

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
 Data File : BF087815.D
 Acq On : 8 Jun 2016 17:51
 Operator : UM/SJ
 Sample : H3378-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-14

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	1.758	14	15	24	rVB	80071	170680	3.23%	0.276%
2	1.884	24	26	74	rVB	2293293	4705762	89.13%	7.597%
3	5.404	332	334	337	rVB	504941	451736	8.56%	0.729%
4	6.444	423	425	428	rVB	493166	436434	8.27%	0.705%
5	6.582	435	437	440	rVB	385333	491772	9.31%	0.794%
6	6.822	456	458	461	rBV	747805	635910	12.05%	1.027%
7	6.982	469	472	473	rBV	469430	412354	7.81%	0.666%
8	7.382	505	507	510	rVB	354078	292131	5.53%	0.472%
9	8.136	568	573	575	rBV2	2817330	3384695	64.11%	5.464%
10	8.822	631	633	636	rBV	972450	862966	16.35%	1.393%
11	8.925	639	642	644	rVB	596649	490222	9.29%	0.791%
12	9.187	663	665	668	rVB	688320	592297	11.22%	0.956%
13	9.290	672	674	676	rVV	310322	246262	4.66%	0.398%
14	9.450	685	688	691	rBV	168925	236148	4.47%	0.381%
15	9.530	692	695	696	rVV	224477	242172	4.59%	0.391%
16	9.553	696	697	699	rVV	176371	138770	2.63%	0.224%
17	9.645	703	705	710	rVV	122741	124864	2.37%	0.202%
18	9.725	710	712	715	rVB	160985	148401	2.81%	0.240%
19	9.873	721	725	726	rBV2	858023	1008926	19.11%	1.629%
20	9.908	726	728	729	rVV	855566	1027016	19.45%	1.658%
21	10.079	740	743	744	rVV	702772	890624	16.87%	1.438%
22	10.422	770	773	775	rVV	1553181	1586497	30.05%	2.561%
23	10.479	775	778	779	rVV	104690	158592	3.00%	0.256%
24	10.502	779	780	781	rVV	200311	157300	2.98%	0.254%
25	10.548	781	784	785	rVV2	107347	145941	2.76%	0.236%
26	10.570	785	786	789	rVV	219051	202267	3.83%	0.327%
27	10.650	789	793	796	rVV2	502260	656286	12.43%	1.060%
28	10.959	817	820	824	rBV2	164377	328067	6.21%	0.530%
29	11.051	824	828	829	rVB2	66462	104394	1.98%	0.169%
30	11.119	829	834	836	rBV3	64550	189518	3.59%	0.306%
31	11.245	843	845	848	rVB	263547	319714	6.06%	0.516%
32	11.393	852	858	859	rBV2	3336330	5279416	100.00%	8.523%
33	11.439	859	862	863	rVB	1539329	1661291	31.47%	2.682%
34	11.462	863	864	866	rVB	245119	194711	3.69%	0.314%

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35	11.588	871	875	876 rBV	831263	834588	15.81%	1.347%
36	11.656	879	881	882 rBV2	89451	103532	1.96%	0.167%
37	11.862	896	899	900 rBV	300607	506498	9.59%	0.818%
