

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101838.D
 Acq On : 29 Dec 2017 19:20
 Operator : SJ/JU
 Sample : I7034-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-09(6-8)

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-BF121417.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	4.993	492	494	506	rBV	19373	44186	2.26%	0.200%
2	5.422	564	567	597	rBV	170647	484293	24.78%	2.189%
3	6.451	739	742	759	rBV	211737	542273	27.75%	2.451%
4	6.569	759	762	777	rVB	383250	583538	29.86%	2.638%
5	6.787	795	799	814	rBV	645978	754271	38.59%	3.410%
6	6.940	822	825	839	rBV	387381	432716	22.14%	1.956%
7	7.363	895	897	913	rBV	139552	280300	14.34%	1.267%
8	7.804	967	972	975	rBV4	16755	22597	1.16%	0.102%
9	8.034	1008	1011	1013	rBV	28042	23547	1.20%	0.106%
10	8.069	1013	1017	1019	rVV	877796	814484	41.67%	3.682%
11	8.087	1019	1020	1028	rVB	226531	263493	13.48%	1.191%
12	8.469	1083	1085	1088	rBV	41646	29504	1.51%	0.133%
13	8.639	1112	1114	1118	rBV	35241	28789	1.47%	0.130%
14	8.734	1127	1130	1135	rVB5	16464	25834	1.32%	0.117%
15	8.787	1136	1139	1144	rBV	102156	117032	5.99%	0.529%
16	8.886	1152	1156	1161	rBV	77648	90966	4.65%	0.411%
17	9.069	1185	1187	1193	rVB	46843	36864	1.89%	0.167%
18	9.139	1196	1199	1206	rVV	648147	568676	29.10%	2.571%
19	9.204	1207	1210	1213	rVB	76517	69728	3.57%	0.315%
20	9.251	1215	1218	1222	rBV	32922	38348	1.96%	0.173%
21	9.410	1240	1245	1249	rBV2	64537	96729	4.95%	0.437%
22	9.481	1255	1257	1260	rVB	61383	58260	2.98%	0.263%
23	9.516	1260	1263	1266	rBV3	97414	137427	7.03%	0.621%
24	9.604	1275	1278	1285	rVB2	41248	68787	3.52%	0.311%
25	9.686	1285	1292	1295	rBV2	87212	121953	6.24%	0.551%
26	9.733	1298	1300	1303	rVB	85269	60153	3.08%	0.272%
27	9.822	1308	1315	1319	rVV	932302	849878	43.49%	3.842%
28	9.857	1319	1321	1328	rVB	94365	103757	5.31%	0.469%
29	9.928	1328	1333	1336	rBV4	28350	42038	2.15%	0.190%
30	9.969	1337	1340	1343	rVV4	18679	25802	1.32%	0.117%
31	10.033	1346	1351	1353	rBV2	73041	99034	5.07%	0.448%
32	10.063	1353	1356	1359	rVB2	41018	53392	2.73%	0.241%
33	10.139	1365	1369	1372	rBV	44055	52825	2.70%	0.239%
34	10.175	1372	1375	1378	rVV2	35053	39604	2.03%	0.179%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.233	1380	1385	1392	rVV3	113517	142162	7.27%	0.643%
36	10.375	1405	1409	1415	rVB2	120462	142061	7.27%	0.642%
37	10.451	1415	1422	1425	rBV3	75303	110206	5.64%	0.498%
38	10.533	1434	1436	1439	rVB	43336	34876	1.78%	0.158%
39	10.628	1446	1452	1457	rBV2	173990	246363	12.61%	1.114%
40	10.716	1463	1467	1475	rVB	164038	253679	12.98%	1.147%
41	10.810	1479	1483	1485	rBV3	22532	25626	1.31%	0.116%
42	10.922	1496	1502	1505	rBV4	47550	74618	3.82%	0.337%
43	10.957	1505	1508	1511	rVV3	27299	29705	1.52%	0.134%
44	11.157	1539	1542	1544	rBV2	89596	96238	4.92%	0.435%
45	11.180	1544	1546	1550	rVV	77469	86797	4.44%	0.392%
46	11.216	1550	1552	1560	rVB	63024	64837	3.32%	0.293%
47	11.316	1566	1569	1571	rBV	865917	723124	37.00%	3.269%
48	11.339	1571	1573	1580	rVB	687712	624947	31.98%	2.825%
49	11.398	1580	1583	1586	rBV	186501	169240	8.66%	0.765%
50	11.580	1609	1614	1617	rVB2	98686	111434	5.70%	0.504%
51	11.816	1651	1654	1657	rBV	162026	163035	8.34%	0.737%
52	11.851	1657	1660	1663	rVV	341637	326399	16.70%	1.475%
53	11.898	1665	1668	1671	rVV	95094	89142	4.56%	0.403%
54	11.933	1671	1674	1675	rVV2	200618	216336	11.07%	0.978%
55	11.951	1675	1677	1681	rVV	554927	541140	27.69%	2.446%
56	11.986	1681	1683	1686	rVB	93673	77861	3.98%	0.352%
57	12.080	1696	1699	1702	rBV2	78901	70473	3.61%	0.319%
58	12.110	1702	1704	1709	rBV2	67212	79926	4.09%	0.361%
59	12.263	1727	1730	1733	rVB	265804	242597	12.41%	1.097%
60	12.292	1733	1735	1737	rBV	67886	47440	2.43%	0.214%
61	12.322	1737	1740	1744	rVB2	78252	80044	4.10%	0.362%
62	12.369	1745	1748	1751	rBV2	213438	257773	13.19%	1.165%
63	12.427	1755	1758	1761	rVB	499931	396348	20.28%	1.792%
64	12.457	1761	1763	1765	rBV	60950	59873	3.06%	0.271%
65	12.492	1765	1769	1772	rVB	546157	524832	26.85%	2.372%
66	12.539	1773	1777	1780	rBV	608753	618276	31.64%	2.795%
67	12.616	1788	1790	1792	rBV	57205	40291	2.06%	0.182%
68	12.645	1792	1795	1798	rVB2	74114	83452	4.27%	0.377%
69	12.686	1800	1802	1804	rVV2	92865	87394	4.47%	0.395%
70	12.710	1804	1806	1808	rVB2	90571	67823	3.47%	0.307%
71	12.751	1810	1813	1814	rVV	201905	217186	11.11%	0.982%

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72	12.769	1814	1816	1821	rVV	673643	602554	30.83%	2.724%
73	12.816	1821	1824	1828	rVV	756080	641353	32.82%	2.899%
74	12.898	1835	1838	1841	rBV	460336	452946	23.18%	2.047%
75	13.039	1858	1862	1865	rBV	1950512	1954399	100.00%	8.834%
76	13.098	1870	1872	1876	rVB2	219642	243261	12.45%	1.100%
77	13.180	1881	1886	1888	rBV2	232157	304302	15.57%	1.376%
78	13.298	1903	1906	1909	rBV	154480	205032	10.49%	0.927%
79	13.327	1909	1911	1913	rVV	164790	143009	7.32%	0.646%
80	13.363	1914	1917	1920	rVB3	131033	144371	7.39%	0.653%
81	13.398	1920	1923	1926	rVB2	107216	108870	5.57%	0.492%
82	13.445	1929	1931	1937	rBV3	110036	129798	6.64%	0.587%
83	13.774	1985	1987	1993	rVB4	171147	206129	10.55%	0.932%
84	13.969	2016	2020	2023	rBV2	705562	998242	51.08%	4.512%
85	13.998	2023	2025	2031	rVB	449232	451993	23.13%	2.043%
86	14.398	2091	2093	2096	rVB	208557	153425	7.85%	0.694%
87	15.027	2197	2200	2203	rBV	269012	311726	15.95%	1.409%
88	15.392	2260	2262	2268	rVB	345266	420363	21.51%	1.900%
89	15.451	2269	2272	2277	rVB	301395	366008	18.73%	1.654%

