

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099665.D
 Acq On : 19 Oct 2017 19:03
 Operator : SJ/JU
 Sample : I5895-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

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-BF092317.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	5.034	499	501	508	rBV	13736	16054	1.10%	0.086%
2	5.445	569	571	588	rBV	84960	110194	7.57%	0.590%
3	6.463	742	744	754	rBV	98845	118244	8.12%	0.633%
4	6.592	764	766	773	rBV	137187	130363	8.95%	0.698%
5	6.816	801	804	813	rBV	755512	689226	47.32%	3.692%
6	6.975	828	831	838	rBV	122862	103256	7.09%	0.553%
7	7.081	846	849	853	rBV	15339	15843	1.09%	0.085%
8	7.386	898	901	907	rBV	72096	72875	5.00%	0.390%
9	8.098	1018	1022	1025	rBV	1037612	924597	63.48%	4.953%
10	8.810	1138	1143	1147	rBV2	34703	32639	2.24%	0.175%
11	8.910	1157	1160	1166	rBB	29207	23387	1.61%	0.125%
12	9.169	1201	1204	1208	rVB	209957	157361	10.80%	0.843%
13	9.439	1245	1250	1254	rBV	11161	15507	1.06%	0.083%
14	9.510	1259	1262	1265	rBV	20413	21483	1.48%	0.115%
15	9.716	1293	1297	1302	rBV	31586	29859	2.05%	0.160%
16	9.851	1313	1320	1323	rBV	1050392	931970	63.99%	4.993%
17	9.886	1323	1326	1330	rVB	160632	128439	8.82%	0.688%
18	10.057	1352	1355	1359	rBV	113105	89577	6.15%	0.480%
19	10.398	1410	1413	1418	rVB	157531	136761	9.39%	0.733%
20	10.557	1438	1440	1443	rVB	43028	32747	2.25%	0.175%
21	10.645	1447	1455	1459	rBV2	97037	121884	8.37%	0.653%
22	10.951	1500	1507	1509	rBV2	33226	48358	3.32%	0.259%
23	11.074	1524	1528	1530	rBV3	21630	26463	1.82%	0.142%
24	11.098	1530	1532	1537	rVV2	21365	28758	1.97%	0.154%
25	11.151	1538	1541	1544	rVV	89881	76997	5.29%	0.412%
26	11.192	1544	1548	1551	rVV2	50160	58220	4.00%	0.312%
27	11.239	1553	1556	1561	rVB	75242	72723	4.99%	0.390%
28	11.339	1570	1573	1575	rBV	811759	733887	50.39%	3.931%
29	11.363	1575	1577	1581	rVV	1226496	1094179	75.13%	5.862%
