

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101781.D
 Acq On : 27 Dec 2017 23:42
 Operator : SJ/JU
 Sample : I7064-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-5

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	5.004	493	496	509	rBV	85474	155195	3.14%	0.229%
2	5.416	562	566	593	rBV	1089320	1918136	38.81%	2.834%
3	6.440	736	740	758	rBV	1162848	2002732	40.53%	2.959%
4	6.563	758	761	767	rBV	1835292	1859875	37.63%	2.748%
5	6.787	796	799	810	rBV	921680	923561	18.69%	1.365%
6	6.945	822	826	841	rBV	1440152	1516849	30.69%	2.241%
7	7.357	893	896	914	rBV	856983	1190961	24.10%	1.760%
8	8.069	1014	1017	1020	rBV	1206929	1202500	24.33%	1.777%
9	8.092	1020	1021	1029	rVB	585125	471293	9.54%	0.696%
10	8.786	1135	1139	1145	rBV	591985	519628	10.51%	0.768%
11	8.881	1151	1155	1168	rVB	424951	481131	9.74%	0.711%
12	9.145	1196	1200	1208	rBV	2254618	2104723	42.59%	3.110%
13	9.251	1214	1218	1222	rBV	183972	178180	3.61%	0.263%
14	9.345	1231	1234	1241	rVB	86835	110507	2.24%	0.163%
15	9.416	1241	1246	1250	rBV	271618	394626	7.99%	0.583%
16	9.486	1253	1258	1260	rVV	419813	454178	9.19%	0.671%
17	9.510	1260	1262	1266	rVV	298802	325157	6.58%	0.480%
18	9.545	1266	1268	1273	rVB	153262	147795	2.99%	0.218%
19	9.604	1273	1278	1285	rVB	243145	310274	6.28%	0.458%
20	9.692	1289	1293	1297	rVB2	195108	208432	4.22%	0.308%
21	9.739	1299	1301	1304	rVB	133871	96988	1.96%	0.143%
22	9.804	1305	1312	1313	rBV	181205	166475	3.37%	0.246%
23	9.828	1313	1316	1319	rVV2	1309533	1182457	23.93%	1.747%
24	9.857	1319	1321	1329	rVB	811071	815938	16.51%	1.206%
25	9.922	1329	1332	1337	rBV2	121513	177820	3.60%	0.263%
26	10.033	1347	1351	1355	rBV	1114670	1029007	20.82%	1.520%
27	10.069	1355	1357	1361	rVB2	188314	159427	3.23%	0.236%
28	10.139	1366	1369	1372	rBV	159630	173392	3.51%	0.256%
29	10.175	1372	1375	1379	rVV	150976	144638	2.93%	0.214%
30	10.239	1379	1386	1392	rVB2	222863	338875	6.86%	0.501%
31	10.380	1405	1410	1415	rVB	875774	956143	19.35%	1.413%
32	10.439	1419	1420	1422	rVV	112498	101810	2.06%	0.150%
33	10.463	1422	1424	1426	rVB2	150024	116414	2.36%	0.172%
34	10.533	1433	1436	1440	rVB	492017	413507	8.37%	0.611%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101781.D
 Acq On : 27 Dec 2017 23:42
 Operator : SJ/JU
 Sample : I7064-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-5

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

35	10.628	1447	1452	1457	rBV2	1173735	1524857	30.86%	2.253%
36	10.663	1457	1458	1464	rVB	131259	113643	2.30%	0.168%
37	10.710	1464	1466	1470	rBV	130760	178510	3.61%	0.264%
38	10.928	1497	1503	1506	rBV	259415	318284	6.44%	0.470%
39	10.957	1506	1508	1510	rVV	112422	100509	2.03%	0.148%
40	11.051	1519	1524	1526	rBV3	238496	271080	5.49%	0.401%
41	11.075	1526	1528	1534	rVV	211469	261692	5.30%	0.387%
42	11.139	1535	1539	1541	rVV	580989	554798	11.23%	0.820%
43	11.163	1541	1543	1547	rVV	300228	353586	7.15%	0.522%
44	11.216	1549	1552	1559	rVB	554794	525577	10.64%	0.777%
45	11.322	1566	1570	1572	rBV	1108178	1149683	23.26%	1.699%
46	11.351	1572	1575	1579	rVV	4288287	4941912	100.00%	7.301%
47	11.398	1579	1583	1589	rVV	1989330	2084604	42.18%	3.080%
48	11.445	1589	1591	1594	rVV	102874	102196	2.07%	0.151%
49	11.563	1606	1611	1617	rBV2	729446	884410	17.90%	1.307%
50	11.604	1617	1618	1621	rVV	146540	115683	2.34%	0.171%
51	11.669	1627	1629	1633	rVV2	134350	151576	3.07%	0.224%
52	11.727	1637	1639	1645	rVB3	105673	137329	2.78%	0.203%
53	11.822	1652	1655	1658	rVV	824943	748149	15.14%	1.105%
54	11.851	1658	1660	1665	rVB	1001644	853974	17.28%	1.262%
55	11.898	1665	1668	1671	rBV	460954	407516	8.25%	0.602%
56	11.933	1671	1674	1677	rVV	823424	996476	20.16%	1.472%
57	11.957	1677	1678	1682	rVB	469999	311416	6.30%	0.460%
58	12.116	1702	1705	1709	rVB	538941	469821	9.51%	0.694%
59	12.169	1711	1714	1719	rVB2	267792	296288	6.00%	0.438%
60	12.263	1727	1730	1734	rBV	156220	167144	3.38%	0.247%
61	12.298	1734	1736	1738	rVB	157785	110321	2.23%	0.163%
62	12.327	1738	1741	1743	rVB2	113514	106841	2.16%	0.158%
63	12.374	1745	1749	1751	rBV	328723	361168	7.31%	0.534%
64	12.416	1751	1756	1757	rVV	151208	196730	3.98%	0.291%
65	12.457	1761	1763	1765	rBV2	124717	136937	2.77%	0.202%
66	12.480	1765	1767	1772	rVB	281944	256689	5.19%	0.379%
67	12.545	1773	1778	1781	rBV	3629888	3916159	79.24%	5.786%
68	12.692	1799	1803	1806	rBV	320808	299287	6.06%	0.442%
69	12.774	1814	1817	1821	rVB	3035876	3223604	65.23%	4.763%
70	12.816	1821	1824	1829	rVB	251533	276413	5.59%	0.408%
71	12.898	1834	1838	1842	rBV2	1586291	1546109	31.29%	2.284%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

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

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

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

72	12.945	1843	1846	1849	rVB	211813	215291	4.36%	0.318%
73	12.992	1849	1854	1858	rBV2	303563	522547	10.57%	0.772%
74	13.033	1858	1861	1864	rVB2	97502	90986	1.84%	0.134%
75	13.080	1864	1869	1870	rBV2	202225	298194	6.03%	0.441%
76	13.098	1870	1872	1877	rVB	354705	386099	7.81%	0.570%
77	13.204	1885	1890	1893	rBV2	369546	454670	9.20%	0.672%
78	13.298	1903	1906	1908	rBV	224081	205343	4.16%	0.303%
79	13.327	1908	1911	1915	rBV2	223252	213297	4.32%	0.315%
80	13.392	1920	1922	1927	rBV2	54063	99530	2.01%	0.147%
81	13.621	1956	1961	1967	rBV	422746	528814	10.70%	0.781%
82	13.739	1976	1981	1985	rBV3	365442	622157	12.59%	0.919%
83	13.780	1985	1988	1994	rVV4	376208	633378	12.82%	0.936%
84	13.833	1994	1997	2001	rVB	417795	420155	8.50%	0.621%
85	13.916	2009	2011	2014	rVB	153554	137995	2.79%	0.204%
86	13.968	2014	2020	2024	rBV3	1996037	3322032	67.22%	4.908%
87	14.004	2024	2026	2029	rVB	1596570	1297268	26.25%	1.917%
88	14.080	2037	2039	2043	rVB	252335	196983	3.99%	0.291%
89	14.139	2047	2049	2054	rBV4	109841	116710	2.36%	0.172%
90	14.363	2082	2087	2090	rVV	411964	475083	9.61%	0.702%
91	14.398	2090	2093	2095	rVB	183357	153564	3.11%	0.227%
92	14.492	2106	2109	2114	rBV2	165102	229281	4.64%	0.339%
93	15.021	2195	2199	2202	rBV	1194903	1811928	36.66%	2.677%
94	15.133	2215	2218	2223	rVB	244925	282348	5.71%	0.417%
95	15.321	2247	2250	2257	rVB	606907	750760	15.19%	1.109%
96	15.392	2257	2262	2268	rVB	1010885	1293079	26.17%	1.910%
97	15.451	2268	2272	2275	rBV	523066	651068	13.17%	0.962%
98	15.480	2275	2277	2283	rVB2	262429	312731	6.33%	0.462%
99	16.939	2520	2525	2532	rVB	321254	622080	12.59%	0.919%
100	17.392	2598	2602	2614	rVB	247024	540938	10.95%	0.799%