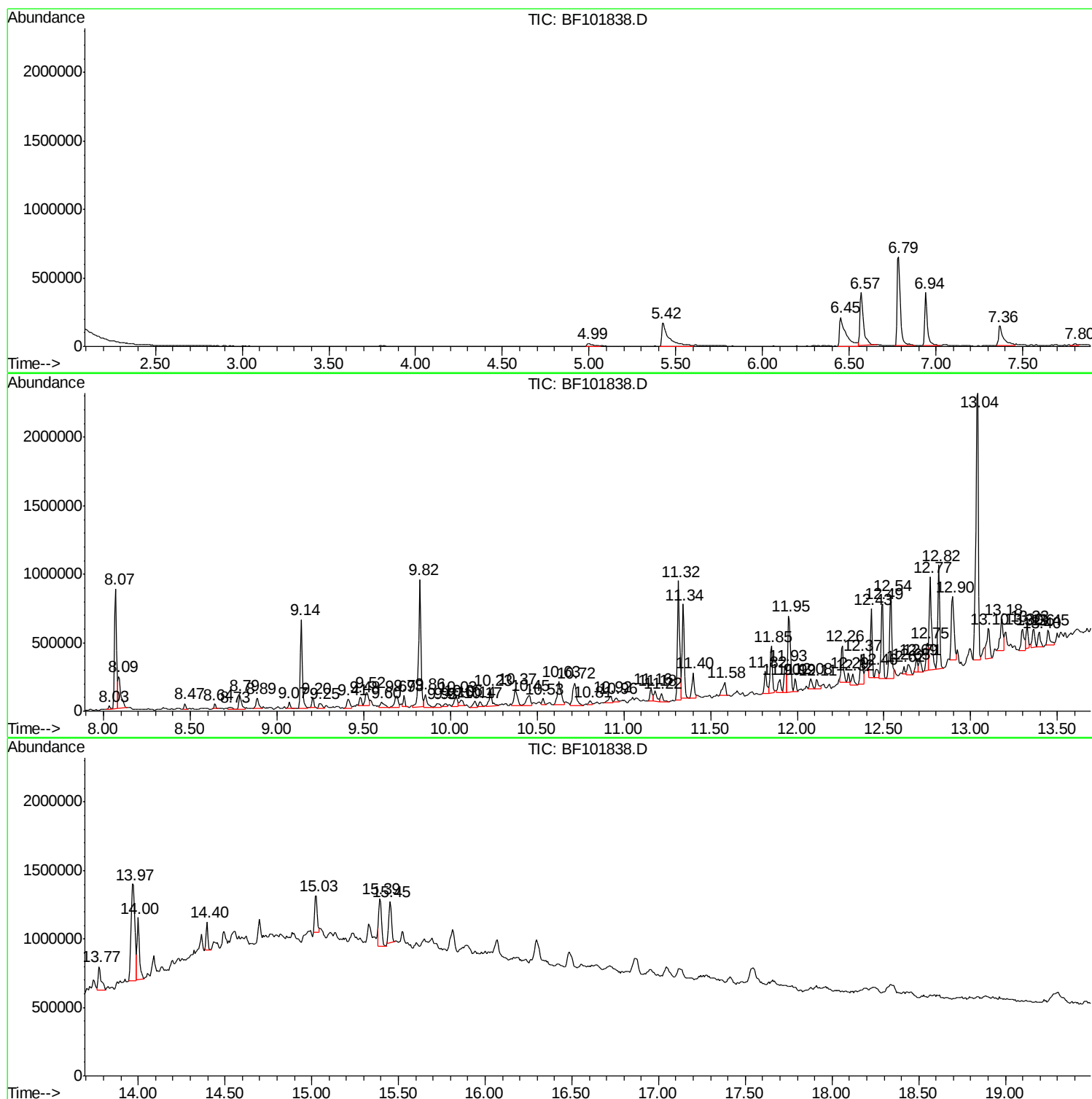
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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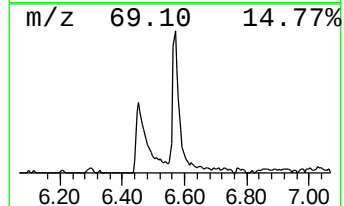
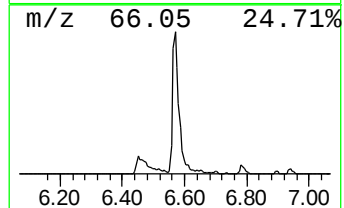
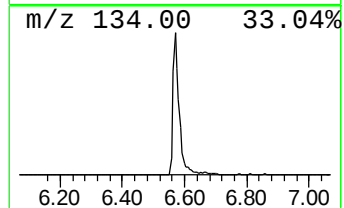
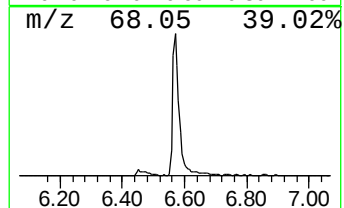
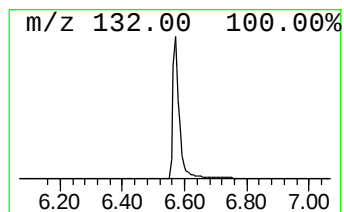
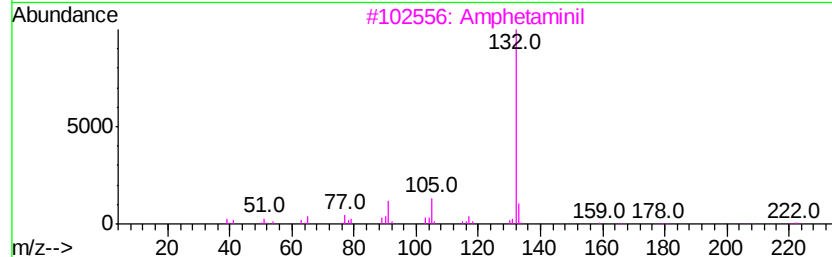
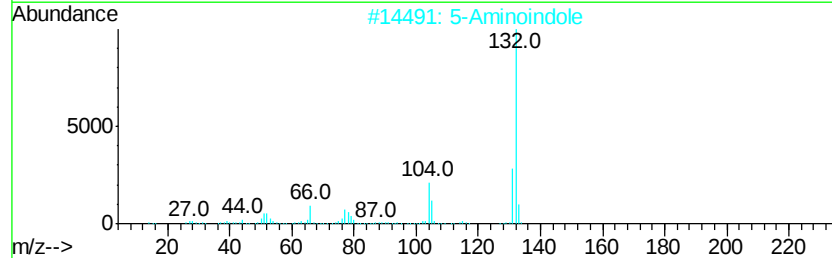
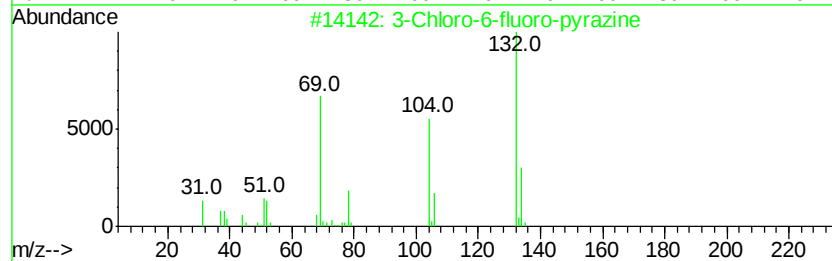
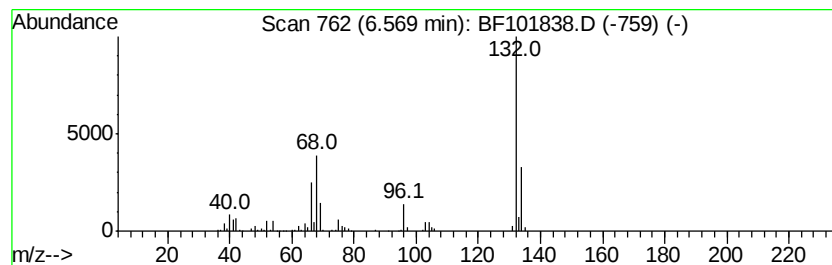
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	15.47 ng	583538	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Amphetaminil	250	C17H18N2	017590-01-1	10
4			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10



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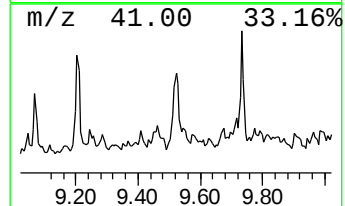
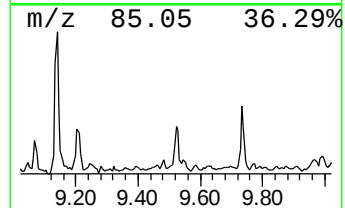
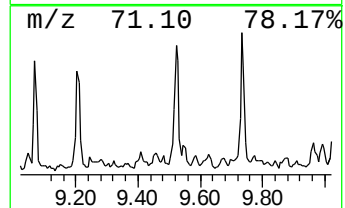
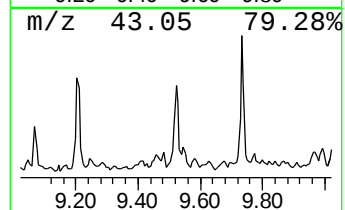
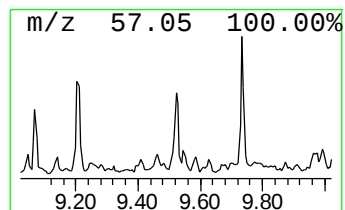
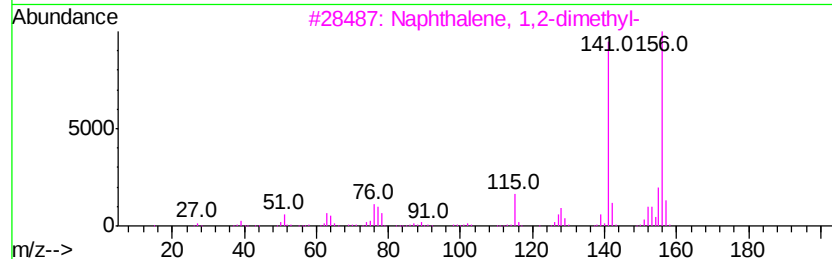
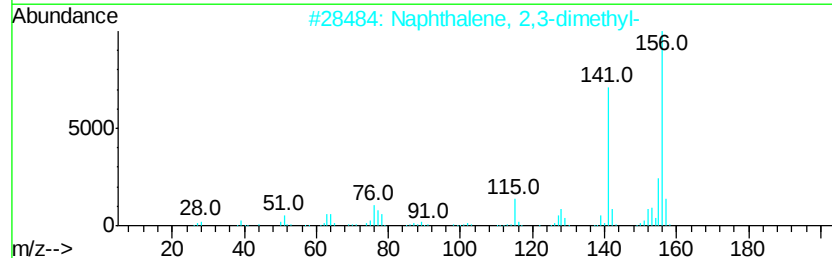
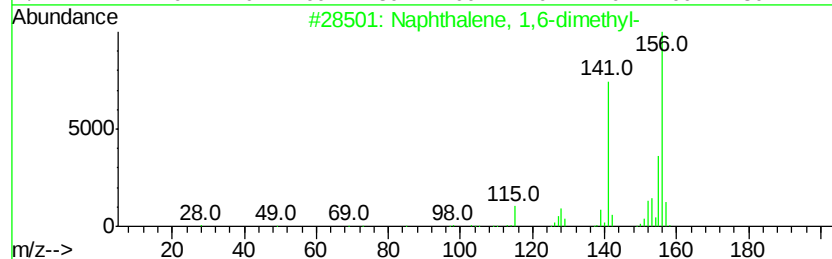
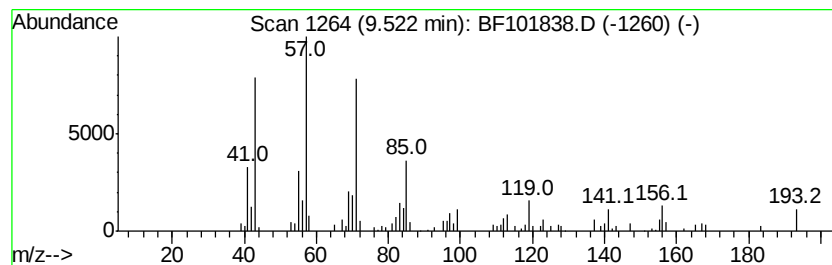
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.23 ng	137427	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	83
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64



