

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112518.D
 Acq On : 12 Feb 2019 20:27
 Operator : JU/SJ
 Sample : K1343-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	5.469	572	575	593	rBV	1149266	1278426	13.20%	1.521%
2	6.487	744	748	766	rBV	1176603	1420575	14.67%	1.690%
3	6.610	766	769	775	rVV	1634978	1426283	14.73%	1.697%
4	6.834	804	807	815	rBV	729886	610944	6.31%	0.727%
5	6.992	830	834	844	rBV	1288289	1131455	11.68%	1.346%
6	7.398	900	903	906	rBV	834325	751612	7.76%	0.894%
7	7.428	906	908	912	rVB	127397	107771	1.11%	0.128%
8	8.098	1019	1022	1023	rBV	221680	217267	2.24%	0.258%
9	8.116	1023	1025	1027	rVV	838049	662055	6.84%	0.788%
10	8.139	1027	1029	1032	rVB	189066	156026	1.61%	0.186%
11	8.404	1070	1074	1079	rBV5	83863	105268	1.09%	0.125%
12	8.616	1107	1110	1113	rBV2	124632	119578	1.23%	0.142%
13	8.704	1122	1125	1129	rBV	455364	367963	3.80%	0.438%
14	8.833	1144	1147	1150	rVB	162435	145985	1.51%	0.174%
15	8.933	1160	1164	1167	rBV2	223459	264490	2.73%	0.315%
16	9.069	1183	1187	1191	rBV2	102243	138324	1.43%	0.165%
17	9.133	1195	1198	1200	rVV2	174436	134913	1.39%	0.160%
18	9.186	1204	1207	1212	rBV	1637274	1522491	15.72%	1.811%
19	9.269	1217	1221	1224	rBV	652610	552904	5.71%	0.658%
20	9.339	1231	1233	1236	rVB	112406	103578	1.07%	0.123%
21	9.457	1249	1253	1258	rVB3	197743	253486	2.62%	0.302%
22	9.527	1262	1265	1268	rVV2	254146	324496	3.35%	0.386%
23	9.586	1272	1275	1278	rVV3	317524	396784	4.10%	0.472%
24	9.651	1283	1286	1291	rBV2	201310	203585	2.10%	0.242%
25	9.733	1297	1300	1304	rBV	496665	460485	4.75%	0.548%
26	9.798	1308	1311	1314	rVV	754479	572599	5.91%	0.681%
27	9.875	1315	1324	1327	rVV	833966	864824	8.93%	1.029%
28	9.904	1327	1329	1333	rVB	221592	178543	1.84%	0.212%
29	10.027	1346	1350	1353	rBV3	108873	177510	1.83%	0.211%
30	10.080	1356	1359	1362	rVB	549923	506511	5.23%	0.603%
31	10.116	1362	1365	1369	rBV3	235852	255238	2.64%	0.304%
32	10.192	1374	1378	1381	rBV3	127521	183111	1.89%	0.218%
33	10.298	1390	1396	1399	rBV	811197	763963	7.89%	0.909%
34	10.422	1411	1417	1424	rBV2	279315	429887	4.44%	0.511%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112518.D
 Acq On : 12 Feb 2019 20:27
 Operator : JU/SJ
 Sample : K1343-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.516	1429	1433	1439	rVB	250565	361625	3.73%	0.430%
36	10.580	1439	1444	1446	rBV	213929	234632	2.42%	0.279%
37	10.669	1455	1459	1464	rBV	926562	946127	9.77%	1.126%
38	10.769	1473	1476	1485	rVB	734232	876054	9.04%	1.042%
39	10.969	1506	1510	1513	rBV4	99789	173316	1.79%	0.206%
40	10.998	1513	1515	1518	rVB2	127890	107969	1.11%	0.128%
41	11.098	1527	1532	1534	rBV4	160105	208156	2.15%	0.248%
42	11.174	1542	1545	1549	rVV	336652	278140	2.87%	0.331%
43	11.216	1549	1552	1555	rVV2	674061	618669	6.39%	0.736%
44	11.257	1555	1559	1564	rVB2	372313	539984	5.57%	0.642%
45	11.363	1574	1577	1579	rBV	656043	693292	7.16%	0.825%
46	11.392	1579	1582	1586	rVV	4170842	4268255	44.07%	5.077%
47	11.439	1587	1590	1593	rVB	574543	477466	4.93%	0.568%
48	11.598	1613	1617	1622	rBV	277820	342766	3.54%	0.408%
49	11.645	1622	1625	1628	rVV2	580747	575816	5.94%	0.685%
50	11.704	1632	1635	1638	rVB4	112487	132087	1.36%	0.157%
51	11.745	1638	1642	1645	rBV	3808057	3198060	33.02%	3.804%
52	11.868	1659	1663	1664	rBV	405741	386565	3.99%	0.460%
53	11.892	1664	1667	1672	rVB	659460	774053	7.99%	0.921%
54	11.945	1672	1676	1678	rBV2	173241	191235	1.97%	0.227%
55	11.980	1678	1682	1684	rVV2	420937	451846	4.67%	0.538%
56	12.004	1684	1686	1689	rVB	244790	194583	2.01%	0.231%
57	12.051	1690	1694	1697	rBV	455677	411443	4.25%	0.489%
58	12.157	1709	1712	1715	rBV	363071	308493	3.18%	0.367%
59	12.198	1716	1719	1723	rVV	623112	545803	5.64%	0.649%
60	12.439	1753	1760	1762	rBV	7250228	9208645	95.07%	10.955%
61	12.468	1762	1765	1770	rVV	8839154	9685847	100.00%	11.522%
62	12.516	1770	1773	1774	rVV2	373207	402224	4.15%	0.478%
63	12.539	1774	1777	1780	rVB	1694267	1382490	14.27%	1.645%
64	12.592	1781	1786	1789	rBV	4783483	5360453	55.34%	6.377%
65	12.627	1789	1792	1794	rVV2	173999	199421	2.06%	0.237%
66	12.680	1798	1801	1804	rVB	346740	325395	3.36%	0.387%
67	12.733	1807	1810	1813	rVB2	274653	267077	2.76%	0.318%
68	12.774	1813	1817	1819	rBV3	405291	374299	3.86%	0.445%
69	12.821	1819	1825	1828	rBV2	3985676	4829762	49.86%	5.745%
70	12.868	1830	1833	1837	rVB2	222816	215687	2.23%	0.257%
71	12.945	1841	1846	1849	rBV2	1660940	1597099	16.49%	1.900%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112518.D
 Acq On : 12 Feb 2019 20:27
 Operator : JU/SJ
 Sample : K1343-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.980	1849	1852	1856	rVB	229664	241742	2.50%	0.288%
73	13.033	1856	1861	1865	rBV3	282123	573381	5.92%	0.682%
74	13.092	1869	1871	1873	rBV2	262505	247460	2.55%	0.294%
75	13.121	1873	1876	1877	rBV3	216891	240196	2.48%	0.286%
76	13.168	1881	1884	1885	rBV2	270148	220299	2.27%	0.262%
77	13.251	1893	1898	1904	rBV3	371901	725596	7.49%	0.863%
78	13.339	1911	1913	1915	rVB	180597	127659	1.32%	0.152%
79	13.368	1915	1918	1922	rBV2	306288	320834	3.31%	0.382%
80	13.510	1939	1942	1945	rBV3	262890	228625	2.36%	0.272%
81	13.657	1964	1967	1970	rBV	475945	416173	4.30%	0.495%
82	13.762	1982	1985	1987	rBV	343130	317957	3.28%	0.378%
83	13.786	1987	1989	1992	rVB	328446	248088	2.56%	0.295%
84	13.815	1992	1994	1995	rBV	297428	246802	2.55%	0.294%
85	13.833	1995	1997	2000	rVB3	400194	389303	4.02%	0.463%
86	13.868	2000	2003	2009	rVB	386942	376546	3.89%	0.448%
87	13.927	2011	2013	2019	rVB2	227139	267617	2.76%	0.318%
88	14.010	2023	2027	2030	rBV2	1706098	2318647	23.94%	2.758%
89	14.045	2030	2033	2036	rVB	1725065	1489872	15.38%	1.772%
90	14.151	2049	2051	2053	rBV	241085	246055	2.54%	0.293%
91	14.457	2098	2103	2109	rBV4	392330	623685	6.44%	0.742%
92	14.762	2152	2155	2158	rVB	292051	265667	2.74%	0.316%
93	15.068	2203	2207	2210	rBV	1140346	1846238	19.06%	2.196%
94	15.174	2222	2225	2228	rBV	238071	269929	2.79%	0.321%
95	15.374	2255	2259	2264	rVB	647456	795028	8.21%	0.946%
96	15.439	2266	2270	2273	rBV	833567	1012609	10.45%	1.205%
97	15.474	2273	2276	2277	rBV	159924	155539	1.61%	0.185%
98	15.527	2283	2285	2292	rVB	252186	320153	3.31%	0.381%
99	16.998	2529	2535	2542	rVB2	488634	982799	10.15%	1.169%
100	17.450	2608	2612	2620	rVB	301597	614061	6.34%	0.730%

