

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102595.D
 Acq On : 29 Jan 2018 14:09
 Operator : SJ/JU
 Sample : J1253-15 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-08(5-15)

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-BF012218.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	4.904	475	479	485	rBV	42984	56281	1.40%	0.105%
2	5.328	547	551	570	rBV	2013343	2108742	52.56%	3.943%
3	6.363	723	727	744	rBV	2073471	2242655	55.89%	4.193%
4	6.487	744	748	754	rBV	2377086	2032297	50.65%	3.800%
5	6.716	783	787	794	rBV	1190547	1033525	25.76%	1.932%
6	6.869	809	813	826	rBV	1922235	1622948	40.45%	3.035%
7	7.281	879	883	894	rBV	1293352	1240857	30.93%	2.320%
8	7.998	1001	1005	1007	rBV	1588463	1284301	32.01%	2.401%
9	8.016	1007	1008	1016	rVB	264994	263219	6.56%	0.492%
10	8.710	1123	1126	1135	rBV	163074	166191	4.14%	0.311%
11	8.810	1139	1143	1151	rVB	214024	196013	4.89%	0.366%
12	9.075	1184	1188	1195	rBV	2298038	2027892	50.54%	3.792%
13	9.175	1203	1205	1211	rVB	61985	56169	1.40%	0.105%
14	9.269	1218	1221	1228	rVB	64121	72185	1.80%	0.135%
15	9.339	1229	1233	1242	rBV	97726	149631	3.73%	0.280%
16	9.410	1242	1245	1248	rBV	201855	220692	5.50%	0.413%
17	9.439	1248	1250	1252	rVV	119751	96282	2.40%	0.180%
18	9.469	1252	1255	1261	rVB	387899	321460	8.01%	0.601%
19	9.528	1261	1265	1274	rBV	131806	167480	4.17%	0.313%
20	9.610	1277	1279	1288	rVB	148929	148657	3.71%	0.278%
21	9.675	1288	1290	1294	rBV	82321	73218	1.82%	0.137%
22	9.751	1295	1303	1306	rBV2	1498811	1382815	34.46%	2.586%
23	9.786	1306	1309	1312	rVB	561839	514454	12.82%	0.962%