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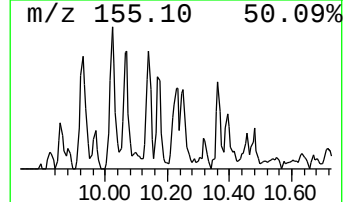
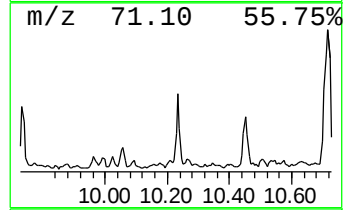
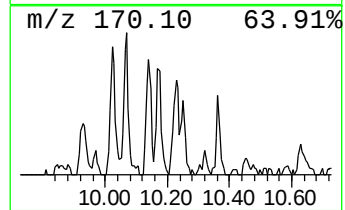
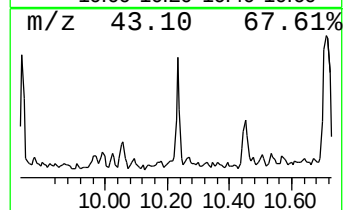
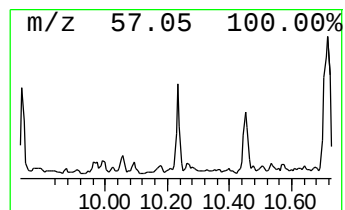
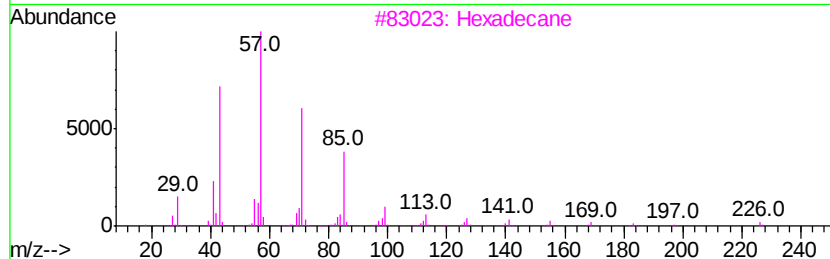
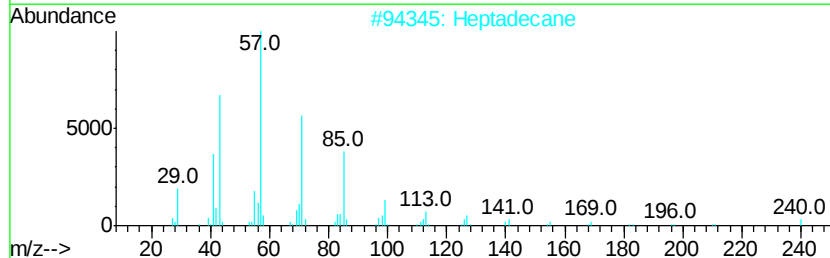
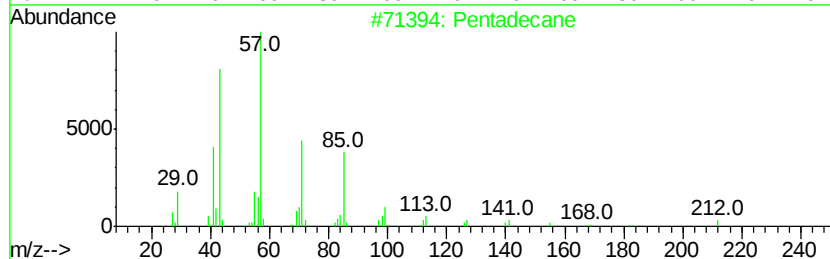
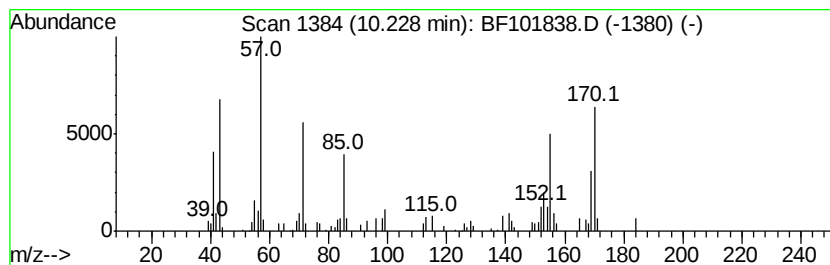
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	3.35 ng	142162	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	53
2	Heptadecane	240 C17H36	000629-78-7	52
3	Hexadecane	226 C16H34	000544-76-3	52
4	Eicosane	282 C20H42	000112-95-8	52
5	Tridecane	184 C13H28	000629-50-5	49



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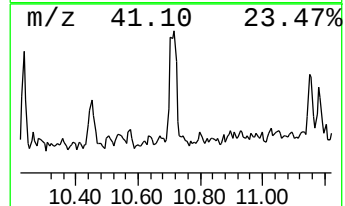
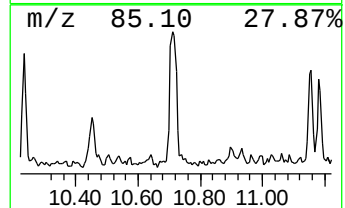
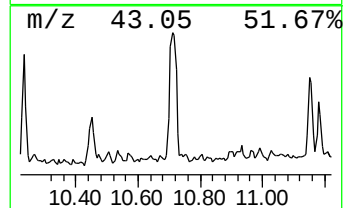
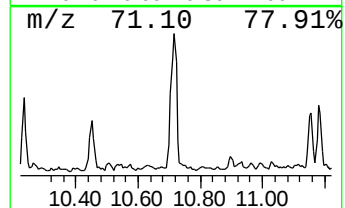
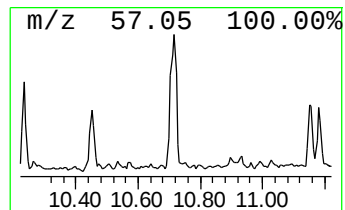
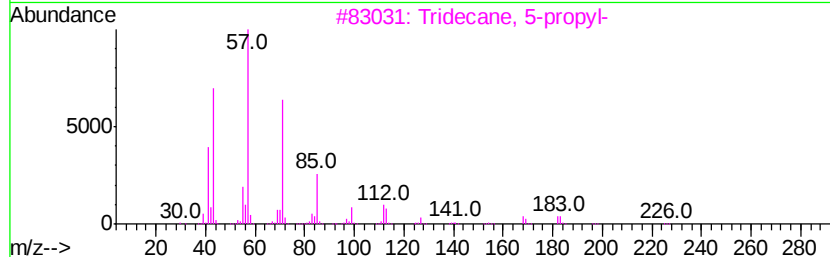
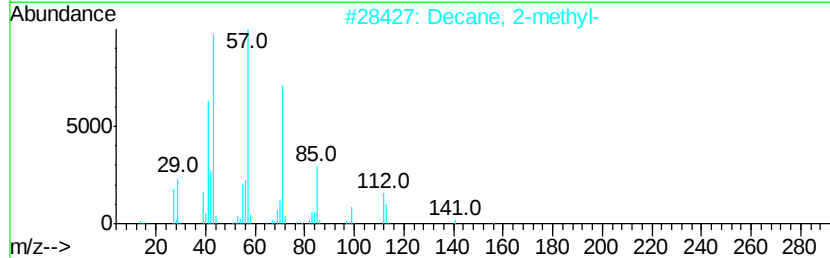
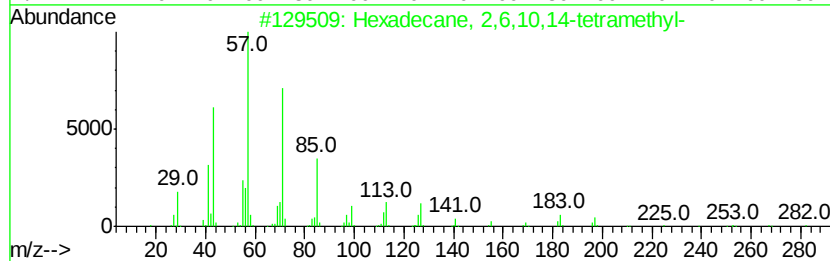
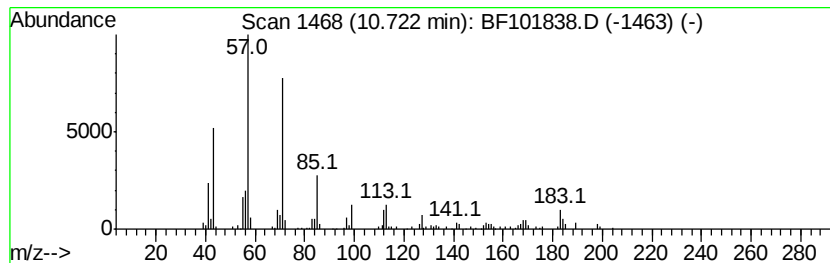
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	7.02 ng	253679	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Decane, 2-methyl-	156	C11H24	006975-98-0	87
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4		Tridecane	184	C13H28	000629-50-5	72
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