30	11.416	1581	1586	1590	rVV	346416	306075	21.02%	1.640%
31	11.457	1590	1593	1596	rVB	26811	26835	1.84%	0.144%
32	11.574	1608	1613	1618	rBV2	202704	205760	14.13%	1.102%
33	11.633	1621	1623	1627	rVV3	24606	32918	2.26%	0.176%
34	11.680	1627	1631	1635	rVB4	31902	40038	2.75%	0.214%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.751	1641	1643	1649	rVB3	16266	16956	1.16%	0.091%
36	11.839	1655	1658	1661	rBV	139698	130263	8.94%	0.698%
37	11.868	1661	1663	1667	rVB	201319	161247	11.07%	0.864%
38	11.916	1669	1671	1674	rBV	69652	57932	3.98%	0.310%
39	11.957	1674	1678	1680	rBV2	197669	220409	15.13%	1.181%
40	12.021	1686	1689	1692	rBV2	30331	31182	2.14%	0.167%
41	12.051	1692	1694	1696	rVV	23843	18646	1.28%	0.100%
42	12.133	1705	1708	1711	rBV	111351	88953	6.11%	0.477%
43	12.174	1711	1715	1718	rVB	86256	82020	5.63%	0.439%
44	12.286	1729	1734	1736	rBV4	28637	38429	2.64%	0.206%
45	12.316	1736	1739	1741	rVV2	35434	32115	2.21%	0.172%
46	12.339	1741	1743	1747	rVB	26843	22077	1.52%	0.118%
47	12.392	1748	1752	1754	rBV	56853	65312	4.48%	0.350%
48	12.427	1756	1758	1760	rVV	44312	46874	3.22%	0.251%
49	12.486	1764	1768	1771	rBV2	104211	103970	7.14%	0.557%
50	12.557	1776	1780	1784	rBV	1528193	1337659	91.84%	7.166%
51	12.592	1784	1786	1788	rVV	25044	22219	1.53%	0.119%
52	12.621	1788	1791	1794	rVV	36810	36042	2.47%	0.193%
53	12.651	1794	1796	1799	rVV2	22120	22112	1.52%	0.118%
54	12.704	1802	1805	1808	rVV3	62799	76116	5.23%	0.408%
55	12.733	1808	1810	1812	rVV3	23781	19655	1.35%	0.105%
56	12.768	1812	1816	1817	rVV2	306678	313932	21.55%	1.682%
57	12.786	1817	1819	1824	rVV	1246852	1054704	72.42%	5.650%
58	12.833	1824	1827	1831	rVB2	80338	76620	5.26%	0.410%
59	12.915	1836	1841	1844	rBV2	132227	194488	13.35%	1.042%
60	12.951	1844	1847	1851	rVB	91652	93591	6.43%	0.501%
61	12.998	1851	1855	1860	rBV2	90347	167749	11.52%	0.899%