38	11.885	900	901	903 rVB	727704	546476	10.35%	0.882%
39	11.931	903	905	906 rBV	317360	286441	5.43%	0.462%
40	11.965	906	908	912 rVB2	792347	1141657	21.62%	1.843%
41	12.148	923	924	928 rVB	265684	306635	5.81%	0.495%
42	12.411	944	947	948 rBV	119091	185510	3.51%	0.299%
43	12.445	948	950	953 rVB2	100906	156471	2.96%	0.253%
44	12.491	953	954	958 rVB2	67949	105501	2.00%	0.170%
45	12.571	958	961	964 rBV	2456367	3204322	60.69%	5.173%
46	12.628	964	966	968 rBV2	78250	121127	2.29%	0.196%
47	12.719	970	974	978 rBV2	105982	221082	4.19%	0.357%
48	12.799	978	981	984 rBV2	2127053	3216637	60.93%	5.193%
49	12.845	984	985	988 rVB2	169967	162477	3.08%	0.262%
50	12.914	988	991	992 rBV	242316	227452	4.31%	0.367%
51	12.948	992	994	996 rVB	523645	645457	12.23%	1.042%
52	13.016	996	1000	1001 rBV2	189547	306773	5.81%	0.495%
53	13.039	1001	1002	1004 rVB	130442	117138	2.22%	0.189%
54	13.119	1004	1009	1011 rVB	553962	896476	16.98%	1.447%
55	13.188	1013	1015	1017 rBV	703491	734152	13.91%	1.185%
56	13.222	1017	1018	1022 rVB2	272466	396365	7.51%	0.640%
57	13.314	1025	1026	1028 rBV	96372	98483	1.87%	0.159%
58	13.348	1028	1029	1032 rBV2	141855	137500	2.60%	0.222%
59	13.531	1042	1045	1048 rVB2	85827	196679	3.73%	0.318%
60	13.611	1050	1052	1053 rBV2	87912	157082	2.98%	0.254%
61	13.736	1060	1063	1065 rBV	189193	299857	5.68%	0.484%
62	13.771	1065	1066	1067 rVV	273156	264450	5.01%	0.427%
63	13.794	1067	1068	1075 rVV3	204979	404576	7.66%	0.653%
64	13.908	1075	1078	1080 rVV2	77935	126806	2.40%	0.205%
65	13.988	1081	1085	1087 rVV2	1605274	2919344	55.30%	4.713%
66	14.022	1087	1088	1091 rVV	1304704	1192638	22.59%	1.925%
67	14.102	1091	1095	1096 rVV	379015	436950	8.28%	0.705%
68	14.137	1096	1098	1100 rVV2	136759	236720	4.48%	0.382%
69	14.182	1100	1102	1103 rVV	254195	280333	5.31%	0.453%
70	14.217	1103	1105	1107 rVV2	248059	338523	6.41%	0.547%
71	14.319	1111	1114	1115 rBV2	88985	139578	2.64%	0.225%

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72	14.342	1115	1116	1117	rVV	114693	118327	2.24%	0.191%
73	14.377	1117	1119	1121	rVV	327593	434599	8.23%	0.702%
74	14.411	1121	1122	1124	rVV	165433	172066	3.26%	0.278%
75	14.468	1124	1127	1129	rVV3	218136	409855	7.76%	0.662%
76	14.525	1129	1132	1134	rVV3	288145	510909	9.68%	0.825%
77	14.559	1134	1135	1139	rVB3	96039	186624	3.53%	0.301%
