

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079463.D
 Acq On : 23 May 2015 8:23
 Operator : TP/IZ
 Sample : G2289-09 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29S

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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	1.324	10	12	23	rVB2	118703	294598	3.32%	0.264%
2	1.712	44	46	83	rVB	2833080	5777179	65.19%	5.179%
3	5.347	362	364	377	rVB	222152	276881	3.12%	0.248%
4	6.650	474	478	486	rBV2	265134	470524	5.31%	0.422%
5	6.764	486	488	491	rVV	230765	309183	3.49%	0.277%
6	7.050	511	513	516	rBV	450420	406064	4.58%	0.364%
7	7.233	527	529	531	rBV	257278	248602	2.81%	0.223%
8	8.376	621	629	640	rVB3	88787	414548	4.68%	0.372%
9	8.627	649	651	652	rBV	664150	597208	6.74%	0.535%
10	8.650	652	653	656	rVB	592495	562894	6.35%	0.505%
11	9.508	727	728	731	rVB	173313	223950	2.53%	0.201%
12	9.976	767	769	771	rVB	438587	407020	4.59%	0.365%
13	10.376	802	804	806	rBV	137735	192606	2.17%	0.173%
14	10.616	823	825	828	rBV	409505	530744	5.99%	0.476%
15	10.799	836	841	842	rBV2	595145	825465	9.32%	0.740%
16	10.833	842	844	848	rVV	736993	694279	7.83%	0.622%
17	11.051	861	863	865	rVV	518315	507382	5.73%	0.455%
18	11.473	898	900	902	rVB	785060	723536	8.16%	0.649%
19	11.679	916	918	921	rVB	235298	276637	3.12%	0.248%
20	11.771	924	926	929	rVV2	272240	455154	5.14%	0.408%
21	11.931	934	940	943	rBV4	97518	220490	2.49%	0.198%
22	12.159	953	960	962	rBV3	197167	420339	4.74%	0.377%
23	12.331	973	975	976	rBV	137203	265408	3.00%	0.238%
24	12.399	980	981	984	rVB	325621	308370	3.48%	0.276%
25	12.456	984	986	988	rBV2	263325	435699	4.92%	0.391%
26	12.502	988	990	992	rVB	388605	362267	4.09%	0.325%
27	12.639	999	1002	1003	rBV	494765	921365	10.40%	0.826%
28	12.674	1003	1005	1007	rVV	4794588	5718995	64.54%	5.127%
29	12.731	1007	1010	1012	rVV	2109125	2177744	24.57%	1.952%
30	12.776	1012	1014	1017	rVB3	181118	291309	3.29%	0.261%
31	12.902	1023	1025	1027	rBV	179518	219618	2.48%	0.197%
32	12.936	1027	1028	1030	rVV	536143	629297	7.10%	0.564%
33	13.016	1034	1035	1037	rBV2	199480	226077	2.55%	0.203%