62	13.039	1860	1862	1867	rVB	34640	34883	2.40%	0.187%
63	13.092	1867	1871	1872	rBV3	85268	112514	7.73%	0.603%
64	13.110	1872	1874	1877	rVB	146242	135001	9.27%	0.723%
65	13.180	1883	1886	1888	rBV	71781	65602	4.50%	0.351%
66	13.215	1888	1892	1894	rBV2	114690	142734	9.80%	0.765%
67	13.268	1899	1901	1904	rVB	31674	29483	2.02%	0.158%
68	13.310	1905	1908	1910	rBV2	59054	52003	3.57%	0.279%
69	13.339	1910	1913	1916	rBV3	77107	79830	5.48%	0.428%
70	13.533	1944	1946	1949	rVB2	48486	42992	2.95%	0.230%
71	13.627	1959	1962	1966	rBV	180164	155884	10.70%	0.835%

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72	13.733	1977	1980	1982	rBV	151005	128562	8.83%	0.689%
73	13.757	1982	1984	1986	rVB	104260	78680	5.40%	0.421%
74	13.786	1986	1989	1990	rBV	91605	79158	5.43%	0.424%
75	13.839	1995	1998	2003	rVB	184954	190753	13.10%	1.022%
76	13.980	2015	2022	2025	rBV2	936291	1456450	100.00%	7.802%
77	14.010	2025	2027	2030	rVB	630921	547570	37.60%	2.933%
78	14.092	2038	2041	2043	rBV	92637	74063	5.09%	0.397%
79	14.180	2054	2056	2058	rVB	52045	34917	2.40%	0.187%
80	14.215	2060	2062	2065	rVB	87354	69912	4.80%	0.375%
81	14.333	2080	2082	2084	rBV2	71228	65583	4.50%	0.351%
82	14.368	2086	2088	2092	rVB	138839	113921	7.82%	0.610%
83	14.404	2092	2094	2096	rBV2	68624	57442	3.94%	0.308%
84	14.692	2141	2143	2145	rBV2	57226	52942	3.64%	0.284%
85	14.862	2170	2172	2176	rBV2	83669	96871	6.65%	0.519%
86	15.027	2196	2200	2203	rBV	580266	886505	60.87%	4.749%
87	15.133	2215	2218	2222	rBV	127303	145863	10.01%	0.781%
88	15.327	2247	2251	2257	rVB	332305	389512	26.74%	2.087%
89	15.392	2258	2262	2266	rVV	500530	590337	40.53%	3.162%
90	15.451	2268	2272	2275	rVV	517074	635011	43.60%	3.402%
91	15.480	2275	2277	2286	rVB2	164444	211885	14.55%	1.135%
92	16.921	2516	2522	2530	rVB	223339	438554	30.11%	2.349%
93	17.368	2593	2598	2607	rVB	138109	286996	19.71%	1.537%