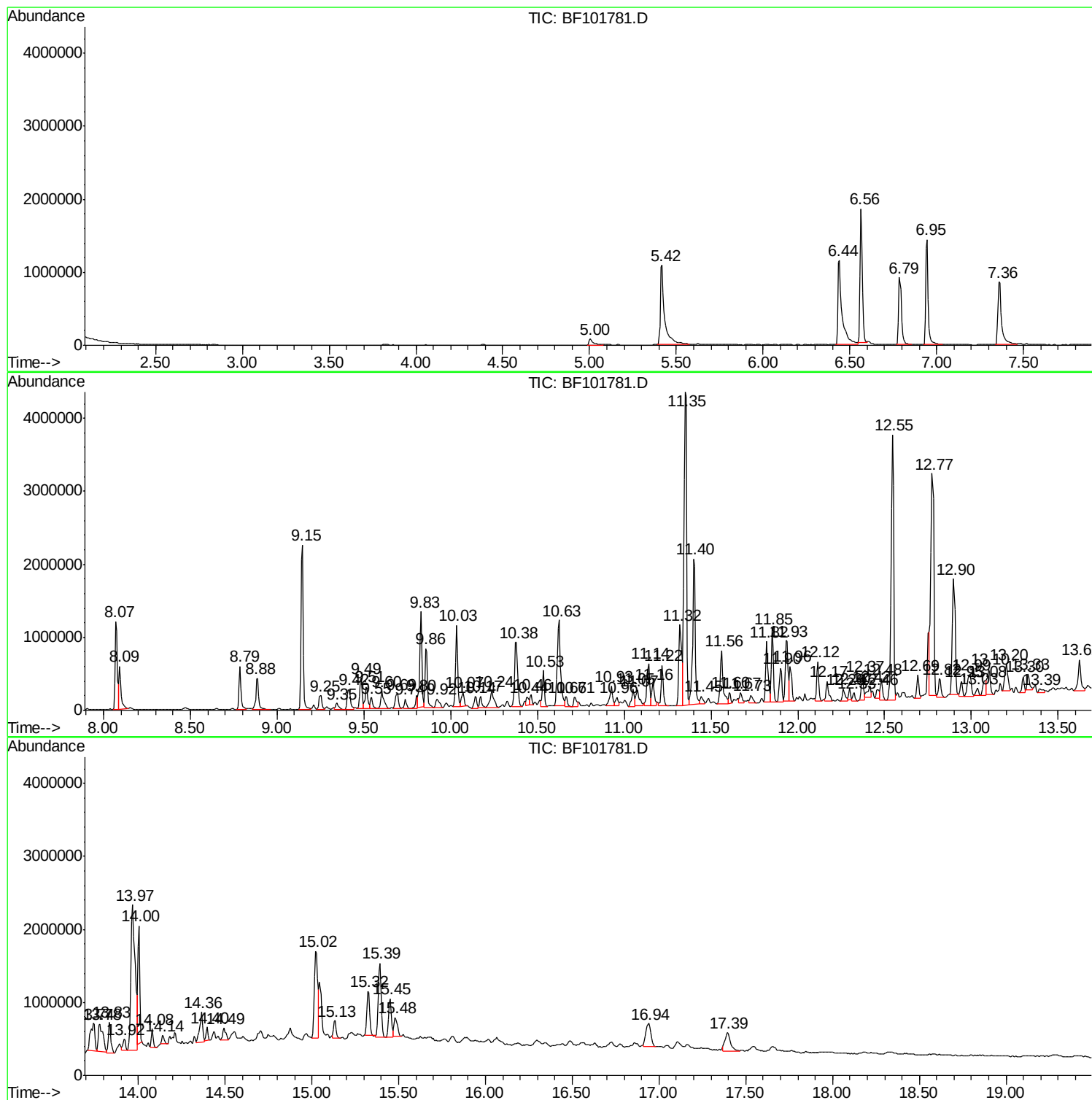
Sum of corrected areas: 67683904

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

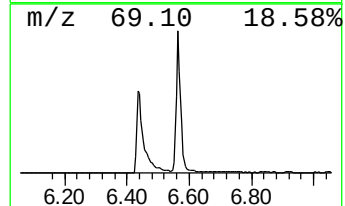
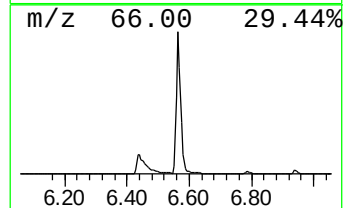
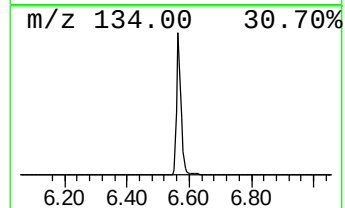
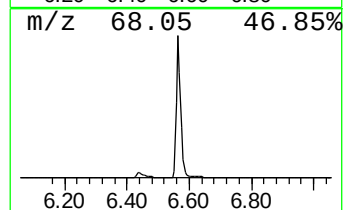
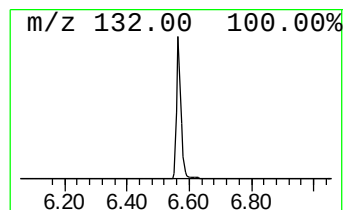
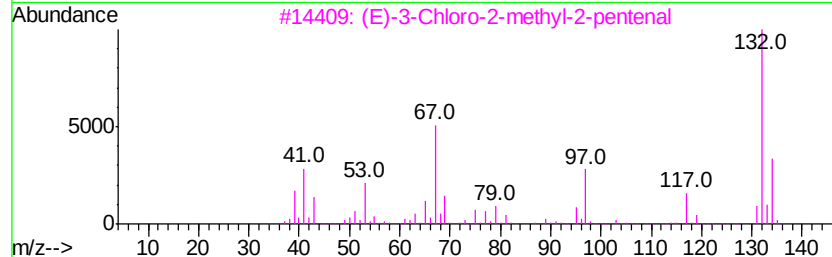
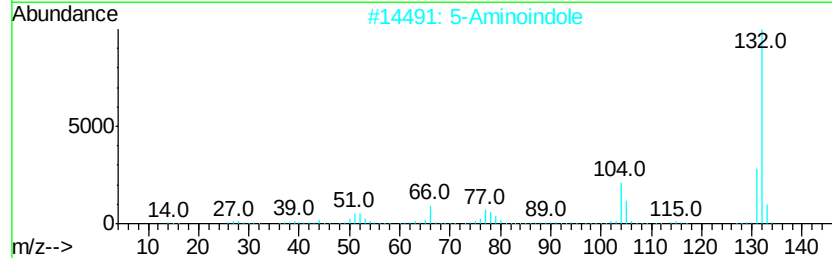
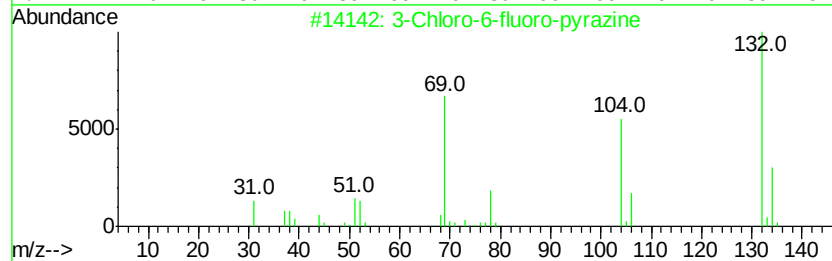
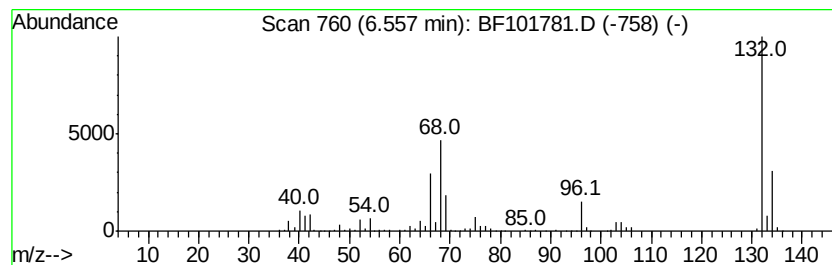
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	40.28 ng	1859880	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

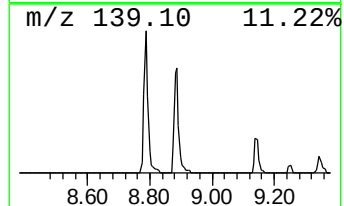
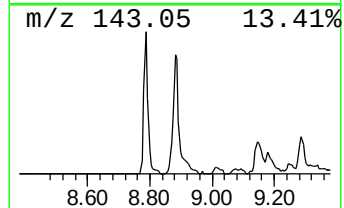
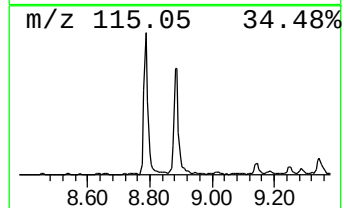
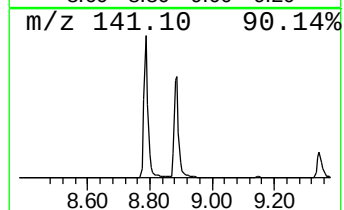
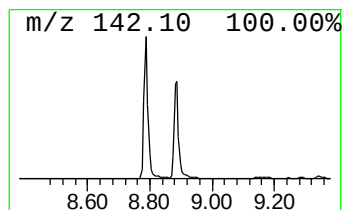
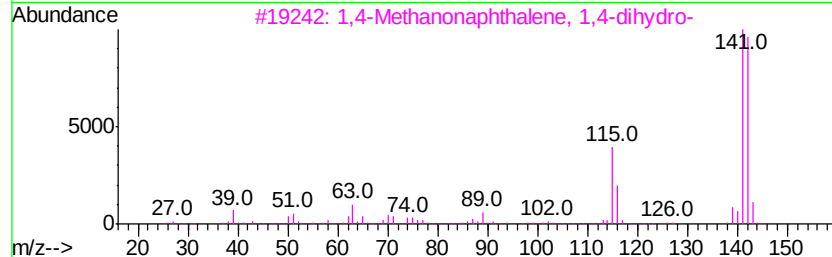
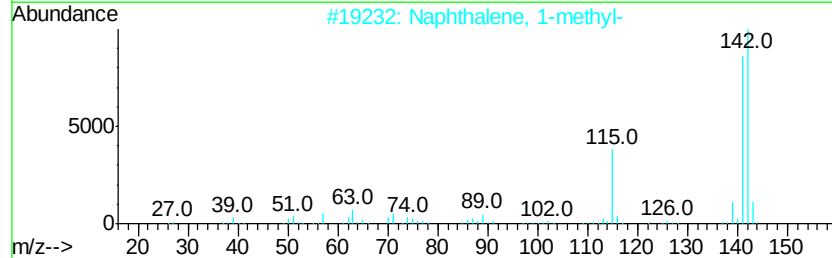
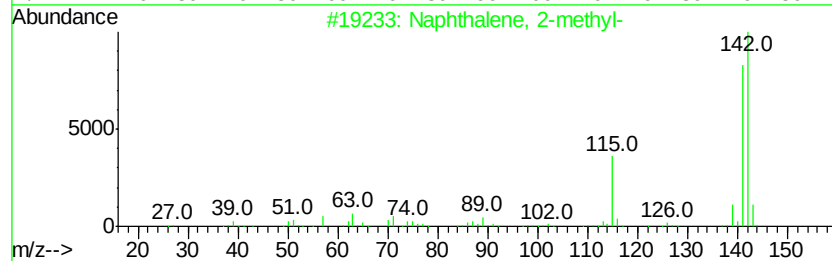
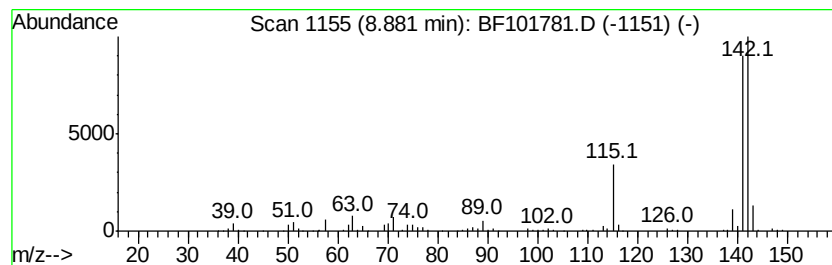
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

