

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088434.D
 Acq On : 26 Jun 2016 22:49
 Operator : UM/SJ
 Sample : H3663-07 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUBSURFACEDUP

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	33	rVB	189554	422280	6.32%	0.565%
2	5.130	308	310	326	rBV	136811	207470	3.10%	0.277%
3	6.216	403	405	412	rBV	145215	211508	3.16%	0.283%
4	6.319	412	414	424	rVB	261032	291393	4.36%	0.390%
5	6.547	432	434	445	rBV	323270	378811	5.67%	0.506%
6	6.696	445	447	456	rVB	222622	240759	3.60%	0.322%
7	7.119	483	484	500	rBV	107041	169464	2.54%	0.227%
8	7.828	544	546	559	rBV2	362787	771111	11.54%	1.031%
9	8.913	638	641	643	rBV	300818	342614	5.13%	0.458%
10	9.313	674	676	678	rVV	148210	122234	1.83%	0.163%
11	9.576	696	699	701	rBV	644618	643247	9.62%	0.860%
12	9.611	701	702	704	rVB	382055	280723	4.20%	0.375%
13	9.782	715	717	719	rVV	267508	239783	3.59%	0.321%
14	10.125	745	747	749	rBV	307465	327531	4.90%	0.438%
15	10.365	765	768	770	rBV	221463	240017	3.59%	0.321%
16	10.491	777	779	783	rBV	104135	141384	2.12%	0.189%
17	10.674	790	795	798	rBV4	58189	164409	2.46%	0.220%
18	10.822	803	808	810	rBV4	52824	150905	2.26%	0.202%
19	10.868	810	812	814	rBV	123251	112405	1.68%	0.150%
20	10.948	817	819	823	rVB2	223910	342015	5.12%	0.457%
21	11.085	826	831	833	rBV2	2333749	3087242	46.18%	4.128%
22	11.131	833	835	837	rVV	968083	930219	13.92%	1.244%
23	11.165	837	838	841	rVB	81127	110245	1.65%	0.147%
24	11.302	846	850	853	rBV2	283953	599778	8.97%	0.802%
25	11.359	853	855	860	rVB3	120466	215804	3.23%	0.289%
26	11.554	867	872	873	rBV	319340	350572	5.24%	0.469%
27	11.588	873	875	877	rVB	276898	371710	5.56%	0.497%
28	11.634	877	879	880	rBV	148522	174100	2.60%	0.233%
29	11.668	880	882	887	rVB2	462489	845873	12.65%	1.131%
30	11.771	889	891	894	rVB	156437	154199	2.31%	0.206%
31	11.851	894	898	900	rBV	229992	273042	4.08%	0.365%
32	11.885	900	901	903	rVB	145420	141349	2.11%	0.189%
33	12.102	918	920	922	rBV	179383	264912	3.96%	0.354%
34	12.159	924	925	927	rVV	157448	123327	1.84%	0.165%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.205	927	929	931	rVV	241221	283257	4.24%	0.379%
36	12.285	931	936	938	rVV	2664593	4822340	72.14%	6.447%
37	12.331	938	940	942	rVV2	102012	143789	2.15%	0.192%
38	12.411	945	947	950	rBV	256323	313432	4.69%	0.419%
39	12.502	952	955	957	rVV	2397018	4378110	65.50%	5.853%
40	12.537	957	958	963	rVB2	164840	252718	3.78%	0.338%
41	12.617	963	965	966	rBV	234983	379514	5.68%	0.507%
42	12.651	966	968	970	rVB2	349335	502667	7.52%	0.672%
43	12.708	970	973	975	rBV2	293031	527361	7.89%	0.705%
44	12.822	979	983	985	rVV	701119	1151977	17.23%	1.540%
45	12.879	987	988	990	rVV	371305	491868	7.36%	0.658%
46	12.925	990	992	996	rVV2	442013	782235	11.70%	1.046%
47	13.017	998	1000	1001	rVV	235068	286082	4.28%	0.382%
48	13.039	1001	1002	1007	rVB2	252176	352343	5.27%	0.471%
49	13.234	1016	1019	1023	rVB3	159070	339885	5.08%	0.454%
50	13.337	1023	1028	1031	rBV2	418971	612687	9.17%	0.819%
51	13.440	1034	1037	1040	rBV3	556288	1295767	19.38%	1.732%
52	13.485	1040	1041	1045	rVV2	564836	875504	13.10%	1.171%
53	13.554	1045	1047	1049	rVV	346792	414288	6.20%	0.554%
54	13.600	1049	1051	1054	rVV	148609	195236	2.92%	0.261%
55	13.691	1054	1059	1060	rVV	1881084	3676506	55.00%	4.915%
56	13.725	1060	1062	1065	rVV2	1878688	3860330	57.75%	5.161%
57	13.794	1066	1068	1071	rVV	406602	554187	8.29%	0.741%
58	13.862	1071	1074	1075	rVV2	177723	372488	5.57%	0.498%
59	13.897	1075	1077	1085	rVV3	351391	1190615	17.81%	1.592%
60	14.080	1088	1093	1094	rVV2	568823	1134109	16.97%	1.516%
61	14.102	1094	1095	1097	rVV2	287273	432693	6.47%	0.578%
62	14.171	1097	1101	1102	rVV4	263917	625057	9.35%	0.836%
63	14.217	1102	1105	1107	rVV3	347675	759916	11.37%	1.016%
64	14.262	1107	1109	1112	rVB3	169443	291971	4.37%	0.390%
65	14.400	1117	1121	1124	rBV3	212031	479597	7.17%	0.641%
66	14.445	1124	1125	1130	rVB4	112068	300095	4.49%	0.401%
67	14.560	1132	1135	1137	rBV	326362	527015	7.88%	0.705%
68	14.708	1141	1148	1153	rBV	2156772	6684604	100.00%	8.937%
69	14.788	1153	1155	1157	rBV	507223	566708	8.48%	0.758%
70	14.857	1159	1161	1163	rBV2	160110	366361	5.48%	0.490%
71	14.903	1163	1165	1166	rVB2	92544	114395	1.71%	0.153%

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72	14.960	1166	1170	1172	rBV	1475145	2521833	37.73%	3.372%
73	15.017	1172	1175	1177	rVV	1680781	2581488	38.62%	3.451%
74	15.085	1177	1181	1184	rVB3	925044	1303199	19.50%	1.742%
75	15.200	1189	1191	1192	rVV	206090	311789	4.66%	0.417%
76	15.234	1192	1194	1198	rVV3	253832	587665	8.79%	0.786%
77	15.314	1199	1201	1203	rVV	205685	340484	5.09%	0.455%
78	15.417	1207	1210	1212	rBV2	118247	233859	3.50%	0.313%
79	15.520	1217	1219	1223	rVV2	194894	314614	4.71%	0.421%
80	15.645	1228	1230	1235	rBV4	54844	119962	1.79%	0.160%
81	15.920	1252	1254	1255	rBV	72160	108276	1.62%	0.145%
82	15.965	1256	1258	1261	rVV	117091	222244	3.32%	0.297%
83	16.023	1261	1263	1266	rVB2	178648	298828	4.47%	0.400%
84	16.114	1268	1271	1272	rVV2	192275	331938	4.97%	0.444%
85	16.148	1272	1274	1279	rVV	179316	337818	5.05%	0.452%
86	16.308	1282	1288	1295	rVB2	1091612	3182392	47.61%	4.255%
87	16.423	1295	1298	1300	rBV	296495	587810	8.79%	0.786%
88	16.480	1300	1303	1306	rVB2	231975	484783	7.25%	0.648%
89	16.686	1315	1321	1327	rVB	906279	2352892	35.20%	3.146%
90	16.868	1333	1337	1342	rVB2	247893	616191	9.22%	0.824%
91	16.960	1343	1345	1349	rVB	63599	131444	1.97%	0.176%
92	17.131	1356	1360	1364	rBV4	62569	191871	2.87%	0.257%
93	17.291	1371	1374	1380	rVB2	88906	259961	3.89%	0.348%
94	17.417	1381	1385	1388	rBV3	45068	144306	2.16%	0.193%
95	17.623	1400	1403	1415	rVB5	70418	389497	5.83%	0.521%
96	18.514	1475	1481	1486	rBV	275312	1030014	15.41%	1.377%
97	18.697	1491	1497	1502	rBV	224930	945579	14.15%	1.264%
98	18.983	1518	1522	1529	rVB2	60037	192765	2.88%	0.258%
99	19.234	1540	1544	1556	rVB	56809	261979	3.92%	0.350%
100	19.486	1560	1566	1570	rBV	140054	630351	9.43%	0.843%

