

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107818.D
 Acq On : 30 Jul 2018 23:27
 Operator : JU/SJ
 Sample : J4164-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(3-5)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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	5.195	481	486	500	rBV	559085	754987	7.45%	0.390%
2	5.601	551	555	578	rBV	2333017	3394418	33.48%	1.752%
3	6.601	722	725	744	rBV	2304459	4003676	39.48%	2.066%
4	6.736	744	748	756	rBV	3266932	3737206	36.86%	1.929%
5	6.960	783	786	800	rBV	662373	994802	9.81%	0.513%
6	7.113	808	812	825	rBV	2663117	3055234	30.13%	1.577%
7	7.525	878	882	905	rBV	1596353	2699064	26.62%	1.393%
8	8.242	1000	1004	1006	rBV	1172065	1248439	12.31%	0.644%
9	8.266	1006	1008	1015	rVV	1346887	1487287	14.67%	0.768%
10	8.954	1121	1125	1131	rBV2	791533	925139	9.12%	0.477%
11	9.054	1137	1142	1150	rBV	1199673	1254038	12.37%	0.647%
12	9.313	1180	1186	1193	rBV	3741564	4080195	40.24%	2.106%
13	9.513	1218	1220	1227	rVV	506918	680454	6.71%	0.351%
14	9.583	1227	1232	1236	rVV	908423	1309843	12.92%	0.676%
15	9.654	1240	1244	1247	rVV	1421144	1721220	16.97%	0.888%
16	9.683	1247	1249	1254	rVV2	1006873	1343328	13.25%	0.693%
17	9.772	1261	1264	1273	rVB	815972	1115740	11.00%	0.576%
18	9.866	1276	1280	1284	rVV2	2125084	2371535	23.39%	1.224%
19	10.001	1300	1303	1306	rVB	1186028	978201	9.65%	0.505%
20	10.036	1306	1309	1311	rBV	726338	668634	6.59%	0.345%
21	10.107	1317	1321	1324	rBV	479861	653398	6.44%	0.337%
22	10.195	1333	1336	1341	rVV4	811054	1518041	14.97%	0.783%
23	10.236	1341	1343	1346	rVV	809201	731744	7.22%	0.378%
24	10.313	1352	1356	1359	rBV	919855	1037989	10.24%	0.536%
25	10.342	1359	1361	1365	rVV	561556	481123	4.74%	0.248%
26	10.407	1368	1372	1374	rBV2	721105	885520	8.73%	0.457%
27	10.454	1378	1380	1384	rBV	526509	626583	6.18%	0.323%
28	10.554	1393	1397	1403	rVV2	1606322	2108305	20.79%	1.088%
29	10.707	1418	1423	1426	rVV5	539702	827059	8.16%	0.427%
30	10.795	1432	1438	1444	rBV5	1819757	2878075	28.38%	1.485%
31	10.883	1450	1453	1456	rBV2	381297	565530	5.58%	0.292%
32	10.913	1456	1458	1463	rVB	444085	475435	4.69%	0.245%
33	11.101	1485	1490	1493	rBV2	910588	1321452	13.03%	0.682%
34	11.130	1493	1495	1498	rVV	698199	714977	7.05%	0.369%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107818.D
 Acq On : 30 Jul 2018 23:27
 Operator : JU/SJ
 Sample : J4164-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(3-5)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.183	1501	1504	1507	rVV	600842	566320	5.59%	0.292%
36	11.224	1507	1511	1513	rVV3	371222	583605	5.76%	0.301%
37	11.248	1513	1515	1519	rVV3	432581	599716	5.91%	0.310%
38	11.307	1522	1525	1527	rVV2	612535	741533	7.31%	0.383%
39	11.336	1527	1530	1533	rVV2	616037	827317	8.16%	0.427%
40	11.395	1536	1540	1548	rVB	1978793	2312410	22.81%	1.193%
41	11.536	1554	1564	1569	rBV2	6169322	10139795	100.00%	5.233%
42	11.583	1569	1572	1578	rVV	2533471	3343552	32.97%	1.726%
43	11.760	1600	1602	1605	rVV2	497936	458016	4.52%	0.236%
44	11.830	1611	1614	1620	rVB	1355566	1391506	13.72%	0.718%
45	11.913	1625	1628	1633	rBV	1006345	1248829	12.32%	0.645%
46	12.001	1639	1643	1646	rBV	2422687	2956469	29.16%	1.526%
47	12.030	1646	1648	1654	rVV	2606382	2812335	27.74%	1.451%
48	12.083	1654	1657	1659	rVV	1165990	1193639	11.77%	0.616%
49	12.118	1659	1663	1665	rVV2	3320212	4266319	42.08%	2.202%
50	12.142	1665	1667	1670	rVV	2118278	1994846	19.67%	1.030%
51	12.295	1689	1693	1697	rVV	1629172	2027342	19.99%	1.046%
52	12.330	1697	1699	1704	rVB2	693461	785063	7.74%	0.405%
53	12.395	1707	1710	1713	rBV2	341257	546740	5.39%	0.282%
54	12.424	1713	1715	1717	rVV	434937	460228	4.54%	0.238%
55	12.477	1721	1724	1726	rVV	847260	733015	7.23%	0.378%
56	12.501	1726	1728	1731	rVB2	662911	615953	6.07%	0.318%
57	12.554	1733	1737	1740	rBV	2267964	2841202	28.02%	1.466%
58	12.595	1740	1744	1746	rVV2	1029426	1513768	14.93%	0.781%
59	12.654	1749	1754	1757	rBV2	764758	1234098	12.17%	0.637%
60	12.730	1762	1767	1770	rBV	5422105	7616155	75.11%	3.931%
61	12.818	1779	1782	1788	rVB	1643322	1648561	16.26%	0.851%
62	12.877	1788	1792	1794	rBV	1089168	1148496	11.33%	0.593%
63	12.965	1799	1807	1810	rVV2	5714336	9875750	97.40%	5.097%
64	13.001	1810	1813	1817	rVV2	1076834	1501775	14.81%	0.775%
65	13.054	1820	1822	1823	rVV	555621	518192	5.11%	0.267%
66	13.083	1823	1827	1837	rVV2	2827495	4215189	41.57%	2.175%
67	13.171	1837	1842	1847	rVV5	1130892	2088354	20.60%	1.078%
68	13.224	1847	1851	1853	rVV3	598080	755248	7.45%	0.390%
69	13.283	1853	1861	1865	rVV	2335054	4453060	43.92%	2.298%
70	13.324	1865	1868	1869	rVV2	544420	531255	5.24%	0.274%
71	13.348	1869	1872	1875	rVV	1799952	2152670	21.23%	1.111%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107818.D
 Acq On : 30 Jul 2018 23:27
 Operator : JU/SJ
 Sample : J4164-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(3-5)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.389	1875	1879	1886	rVV2	1787444	2907624	28.68%	1.501%
73	13.454	1886	1890	1892	rVV5	527424	886048	8.74%	0.457%
74	13.483	1892	1895	1897	rVV	1455105	1766654	17.42%	0.912%
75	13.512	1897	1900	1908	rVB	1682823	2403410	23.70%	1.240%
76	13.795	1946	1948	1951	rVB2	631913	614157	6.06%	0.317%
77	13.907	1961	1967	1969	rBV2	1742293	2281116	22.50%	1.177%
78	13.930	1969	1971	1973	rVB	1092874	902240	8.90%	0.466%
79	13.960	1973	1976	1978	rBV	1050941	935149	9.22%	0.483%
80	14.071	1993	1995	2002	rVB	598441	853882	8.42%	0.441%
81	14.154	2004	2009	2013	rVV2	4247348	7827750	77.20%	4.040%
82	14.189	2013	2015	2021	rVV	3920641	4596625	45.33%	2.372%
83	14.242	2021	2024	2026	rVB2	511048	470689	4.64%	0.243%
84	14.265	2026	2028	2032	rBV2	516565	772267	7.62%	0.399%
85	14.312	2033	2036	2041	rVB4	671796	956776	9.44%	0.494%
86	14.542	2070	2075	2079	rVV	1449385	2172911	21.43%	1.121%
87	14.577	2079	2081	2085	rVB2	925053	809609	7.98%	0.418%
88	14.671	2095	2097	2099	rVV	1059439	1175072	11.59%	0.606%
89	14.695	2099	2101	2105	rVV2	992135	1108673	10.93%	0.572%
90	14.742	2106	2109	2116	rVB3	628631	854389	8.43%	0.441%
91	15.065	2161	2164	2167	rBV3	401452	480536	4.74%	0.248%
92	15.248	2189	2195	2203	rBV	2688746	6984840	68.89%	3.605%
93	15.354	2209	2213	2220	rVB	899470	1223280	12.06%	0.631%
94	15.571	2245	2250	2256	rVB	1816505	2821373	27.82%	1.456%
95	15.648	2256	2263	2269	rBV	2638282	4726225	46.61%	2.439%
96	15.701	2269	2272	2275	rVV	513234	719227	7.09%	0.371%
97	15.736	2275	2278	2285	rVB2	819290	1221372	12.05%	0.630%
98	17.295	2535	2543	2551	rBV	1062490	2566813	25.31%	1.325%
99	17.777	2617	2625	2640	rVB	858211	2336494	23.04%	1.206%
100	18.030	2664	2668	2682	rVB2	349711	1035147	10.21%	0.534%