78	14.708	1143	1148	1151	rBV3	87699	266249	5.04%	0.430%
79	14.857	1159	1161	1165	rBV	93123	133096	2.52%	0.215%
80	15.017	1172	1175	1180	rBV	964193	2351707	44.54%	3.797%
81	15.120	1180	1184	1187	rVB	331032	395873	7.50%	0.639%
82	15.222	1189	1193	1194	rBV2	82445	181341	3.43%	0.293%
83	15.257	1194	1196	1198	rVV2	67897	136733	2.59%	0.221%
84	15.302	1198	1200	1203	rVV	495729	796775	15.09%	1.286%
85	15.371	1203	1206	1209	rVV	949733	1264758	23.96%	2.042%
86	15.428	1209	1211	1212	rVV	491186	614643	11.64%	0.992%
87	15.462	1212	1214	1217	rVB2	267833	425344	8.06%	0.687%
88	15.622	1222	1228	1232	rVV3	139344	641467	12.15%	1.036%
89	15.691	1232	1234	1236	rVV3	60133	145830	2.76%	0.235%
90	15.771	1239	1241	1244	rVB3	60706	113695	2.15%	0.184%
91	15.885	1249	1251	1255	rVV4	45415	139764	2.65%	0.226%
92	15.954	1255	1257	1261	rVB	99902	159585	3.02%	0.258%
93	16.651	1313	1318	1321	rBV4	78183	235968	4.47%	0.381%
94	16.811	1326	1332	1336	rVB2	337272	780990	14.79%	1.261%
95	16.983	1343	1347	1350	rBV2	95109	216786	4.11%	0.350%
96	17.234	1365	1369	1378	rBV	251006	665833	12.61%	1.075%
97	17.383	1378	1382	1385	rVV4	50886	167416	3.17%	0.270%
98	17.463	1385	1389	1396	rVB	108838	286927	5.43%	0.463%
99	19.360	1548	1555	1562	rVB	56030	230381	4.36%	0.372%
100	19.531	1564	1570	1571	rBV2	45219	131365	2.49%	0.212%

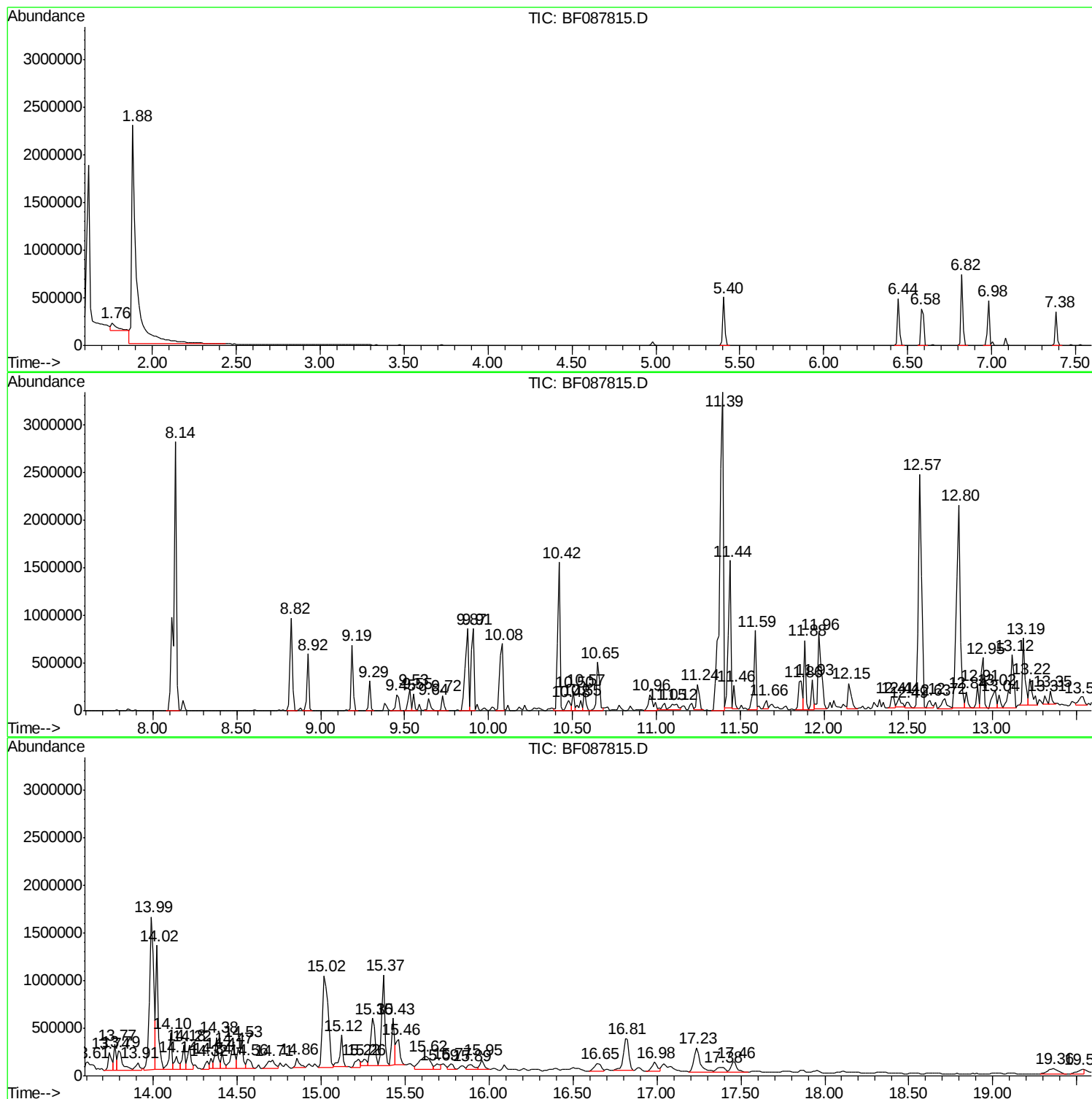
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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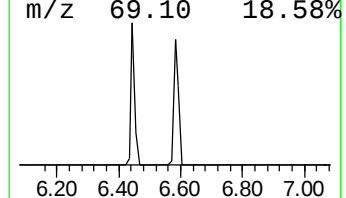
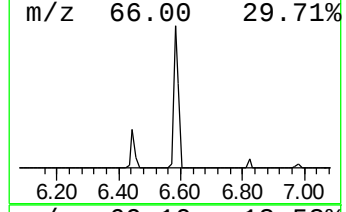
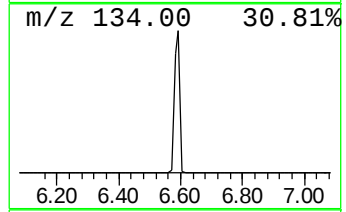
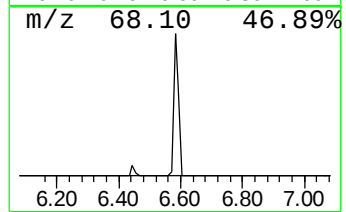
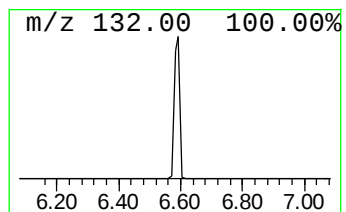
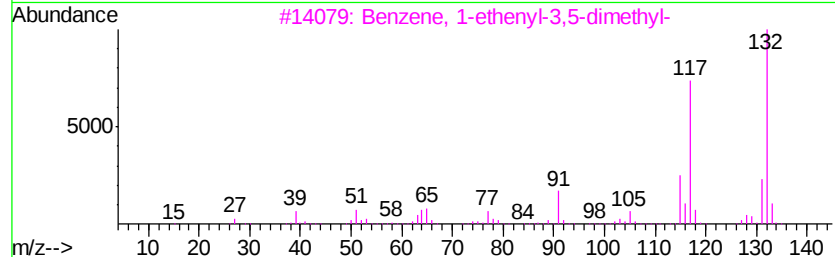
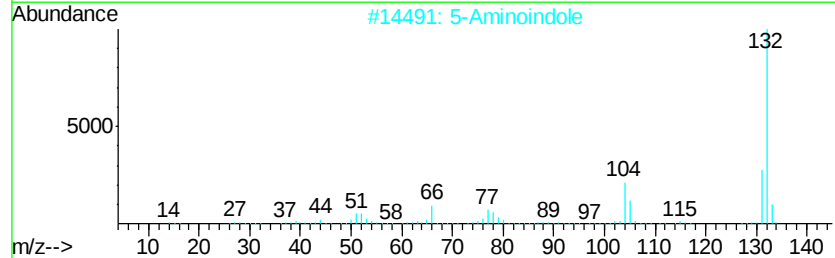
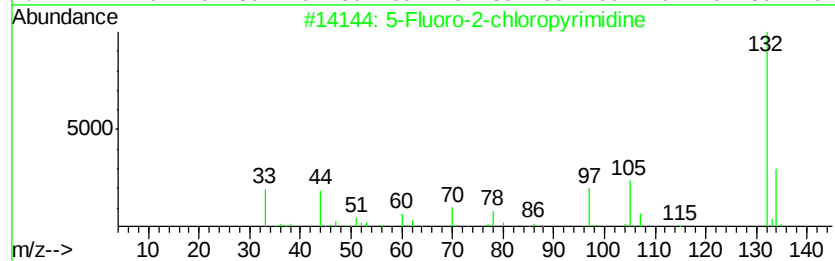
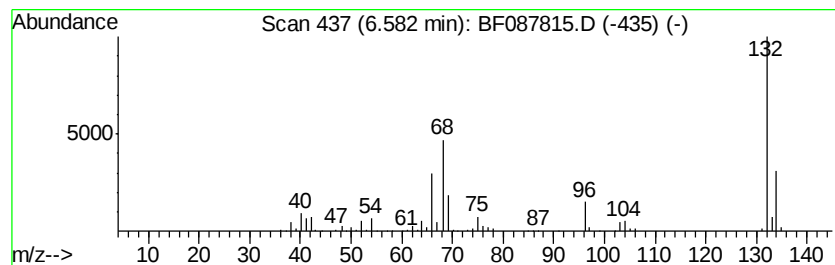
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.58 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	15.47 ng	491772	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		Xenon	132	Xe	007440-63-3	9
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9



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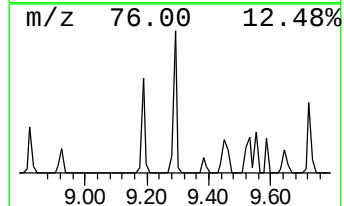
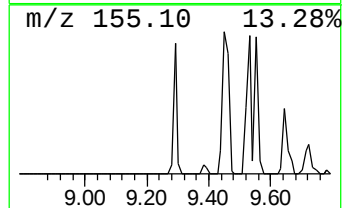
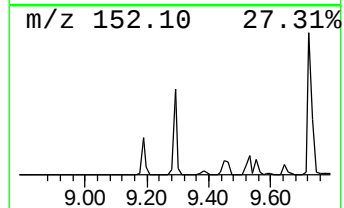