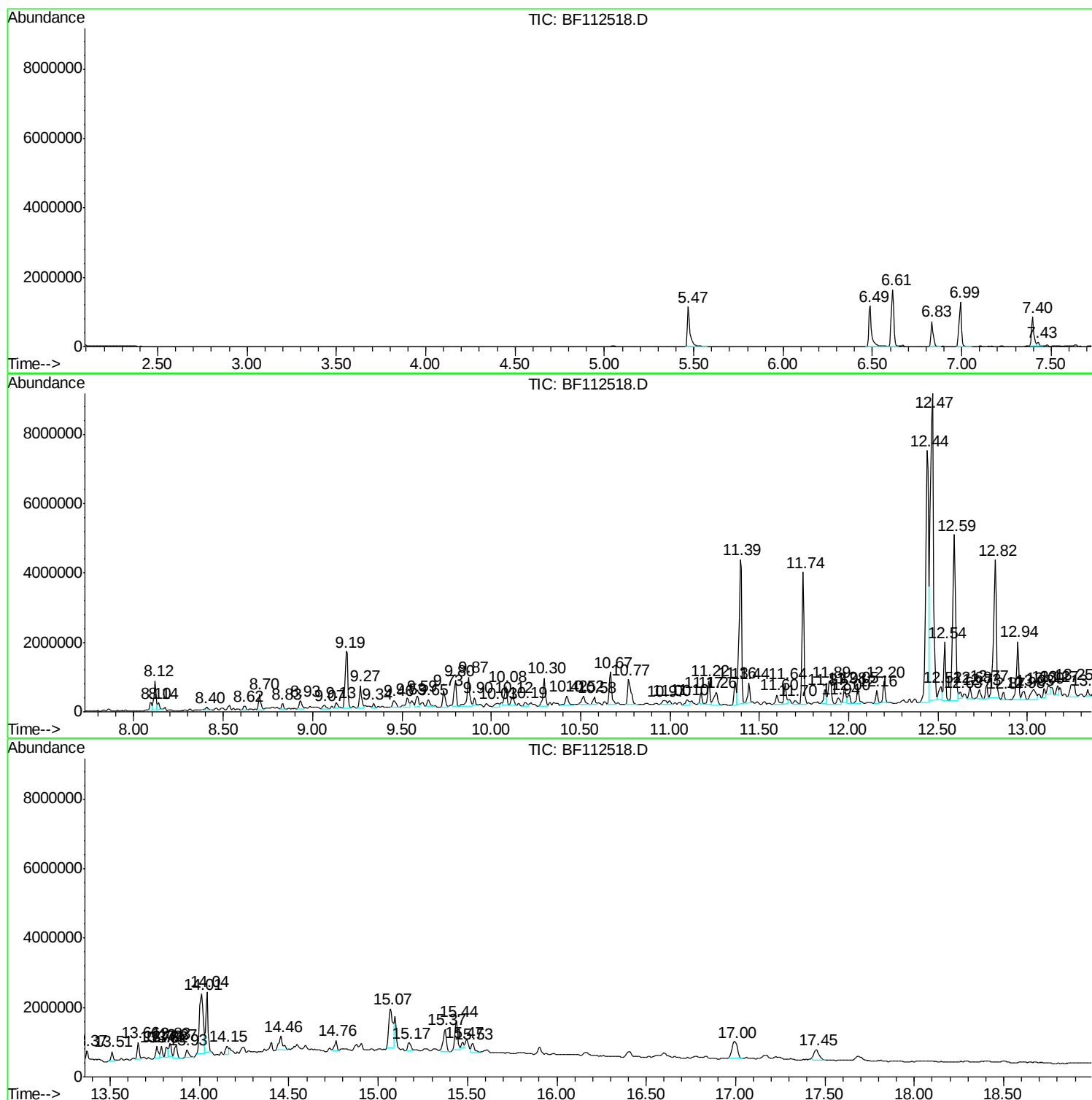
Sum of corrected areas: 84062324

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

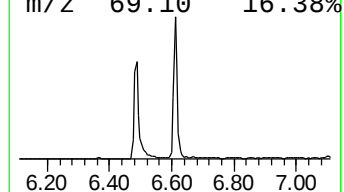
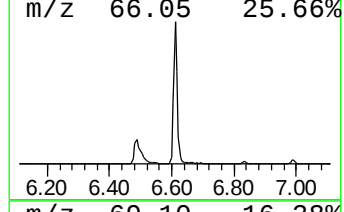
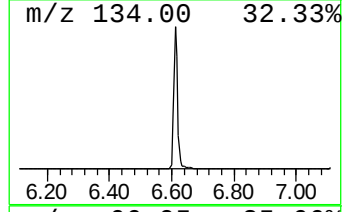
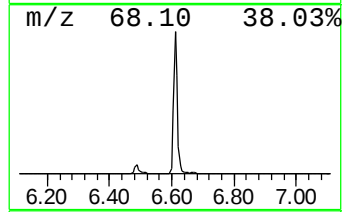
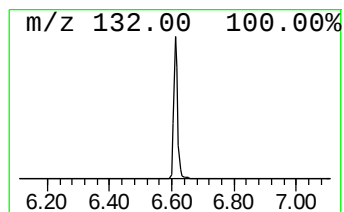
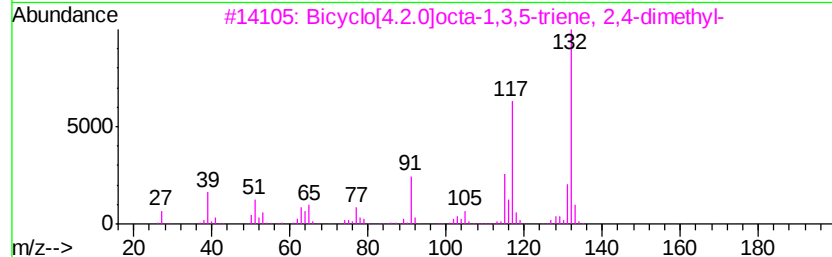
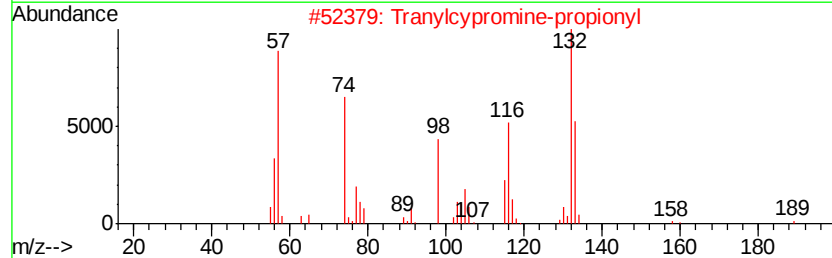
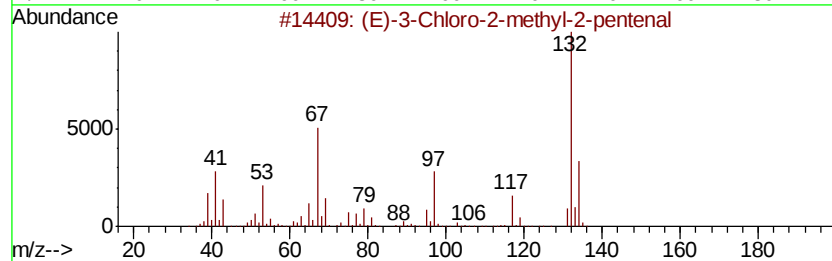
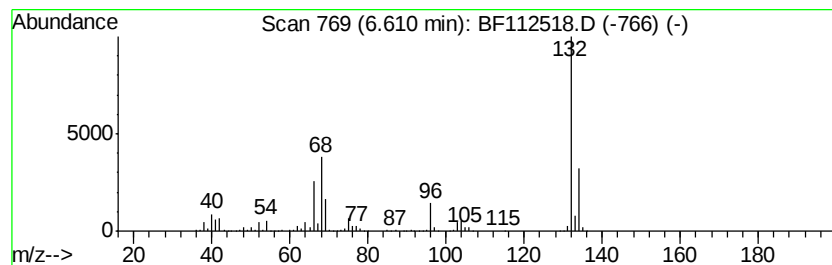
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	46.69 ng	1426280	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112518.D
 Acq On : 12 Feb 2019 20:27
 Operator : JU/SJ
 Sample : K1343-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

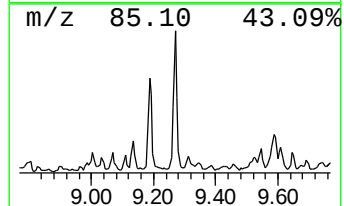
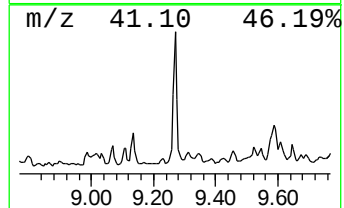
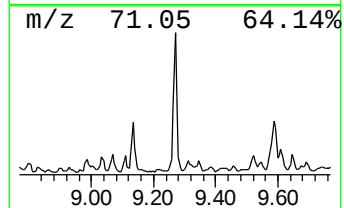
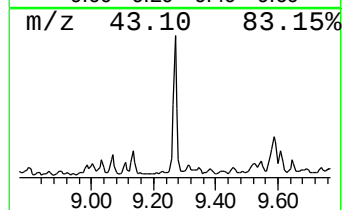
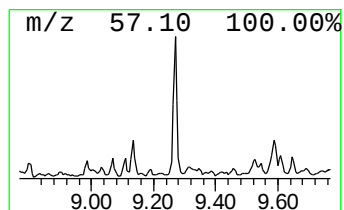
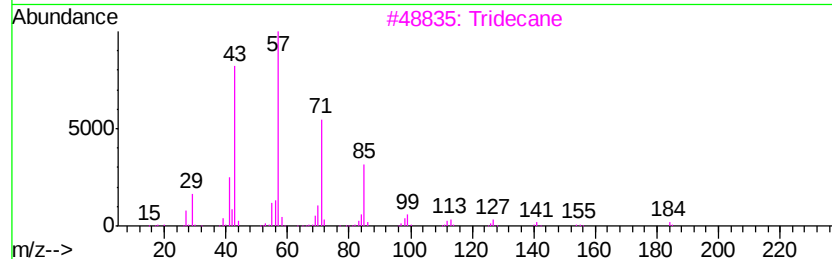
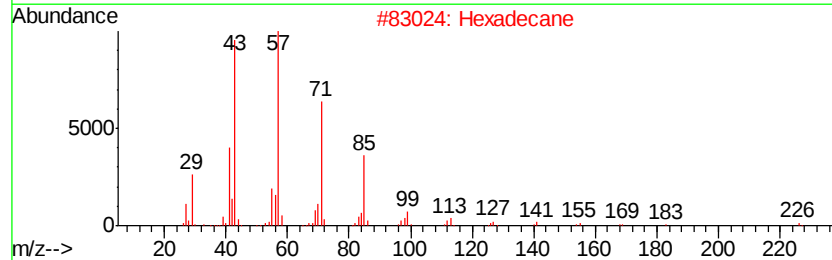
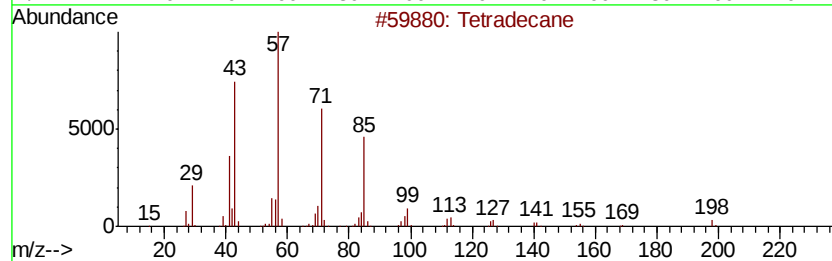
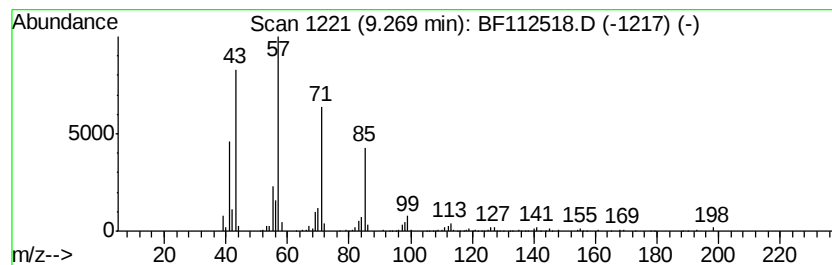
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 3 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	12.79 ng	552904	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

