

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107241.D
 Acq On : 9 Jul 2018 20:48
 Operator : JU/SJ
 Sample : J3879-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.184	480	484	494	rBV	89854	108358	11.75%	0.964%
2	5.596	550	554	575	rBV	758866	767552	83.22%	6.825%
3	6.601	721	725	735	rBV	723679	771074	83.60%	6.857%
4	6.725	743	746	750	rBV	752542	748601	81.17%	6.657%
5	6.760	750	752	760	rVB4	11123	12487	1.35%	0.111%
6	6.948	780	784	789	rBB	266646	222369	24.11%	1.977%
7	7.101	806	810	814	rBV	669758	599738	65.03%	5.333%
8	7.513	876	880	889	rBV	473695	451235	48.92%	4.012%
9	8.231	998	1002	1005	rBV	280652	249960	27.10%	2.223%
10	8.254	1005	1006	1013	rVB2	34358	23520	2.55%	0.209%
11	8.948	1121	1124	1128	rBB	18849	17615	1.91%	0.157%
12	9.301	1180	1184	1188	rBV	852273	788125	85.45%	7.008%
13	9.366	1192	1195	1199	rVB	12803	12229	1.33%	0.109%
14	9.695	1245	1251	1257	rVB	148779	133968	14.53%	1.191%
15	9.854	1273	1278	1281	rBV	29464	26929	2.92%	0.239%
16	9.895	1281	1285	1287	rVB	13692	11140	1.21%	0.099%
17	9.989	1298	1301	1305	rBV	267457	257720	27.94%	2.292%
18	10.025	1305	1307	1310	rVB	27717	20629	2.24%	0.183%