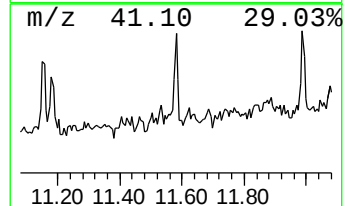
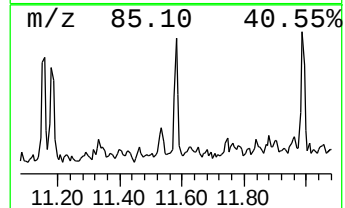
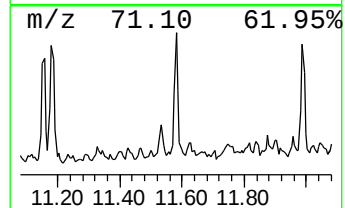
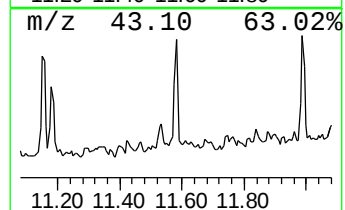
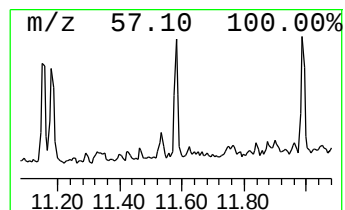
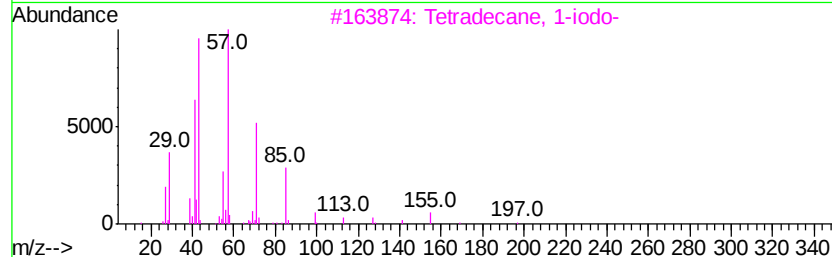
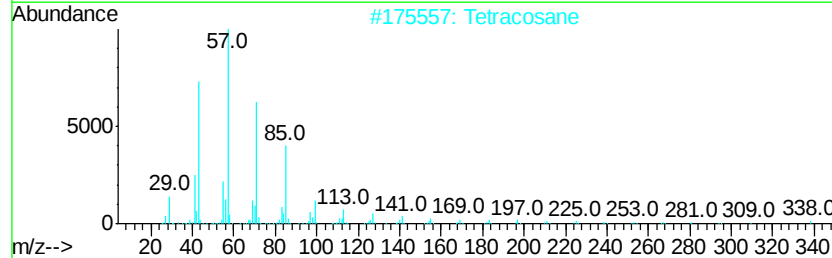
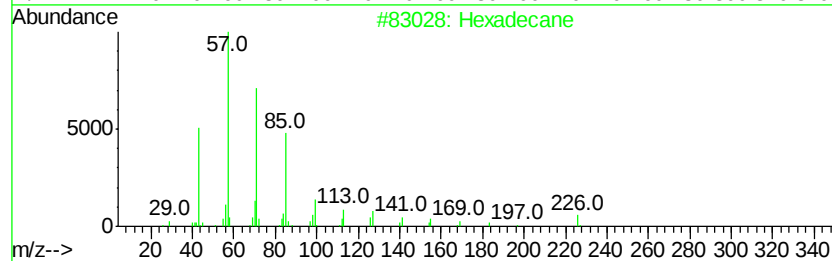
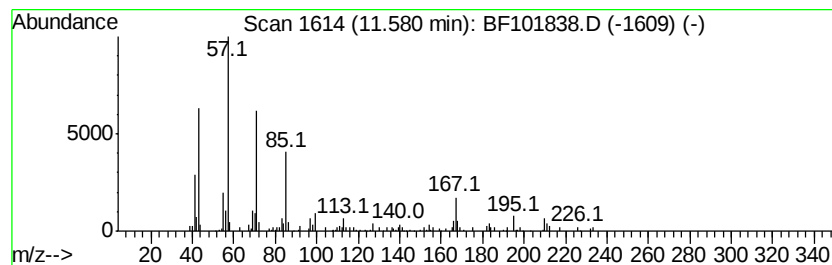
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.58	3.08 ng	111434	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Tetracosane	338	C24H50	000646-31-1	68
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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Instrument :
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ClientSampleId :
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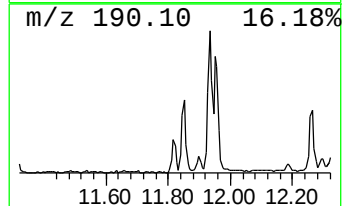
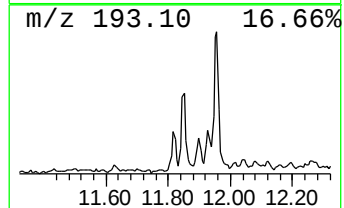
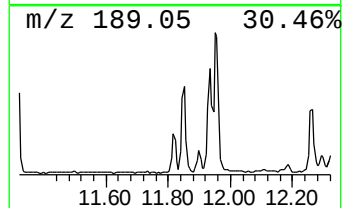
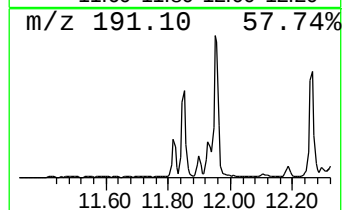
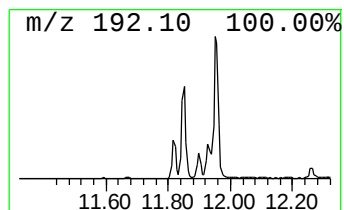
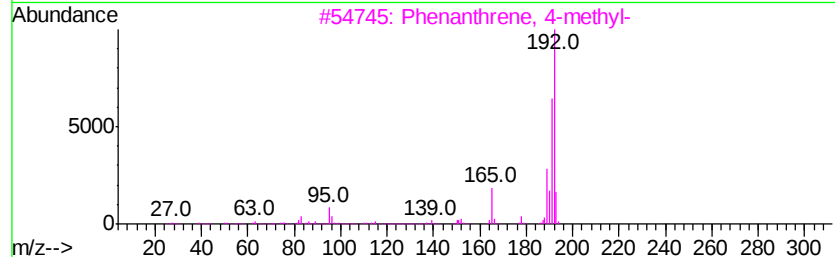
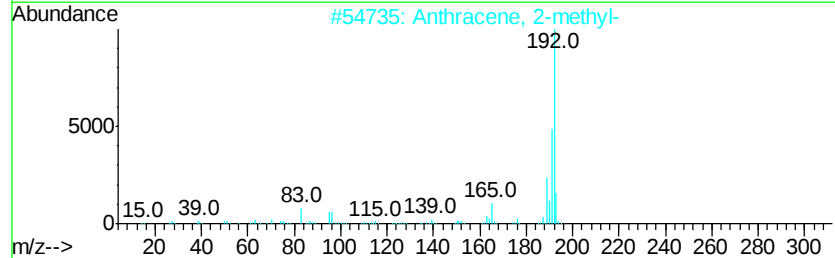
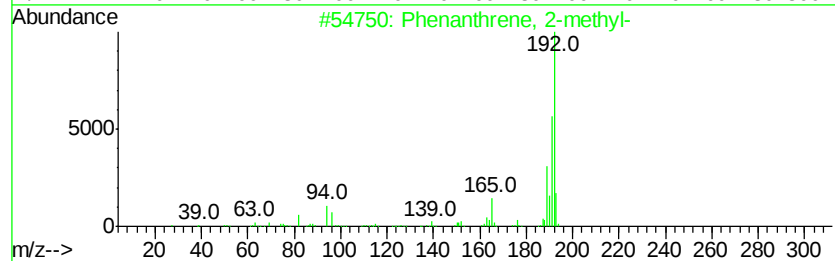
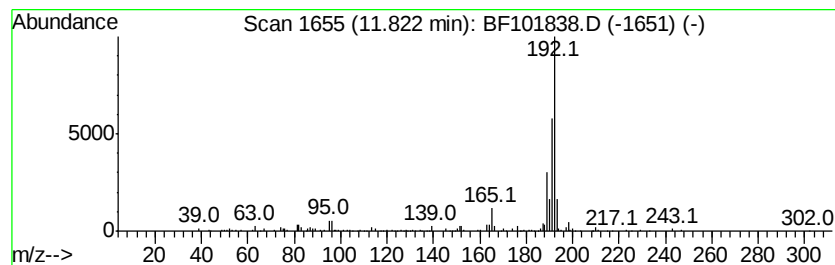
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.51 ng	163035	Phenanthrene-d10	11.32

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, 4-methyl-	192	C15H12	000832-64-4	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TB-09(6-8)

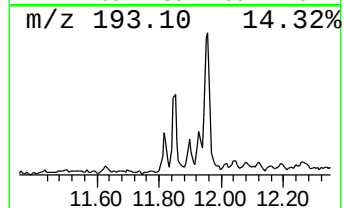
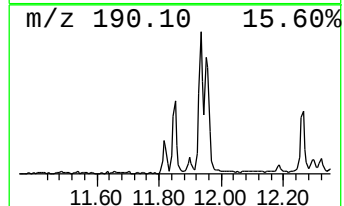
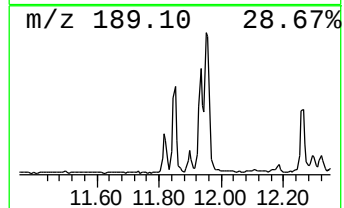
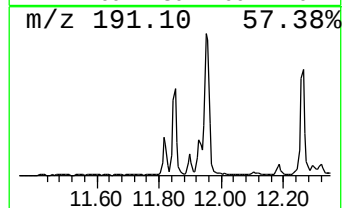
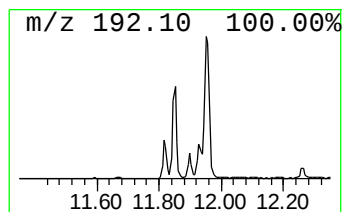
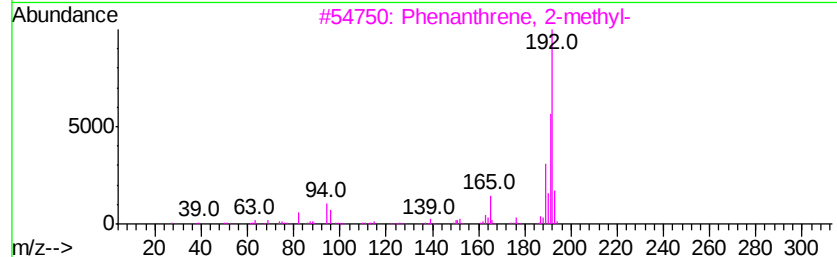
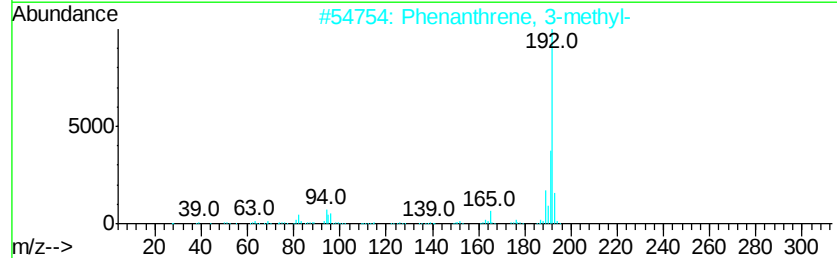
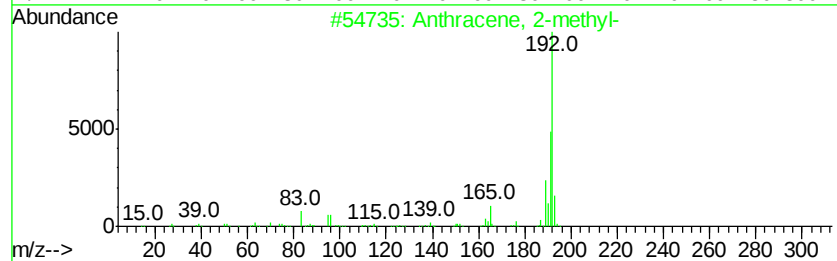
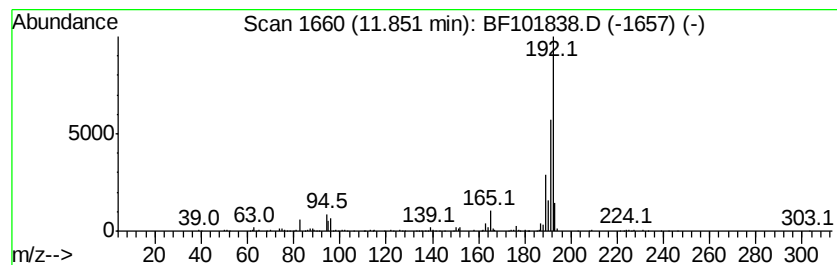
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	9.03 ng	326399	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
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Instrument :
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ClientSampleId :
TB-09(6-8)