24	9.857	1318	1321	1325	rBV2	56651	77243	1.93%	0.144%
25	9.904	1325	1329	1332	rBV2	100290	120204	3.00%	0.225%
26	9.957	1334	1338	1341	rVV2	347119	333262	8.31%	0.623%
27	9.992	1341	1344	1348	rVB2	113491	119040	2.97%	0.223%
28	10.069	1354	1357	1359	rBV	99046	98823	2.46%	0.185%
29	10.098	1359	1362	1367	rVB	76558	82868	2.07%	0.155%
30	10.157	1368	1372	1374	rBV	101392	132840	3.31%	0.248%
31	10.175	1374	1375	1378	rVB	148141	92506	2.31%	0.173%
32	10.298	1393	1396	1401	rVB	621021	558150	13.91%	1.044%
33	10.351	1401	1405	1406	rBV2	93720	103419	2.58%	0.193%
34	10.363	1406	1407	1409	rVV	129958	87710	2.19%	0.164%

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35	10.386	1409	1411	1413	rVB3	119501	93131	2.32%	0.174%
36	10.457	1420	1423	1428	rVB	137767	159222	3.97%	0.298%
37	10.545	1434	1438	1442	rBV2	1024322	1001655	24.96%	1.873%
38	10.651	1453	1456	1464	rVB4	105868	201811	5.03%	0.377%
39	10.845	1484	1489	1492	rBV3	166322	244095	6.08%	0.456%
40	10.875	1492	1494	1497	rVV2	153694	141239	3.52%	0.264%
41	10.927	1501	1503	1506	rVB	98935	96504	2.41%	0.180%
42	10.957	1506	1508	1509	rBV	64923	51864	1.29%	0.097%
43	10.998	1513	1515	1520	rVV3	122391	134368	3.35%	0.251%
44	11.051	1521	1524	1527	rVV	153712	154130	3.84%	0.288%
45	11.092	1527	1531	1535	rVV2	144854	228343	5.69%	0.427%
46	11.133	1535	1538	1546	rVB	297912	318142	7.93%	0.595%
47	11.239	1553	1556	1558	rBV	1007263	1014777	25.29%	1.897%
48	11.269	1558	1561	1564	rVV	3736350	3495919	87.13%	6.536%
49	11.316	1566	1569	1572	rVB	1104711	910226	22.69%	1.702%
50	11.474	1592	1596	1602	rBV2	400815	482222	12.02%	0.902%