19	10.195	1332	1336	1339	rBV2	17763	20110	2.18%	0.179%
20	10.395	1367	1370	1372	rBV2	23297	19524	2.12%	0.174%
21	10.542	1391	1395	1401	rVB2	24244	26114	2.83%	0.232%
22	10.613	1401	1407	1411	rBV4	9489	15930	1.73%	0.142%
23	10.695	1419	1421	1426	rVB	9849	9877	1.07%	0.088%
24	10.789	1433	1437	1443	rBV	515798	499308	54.14%	4.440%
25	10.878	1448	1452	1455	rVV2	18964	25500	2.76%	0.227%
26	11.089	1482	1488	1491	rBV4	10437	15083	1.64%	0.134%
27	11.242	1511	1514	1519	rVB5	7196	10752	1.17%	0.096%
28	11.295	1520	1523	1525	rBV	15487	14353	1.56%	0.128%
29	11.319	1525	1527	1530	rBV2	12241	14611	1.58%	0.130%
30	11.383	1536	1538	1543	rVB	15833	15007	1.63%	0.133%
31	11.489	1552	1556	1558	rBV	355822	299971	32.52%	2.667%
32	11.513	1558	1560	1563	rVV	292744	227230	24.64%	2.021%
33	11.566	1566	1569	1573	rBV	92154	76214	8.26%	0.678%
34	11.725	1591	1596	1598	rBV2	30246	29285	3.18%	0.260%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107241.D
 Acq On : 9 Jul 2018 20:48
 Operator : JU/SJ
 Sample : J3879-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.748	1598	1600	1603	rVB	17091	13305	1.44%	0.118%