34	13.256	1054	1056	1058	rBV	616650	858953	9.69%	0.770%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.302	1058	1060	1062	rVB	840864	1206116	13.61%	1.081%
36	13.359	1062	1065	1066	rBV	526039	677454	7.64%	0.607%
37	13.394	1066	1068	1070	rVV	1435662	1827171	20.62%	1.638%
38	13.428	1070	1071	1074	rVB	678634	558593	6.30%	0.501%
39	13.508	1074	1078	1079	rBV3	126106	235683	2.66%	0.211%
40	13.634	1087	1089	1091	rVV	514706	630360	7.11%	0.565%
41	13.668	1091	1092	1094	rVB	500956	419427	4.73%	0.376%
42	13.817	1101	1105	1107	rBV3	219357	357596	4.04%	0.321%
43	13.942	1114	1116	1118	rVV	369425	500866	5.65%	0.449%
44	13.988	1118	1120	1122	rVV3	267581	411611	4.64%	0.369%
45	14.057	1124	1126	1130	rVB2	504778	837425	9.45%	0.751%
46	14.148	1130	1134	1137	rBV	5548337	8087161	91.26%	7.250%
47	14.217	1138	1140	1142	rBV2	262018	374952	4.23%	0.336%
48	14.251	1142	1143	1147	rVB	323256	433131	4.89%	0.388%
49	14.319	1147	1149	1151	rBV	567476	666786	7.52%	0.598%
50	14.422	1155	1158	1160	rBV2	4901596	8861632	100.00%	7.944%
51	14.491	1160	1164	1165	rVV2	265475	395099	4.46%	0.354%
52	14.582	1169	1172	1173	rBV	439068	588426	6.64%	0.528%
53	14.628	1173	1176	1179	rVB2	608672	1042487	11.76%	0.935%
54	14.708	1179	1183	1185	rBV2	535233	1202133	13.57%	1.078%
55	14.811	1188	1192	1193	rBV2	480004	1020460	11.52%	0.915%
56	14.834	1193	1194	1196	rVB	868834	791640	8.93%	0.710%
57	14.914	1199	1201	1203	rVB	377818	457884	5.17%	0.410%
58	14.960	1203	1205	1208	rBV	1014015	1288557	14.54%	1.155%
59	15.040	1210	1212	1213	rBV	187587	206379	2.33%	0.185%
60	15.074	1213	1215	1217	rVB	464032	454289	5.13%	0.407%
61	15.108	1217	1218	1220	rBV	369468	448368	5.06%	0.402%
62	15.200	1225	1226	1231	rVB3	120080	249667	2.82%	0.224%
63	15.337	1234	1238	1239	rBV4	150917	422842	4.77%	0.379%
64	15.474	1246	1250	1253	rBV	629638	1077051	12.15%	0.966%
65	15.600	1258	1261	1263	rBV	747377	942214	10.63%	0.845%
66	15.634	1263	1264	1268	rVV2	468872	1232029	13.90%	1.104%
67	15.737	1271	1273	1275	rVB	818043	893540	10.08%	0.801%