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 3 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	8.00 ng	481131	Naphthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 94
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

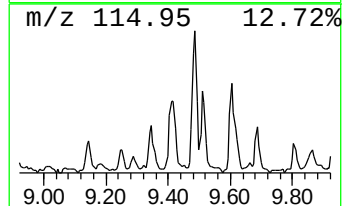
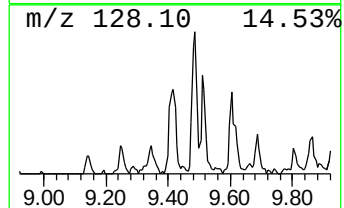
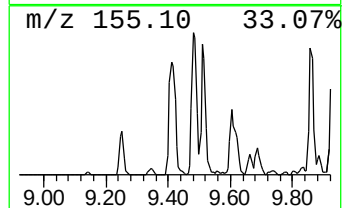
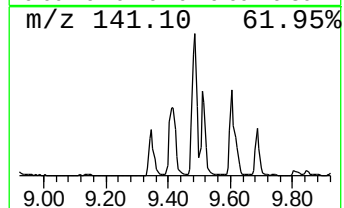
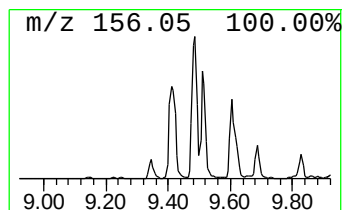
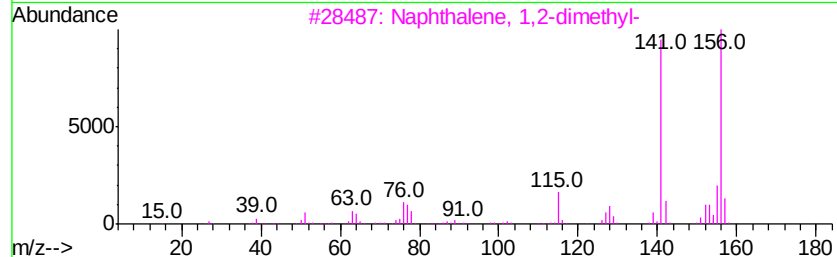
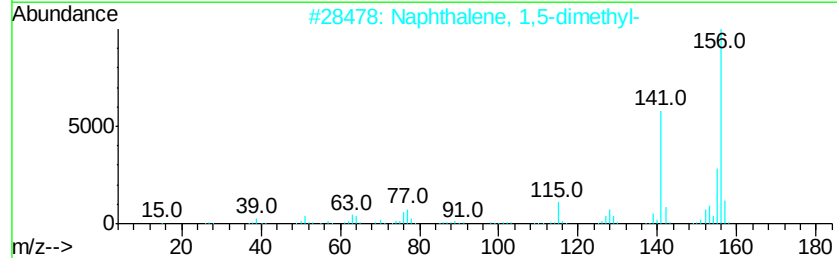
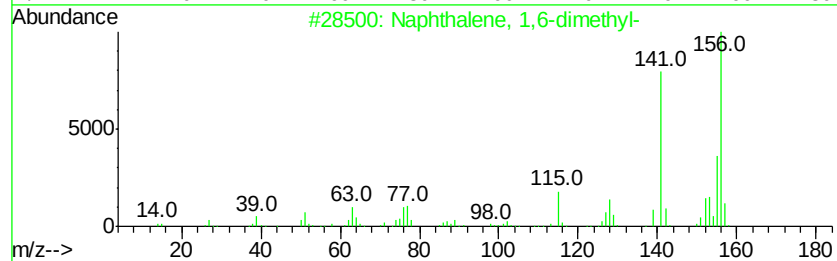
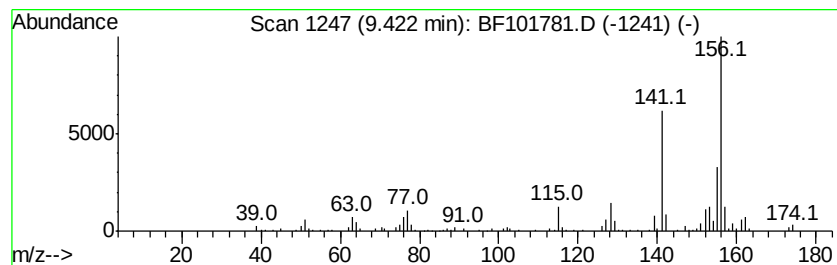
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	6.67 ng	394626	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

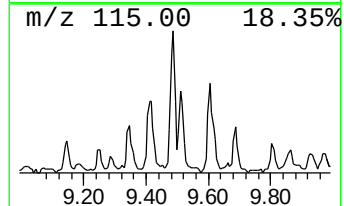
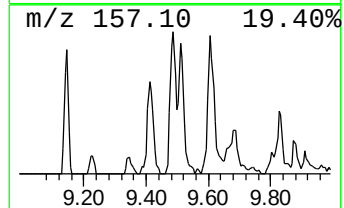
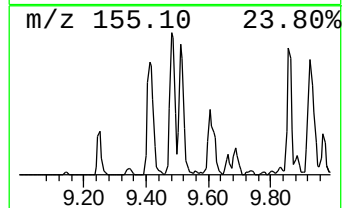
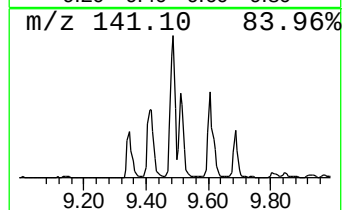
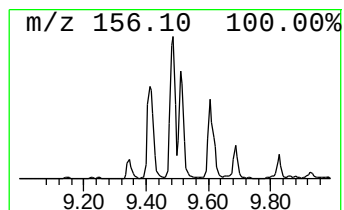
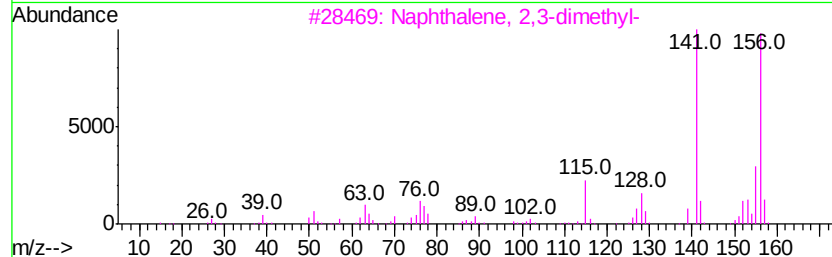
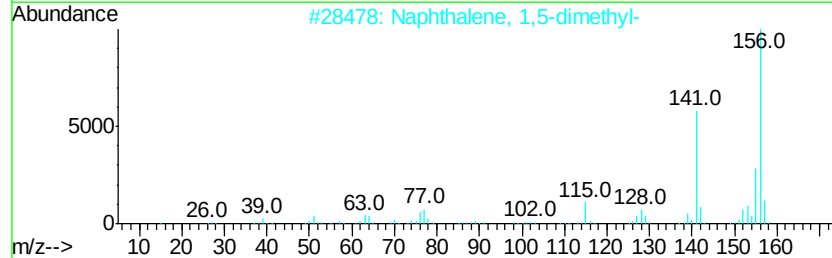
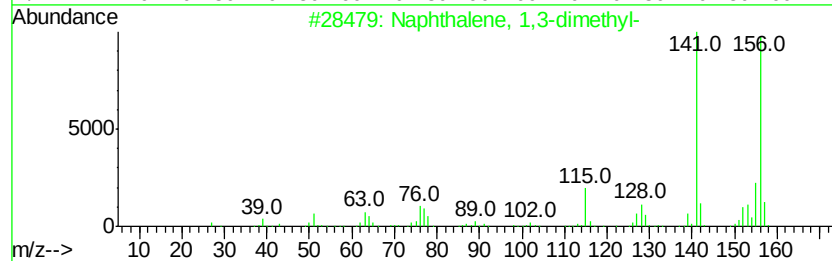
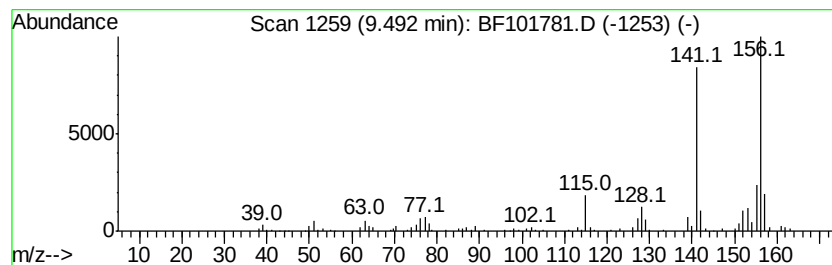
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	7.68 ng	454178	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