36	11.825	1610	1613	1616	rVB2	12043	13229	1.43%	0.118%
37	11.901	1620	1626	1630	rBV5	7109	15777	1.71%	0.140%
38	11.948	1630	1634	1638	rBV7	6496	12894	1.40%	0.115%
39	11.989	1638	1641	1644	rBV	43911	45297	4.91%	0.403%
40	12.019	1644	1646	1650	rVB	54994	50964	5.53%	0.453%
41	12.072	1651	1655	1657	rBV	26149	23523	2.55%	0.209%
42	12.107	1657	1661	1663	rBV2	73896	82245	8.92%	0.731%
43	12.130	1663	1665	1667	rVB	34139	27013	2.93%	0.240%
44	12.154	1667	1669	1671	rBV	13776	10584	1.15%	0.094%
45	12.283	1688	1691	1694	rBV	43025	39246	4.26%	0.349%
46	12.325	1695	1698	1701	rVB2	28583	26954	2.92%	0.240%
47	12.436	1712	1717	1720	rBV3	21033	29813	3.23%	0.265%
48	12.466	1720	1722	1725	rVV	18506	15212	1.65%	0.135%
49	12.542	1732	1735	1738	rBV	66185	67219	7.29%	0.598%
50	12.642	1747	1752	1758	rBV2	37399	64648	7.01%	0.575%
51	12.713	1760	1764	1767	rVV	547756	483753	52.45%	4.302%
52	12.748	1767	1770	1772	rVV2	17006	17711	1.92%	0.157%
53	12.772	1772	1774	1776	rVV2	18042	16306	1.77%	0.145%
54	12.807	1778	1780	1783	rVV	19653	19205	2.08%	0.171%
55	12.860	1787	1789	1792	rVV2	26692	31878	3.46%	0.283%
56	12.925	1796	1800	1801	rVV2	104699	113237	12.28%	1.007%
