

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087467.D
 Acq On : 28 May 2016 4:55
 Operator : UM/SJ
 Sample : H3190-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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	1.633	3	4	35	rVB	2103003	3933422	78.22%	4.701%
2	4.730	273	275	288	rVV	71010	210329	4.18%	0.251%
3	5.382	329	332	341	rBV	1599743	2603153	51.76%	3.111%
4	7.039	475	477	483	rVV	1970585	2948193	58.62%	3.523%
5	7.142	483	486	490	rVV	1959585	3083253	61.31%	3.685%
6	7.210	490	492	496	rVV	122648	211599	4.21%	0.253%
7	7.485	513	516	520	rBV	540884	797126	15.85%	0.953%
8	7.713	534	536	545	rBV	1631816	2390868	47.54%	2.857%
9	8.399	594	596	603	rBV	1504183	2003278	39.83%	2.394%
10	9.508	691	693	695	rBV	611697	940999	18.71%	1.125%
11	9.542	695	696	699	rVV	301061	464468	9.24%	0.555%
12	10.308	760	763	765	rBV	174684	260215	5.17%	0.311%
13	10.582	785	787	791	rVV	148471	213490	4.25%	0.255%
14	10.673	791	795	799	rVV	351512	481231	9.57%	0.575%
15	10.822	806	808	812	rBV	231976	376941	7.50%	0.450%
16	11.291	846	849	852	rVV	2377942	3062087	60.89%	3.659%
17	11.508	864	868	872	rVV	143107	260258	5.18%	0.311%
18	11.691	882	884	889	rBV	93938	218415	4.34%	0.261%
19	11.816	892	895	897	rVV	164401	275222	5.47%	0.329%
20	11.851	897	898	901	rVB2	181411	230470	4.58%	0.275%
21	11.988	907	910	912	rBV	416337	642082	12.77%	0.767%
22	12.114	918	921	924	rBV	694019	914079	18.18%	1.092%
23	12.342	938	941	946	rBV2	772795	1389212	27.62%	1.660%
24	12.685	969	971	975	rVV2	179525	346993	6.90%	0.415%
25	12.765	975	978	983	rVV2	97030	203775	4.05%	0.244%
26	12.879	986	988	991	rVB	161952	232107	4.62%	0.277%
27	13.177	1010	1014	1016	rBV	290272	424824	8.45%	0.508%
28	13.234	1016	1019	1023	rVB	181108	302694	6.02%	0.362%
29	13.531	1041	1045	1048	rVB3	138727	356396	7.09%	0.426%
30	13.634	1051	1054	1059	rVV	1273549	1772808	35.25%	2.119%
31	13.977	1079	1084	1086	rBV2	350528	886560	17.63%	1.059%
32	14.354	1115	1117	1122	rBV3	112908	320420	6.37%	0.383%
33	14.457	1124	1126	1130	rVB2	142518	209929	4.17%	0.251%
34	14.685	1144	1146	1148	rBV2	234469	320424	6.37%	0.383%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.742	1148	1151	1152	rBV	728381	923828	18.37%	1.104%
36	14.777	1152	1154	1157	rVB	861258	1061348	21.10%	1.268%
37	14.868	1157	1162	1165	rBV	402021	664592	13.22%	0.794%