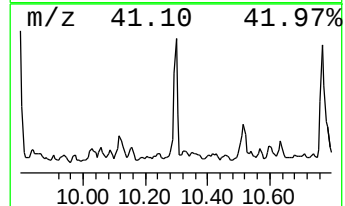
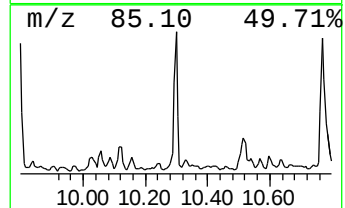
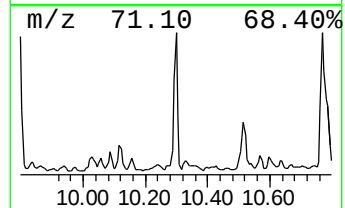
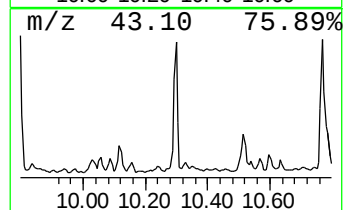
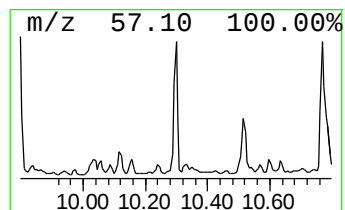
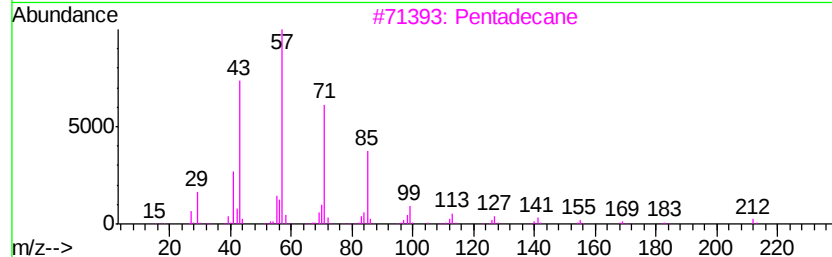
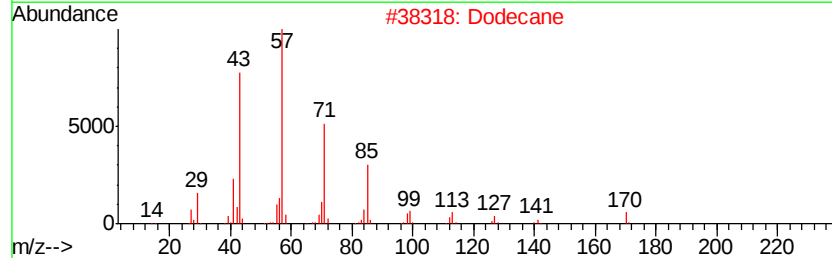
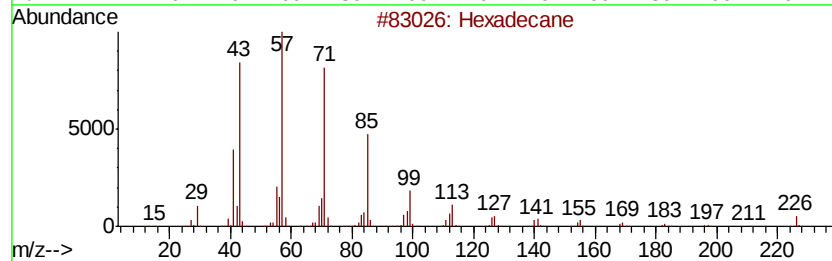
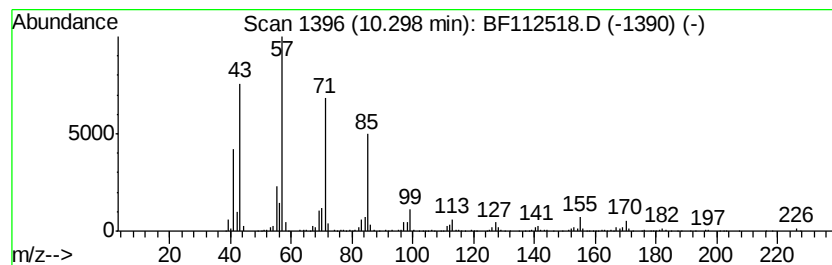
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	17.67 ng	763963	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Dodecane	170 C12H26	000112-40-3	94
3	Pentadecane	212 C15H32	000629-62-9	87
4	Tetradecane	198 C14H30	000629-59-4	87
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

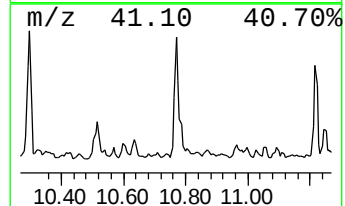
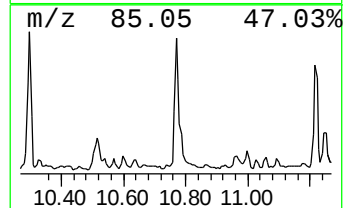
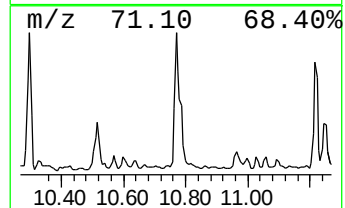
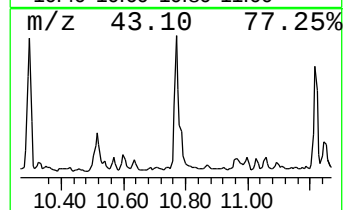
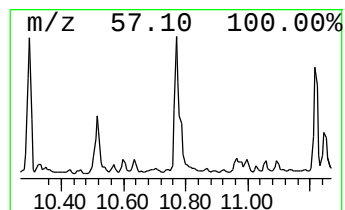
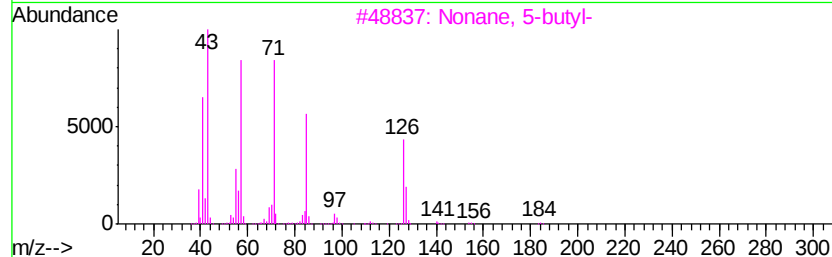
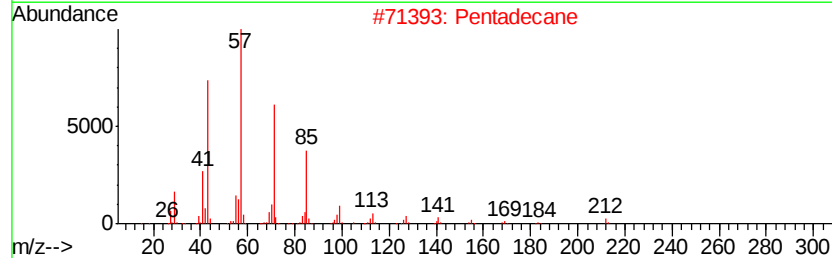
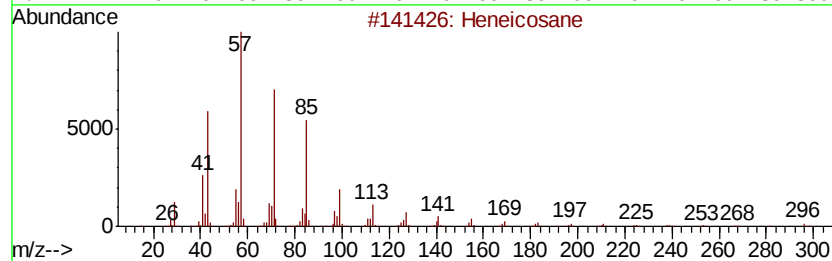
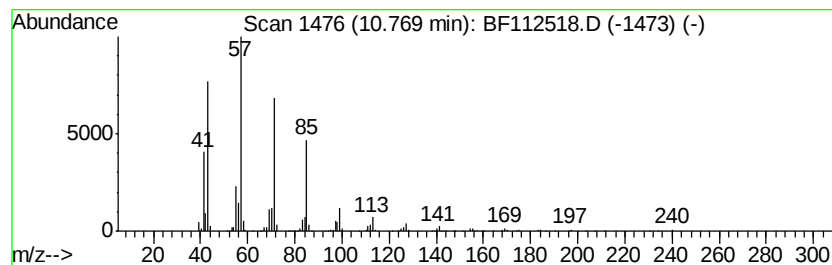
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	25.27 ng	876054	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Nonane, 5-butyl-		184	C13H28	017312-63-9	89
4	Heptadecane		240	C17H36	000629-78-7	87
5	Nonadecane		268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