57	12.948	1801	1804	1808	rVV	471423	449608	48.75%	3.998%
58	12.989	1808	1811	1815	rVB	34935	39266	4.26%	0.349%
59	13.077	1821	1826	1828	rBV	923599	922318	100.00%	8.201%
60	13.107	1828	1831	1835	rVB	28238	33301	3.61%	0.296%
61	13.166	1835	1841	1845	rBV2	39294	75925	8.23%	0.675%
62	13.272	1857	1859	1862	rVB	88727	70922	7.69%	0.631%
63	13.336	1868	1870	1873	rBV	44238	36718	3.98%	0.327%
64	13.377	1875	1877	1879	rVB	33803	28012	3.04%	0.249%
65	13.472	1890	1893	1895	rBV	41613	39913	4.33%	0.355%
66	13.501	1896	1898	1901	rVV	35383	33729	3.66%	0.300%
67	13.619	1916	1918	1920	rBV	26433	18618	2.02%	0.166%
68	13.789	1944	1947	1951	rBV	43565	40713	4.41%	0.362%
69	13.895	1963	1965	1967	rBV	46413	36710	3.98%	0.326%
70	13.919	1967	1969	1972	rVB	36853	31690	3.44%	0.282%
71	13.948	1972	1974	1980	rBV3	91291	116215	12.60%	1.033%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.089	1995	1998	2000	rVB	47251	43077	4.67%	0.383%
73	14.148	2003	2008	2011	rVV2	329904	493202	53.47%	4.386%
74	14.177	2011	2013	2016	rVB	199742	154565	16.76%	1.374%
75	14.260	2024	2027	2032	rBV2	53245	65805	7.13%	0.585%