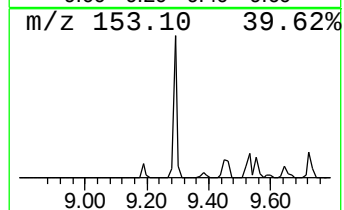
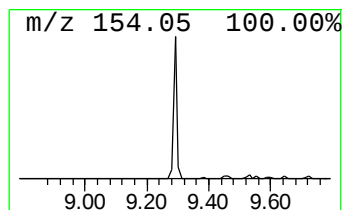
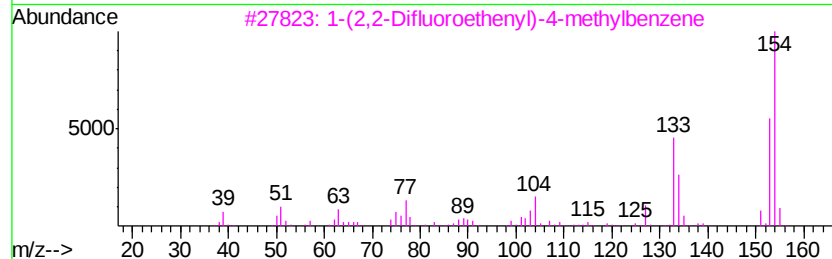
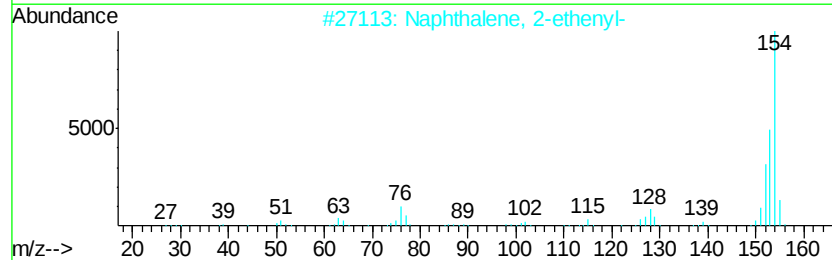
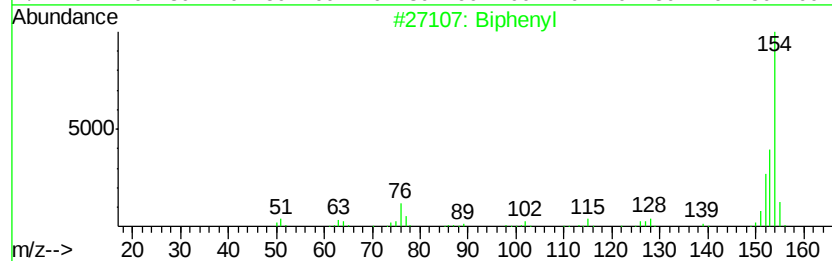
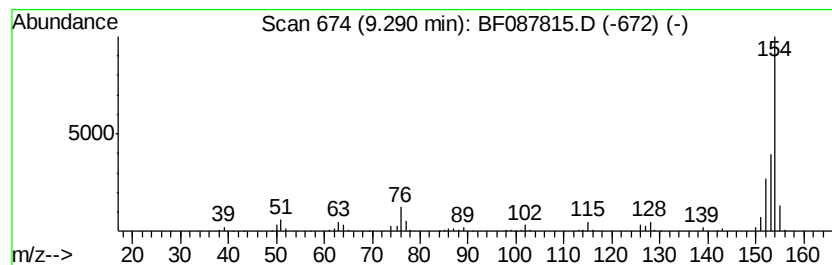
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Biphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.29	4.88 ng	246262	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
3	1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	59
4	3-Quinolinecarbonitrile	154	C10H6N2	034846-64-5	47
5	Acenaphthene	154	C12H10	000083-32-9	47



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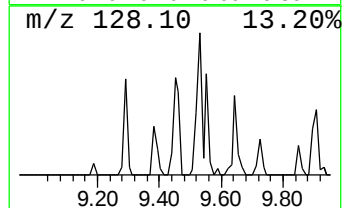
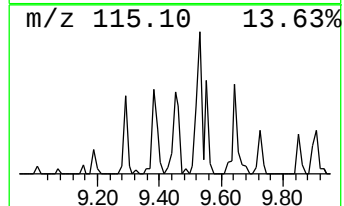
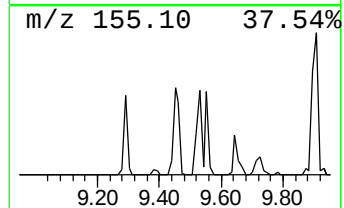
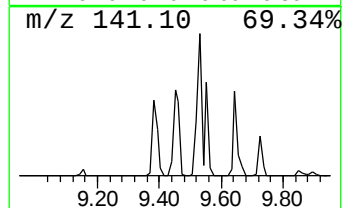
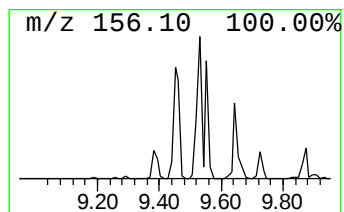
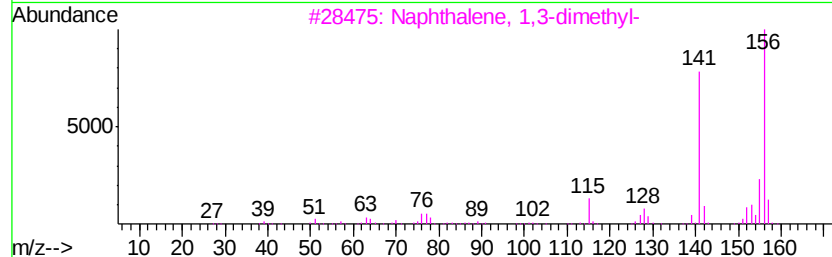
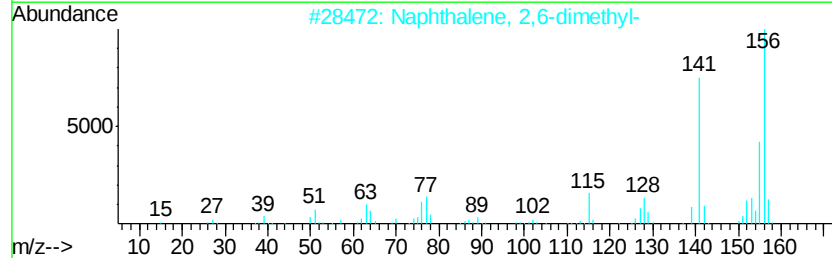
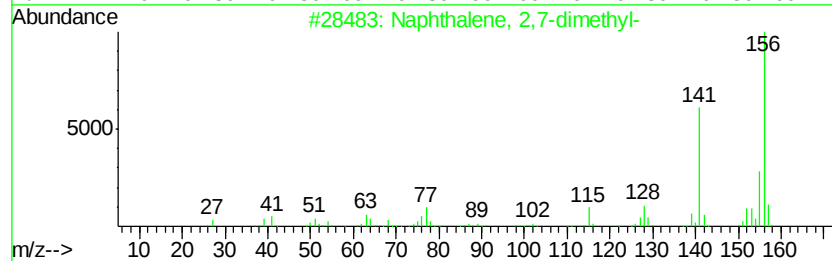
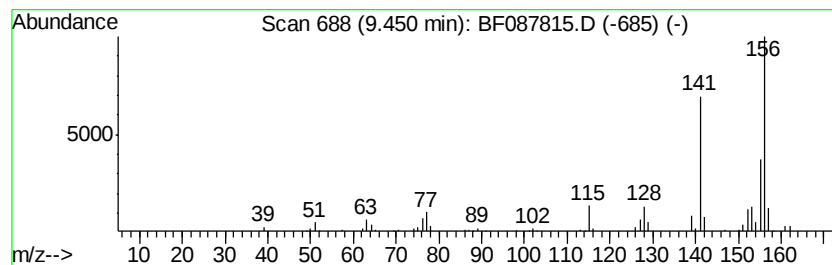
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Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	4.68 ng	236148	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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Sample : H3378-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-14

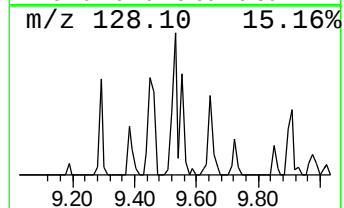
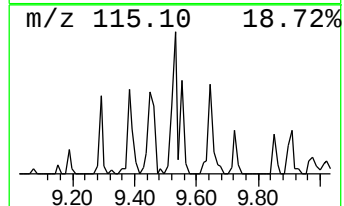
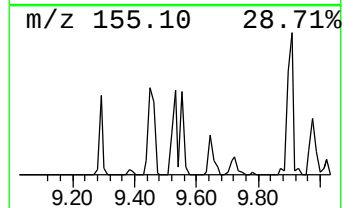
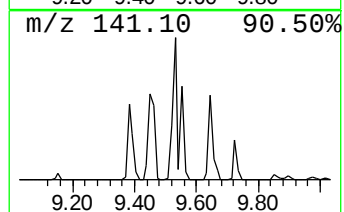
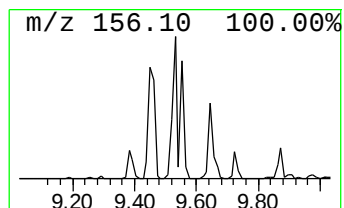
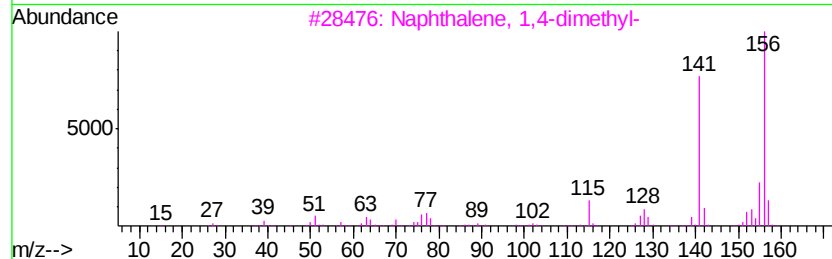
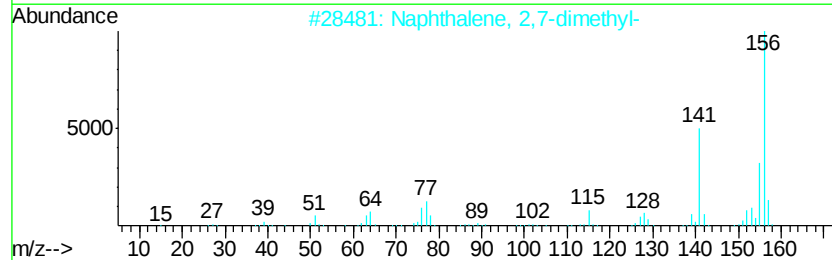
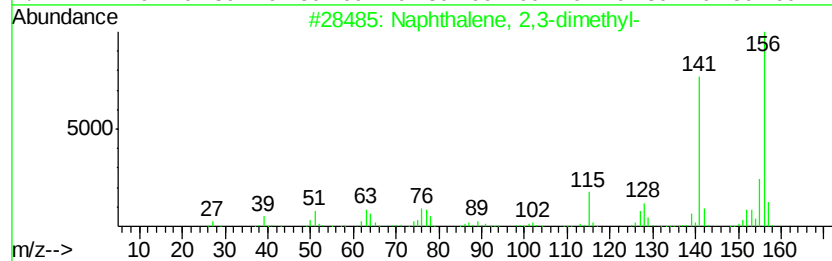
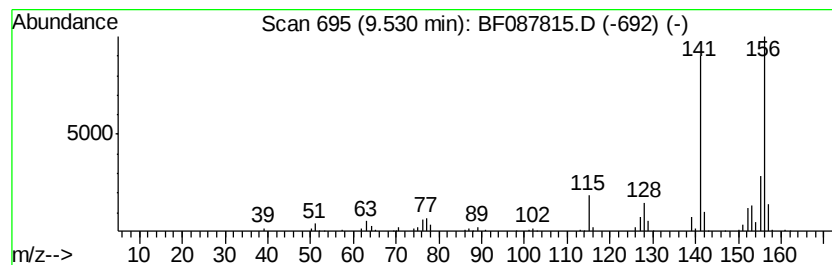
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	4.80 ng	242172	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087815.D
Acq On : 8 Jun 2016 17:51
Operator : UM/SJ
Sample : H3378-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

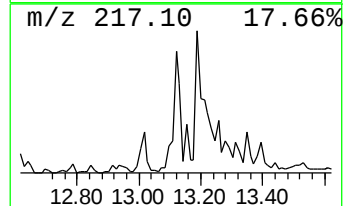
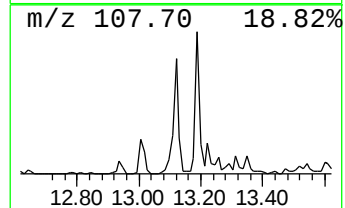
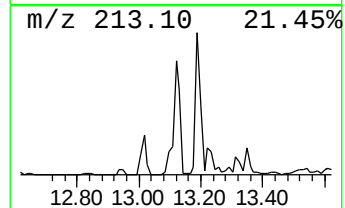
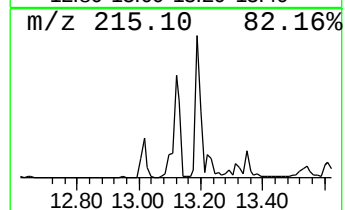
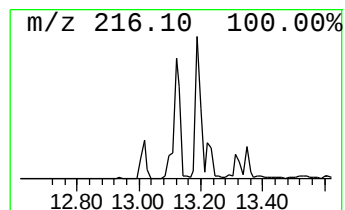
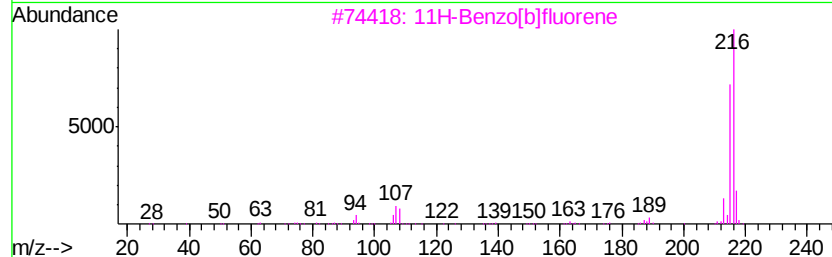
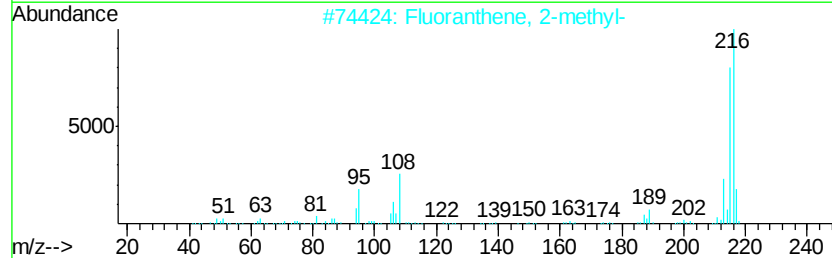
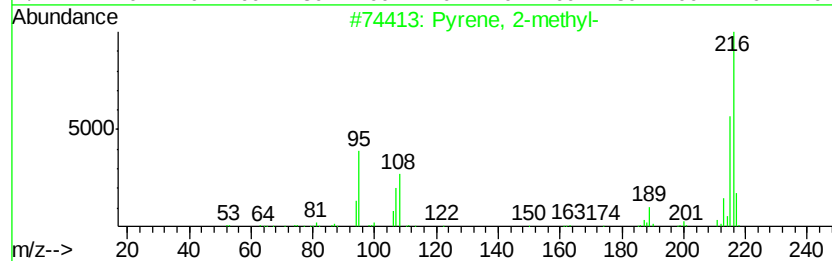
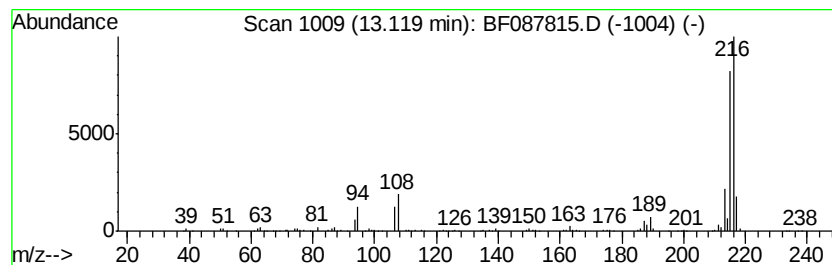