38	15.165	1186	1188	1189	rBV	215809	288784	5.74%	0.345%
39	15.360	1203	1205	1207	rVV	214274	222819	4.43%	0.266%
40	15.531	1218	1220	1222	rVB	217521	275564	5.48%	0.329%
41	15.577	1222	1224	1229	rBV	393748	520159	10.34%	0.622%
42	15.691	1232	1234	1236	rBV	325407	480258	9.55%	0.574%
43	15.725	1236	1237	1242	rVB	241664	332756	6.62%	0.398%
44	15.885	1249	1251	1255	rBV4	81151	208505	4.15%	0.249%
45	15.965	1255	1258	1262	rBV2	212883	515962	10.26%	0.617%
46	16.034	1262	1264	1267	rVB	270056	335930	6.68%	0.401%
47	16.240	1280	1282	1284	rVV	147460	189902	3.78%	0.227%
48	16.343	1288	1291	1293	rBV	427191	585042	11.63%	0.699%
49	16.388	1293	1295	1297	rVV	181022	319555	6.35%	0.382%
50	16.468	1300	1302	1304	rVB	289758	397471	7.90%	0.475%
51	16.514	1304	1306	1307	rBV	205360	256169	5.09%	0.306%
52	16.560	1307	1310	1312	rVV	2323504	3615678	71.90%	4.321%
53	16.651	1315	1318	1319	rBV	177619	246368	4.90%	0.294%
54	16.685	1319	1321	1323	rVB	250794	327234	6.51%	0.391%
55	16.857	1333	1336	1338	rVB	2868851	3553017	70.65%	4.246%
56	16.937	1338	1343	1344	rBV3	135419	252763	5.03%	0.302%
57	16.971	1344	1346	1348	rVB	163358	209523	4.17%	0.250%
58	17.040	1348	1352	1354	rBV2	263370	487026	9.68%	0.582%
59	17.097	1354	1357	1360	rVB	1771600	2229404	44.33%	2.664%
60	17.177	1360	1364	1367	rBV3	270987	643622	12.80%	0.769%
61	17.291	1370	1374	1375	rBV3	362688	763649	15.19%	0.913%
62	17.314	1375	1376	1379	rVB	437400	459532	9.14%	0.549%
63	17.406	1379	1384	1386	rBV2	245873	353478	7.03%	0.422%
64	17.451	1386	1388	1390	rBV	629034	898836	17.87%	1.074%
65	17.566	1394	1398	1400	rBV2	284469	405688	8.07%	0.485%
66	17.828	1418	1421	1422	rBV2	121185	244602	4.86%	0.292%
67	17.931	1428	1430	1434	rBV3	109383	277579	5.52%	0.332%
68	18.000	1434	1436	1438	rVV	551594	626350	12.45%	0.749%
69	18.126	1445	1447	1448	rBV	266804	512216	10.19%	0.612%
70	18.148	1448	1449	1451	rVB	414458	390722	7.77%	0.467%
71	18.183	1451	1452	1454	rBV	326243	395388	7.86%	0.473%

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72	18.274	1458	1460	1465	rVB2	383001	670215	13.33%	0.801%
73	18.446	1472	1475	1477	rBV2	1834861	3590247	71.39%	4.290%
74	18.491	1477	1479	1481	rVV	1841511	2362636	46.98%	2.823%
75	18.571	1484	1486	1488	rVB2	198396	250184	4.97%	0.299%
76	18.651	1491	1493	1498	rVB3	229873	416611	8.28%	0.498%