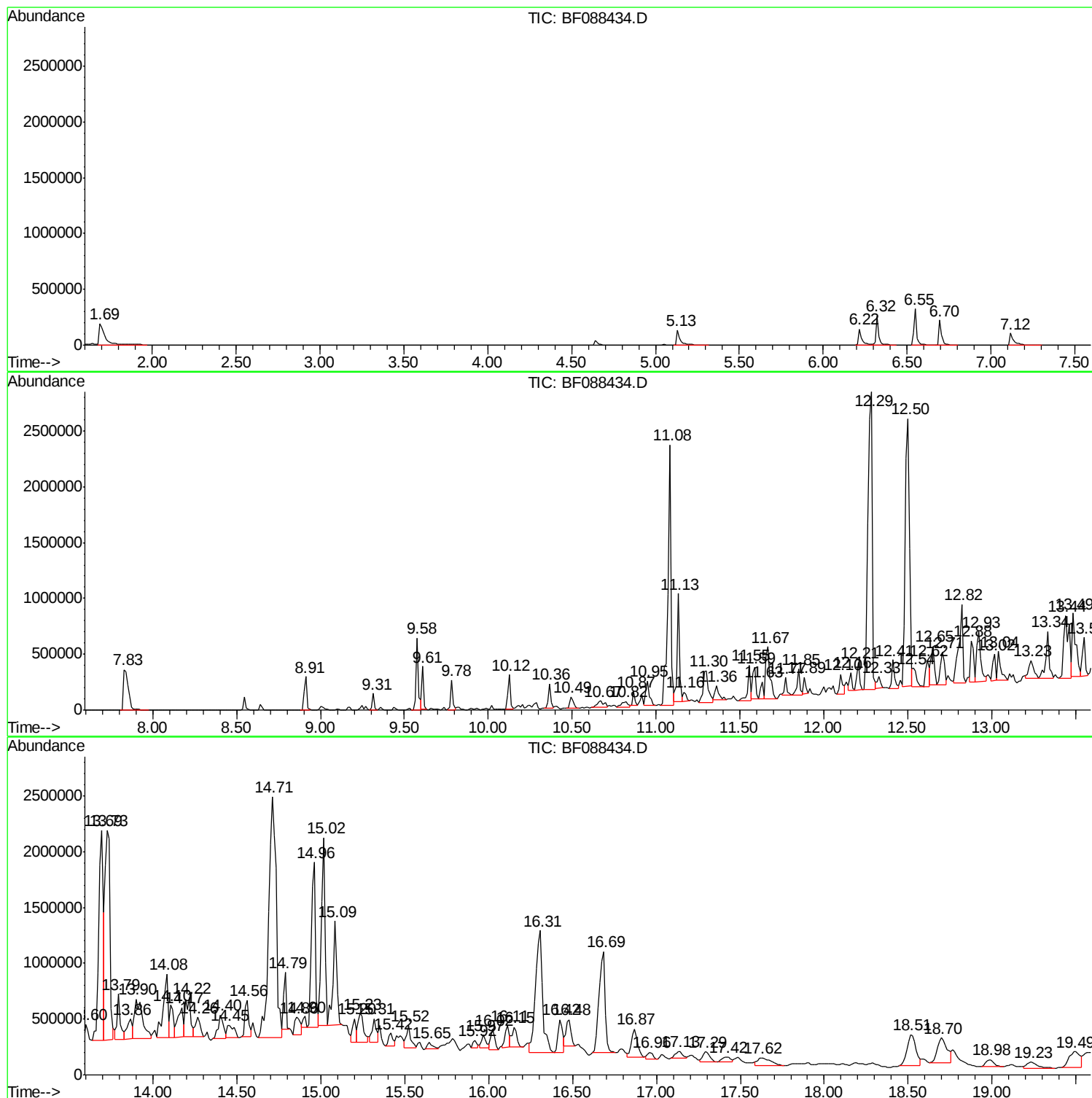
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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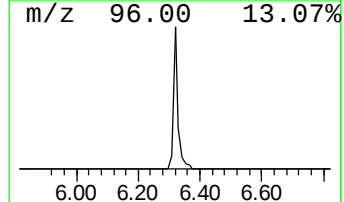
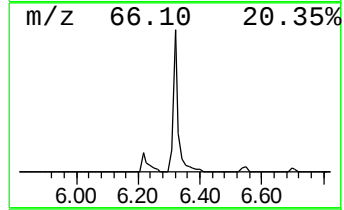
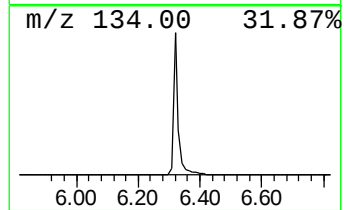
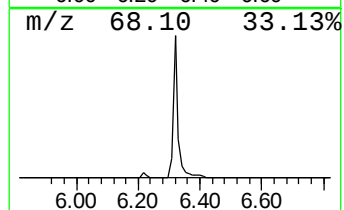
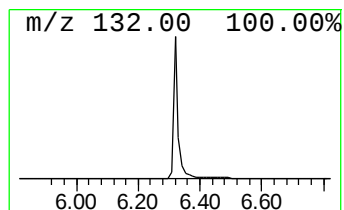
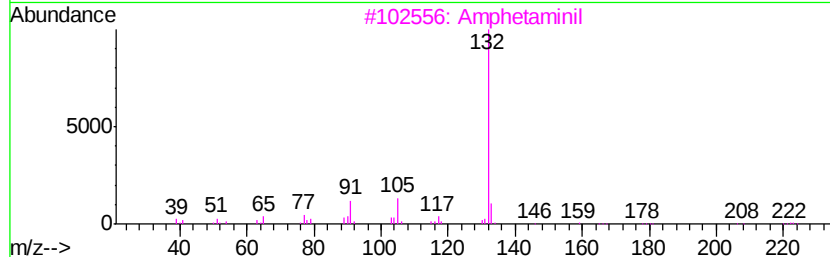
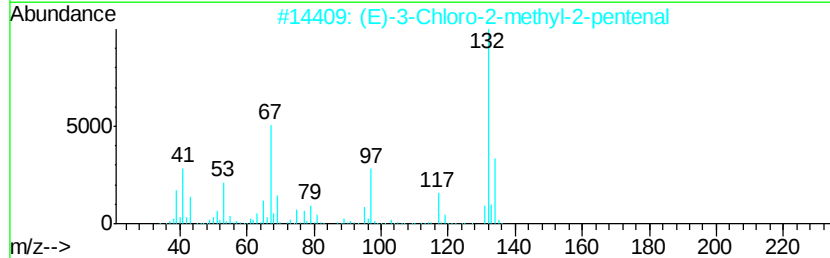
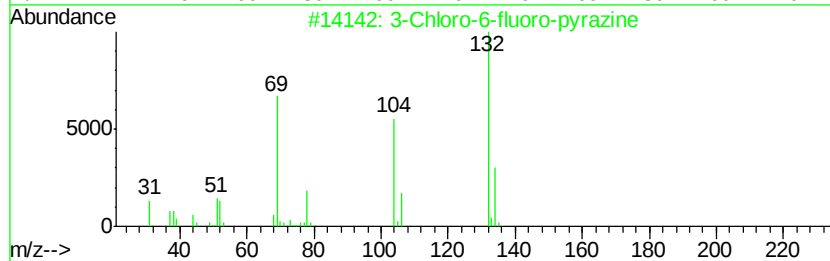
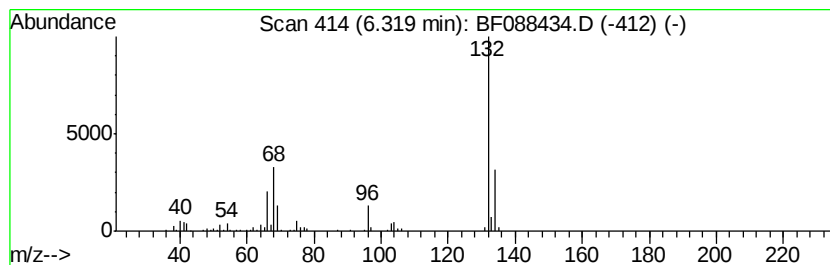
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.32 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	15.38 ng	291393	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	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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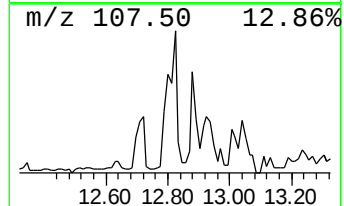
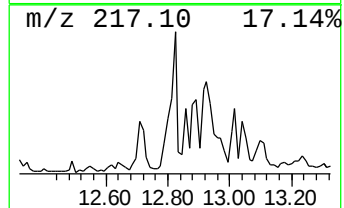
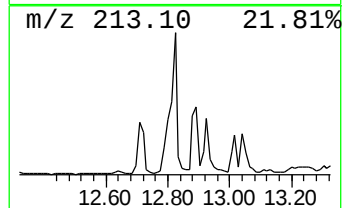
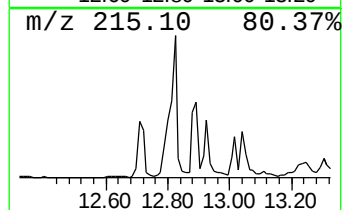
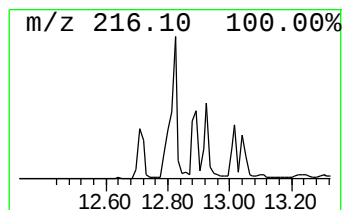
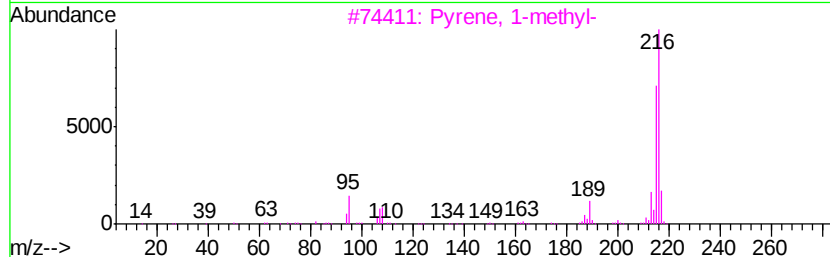
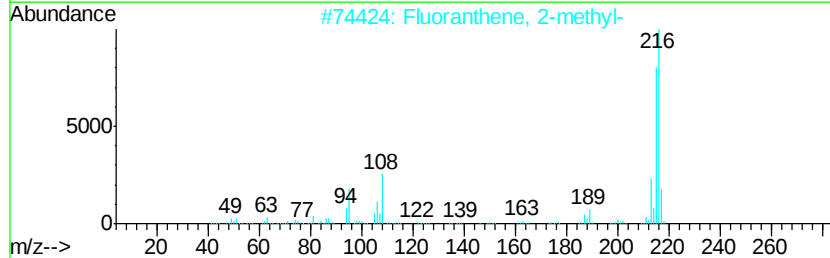
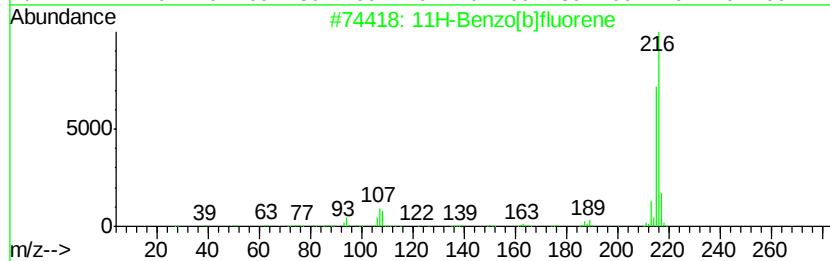
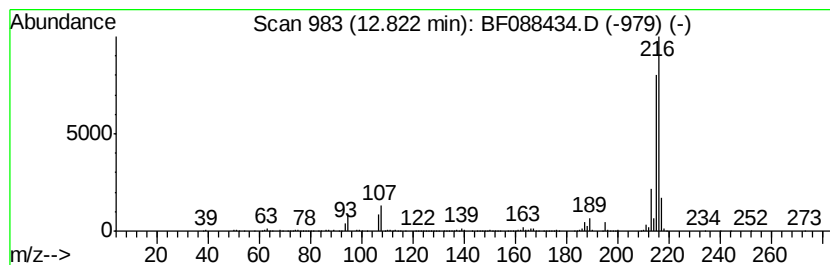
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	6.27 ng	1151980	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