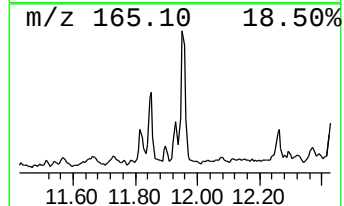
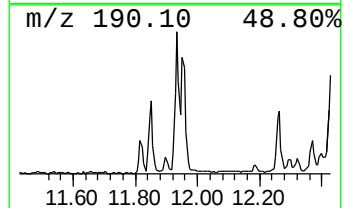
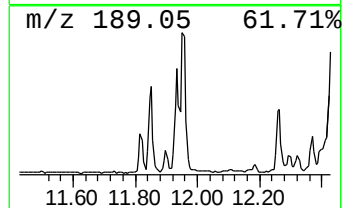
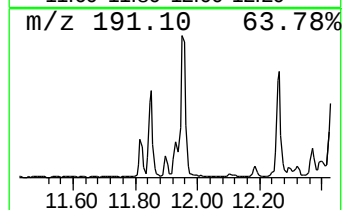
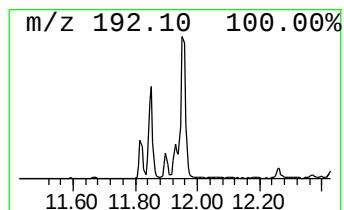
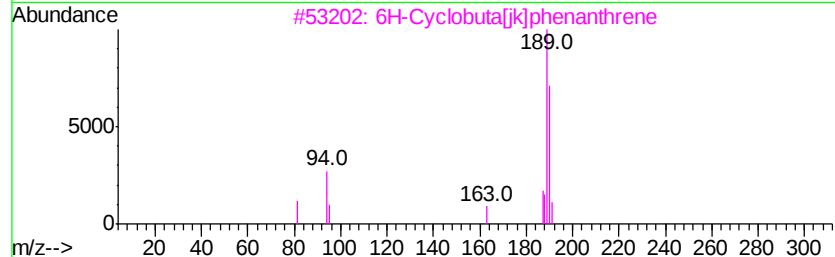
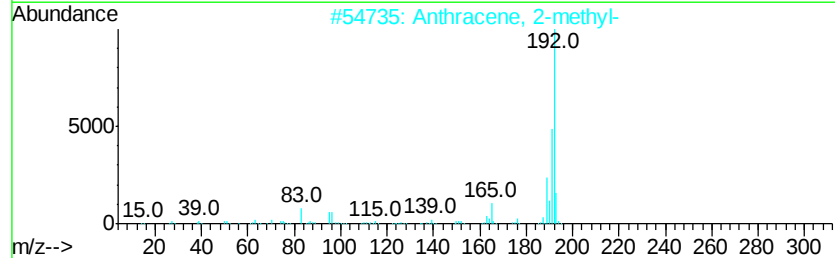
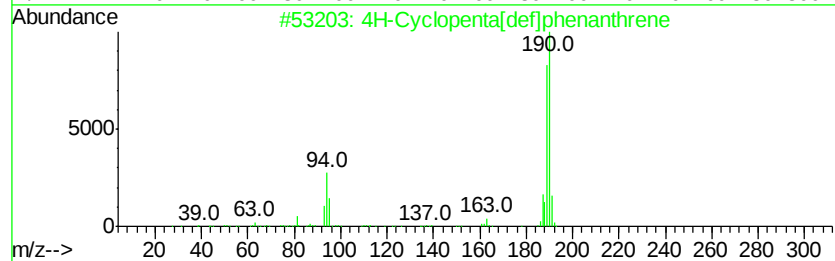
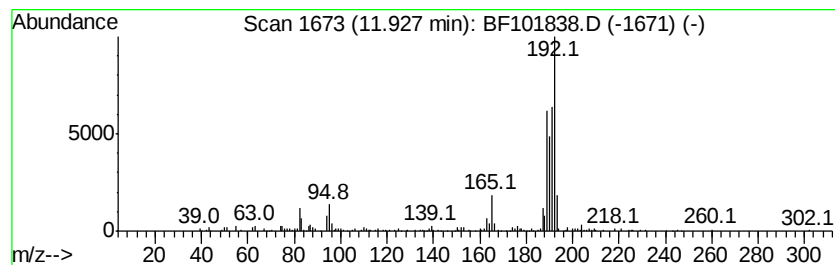
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.98 ng	216336	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TB-09(6-8)

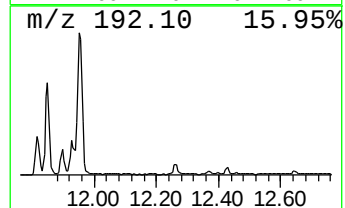
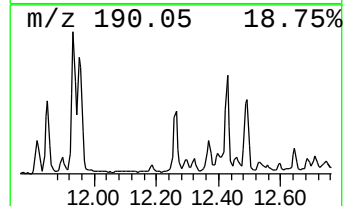
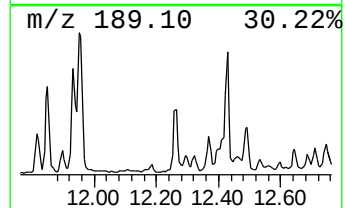
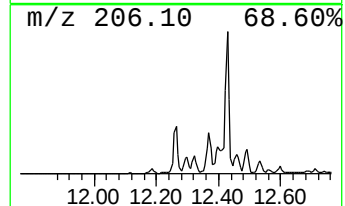
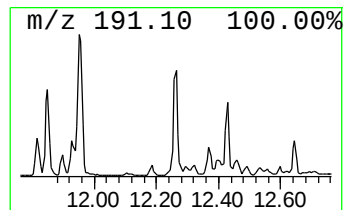
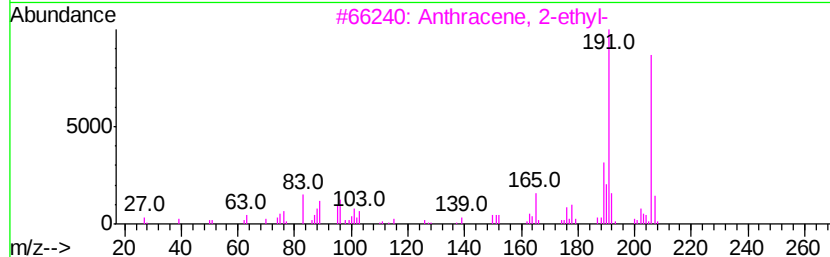
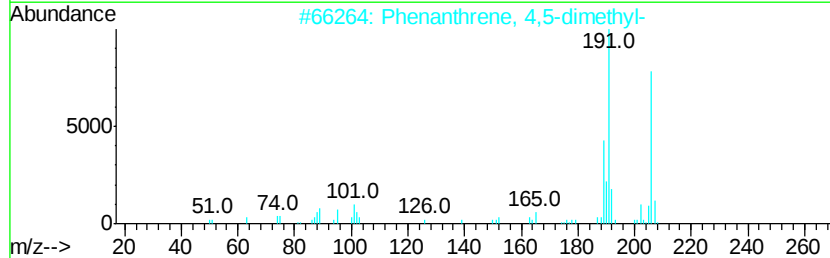
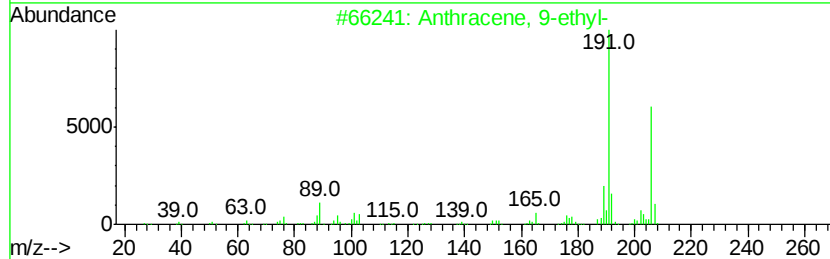
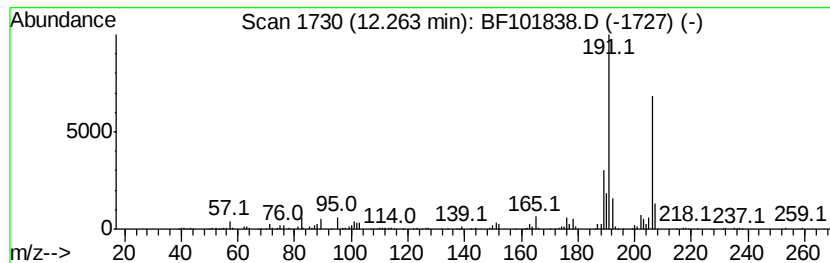
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 9-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	6.71 ng	242597	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethyl-	206	C16H14	000605-83-4	95
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	83
4		Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	83
5		9H-Purine, 6-methyl-9-(trimethyl...	206	C9H14N4Si	032865-79-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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ALS Vial : 24 Sample Multiplier: 1

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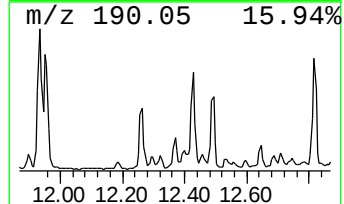
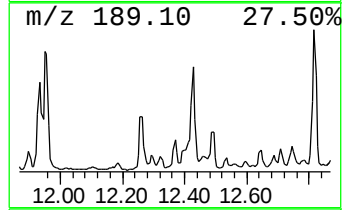
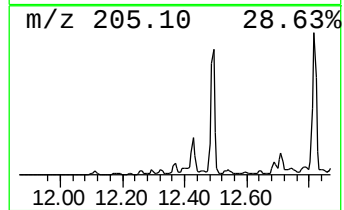
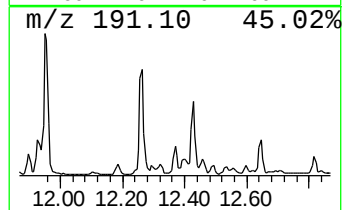
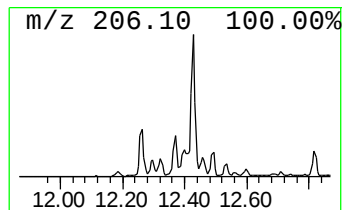
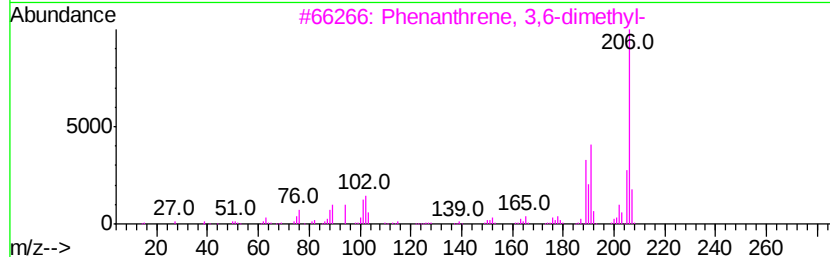
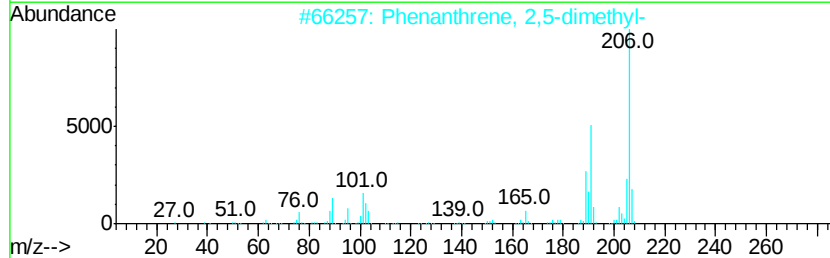
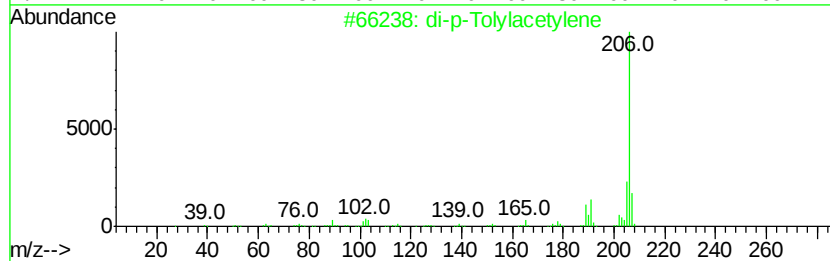
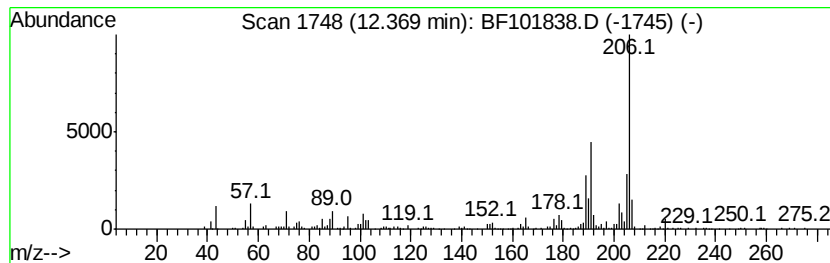
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.13 ng	257773	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-09(6-8)