Sum of corrected areas: 193757340

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

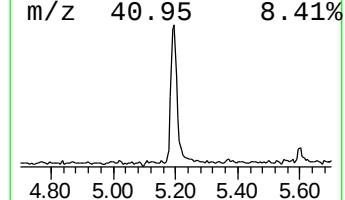
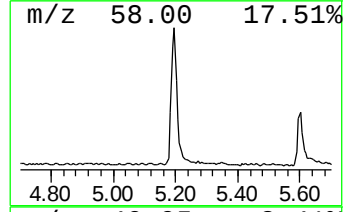
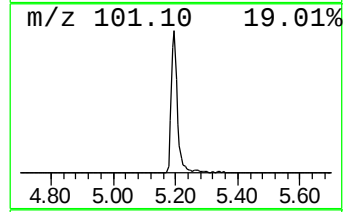
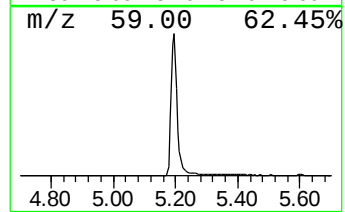
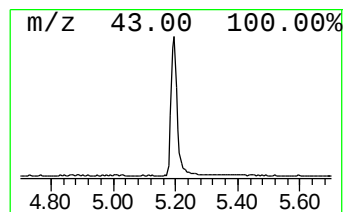
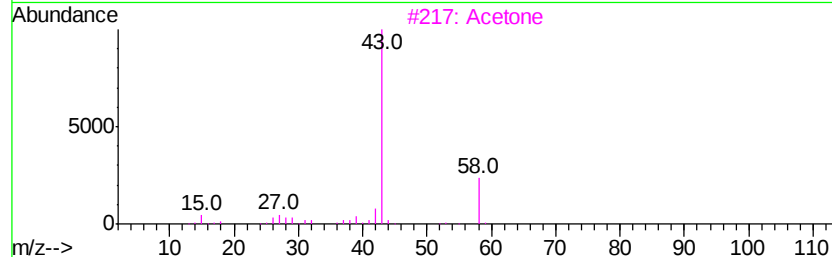
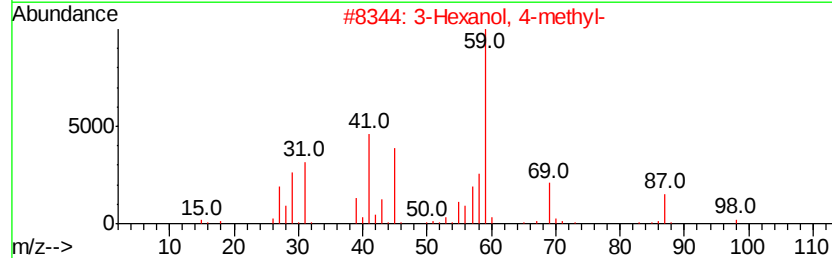
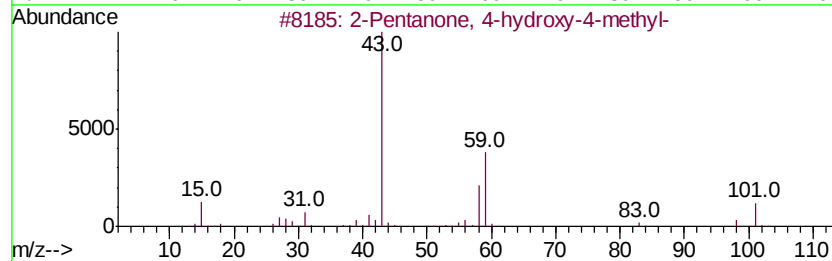
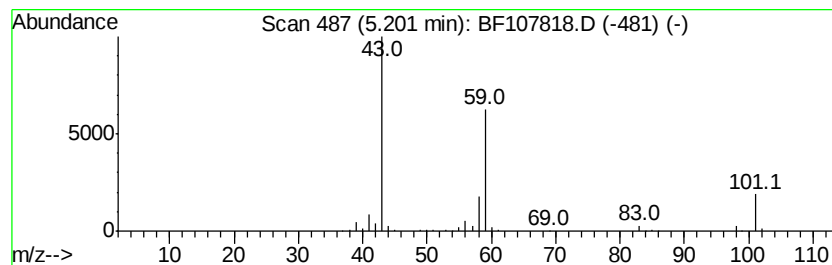
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	15.18 ng	754987	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetone	58	C3H6O	000067-64-1	9
4			Guanidine	59	CH5N3	000113-00-8	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

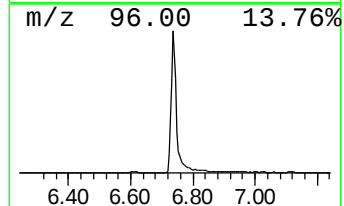
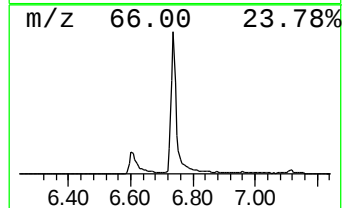
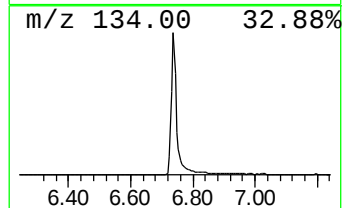
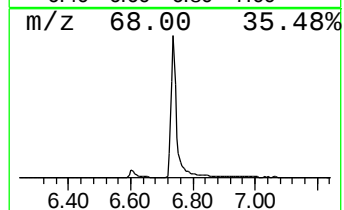
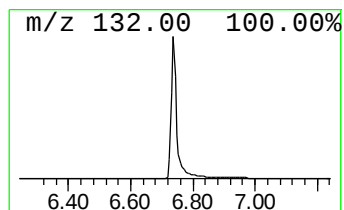
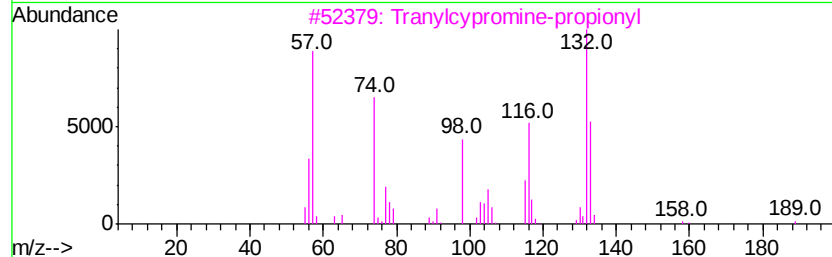
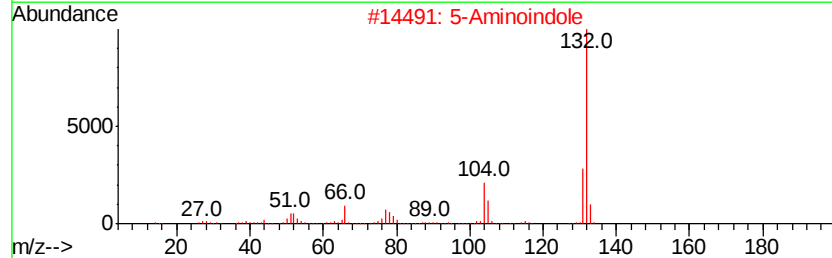
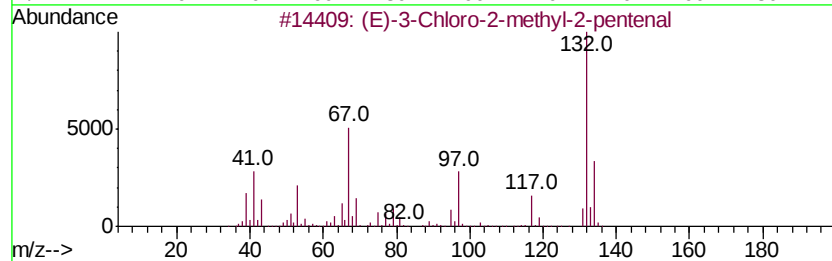
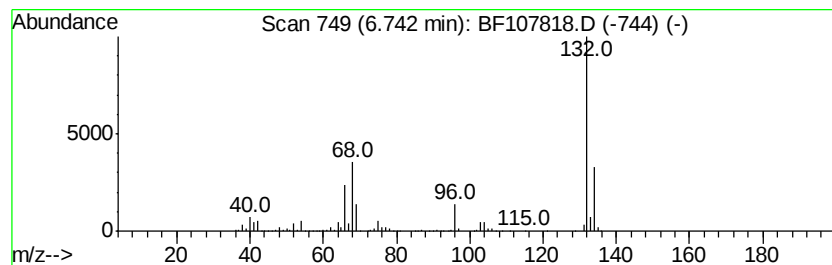
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	75.13 ng	3737210	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