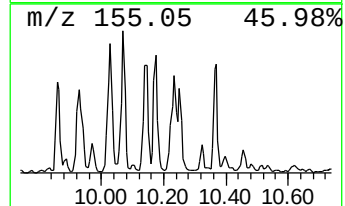
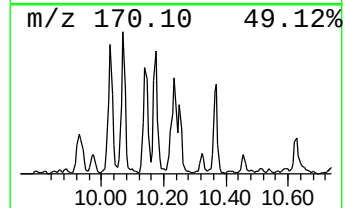
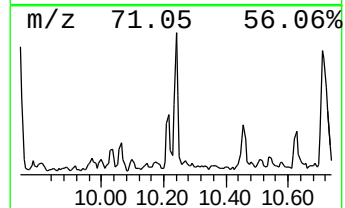
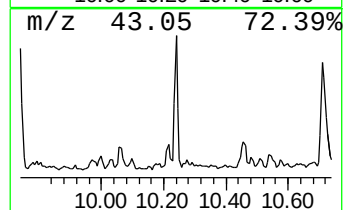
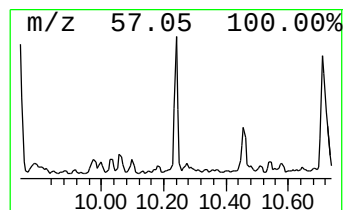
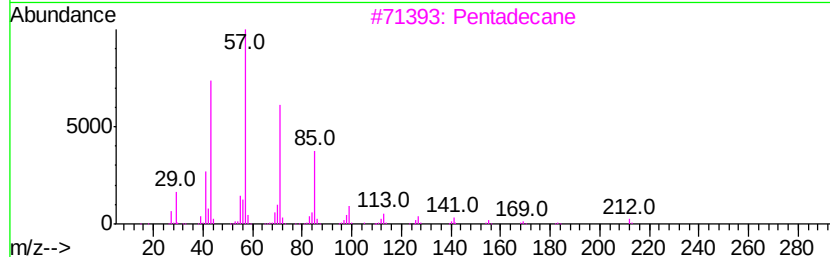
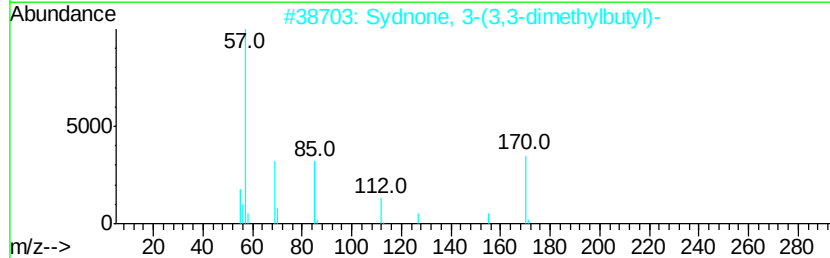
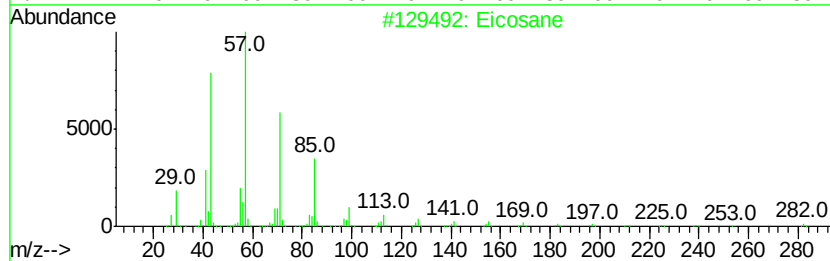
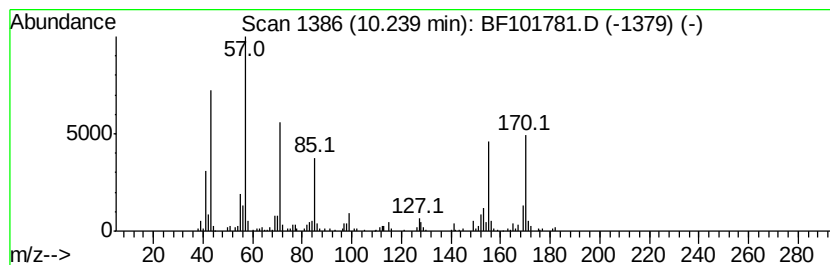
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.24 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	5.73 ng	338875	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	38
2		Sydnone, 3-(3,3-dimethylbutyl)-	170	C8H14N2O2	026537-49-5	38
3		Pentadecane	212	C15H32	000629-62-9	38
4		Heptadecane	240	C17H36	000629-78-7	38
5		Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

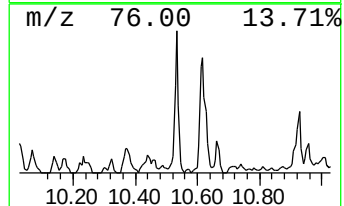
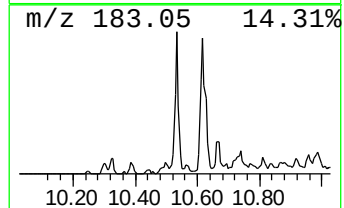
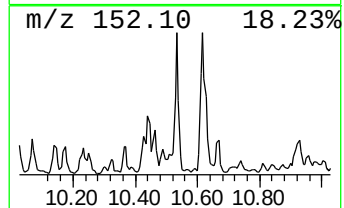
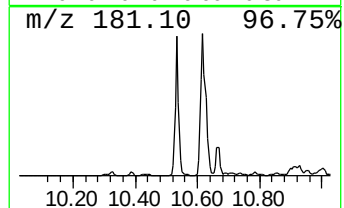
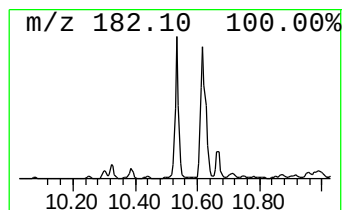
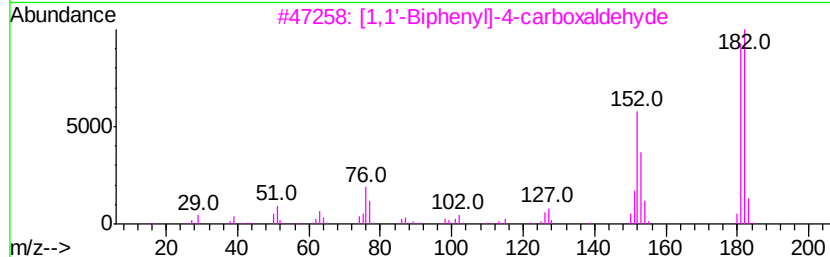
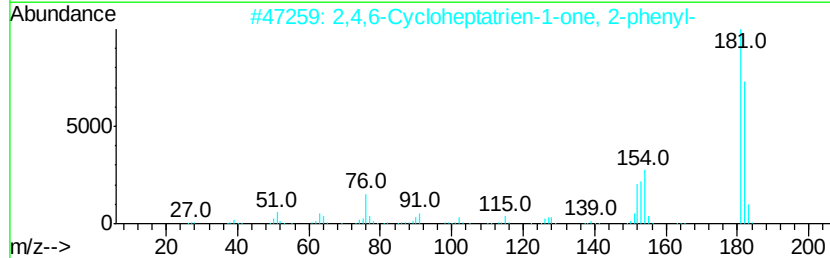
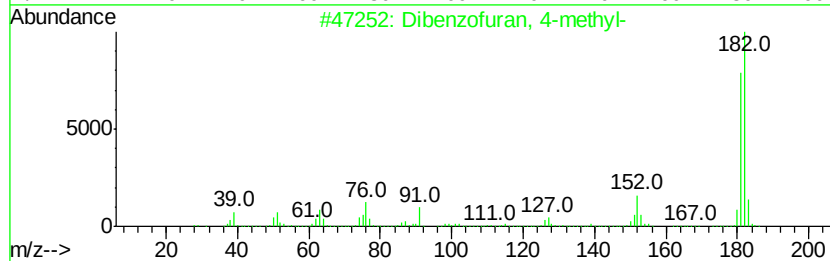
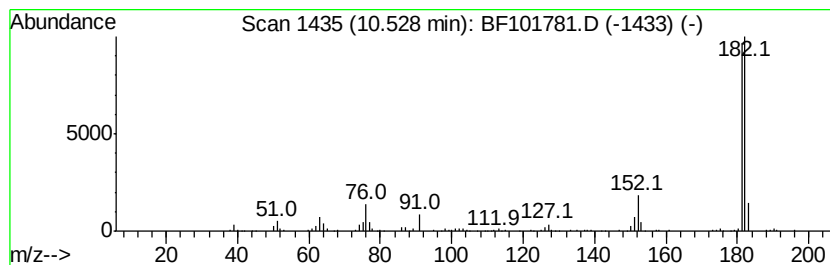
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

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 7 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	6.99 ng	413507	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 91
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5 86
3		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 83
4		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 83
5		6H-Dibenzo[b,d]-pyran	182 C13H10O	000229-95-8 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

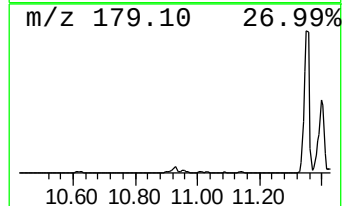
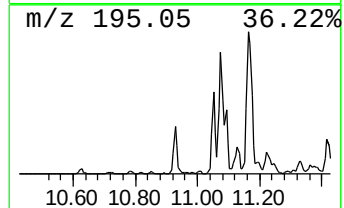
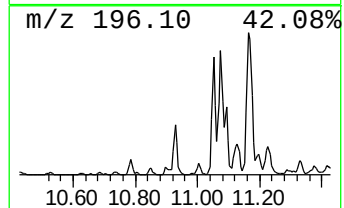
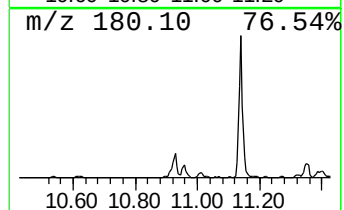
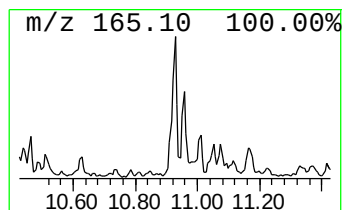
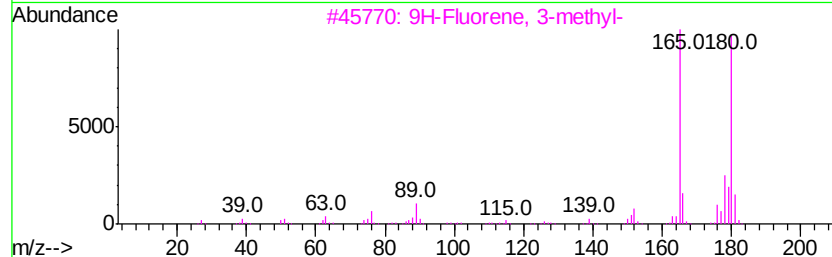
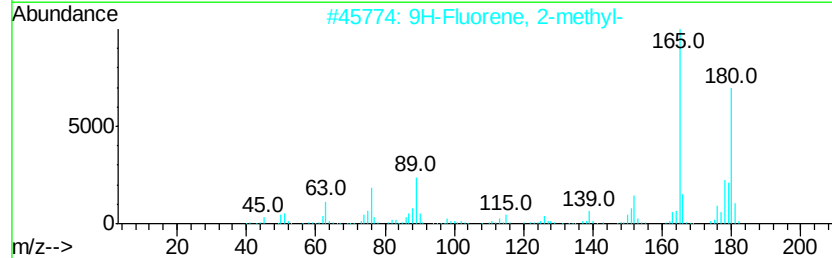
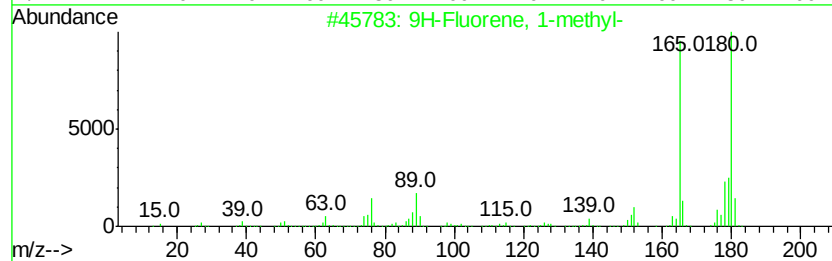
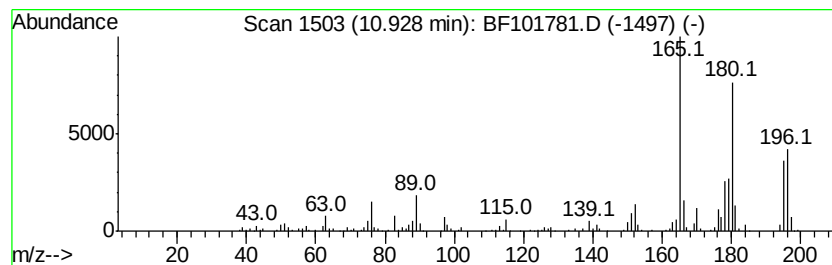
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	5.54 ng	318284	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