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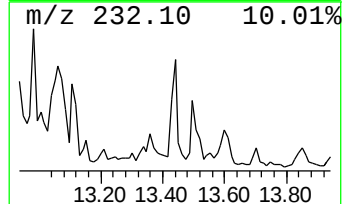
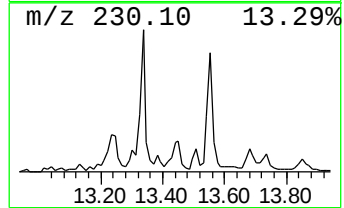
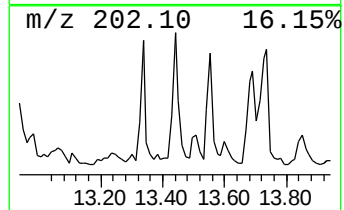
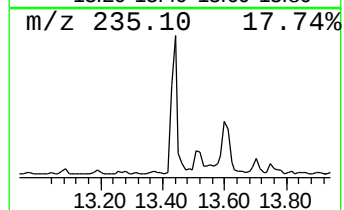
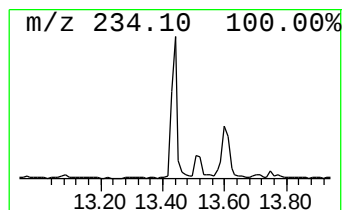
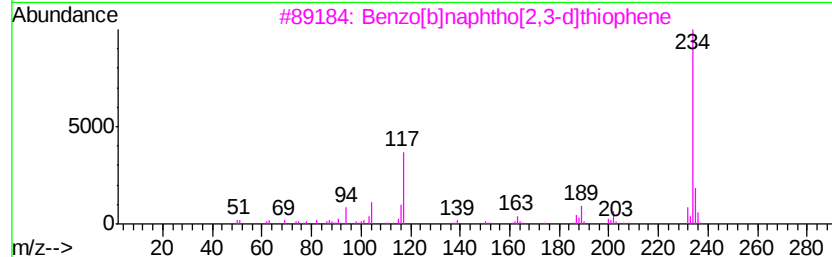
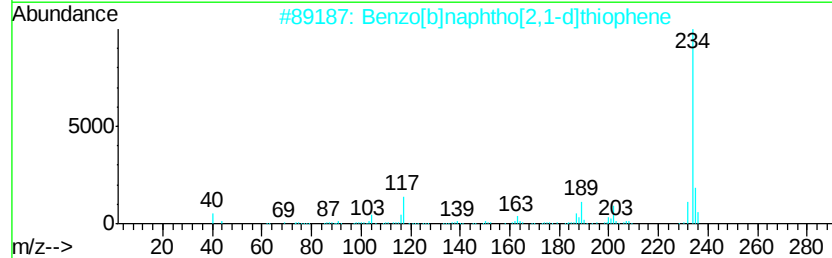
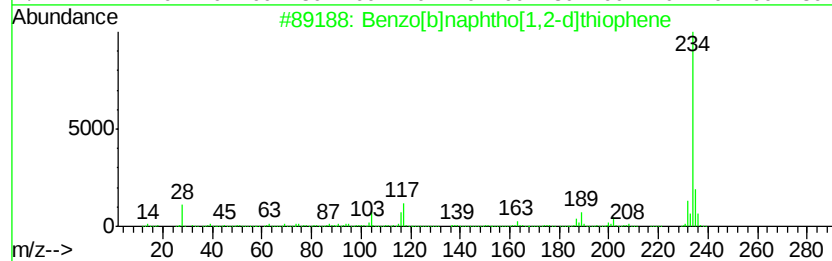
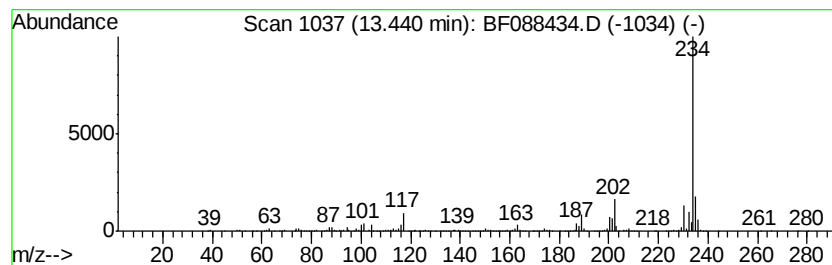
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Peak Number 5 Benzo[b]naphtho[1,2-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	7.05 ng	1295770	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4		Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59
5		1,9,12-Trioxa-4,6-diazacyclotetr...	234	C9H18N2O3S	075491-64-4	55



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Acq On : 26 Jun 2016 22:49
Operator : UM/SJ
Sample : H3663-07 5X
Misc :
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ClientSampleId :
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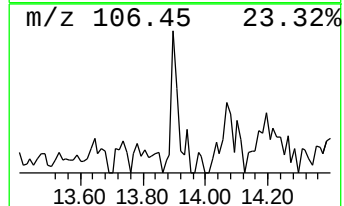
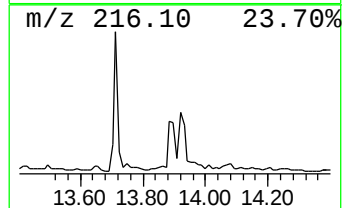
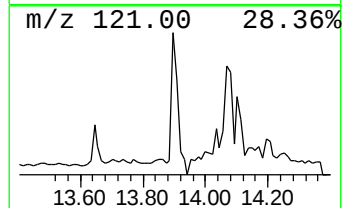
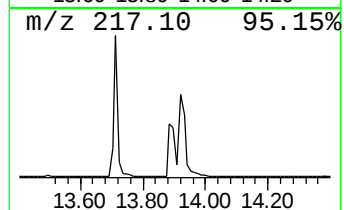
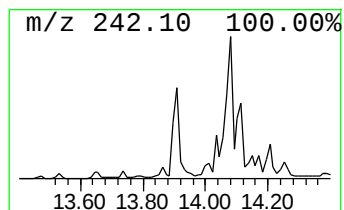
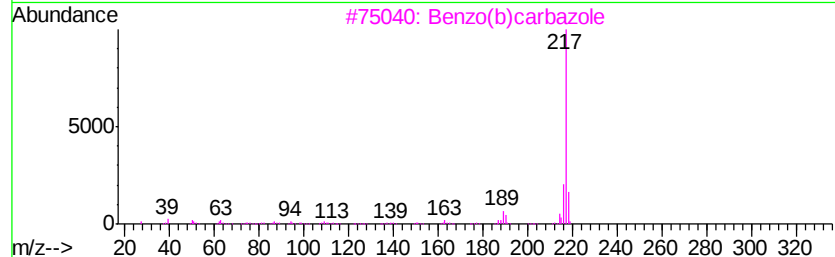
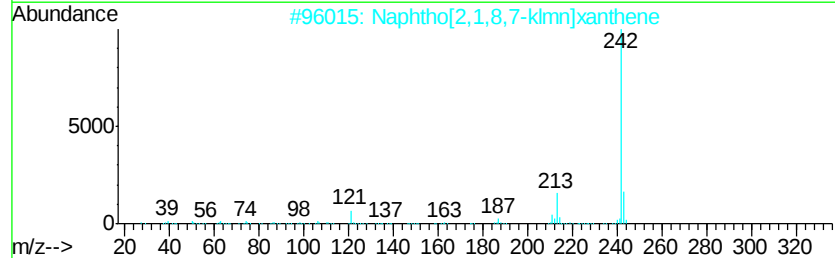
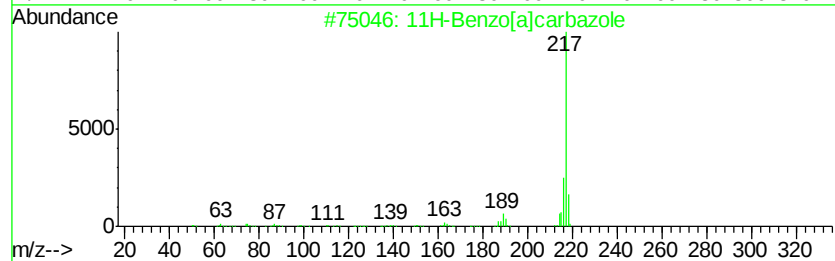
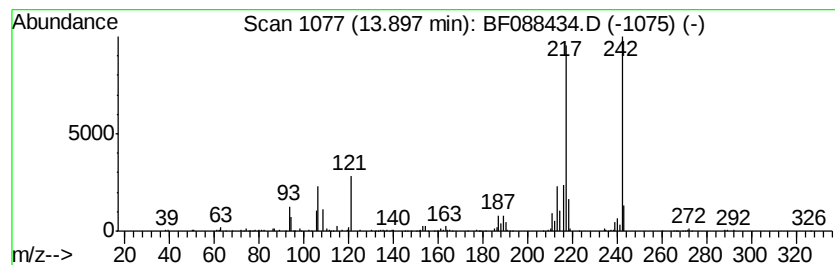
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[a]carbazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	6.48 ng	1190620	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	83
2		Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	50
3		Benzo(b)carbazole	217	C16H11N	000243-28-7	46
4		Benzo(c)carbazole	217	C16H11N	034777-33-8	46
5		11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	46