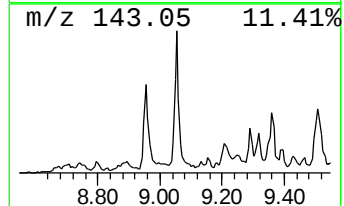
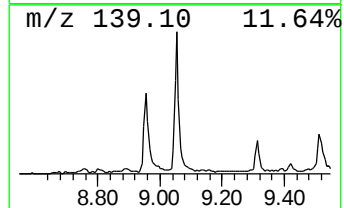
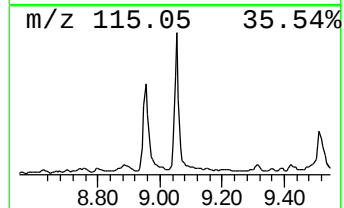
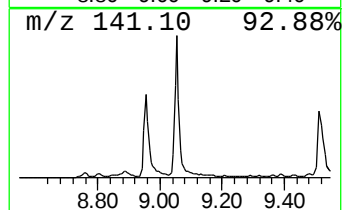
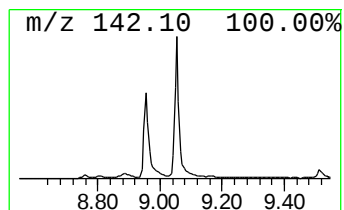
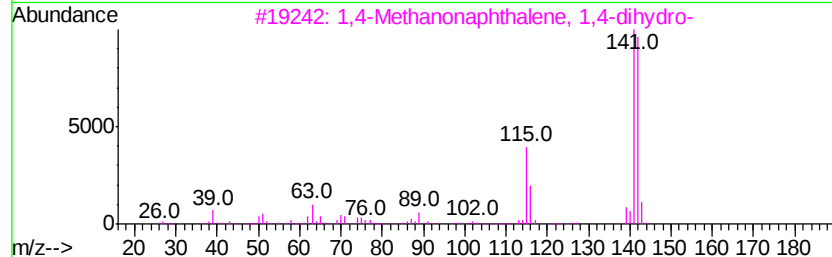
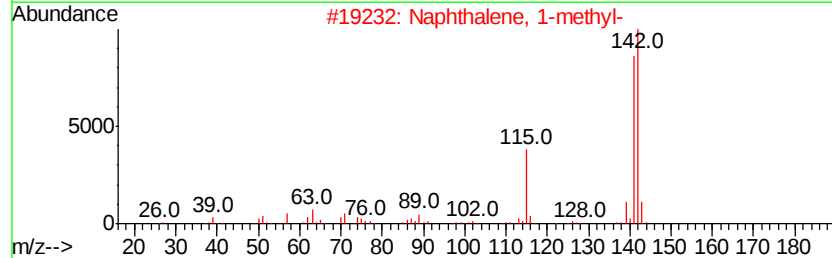
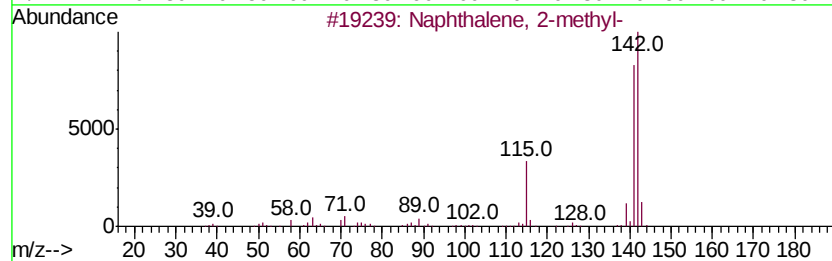
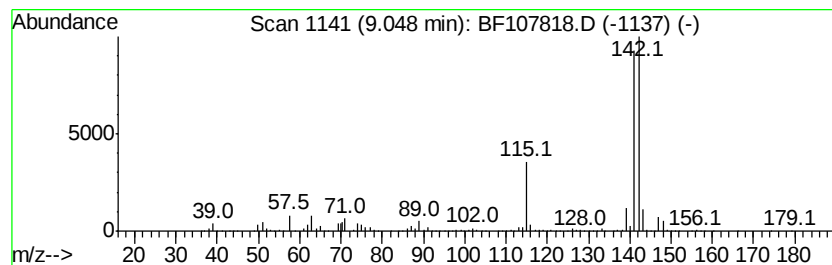
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	20.09 ng	1254040	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

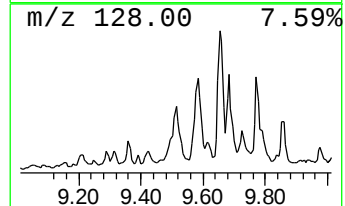
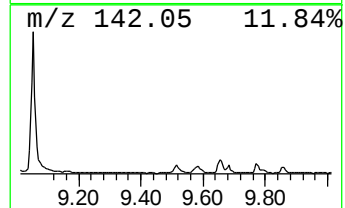
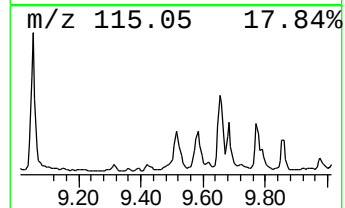
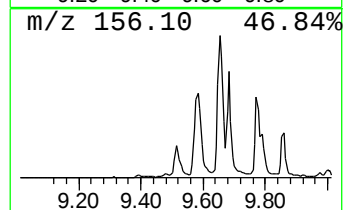
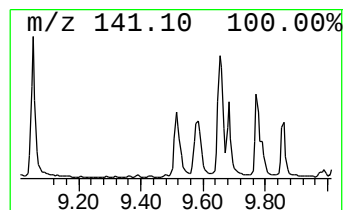
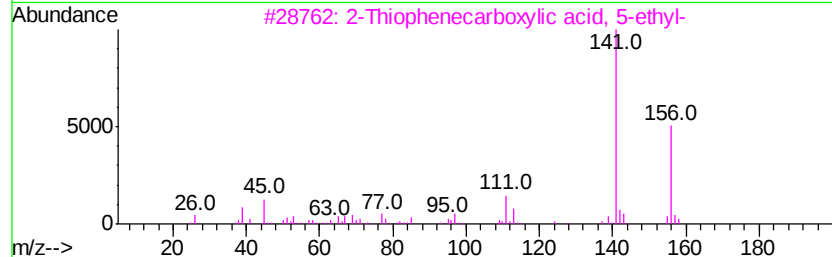
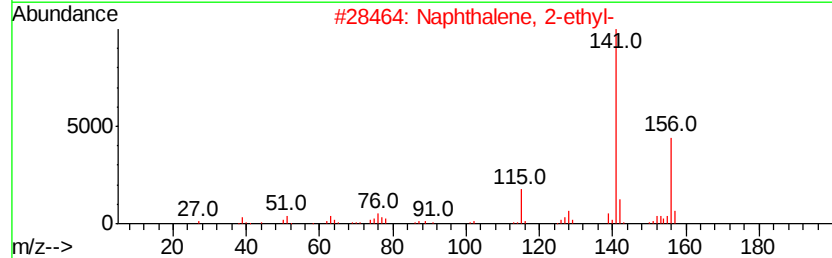
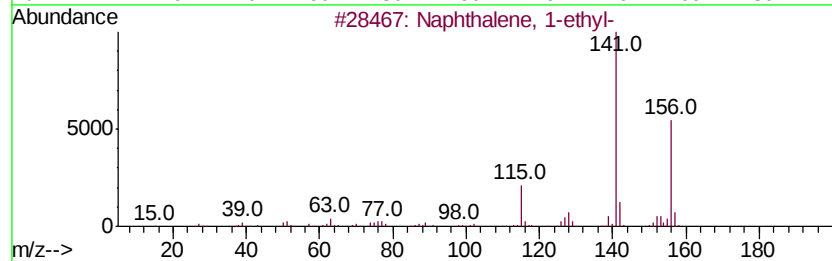
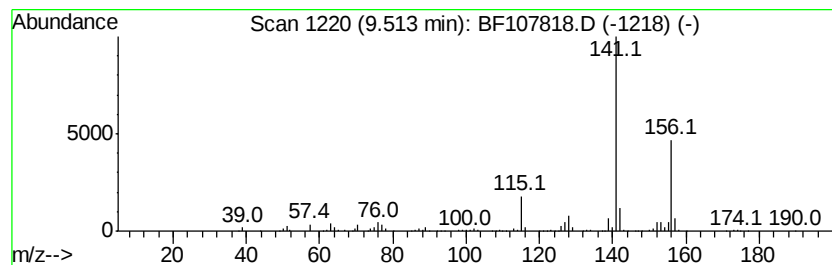
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	13.91 ng	680454	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	80
4		5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	64
5		2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

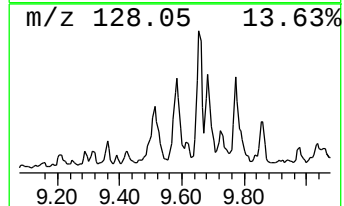
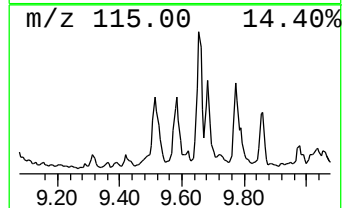
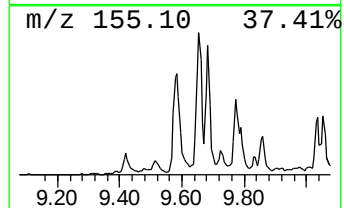
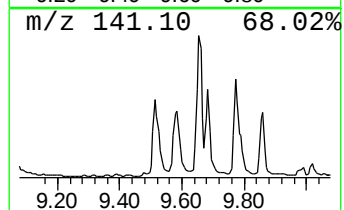
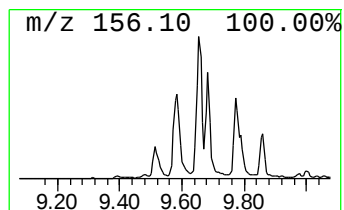
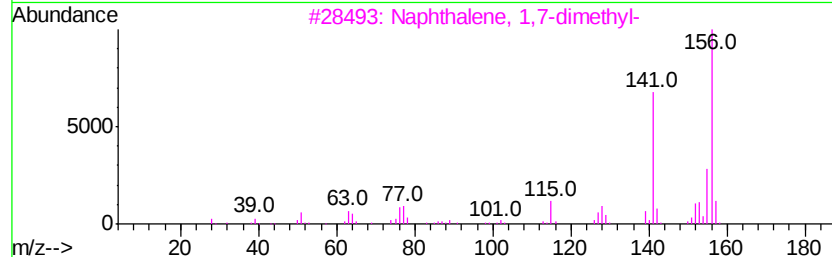
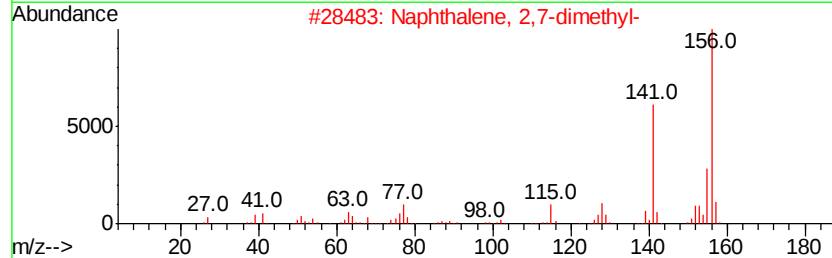
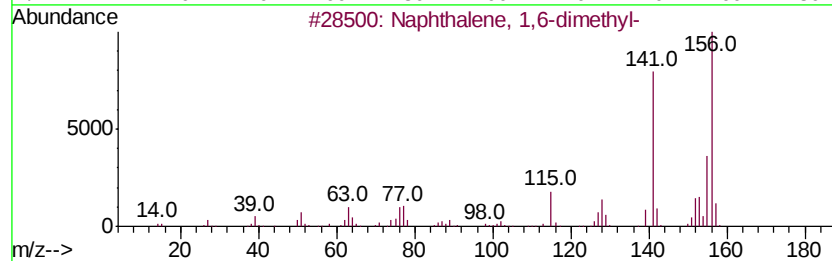
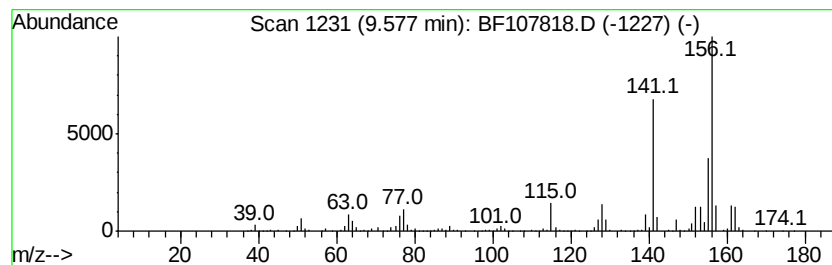
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	26.78 ng	1309840	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