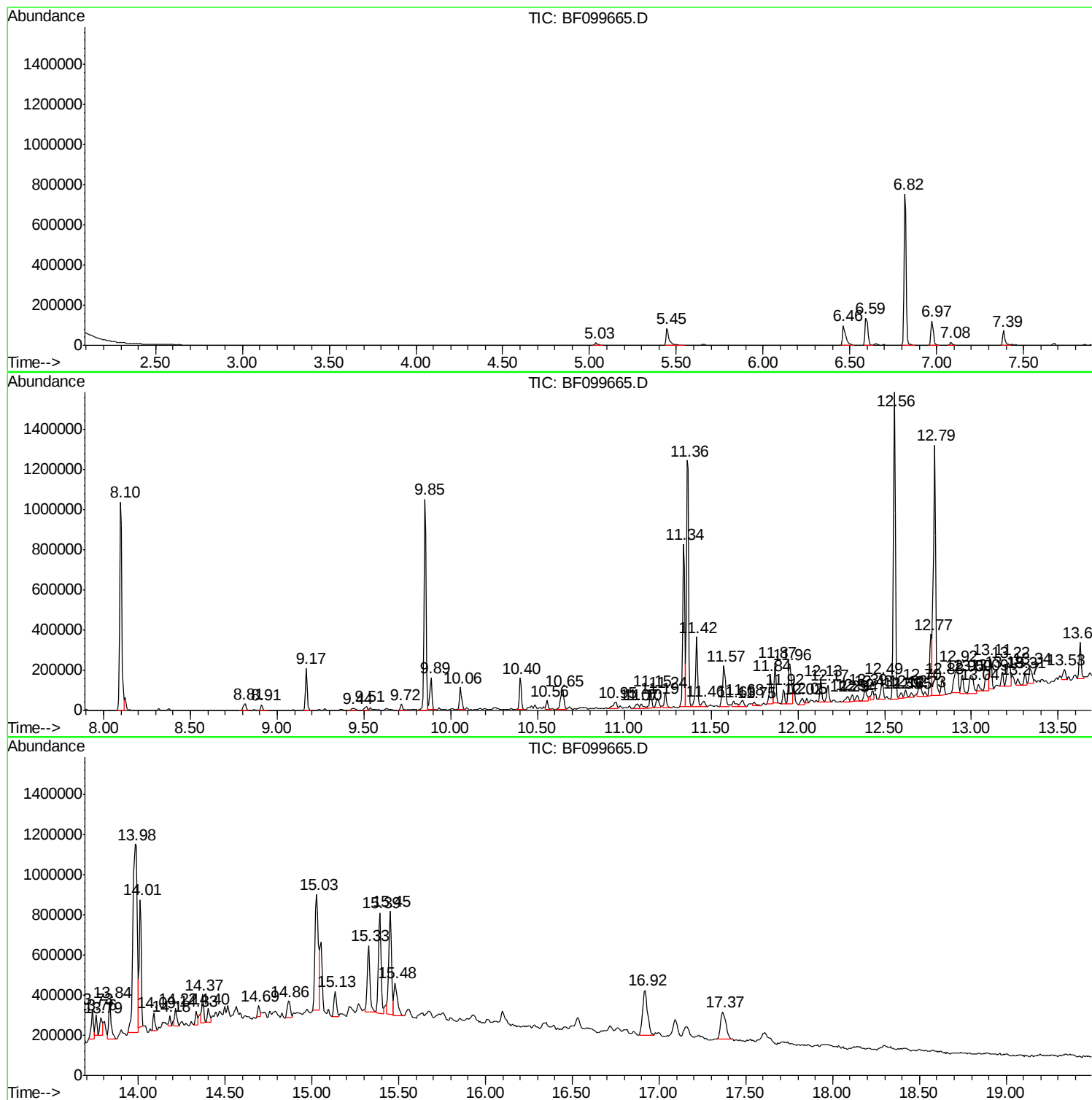
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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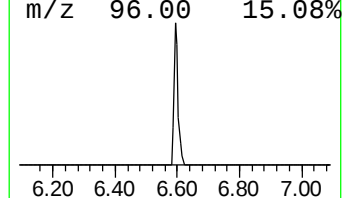
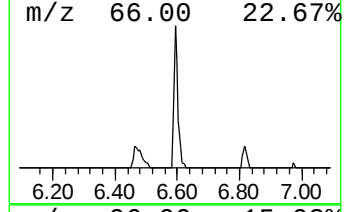
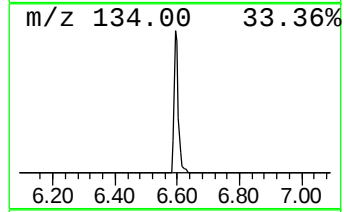
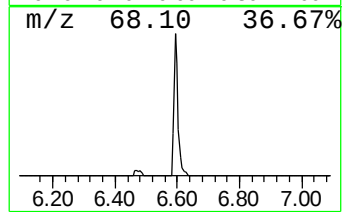
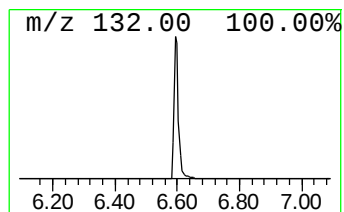
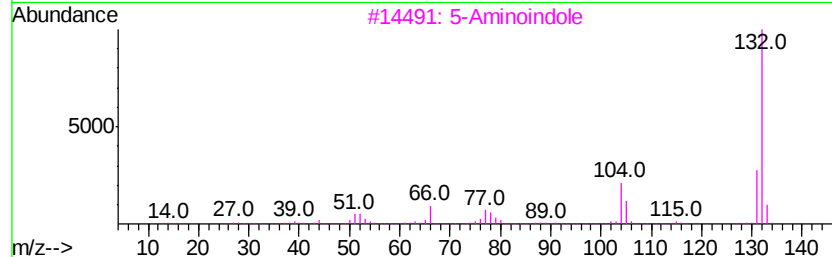
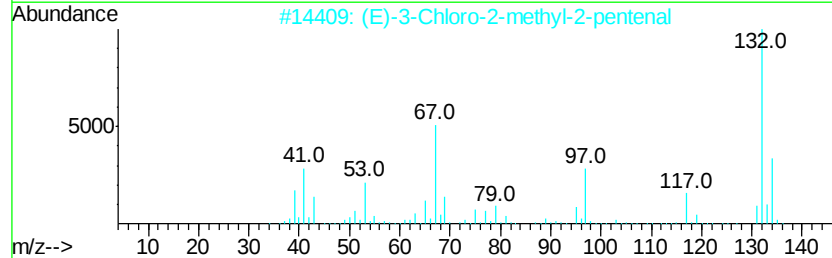
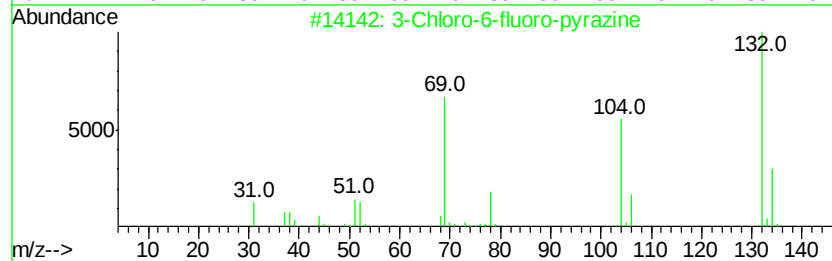
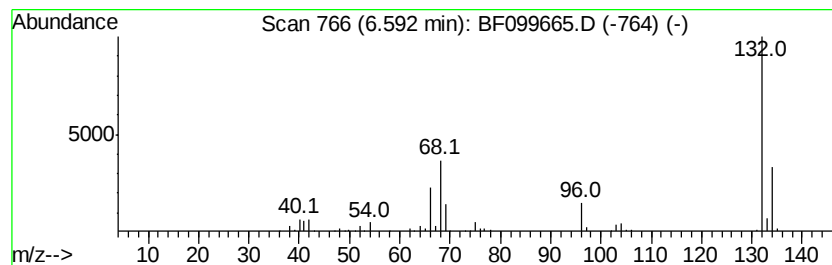
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	3.78 ng	130363	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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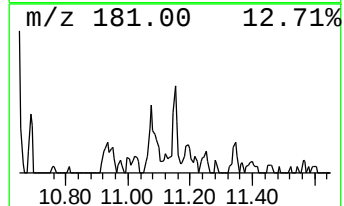
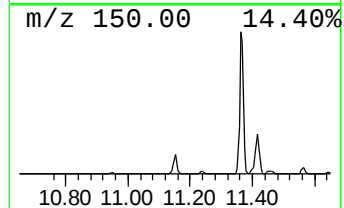
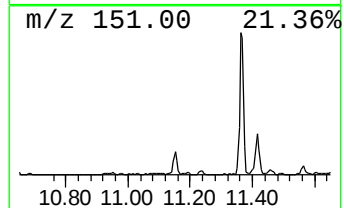
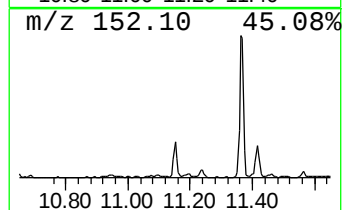
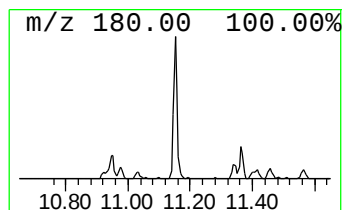
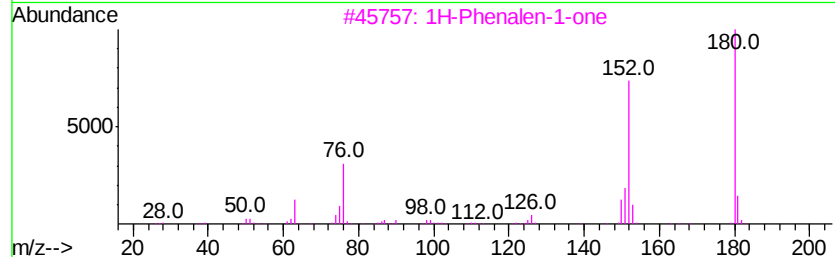
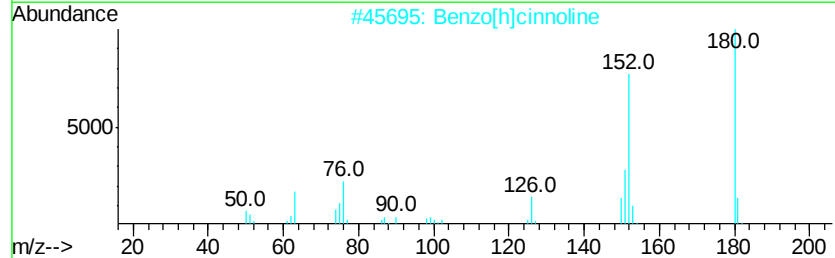
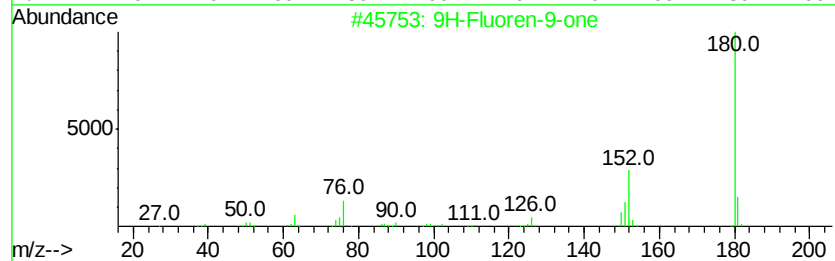
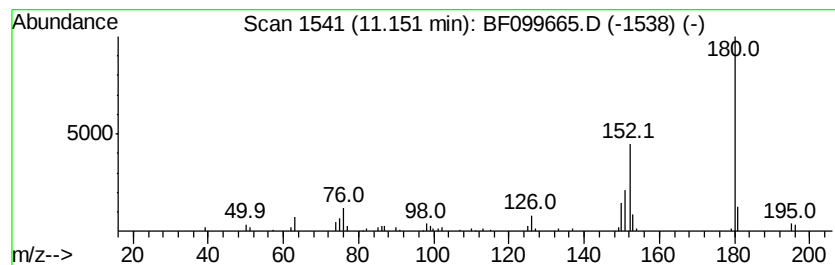
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.10 ng	76997	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4		2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	72
5		Phenazine	180	C12H8N2	000092-82-0	43



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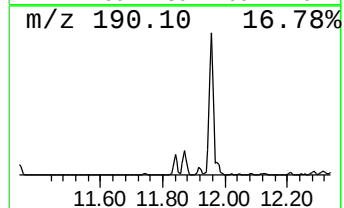
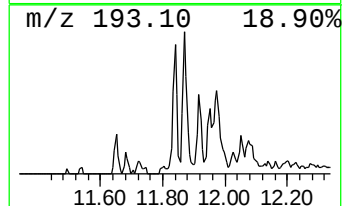
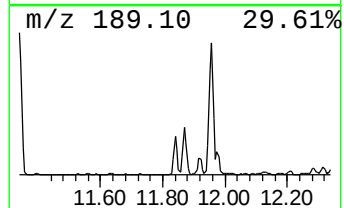
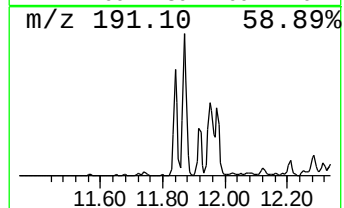
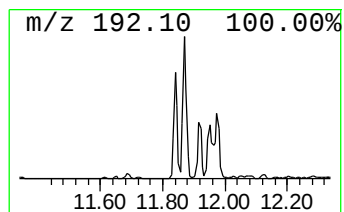
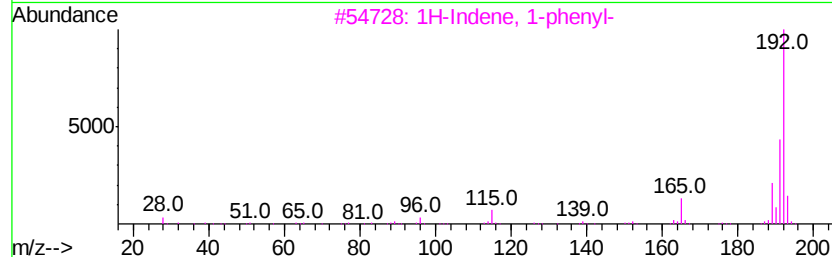
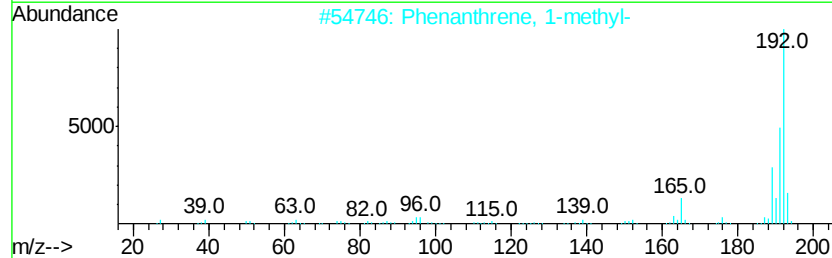
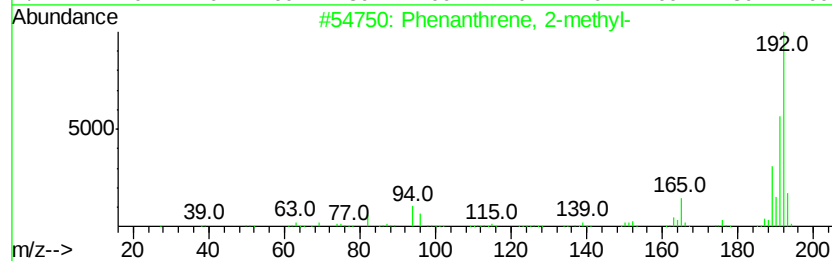
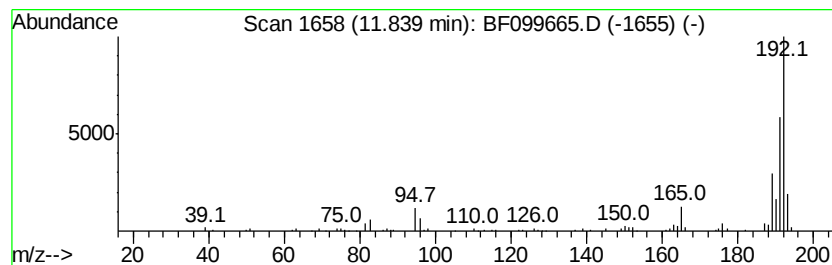
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	3.55 ng	130263	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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Misc :