68	15.817	1275	1280	1282	rBV	232116	534094	6.03%	0.479%
69	15.920	1283	1289	1290	rBV	3096194	5842866	65.93%	5.238%
70	15.954	1290	1292	1294	rVV2	2506135	4484487	50.61%	4.020%
71	15.988	1294	1295	1297	rVB	327017	253531	2.86%	0.227%

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72	16.045	1298	1300	1302	rVB	560282	686224	7.74%	0.615%
73	16.102	1302	1305	1307	rBV3	179523	380905	4.30%	0.341%
74	16.182	1310	1312	1314	rVB	544354	614971	6.94%	0.551%
75	16.228	1314	1316	1317	rBV	414677	543144	6.13%	0.487%
76	16.365	1326	1328	1330	rVV2	211524	346099	3.91%	0.310%
77	16.422	1330	1333	1335	rVV	803868	1144967	12.92%	1.026%
78	16.457	1335	1336	1340	rVV	285517	538626	6.08%	0.483%
79	16.537	1341	1343	1345	rVV	386379	481875	5.44%	0.432%
80	16.571	1345	1346	1350	rVV3	293818	678220	7.65%	0.608%
81	16.685	1354	1356	1359	rVB	299070	377685	4.26%	0.339%
82	16.823	1365	1368	1371	rBV2	258488	596293	6.73%	0.535%
83	16.971	1378	1381	1383	rBV3	140805	227298	2.56%	0.204%
84	17.040	1383	1387	1389	rBV3	271869	537559	6.07%	0.482%
85	17.223	1400	1403	1408	rBV	2844859	7286991	82.23%	6.533%
86	17.337	1408	1413	1415	rVB2	858695	1211783	13.67%	1.086%
87	17.383	1415	1417	1420	rBV4	87577	209748	2.37%	0.188%
88	17.463	1420	1424	1425	rBV3	258182	529065	5.97%	0.474%
89	17.543	1428	1431	1434	rVV	1992963	2917728	32.93%	2.616%
90	17.611	1434	1437	1440	rVB	2765538	3861771	43.58%	3.462%
91	17.668	1440	1442	1443	rBV	485228	711343	8.03%	0.638%
92	17.691	1443	1444	1450	rVV2	872620	1339168	15.11%	1.201%
93	17.840	1454	1457	1458	rBV3	164906	290605	3.28%	0.261%
94	17.966	1464	1468	1470	rBV3	181706	470848	5.31%	0.422%
95	18.857	1542	1546	1549	rBV3	318610	886786	10.01%	0.795%
96	19.017	1556	1560	1564	rVB2	1527141	2950780	33.30%	2.645%
97	19.177	1571	1574	1576	rBV	397679	759314	8.57%	0.681%
98	19.223	1576	1578	1581	rVB	253739	531218	5.99%	0.476%
99	19.417	1591	1595	1599	rVB	1136587	2321407	26.20%	2.081%
100	19.623	1610	1613	1621	rVB	389830	949799	10.72%	0.851%

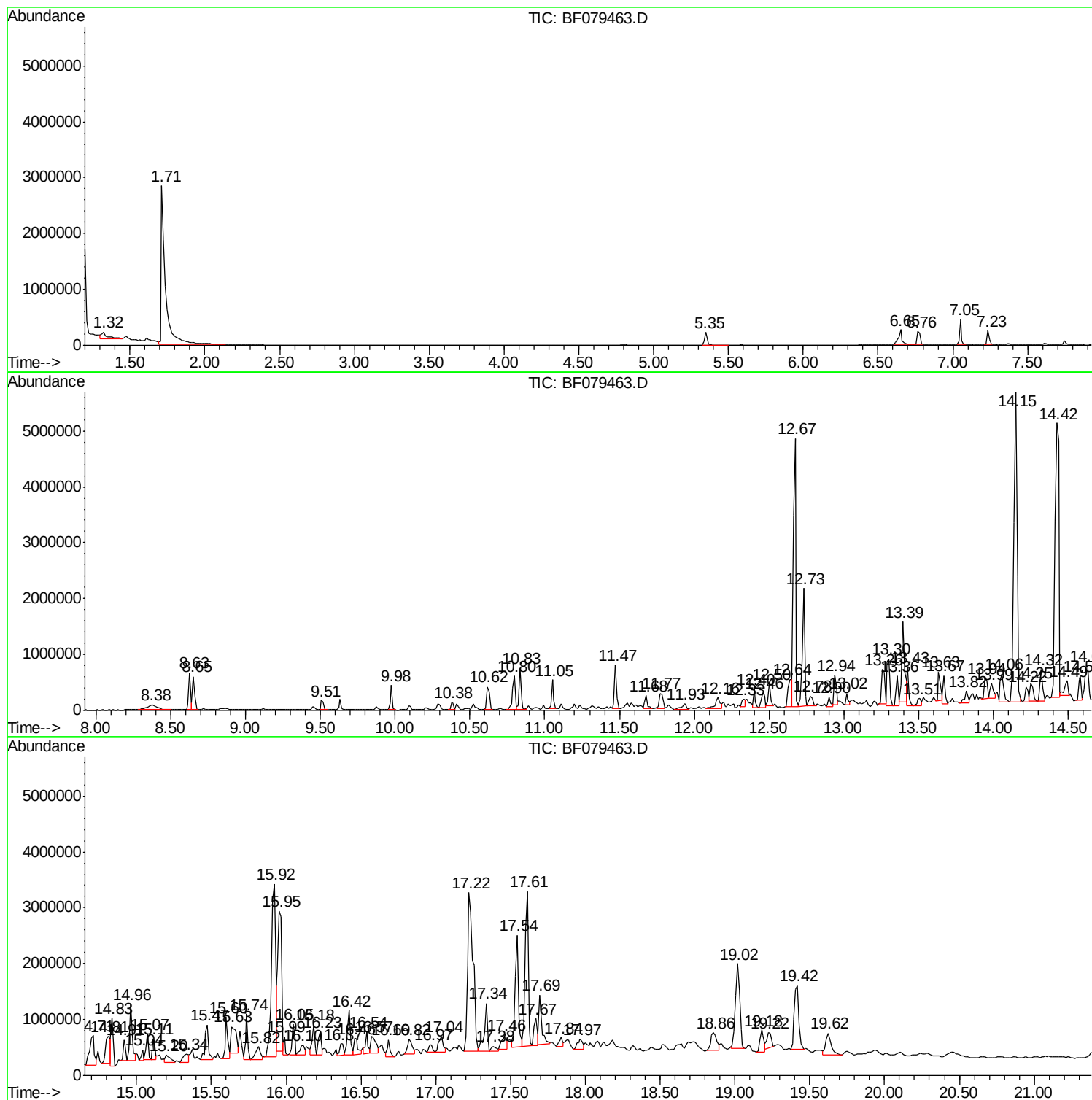