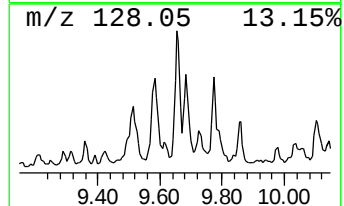
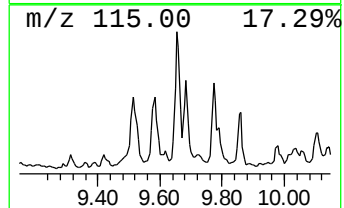
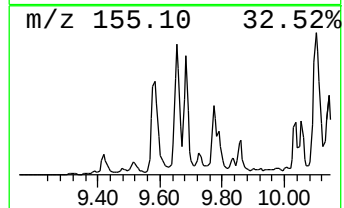
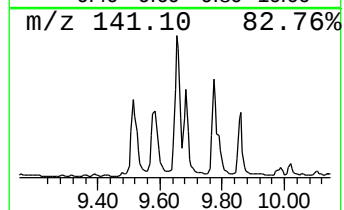
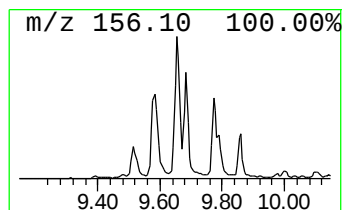
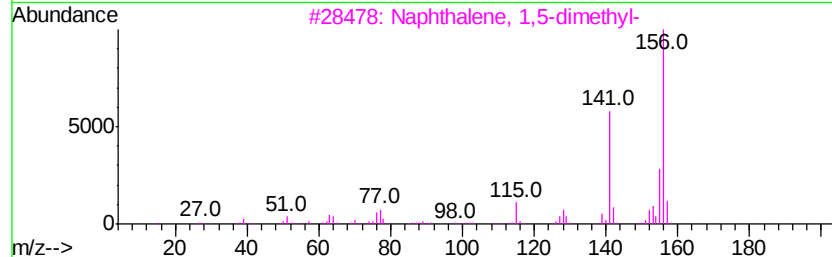
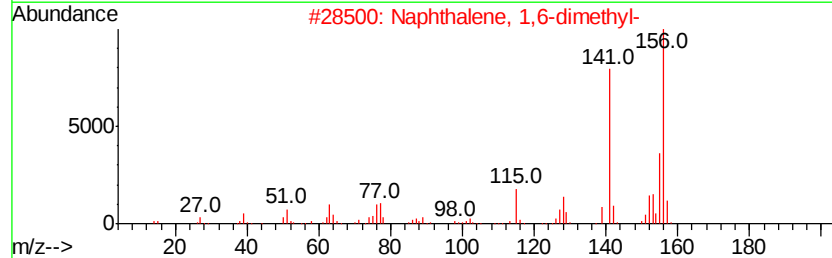
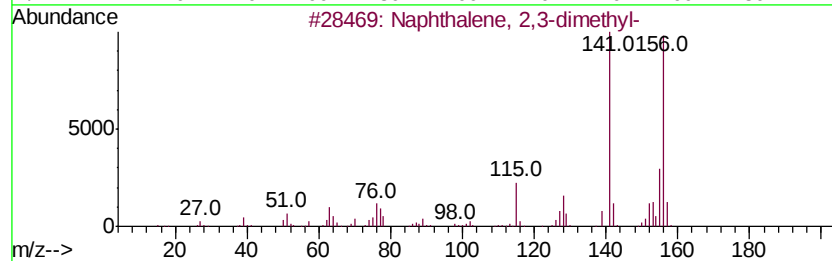
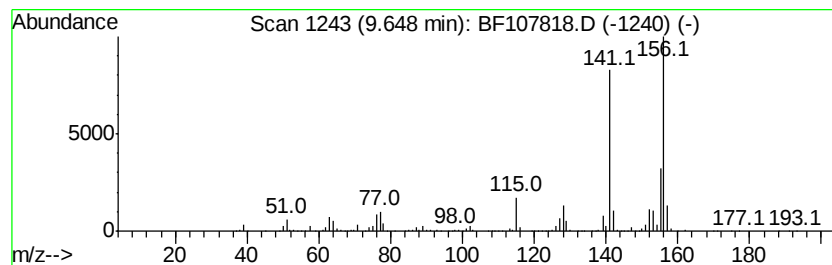
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	35.19 ng	1721220	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

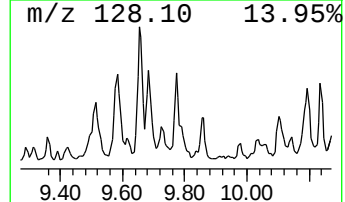
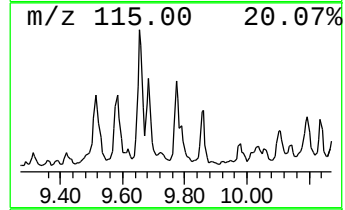
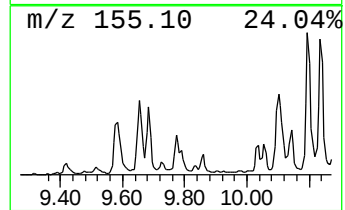
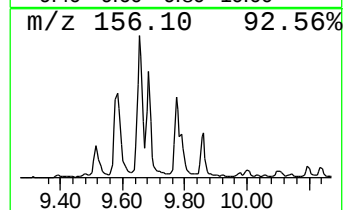
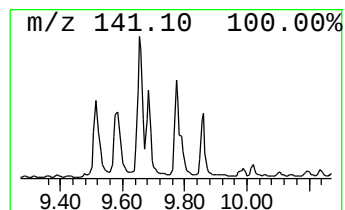
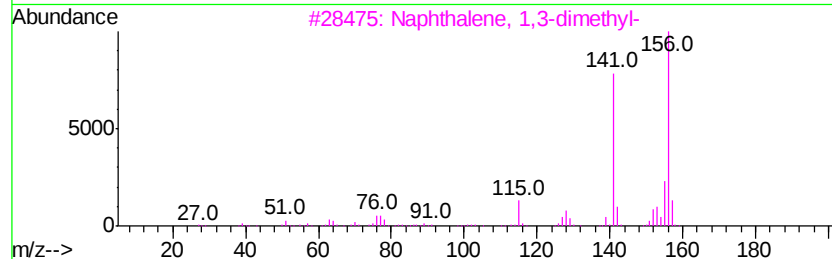
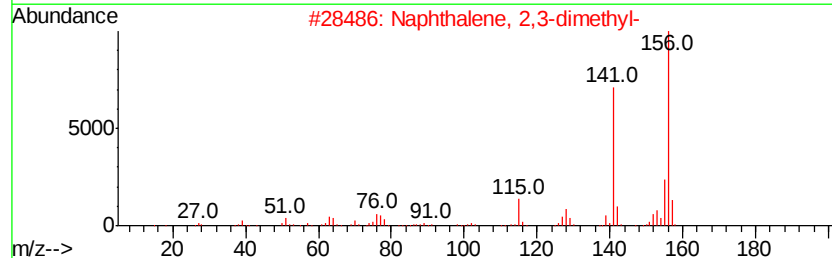
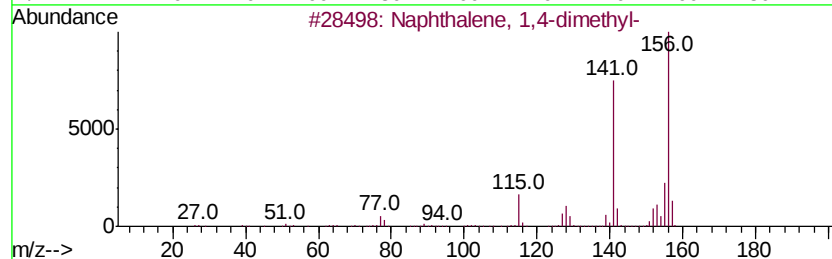
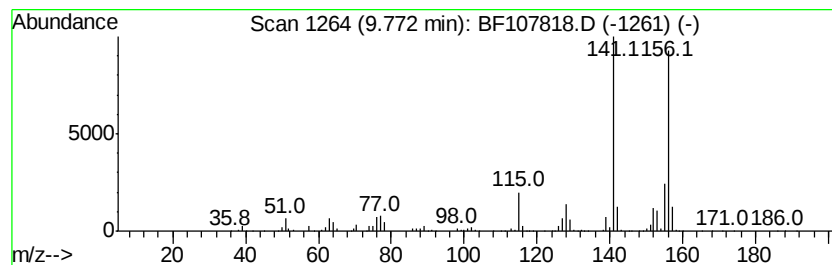
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	22.81 ng	1115740	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