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.12	6.14 ng	896476	Chrysene-d12		14.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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Operator : UM/SJ
Sample : H3378-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

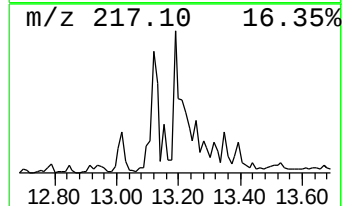
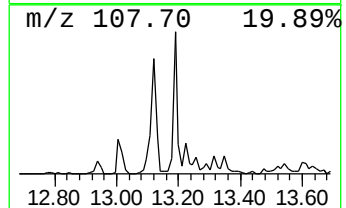
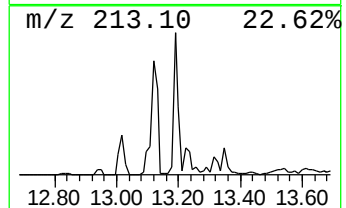
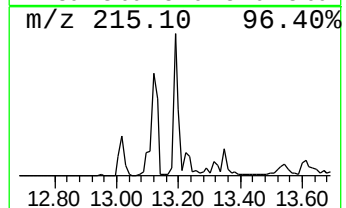
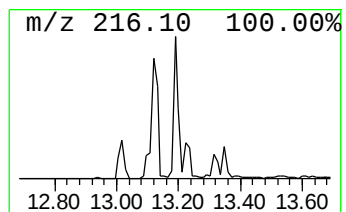
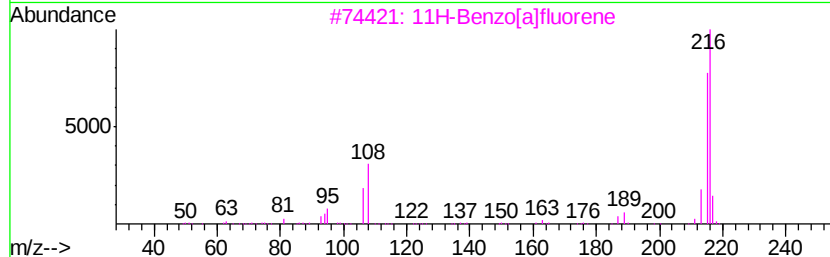
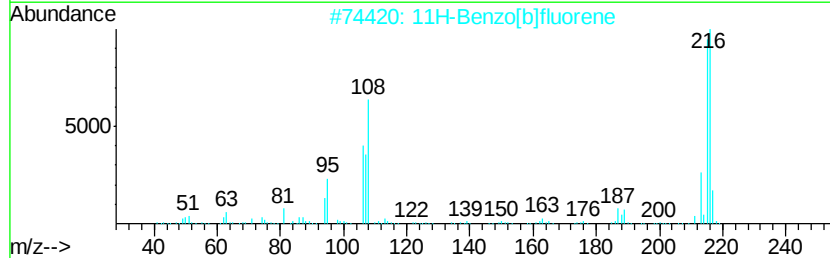
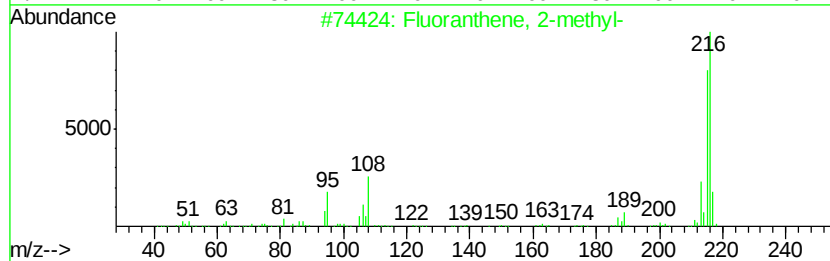
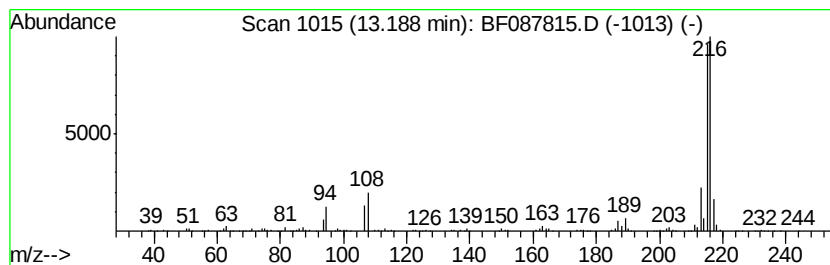
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.19	5.03 ng	734152	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087815.D
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Sample : H3378-01 5X
Misc :
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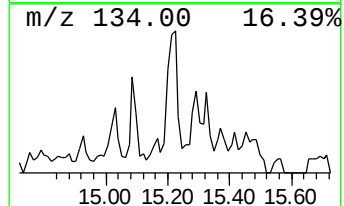
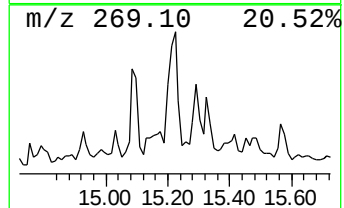
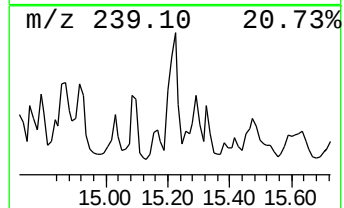
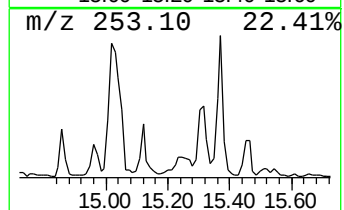
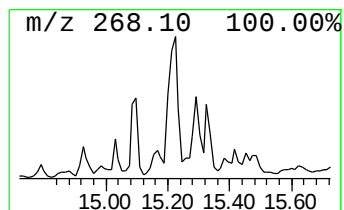
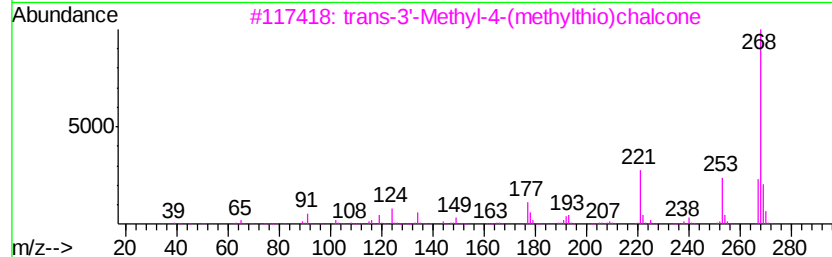
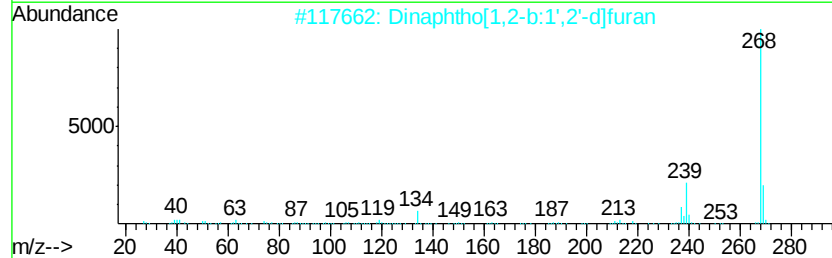
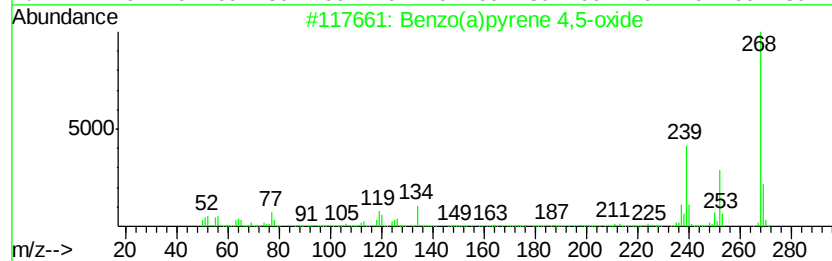
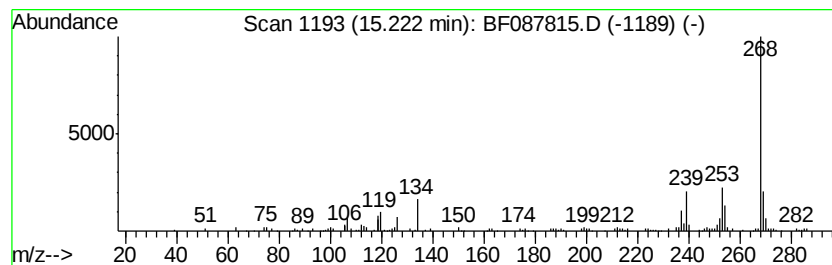
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo(a)pyrene 4,5-oxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.90 ng	181341	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo(a)pyrene 4,5-oxide	268 C20H12O	037574-47-3 74
2		Dinaphtho[1,2-b:1',2'-d]furan	268 C20H12O	000207-93-2 68
3		trans-3'-Methyl-4-(methylthio)ch...	268 C17H16OS	131316-14-8 59
4		Benzene, 1,1'-(1-ethyl-1,2-ethen...	268 C18H20O2	025346-90-1 58
5		3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268 C17H20N2O	080249-75-8 55



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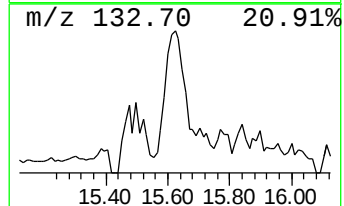
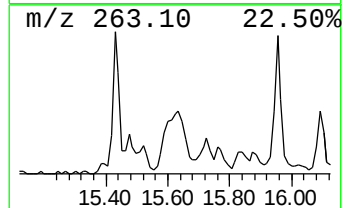
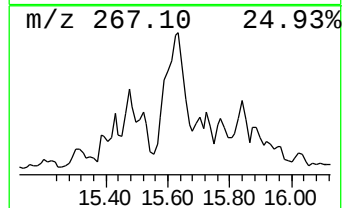
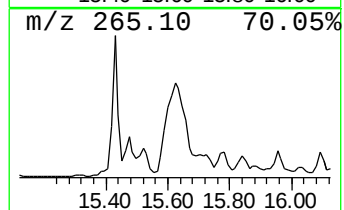
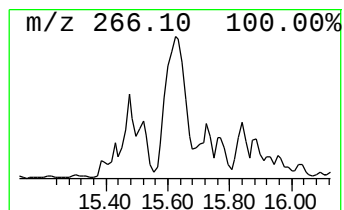
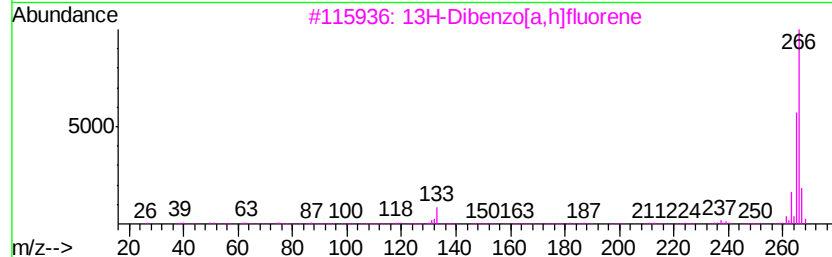
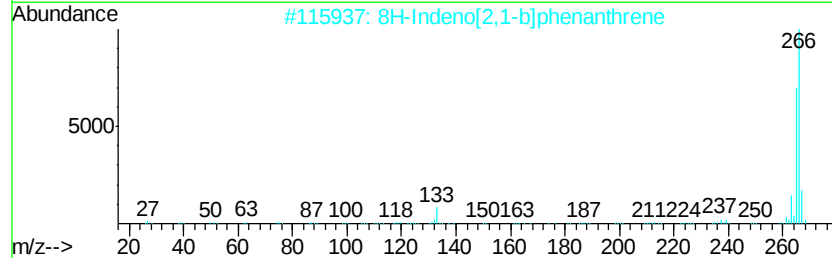
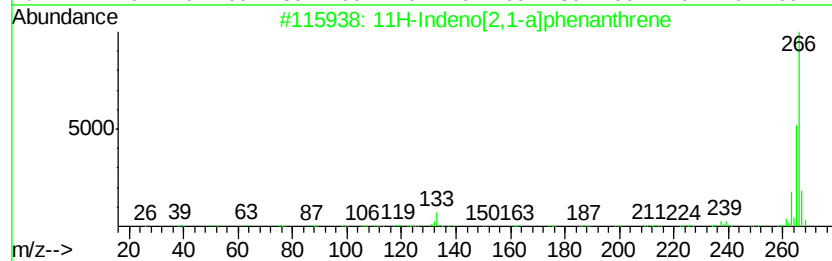
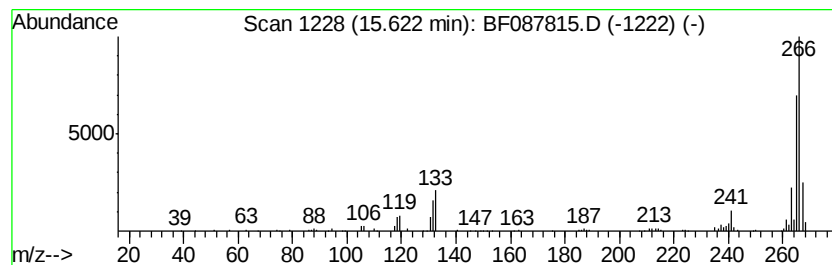