ALS Vial : 6 Sample Multiplier: 1

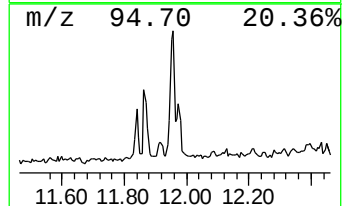
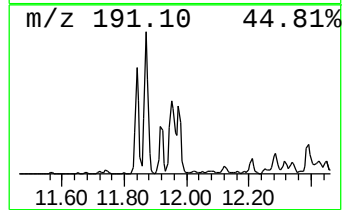
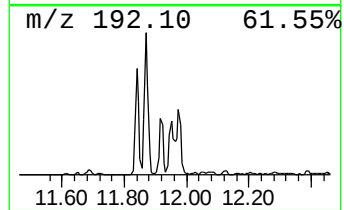
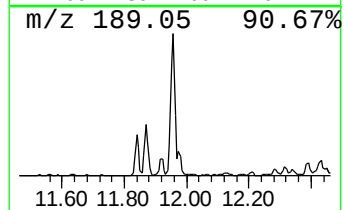
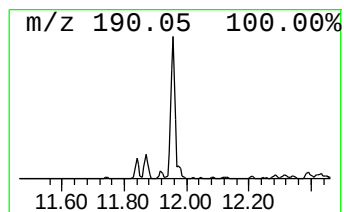
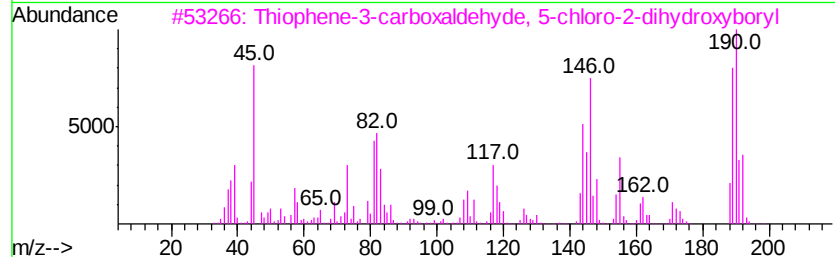
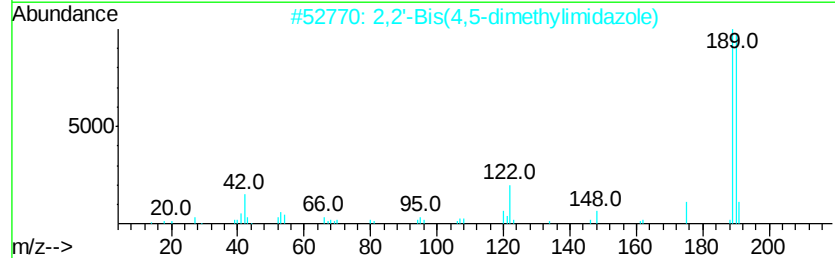
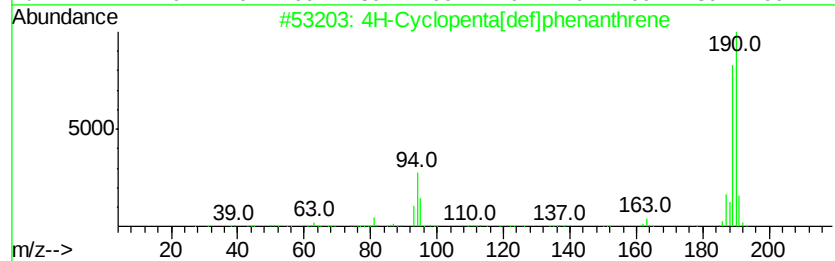
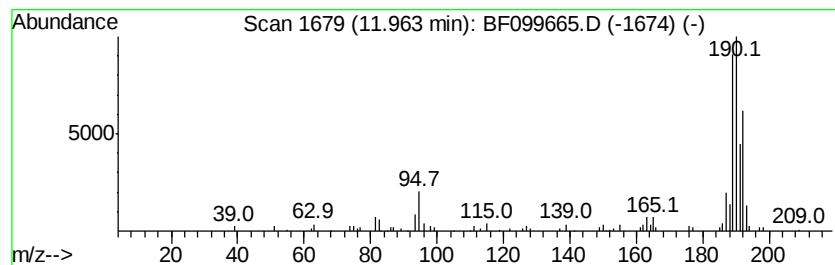
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ClientSampleId :
SOIL-PILE

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	6.01 ng	220409	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	40
4	1,4-Naphthalenedione, 2,5-dihydroxy-	190	C10H6O4	004923-55-1	35
5	6,7-Methylenedioxy-4(3H)-quinazolinone	190	C9H6N2O3	028310-11-4	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101917\
Data File : BF099665.D
Acq On : 19 Oct 2017 19:03
Operator : SJ/JU
Sample : I5895-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-PILE

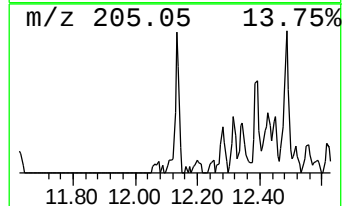
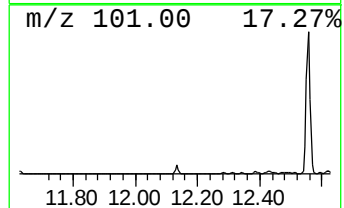
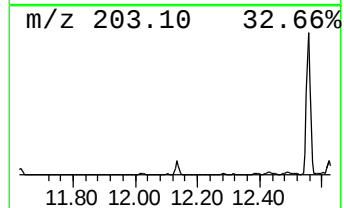
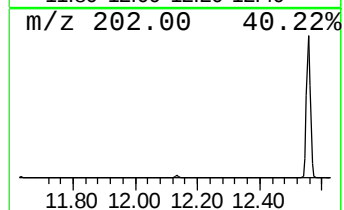
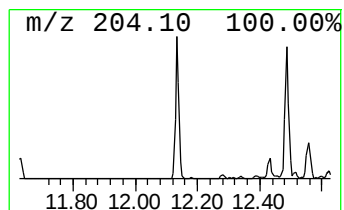
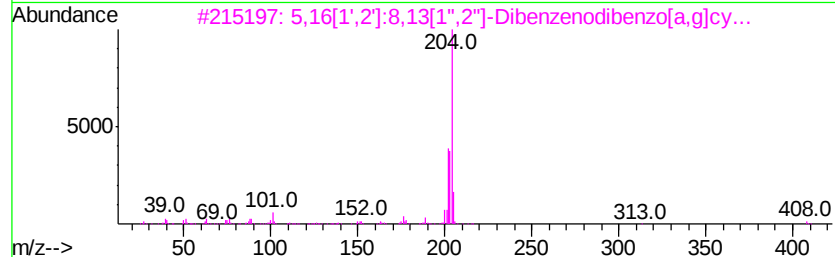
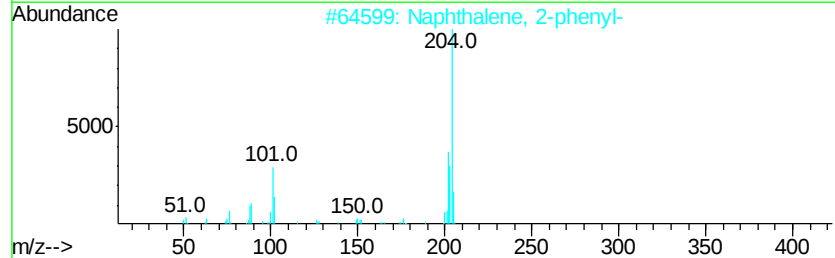
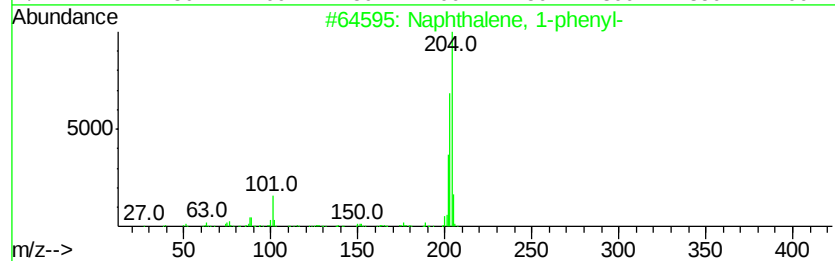
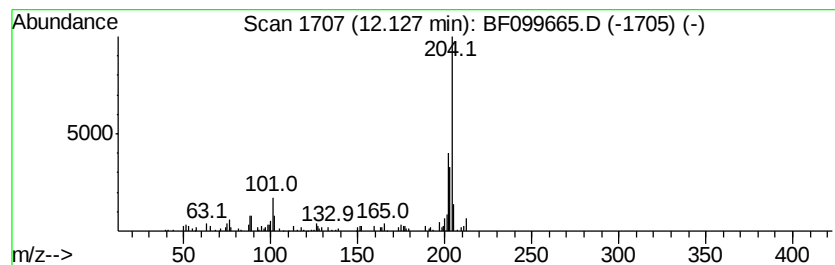
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.42 ng	88953	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101917\
Data File : BF099665.D
Acq On : 19 Oct 2017 19:03
Operator : SJ/JU
Sample : I5895-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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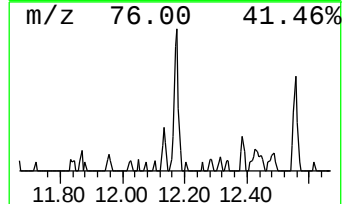
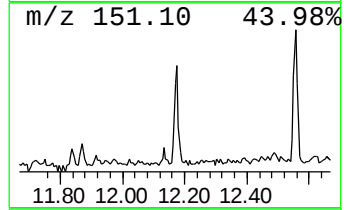
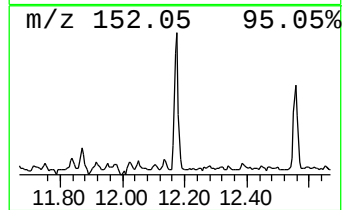