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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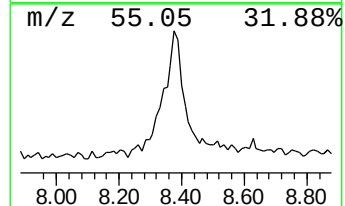
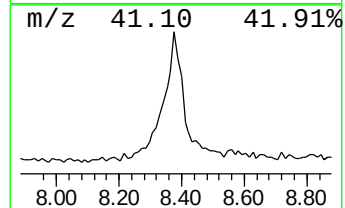
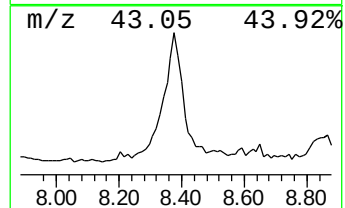
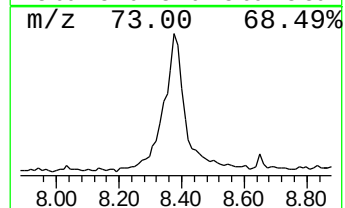
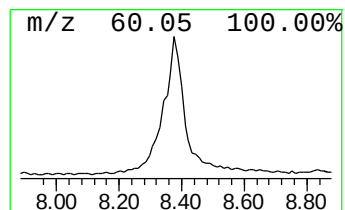
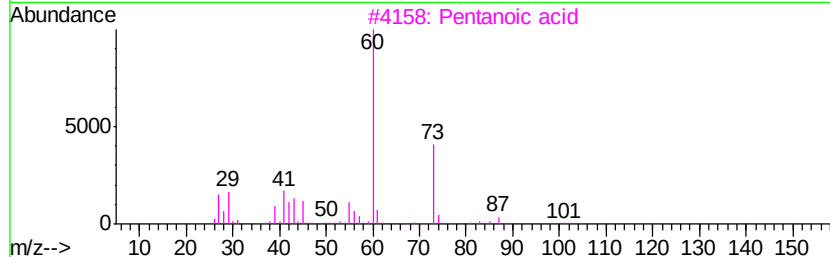
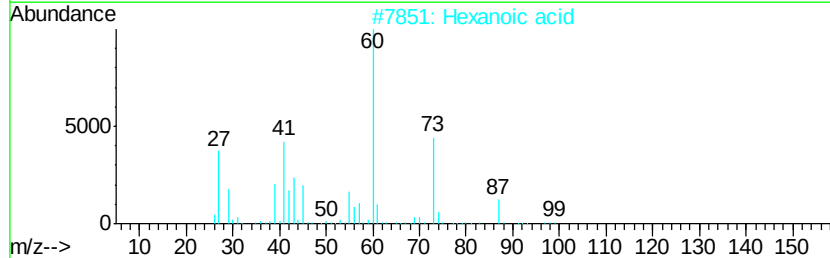
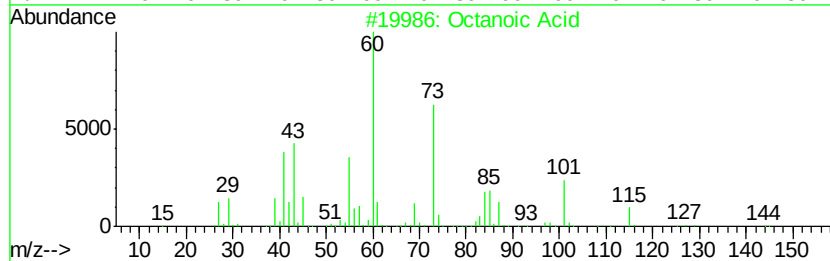
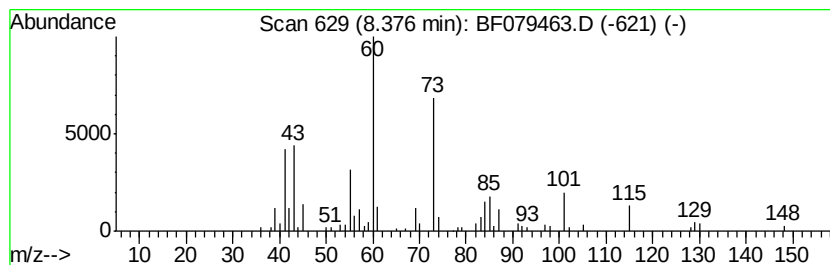
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octanoic Acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.38	13.88 ng	414548	Napthalene-d8	8.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	91
2	Hexanoic acid	116	C6H12O2	000142-62-1	53
3	Pentanoic acid	102	C5H10O2	000109-52-4	50
4	Trisilane	92	H8Si3	007783-26-8	43
5	Heptanoic acid	130	C7H14O2	000111-14-8	40



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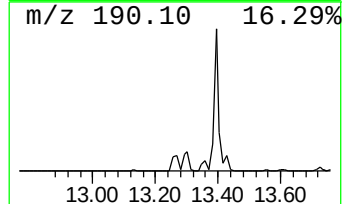
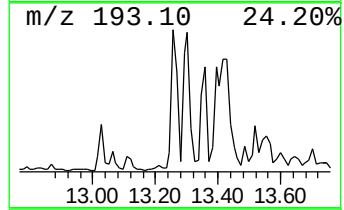
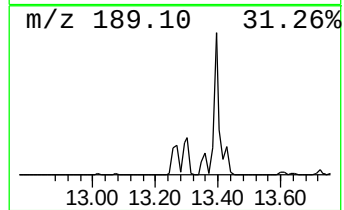
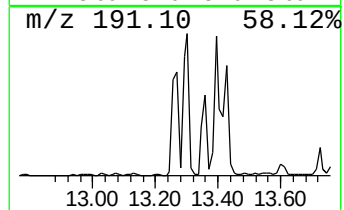
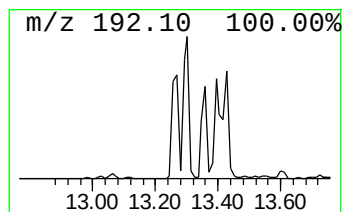
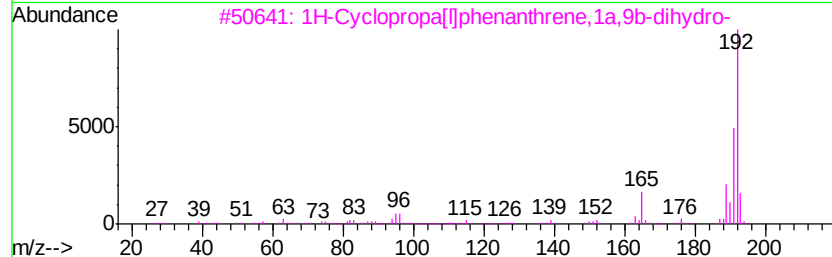
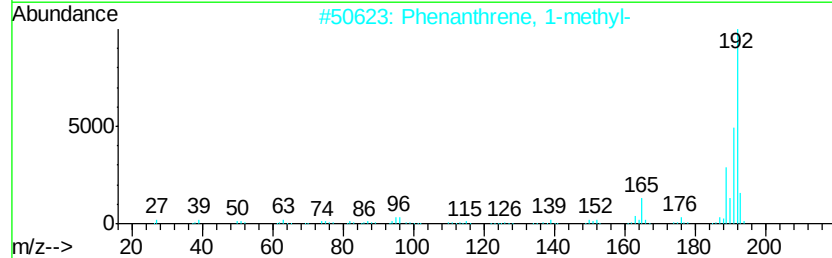
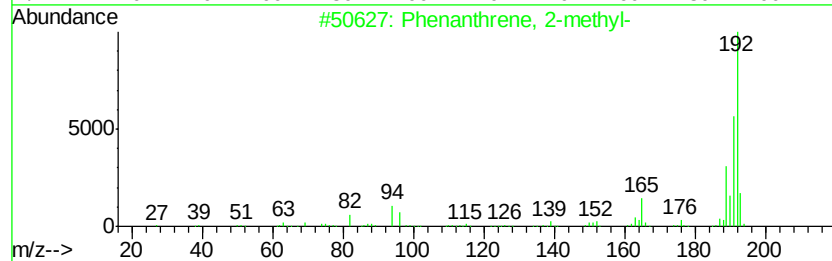
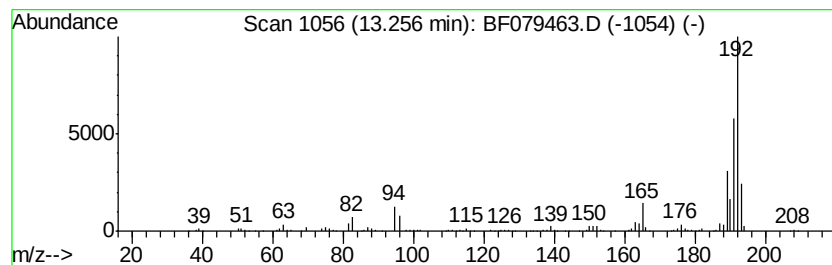
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	18.65 ng	858953	Phenanthrene-d10	12.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90



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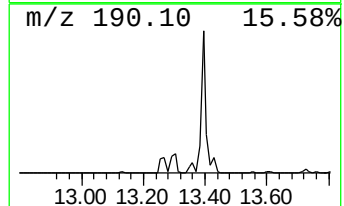
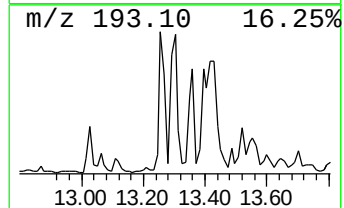
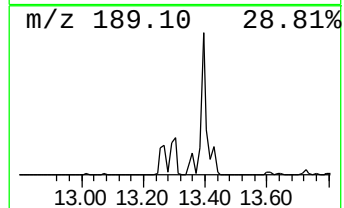
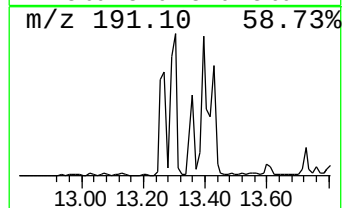
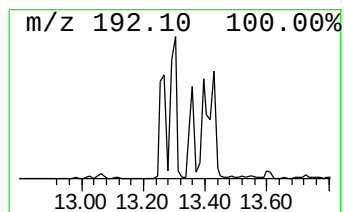
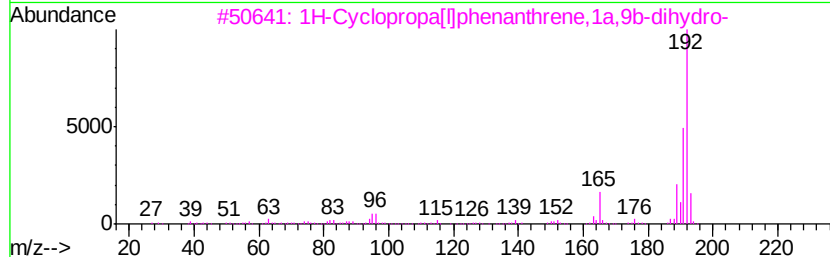
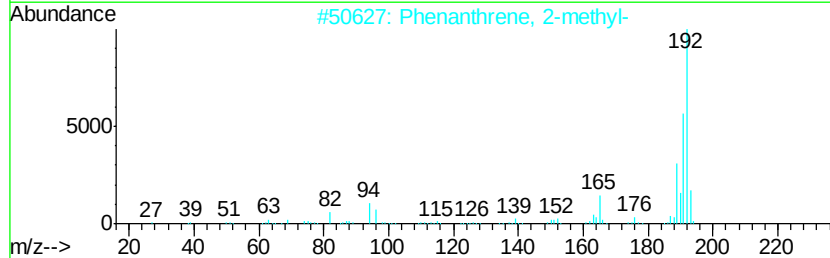
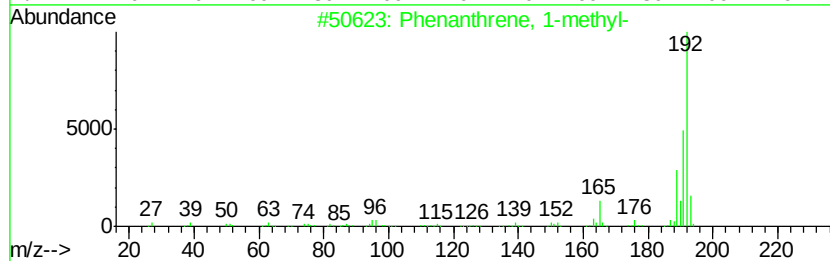
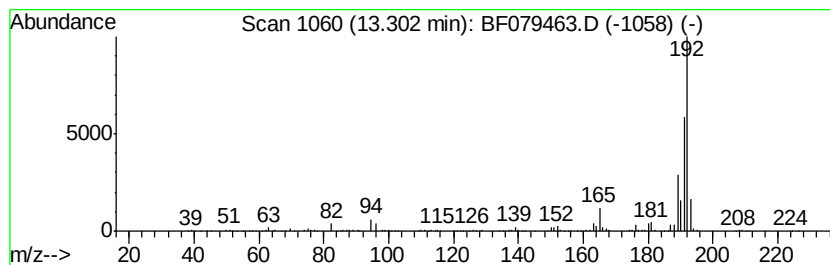
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	26.18 ng	1206120	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079463.D
Acq On : 23 May 2015 8:23
Operator : TP/IZ
Sample : G2289-09 5X
Misc :