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Indeno[2,1-a]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	20.87 ng	641467	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	94
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	81
3		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	76
4		Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	64
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59



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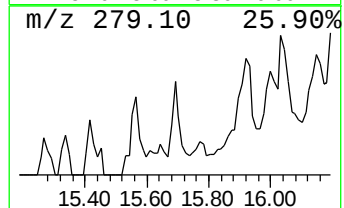
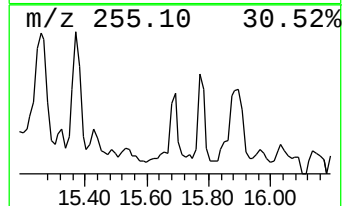
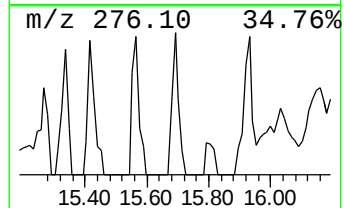
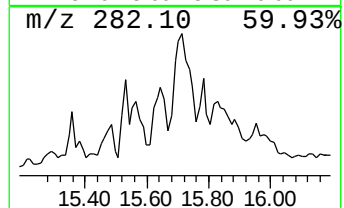
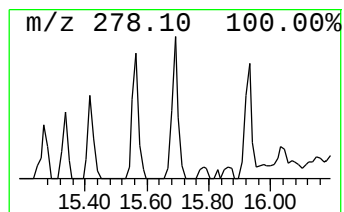
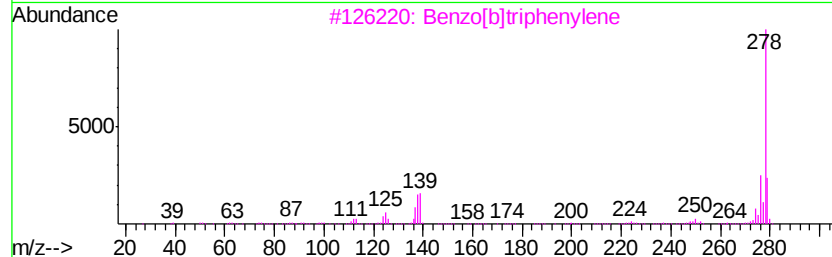
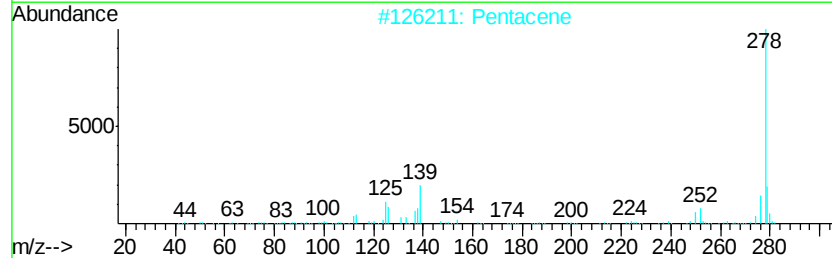
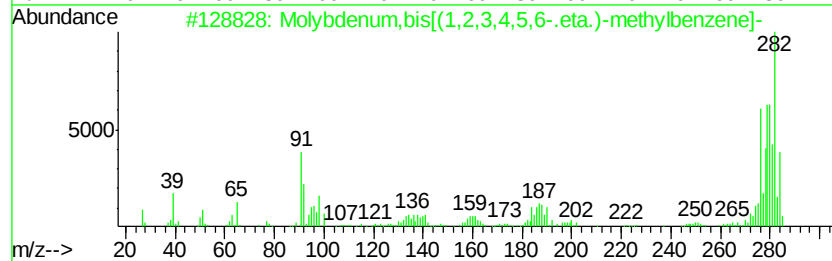
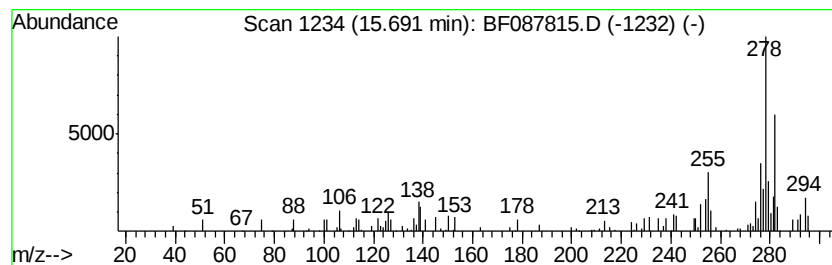
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown15.69 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	4.75 ng	145830	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Molybdenum, bis[(1,2,3,4,5,6-.eta...	282	C14H16Mo	012131-22-5	46
2		Pentacene	278	C22H14	000135-48-8	41
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	41
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	38
5		Picene	278	C22H14	000213-46-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
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ALS Vial : 10 Sample Multiplier: 1

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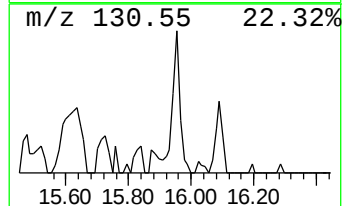
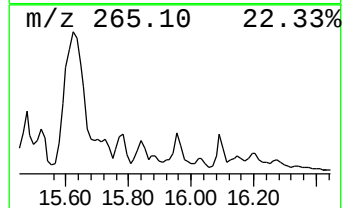
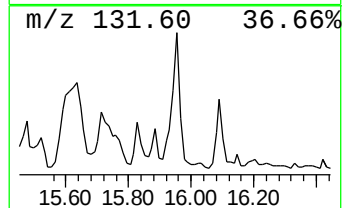
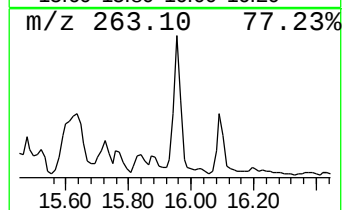
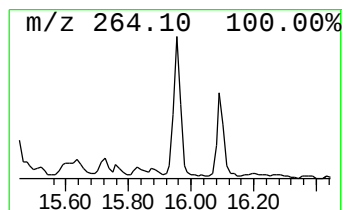
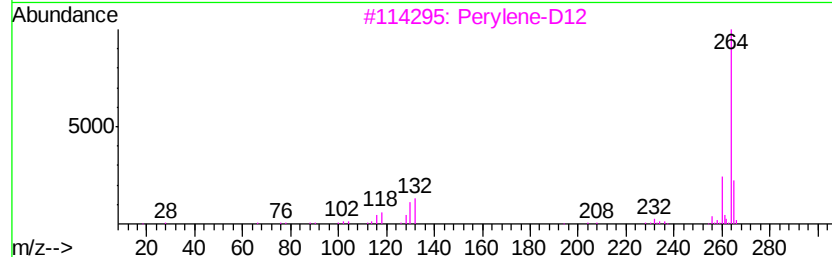
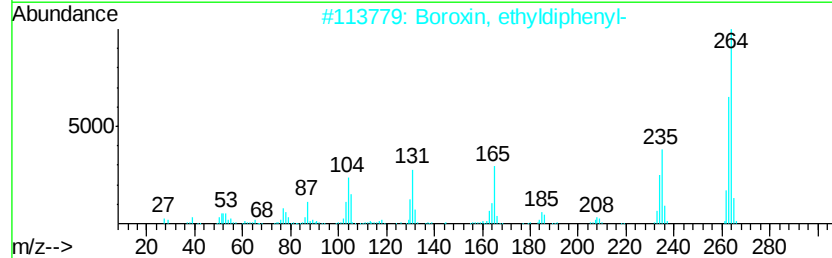
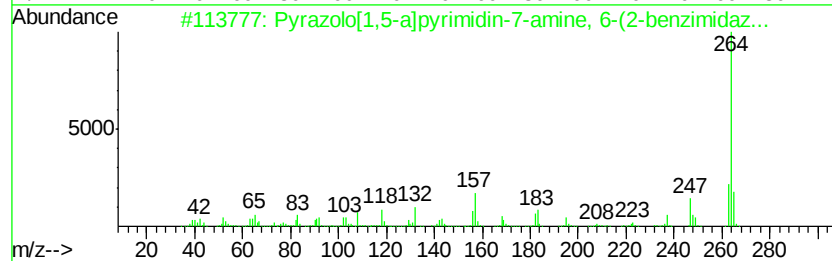
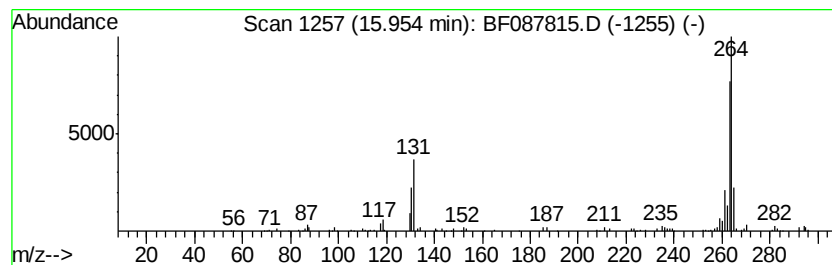
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown15.95 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	5.19 ng	159585	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pvrazolo[1,5- α pyrimidin-7-amine...	264	C14H12N6	1000276-36-9	35
2			Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	33
3			Pervlene-D12	264	C20D12	001520-96-3	27
4			7,9-Diamino-5,6,8,10-tetraaza-be...	264	C13H8N6O	052559-29-2	27