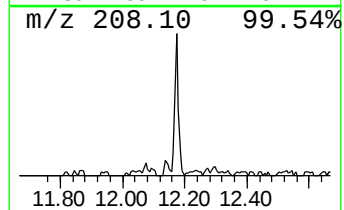
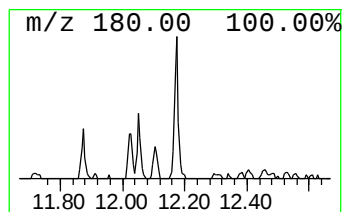
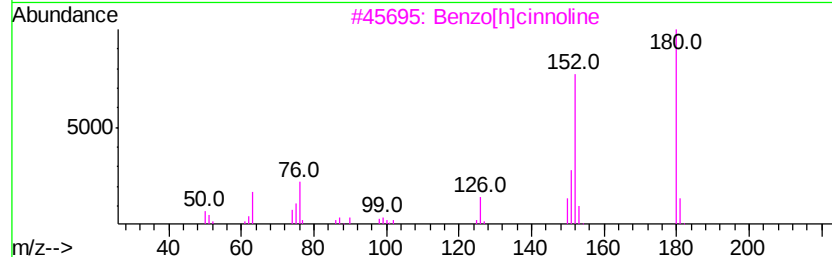
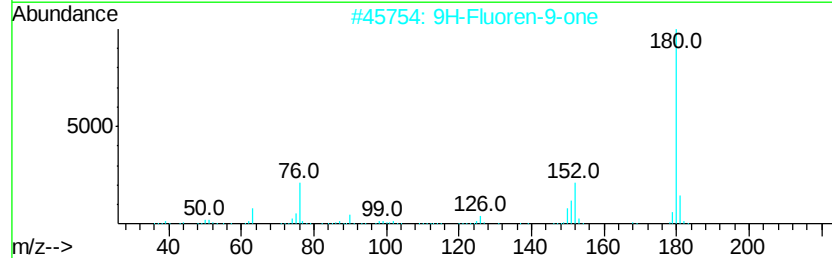
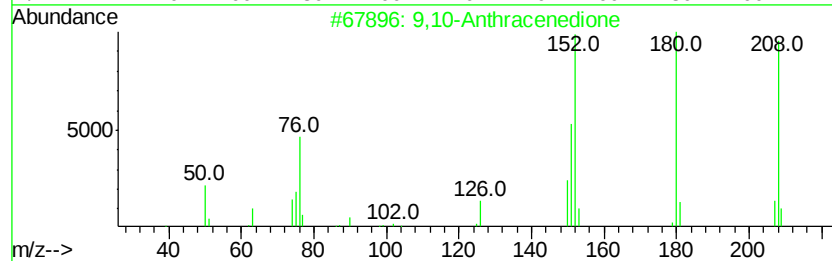
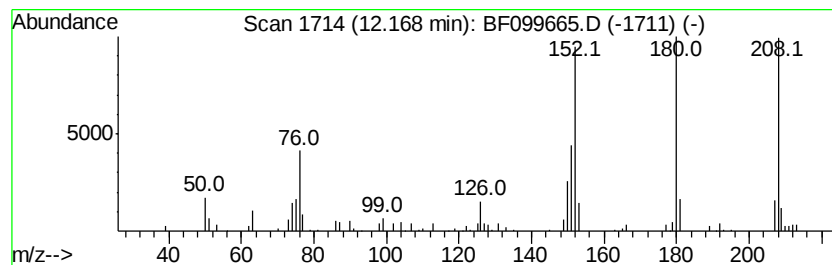
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.24 ng	82020	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099665.D
Acq On : 19 Oct 2017 19:03
Operator : SJ/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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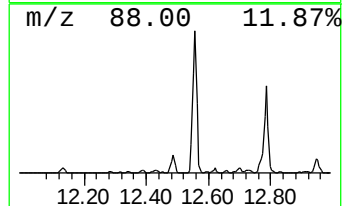
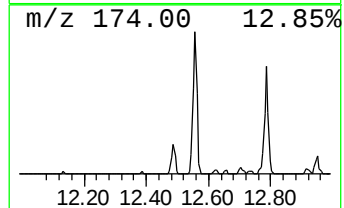
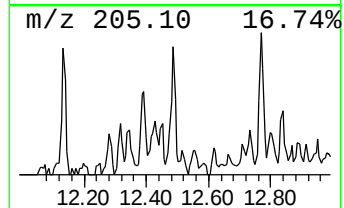
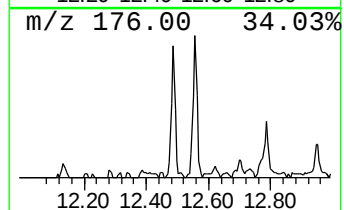
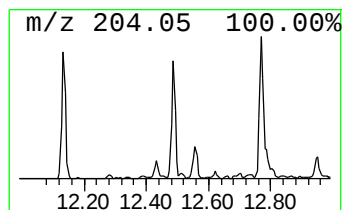
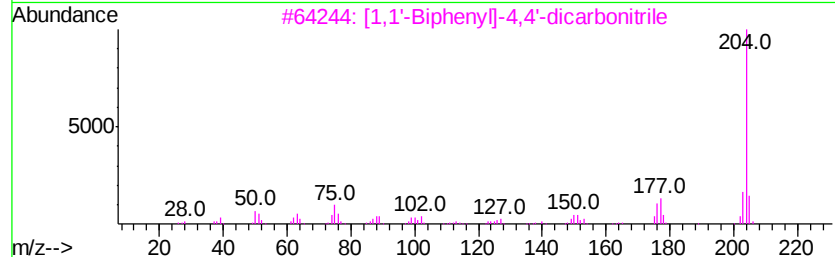
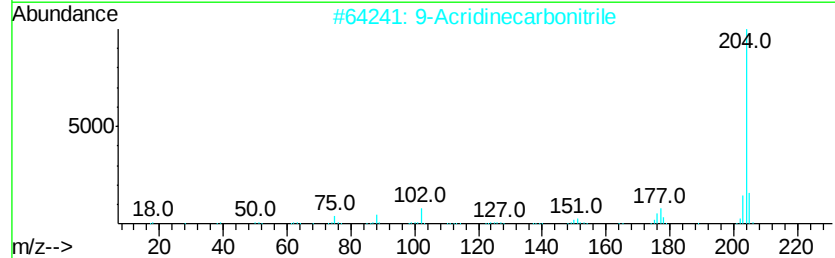
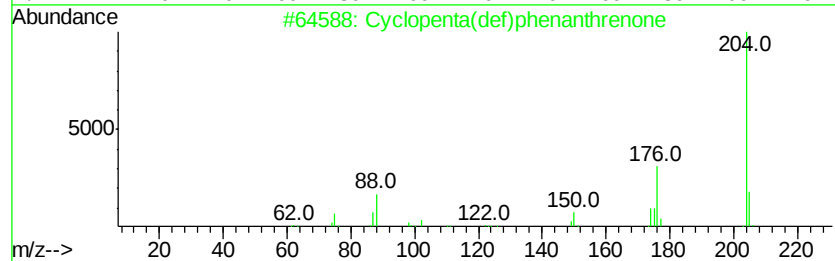
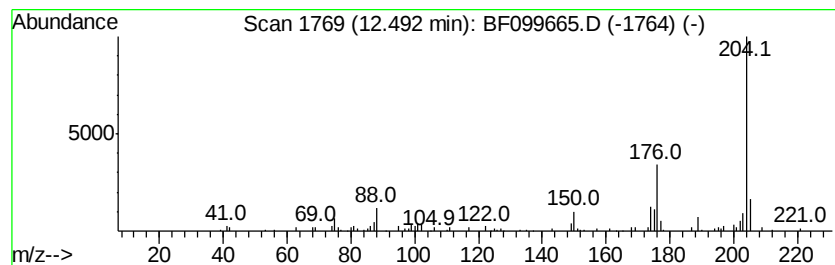
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.83 ng	103970	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	96
2		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	72
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
4		1,2,4,8-Tetramethylbicyclo[6.3.0]nona-2,4,6,8-tetraene	204	C15H24	137235-51-9	53
5		Hydantoin, 5-benzylidene-2-thio-	204	C10H8N2OS	000583-46-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099665.D
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Sample : I5895-01 10X
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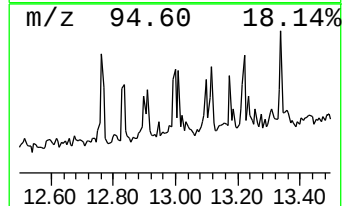
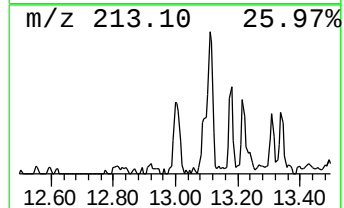
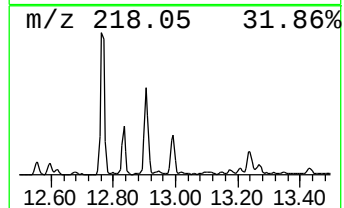
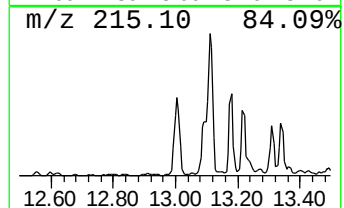
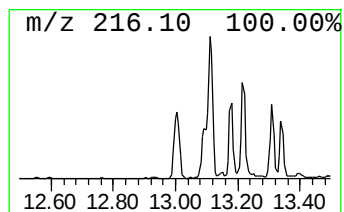
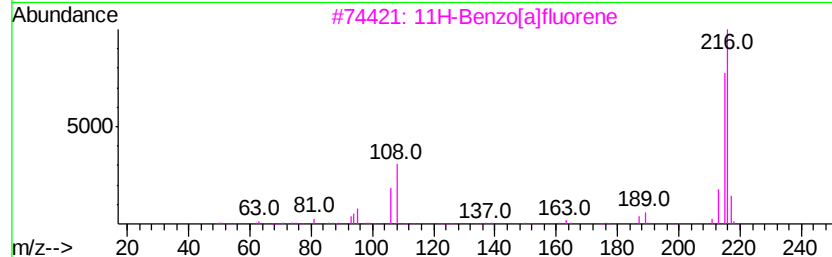
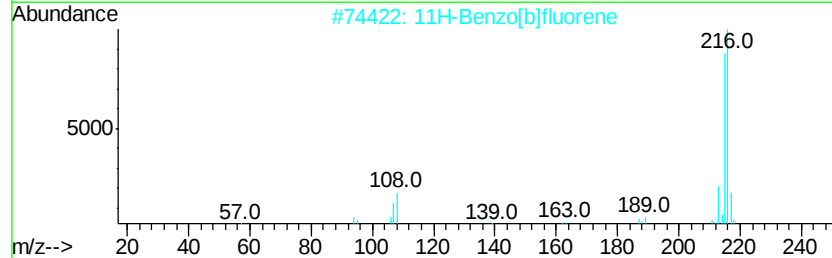
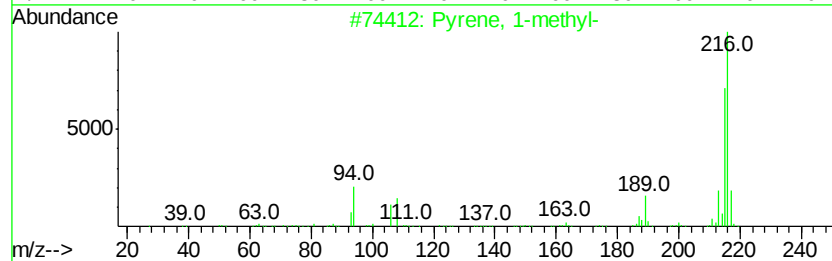
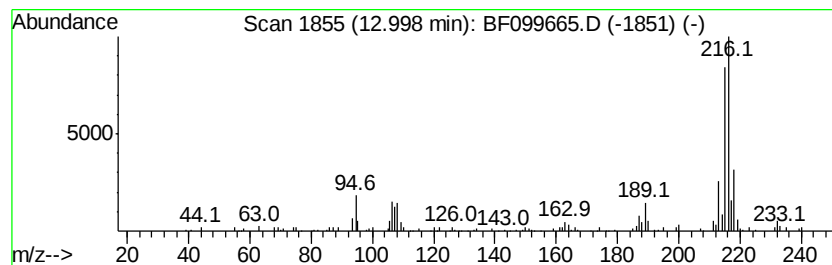