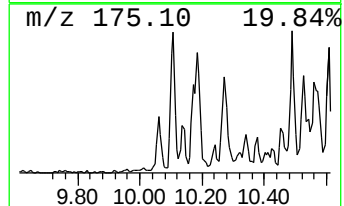
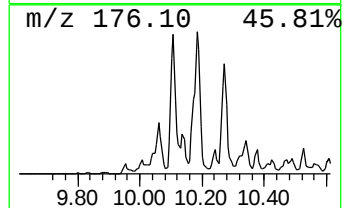
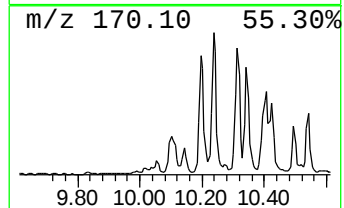
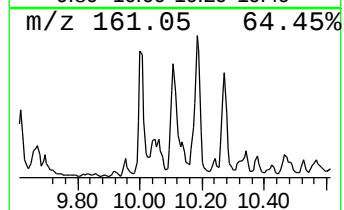
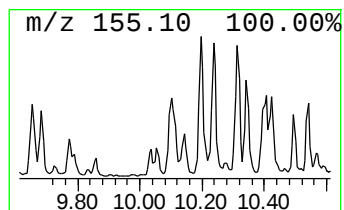
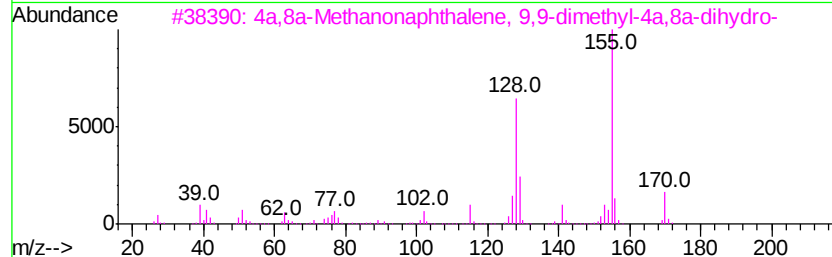
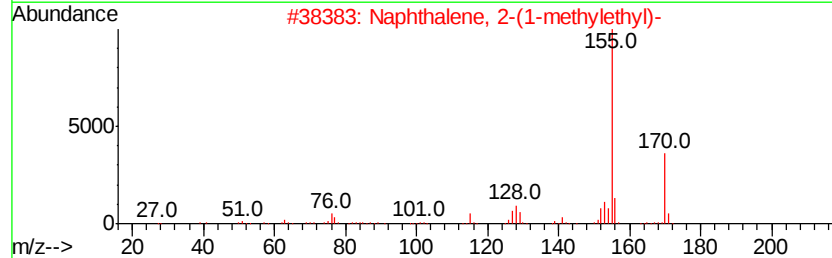
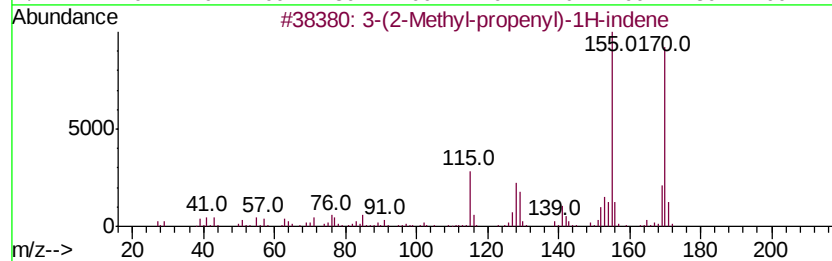
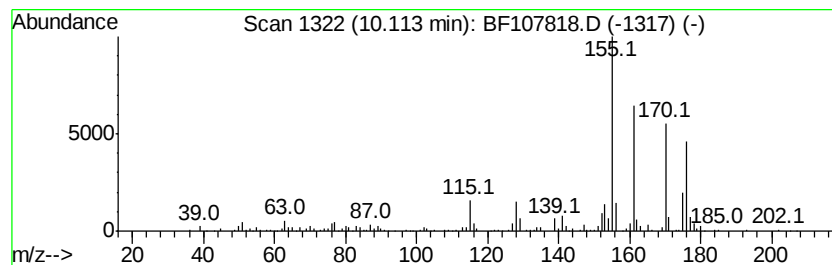
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	13.36 ng	653398	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	55
3		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	49
4		Naphthalene, 2-methyl-1-propenyl-	184	C14H16	054774-89-9	46
5		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

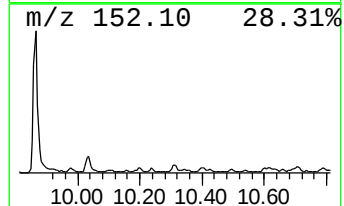
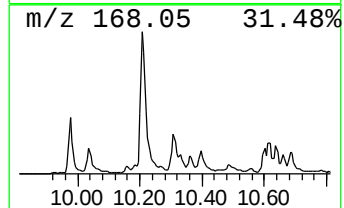
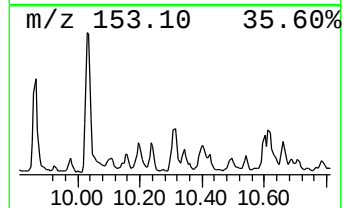
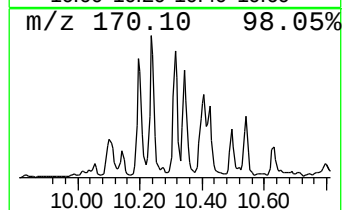
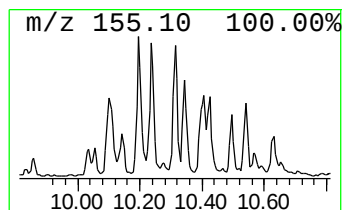
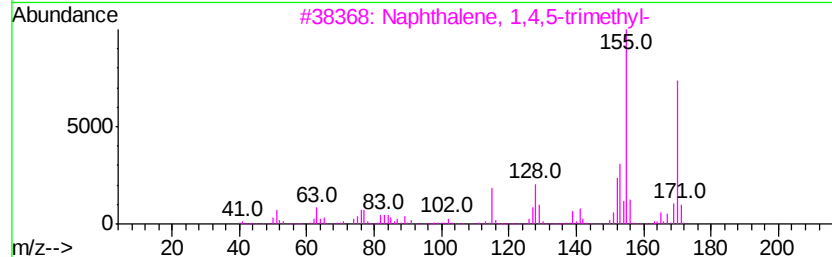
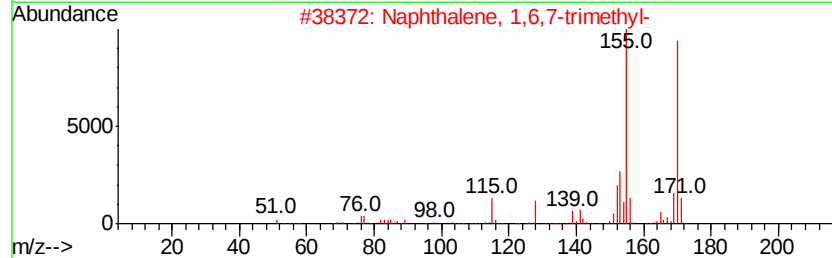
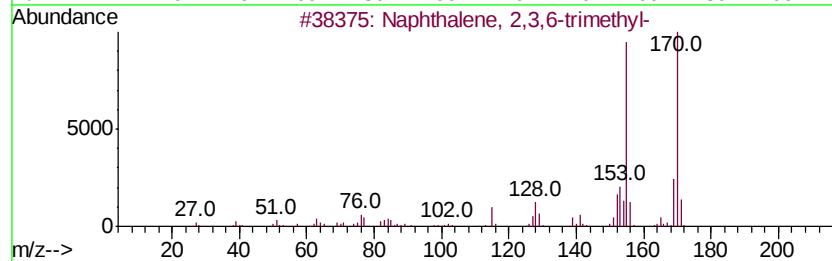
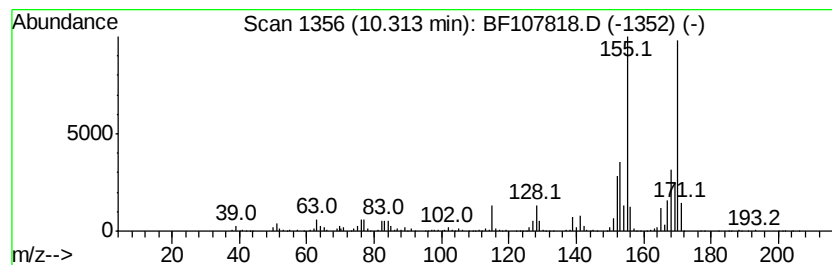
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	21.22 ng	1037990	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