51	11.533	1603	1606	1608	rVV2	105118	100500	2.50%	0.188%
52	11.569	1610	1612	1617	rVB3	135248	160227	3.99%	0.300%
53	11.651	1623	1626	1631	rVB2	80319	87696	2.19%	0.164%
54	11.739	1638	1641	1644	rBV	683181	633069	15.78%	1.184%
55	11.769	1644	1646	1650	rVB	890776	746017	18.59%	1.395%
56	11.816	1651	1654	1657	rBV	340394	320409	7.99%	0.599%
57	11.857	1657	1661	1663	rVV2	964403	1104248	27.52%	2.065%
58	11.874	1663	1664	1670	rVB	539626	403900	10.07%	0.755%
59	11.927	1670	1673	1675	rBV3	86867	102730	2.56%	0.192%
60	11.974	1679	1681	1685	rVV3	58042	47880	1.19%	0.090%
61	12.039	1688	1692	1694	rVV	378564	377489	9.41%	0.706%
62	12.069	1695	1697	1702	rVV	253037	255986	6.38%	0.479%
63	12.110	1702	1704	1707	rVV	86298	59668	1.49%	0.112%
64	12.186	1714	1717	1720	rVB	156421	119573	2.98%	0.224%
65	12.216	1720	1722	1724	rBV	137306	97387	2.43%	0.182%
66	12.239	1724	1726	1730	rVB2	113653	107385	2.68%	0.201%
67	12.292	1731	1735	1738	rBV	477240	496113	12.36%	0.928%
68	12.327	1738	1741	1744	rVV2	250134	312699	7.79%	0.585%
69	12.386	1747	1751	1755	rBV3	256479	352814	8.79%	0.660%
70	12.463	1759	1764	1767	rBV	3408637	3397580	84.68%	6.353%
71	12.521	1772	1774	1777	rVB2	122323	113309	2.82%	0.212%

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72	12.604	1785	1788	1791	rBV2	180444	194054	4.84%	0.363%
73	12.692	1796	1803	1808	rBV	3224180	4012330	100.00%	7.502%
74	12.733	1808	1810	1814	rVB2	213778	240216	5.99%	0.449%
75	12.821	1819	1825	1828	rBV2	1382545	1437737	35.83%	2.688%
76	12.904	1835	1839	1843	rBV2	299934	441877	11.01%	0.826%
77	12.986	1851	1853	1854	rBV2	186927	160053	3.99%	0.299%