76	14.571	2078	2080	2083	rBV	49949	46432	5.03%	0.413%
77	15.236	2189	2193	2201	rVB	150226	314416	34.09%	2.796%
78	15.560	2245	2248	2255	rBV	83267	101994	11.06%	0.907%
79	15.630	2257	2260	2266	rVB	119348	156643	16.98%	1.393%
80	15.695	2268	2271	2274	rBV	113597	133897	14.52%	1.191%

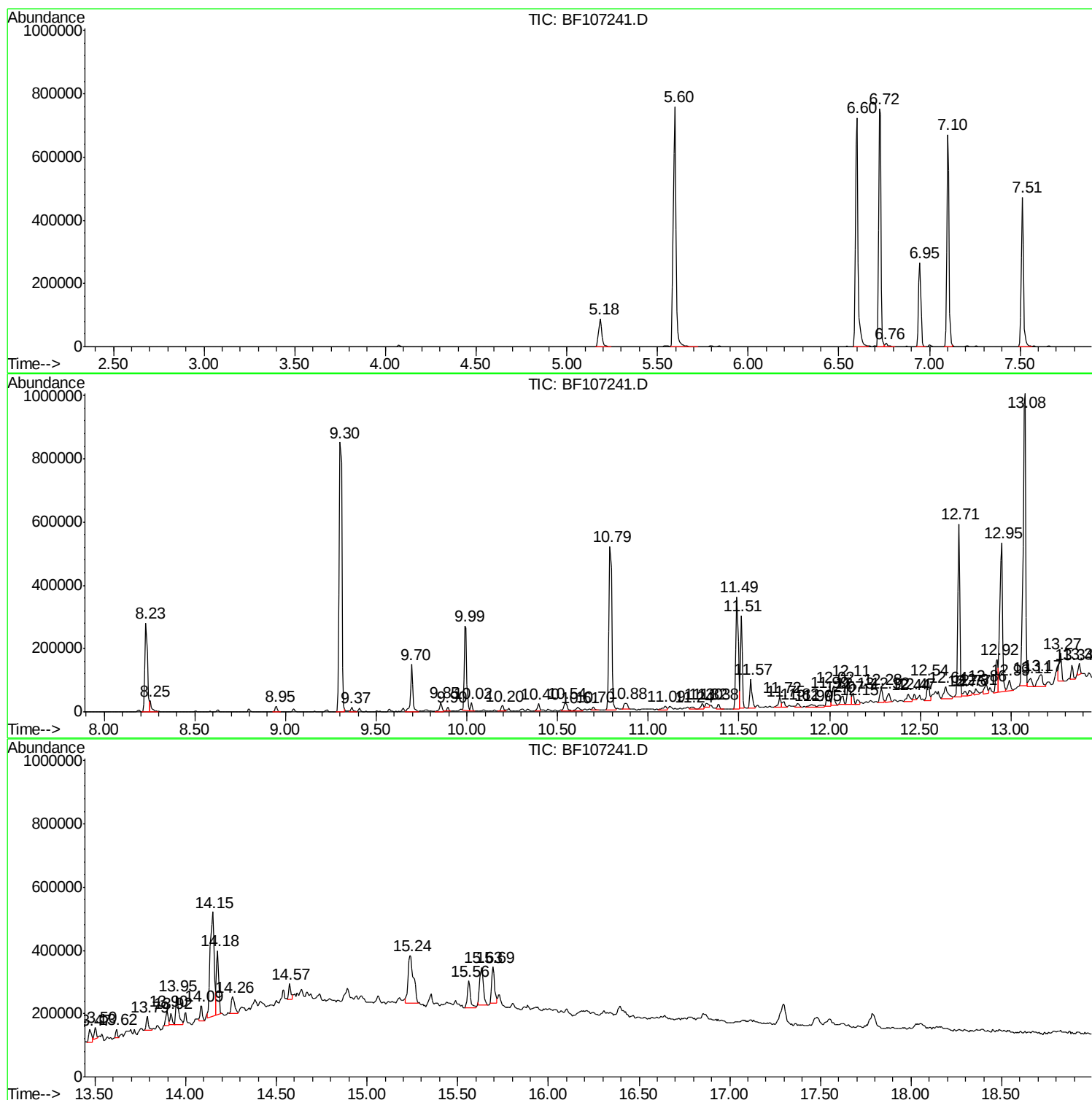
Sum of corrected areas: 11245820

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.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\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

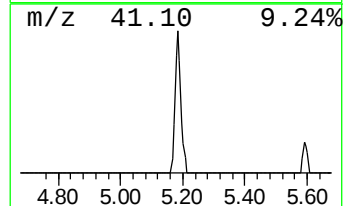
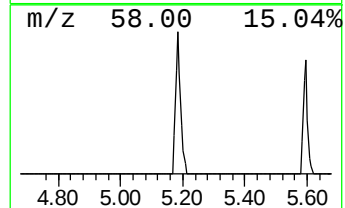
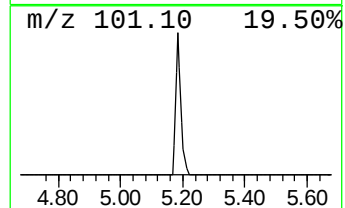
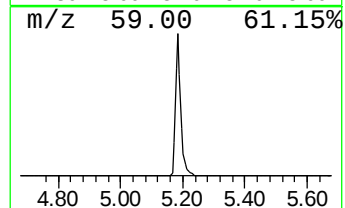
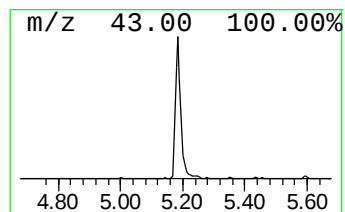
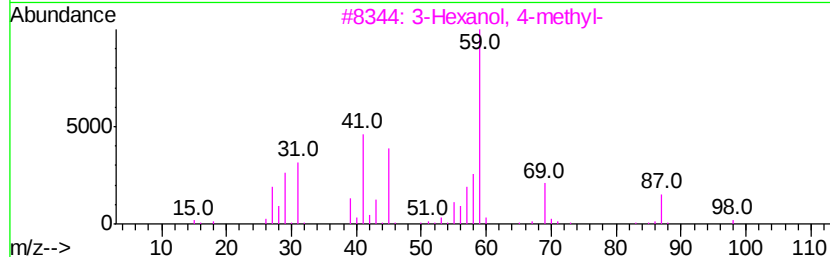
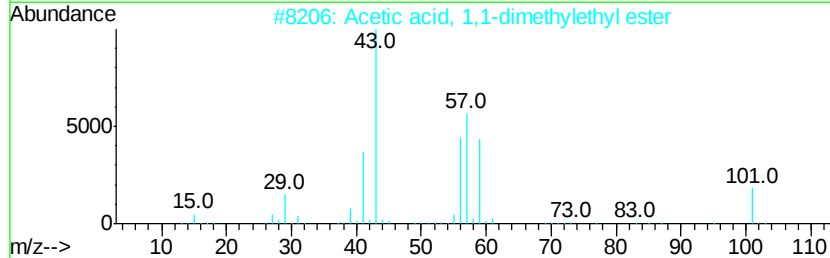
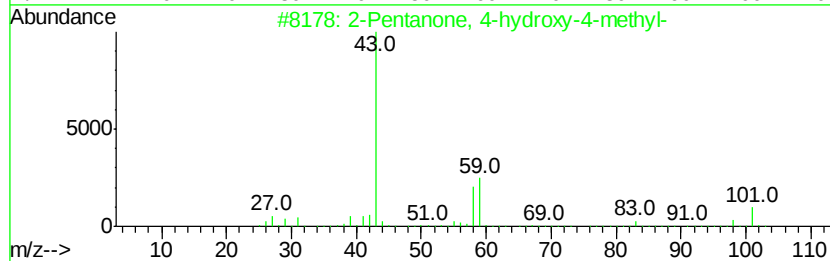
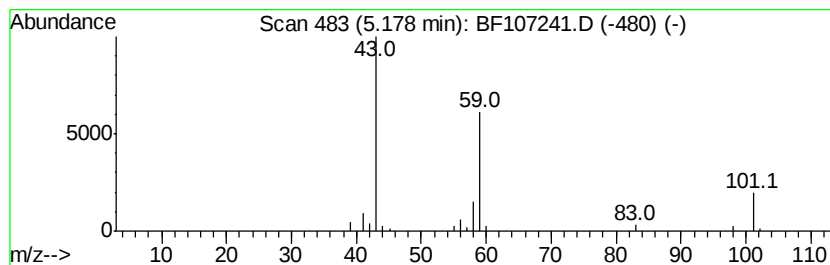
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.75 ng	108358	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

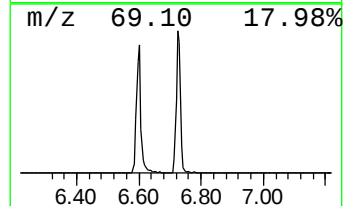
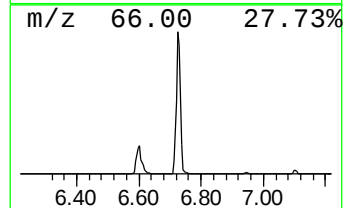
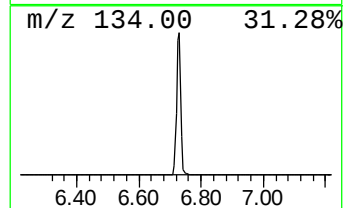