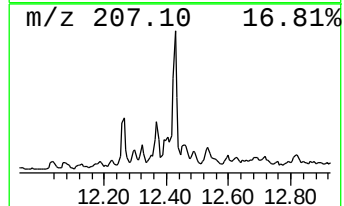
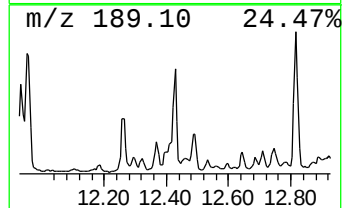
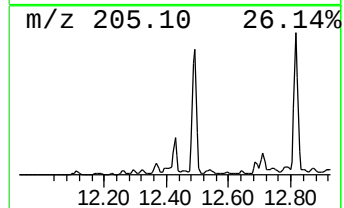
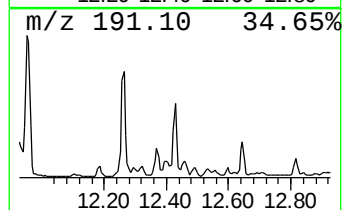
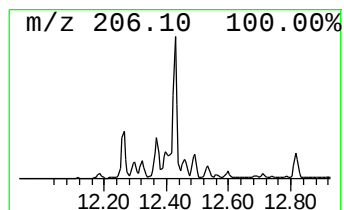
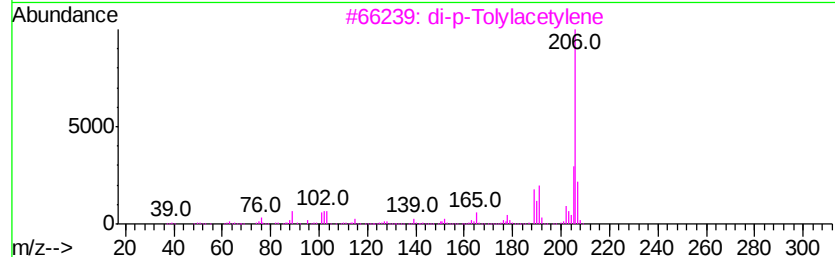
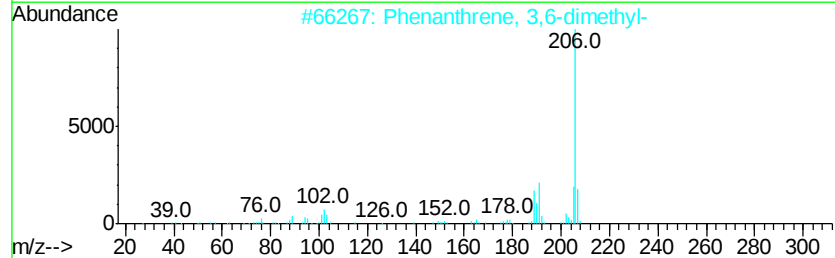
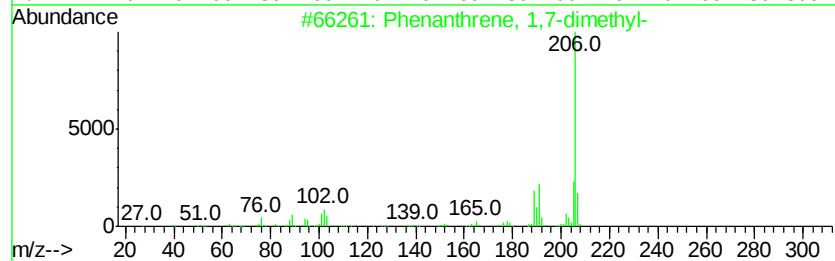
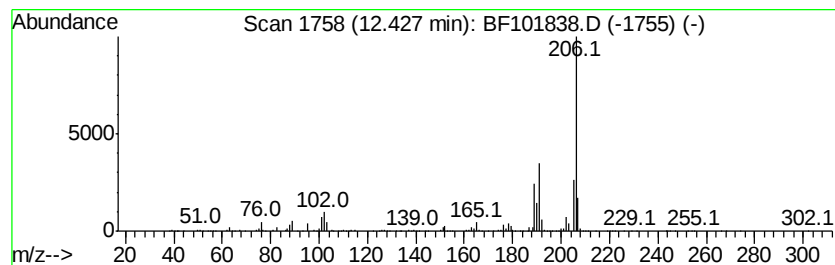
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	10.96 ng	396348	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-09(6-8)

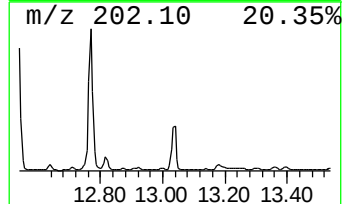
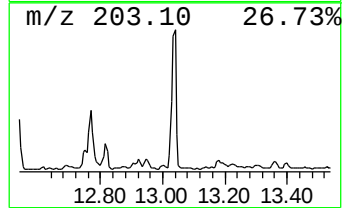
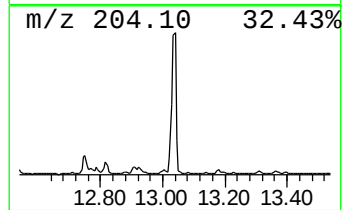
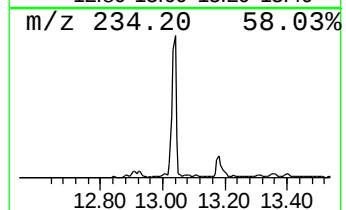
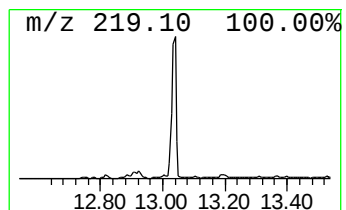
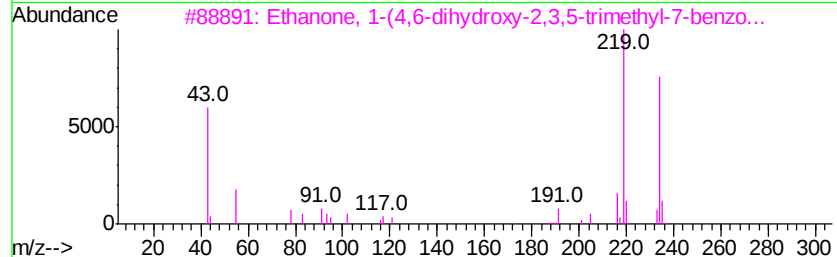
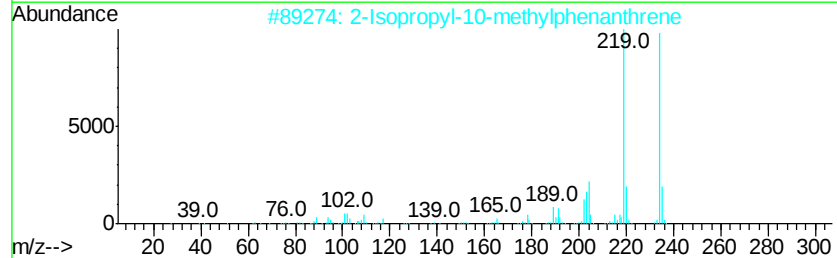
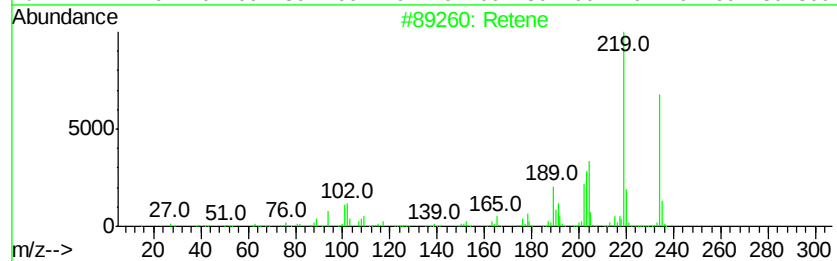
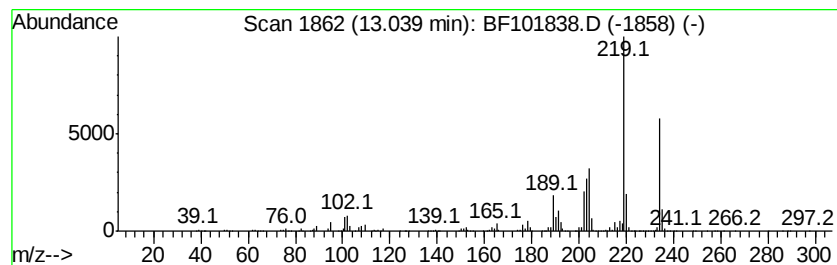
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	39.16 ng	1954400	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3		Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	52
4		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50
5		2-[[1-(4-Methylphenyl)ethylidene...	234	C16H14N2	1000326-46-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

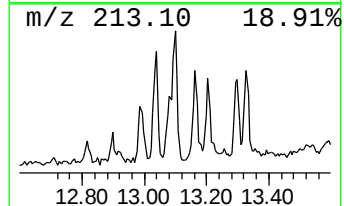
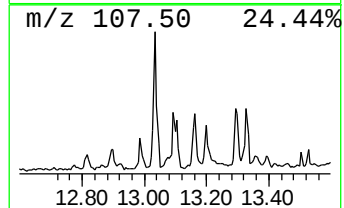
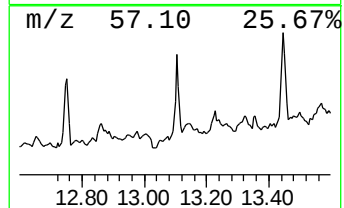
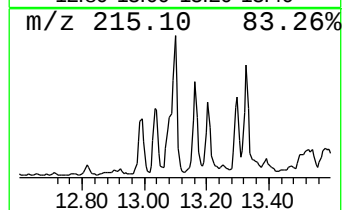
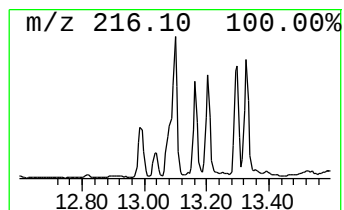
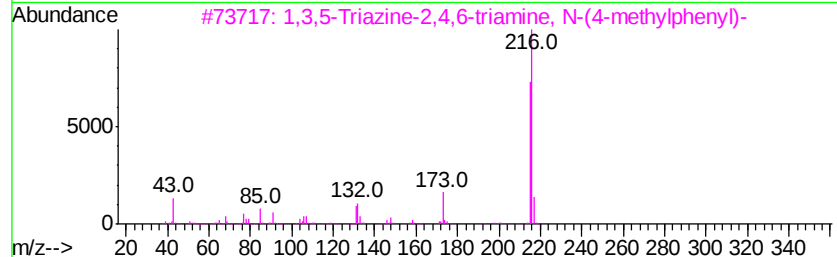
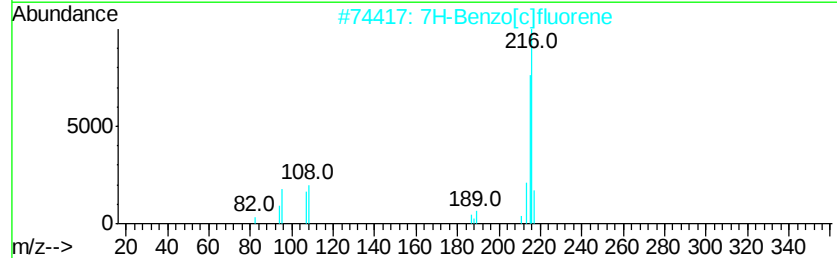
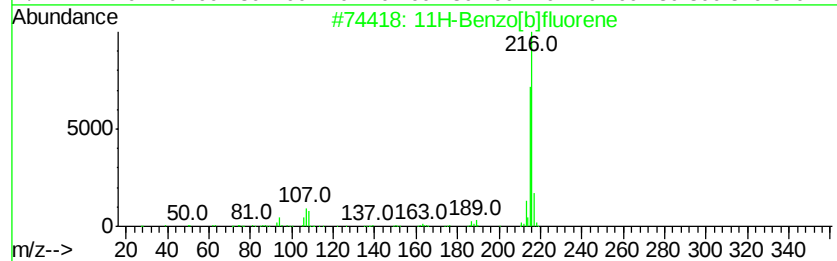
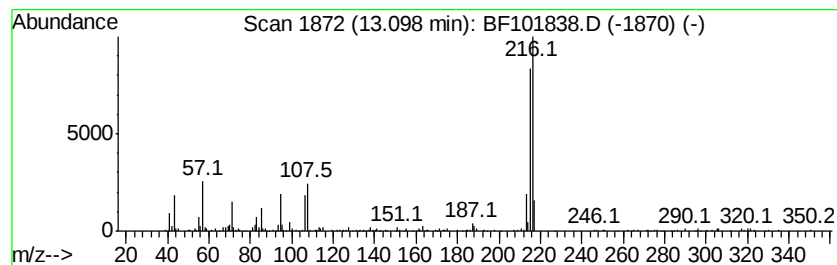
Instrument :
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ClientSampleId :
TB-09(6-8)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.10	4.87 ng	243261	Chrysene-d12	13.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
2		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
3		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TB-09(6-8)