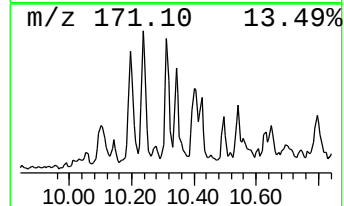
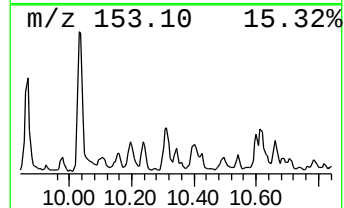
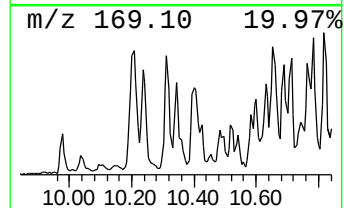
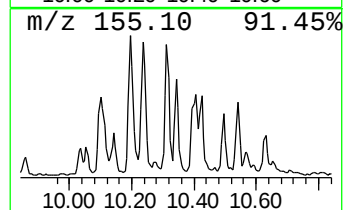
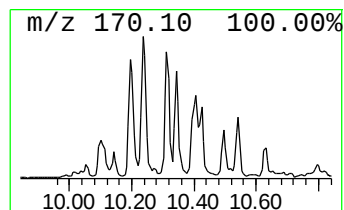
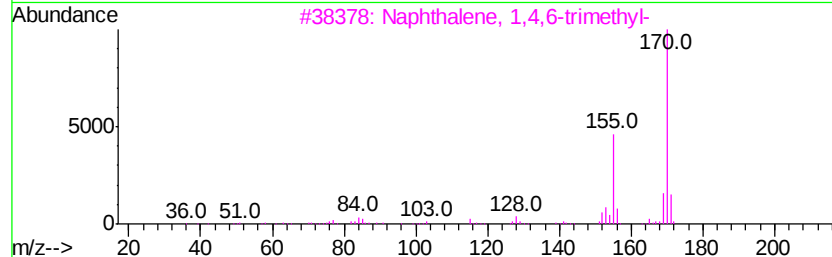
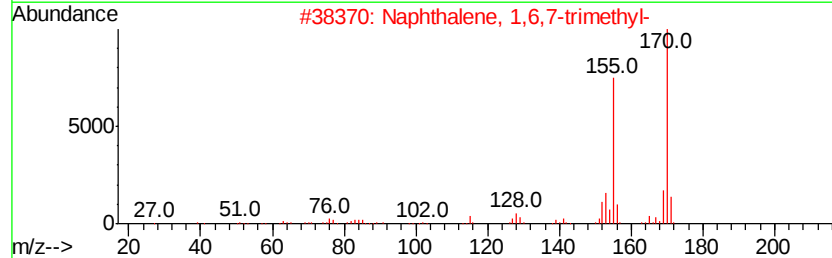
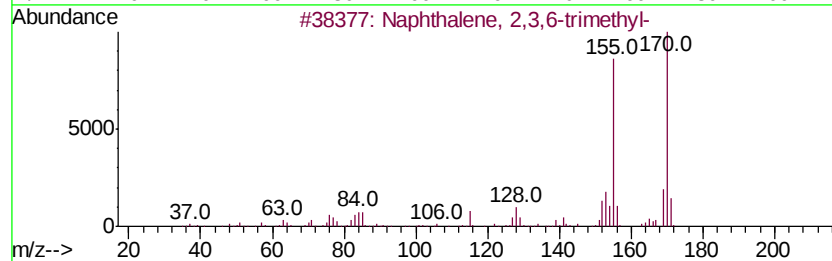
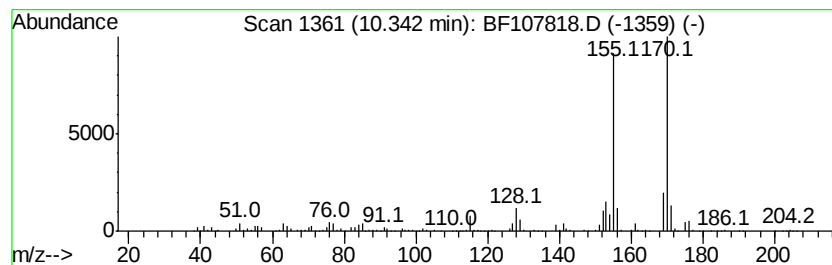
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	9.84 ng	481123	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

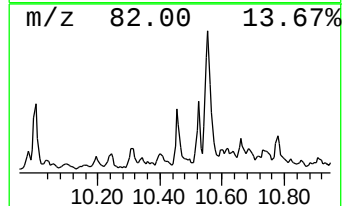
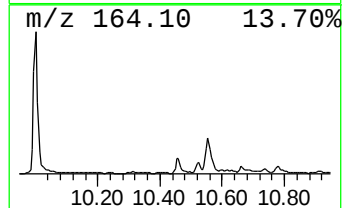
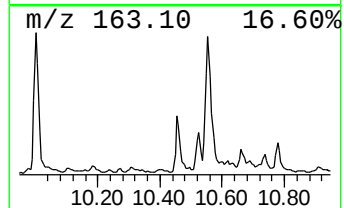
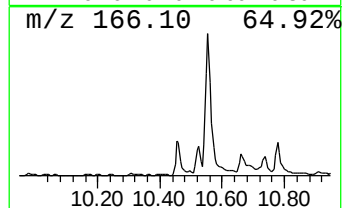
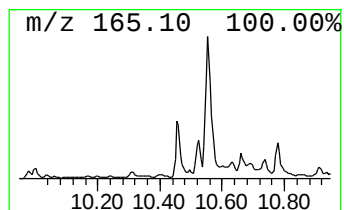
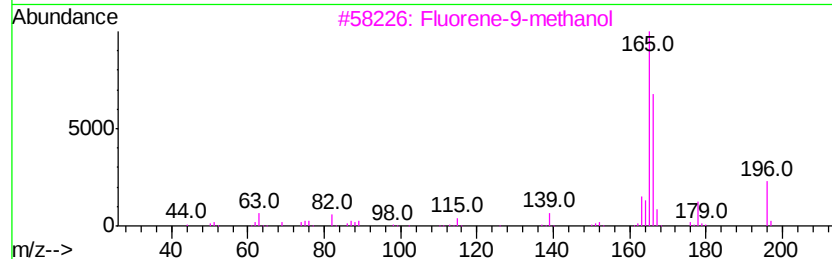
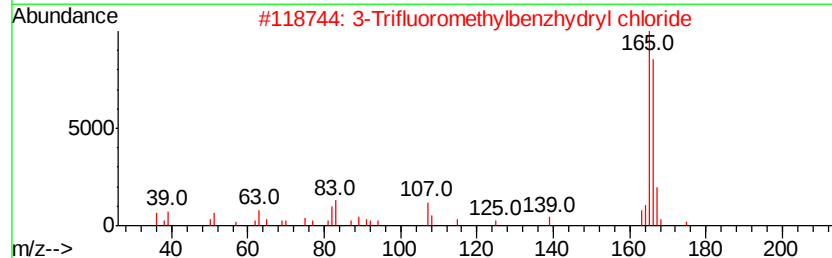
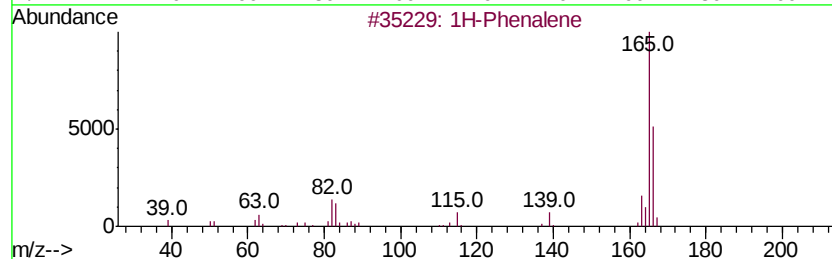
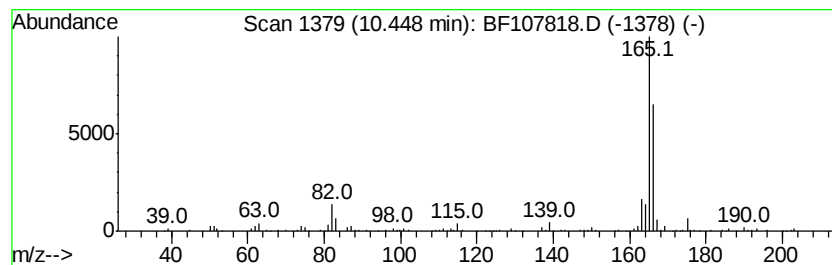
Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Phenalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	12.81 ng	626583	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	83
2	3-Trifluoromethylbenzhdryl chlo...	270	C14H10ClF3	067240-79-3	64
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	56
4	Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	53
5	Fluorene	166	C13H10	000086-73-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

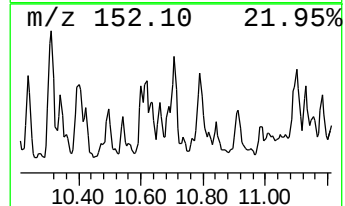
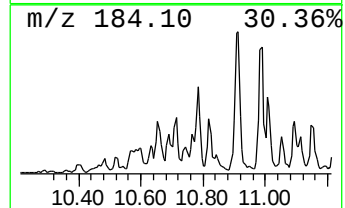
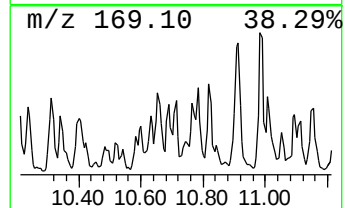
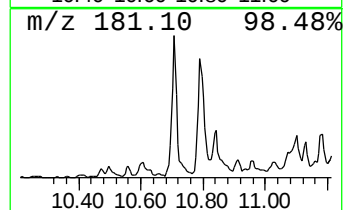
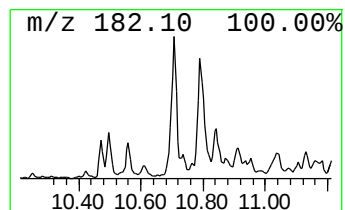
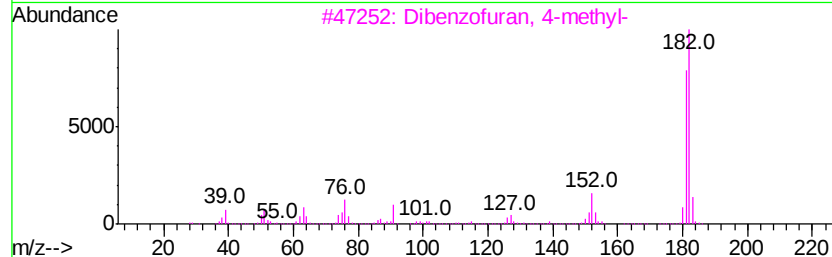
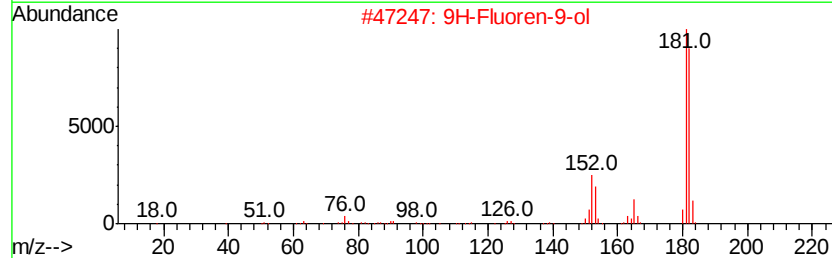
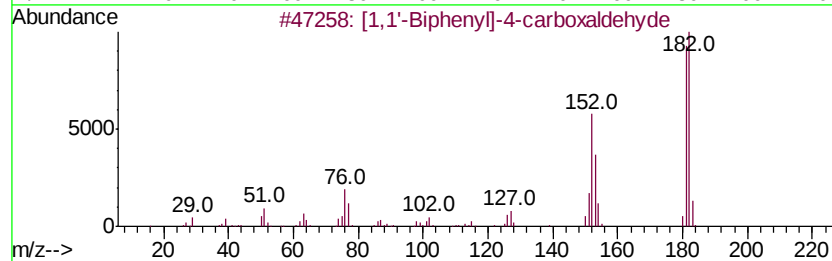
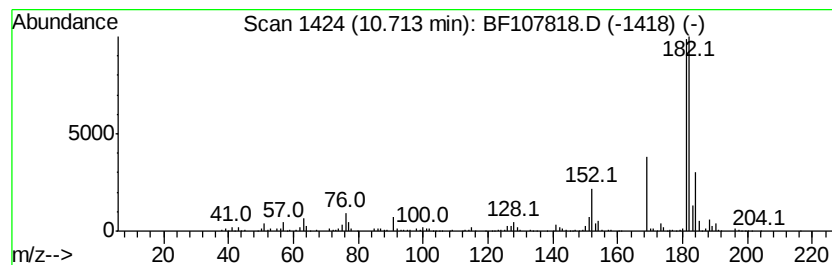
Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.71	16.91 ng	827059	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	59
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