78	13.016	1855	1858	1861	rVB	479991	471682	11.76%	0.882%
79	13.080	1866	1869	1872	rBV	358301	304580	7.59%	0.569%
80	13.116	1872	1875	1878	rBV2	360055	399369	9.95%	0.747%
81	13.210	1888	1891	1894	rBV	299095	268729	6.70%	0.502%
82	13.239	1894	1896	1899	rVV	262117	253257	6.31%	0.474%
83	13.304	1905	1907	1909	rBV	158546	129210	3.22%	0.242%
84	13.527	1943	1945	1949	rVB	279270	233465	5.82%	0.437%
85	13.633	1961	1963	1965	rBV	276038	219649	5.47%	0.411%
86	13.657	1965	1967	1970	rVB	293506	240918	6.00%	0.450%
87	13.686	1970	1972	1975	rBV	223945	279867	6.98%	0.523%
88	13.880	2001	2005	2009	rBV2	1587430	2542209	63.36%	4.753%
89	13.916	2009	2011	2014	rVB	1510245	1172523	29.22%	2.192%
90	13.992	2022	2024	2026	rBV	287443	199977	4.98%	0.374%
91	14.274	2070	2072	2075	rVB	299855	234961	5.86%	0.439%
92	14.921	2178	2182	2184	rBV	831194	1145976	28.56%	2.143%
93	15.210	2228	2231	2236	rVB	504455	555286	13.84%	1.038%
94	15.274	2238	2242	2246	rVB	760722	936837	23.35%	1.752%

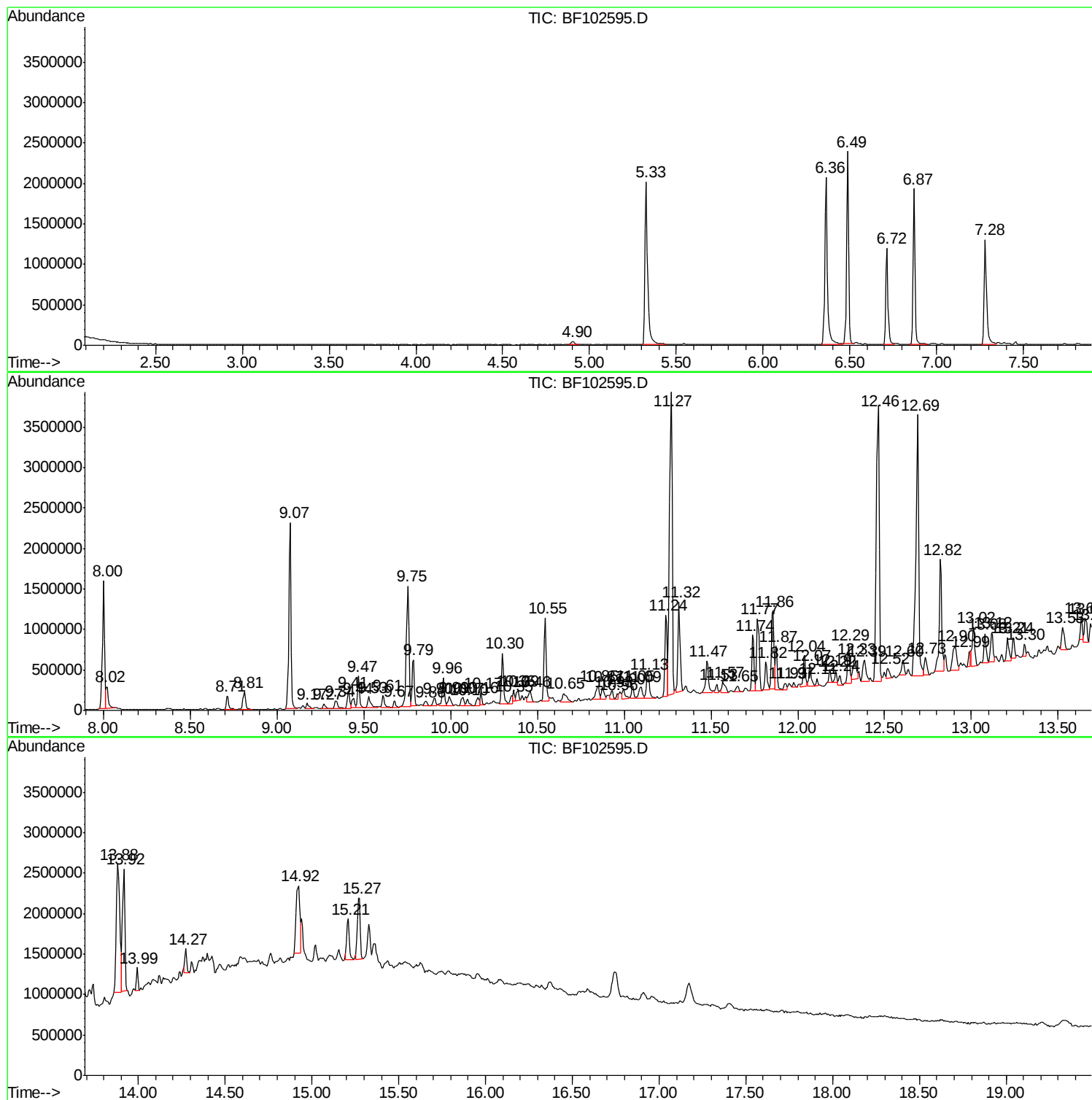
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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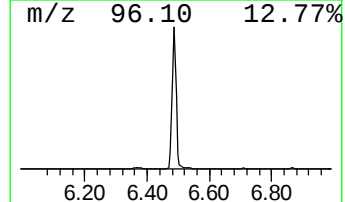
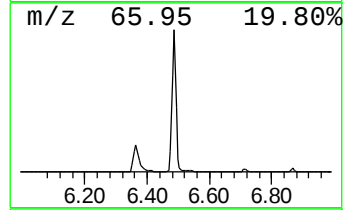
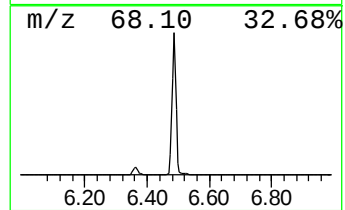
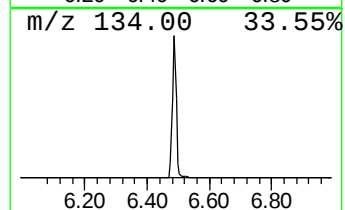
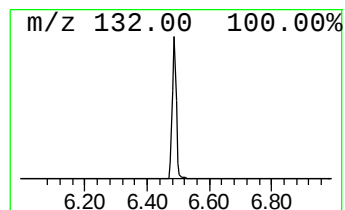
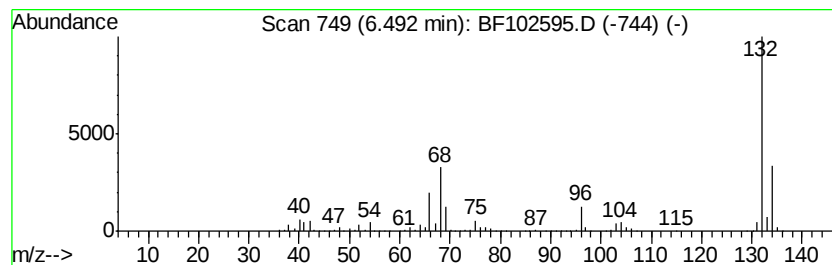
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	39.33 ng	2032300	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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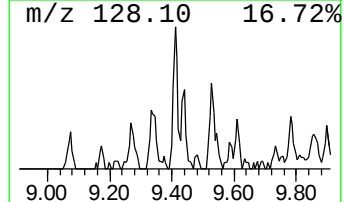
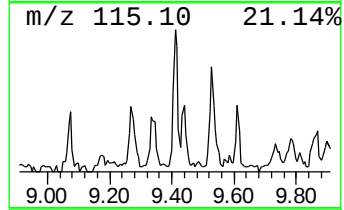