77	18.720	1498	1499	1501	rBV2	183157	243443	4.84%	0.291%
78	18.766	1501	1503	1506	rVB4	197912	386550	7.69%	0.462%
79	18.903	1513	1515	1517	rBV2	105260	192001	3.82%	0.229%
80	18.949	1517	1519	1521	rVB	406924	526668	10.47%	0.629%
81	18.994	1521	1523	1525	rVB2	291115	313466	6.23%	0.375%
82	19.029	1525	1526	1528	rBV2	199048	317332	6.31%	0.379%
83	19.109	1531	1533	1534	rBV2	236435	358478	7.13%	0.428%
84	19.200	1539	1541	1545	rVB2	137365	243446	4.84%	0.291%
85	19.383	1554	1557	1560	rVB2	170043	376972	7.50%	0.450%
86	19.554	1570	1572	1575	rBV	347866	535538	10.65%	0.640%
87	19.726	1584	1587	1592	rBV	2315035	5028965	100.00%	6.010%
88	19.829	1594	1596	1598	rVB	645638	641477	12.76%	0.767%
89	20.012	1610	1612	1615	rBV	1397824	1749714	34.79%	2.091%
90	20.069	1615	1617	1620	rVV	1468641	1936634	38.51%	2.314%
91	20.126	1621	1622	1623	rVV	458044	407655	8.11%	0.487%
92	20.149	1623	1624	1634	rVB2	349268	1025221	20.39%	1.225%
93	21.052	1700	1703	1706	rBV2	110067	290732	5.78%	0.347%
94	21.109	1706	1708	1711	rVB2	132887	216345	4.30%	0.259%
95	21.349	1726	1729	1733	rBV	822365	1492495	29.68%	1.784%
96	21.532	1743	1745	1748	rVB2	129126	216778	4.31%	0.259%
97	21.703	1757	1760	1769	rVB	531891	1066952	21.22%	1.275%
98	21.920	1776	1779	1785	rVB2	121078	269563	5.36%	0.322%
99	23.498	1913	1917	1923	rVB	131619	429891	8.55%	0.514%
100	23.669	1928	1932	1937	rBV	107489	364468	7.25%	0.436%

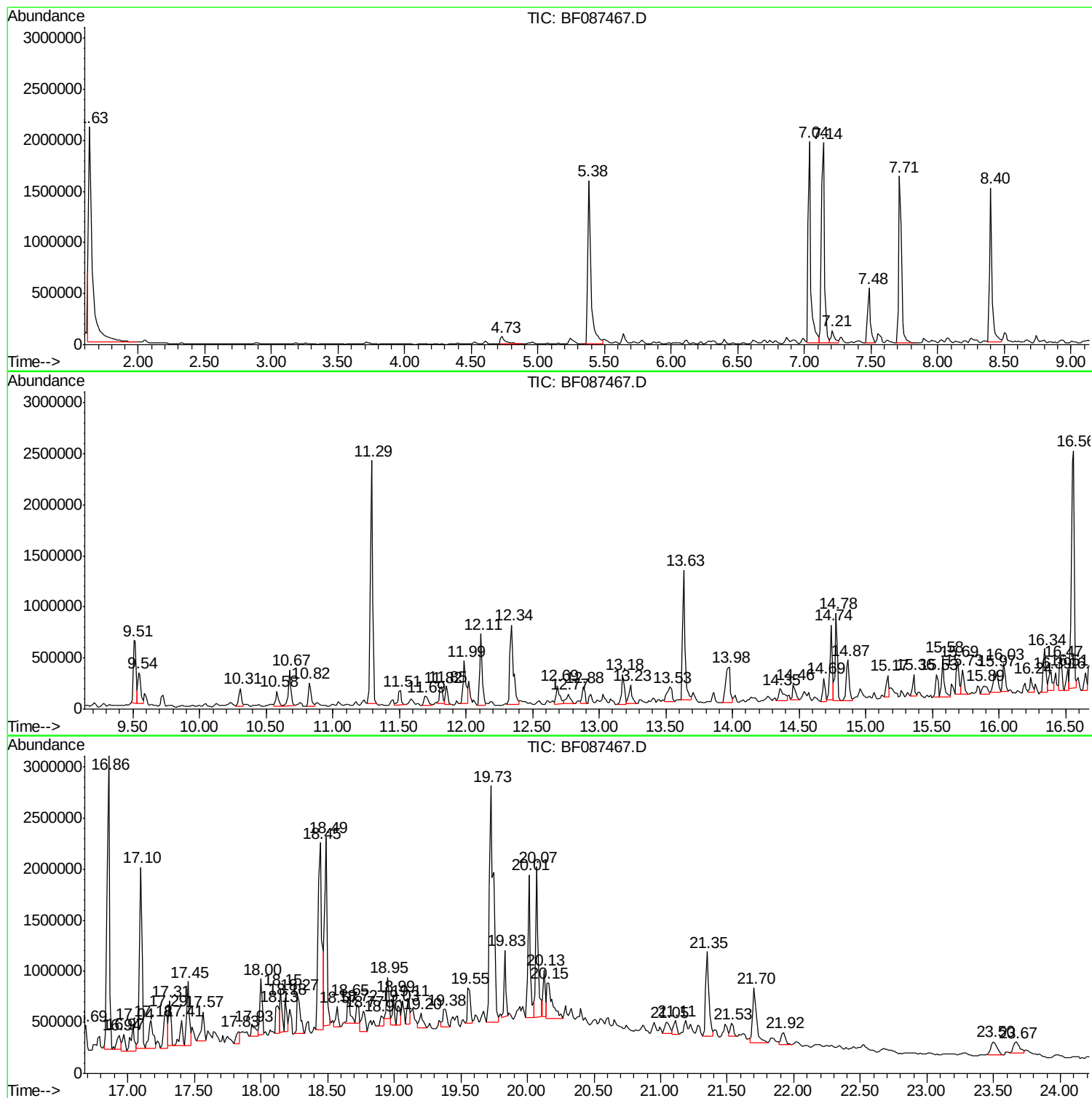
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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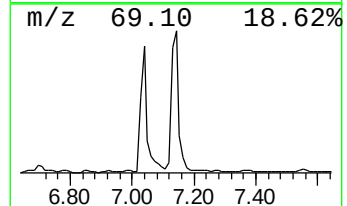
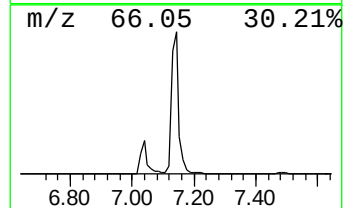
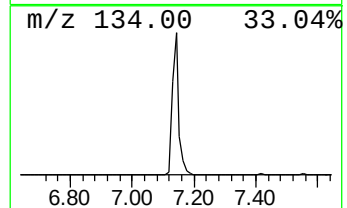
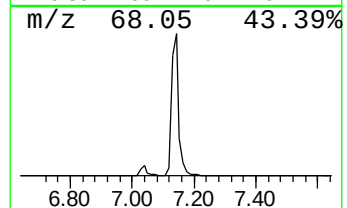
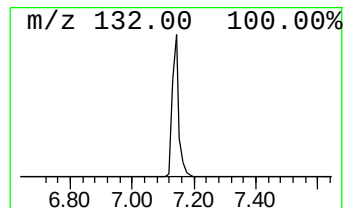
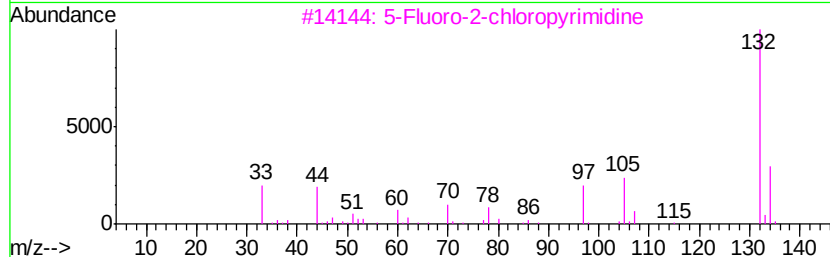
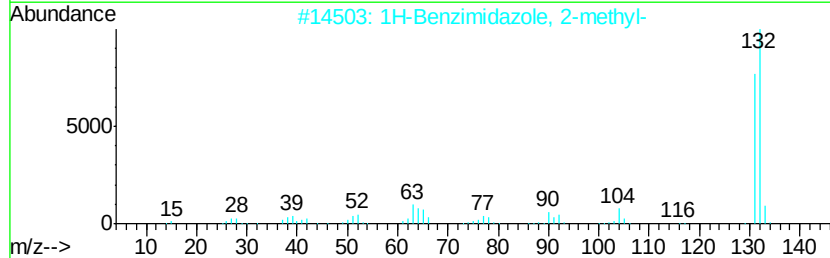
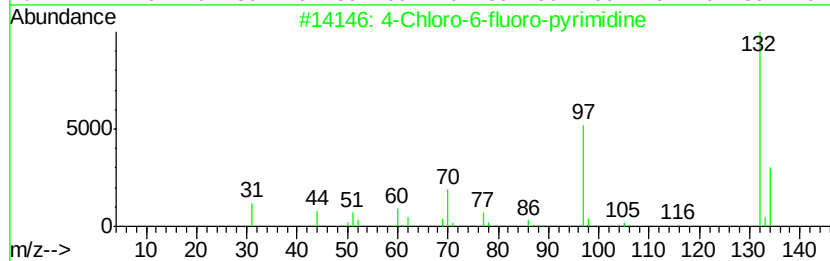
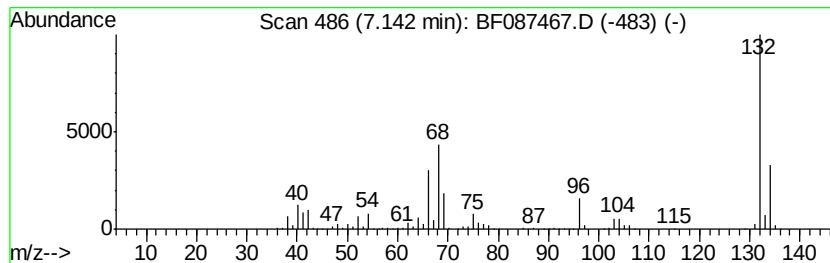
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	77.36 ng	3083250	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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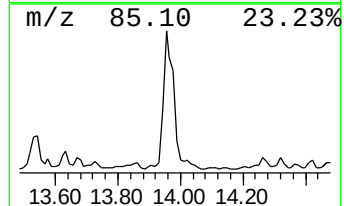
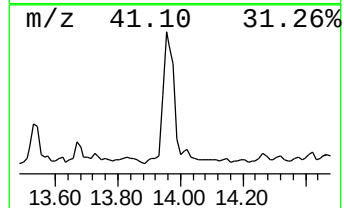
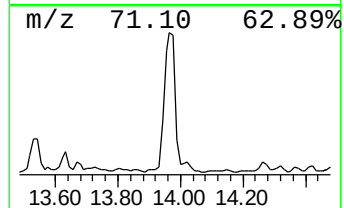
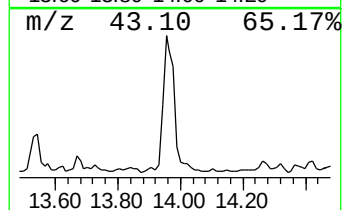
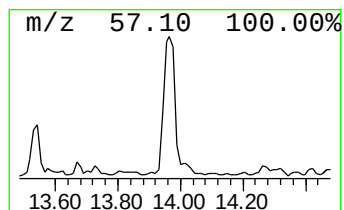