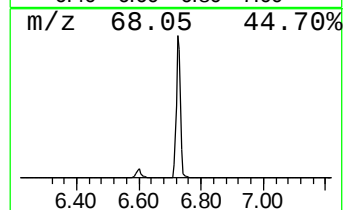
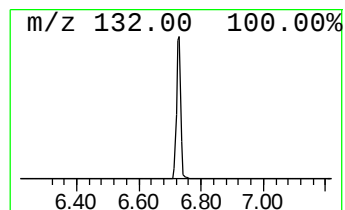
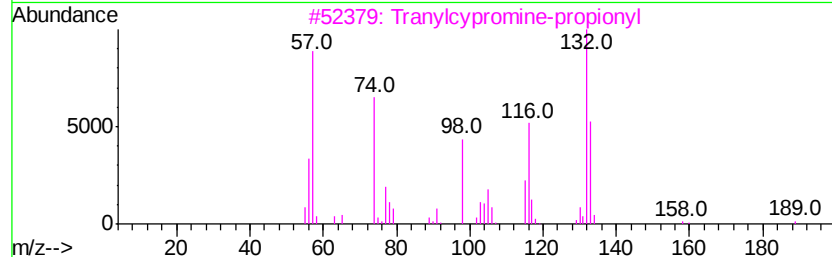
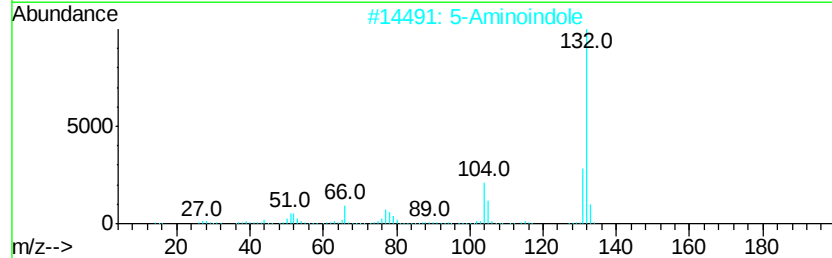
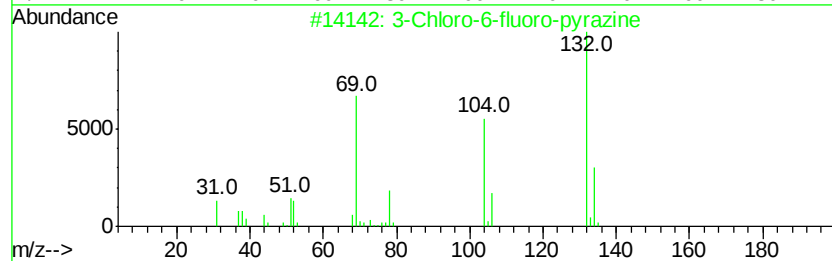
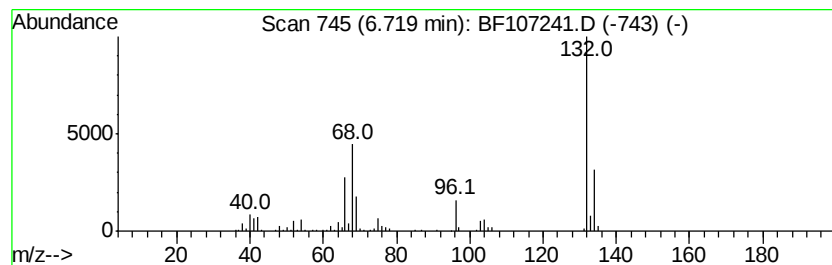
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	67.33 ng	748601	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

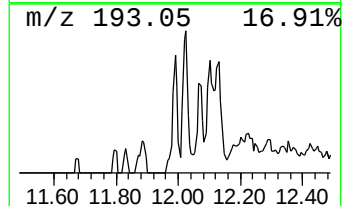
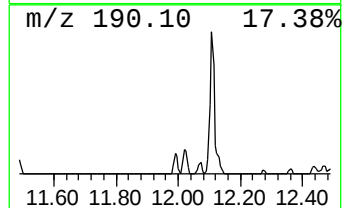
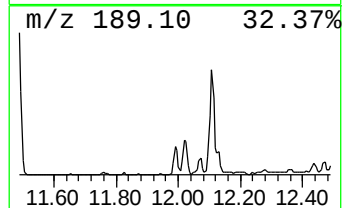
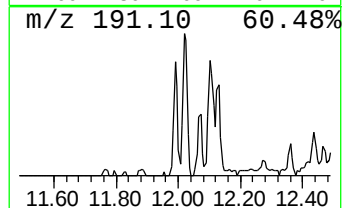
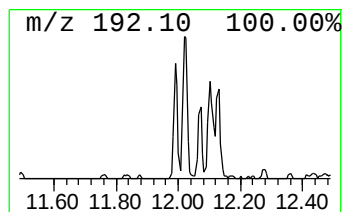
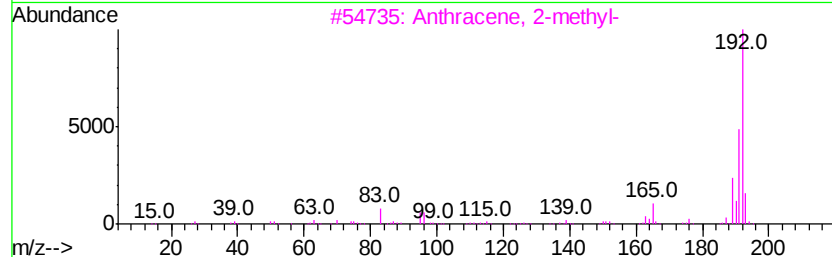
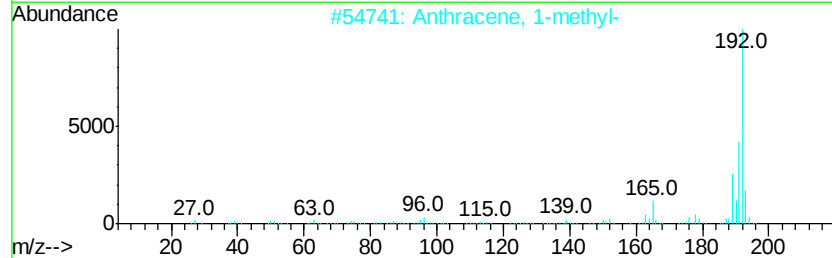
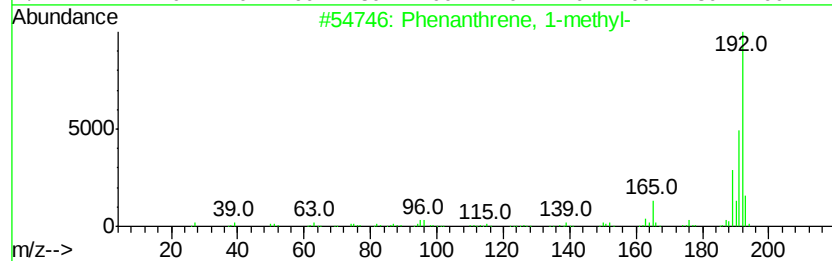
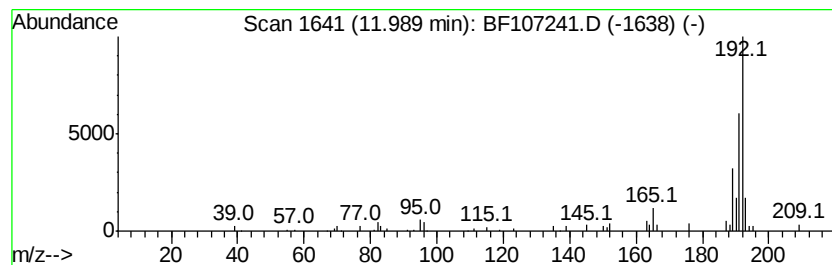
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.02 ng	45297	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

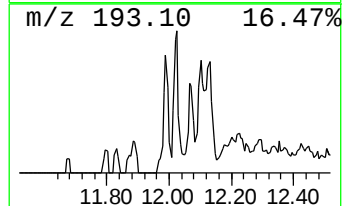
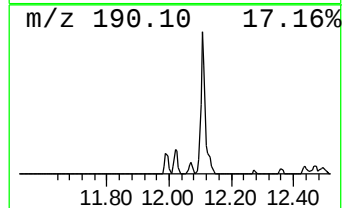
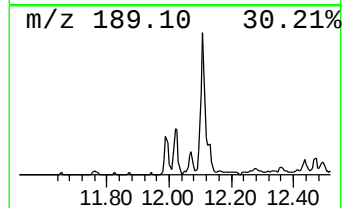
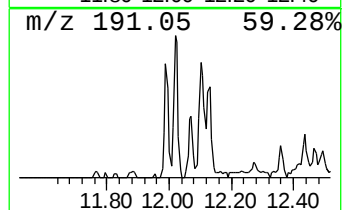
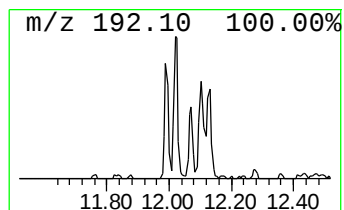
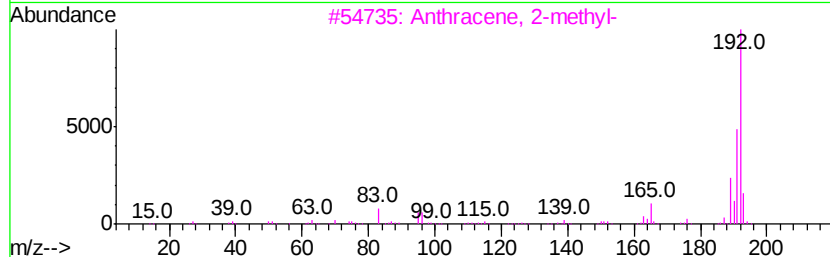
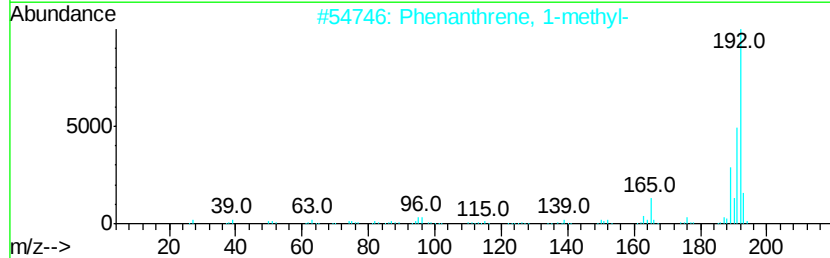