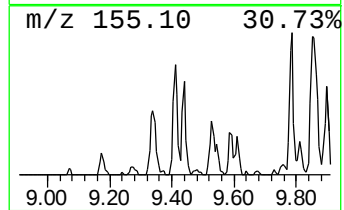
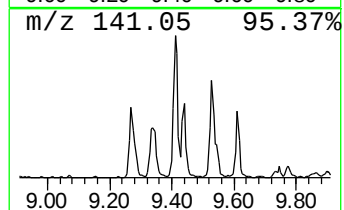
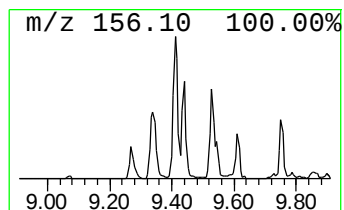
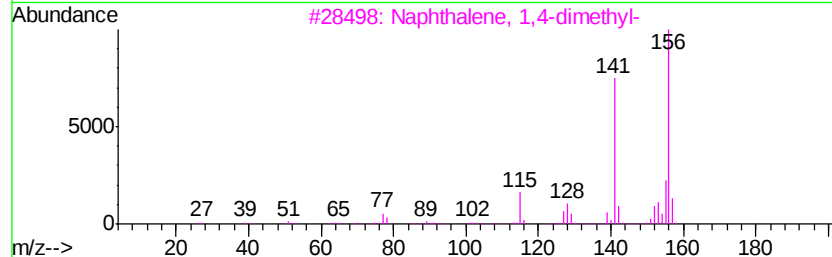
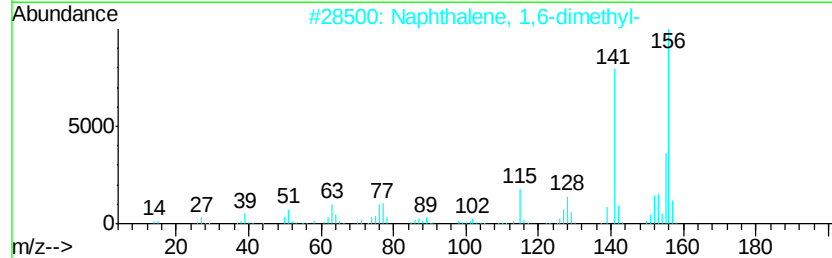
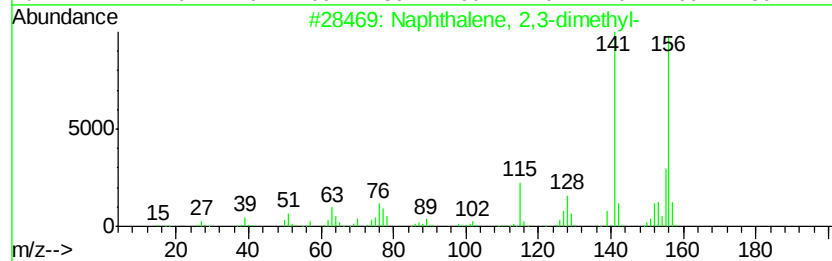
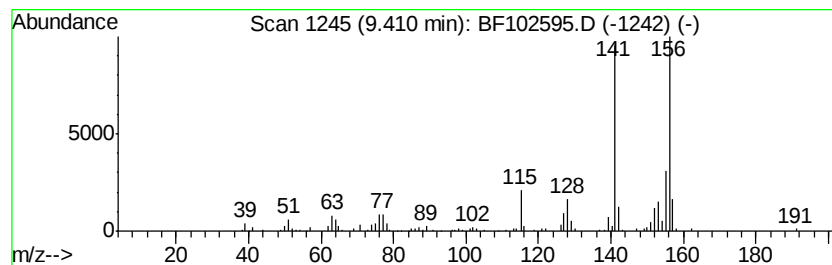
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.19 ng	220692	Acenaphthene-d10	9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



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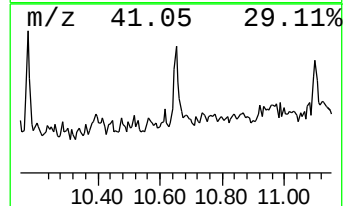
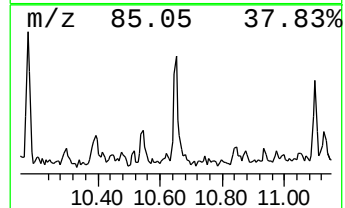
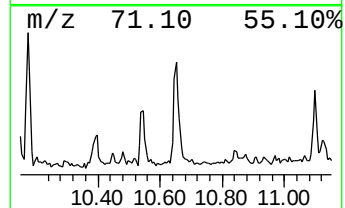
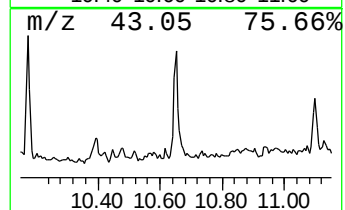
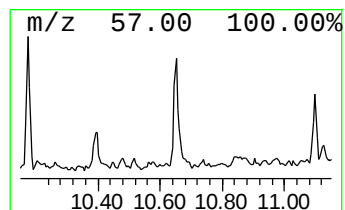
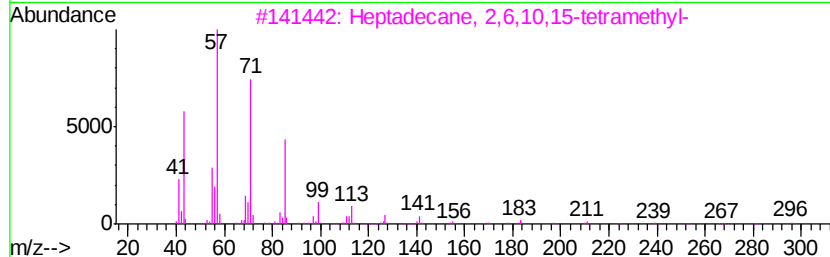
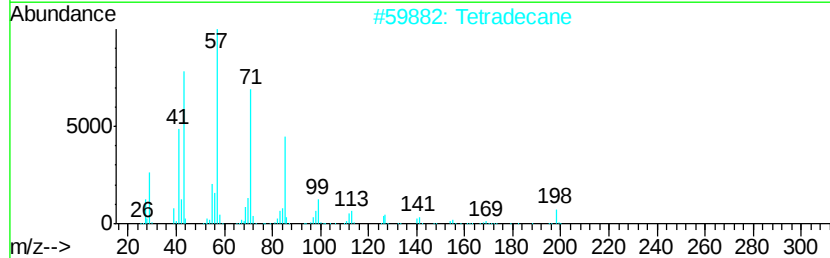
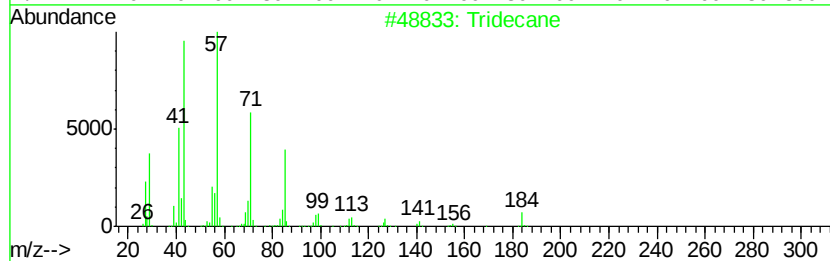
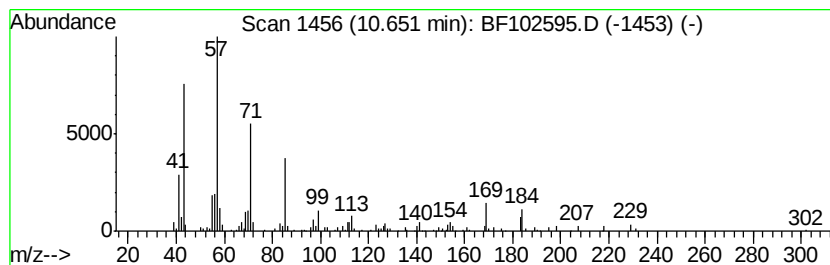
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.65	3.98 ng	201811	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tetradecane	198	C14H30	000629-59-4	81
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64



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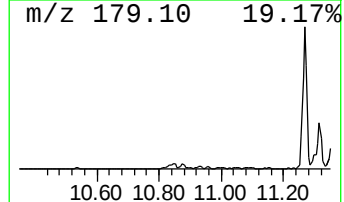
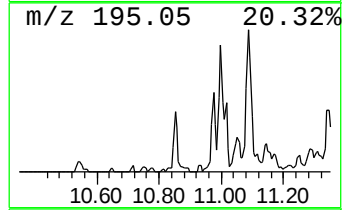
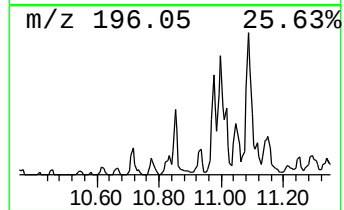
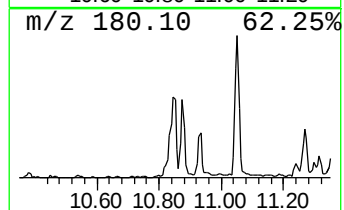
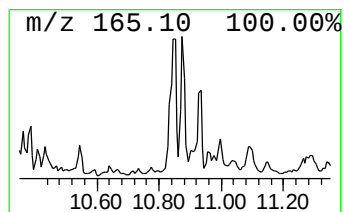
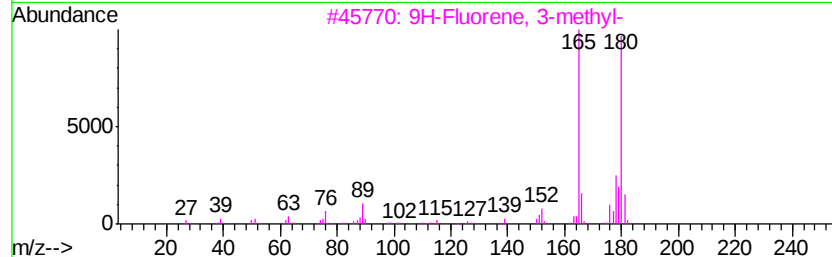
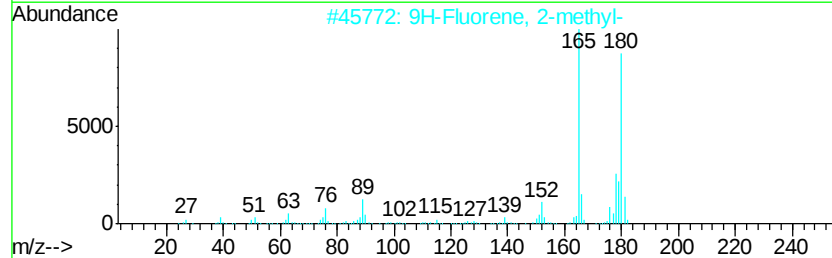
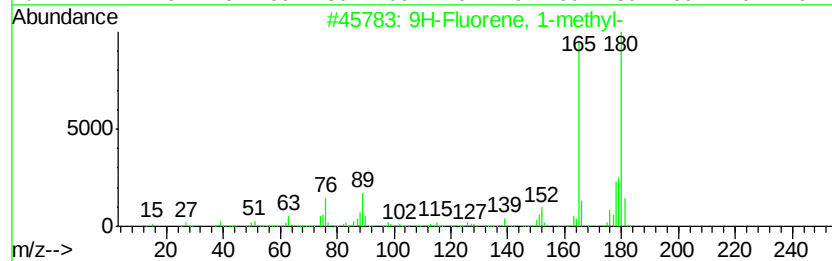
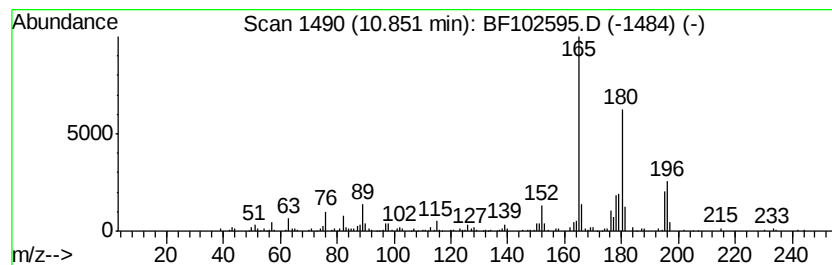
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ClientSampleId :