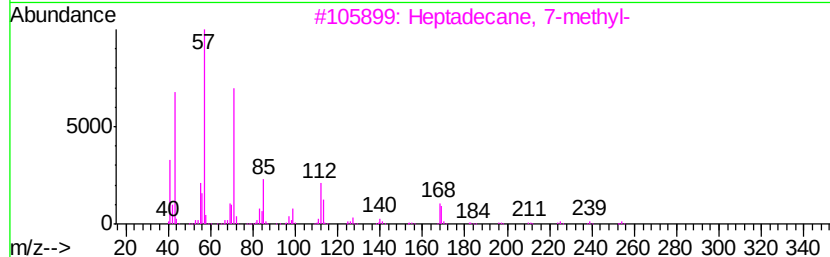
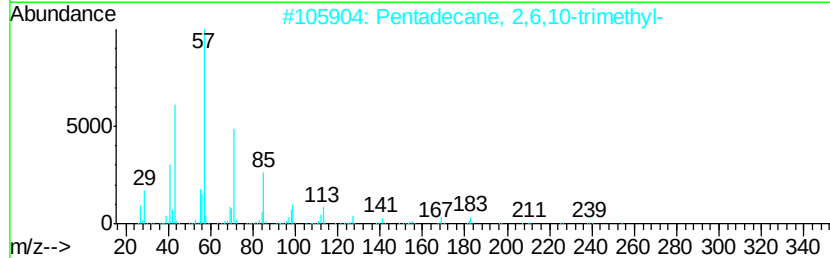
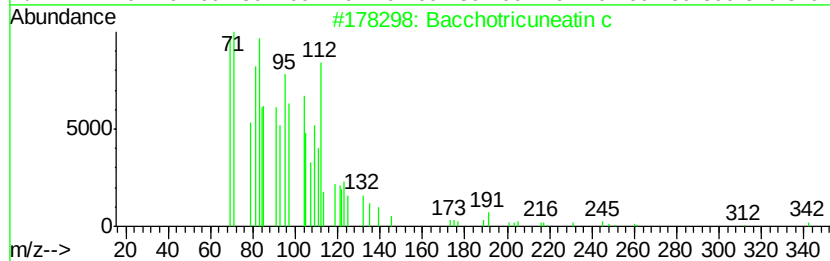
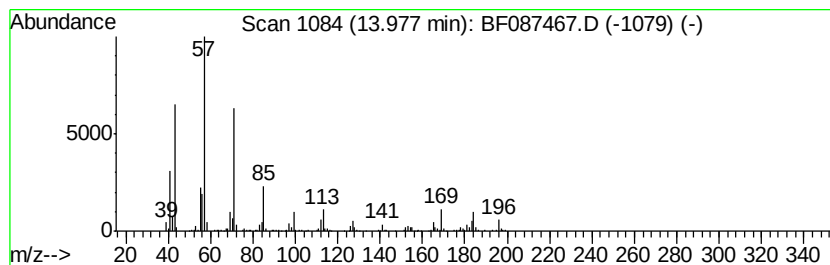
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Bacchotricuneatin c Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	19.19 ng	886560	Phenanthrene-d10	14.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



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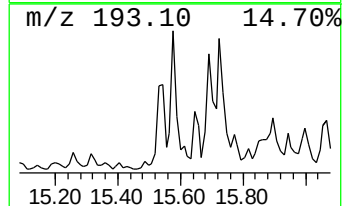
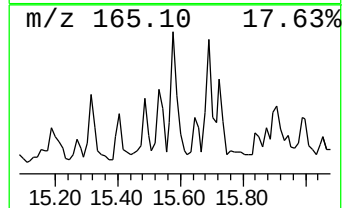
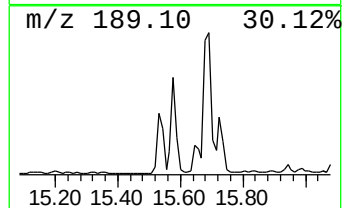
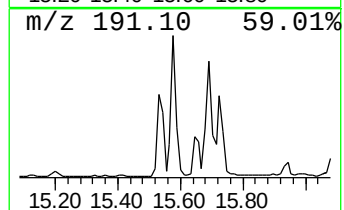
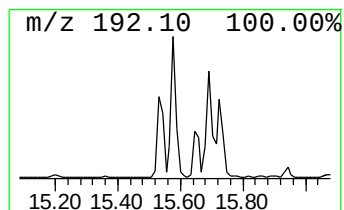
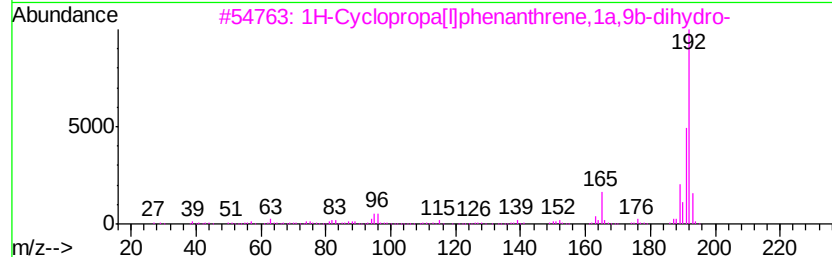
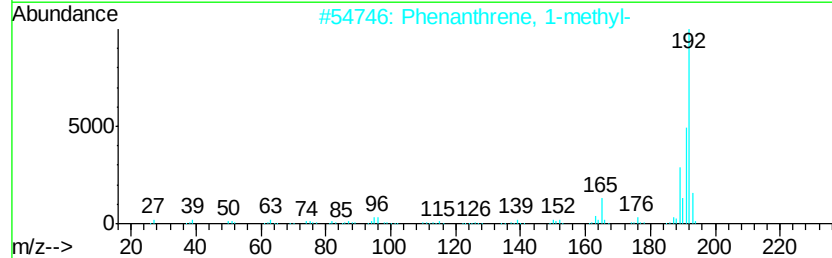
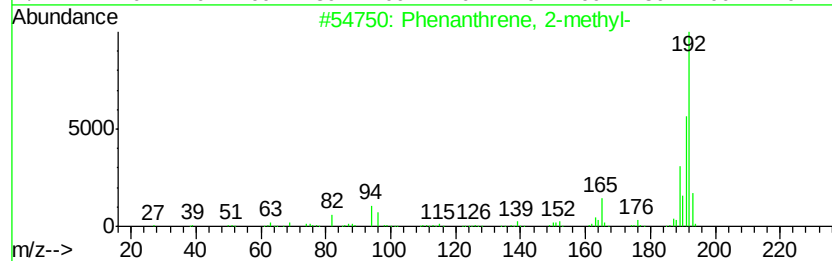
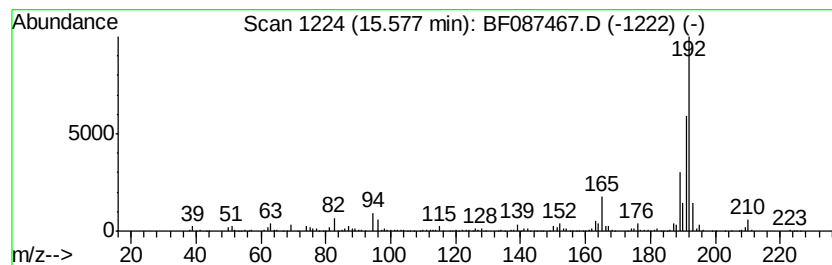
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	11.26 ng	520159	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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Operator : UM/SJ
Sample : H3190-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

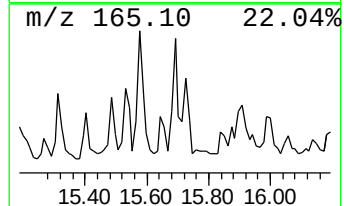
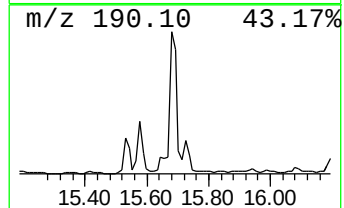
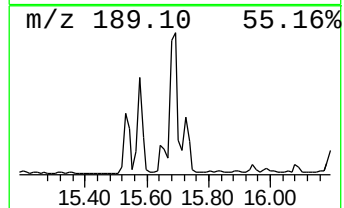
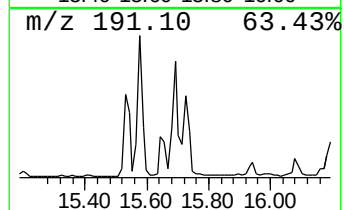
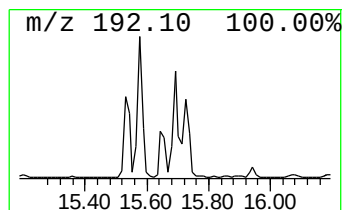
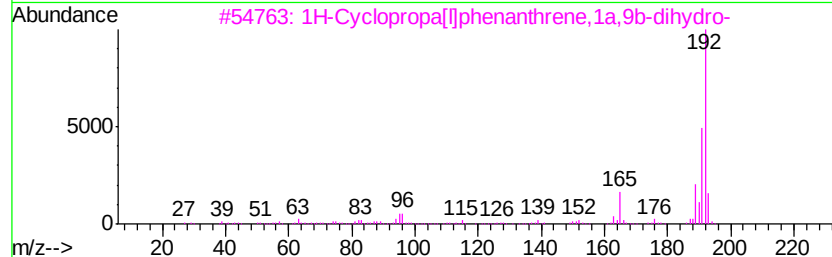
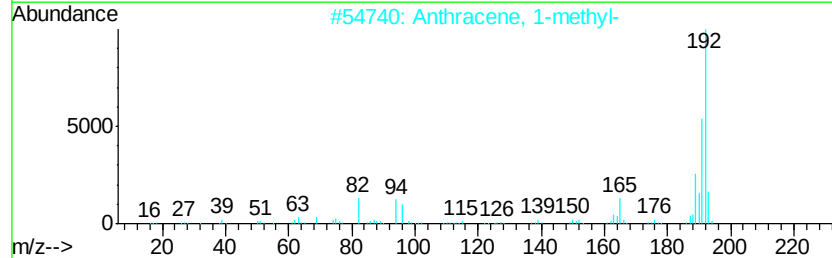
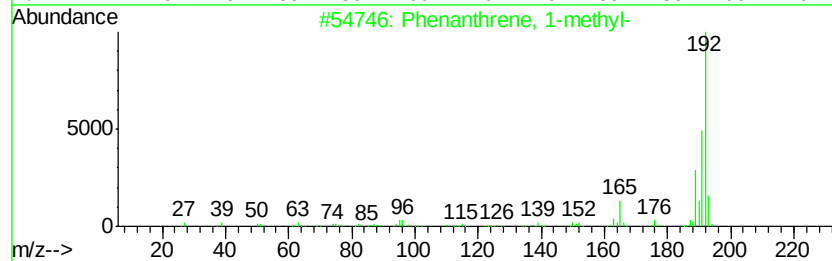
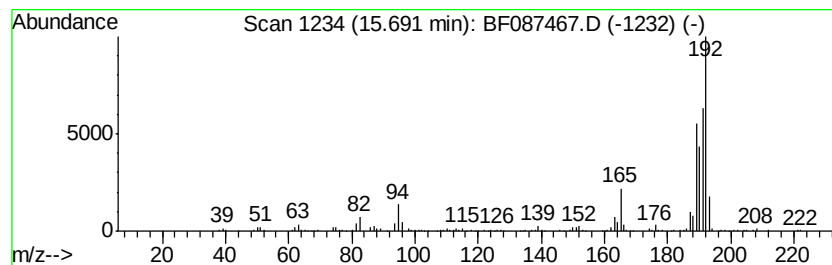
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.69	10.40 ng	480258	Phenanthrene-d10	14.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	1H-Cyclopropa[1,1a]phenanthrene,1a,...	192	C15H12	000949-41-7	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
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ClientSampleId :
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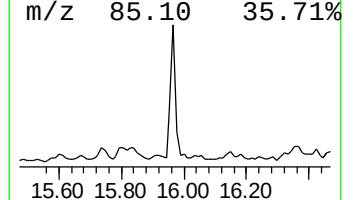
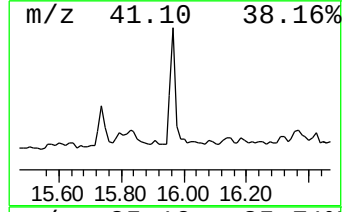
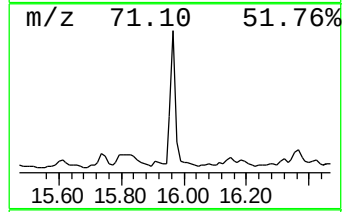
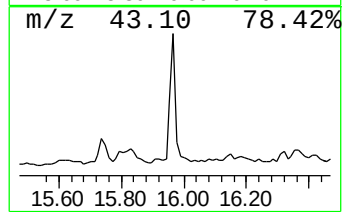
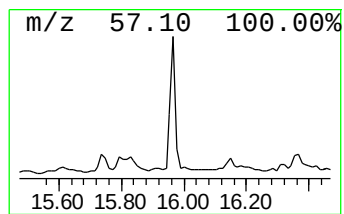
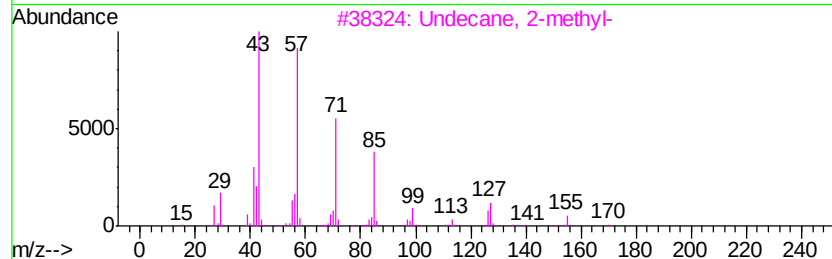
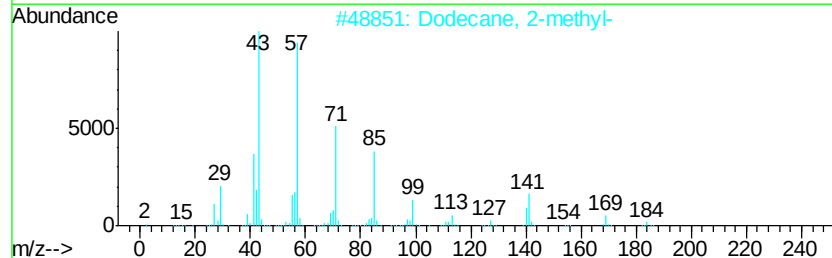
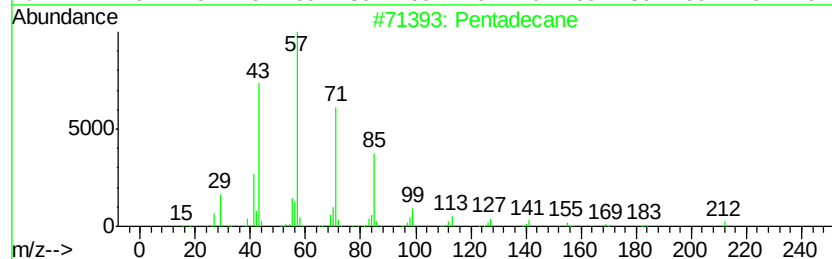
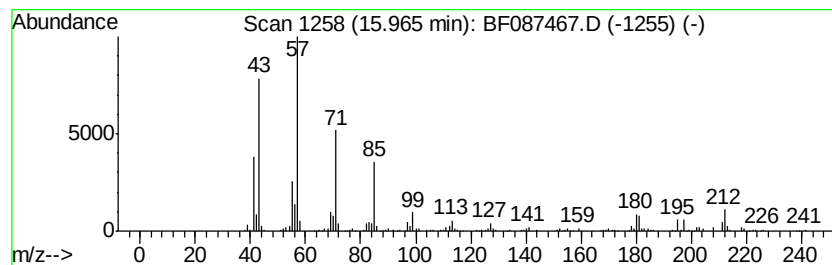