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ClientSampleId :
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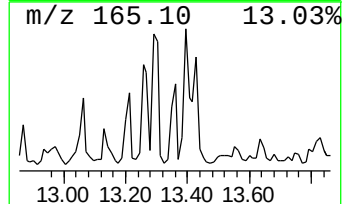
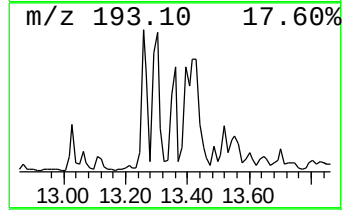
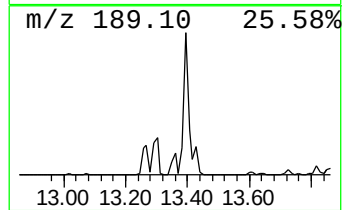
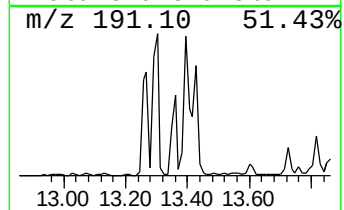
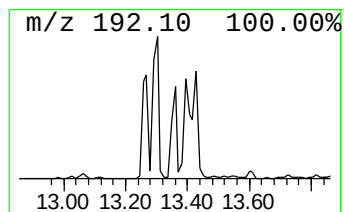
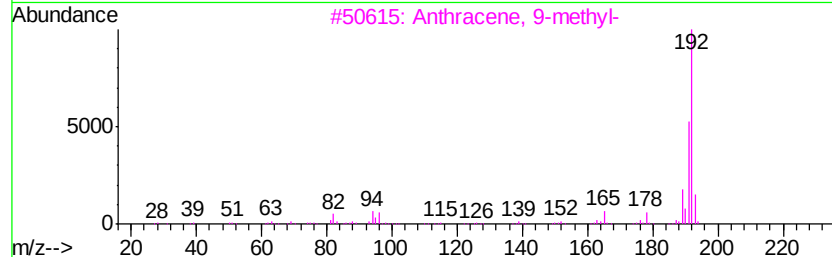
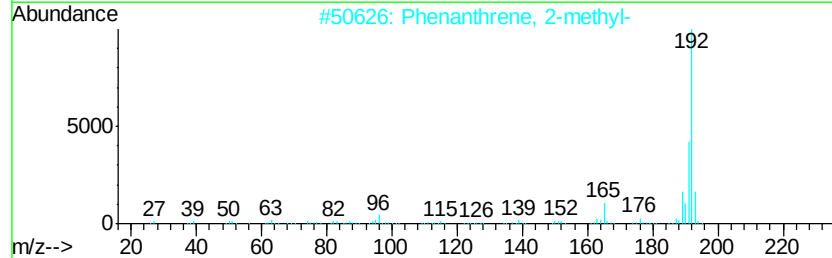
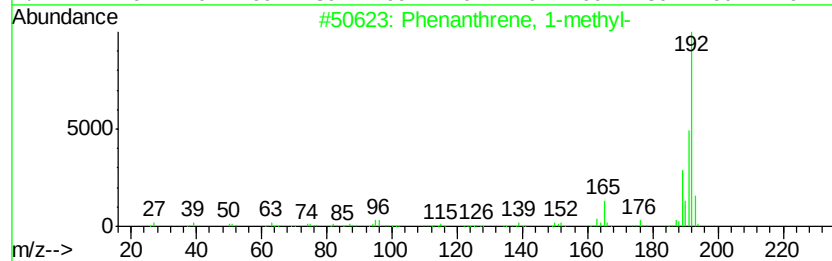
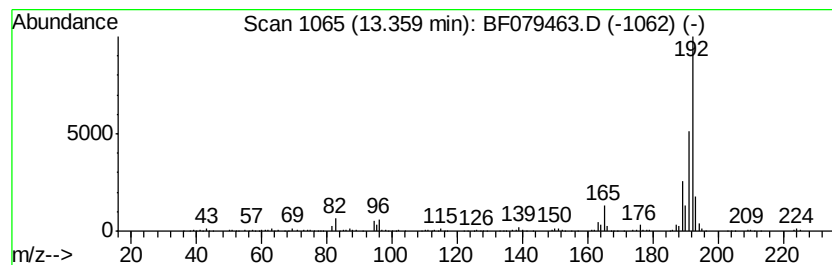
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	14.71 ng	677454	Phenanthrene-d10	12.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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Acq On : 23 May 2015 8:23
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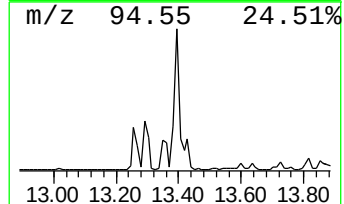
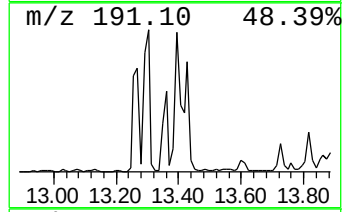
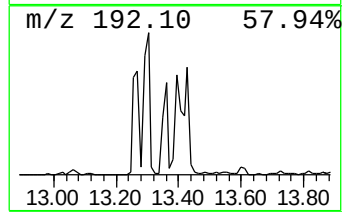
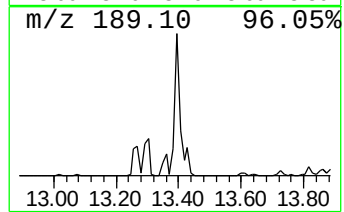
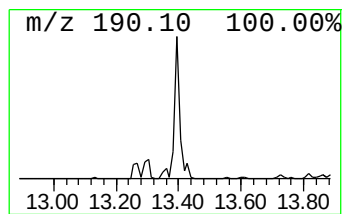
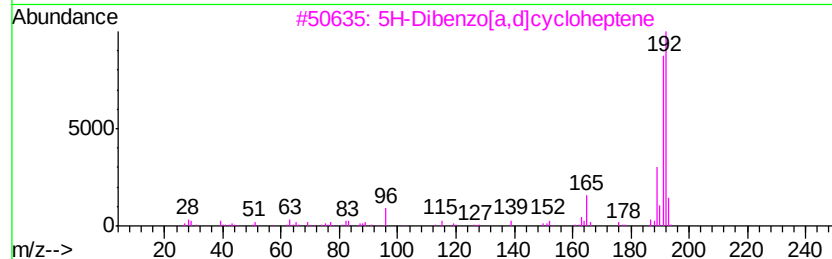
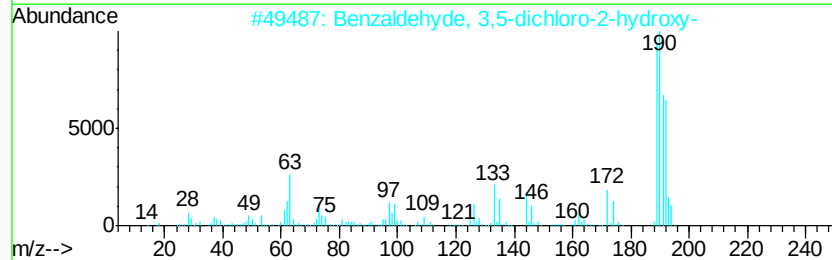
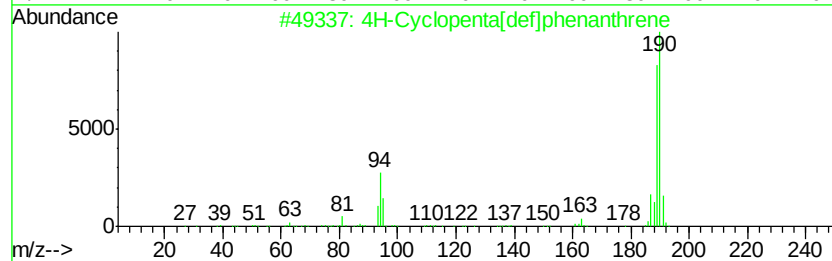
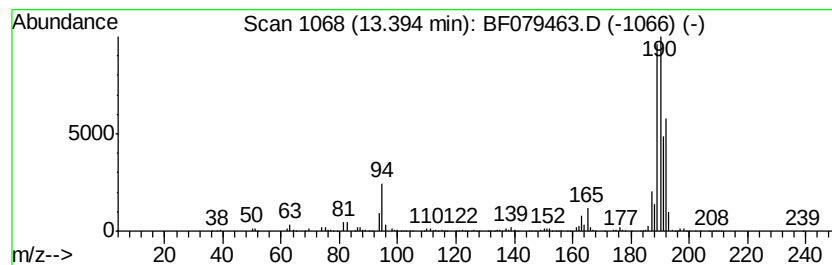
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	39.66 ng	1827170	Phenanthrene-d10	12.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	38
4		1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	35
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079463.D
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Sample : G2289-09 5X
Misc :
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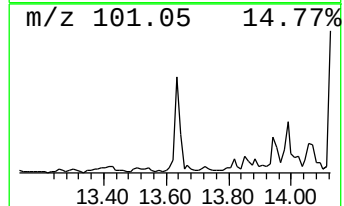
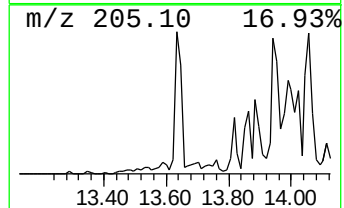
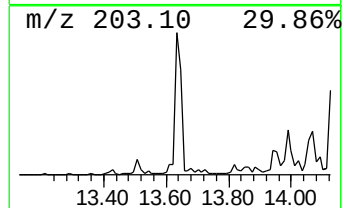
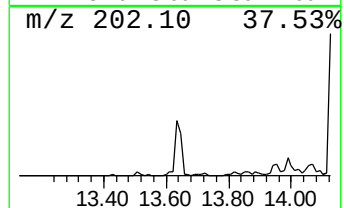
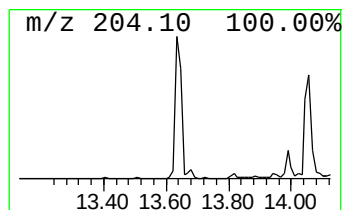
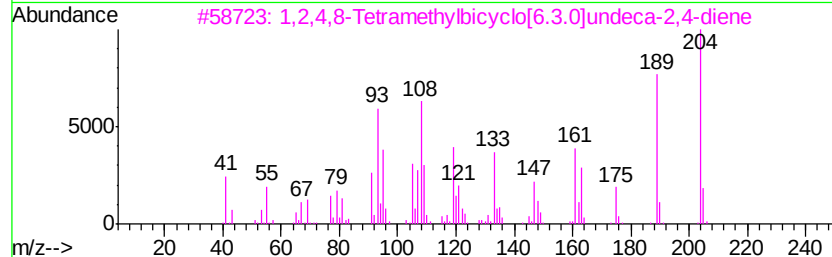
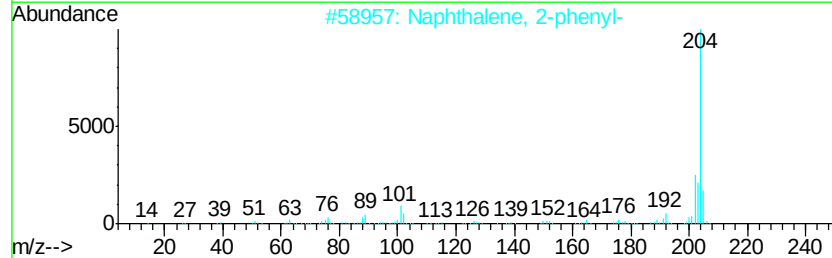
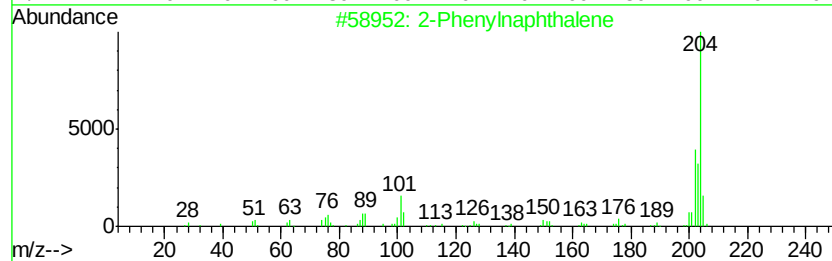
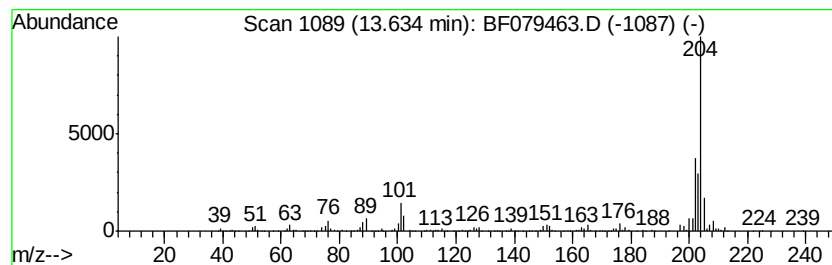
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 2-Phenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.63	13.68 ng	630360	Phenanthrene-d10		12.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