5			3-Chloro-1-diethylamino-7-ethyl-...	292	C15H21ClN4	1000274-36-7	25



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Acq On : 8 Jun 2016 17:51
Operator : UM/SJ
Sample : H3378-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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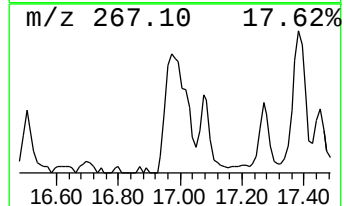
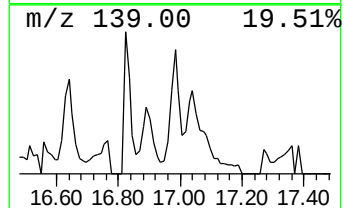
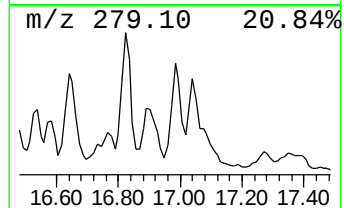
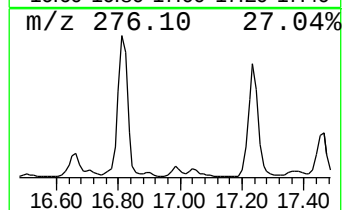
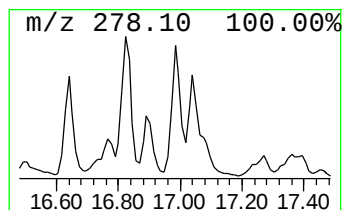
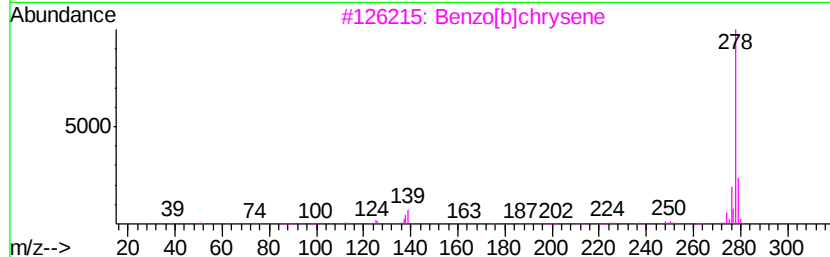
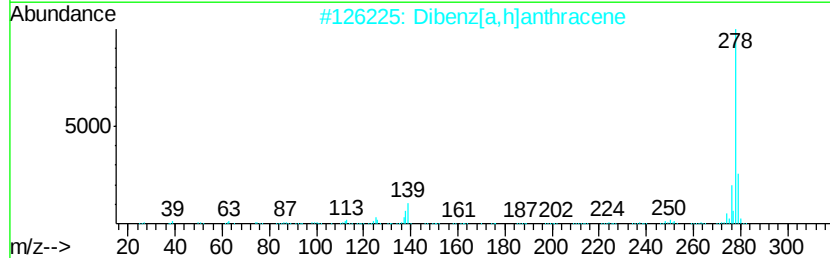
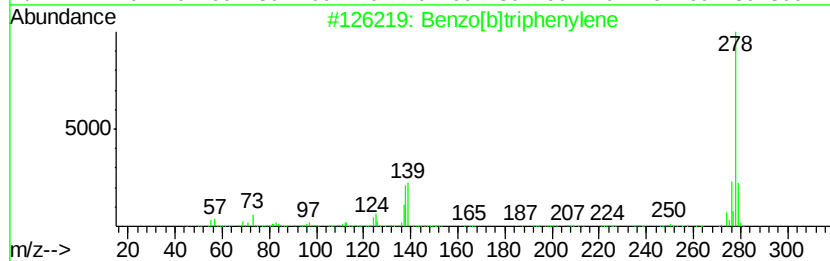
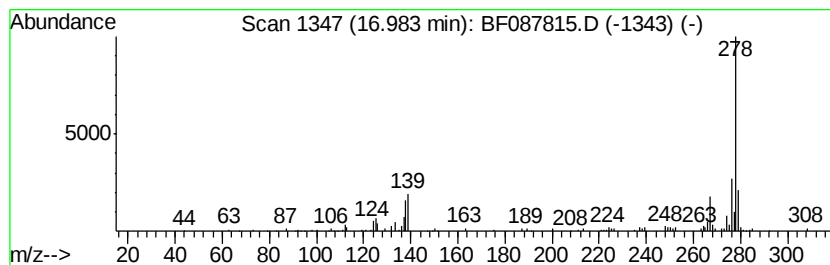
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	7.05 ng	216786	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3			Benzo[b]chrysene	278	C22H14	000214-17-5	93
4			Picene	278	C22H14	000213-46-7	93
5			Benzo[a]naphthacene	278	C22H14	000226-88-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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Sample : H3378-01 5X
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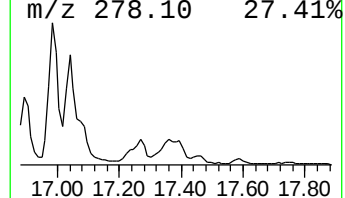
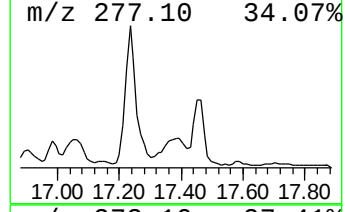
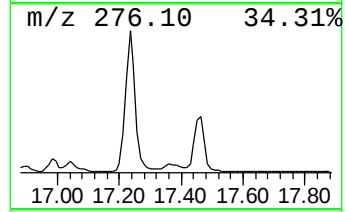
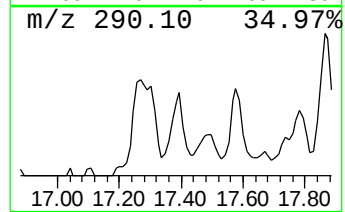
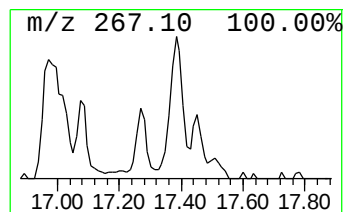
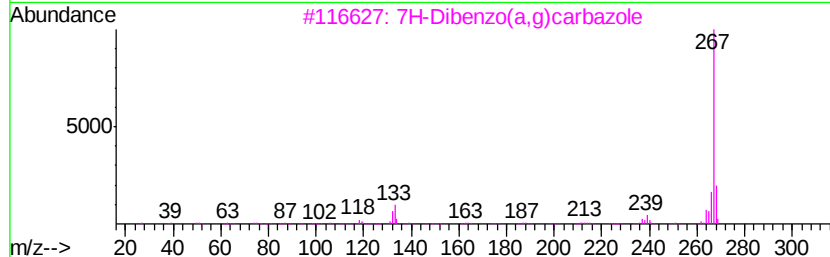
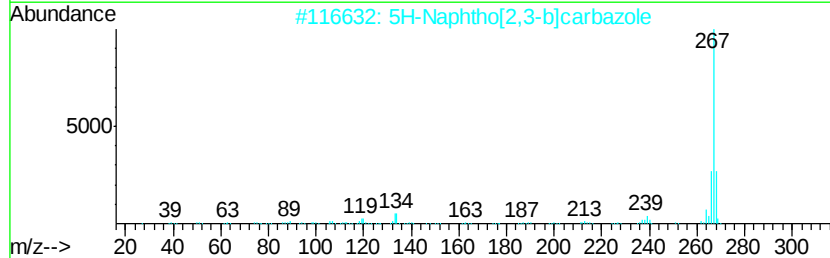
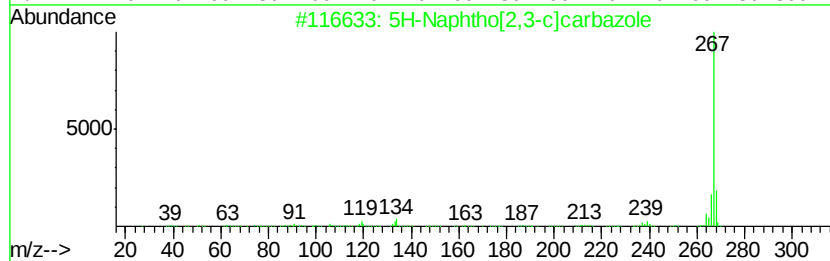
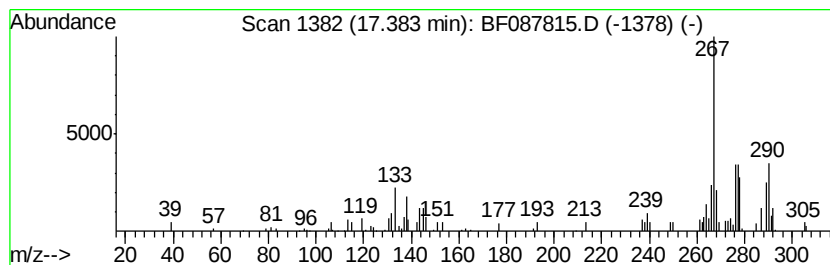
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 5H-Naphtho[2,3-c]carbazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.38	5.45 ng	167416	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	50
2	5H-Naphtho[2,3-b]carbazole	267	C20H13N	000248-96-4	50
3	7H-Dibenzo(a,q)carbazole	267	C20H13N	000207-84-1	46
4	7H-Dibenzo[c,q]carbazole	267	C20H13N	000194-59-2	45
5	Benzo(a)pyren-6-amine	267	C20H13N	007428-83-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087815.D
Acq On : 8 Jun 2016 17:51
Operator : UM/SJ
Sample : H3378-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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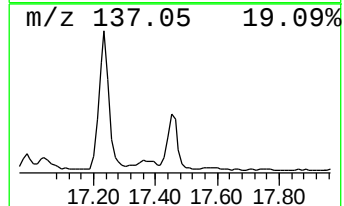
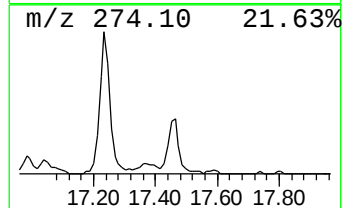
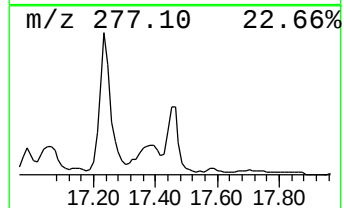
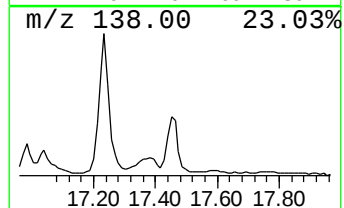