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	11.17 ng	515962	Phenanthrene-d10	14.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	81
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	76
3	Undecane, 2-methyl-		170	C12H26	007045-71-8	68
4	Heneicosane		296	C21H44	000629-94-7	64
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
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Acq On : 28 May 2016 4:55
Operator : UM/SJ
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Misc :
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ClientSampleId :
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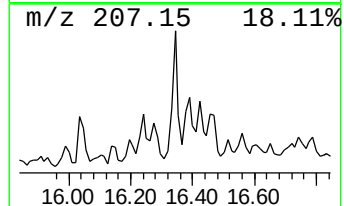
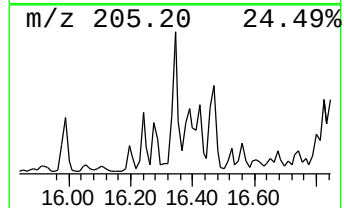
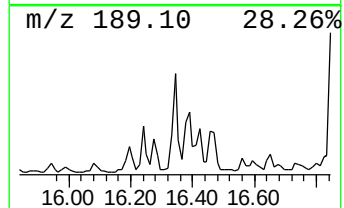
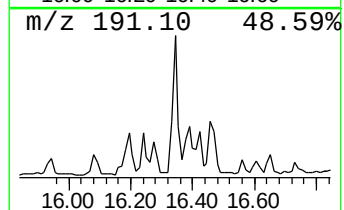
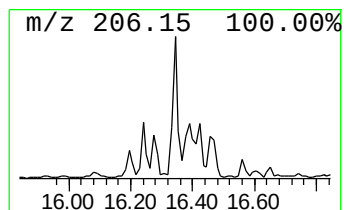
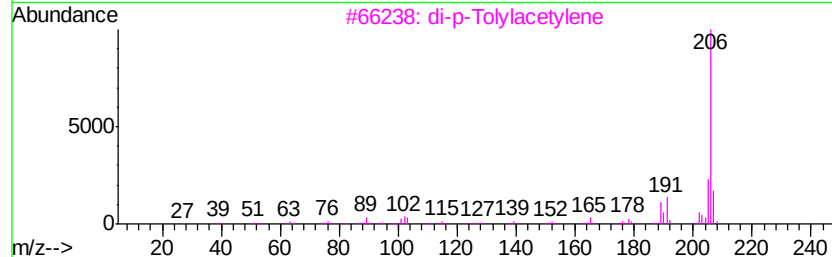
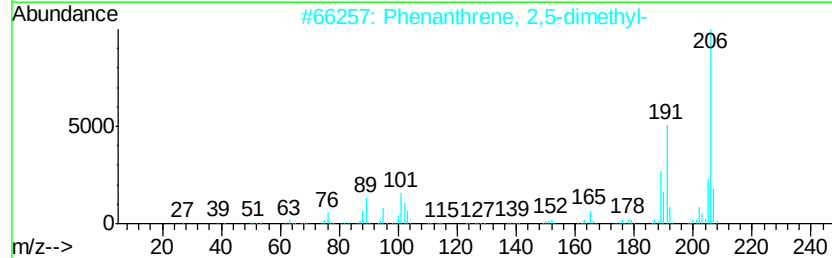
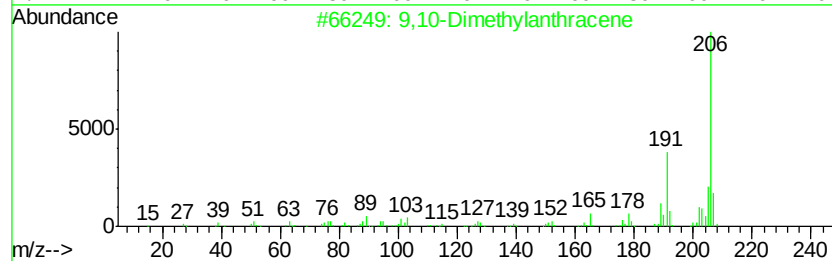
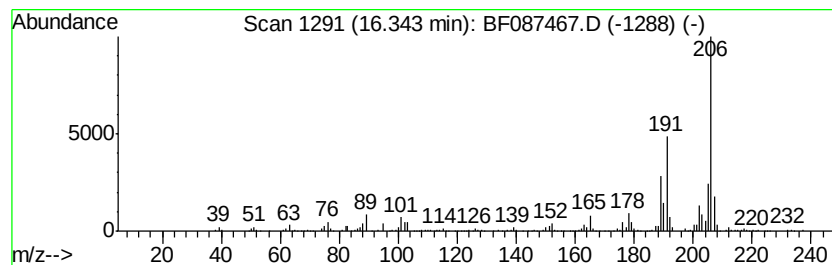
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	12.67 ng	585042	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3		di-p-Tolylacetvlene	206	C16H14	002789-88-0	91
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087467.D
Acq On : 28 May 2016 4:55
Operator : UM/SJ
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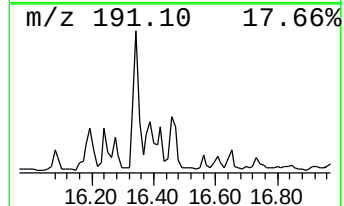
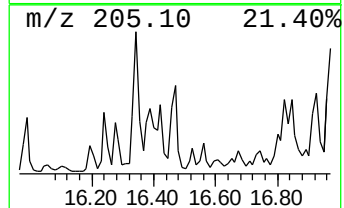
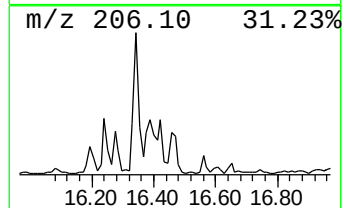
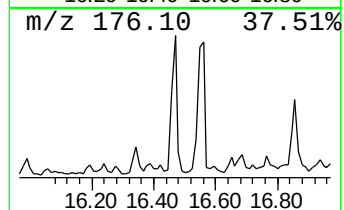
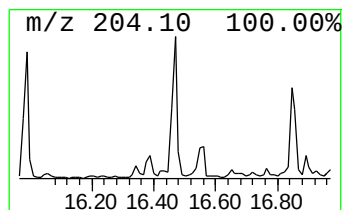
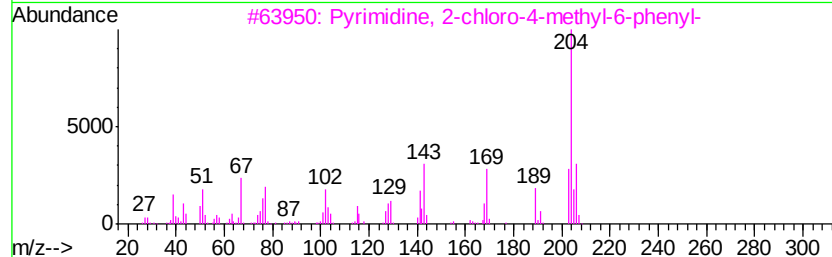
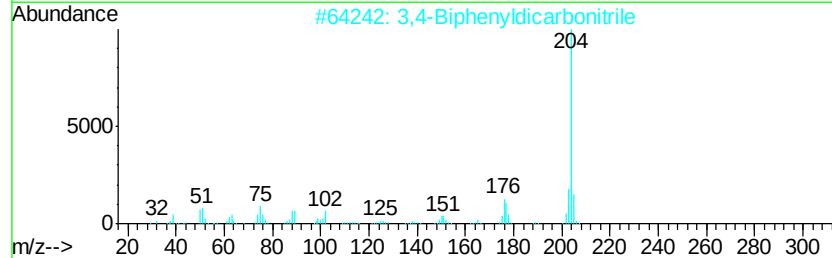
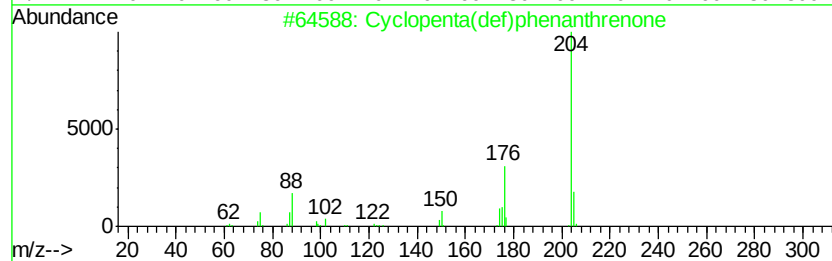
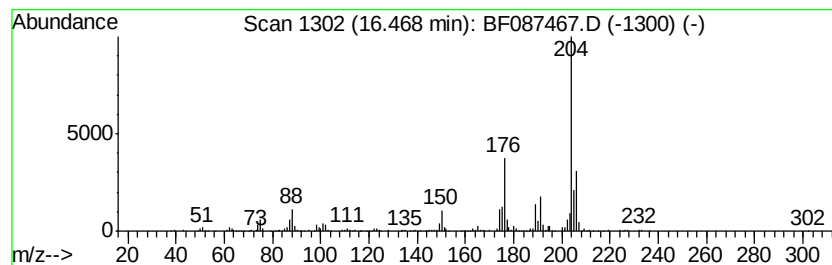
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	8.60 ng	397471	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3		Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
4		.alpha.-L-Mannopyranose, 6-deoxy...	452	C18H44O5Si4	055057-21-1	47
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
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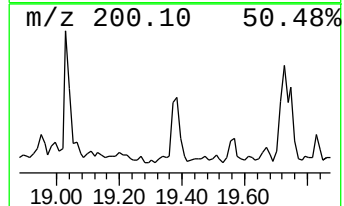
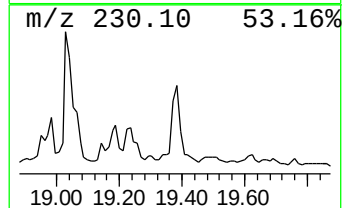
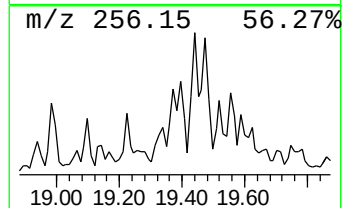
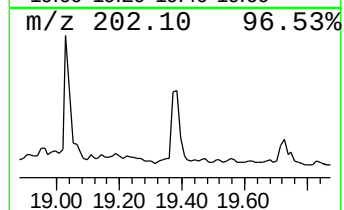
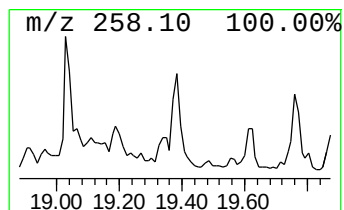
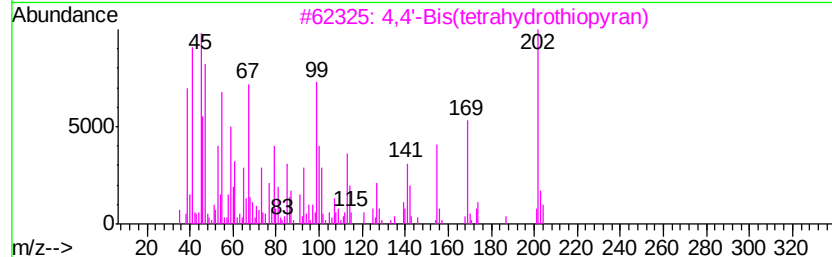
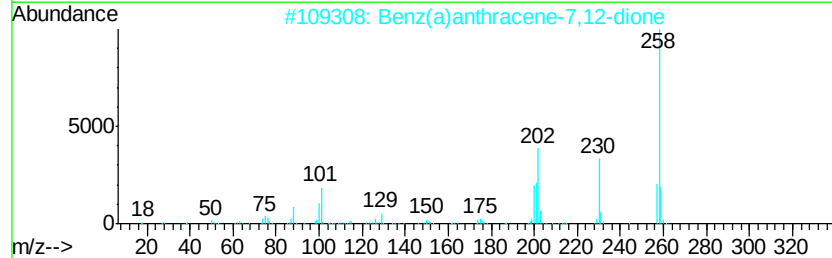