WC-08(5-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.85	4.81 ng	244095	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	91
2	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	89
3	9H-Fluorene, 3-methyl-		180	C14H12	002523-39-9	86
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...		208	C14H12N2	059341-20-7	72
5	9H-Fluorene, 9-methyl-		180	C14H12	002523-37-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102595.D
Acq On : 29 Jan 2018 14:09
Operator : SJ/JU
Sample : J1253-15 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

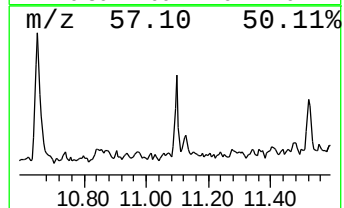
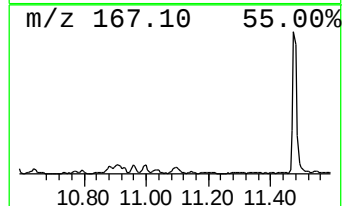
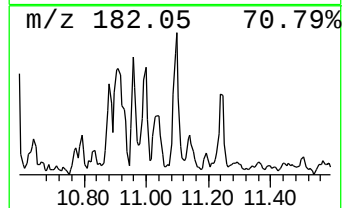
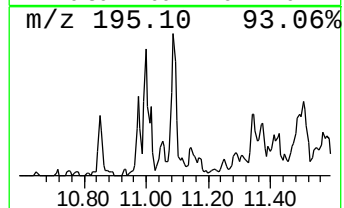
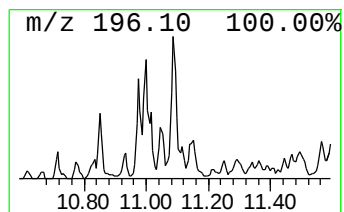
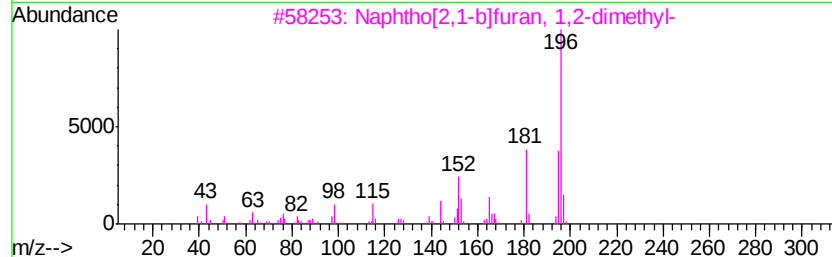
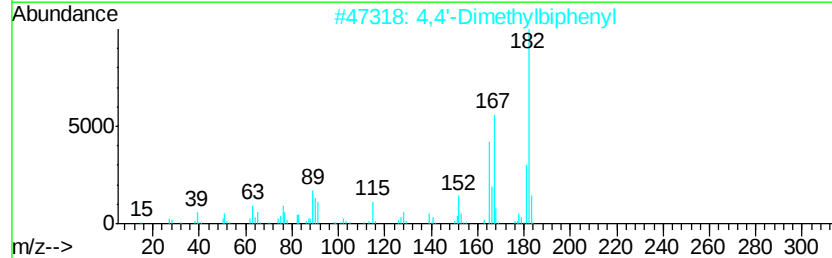
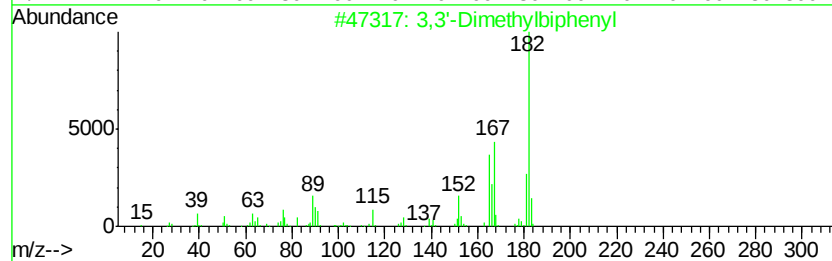
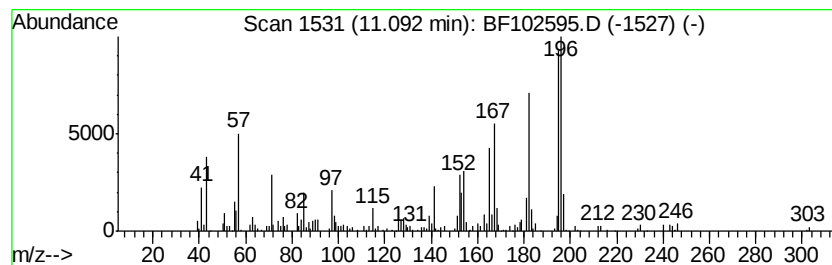
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3,3'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.09	4.50 ng	228343	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	56
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	47
3	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	42
4	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	38
5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102595.D
Acq On : 29 Jan 2018 14:09
Operator : SJ/JU
Sample : J1253-15 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-08(5-15)

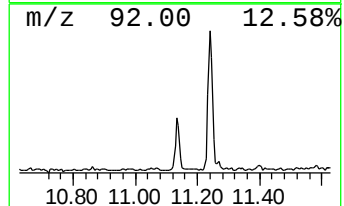
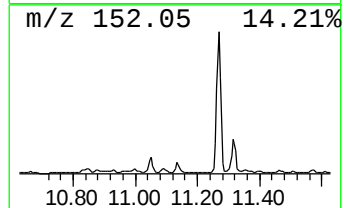
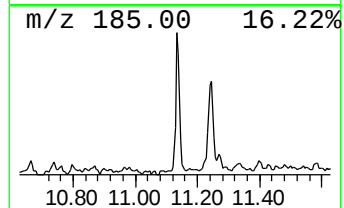