3	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	87
4	5,16[1',2']1:8,13[1'',2'']-Dibenz[1,2-b:4,5-b']diphenylene	408	C32H24	005672-97-9	80
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	64



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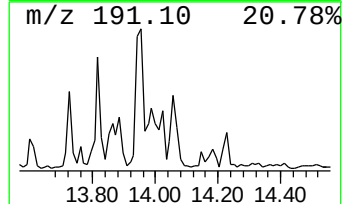
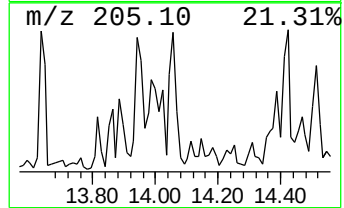
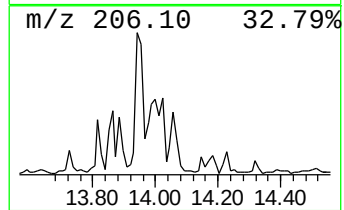
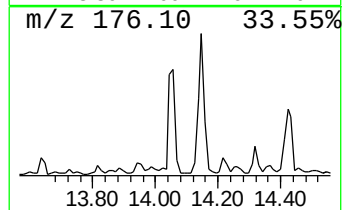
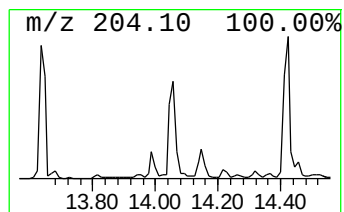
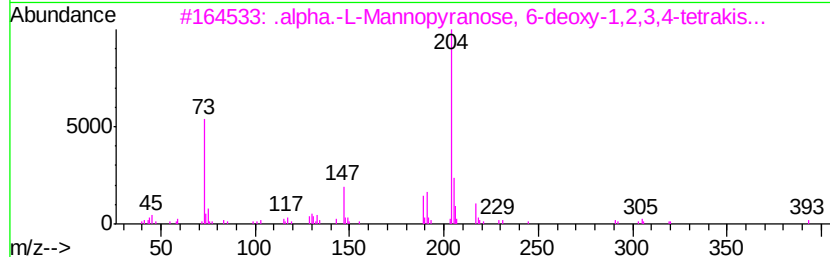
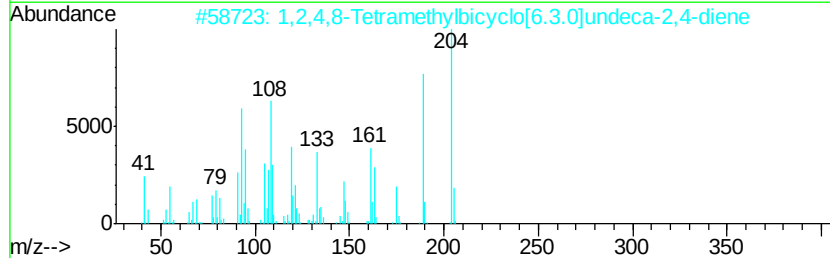
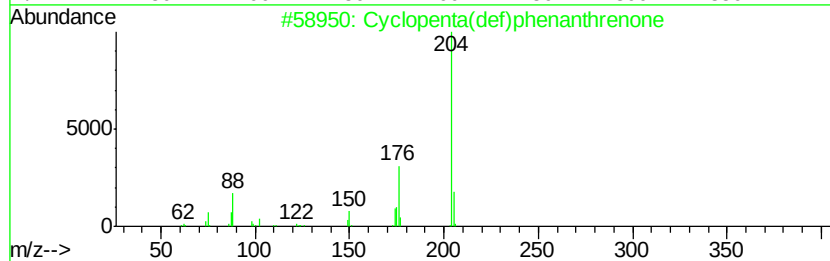
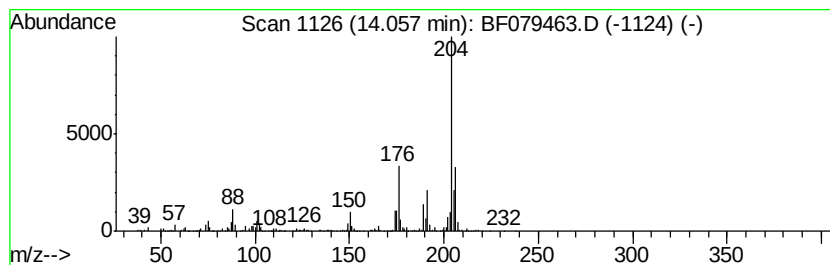
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	18.18 ng	837425	Phenanthrene-d10	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	55
3		.alpha.-L-Mannopyranose, 6-deoxy-1,2,3,4-tetrakis(phenyl)-	452	C18H44O5Si4	055057-21-1	50
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5		2,5,5,8a-Tetramethyl-6,7,8,8a-tetrahydronaphthalene	204	C14H20O	124957-09-1	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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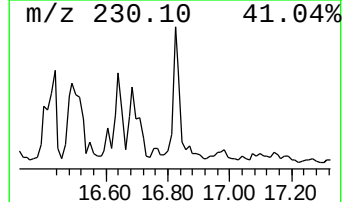
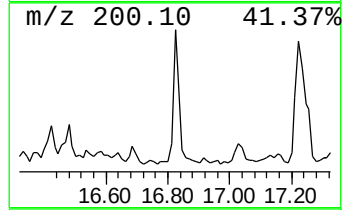
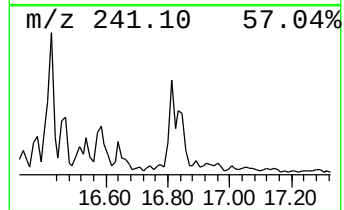
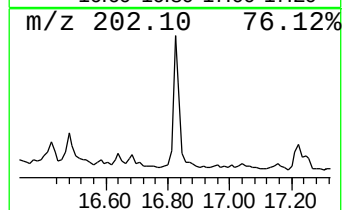
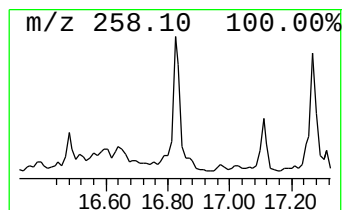
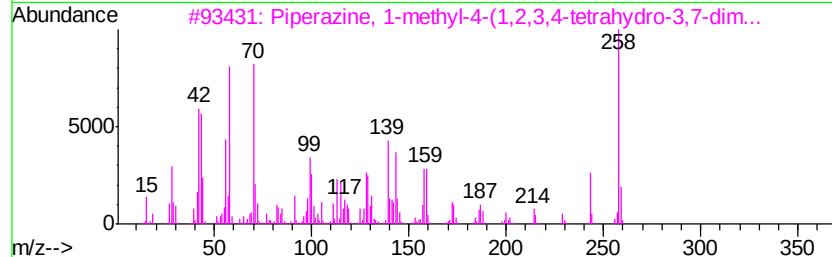
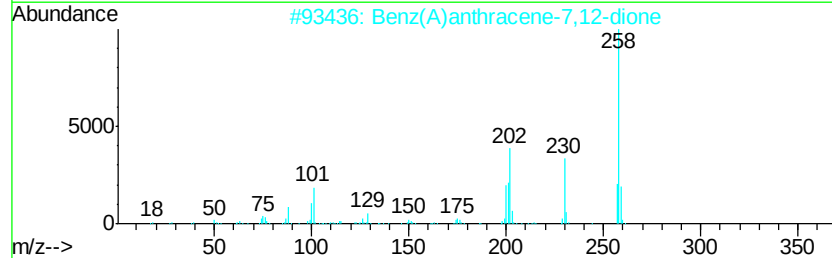
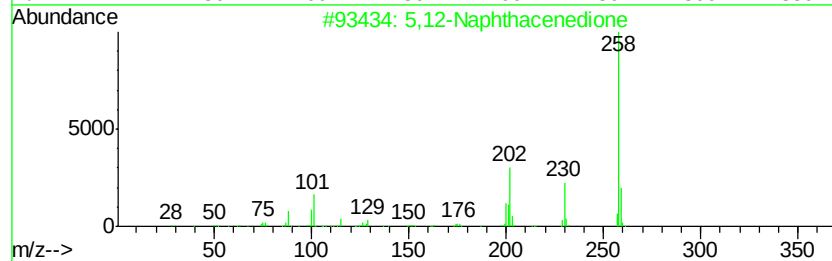
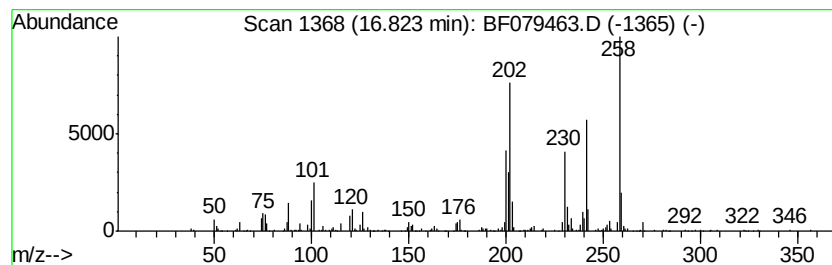
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 5,12-Naphthacenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	16.77 ng	596293	Perylene-d12	17.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
2		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	83
3		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	53
4		1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	46
5		Fluoranthene	202	C16H10	000206-44-0	43



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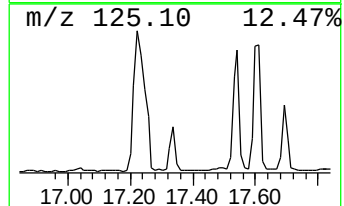