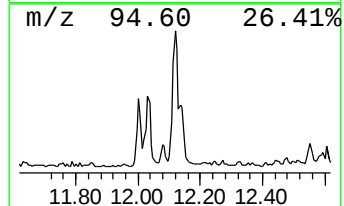
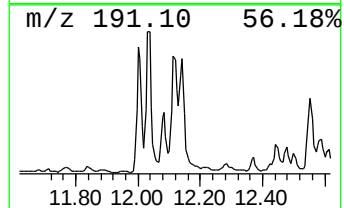
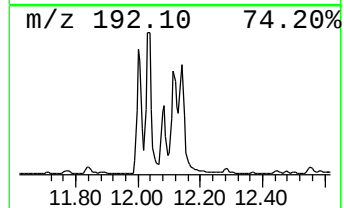
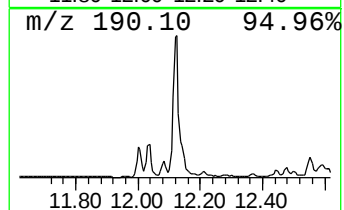
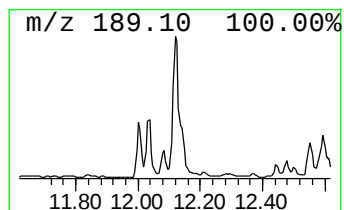
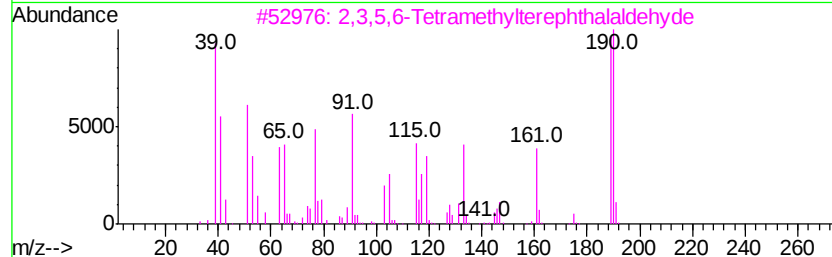
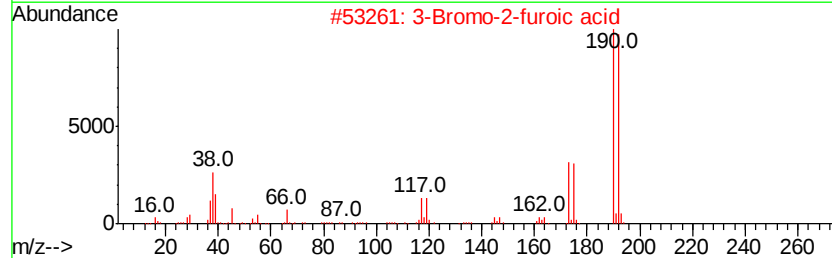
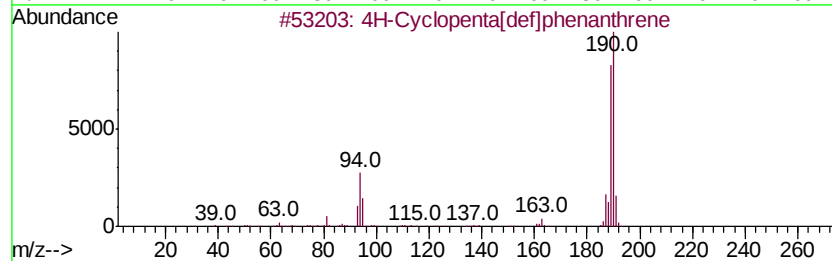
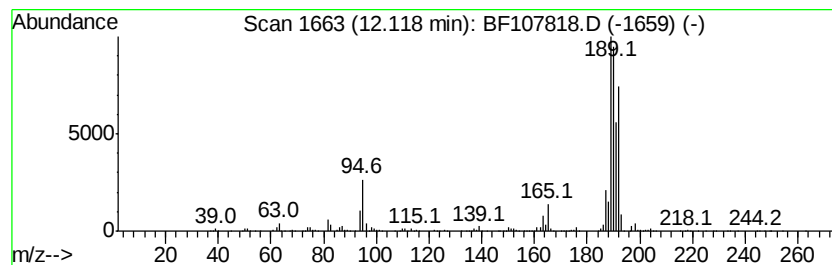
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	8.42 ng	4266320	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	35
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	30
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

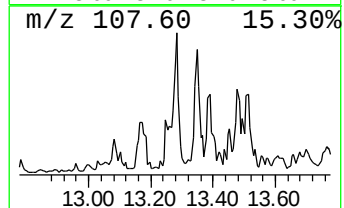
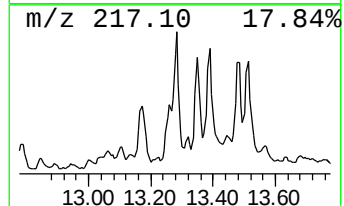
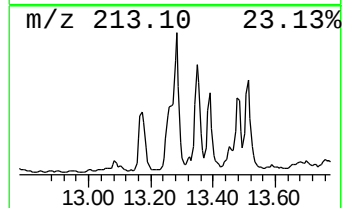
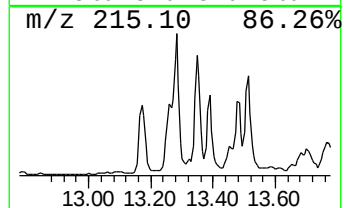
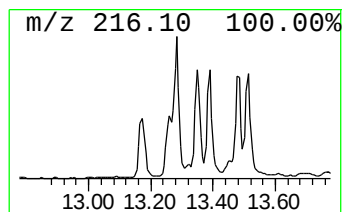
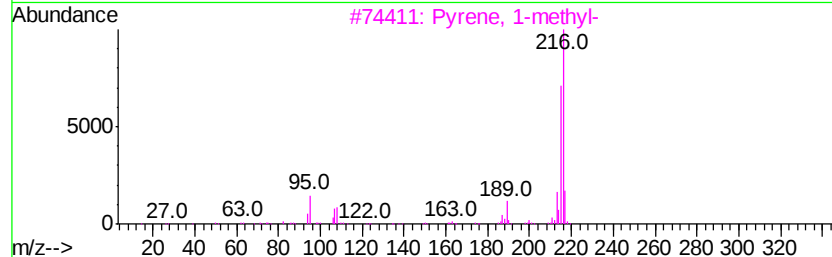
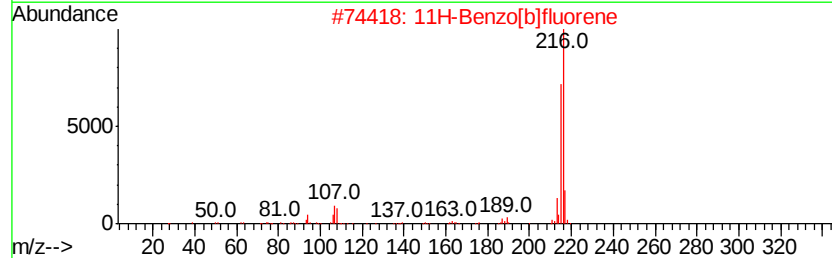
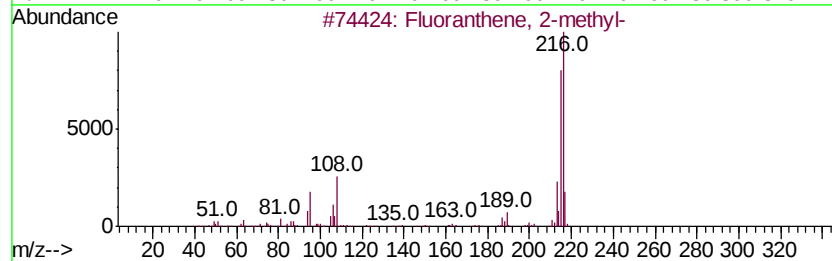
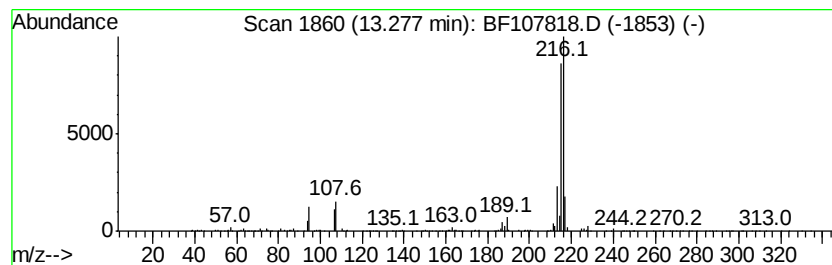
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	11.38 ng	4453060	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