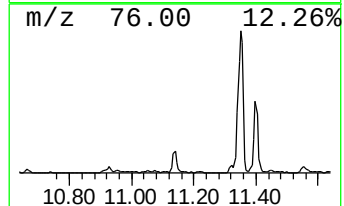
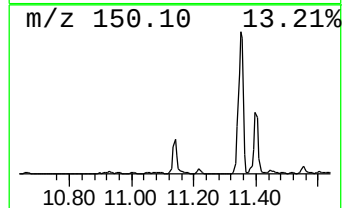
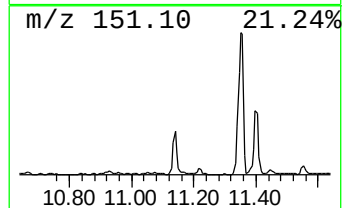
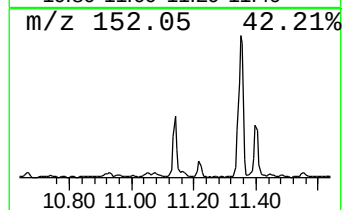
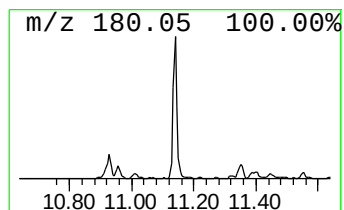
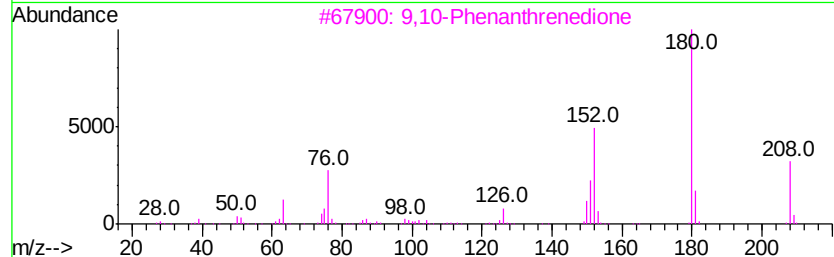
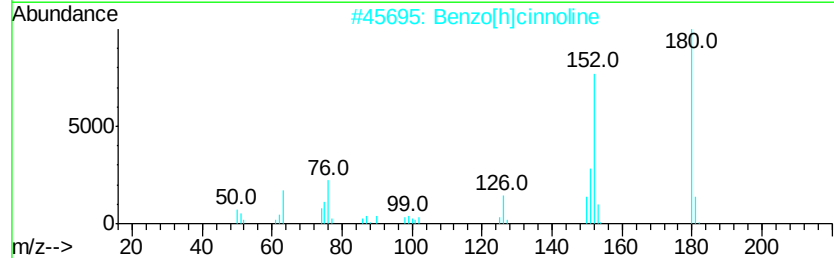
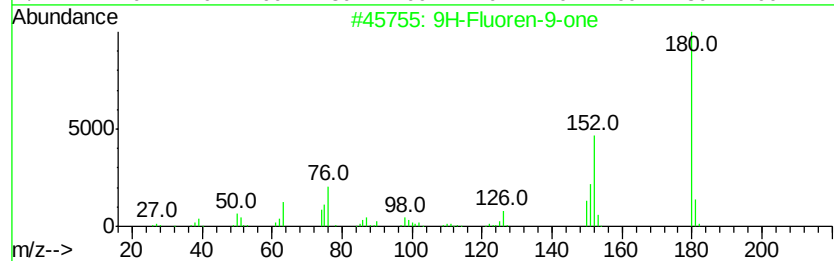
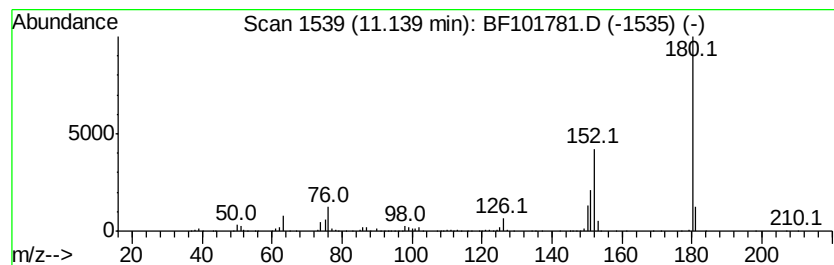
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

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 9 9H-Fluoren-9-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.14	9.65 ng	554798	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

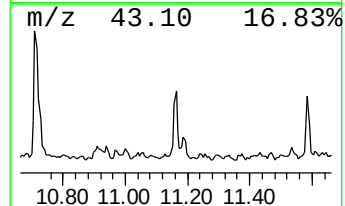
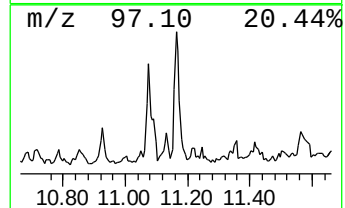
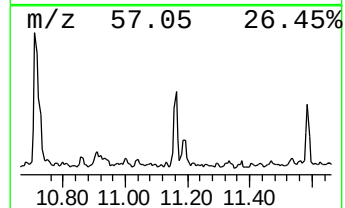
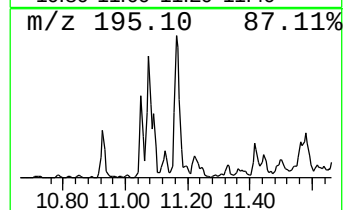
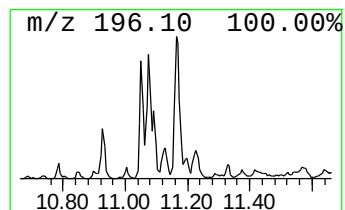
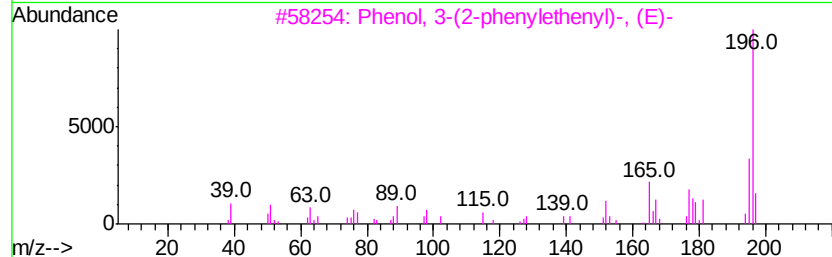
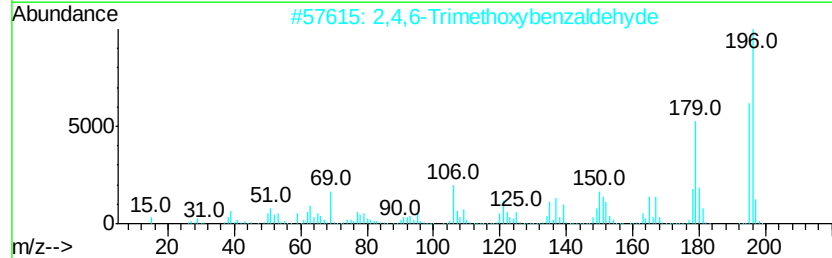
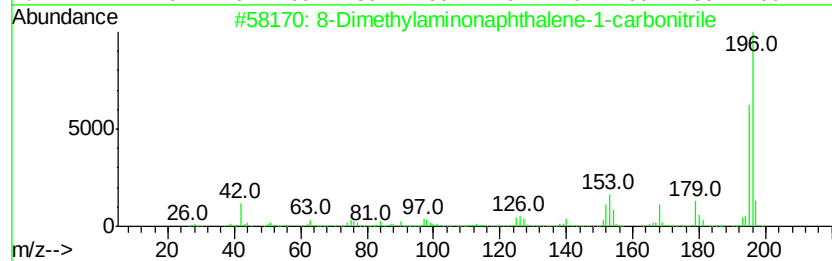
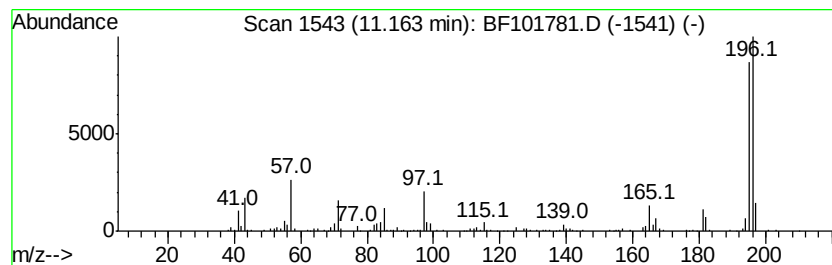
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 8-Dimethylaminonaphthalene-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	6.15 ng	353586	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	59
2			2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	50
3			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	47
4			Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	45
5			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