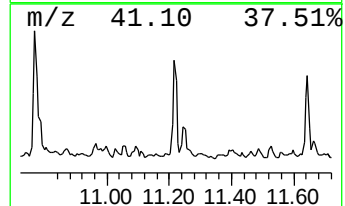
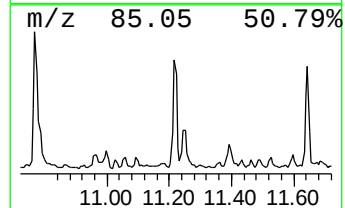
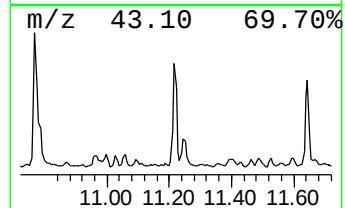
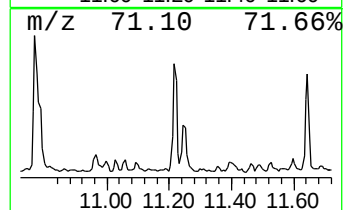
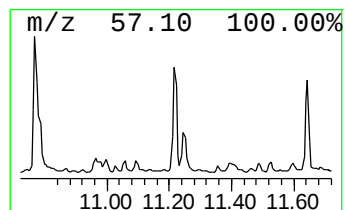
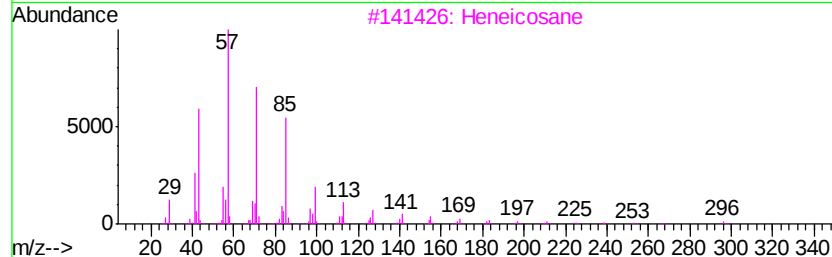
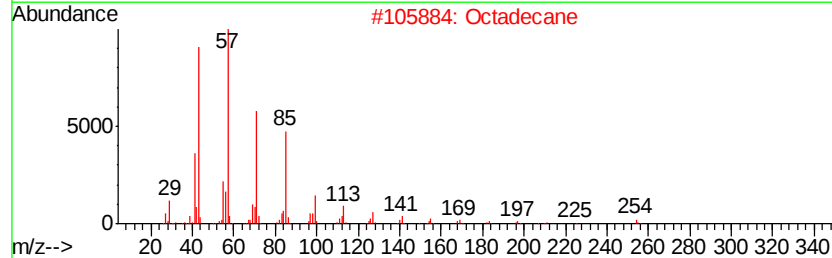
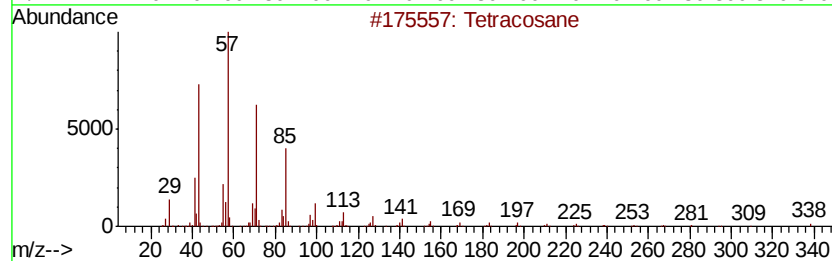
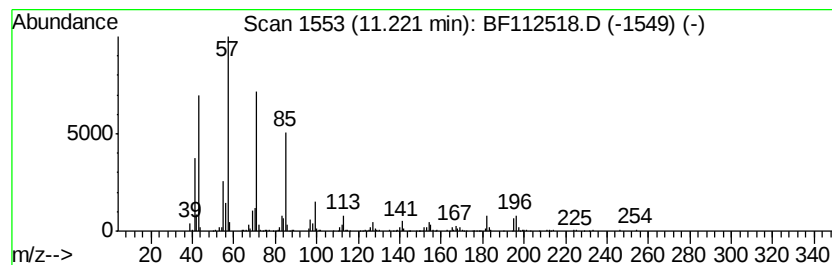
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	17.85 ng	618669	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	81
2		Octadecane	254	C18H38	000593-45-3	74
3		Heneicosane	296	C21H44	000629-94-7	74
4		Tetradecane	198	C14H30	000629-59-4	74
5		Hexadecane	226	C16H34	000544-76-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

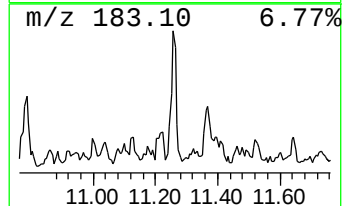
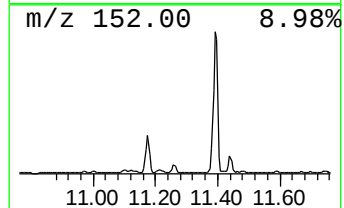
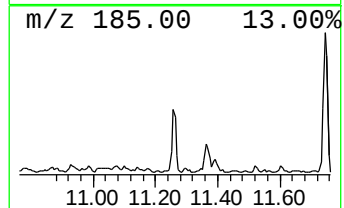
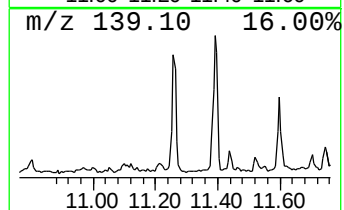
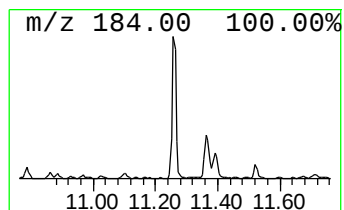
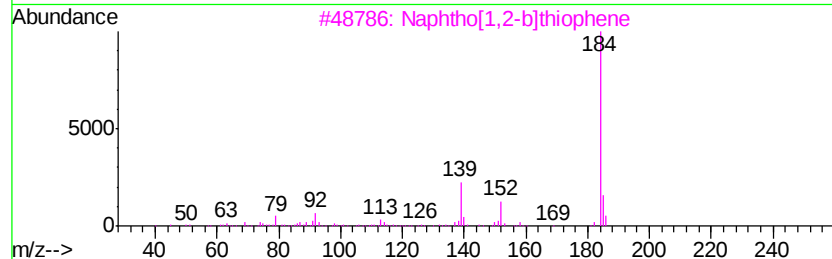
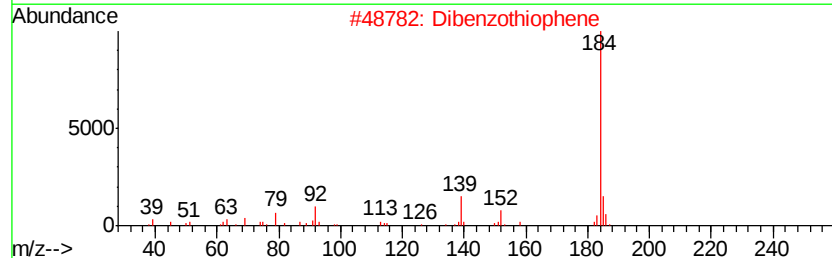
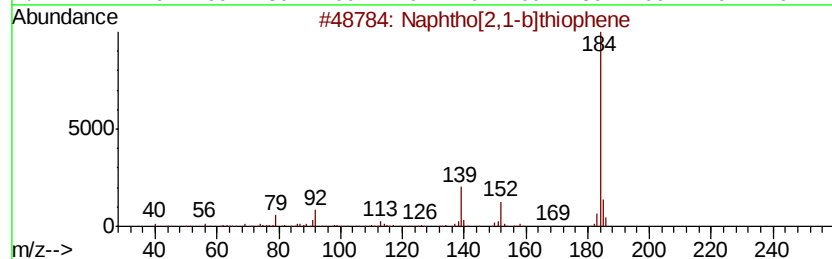
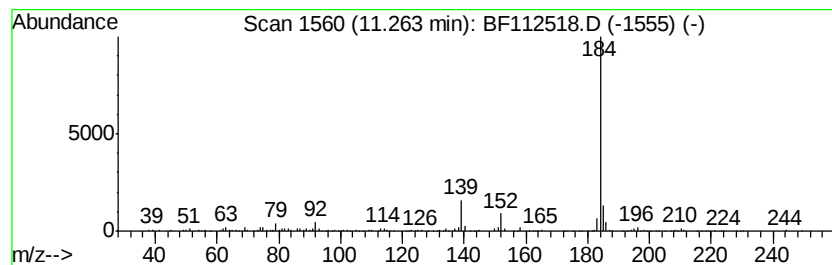
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	15.58 ng	539984	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112518.D
 Acq On : 12 Feb 2019 20:27
 Operator : JU/SJ
 Sample : K1343-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

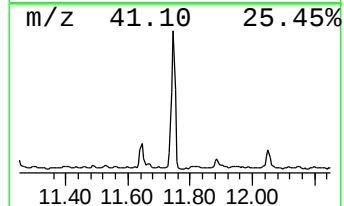
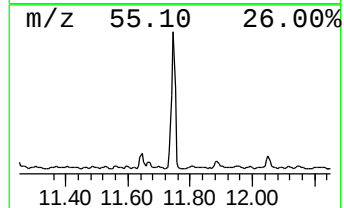
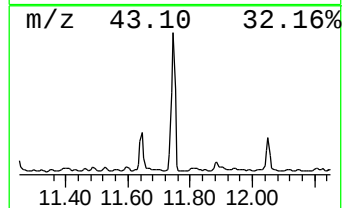
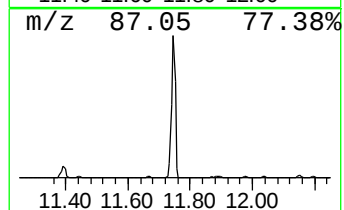
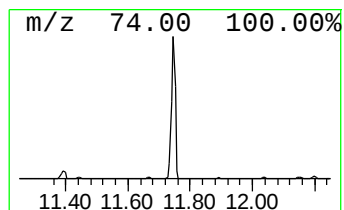
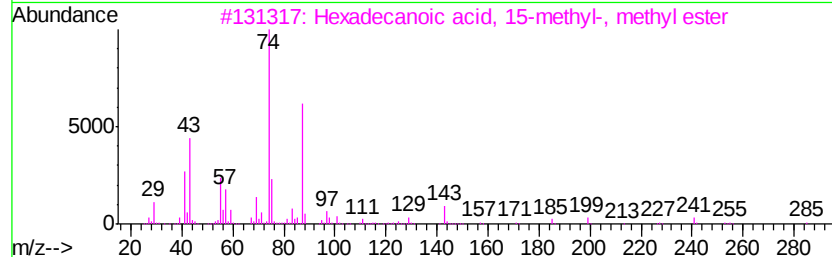
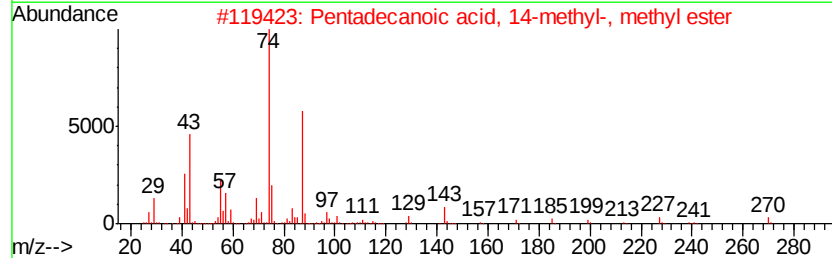
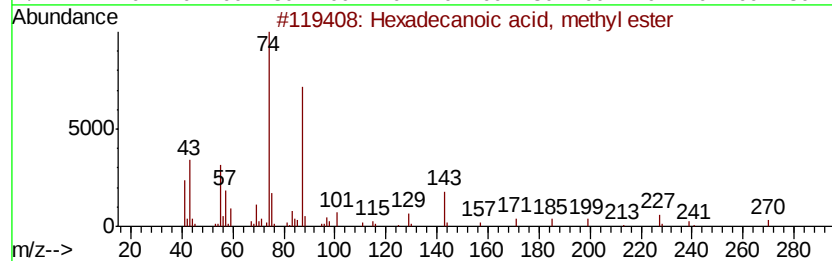
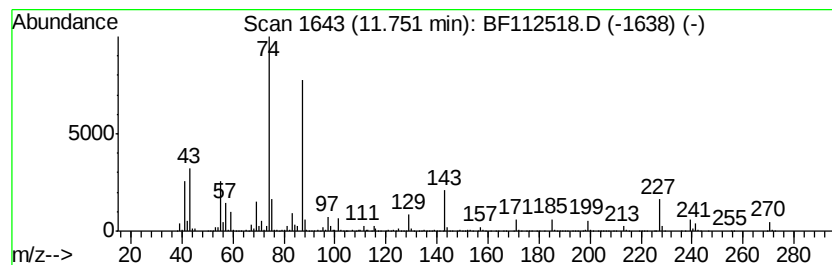
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	92.26 ng	3198060	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