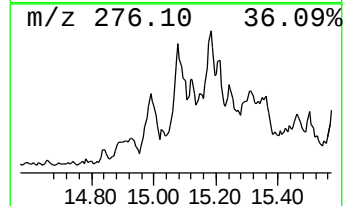
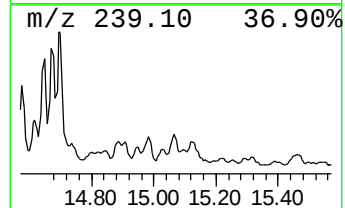
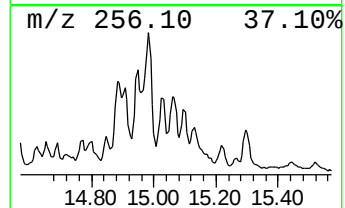
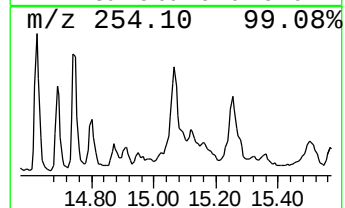
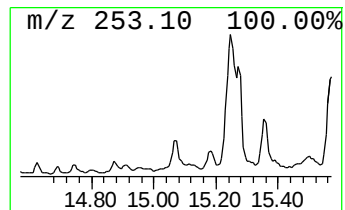
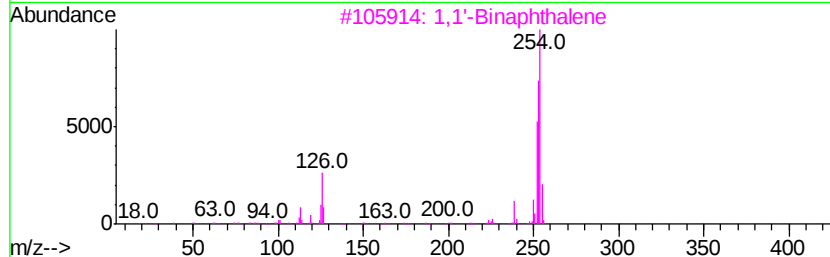
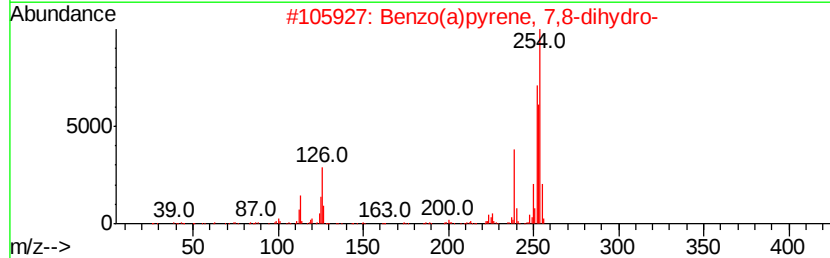
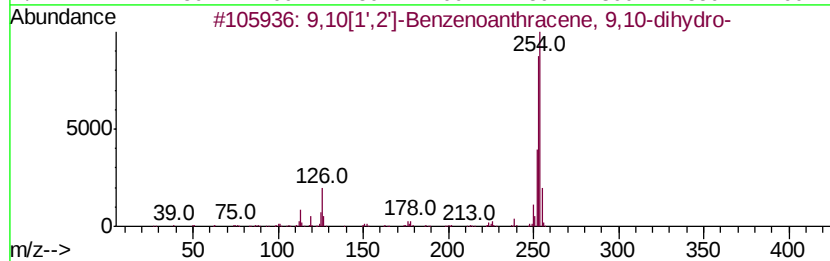
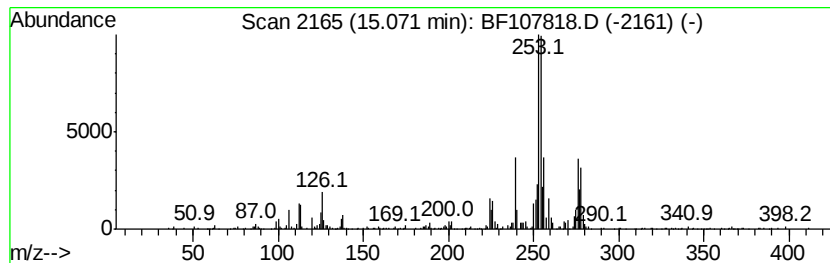
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,10[1',2']-Benzenoanthracene... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	13.36 ng	480536	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	90
2		Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	86
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	55
4		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107818.D
Acq On : 30 Jul 2018 23:27
Operator : JU/SJ
Sample : J4164-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

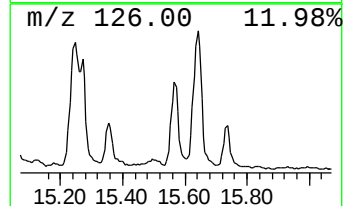
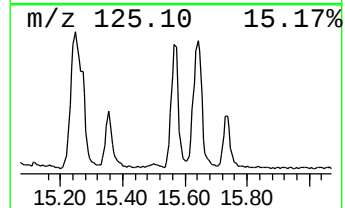
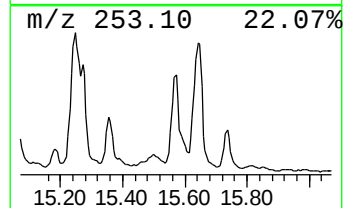
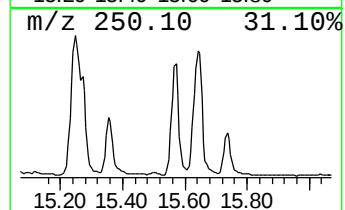
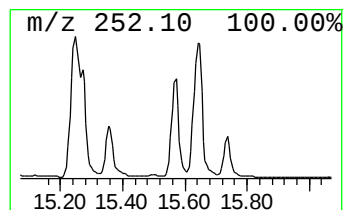
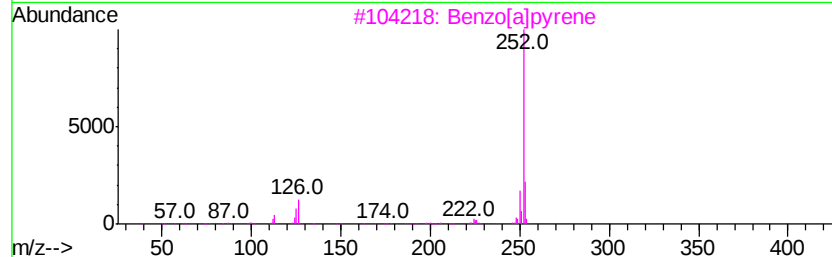
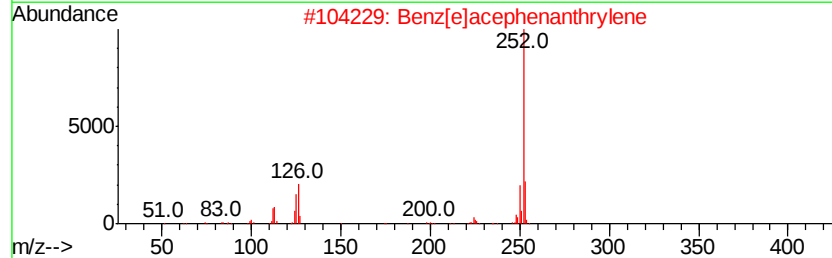
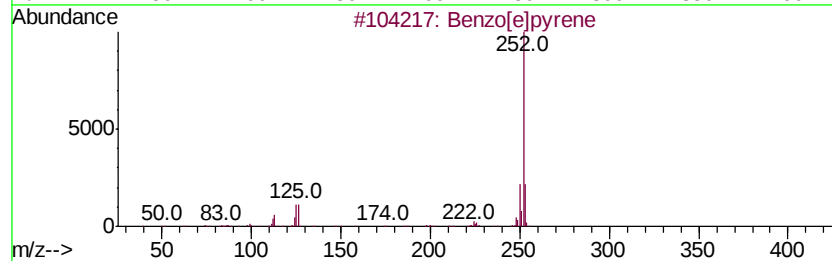
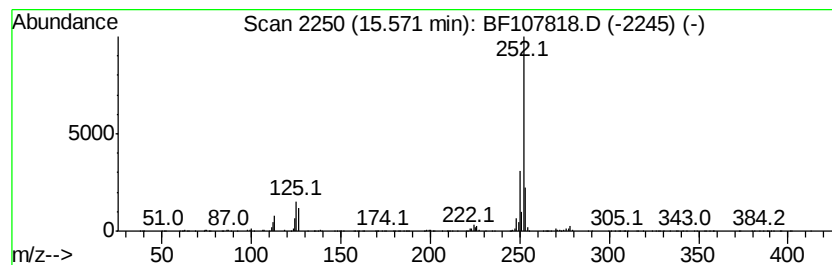
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	78.46 ng	2821370	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107818.D
 Acq On : 30 Jul 2018 23:27
 Operator : JU/SJ
 Sample : J4164-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
2-Pentanone, 4-hy...	5.20	15.2	ng	754987	1	6.96	994802	20.0
unknown6.74	6.74	75.1	ng	3737210	1	6.96	994802	20.0
Naphthalene, 1-me...	9.05	20.1	ng	1254040	2	8.24	1248440	20.0
Naphthalene, 1-et...	9.51	13.9	ng	680454	3	10.00	978201	20.0
Naphthalene, 1,6-...	9.58	26.8	ng	1309840	3	10.00	978201	20.0
Naphthalene, 2,3-...	9.65	35.2	ng	1721220	3	10.00	978201	20.0
Naphthalene, 1,4-...	9.77	22.8	ng	1115740	3	10.00	978201	20.0
3-(2-Methyl-prope...	10.11	13.4	ng	653398	3	10.00	978201	20.0
Naphthalene, 2,3,...	10.31	21.2	ng	1037990	3	10.00	978201	20.0
Naphthalene, 1,6,...	10.34	9.8	ng	481123	3	10.00	978201	20.0
1H-Phenylene	10.45	12.8	ng	626583	3	10.00	978201	20.0
[1,1'-Biphenyl]-4...	10.71	16.9	ng	827059	3	10.00	978201	20.0
4H-Cyclopenta[def...	12.12	8.4	ng	4266320	4	11.50	10139800	20.0
Fluoranthene, 2-m...	13.28	11.4	ng	4453060	5	14.17	7827750	20.0
9,10[1',2']-Benze...	15.07	13.4	ng	480536	6	15.70	719227	20.0
Benzo[e]pyrene	15.57	78.5	ng	2821370	6	15.70	719227	20.0