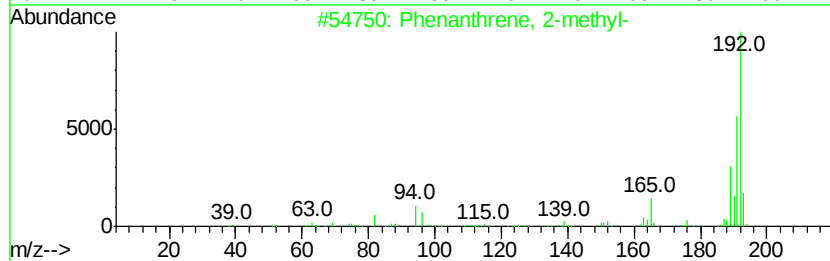
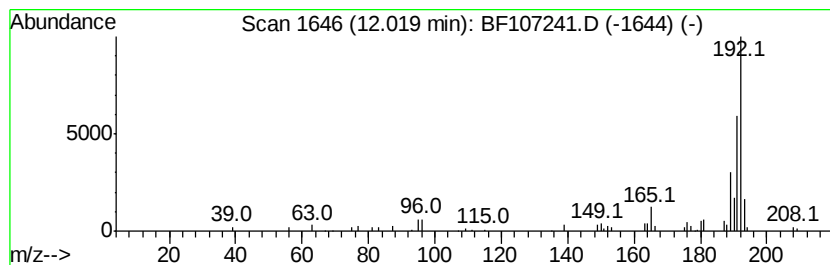
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.40 ng	50964	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

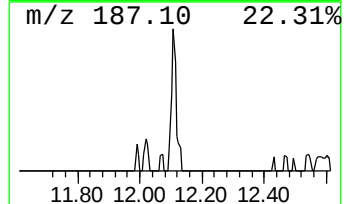
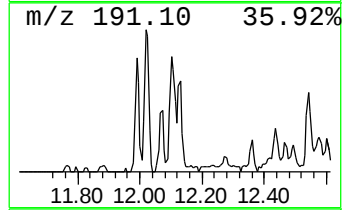
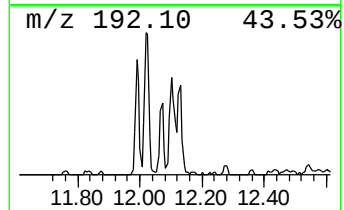
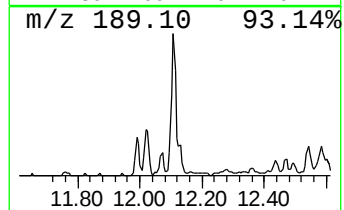
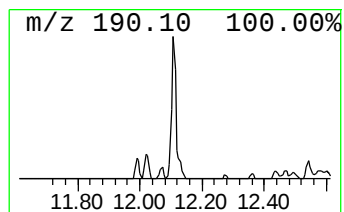
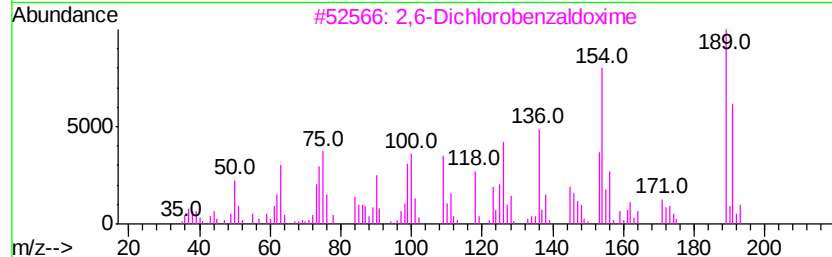
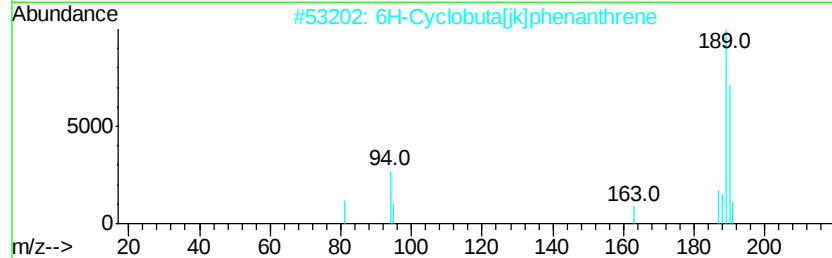
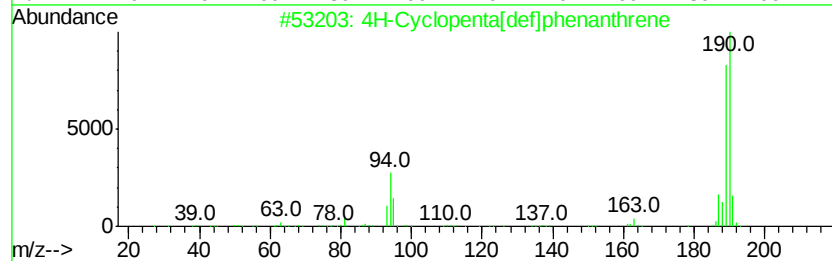
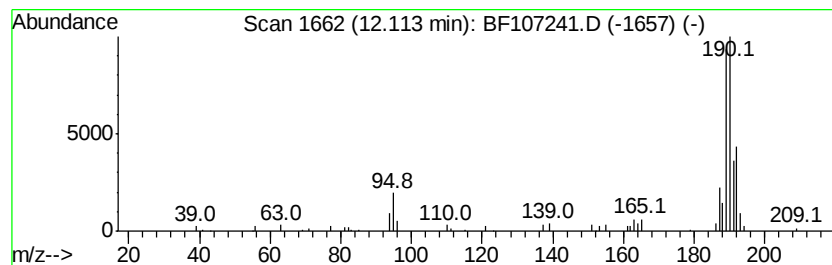
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.48 ng	82245	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	42
4		1-Aminocyclopentanecarboxylic ac...	431	C23H42ClN04	1000329-17-4	35
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

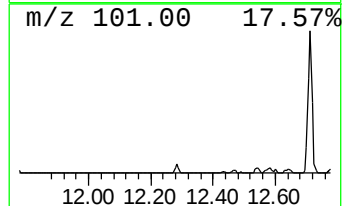
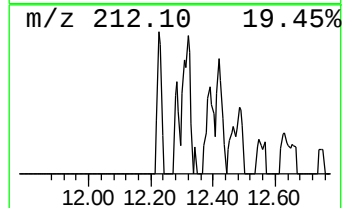
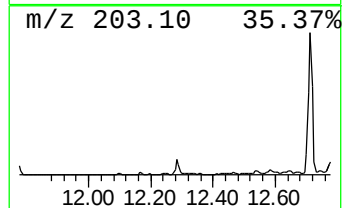
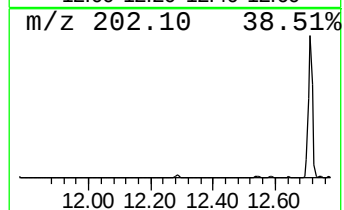
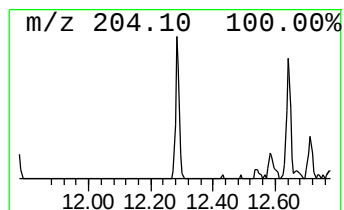
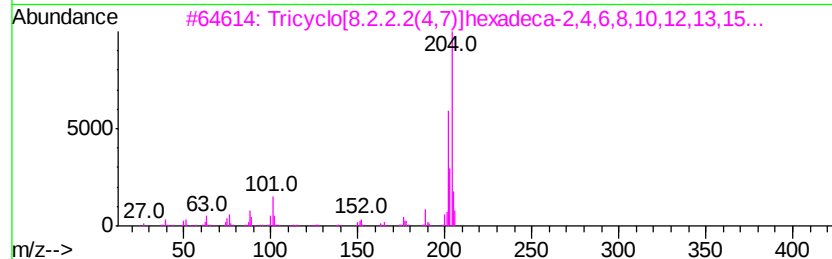
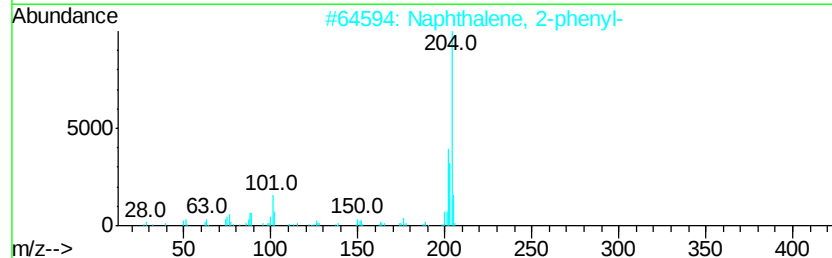