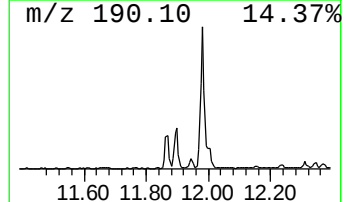
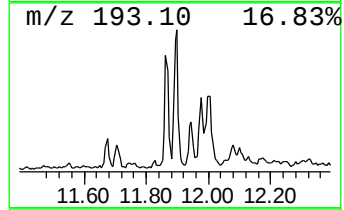
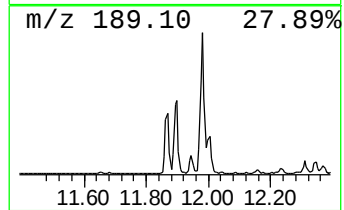
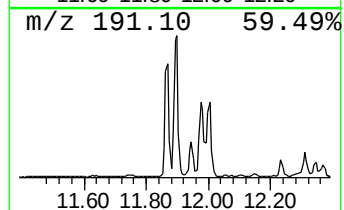
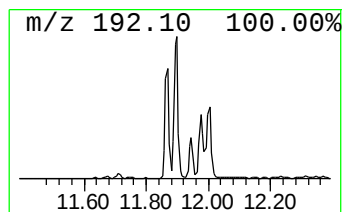
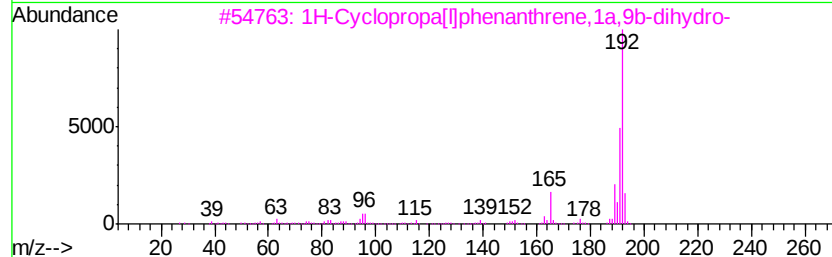
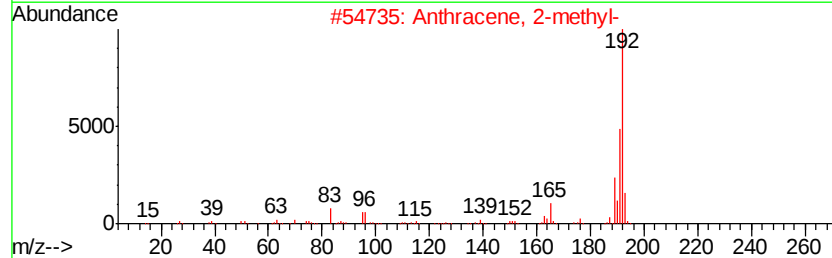
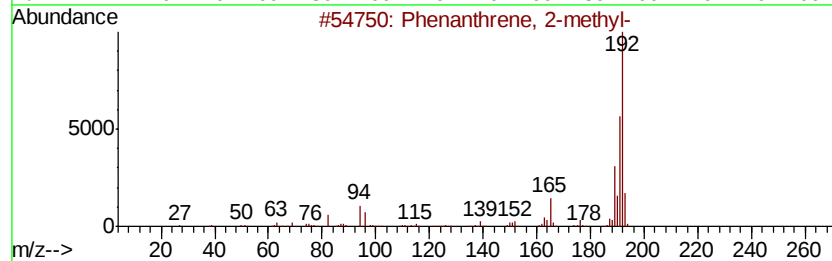
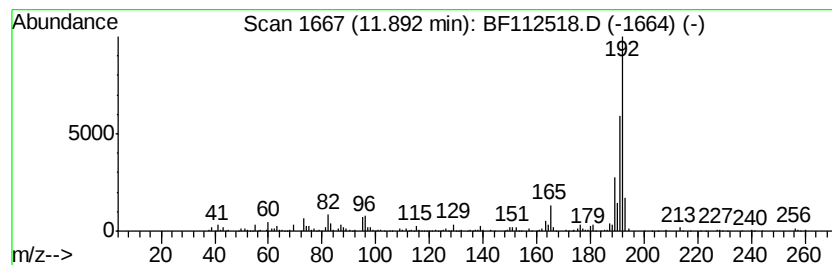
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	22.33 ng	774053	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

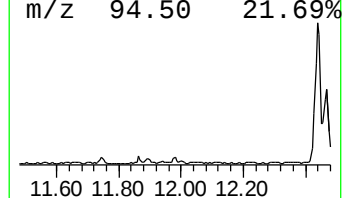
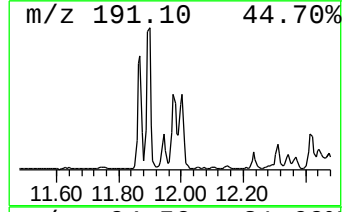
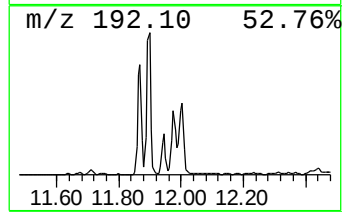
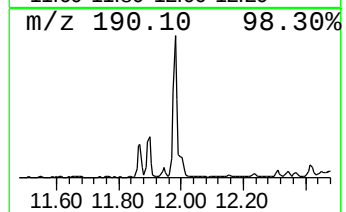
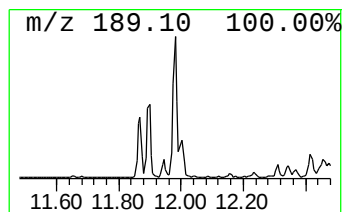
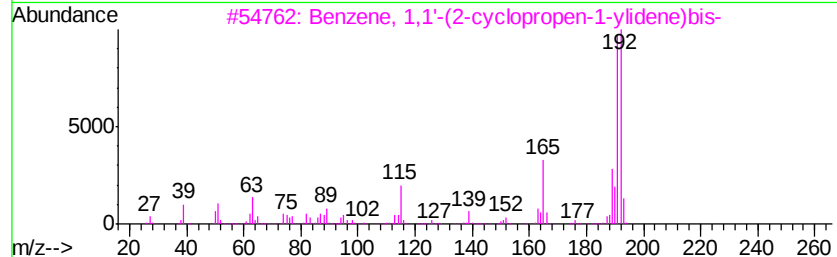
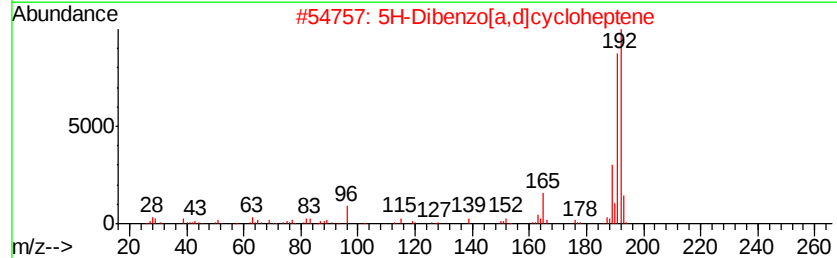
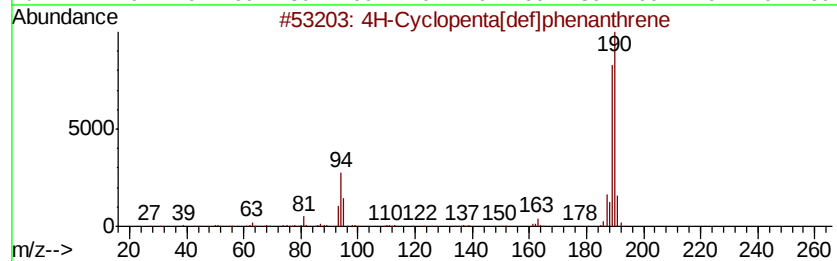
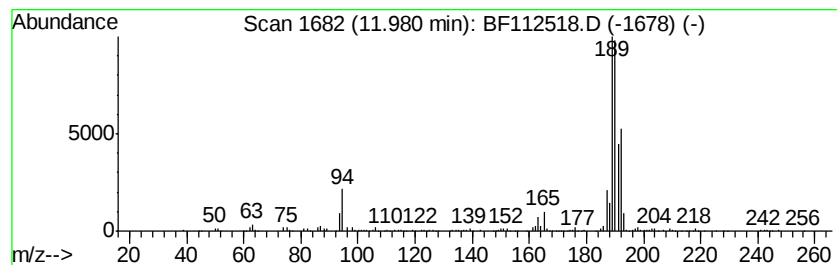
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.98	13.03 ng	451846	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
3		Benzene, 1,1'-(2-cyclopropen-1-ylidene)bis-	192	C15H12	022825-21-4	22
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	15
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