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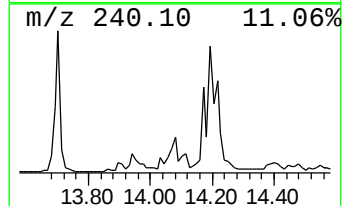
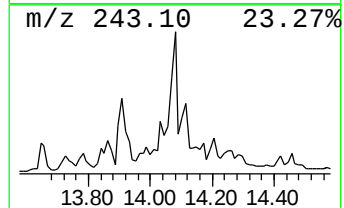
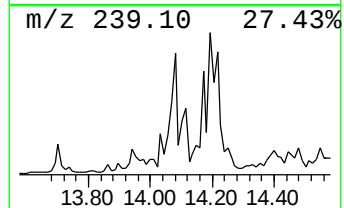
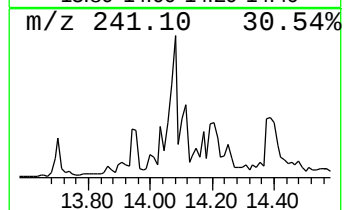
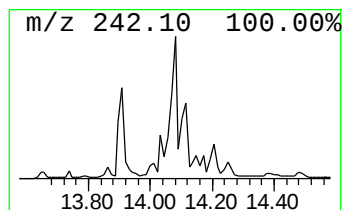
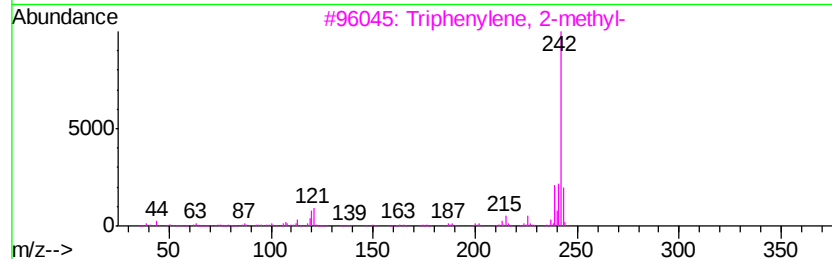
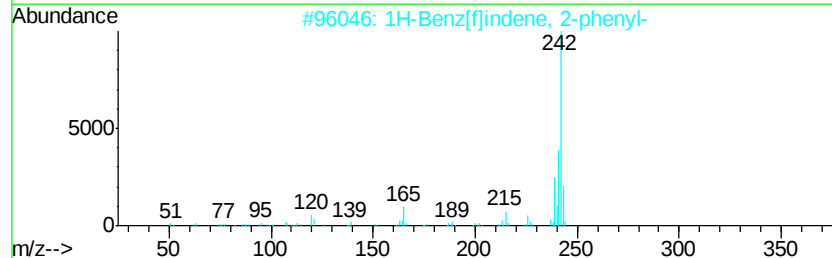
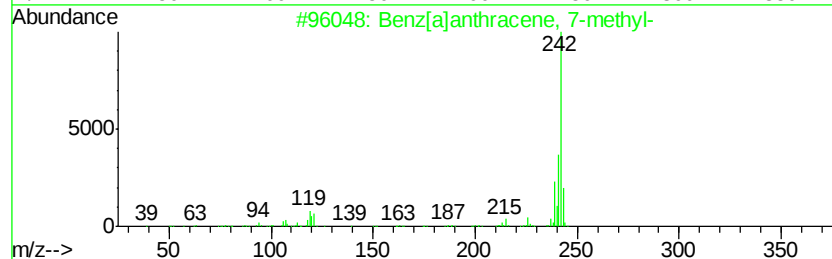
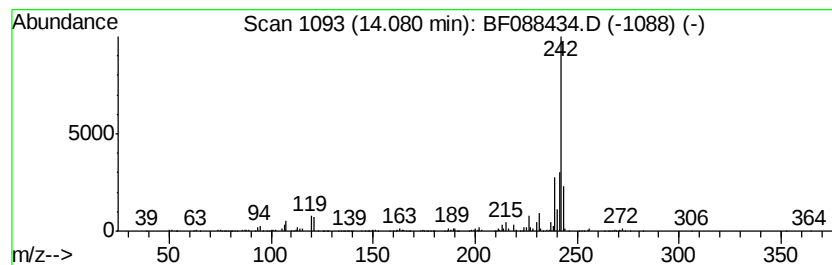
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	6.17 ng	1134110	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2		1H-Benz[flindene, 2-phenyl-	242	C19H14	1000305-22-4	89
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
4		Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
5		Chrysene, 5-methyl-	242	C19H14	003697-24-3	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088434.D
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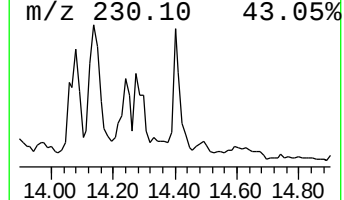
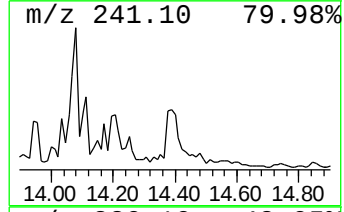
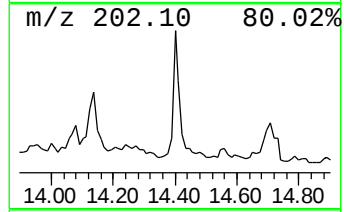
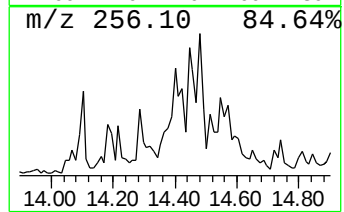
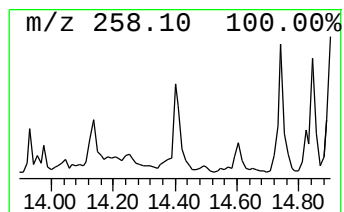
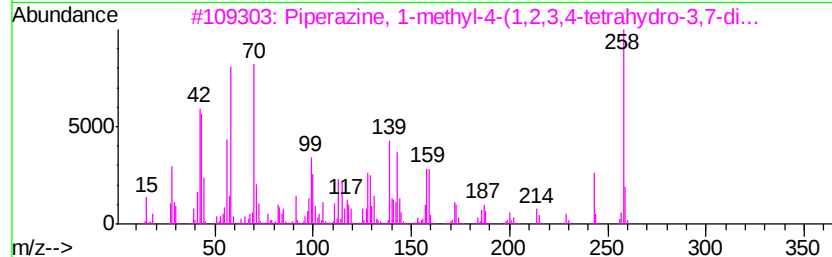
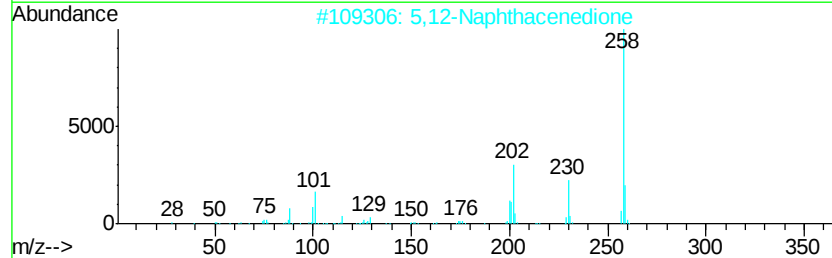
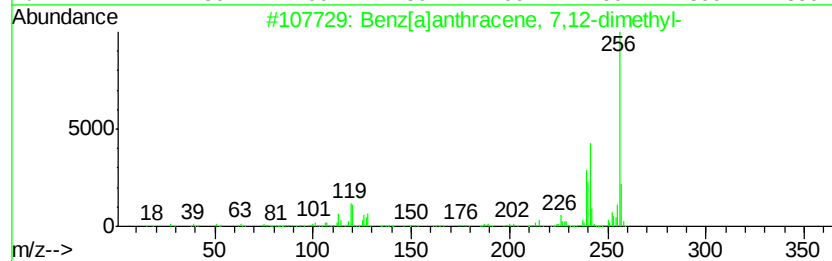
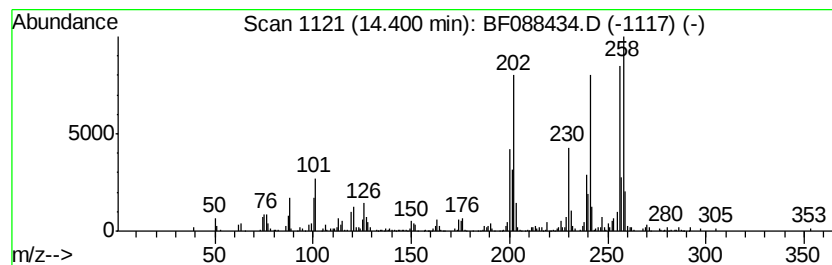
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benz[a]anthracene, 7,12-dim... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	7.36 ng	479597	Perylene-d12	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	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(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89
5		4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	48