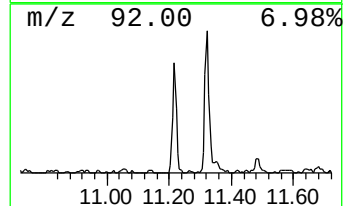
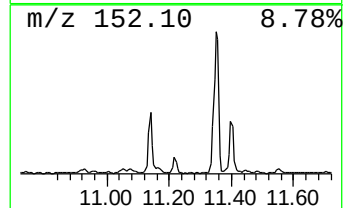
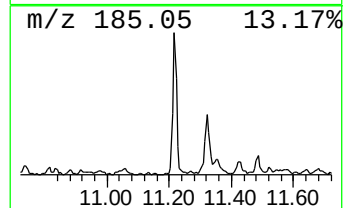
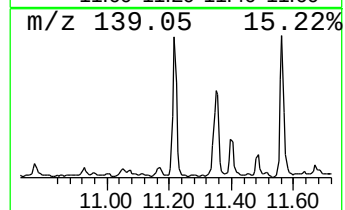
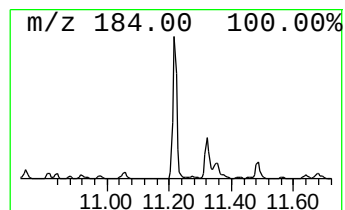
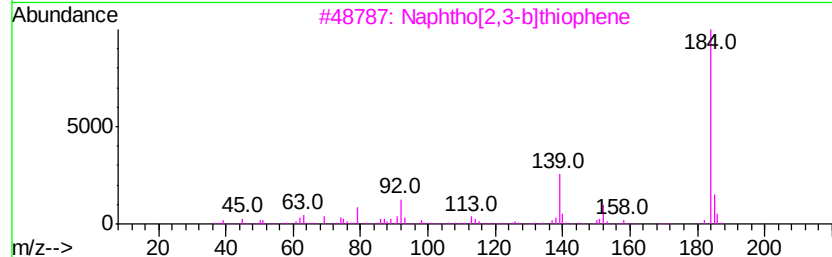
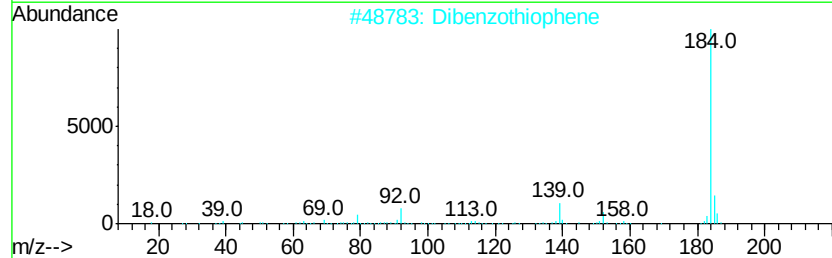
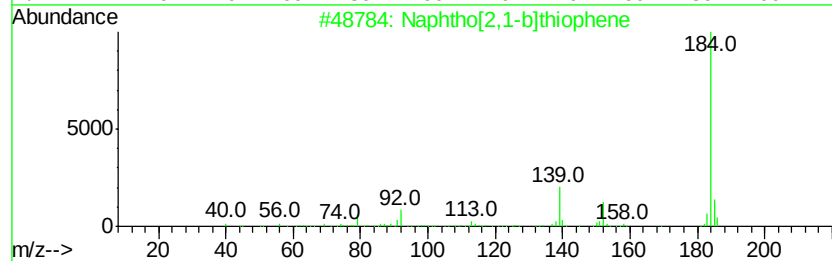
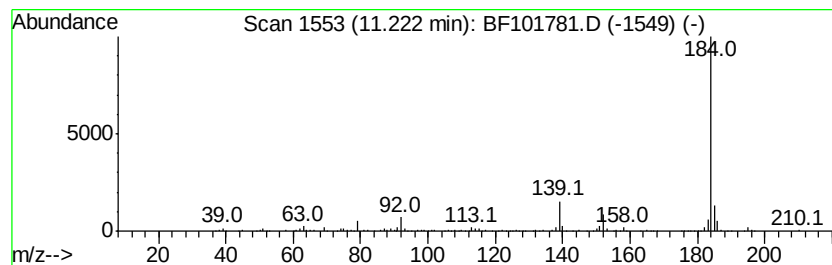
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

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 11 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.22	9.14 ng	525577	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

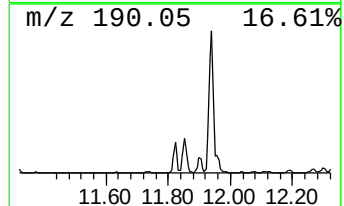
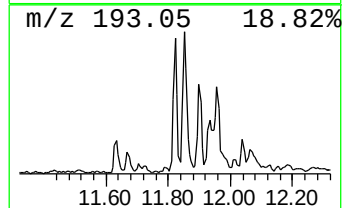
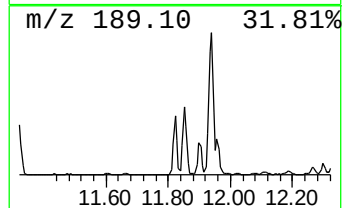
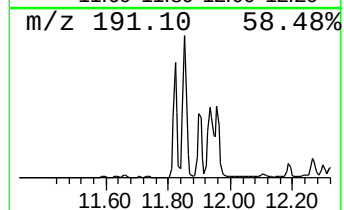
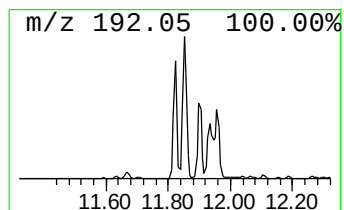
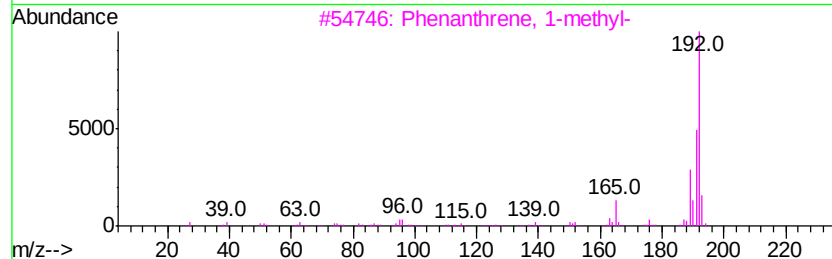
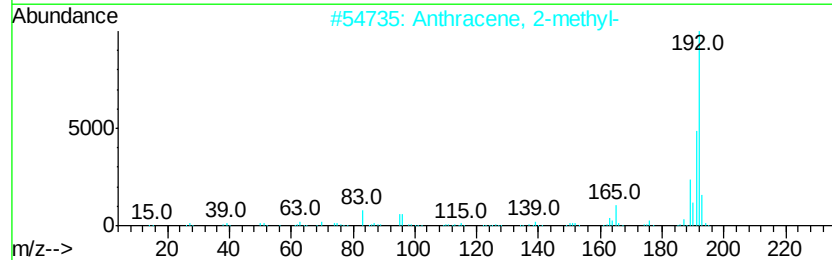
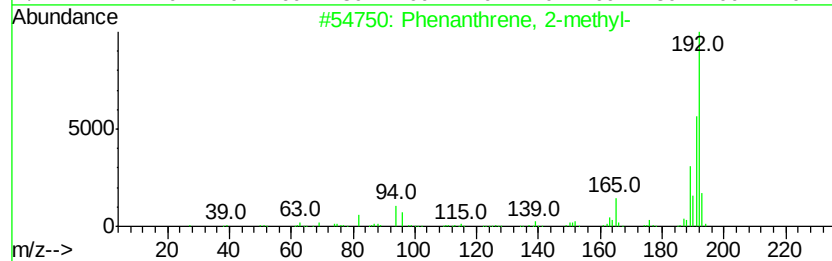
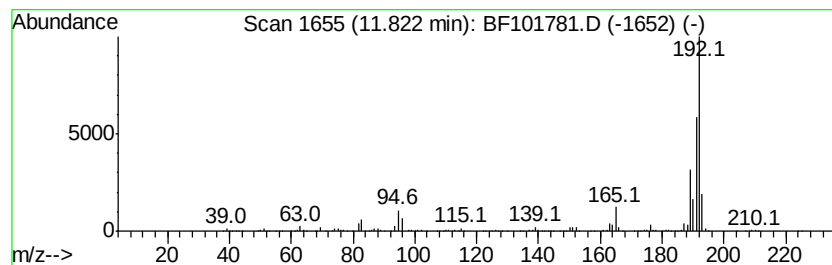
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	13.01 ng	748149	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

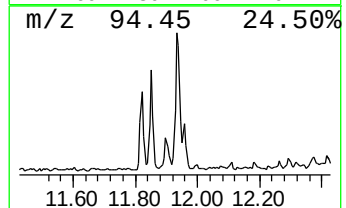
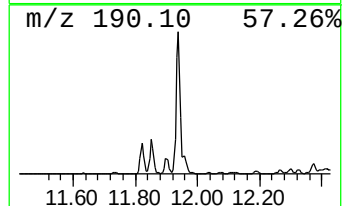
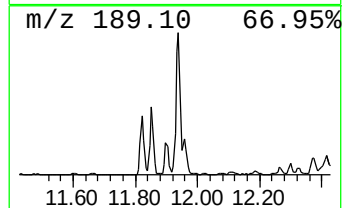
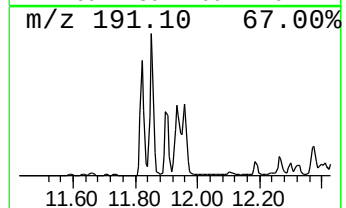
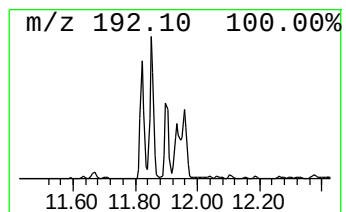
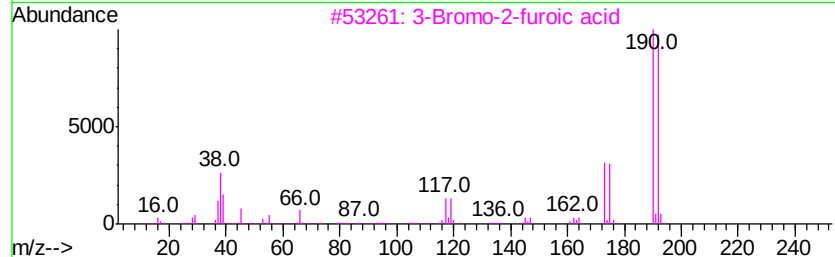
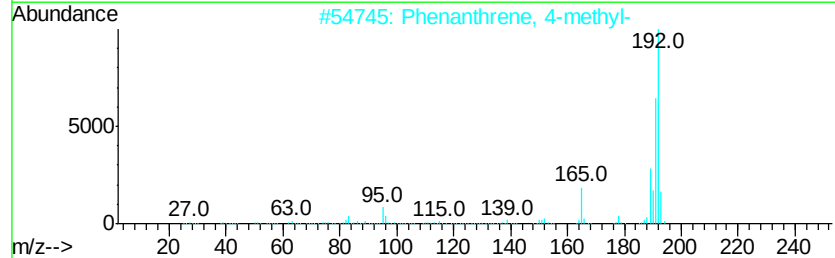
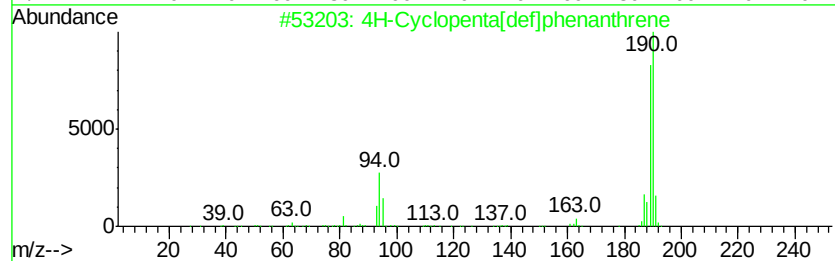
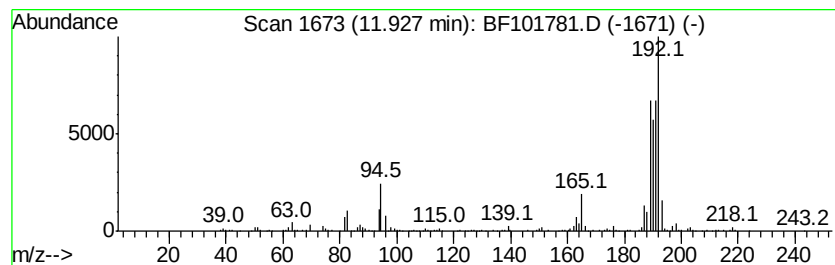
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	17.33 ng	996476	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