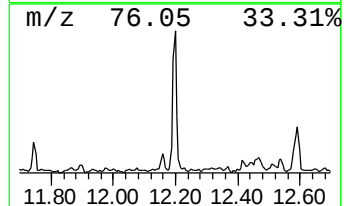
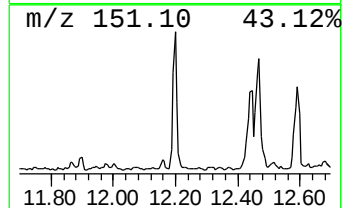
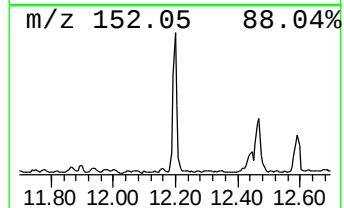
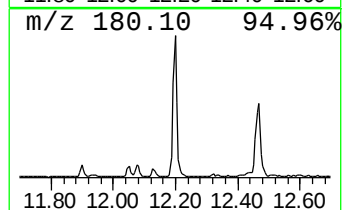
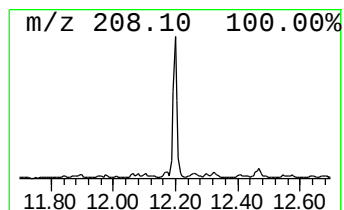
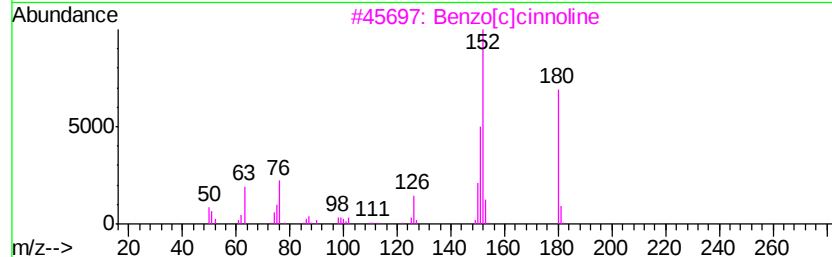
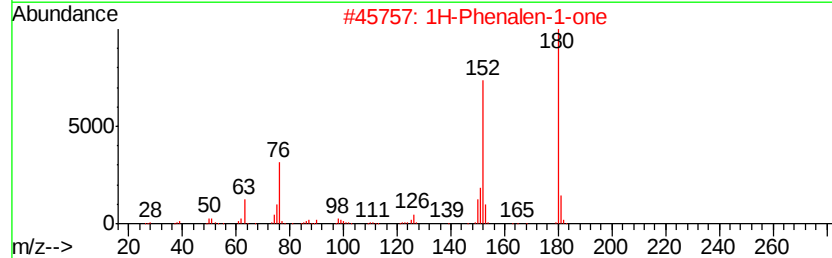
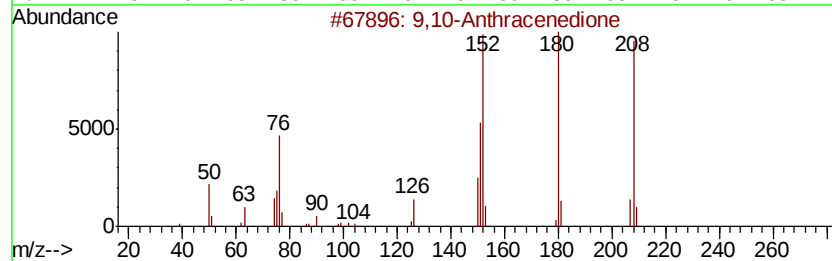
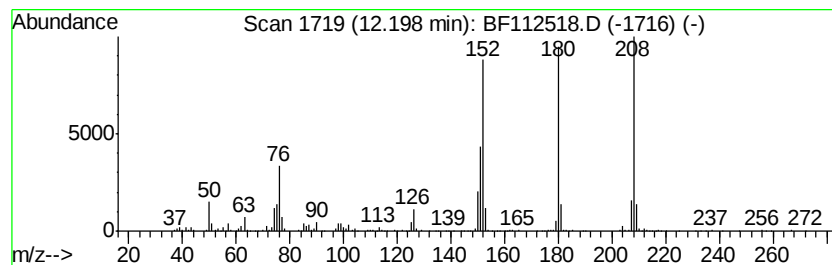
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	15.75 ng	545803	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49
5		Acenaphthylene	152	C12H8	000208-96-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

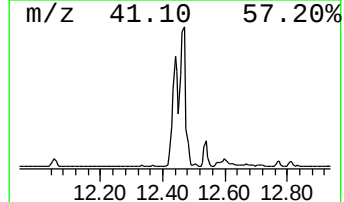
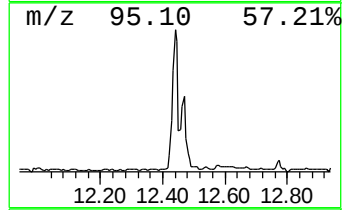
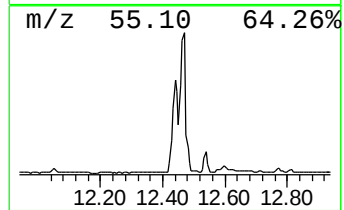
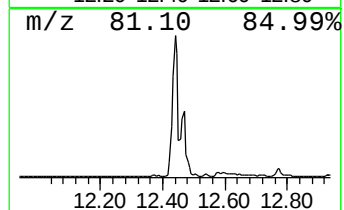
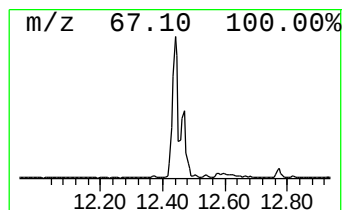
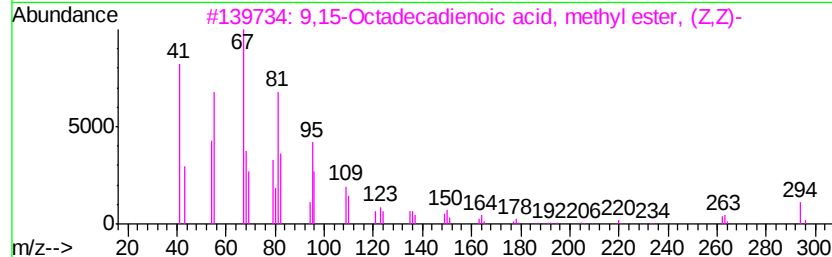
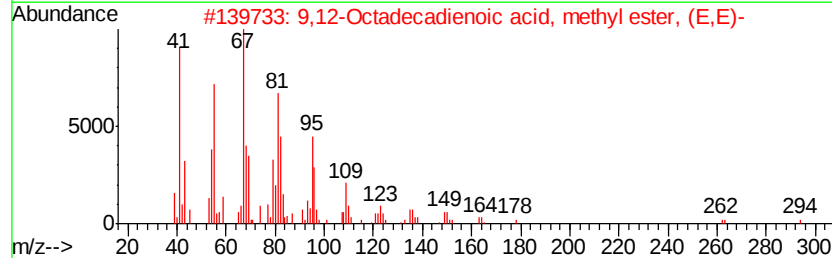
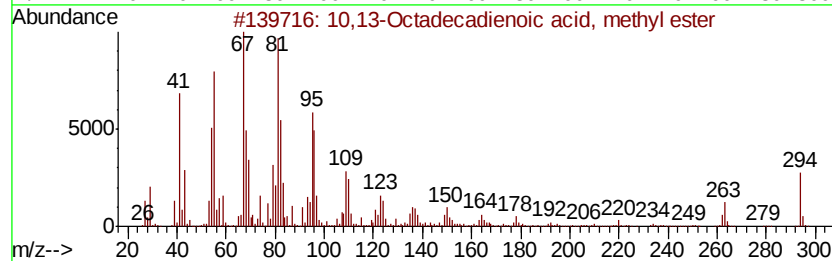
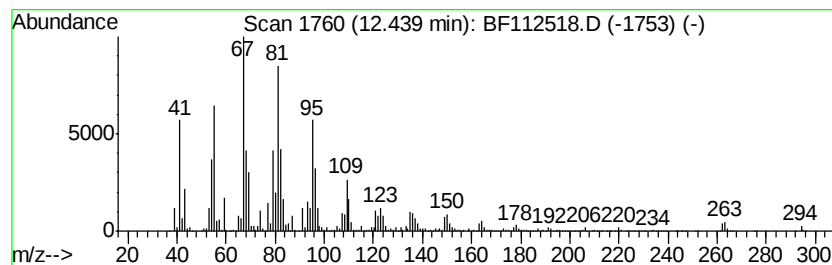
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	265.65 ng	9208650	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