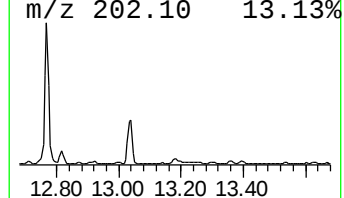
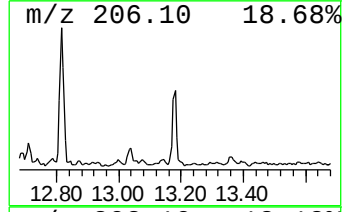
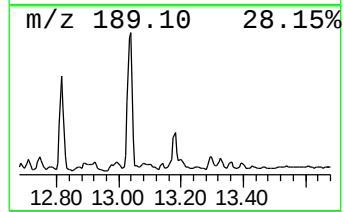
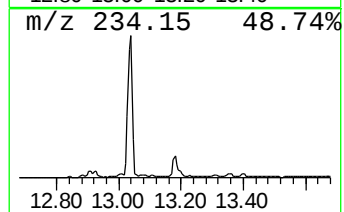
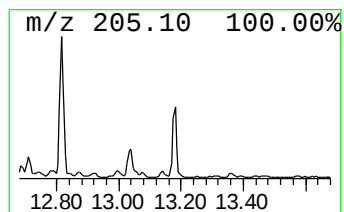
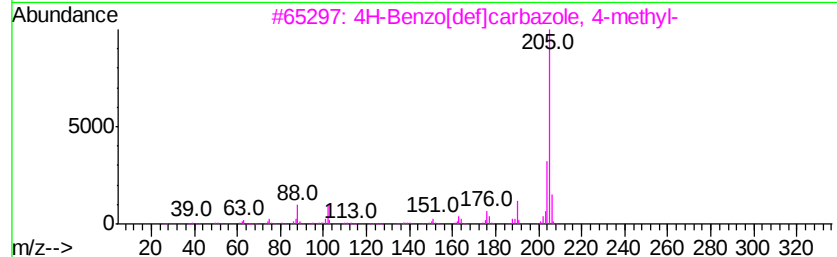
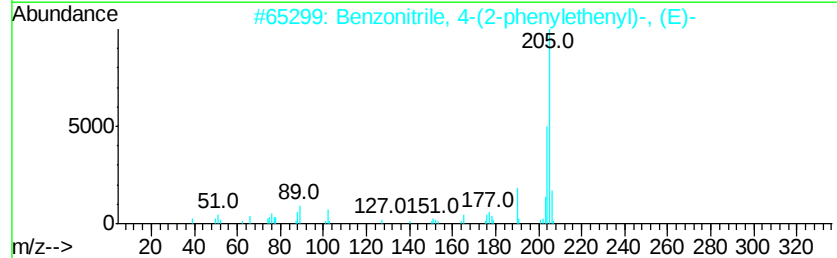
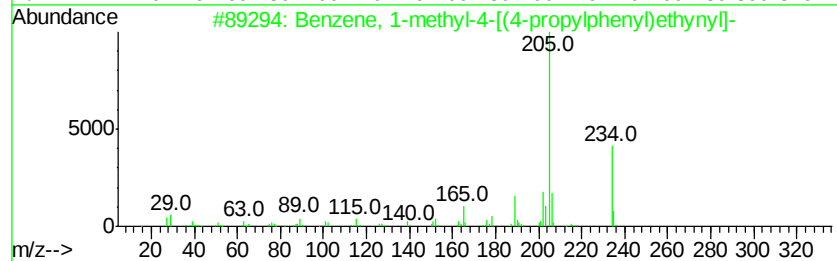
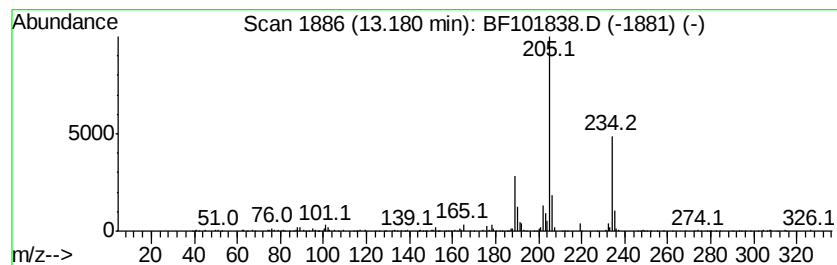
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-methyl-4-[(4-pro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	6.10 ng	304302	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-[(4-propylph...	234	C18H18	184161-94-2	72
2			Benzonitrile, 4-(2-phenylethenyl)...	205	C15H11N	013041-79-7	45
3			4H-Benzo[def]carbazole, 4-methyl-	205	C15H11N	084819-26-1	43
4			5-Phenylisoquinoline	205	C15H11N	024464-35-5	38
5			6-Phenylisoquinoline	205	C15H11N	070125-61-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
Sample : I7034-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TB-09(6-8)

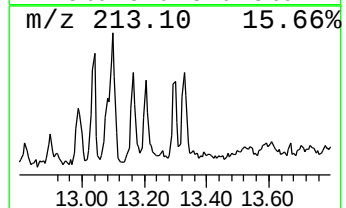
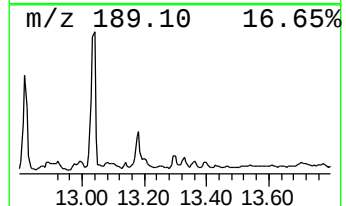
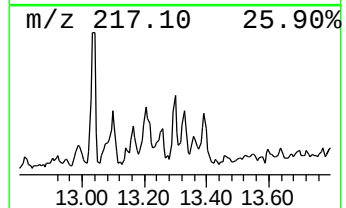
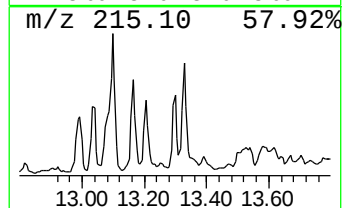
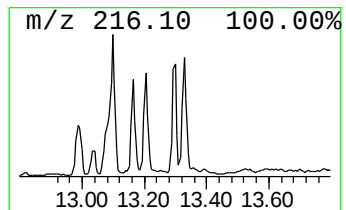
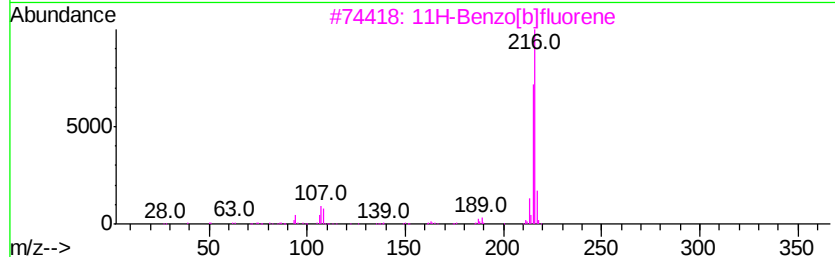
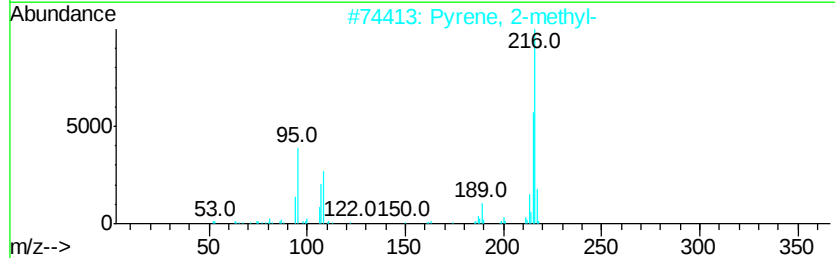
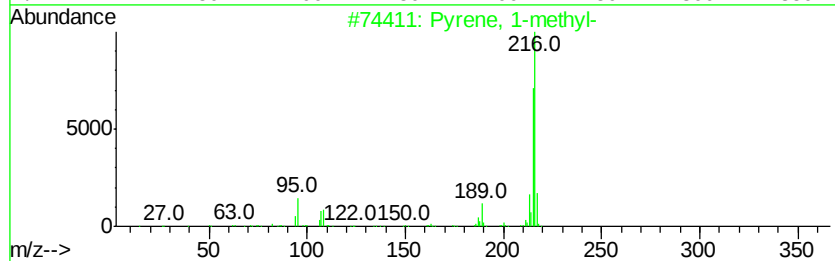
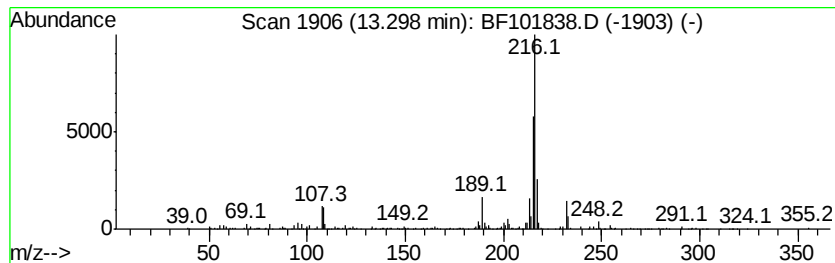
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	4.11 ng	205032	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
TB-09(6-8)