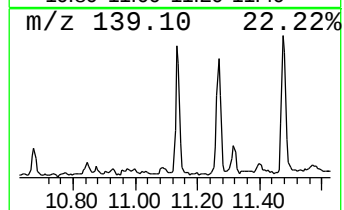
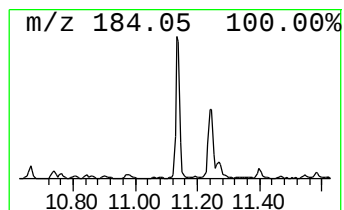
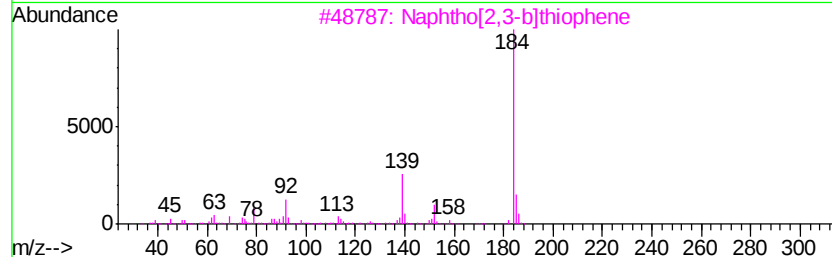
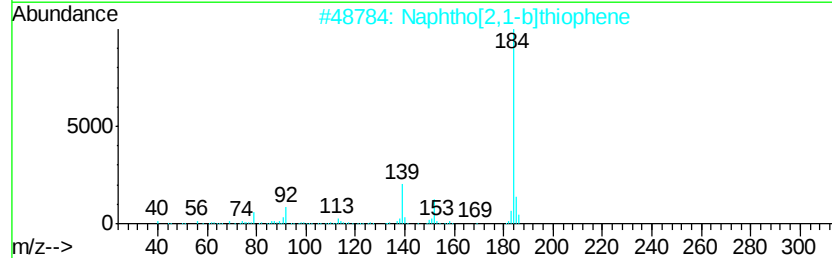
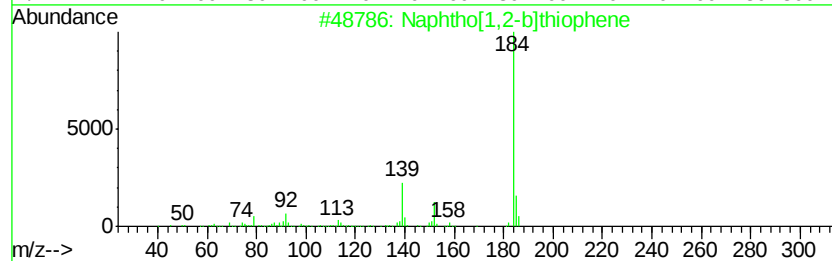
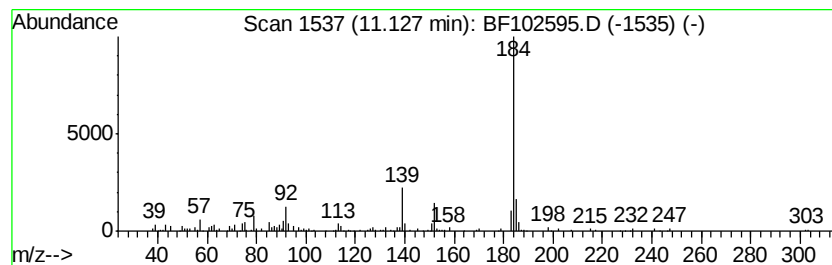
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	6.27 ng	318142	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
4		Dibenzothiophene	184	C12H8S	000132-65-0	95
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102595.D
Acq On : 29 Jan 2018 14:09
Operator : SJ/JU
Sample : J1253-15 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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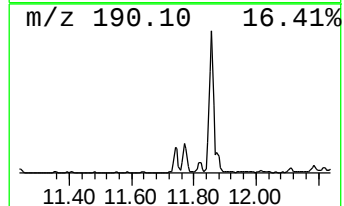
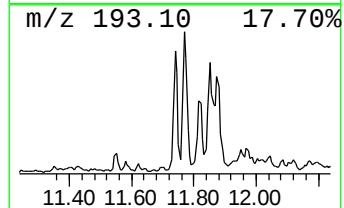
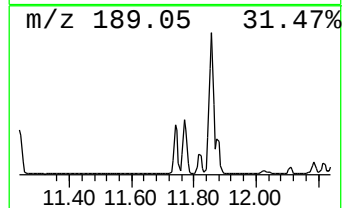
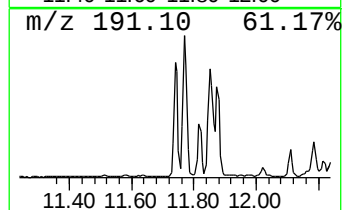
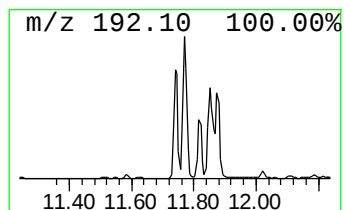
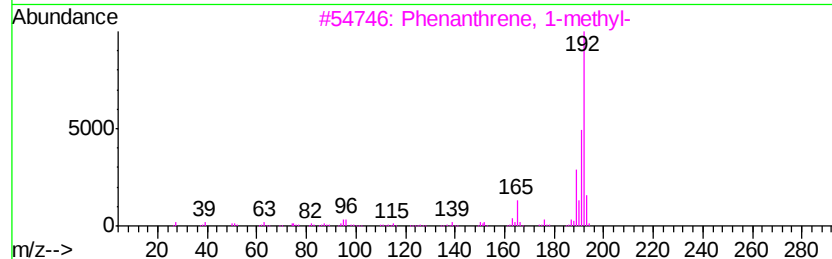
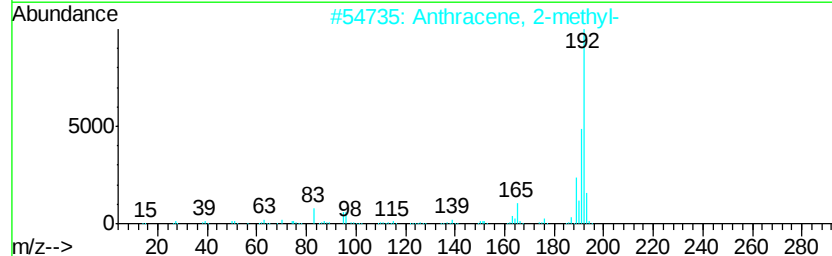
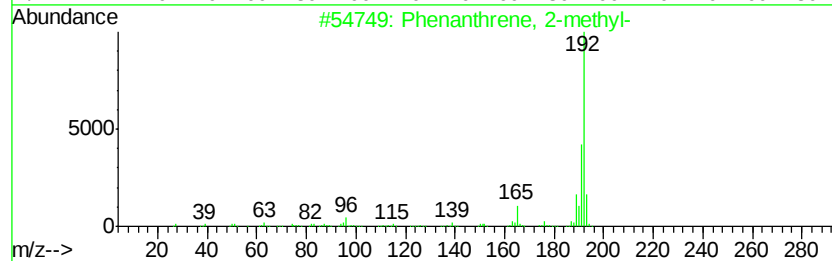
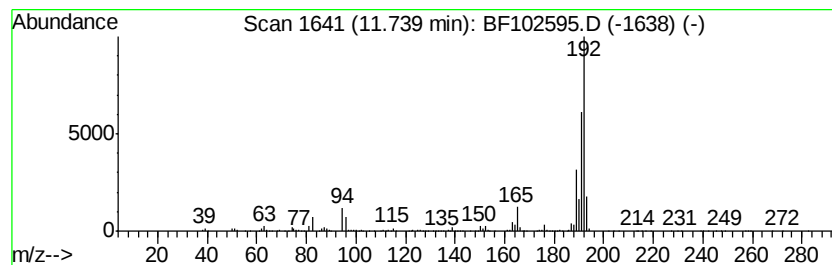
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	12.48 ng	633069	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102595.D
Acq On : 29 Jan 2018 14:09
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Sample : J1253-15 2X
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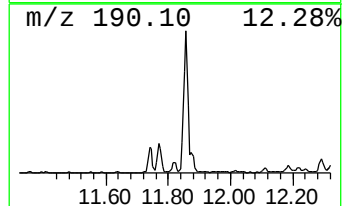
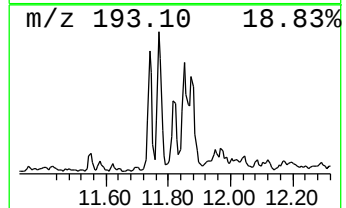
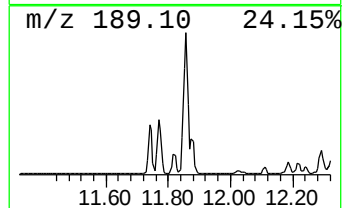
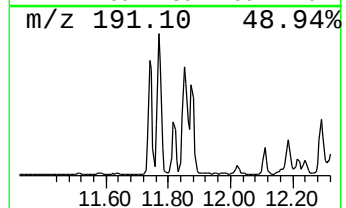
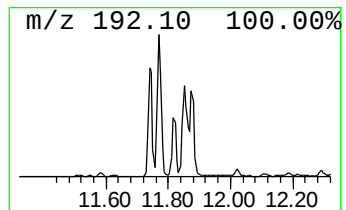
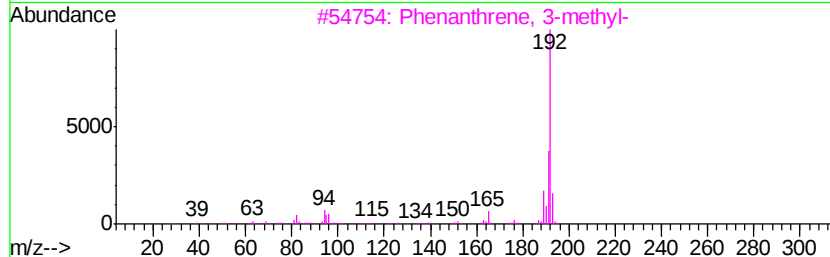