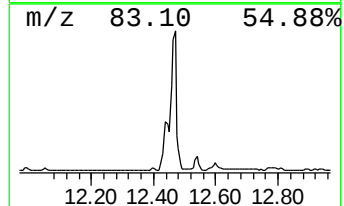
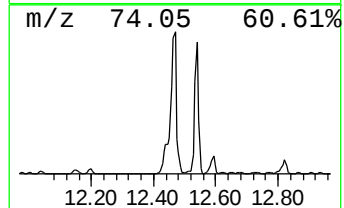
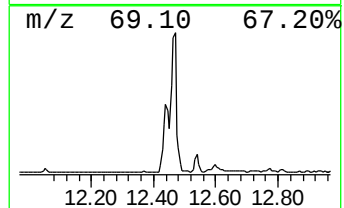
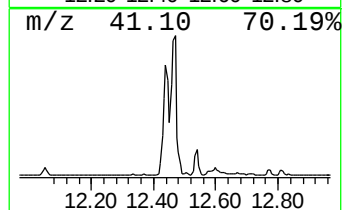
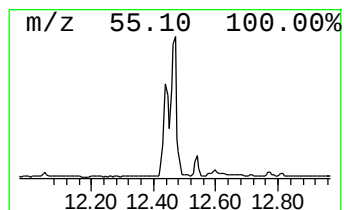
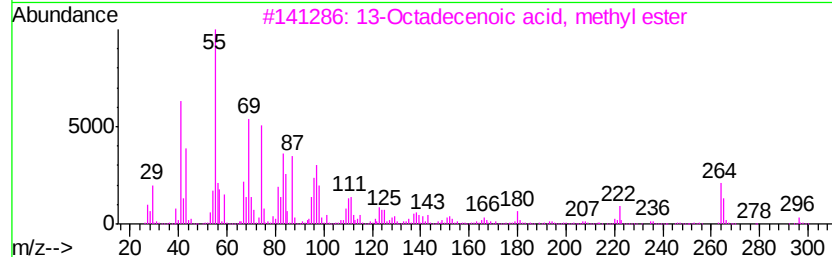
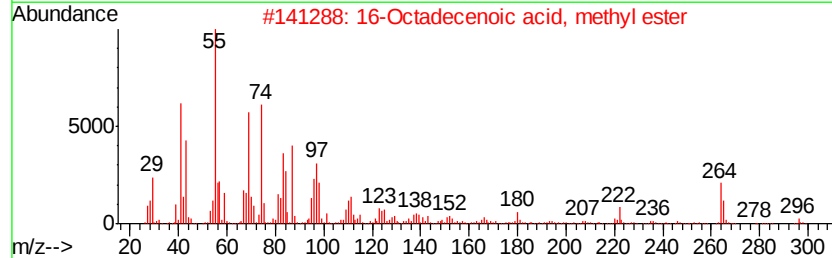
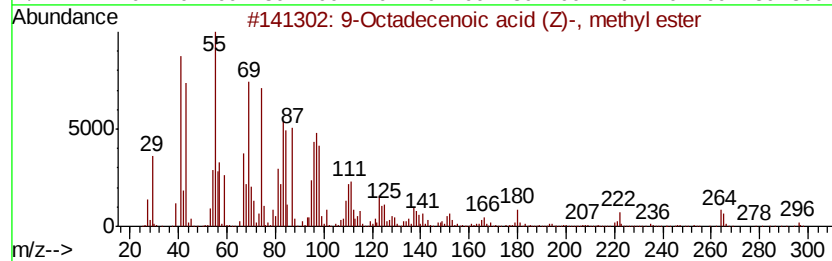
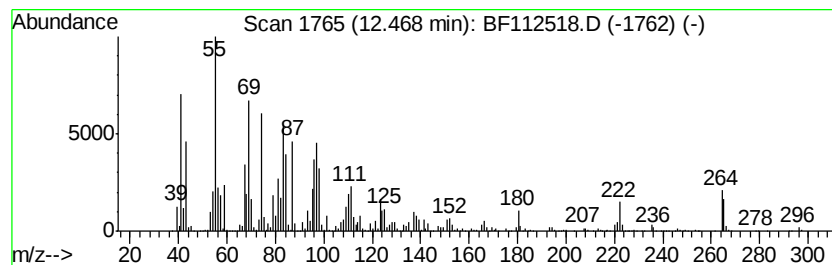
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	279.42 ng	9685850	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

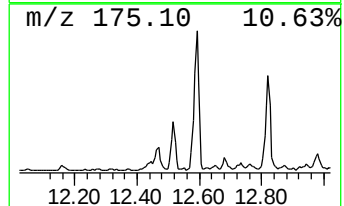
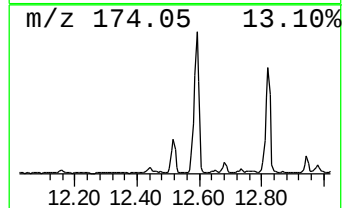
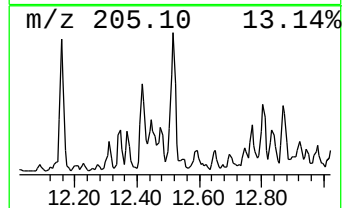
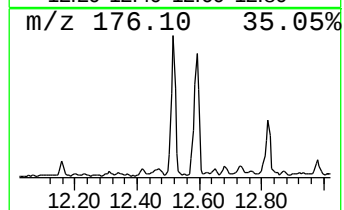
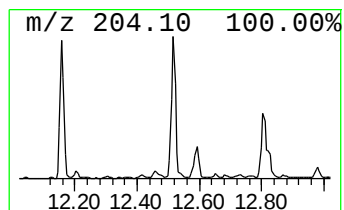
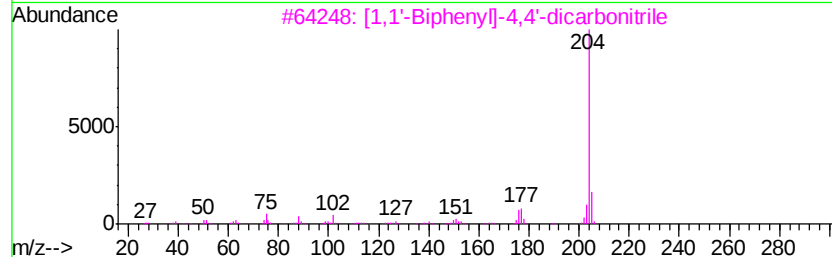
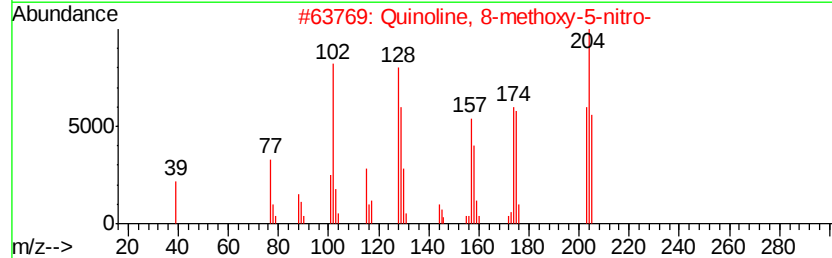
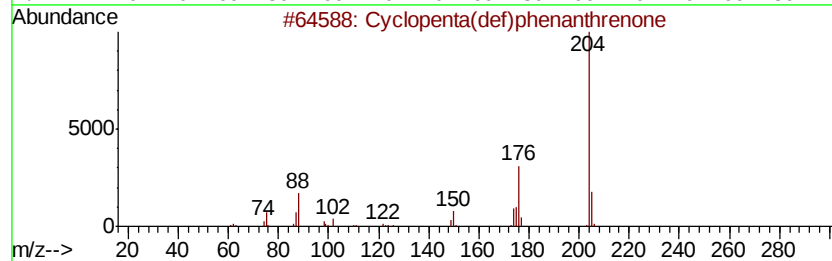
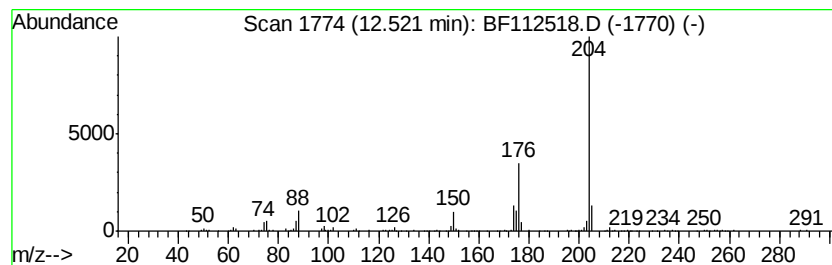
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	11.60 ng	402224	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	70
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5		3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

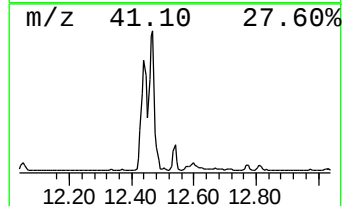
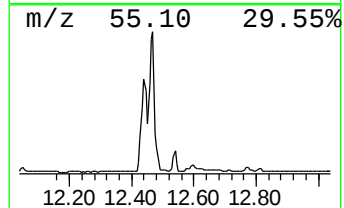
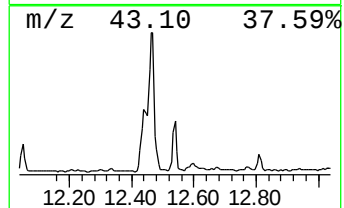
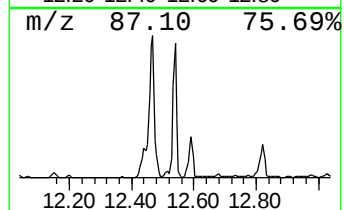
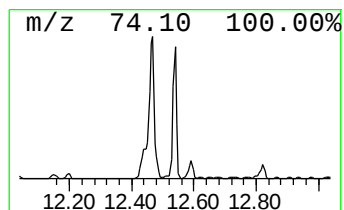
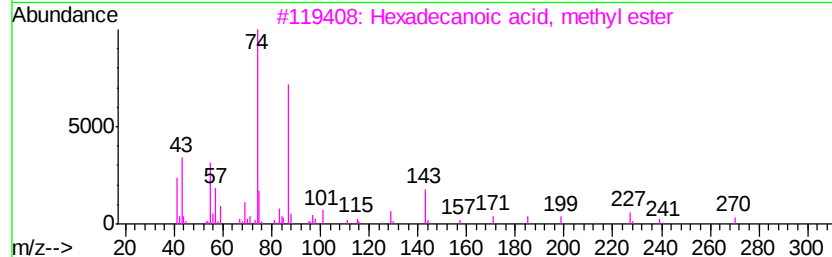
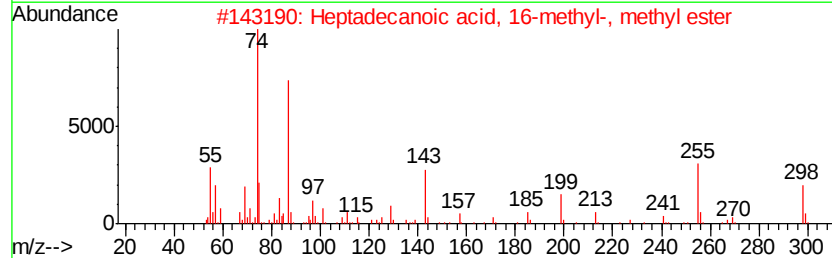
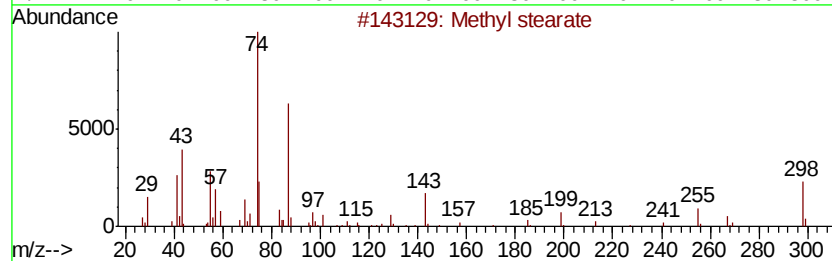
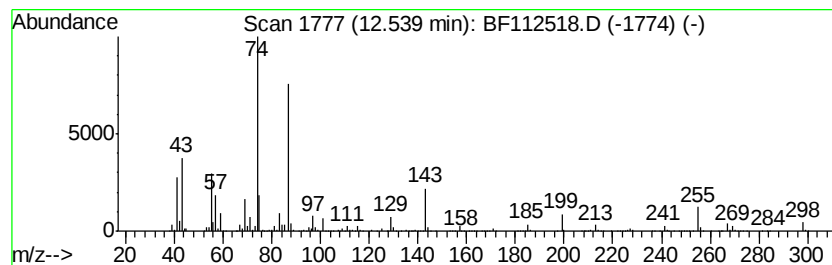
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	39.88 ng	1382490	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	96
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4		Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