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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Sample : H3663-07 5X
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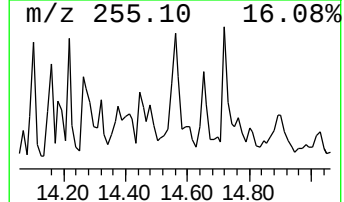
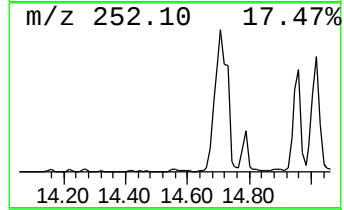
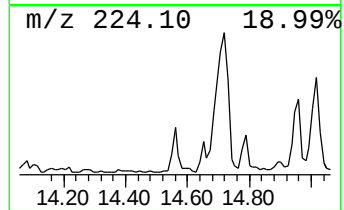
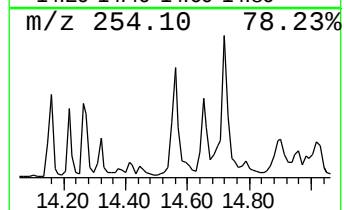
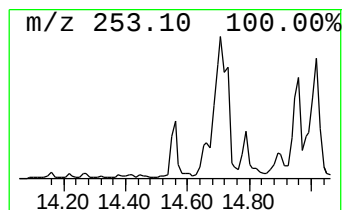
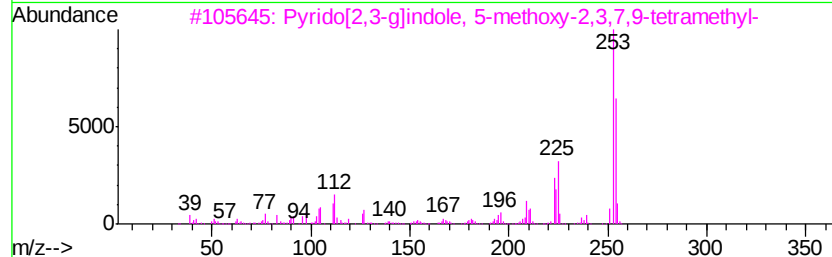
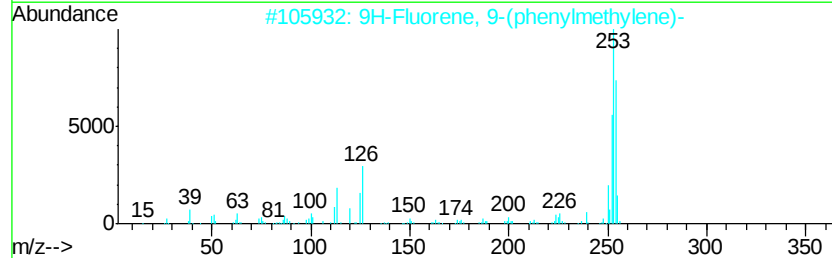
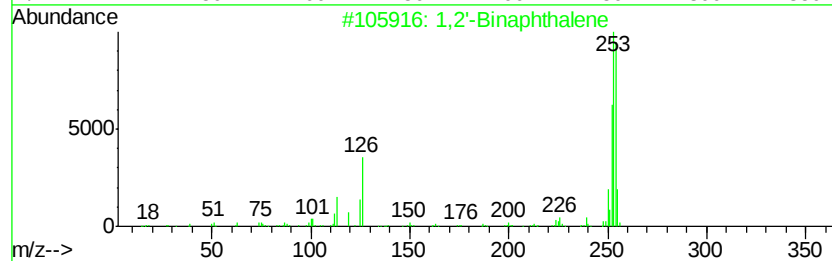
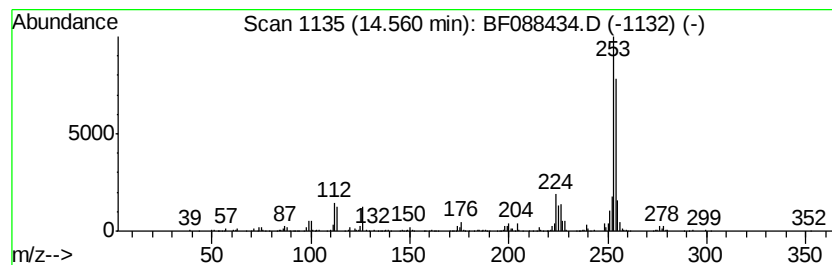
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,2'-Binaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	8.09 ng	527015	Perylene-d12	15.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,2'-Binaphthalene	254 C20H14	004325-74-0 87
2		9H-Fluorene, 9-(phenylmethylene)-	254 C20H14	001836-87-9 80
3		Pyrido[2,3-g]indole, 5-methoxy-2...	254 C16H18N2O	201991-45-9 72
4		4,5-Dihydrobenzo[el]pyrene	254 C20H14	095676-42-9 72
5		Benzofuran-6-ol-3-one, 2-[4-hydr...	254 C15H10O4	1000128-64-9 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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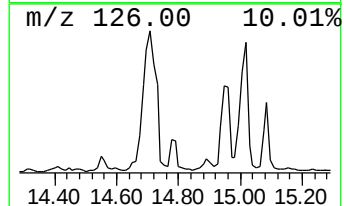
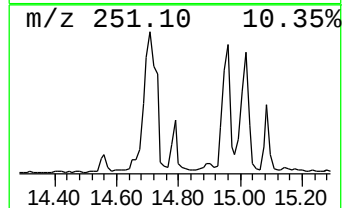
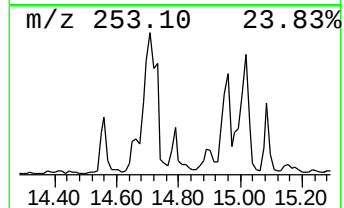
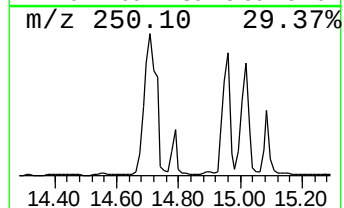
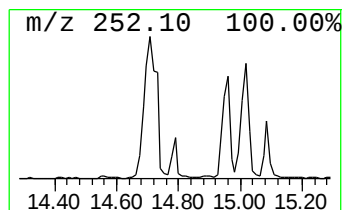
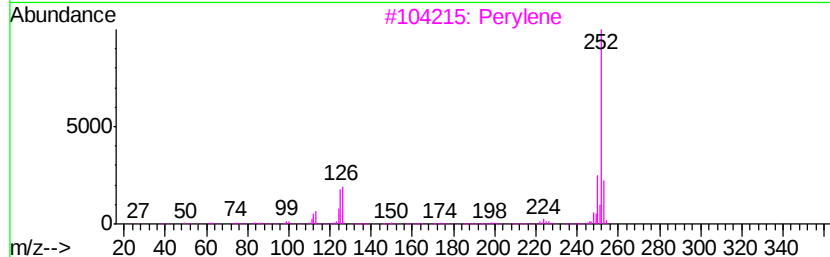
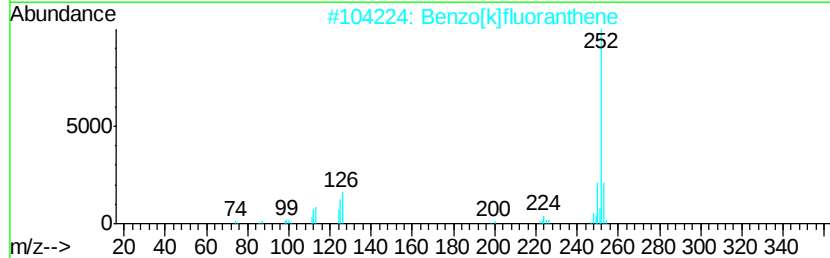
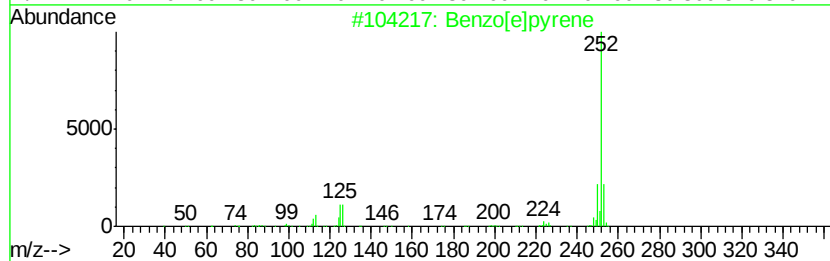
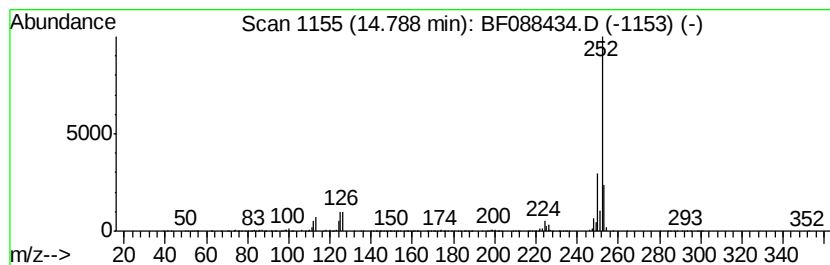
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.70 ng	566708	Perylene-d12	15.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