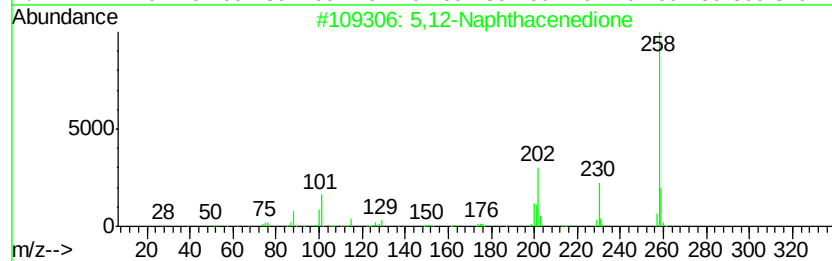
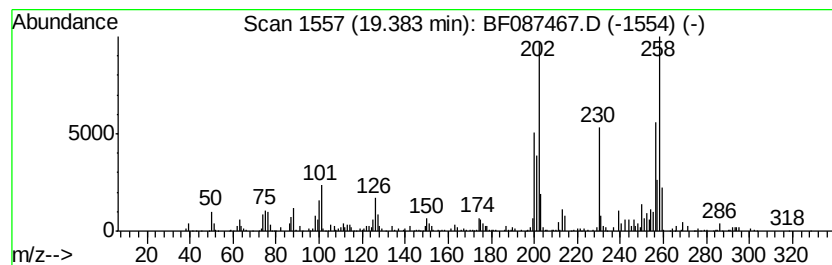
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TIC Integration Parameters: LSCINT.P

Peak Number 11 5,12-Naphthacenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	18.49 ng	376972	Perylene-d12	20.13

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	60
3		4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	56
4		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	56
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
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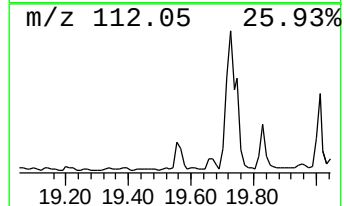
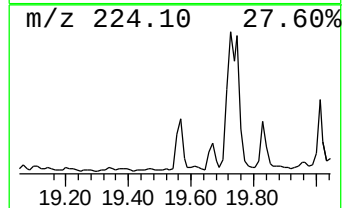
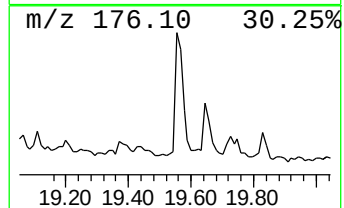
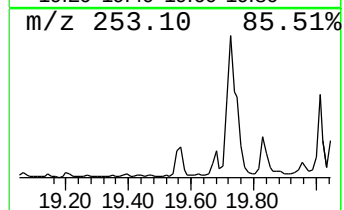
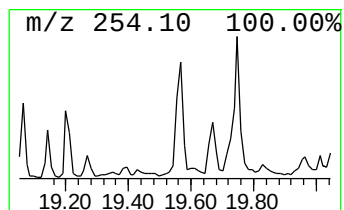
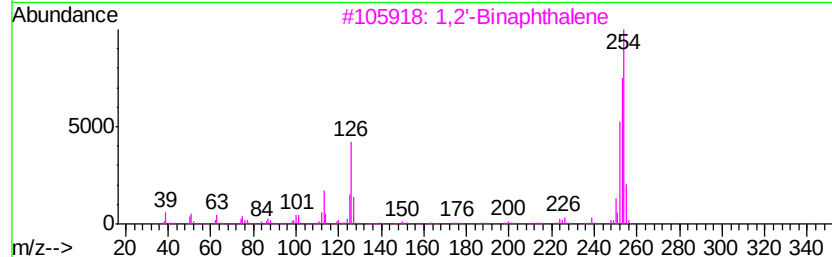
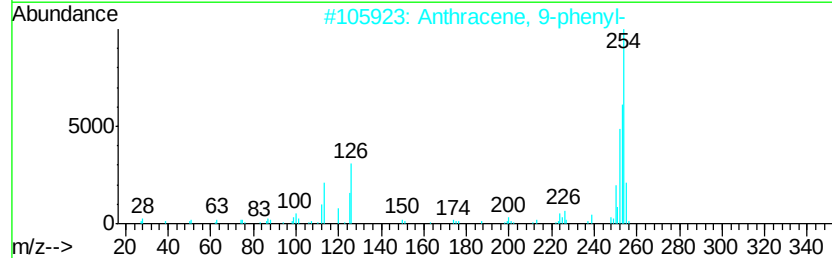
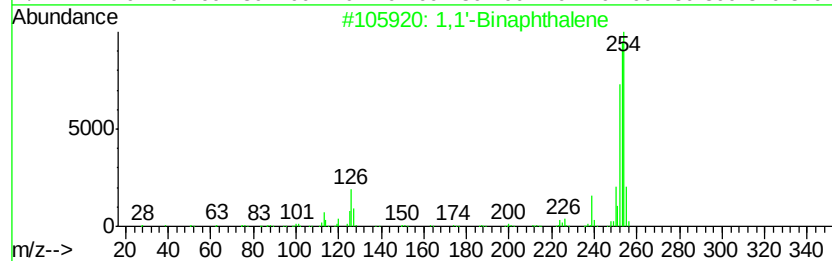
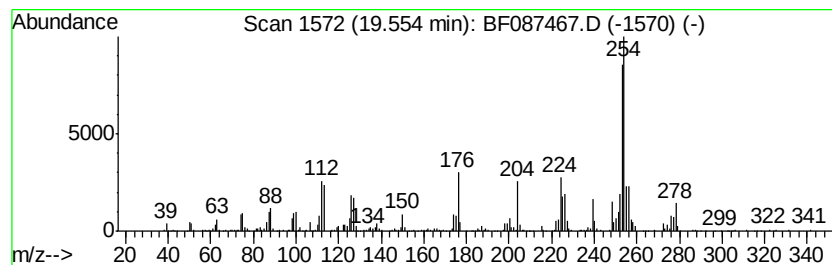
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Binaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	26.27 ng	535538	Perylene-d12	20.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	62
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	58
4		Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	52
5		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
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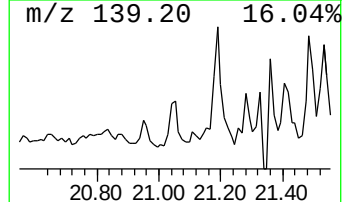
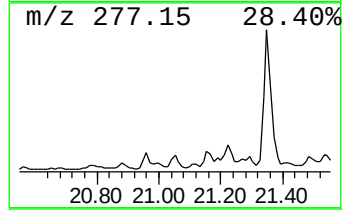
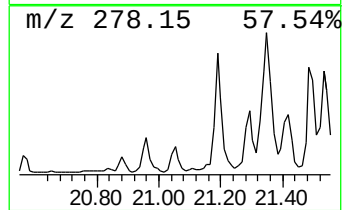
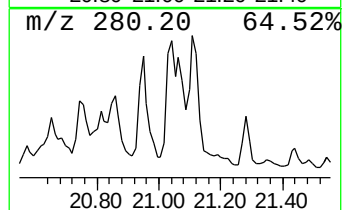
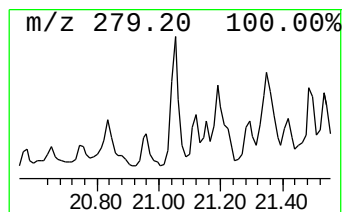
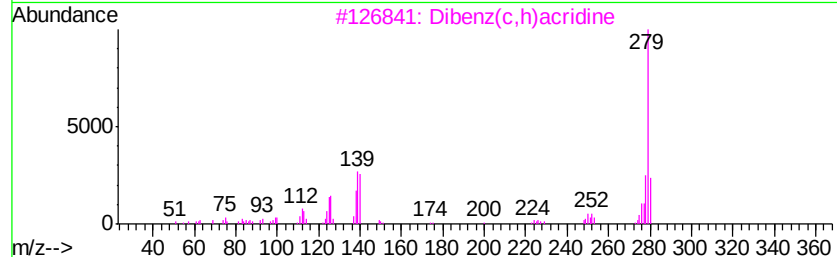
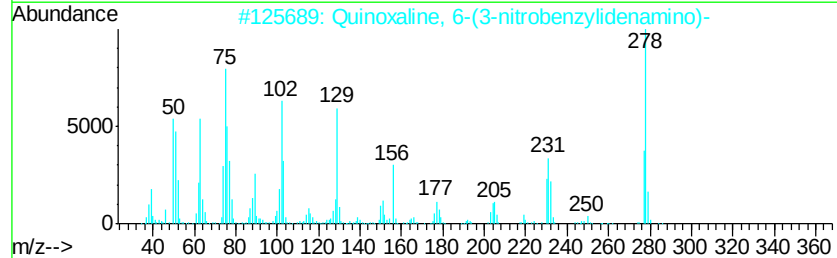
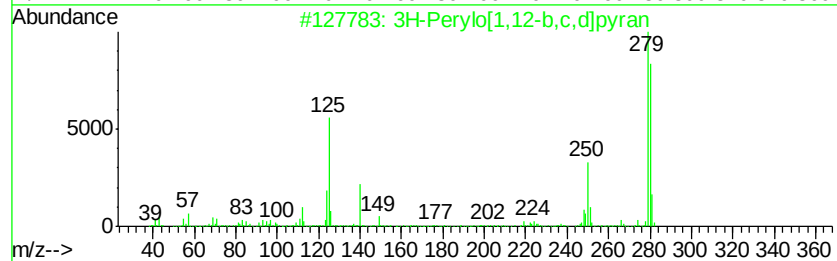
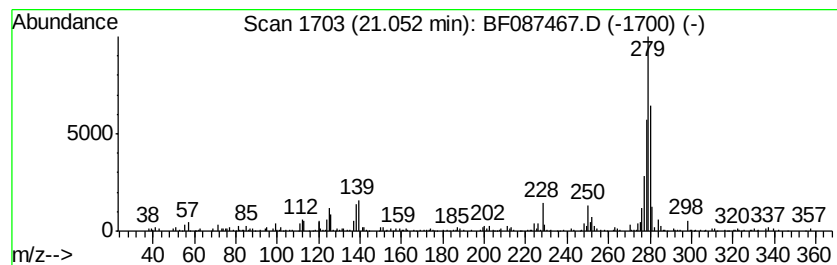
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3H-Perylo[1,12-b,c,d]pyran Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.05	14.26 ng	290732	Perylene-d12	20.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3H-Perylo[1,12-b,c,d]pyran	280	C21H12O	1000281-21-7	78
2		Quinoxaline, 6-(3-nitrobenzylideneamino)-	278	C15H10N4O2	302800-55-1	68
3		Dibenz(c,h)acridine	279	C21H13N	000224-53-3	64
4		2-Benzyl-5-bromo-6-methyl-4-pyridine	278	C12H11BrN2O	1000240-89-5	64
5		Dibenz(a,c)acridine	279	C21H13N	000215-62-3	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