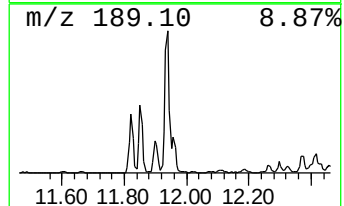
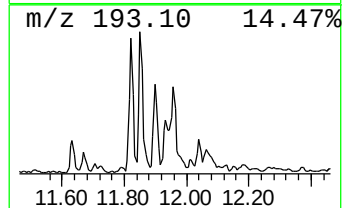
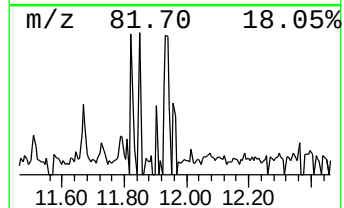
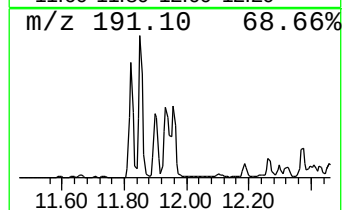
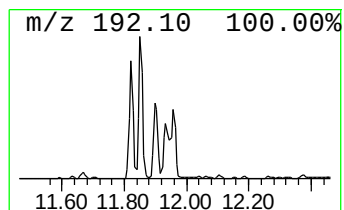
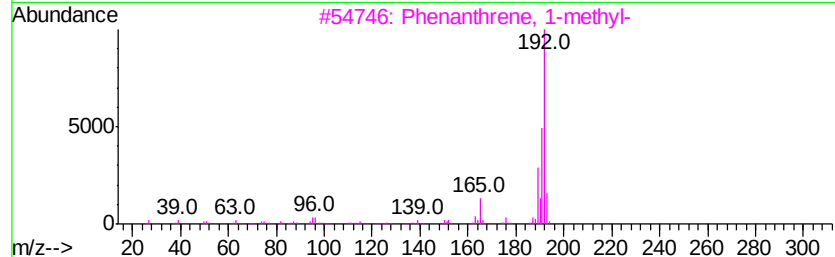
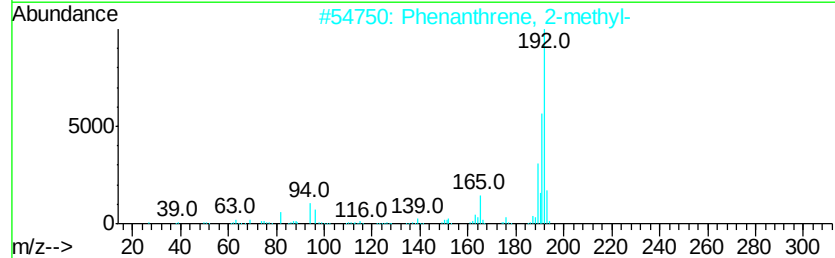
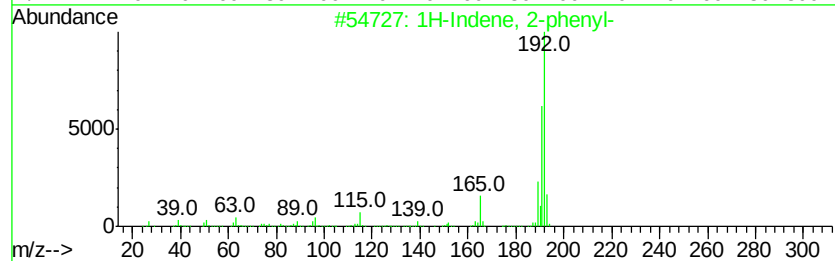
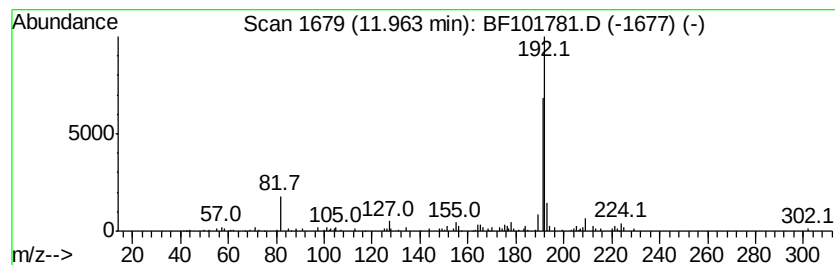
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.42 ng	311416	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

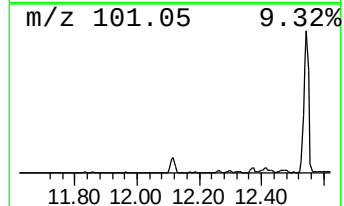
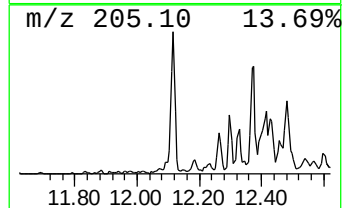
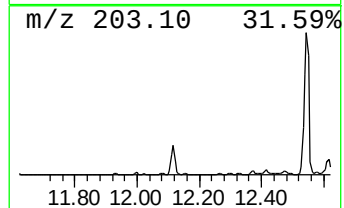
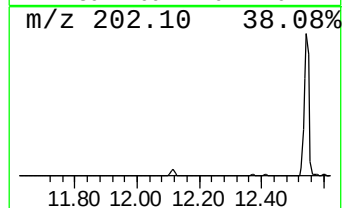
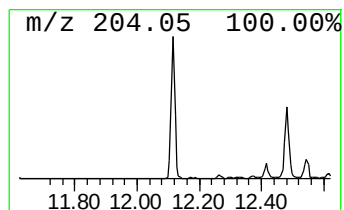
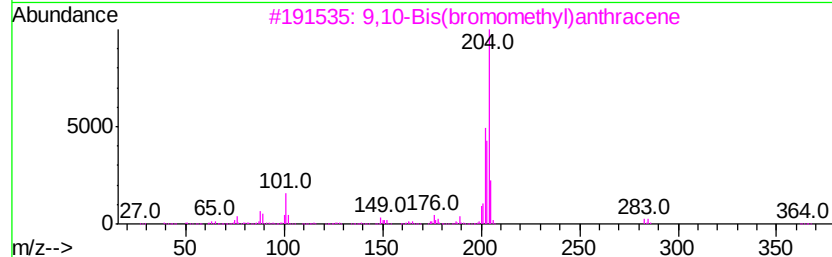
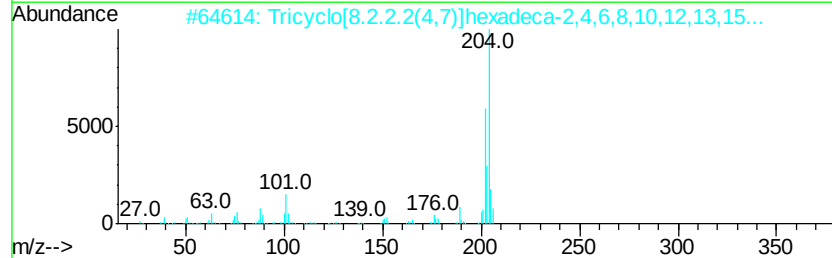
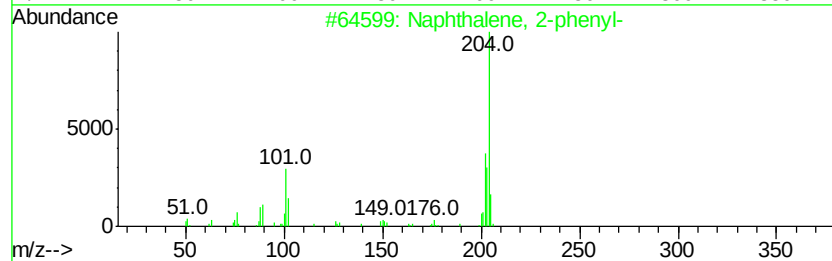
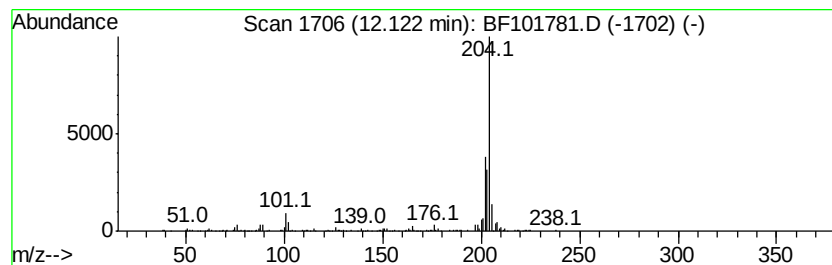
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	8.17 ng	469821	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
4		Levamisole	204	C11H12N2S	014769-73-4	49
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