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Misc :
ALS Vial : 24 Sample Multiplier: 1

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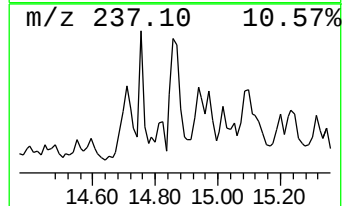
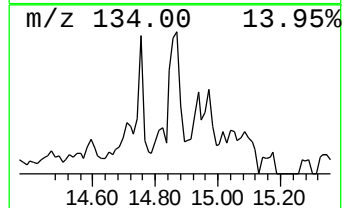
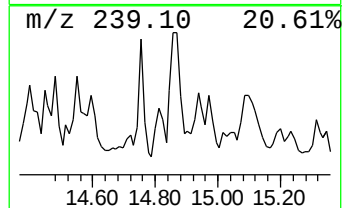
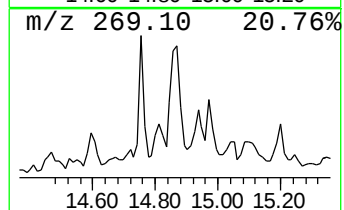
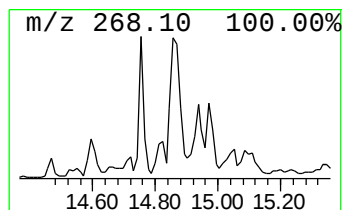
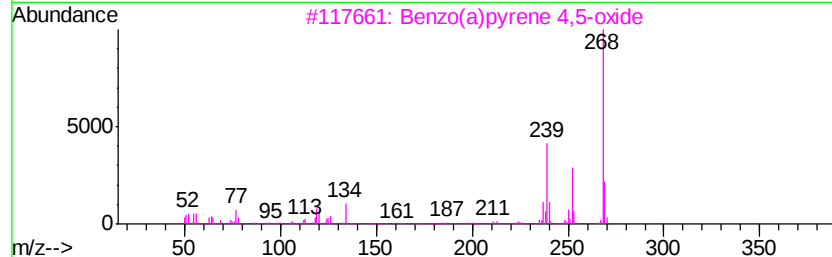
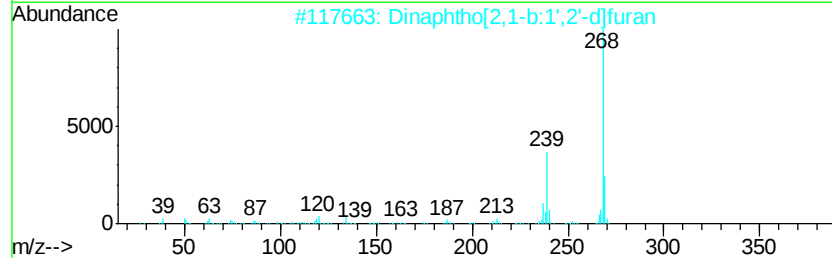
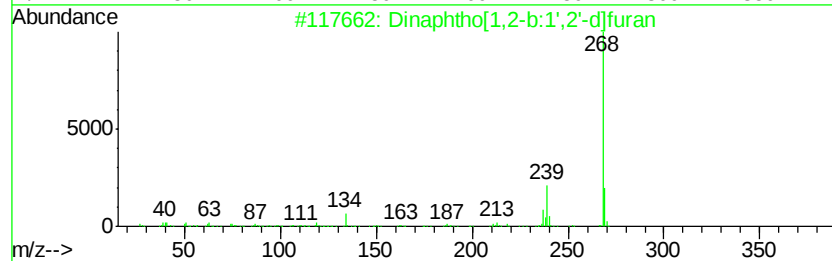
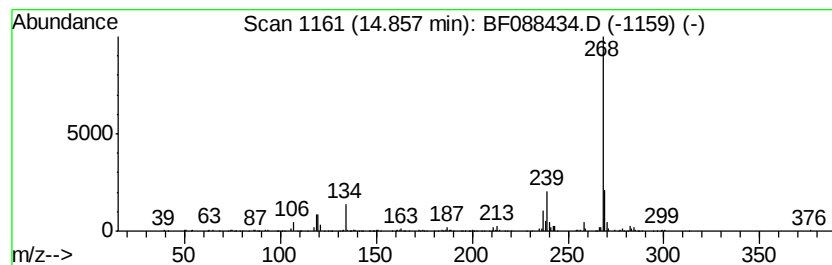
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.62 ng	366361	Perylene-d12	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	87
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
4		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	64
5		9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	64



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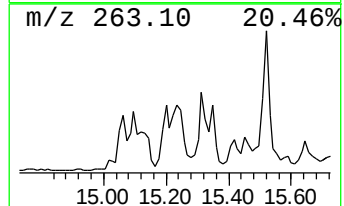
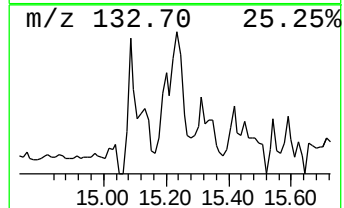
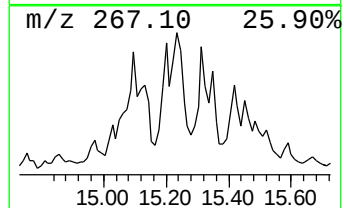
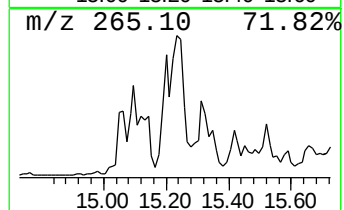
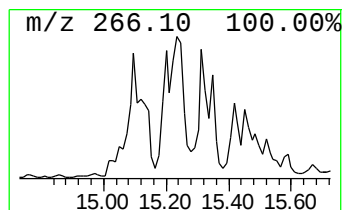
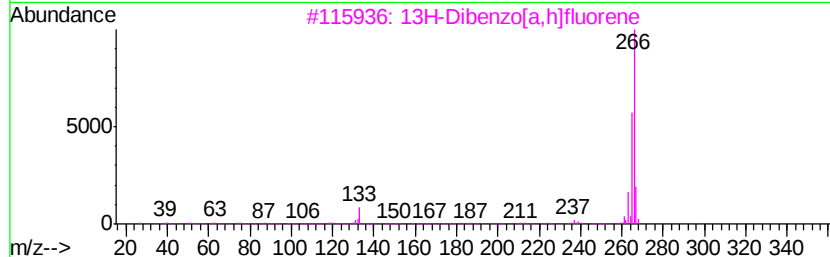
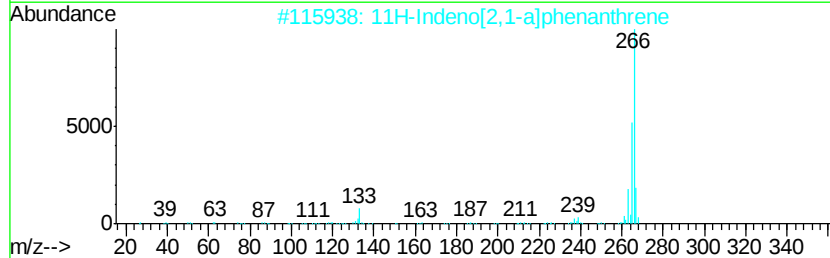
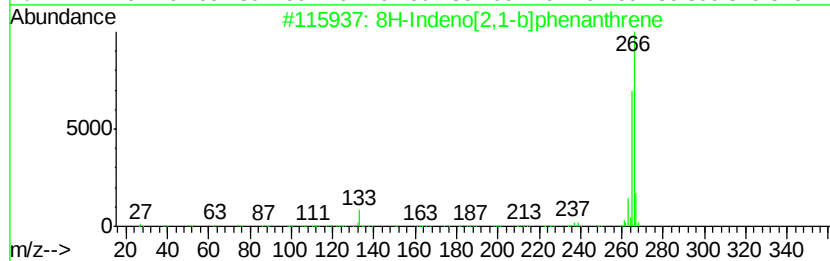
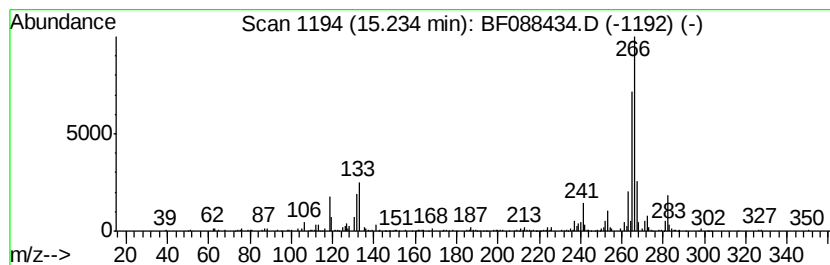
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 8H-Indeno[2,1-b]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	9.02 ng	587665	Perylene-d12	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	93
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	92
3		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	70
4		3-Chloro-6-methyl-11H-indolo[3,2...]	282	C16H11ClN2O	1000212-76-7	58
5		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088434.D
Acq On : 26 Jun 2016 22:49
Operator : UM/SJ
Sample : H3663-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

