng		124760	6	15.04	554687	20.0
Benzo[b]triphenylene	15.46	5.1 ng		142475	6	15.04	554687	20.0
2-(4H-[1,2,4]Tria...	15.50	5.7 ng		159294	6	15.04	554687	20.0
Picene	16.45	4.7 ng		129102	6	15.04	554687	20.0
1,2:4,5-Dibenzopy...	18.49	10.0 ng		277659	6	15.04	554687	20.0
Dibenzo(a,i)pyrene	18.66	5.7 ng		158710	6	15.04	554687	20.0