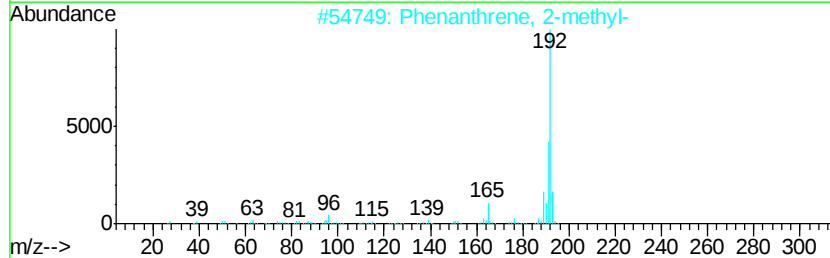
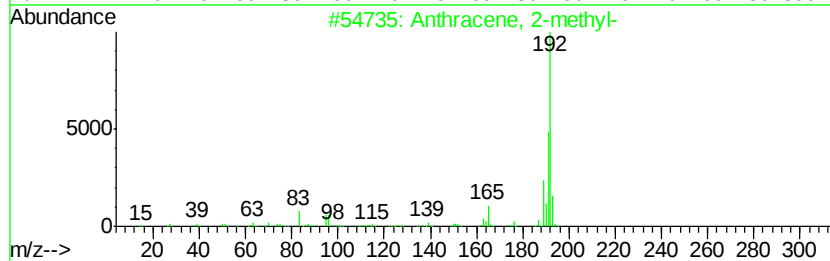
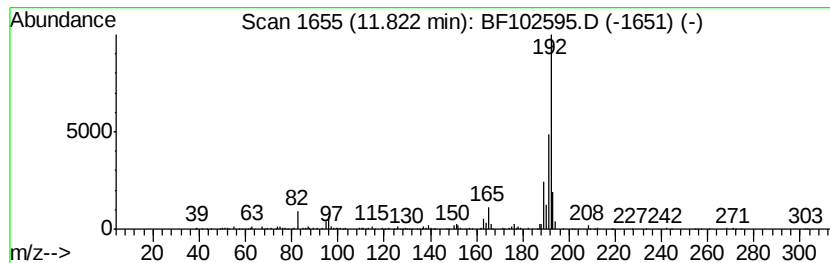
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ClientSampleId :
WC-08(5-15)

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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 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	6.31 ng	320409	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102595.D
Acq On : 29 Jan 2018 14:09
Operator : SJ/JU
Sample : J1253-15 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-08(5-15)

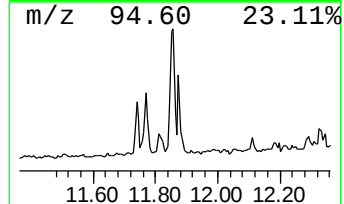
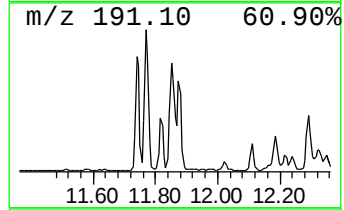
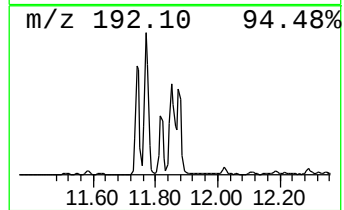
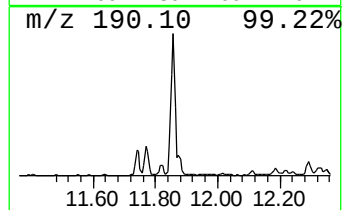
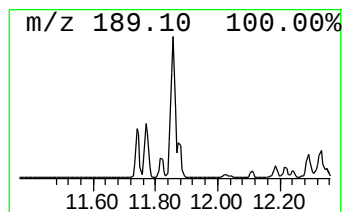
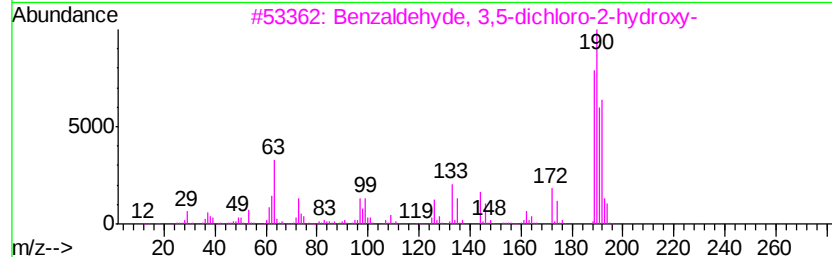
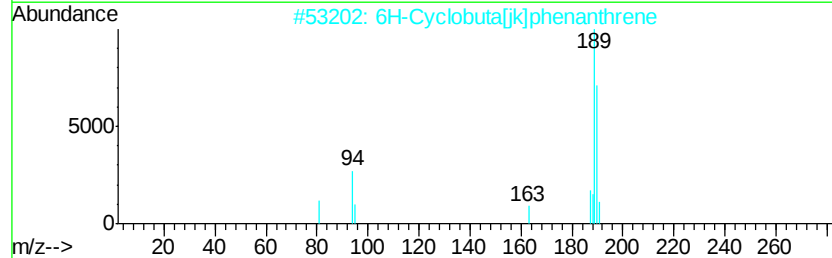
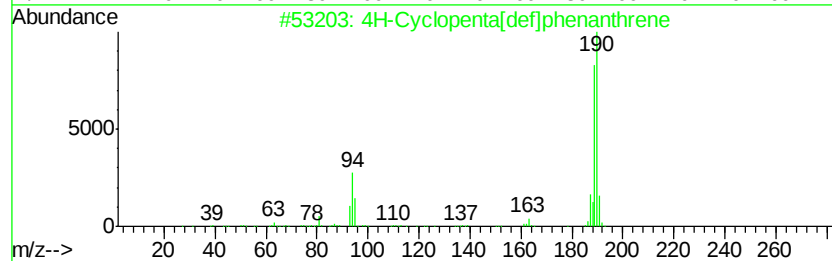
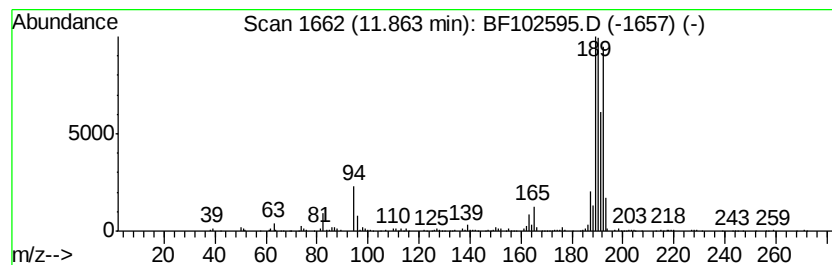
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	21.76 ng	1104250	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102595.D
Acq On : 29 Jan 2018 14:09
Operator : SJ/JU
Sample : J1253-15 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-08(5-15)

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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 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.96 ng	403900	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	76
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4			Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	74
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74