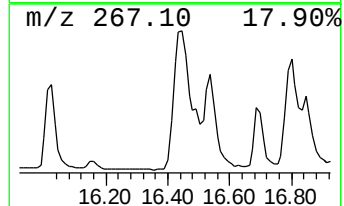
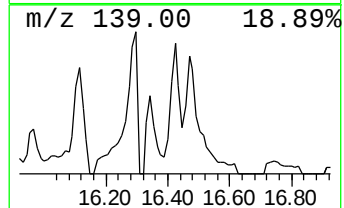
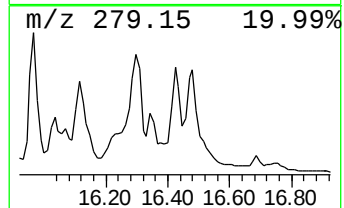
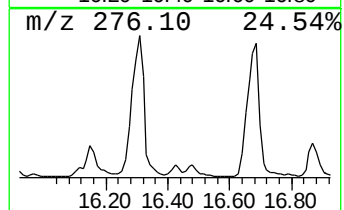
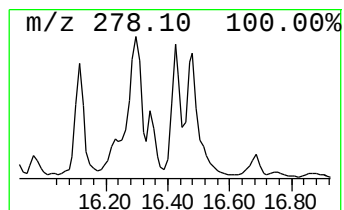
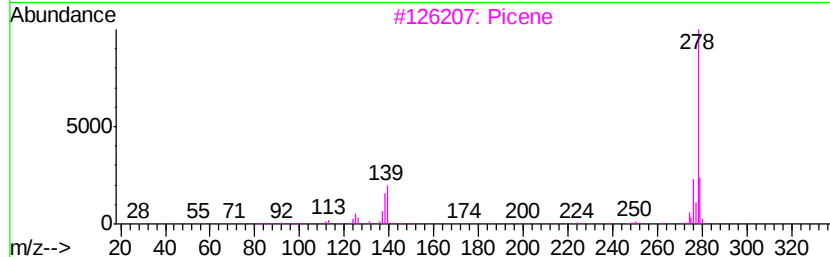
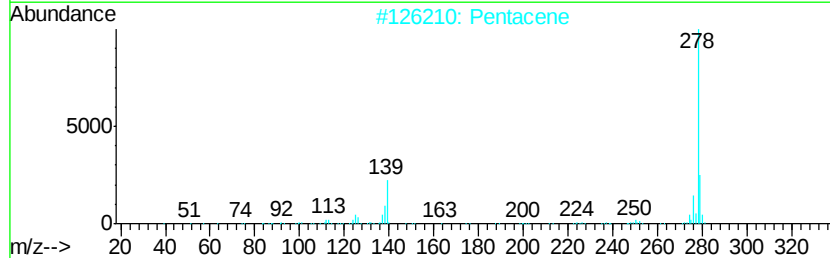
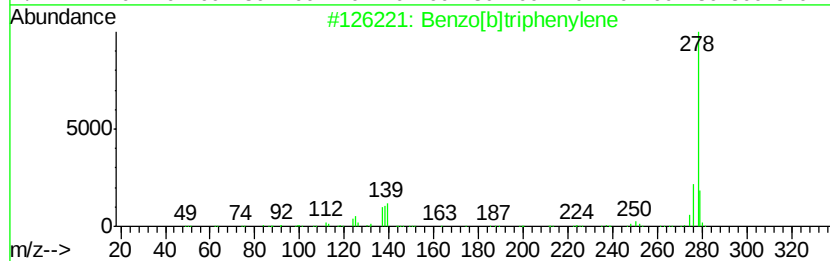
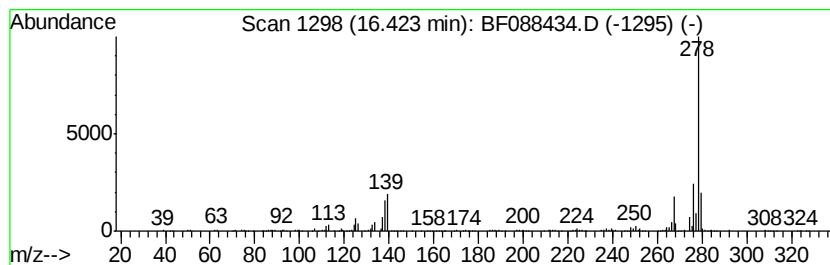
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	9.02 ng	587810	Perylene-d12	15.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2			Pentacene	278	C22H14	000135-48-8	93
3			Picene	278	C22H14	000213-46-7	93
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
5			Benzo[a]naphthacene	278	C22H14	000226-88-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088434.D
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Operator : UM/SJ
Sample : H3663-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

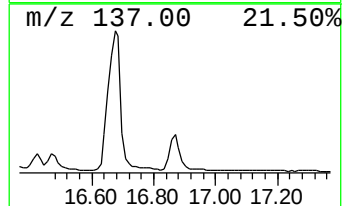
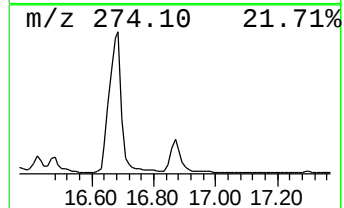
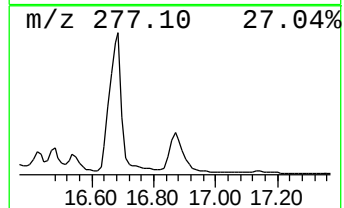
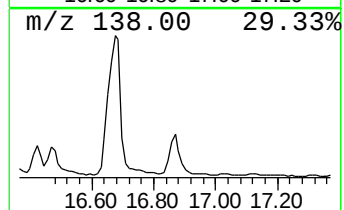
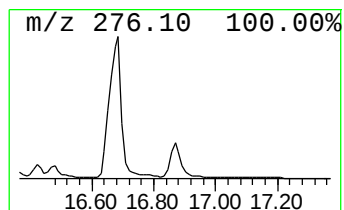
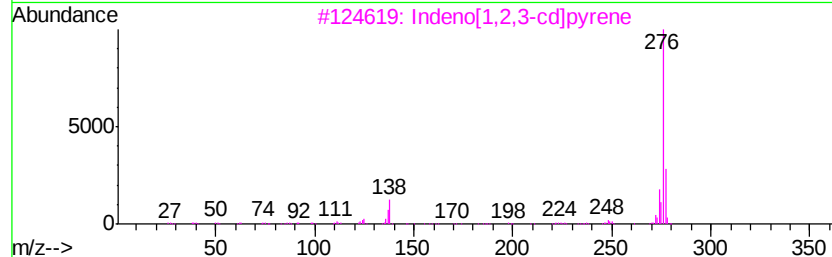
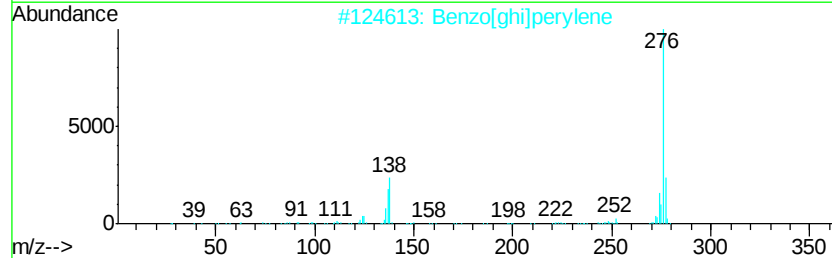
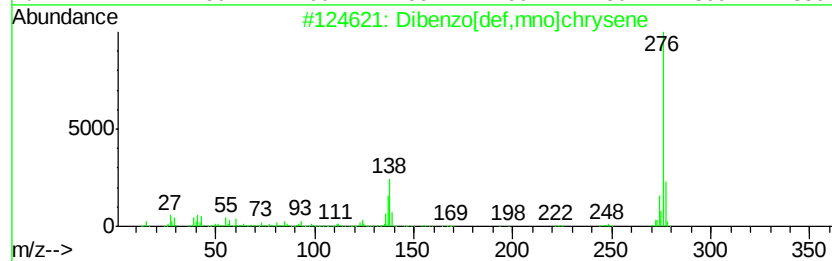
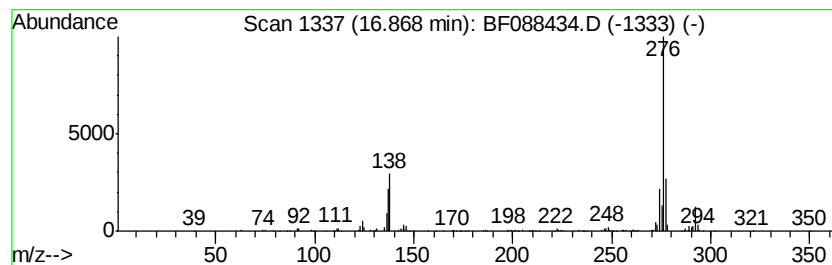
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	9.46 ng	616191	Perylene-d12	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	83
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5		Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
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Operator : UM/SJ
Sample : H3663-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