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Acq On : 28 May 2016 4:55
Operator : UM/SJ
Sample : H3190-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

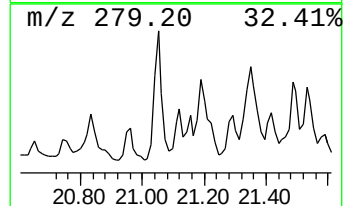
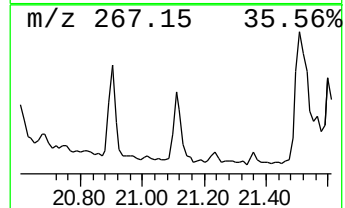
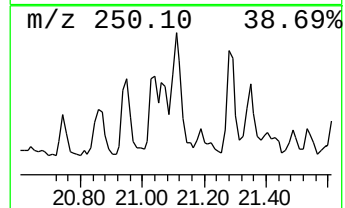
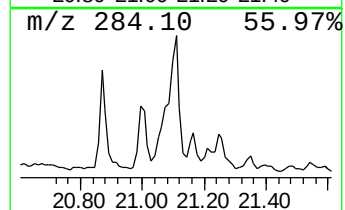
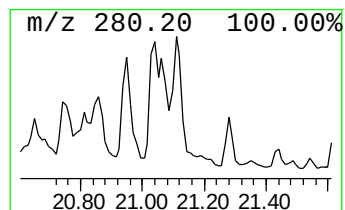
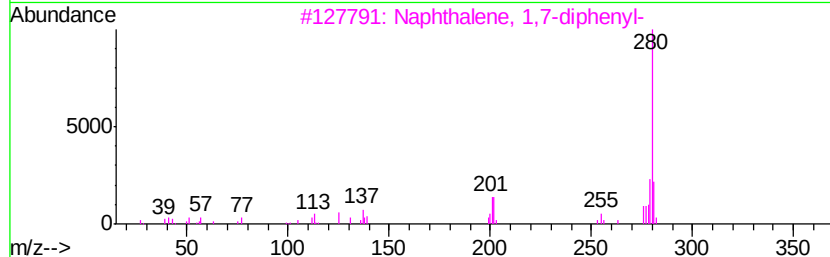
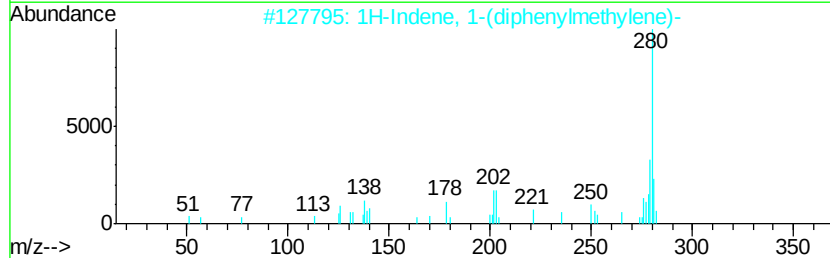
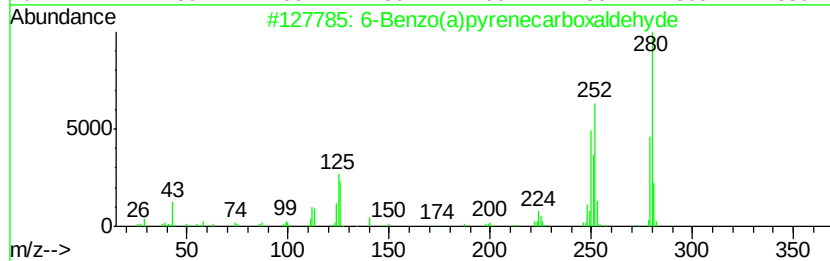
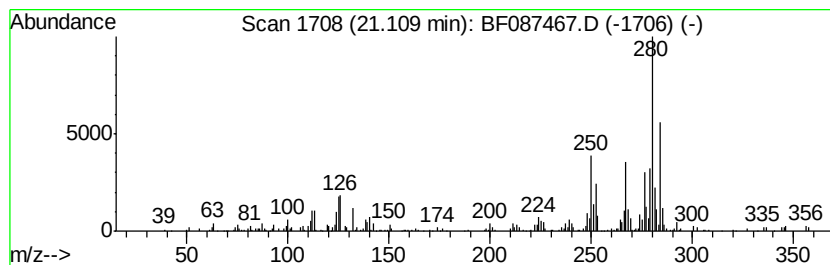
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 6-Benzo(a)pyrenecarboxaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.11	10.61 ng	216345	Perylene-d12		20.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6		Benzo(a)pyrenecarboxaldehyde	280	C21H12O	013312-42-0	89
2	1H-Indene, 1-(diphenylmethylene)-			280	C22H16	013245-90-4	46
3	Naphthalene, 1,7-diphenyl-			280	C22H16	000970-06-9	45
4	3-Benzo[1,2,5]thiadiazol-4-yl-3H...			280	C14H8N4OS	1000274-81-9	43
5	Dibenz[a,j]anthracene-5,6-quinone			308	C22H12O2	052755-66-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087467.D
Acq On : 28 May 2016 4:55
Operator : UM/SJ
Sample : H3190-04
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Instrument :
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ClientSampleId :
CHS-STA-1705(0-4)

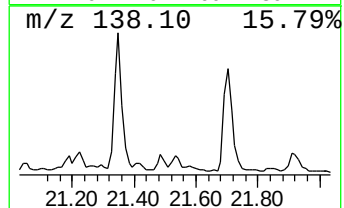
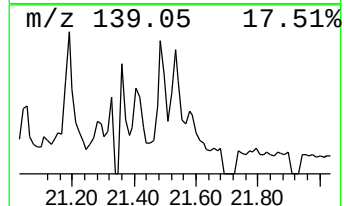
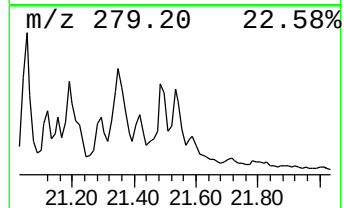
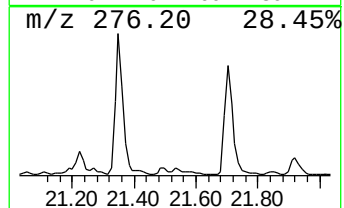
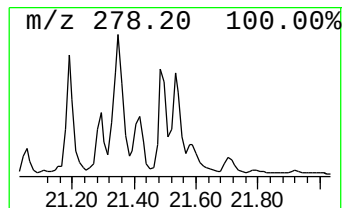
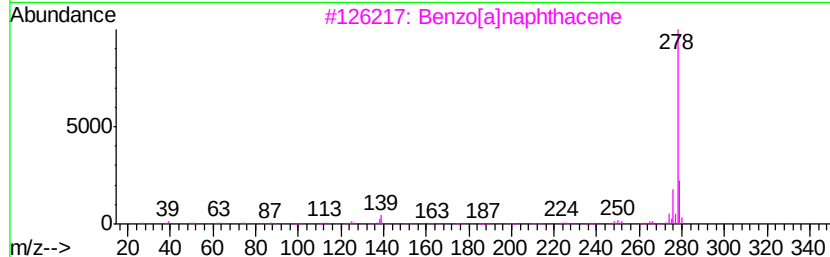
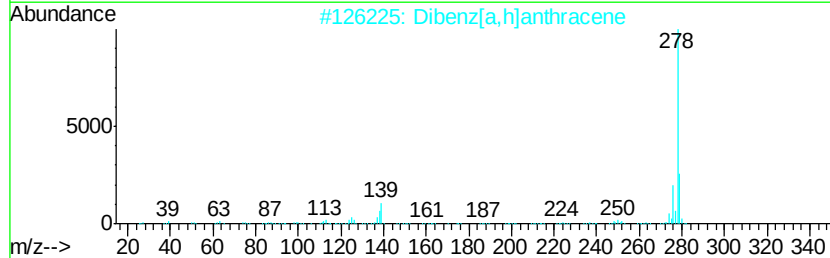
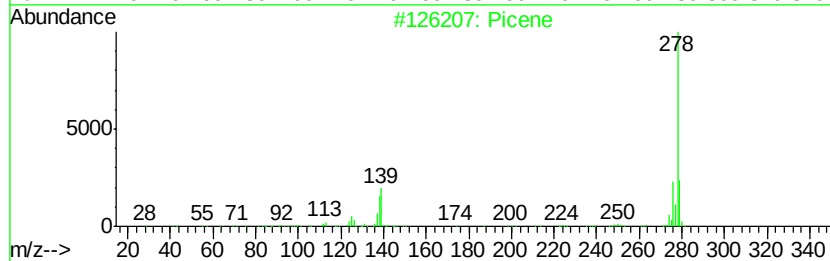
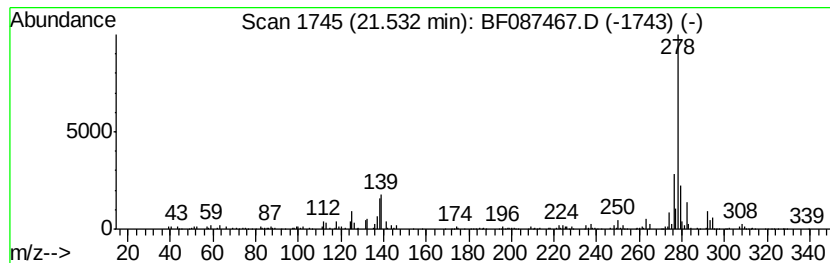
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Picene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	10.64 ng	216778	Perylene-d12	20.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	96
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	93
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	93
5		Pentaphene	278	C22H14	000222-93-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087467.D
Acq On : 28 May 2016 4:55
Operator : UM/SJ
Sample : H3190-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHS-STA-1705(0-4)