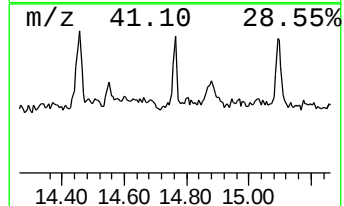
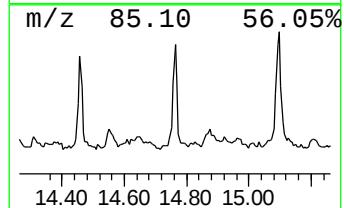
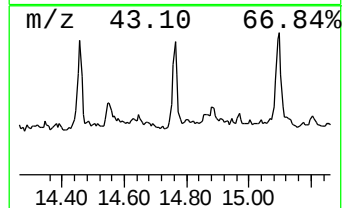
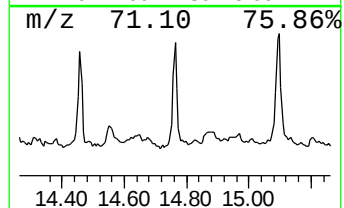
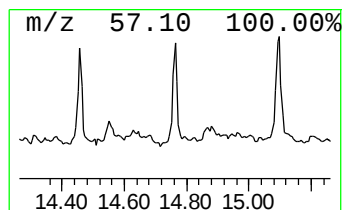
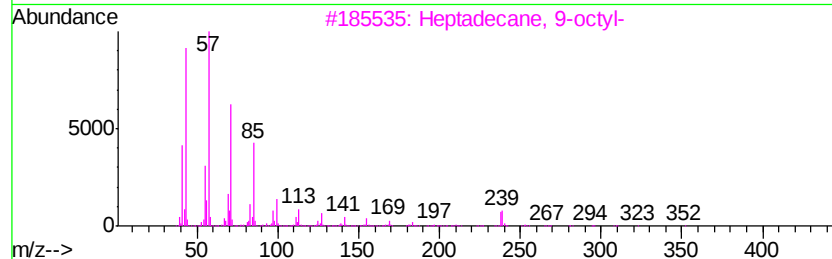
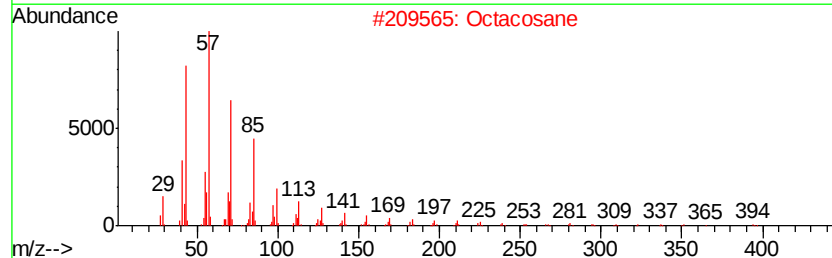
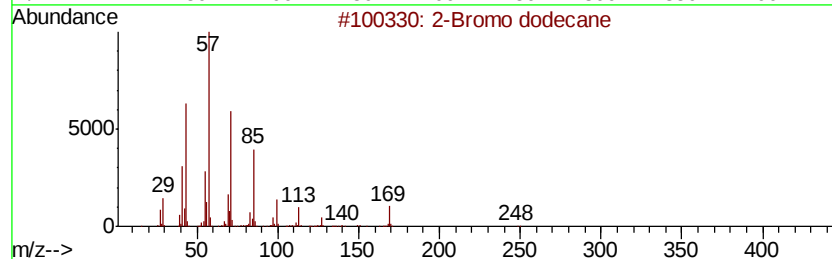
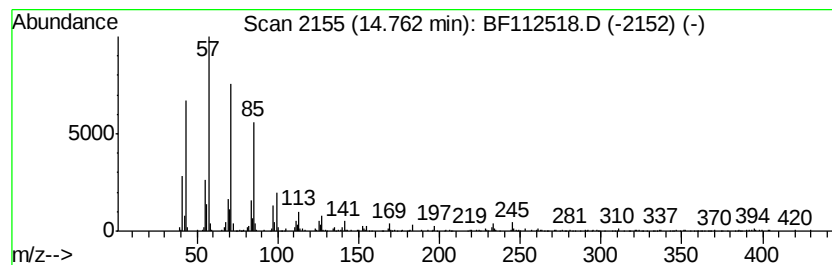
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	34.16 ng	265667	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112518.D
Acq On : 12 Feb 2019 20:27
Operator : JU/SJ
Sample : K1343-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-H

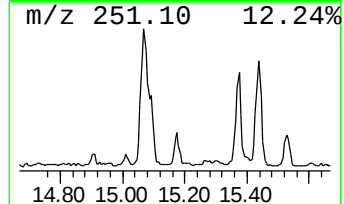
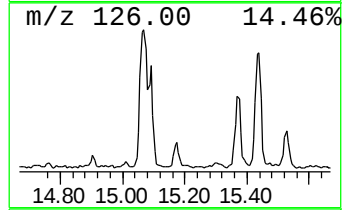
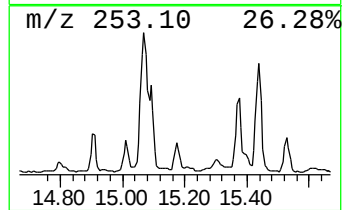
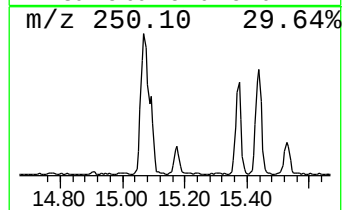
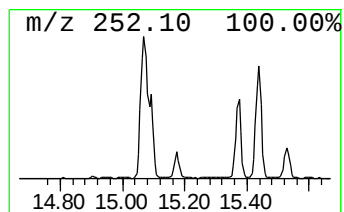
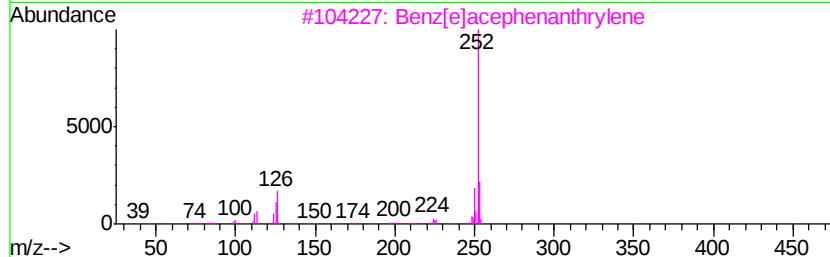
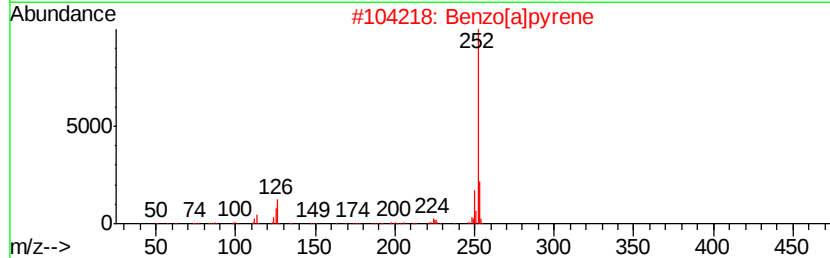
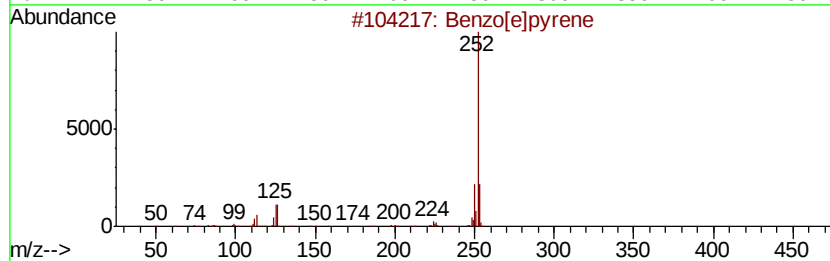
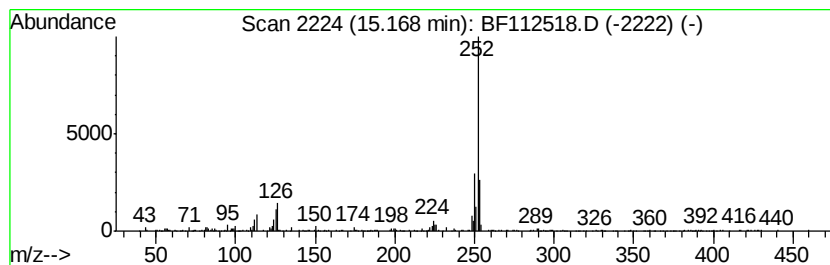
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	34.71 ng	269929	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	97
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112518.D
 Acq On : 12 Feb 2019 20:27
 Operator : JU/SJ
 Sample : K1343-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-H

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.61	6.61	46.7	ng	1426280	1	6.83	610944	20.0
Tetradecane	9.27	12.8	ng	552904	3	9.87	864824	20.0
Hexadecane	10.30	17.7	ng	763963	3	9.87	864824	20.0
Heneicosane	10.77	25.3	ng	876054	4	11.36	693292	20.0
Tetracosane	11.22	17.9	ng	618669	4	11.36	693292	20.0
Naphtho[2,1-b]thi...	11.26	15.6	ng	539984	4	11.36	693292	20.0
Hexadecanoic acid...	11.75	92.3	ng	3198060	4	11.36	693292	20.0
Phenanthrene, 2-m...	11.89	22.3	ng	774053	4	11.36	693292	20.0
4H-Cyclopenta[def...	11.98	13.0	ng	451846	4	11.36	693292	20.0
9,10-Anthracenedione	12.20	15.8	ng	545803	4	11.36	693292	20.0
10,13-Octadecadie...	12.44	265.6	ng	9208650	4	11.36	693292	20.0
9-Octadecenoic ac...	12.47	279.4	ng	9685850	4	11.36	693292	20.0
Cyclopenta(def)ph...	12.52	11.6	ng	402224	4	11.36	693292	20.0
Methyl stearate	12.54	39.9	ng	1382490	4	11.36	693292	20.0
2-Bromo dodecane	14.76	34.2	ng	265667	6	15.50	155539	20.0
Benzo[e]pyrene	15.17	34.7	ng	269929	6	15.50	155539	20.0