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.30 ng	167749	Chrysene-d12	13.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 94
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 80
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 76
5		Pyrene, 4-methyl-	216 C17H12	003353-12-6 55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099665.D
Acq On : 19 Oct 2017 19:03
Operator : SJ/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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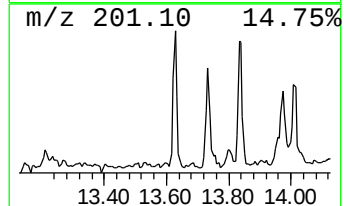
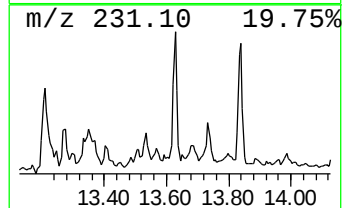
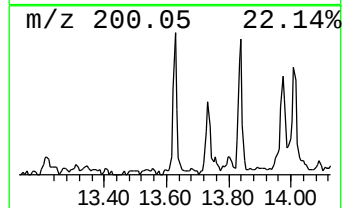
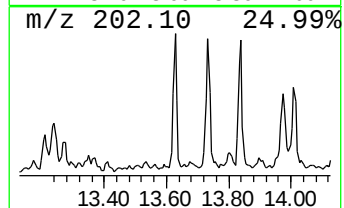
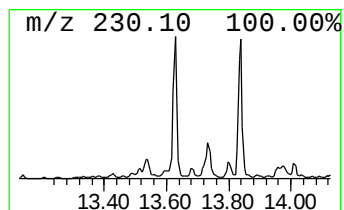
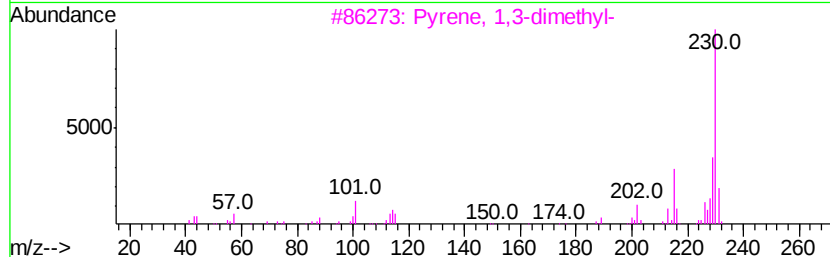
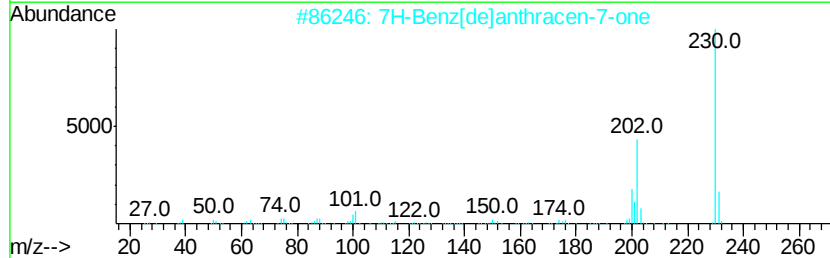
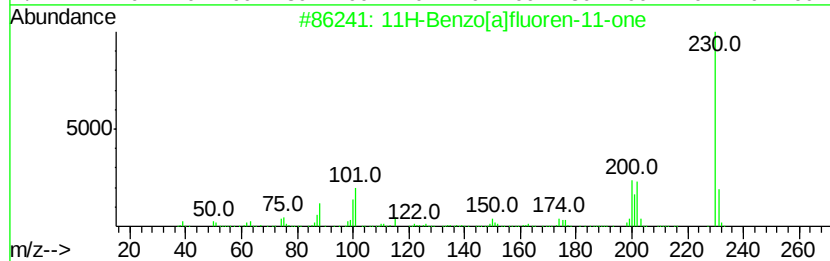
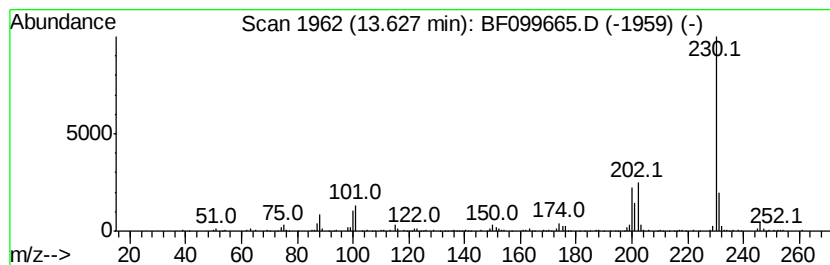
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.14 ng	155884	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64
4		o-Terphenyl	230	C18H14	000084-15-1	58
5		5,6-Dihydrochrysene	230	C18H14	002091-92-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099665.D
Acq On : 19 Oct 2017 19:03
Operator : SJ/JU
Sample : I5895-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-PILE

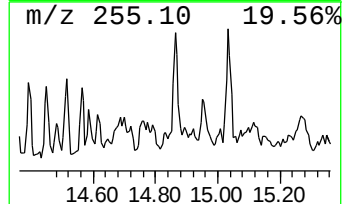
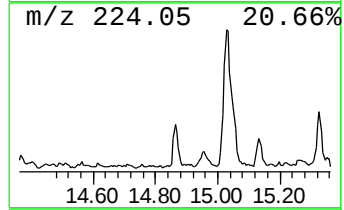
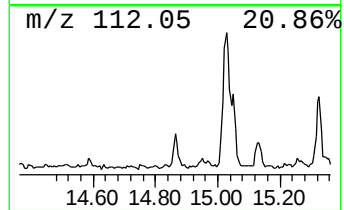
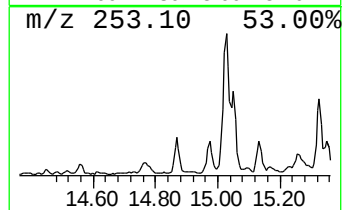
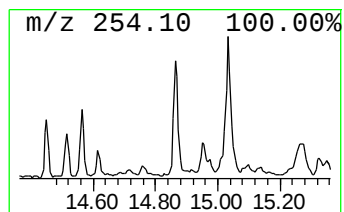
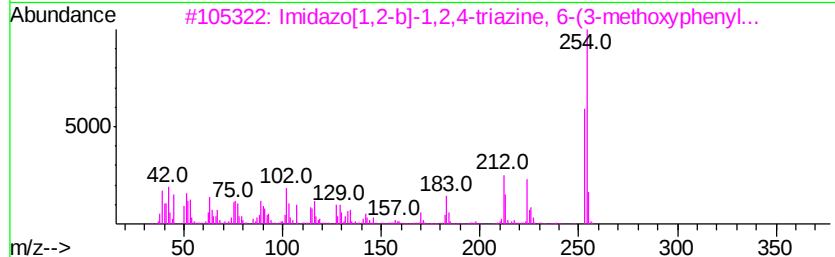
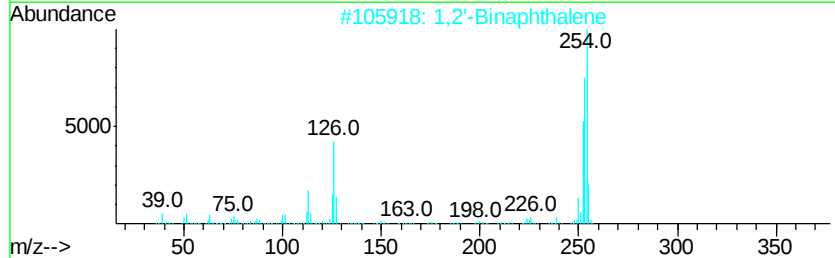
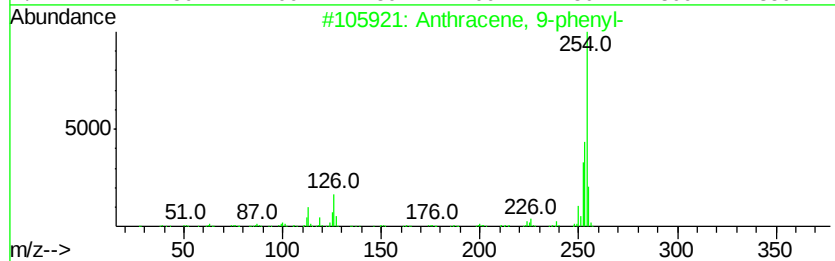
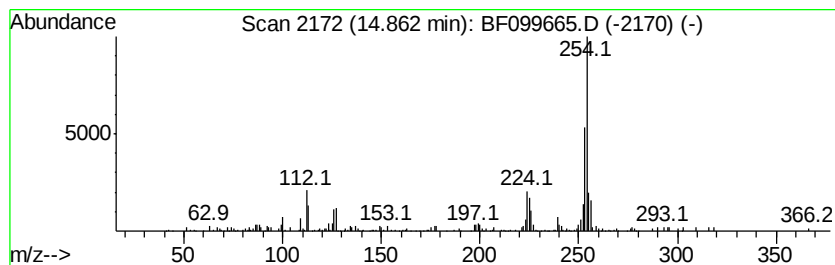
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 9-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.05 ng	96871	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
2		1,2'-Binaphthalene	254	C20H14	004325-74-0	62