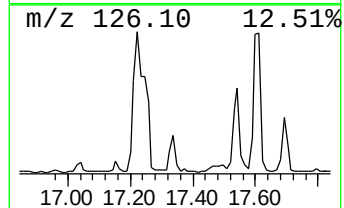
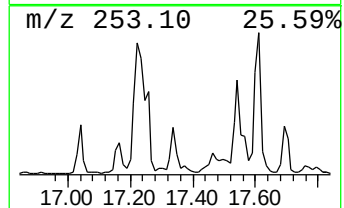
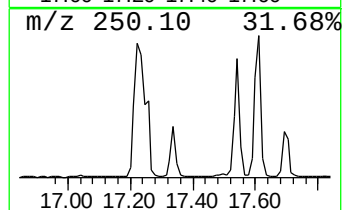
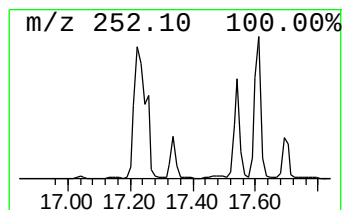
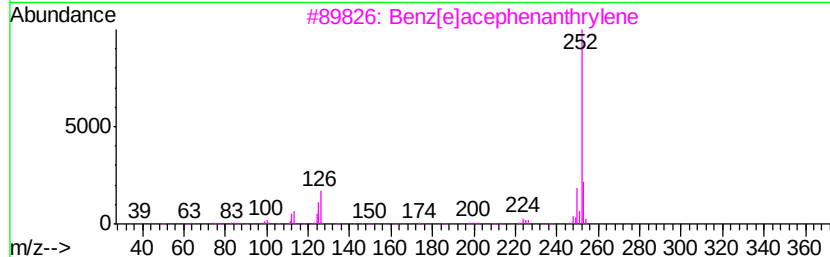
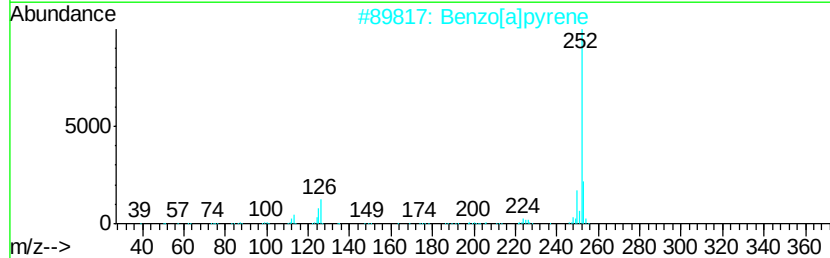
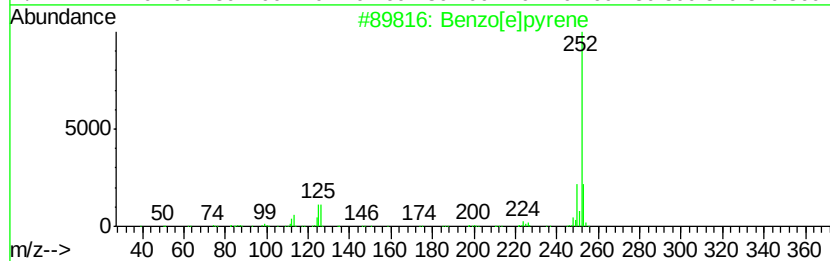
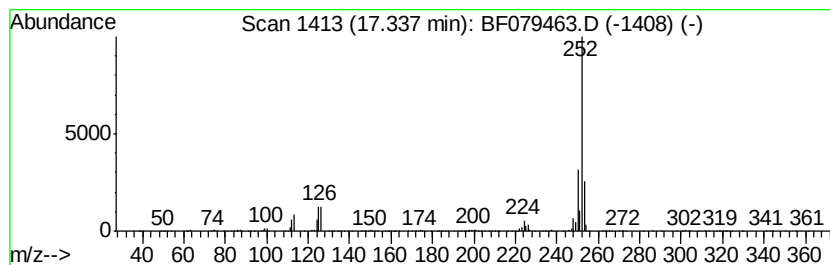
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	34.07 ng	1211780	Perylene-d12	17.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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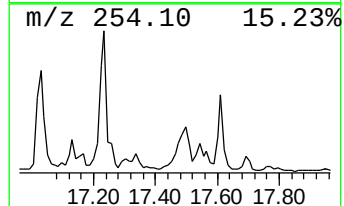
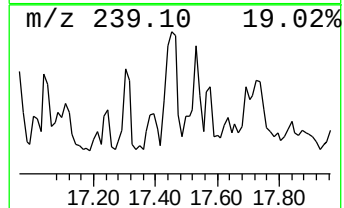
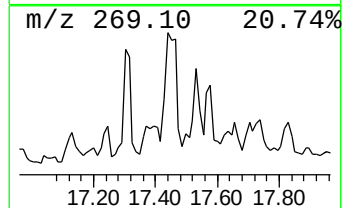
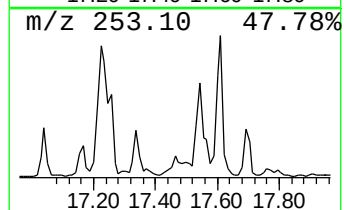
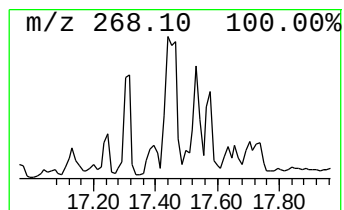
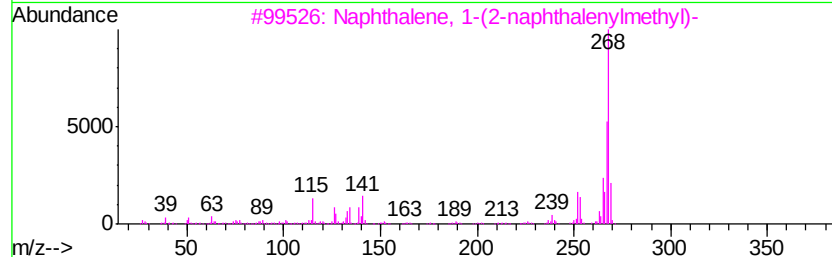
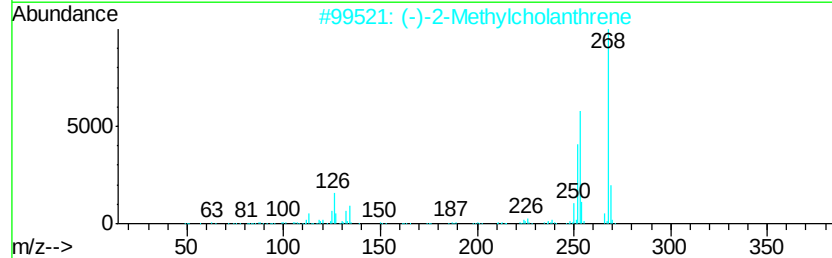
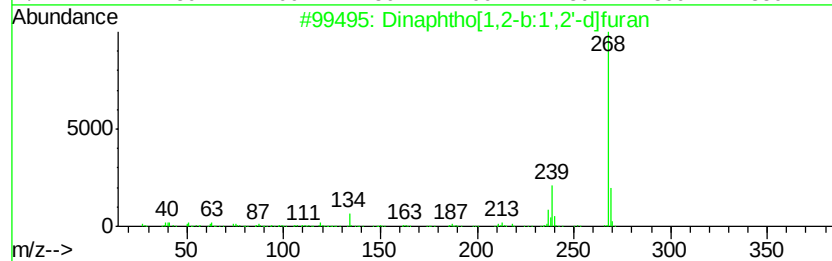
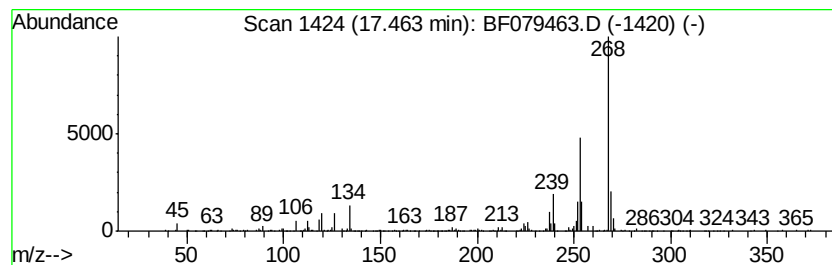
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	14.88 ng	529065	Perylene-d12	17.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
2		(-)-2-Methylcholanthrene	268	C21H16	1000126-56-2	59
3		Naphthalene, 1-(2-naphthalenyl)me...	268	C21H16	000611-48-3	53
4		trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	53
5		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079463.D
Acq On : 23 May 2015 8:23
Operator : TP/IZ
Sample : G2289-09 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29S

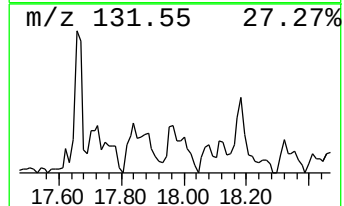
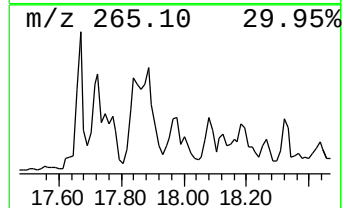
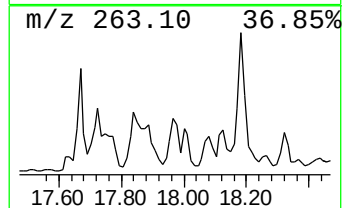
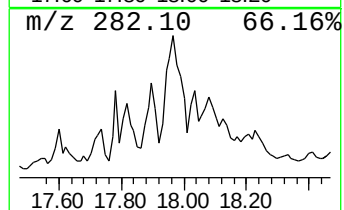
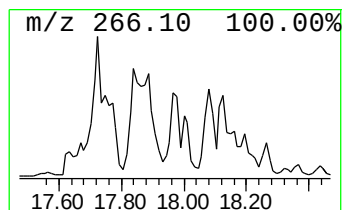
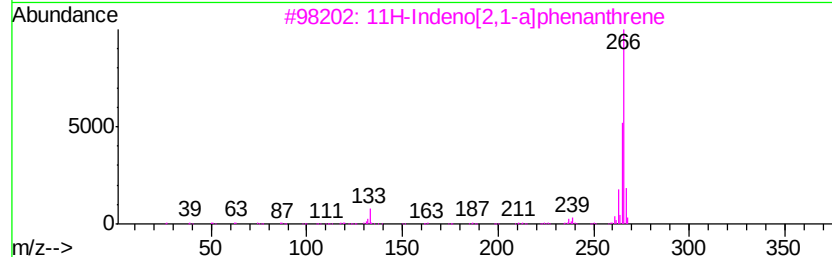
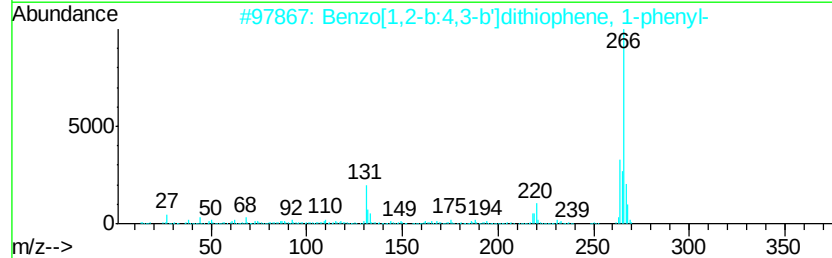
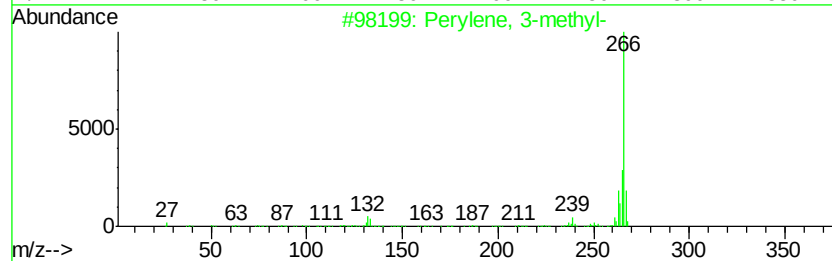
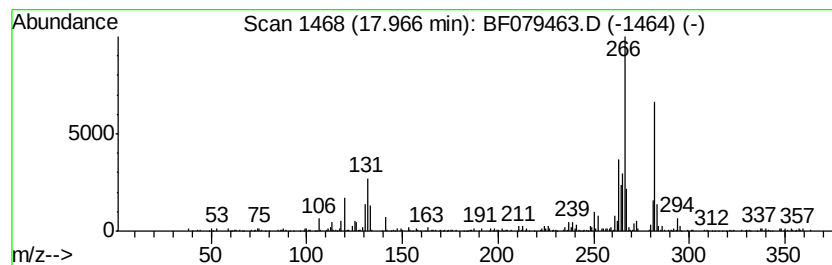
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Perylene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	13.24 ng	470848	Perylene-d12	17.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene, 3-methyl-	266	C21H14	024471-47-4	50