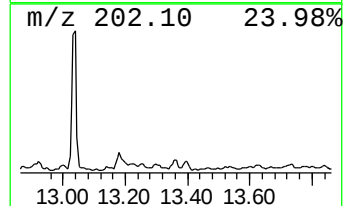
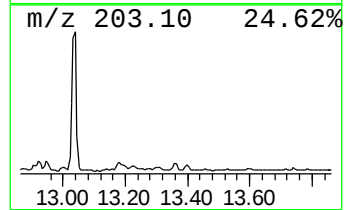
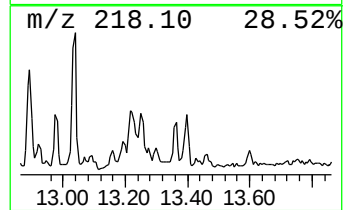
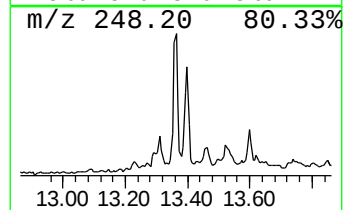
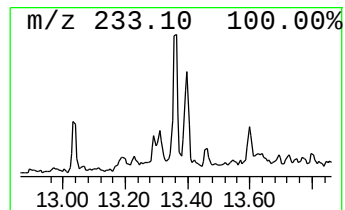
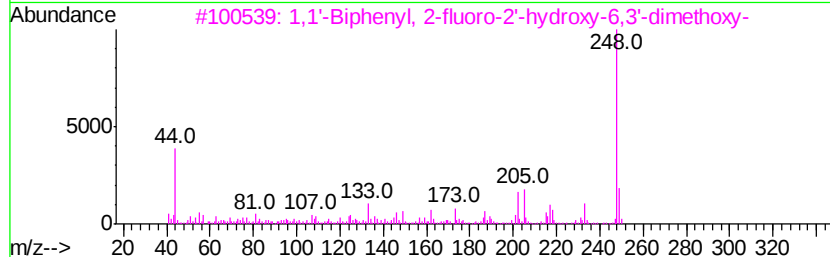
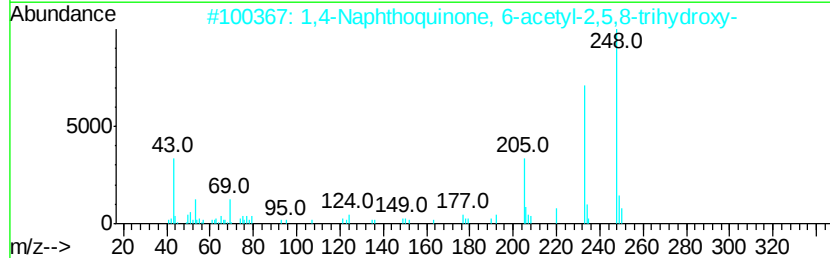
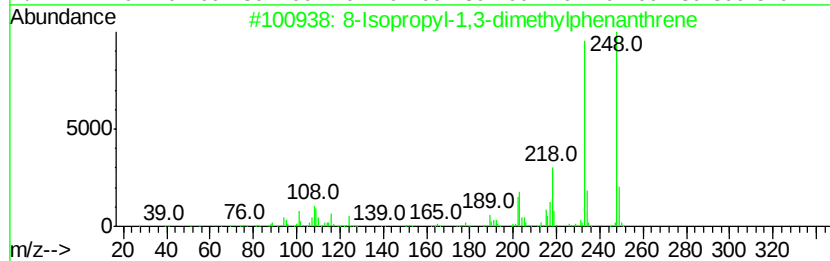
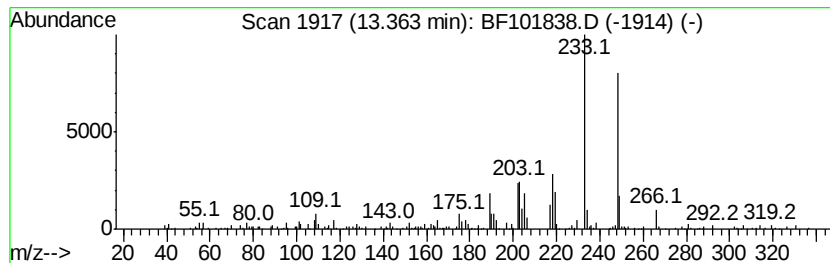
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8-Isopropyl-1,3-dimethylphe... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.89 ng	144371	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	74
2			1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013379-24-3	43
3			1,1'-Biphenyl, 2-fluoro-2'-hydro...	248	C14H13F03	095881-16-6	38
4			4,4,5',5'-Tetramethyl-bicyclohex...	248	C16H24O2	010517-07-4	38
5			1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013378-89-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101838.D
Acq On : 29 Dec 2017 19:20
Operator : SJ/JU
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
TB-09(6-8)

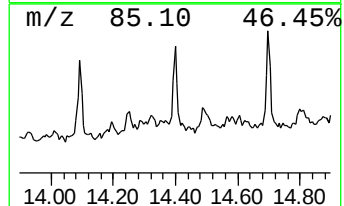
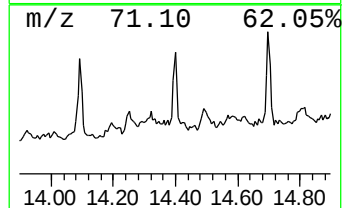
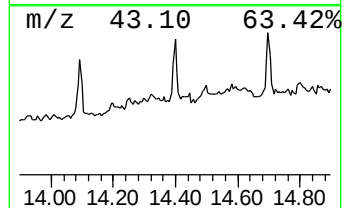
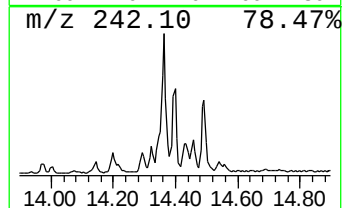
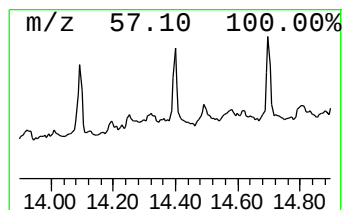
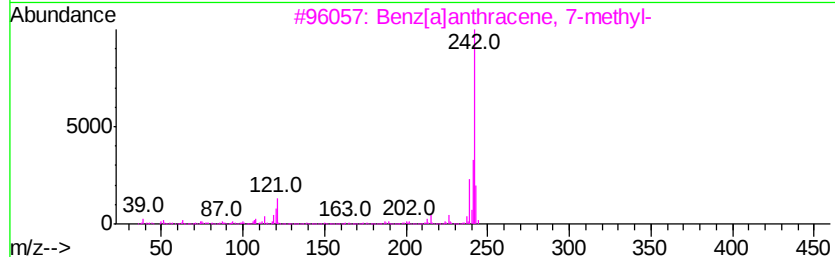
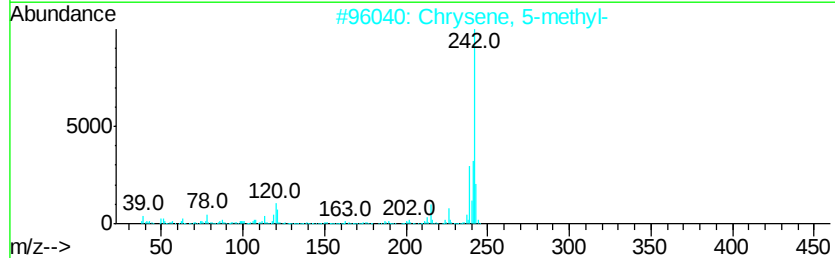
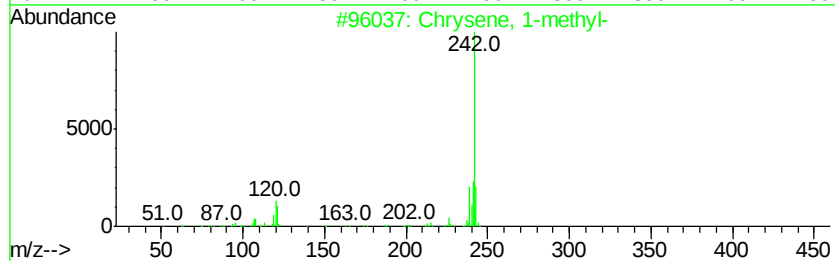
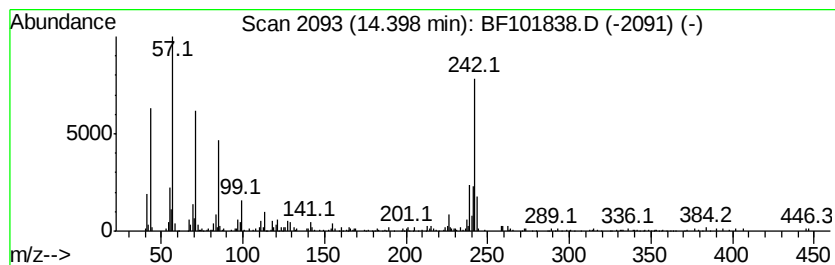
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Chrysene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.07 ng	153425	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
2		Chrysene, 5-methyl-	242	C19H14	003697-24-3	56
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	52
4		Hexadecane	226	C16H34	000544-76-3	47
5		1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
 Data File : BF101838.D
 Acq On : 29 Dec 2017 19:20
 Operator : SJ/JU
 Sample : I7034-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-09(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.57	6.57	15.5	ng	583538	1	6.79	754271	20.0
Naphthalene, 1,6-...	9.52	3.2	ng	137427	3	9.82	849878	20.0
Pentadecane	10.23	3.4	ng	142162	3	9.82	849878	20.0
Hexadecane, 2,6,1...	10.72	7.0	ng	253679	4	11.32	723124	20.0
Hexadecane	11.58	3.1	ng	111434	4	11.32	723124	20.0
Phenanthrene, 2-m...	11.82	4.5	ng	163035	4	11.32	723124	20.0
Anthracene, 2-met...	11.85	9.0	ng	326399	4	11.32	723124	20.0
4H-Cyclopenta[def...	11.93	6.0	ng	216336	4	11.32	723124	20.0
Anthracene, 9-ethyl-	12.26	6.7	ng	242597	4	11.32	723124	20.0
di-p-Tolylacetylene	12.37	7.1	ng	257773	4	11.32	723124	20.0
Phenanthrene, 1,7...	12.43	11.0	ng	396348	4	11.32	723124	20.0
Retene	13.04	39.2	ng	1954400	5	13.97	998242	20.0
11H-Benzo[b]fluorene	13.10	4.9	ng	243261	5	13.97	998242	20.0
Benzene, 1-methyl...	13.18	6.1	ng	304302	5	13.97	998242	20.0
Pyrene, 1-methyl-	13.30	4.1	ng	205032	5	13.97	998242	20.0
8-Isopropyl-1,3-d...	13.36	2.9	ng	144371	5	13.97	998242	20.0
Chrysene, 1-methyl-	14.40	3.1	ng	153425	5	13.97	998242	20.0