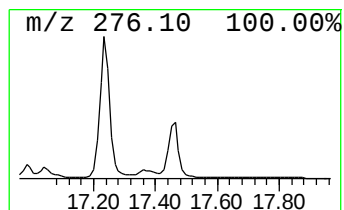
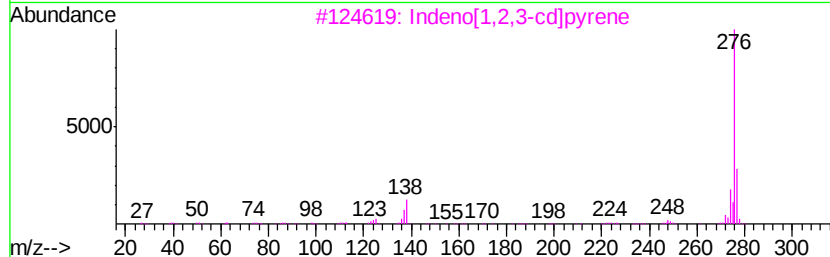
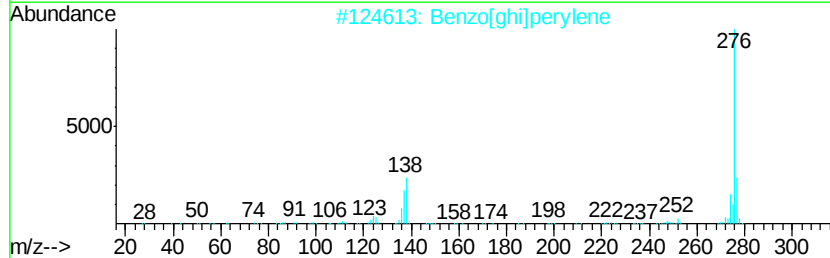
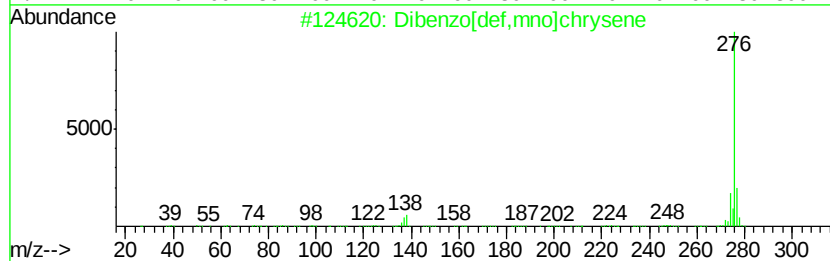
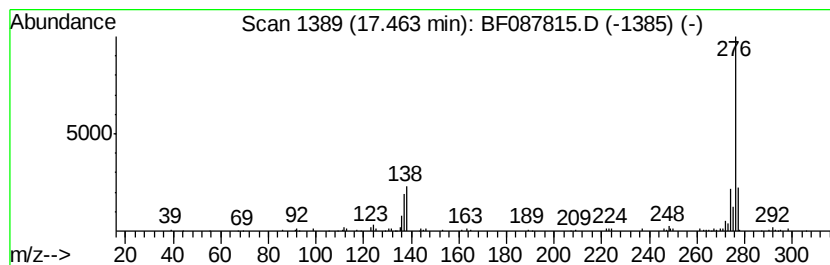
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	9.34 ng	286927	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
5			Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
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Acq On : 8 Jun 2016 17:51
Operator : UM/SJ
Sample : H3378-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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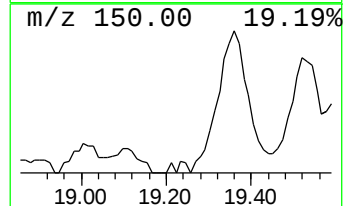
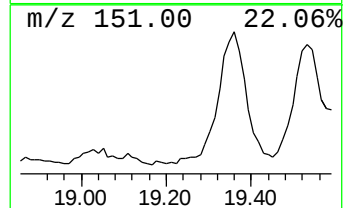
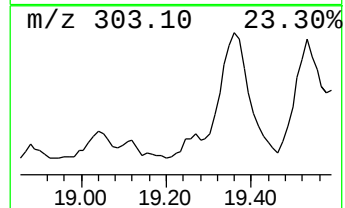
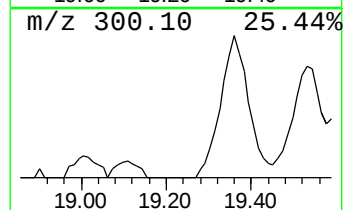
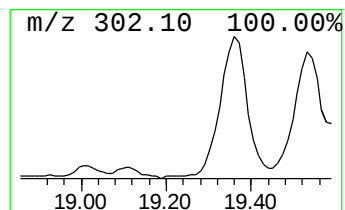
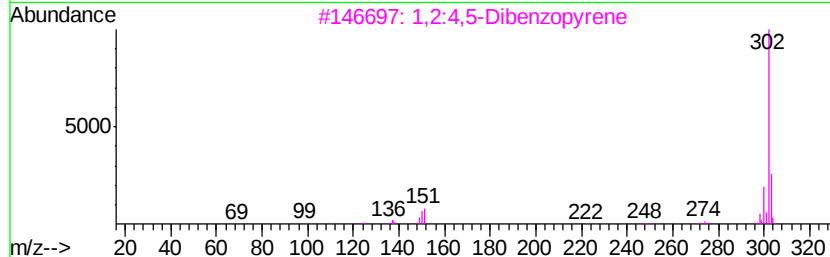
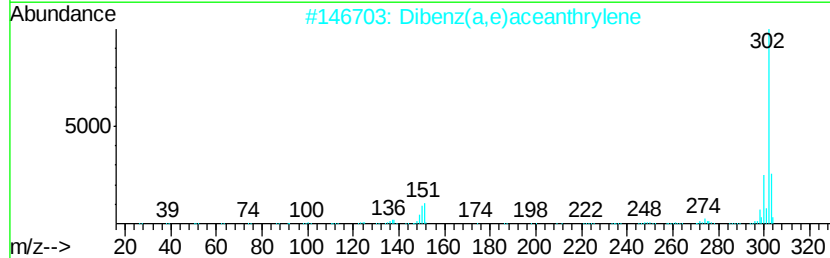
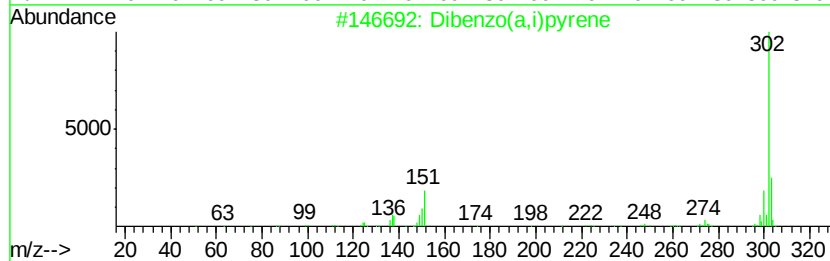
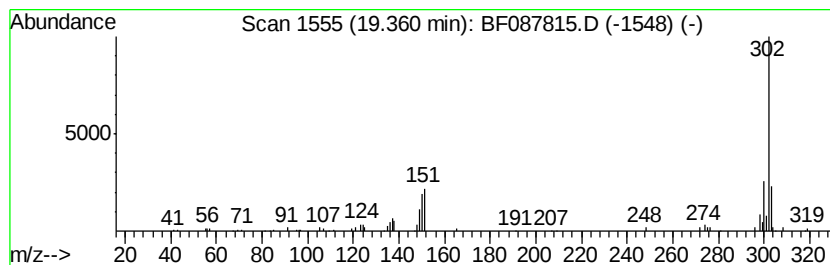
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	7.50 ng	230381	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	94
2			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	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\BF060816\
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Acq On : 8 Jun 2016 17:51
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Sample : H3378-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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
unknown6.58	6.58	15.5	ng	491772	1	6.82	635910	20.0
Biphenyl	9.29	4.9	ng	246262	3	9.87	1008930	20.0
Naphthalene, 2,7-...	9.45	4.7	ng	236148	3	9.87	1008930	20.0
Naphthalene, 2,3-...	9.53	4.8	ng	242172	3	9.87	1008930	20.0
Pyrene, 2-methyl-	13.12	6.1	ng	896476	5	14.00	2919340	20.0
Fluoranthene, 2-m...	13.19	5.0	ng	734152	5	14.00	2919340	20.0
Benzo(a)pyrene 4,...	15.22	5.9	ng	181341	6	15.43	614643	20.0
11H-Indeno[2,1-a]...	15.62	20.9	ng	641467	6	15.43	614643	20.0
unknown15.69	15.69	4.8	ng	145830	6	15.43	614643	20.0
unknown15.95	15.95	5.2	ng	159585	6	15.43	614643	20.0
Benzo[b]triphenylene	16.98	7.0	ng	216786	6	15.43	614643	20.0
5H-Naphtho[2,3-c]...	17.38	5.5	ng	167416	6	15.43	614643	20.0
Dibenzo[def,mno]c...	17.46	9.3	ng	286927	6	15.43	614643	20.0
Dibenzo(a,i)pyrene	19.36	7.5	ng	230381	6	15.43	614643	20.0