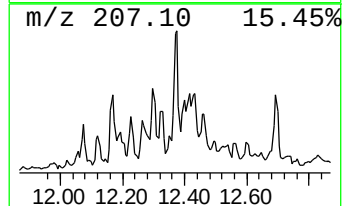
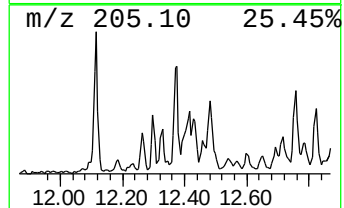
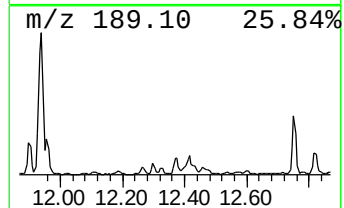
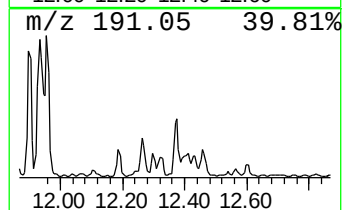
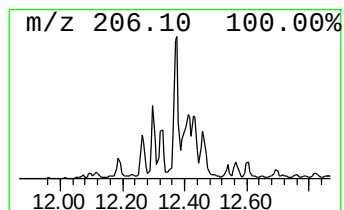
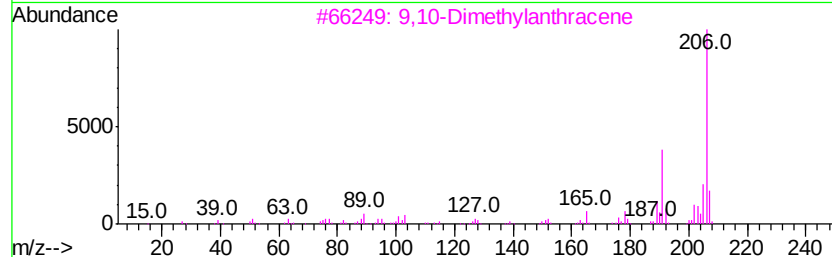
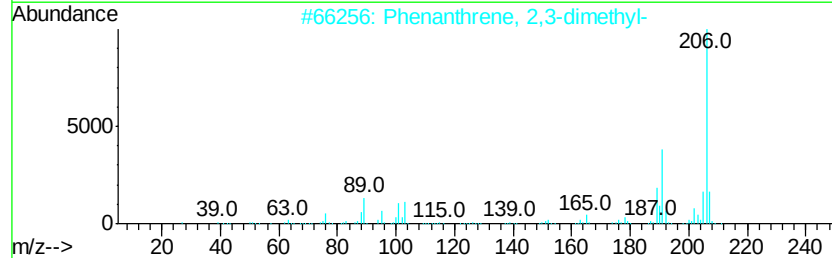
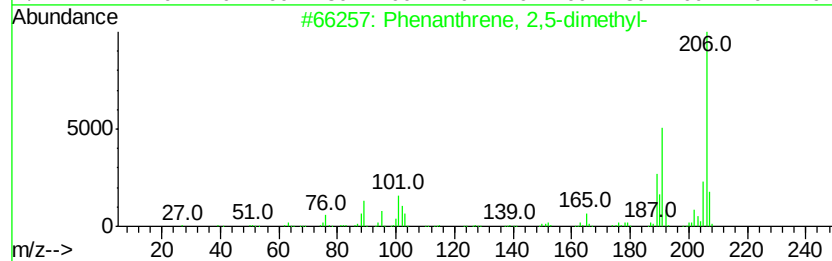
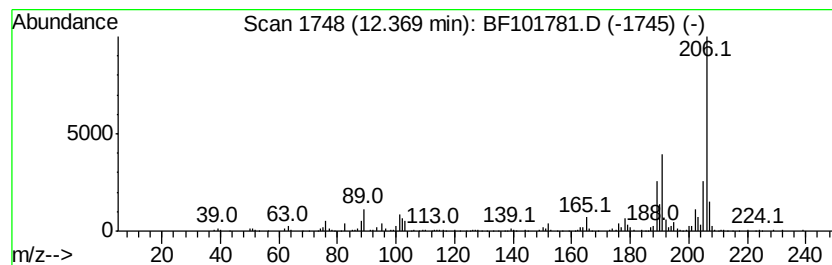
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.28 ng	361168	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101781.D
Acq On : 27 Dec 2017 23:42
Operator : SJ/JU
Sample : I7064-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5

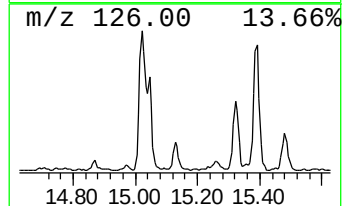
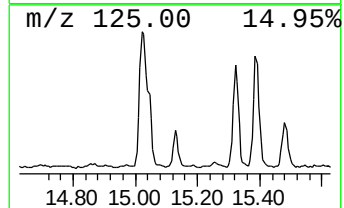
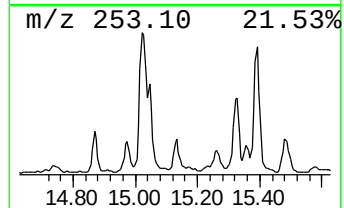
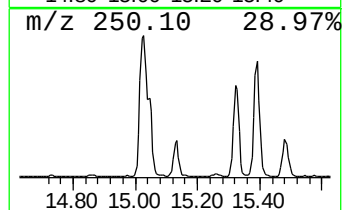
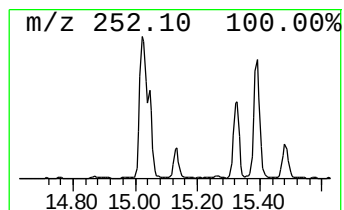
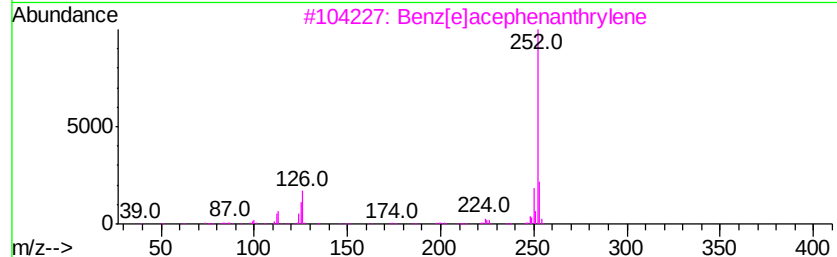
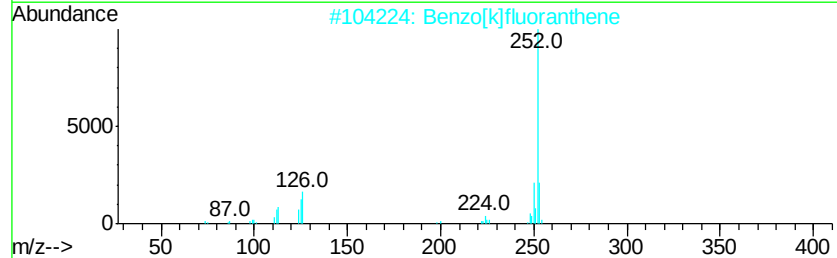
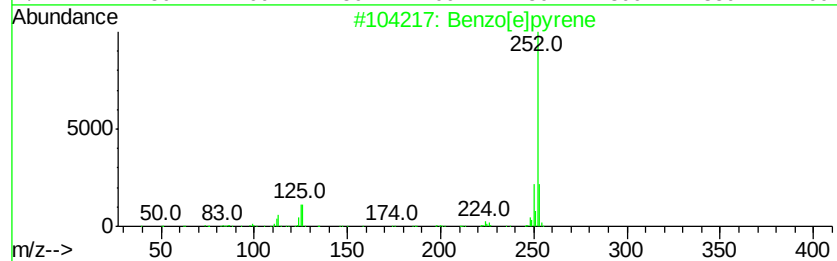
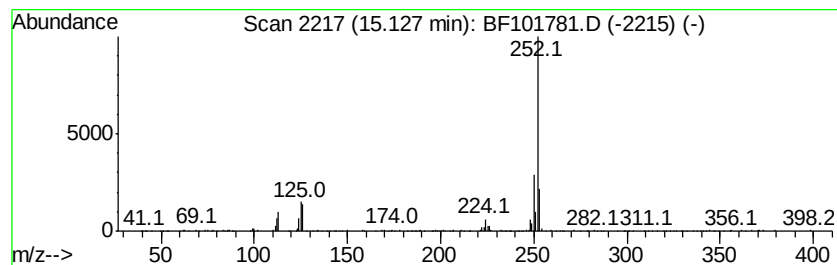
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	8.67 ng	282348	Perylene-d12	15.45

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122717\
 Data File : BF101781.D
 Acq On : 27 Dec 2017 23:42
 Operator : SJ/JU
 Sample : I7064-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-5

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
unknown6.56	6.56	40.3	ng	1859880	1	6.79	923561	20.0
Naphthalene, 1-me...	8.88	8.0	ng	481131	2	8.07	1202500	20.0
Naphthalene, 1,6-...	9.42	6.7	ng	394626	3	9.83	1182460	20.0
Naphthalene, 1,3-...	9.49	7.7	ng	454178	3	9.83	1182460	20.0
unknown10.24	10.24	5.7	ng	338875	3	9.83	1182460	20.0
Dibenzofuran, 4-m...	10.53	7.0	ng	413507	3	9.83	1182460	20.0
9H-Fluorene, 1-me...	10.93	5.5	ng	318284	4	11.32	1149680	20.0
9H-Fluoren-9-one	11.14	9.7	ng	554798	4	11.32	1149680	20.0
8-Dimethylaminona...	11.16	6.2	ng	353586	4	11.32	1149680	20.0
Naphtho[2,1-b]thi...	11.22	9.1	ng	525577	4	11.32	1149680	20.0
Phenanthrene, 2-m...	11.82	13.0	ng	748149	4	11.32	1149680	20.0
4H-Cyclopenta[def...	11.93	17.3	ng	996476	4	11.32	1149680	20.0
1H-Indene, 2-phenyl-	11.96	5.4	ng	311416	4	11.32	1149680	20.0
Naphthalene, 2-ph...	12.12	8.2	ng	469821	4	11.32	1149680	20.0
Phenanthrene, 2,5...	12.37	6.3	ng	361168	4	11.32	1149680	20.0
Benzo[e]pyrene	15.13	8.7	ng	282348	6	15.45	651068	20.0