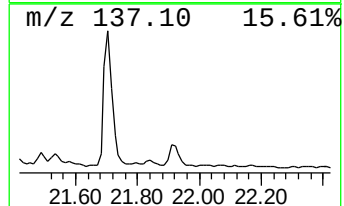
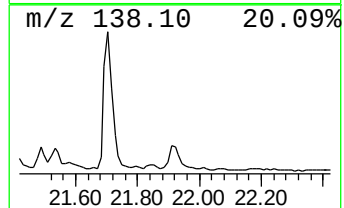
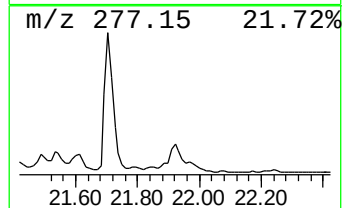
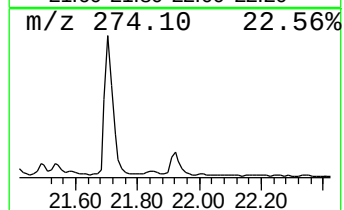
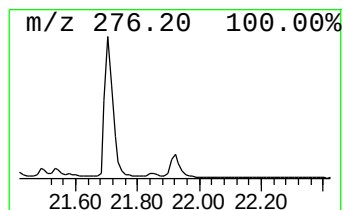
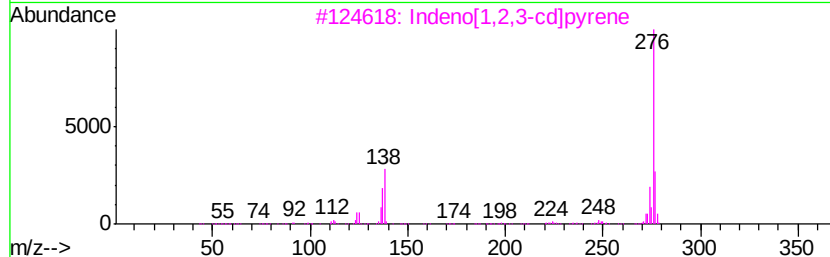
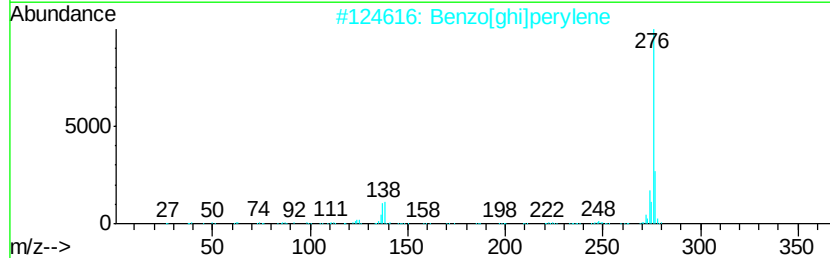
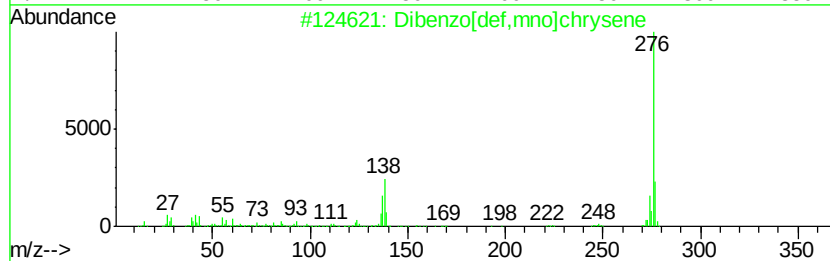
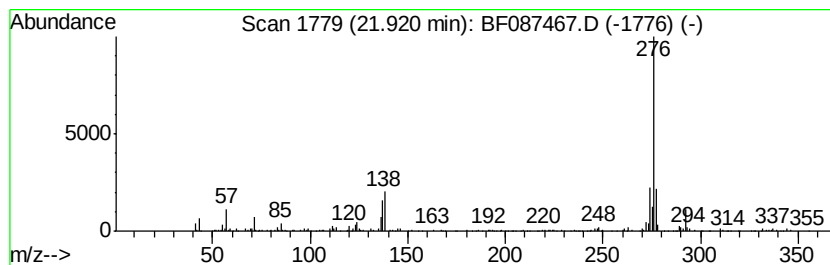
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	13.23 ng	269563	Perylene-d12	20.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	90
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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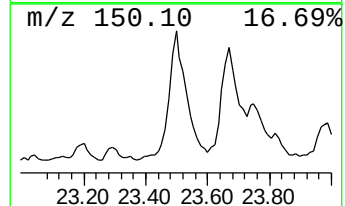
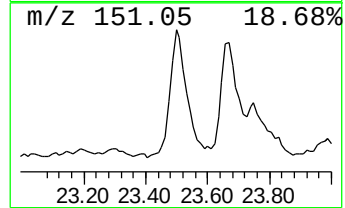
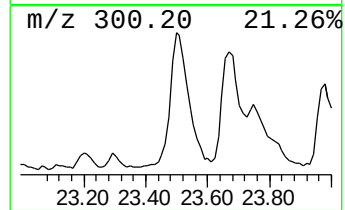
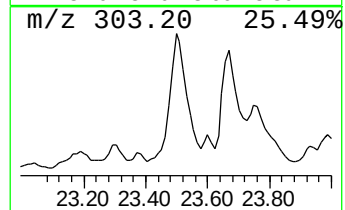
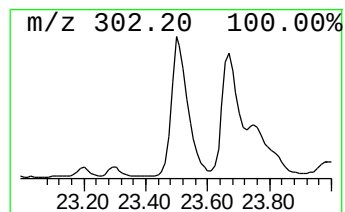
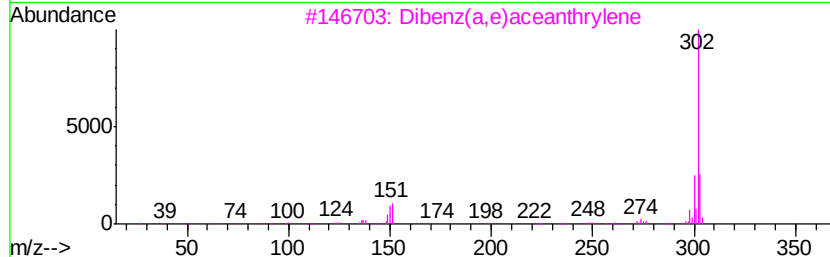
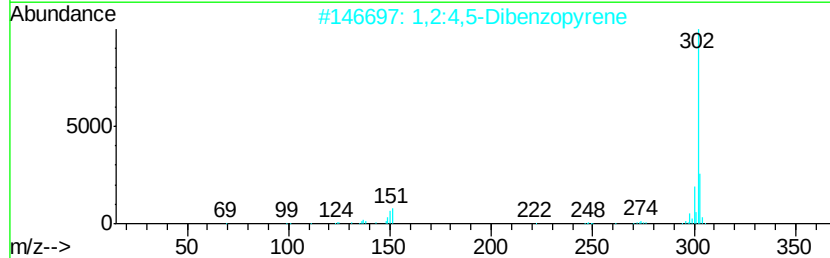
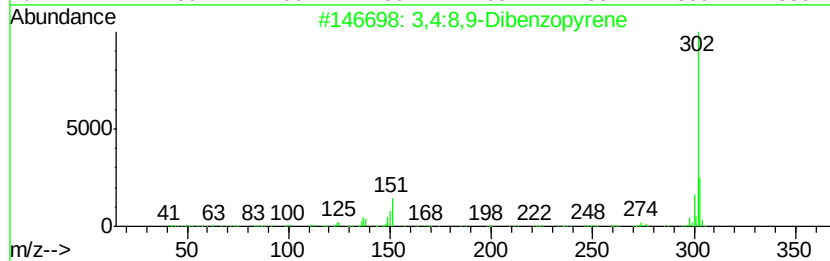
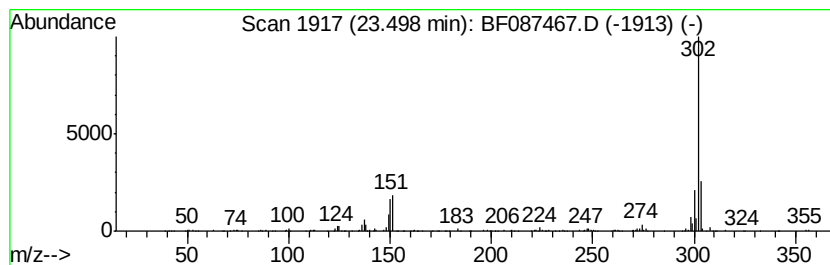
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	21.09 ng	429891	Perylene-d12	20.13

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



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 Sample : H3190-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 CHS-STA-1705(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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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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Bacchotricuneatin c	13.98	19.2	ng	886560	4	14.74	923828	20.0
Phenanthrene, 2-m...	15.58	11.3	ng	520159	4	14.74	923828	20.0
Phenanthrene, 1-m...	15.69	10.4	ng	480258	4	14.74	923828	20.0
Pentadecane	15.97	11.2	ng	515962	4	14.74	923828	20.0
9,10-Dimethylanthe...	16.34	12.7	ng	585042	4	14.74	923828	20.0
Cyclopenta(def)ph...	16.47	8.6	ng	397471	4	14.74	923828	20.0
5,12-Naphthacened...	19.38	18.5	ng	376972	6	20.13	407655	20.0
1,1'-Binaphthalene	19.55	26.3	ng	535538	6	20.13	407655	20.0
3H-Perylo[1,12-b,...	21.05	14.3	ng	290732	6	20.13	407655	20.0
6-Benzo(a)pyrenec...	21.11	10.6	ng	216345	6	20.13	407655	20.0
Picene	21.53	10.6	ng	216778	6	20.13	407655	20.0
Dibenzo[def,mno]c...	21.92	13.2	ng	269563	6	20.13	407655	20.0
3,4:8,9-Dibenzopy...	23.50	21.1	ng	429891	6	20.13	407655	20.0