3		Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	53
4		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	53
5		Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101917\
Data File : BF099665.D
Acq On : 19 Oct 2017 19:03
Operator : SJ/JU
Sample : I5895-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

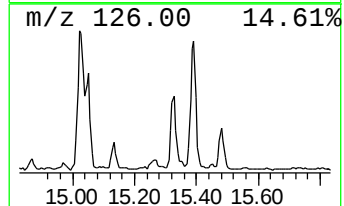
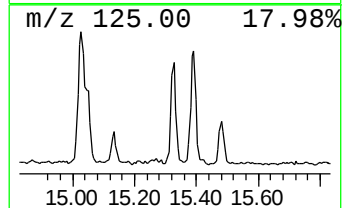
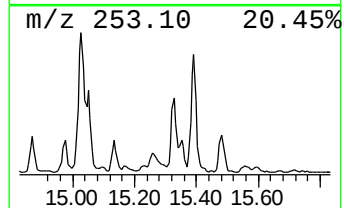
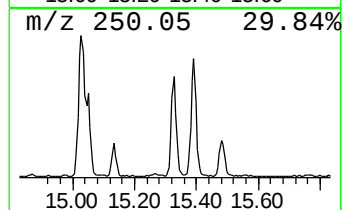
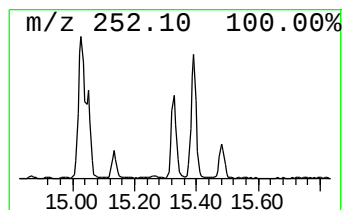
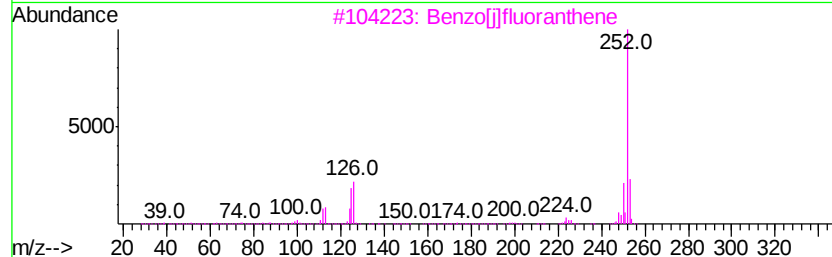
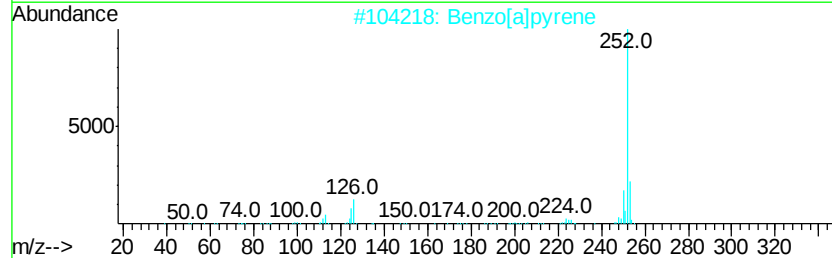
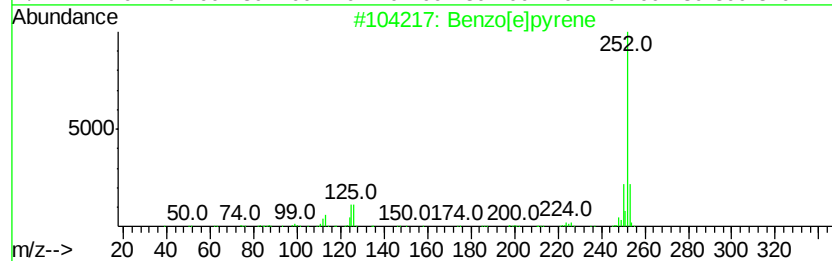
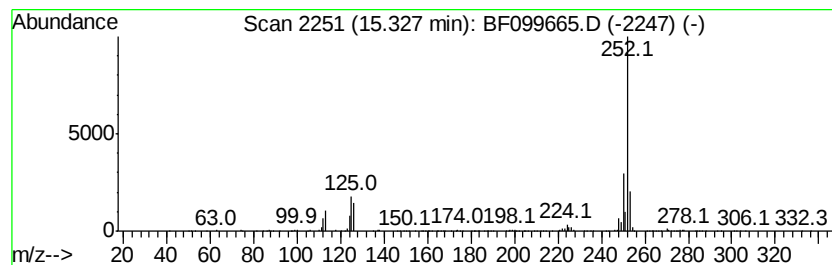
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	12.27 ng	389512	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Benzo[a]pyrene	252 C20H12	000050-32-8	94
3	Benzo[i]fluoranthene	252 C20H12	000205-82-3	94
4	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252 C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101917\
 Data File : BF099665.D
 Acq On : 19 Oct 2017 19:03
 Operator : SJ/JU
 Sample : I5895-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
unknown6.59	6.59	3.8	ng	130363	1	6.82	689226	20.0
9H-Fluoren-9-one	11.15	2.1	ng	76997	4	11.34	733887	20.0
Phenanthrene, 2-m...	11.84	3.5	ng	130263	4	11.34	733887	20.0
4H-Cyclopenta[def...	11.96	6.0	ng	220409	4	11.34	733887	20.0
Naphthalene, 1-ph...	12.13	2.4	ng	88953	4	11.34	733887	20.0
9,10-Anthracenedione	12.17	2.2	ng	82020	4	11.34	733887	20.0
Cyclopenta(def)ph...	12.49	2.8	ng	103970	4	11.34	733887	20.0
Pyrene, 1-methyl-	13.00	2.3	ng	167749	5	13.99	1456450	20.0
11H-Benzo[a]fluor...	13.63	2.1	ng	155884	5	13.99	1456450	20.0
Anthracene, 9-phe...	14.86	3.0	ng	96871	6	15.45	635011	20.0
Benzo[e]pyrene	15.33	12.3	ng	389512	6	15.45	635011	20.0