2		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	47
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	38
4		9,10-Anthracenedione, 1,4-bis(am...	266	C16H14N2O2	077862-13-6	38
5		3-Chloro-6-methyl-11H-indolo[3,2...	282	C16H11ClN2O	1000212-76-7	38



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Acq On : 23 May 2015 8:23
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Sample : G2289-09 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29S

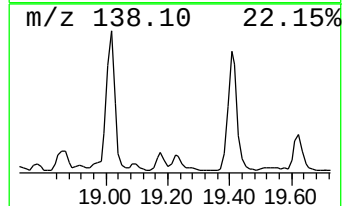
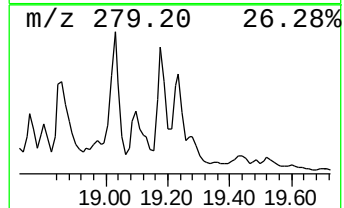
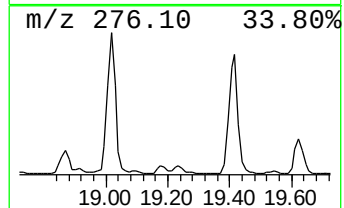
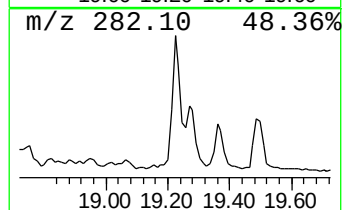
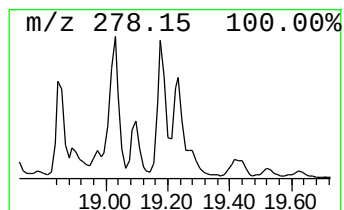
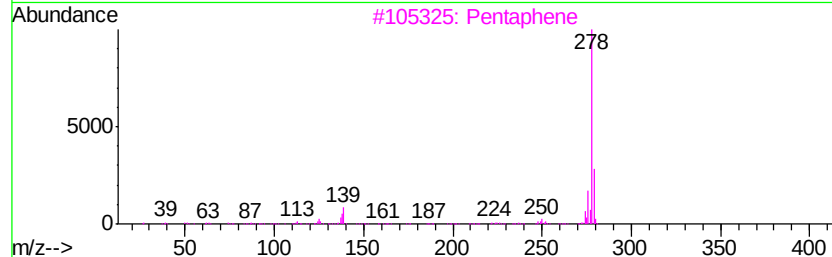
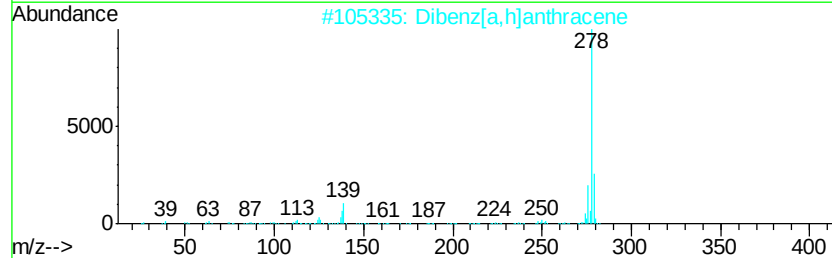
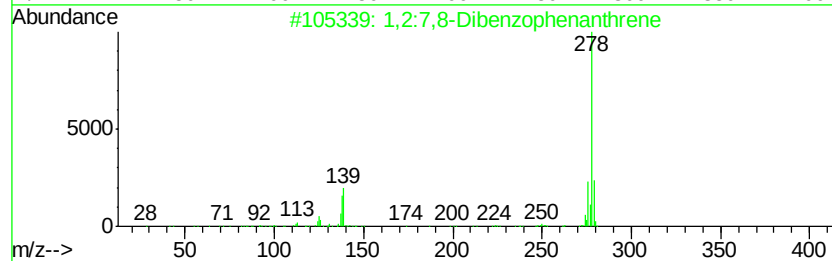
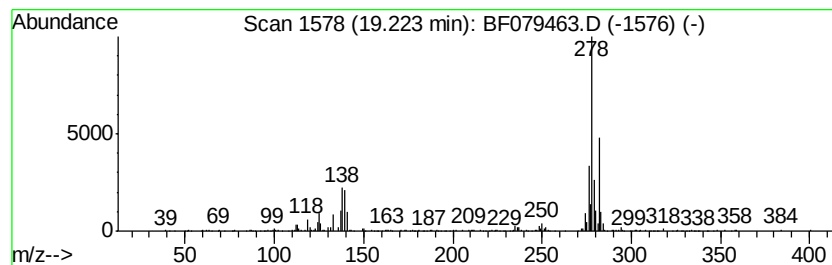
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	14.94 ng	531218	Perylene-d12	17.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
3		Pentaphene	278	C22H14	000222-93-5	95
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	95
5		Benzo[b]chrysene	278	C22H14	000214-17-5	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
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 Sample : G2289-09 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octanoic Acid	8.38	13.9	ng	414548	2	8.63	597208	20.0
Phenanthrene, 2-m...	13.26	18.6	ng	858953	4	12.64	921365	20.0
Phenanthrene, 1-m...	13.30	26.2	ng	1206120	4	12.64	921365	20.0
Anthracene, 9-met...	13.36	14.7	ng	677454	4	12.64	921365	20.0
4H-Cyclopenta[def...	13.39	39.7	ng	1827170	4	12.64	921365	20.0
2-Phenylnaphthalene	13.63	13.7	ng	630360	4	12.64	921365	20.0
Cyclopenta(def)ph...	14.06	18.2	ng	837425	4	12.64	921365	20.0
5,12-Naphthacened...	16.82	16.8	ng	596293	6	17.67	711343	20.0
Benzo[e]pyrene	17.34	34.1	ng	1211780	6	17.67	711343	20.0
Dinaphtho[1,2-b:1...	17.46	14.9	ng	529065	6	17.67	711343	20.0
Perylene, 3-methyl-	17.97	13.2	ng	470848	6	17.67	711343	20.0
1,2:7,8-Dibenzoph...	19.22	14.9	ng	531218	6	17.67	711343	20.0