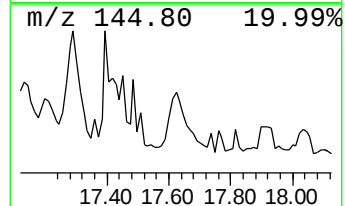
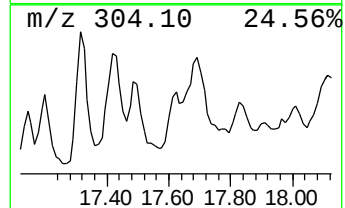
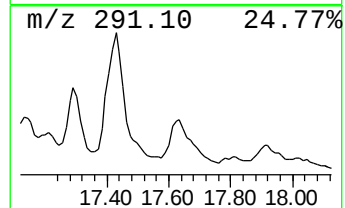
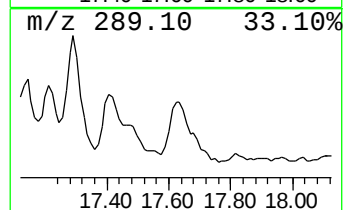
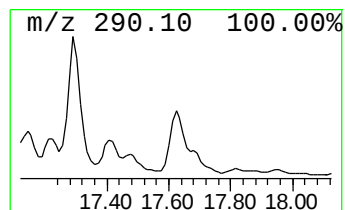
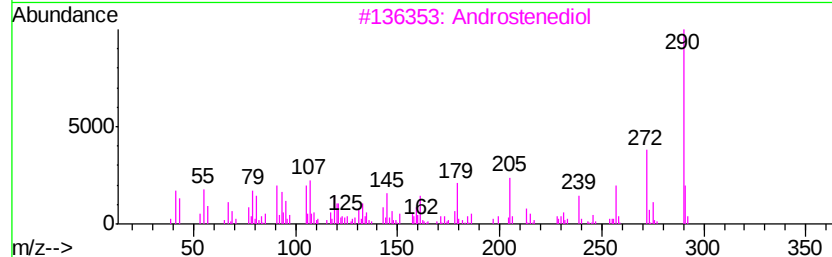
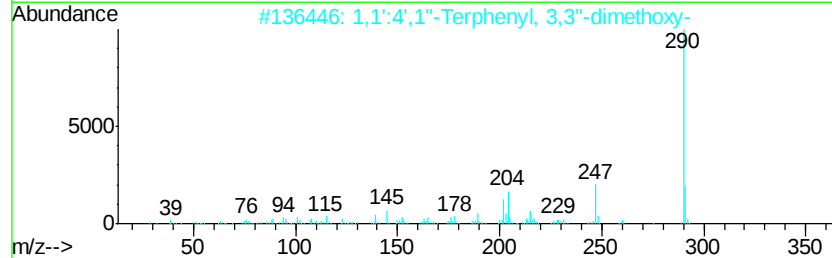
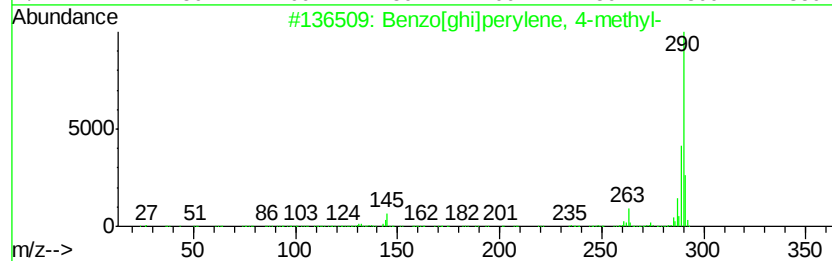
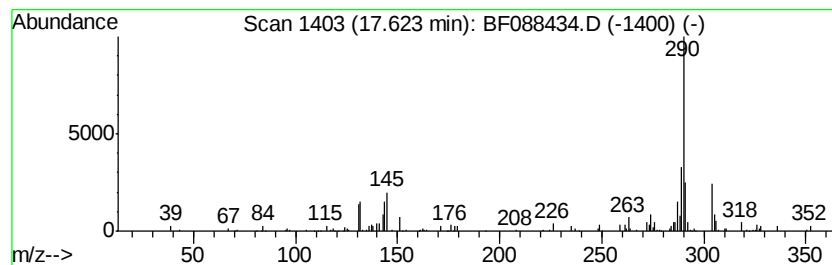
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[ghi]perylene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	5.98 ng	389497	Perylene-d12	15.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	60
2			1,1':4',1''-Terphenyl, 3,3''-dim...	290	C20H18O2	1000327-41-7	43
3			Androstenediol	290	C19H30O2	000521-17-5	43
4			Benzo[1,2-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000198-89-0	38
5			1,1-Dimethyl-2,5-diphenyl-3-ethy...	290	C20H22Si	149456-77-9	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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Sample : H3663-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

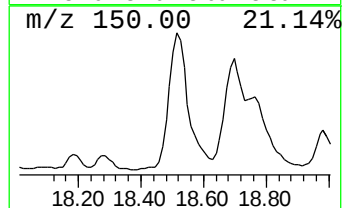
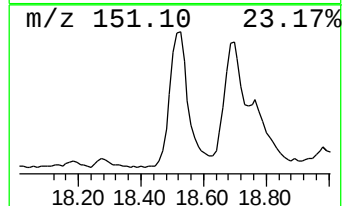
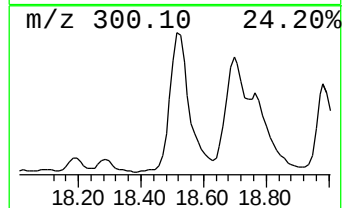
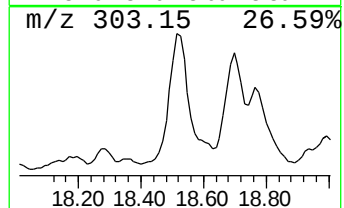
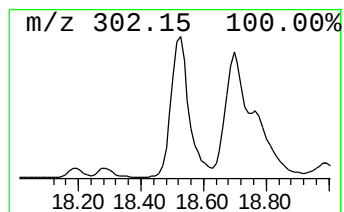
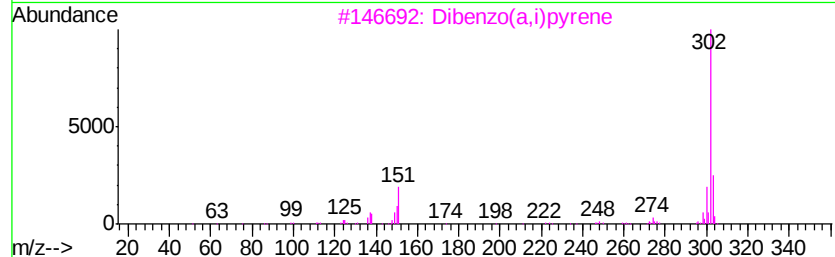
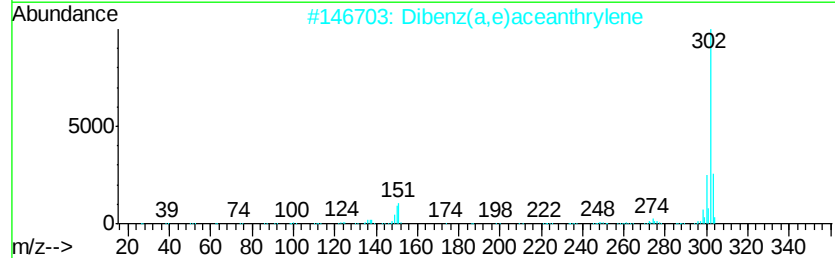
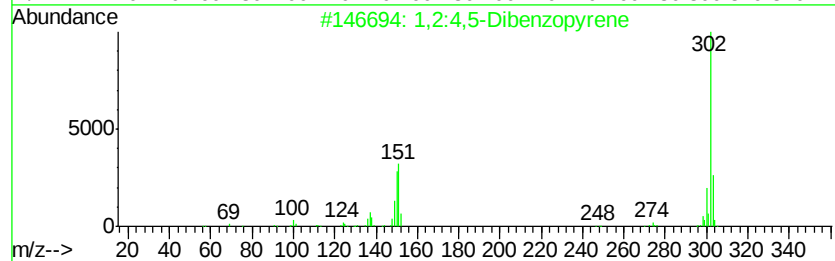
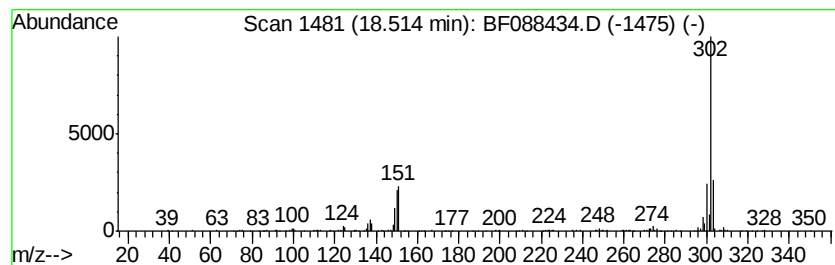
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:4,5-Dibenzopyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	15.81 ng	1030010	Perylene-d12	15.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
2			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	91
4			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89
5			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088434.D
 Acq On : 26 Jun 2016 22:49
 Operator : UM/SJ
 Sample : H3663-07 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUBSURFACEDUP

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
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11H-Benzo[b]fluorene	12.82	6.3	ng	1151980	5	13.70	3676510	20.0
Benzo[b]naphtho[1...	13.44	7.0	ng	1295770	5	13.70	3676510	20.0
11H-Benzo[a]carba...	13.90	6.5	ng	1190620	5	13.70	3676510	20.0
Benz[a]anthracene...	14.08	6.2	ng	1134110	5	13.70	3676510	20.0
Benz[a]anthracene...	14.40	7.4	ng	479597	6	15.06	1303200	20.0
1,2'-Binaphthalene	14.56	8.1	ng	527015	6	15.06	1303200	20.0
Benzo[e]pyrene	14.79	8.7	ng	566708	6	15.06	1303200	20.0
Dinaphtho[1,2-b:1...	14.86	5.6	ng	366361	6	15.06	1303200	20.0
8H-Indeno[2,1-b]p...	15.23	9.0	ng	587665	6	15.06	1303200	20.0
Benzo[b]triphenylene	16.42	9.0	ng	587810	6	15.06	1303200	20.0
Dibenzo[def,mno]c...	16.87	9.5	ng	616191	6	15.06	1303200	20.0
Benzo[ghi]perylene...	17.62	6.0	ng	389497	6	15.06	1303200	20.0
1,2:4,5-Dibenzopy...	18.51	15.8	ng	1030010	6	15.06	1303200	20.0