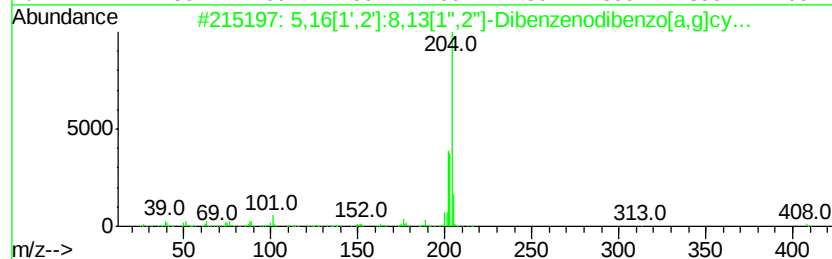
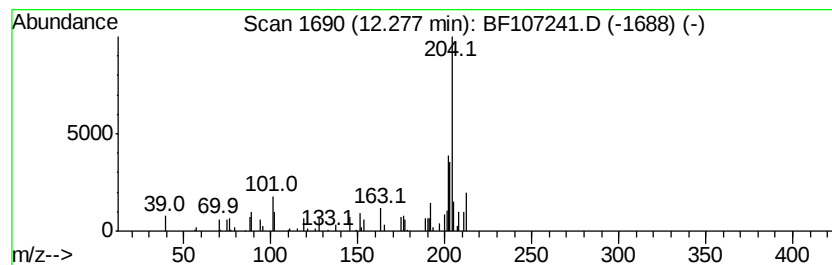
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.62 ng	39246	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual		
1	5,16	[1',2']	:8,13	[1'',2'']	-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-			204	C16H12	000612-94-2	70		
3	Tricyclo[8.2.2(4,7)]hexadeca-2...			204	C16H12	006572-60-7	58		
4	3,4-Biphenyldicarbonitrile			204	C14H8N2	004128-63-6	55		
5	9,10-Bis(bromomethyl)anthracene			362	C16H12Br2	034373-96-1	53		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

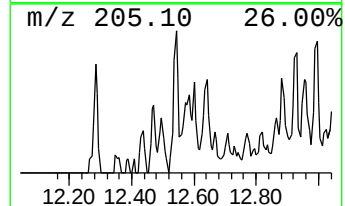
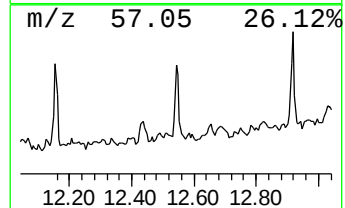
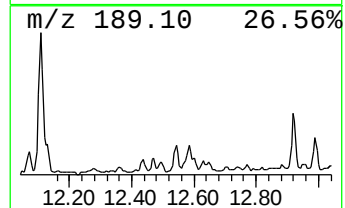
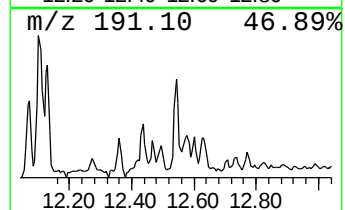
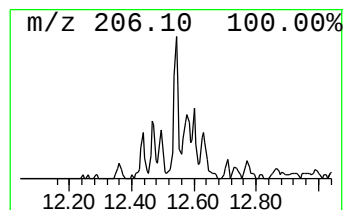
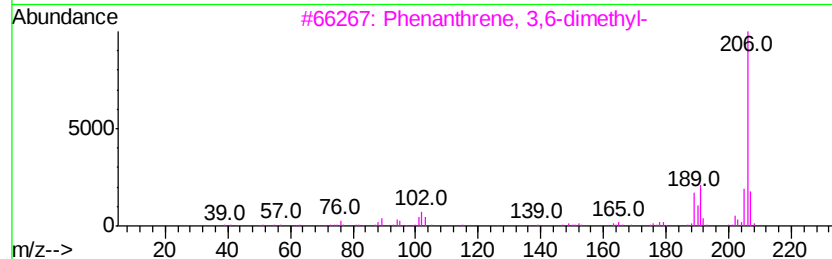
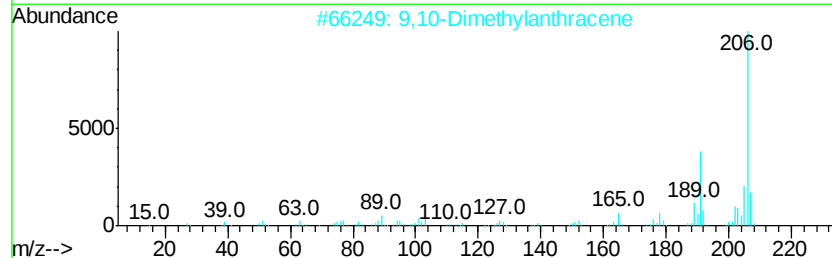
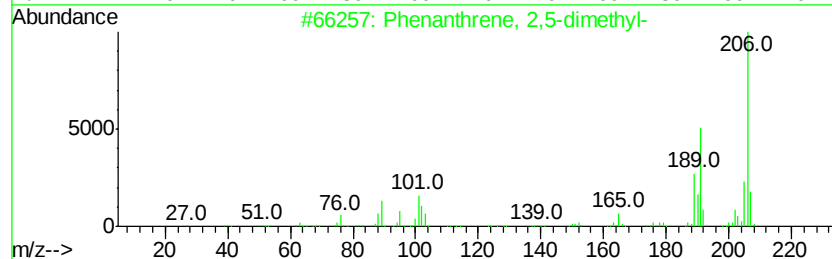
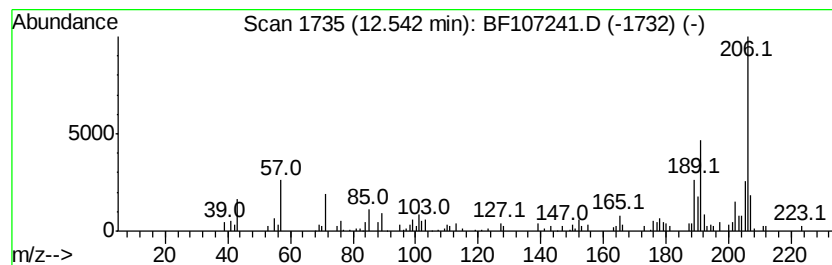
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.54	4.48 ng	67219	Phenanthrene-d10		11.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

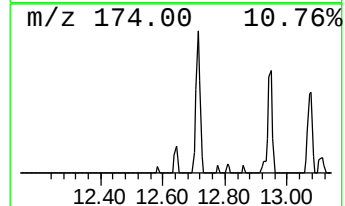
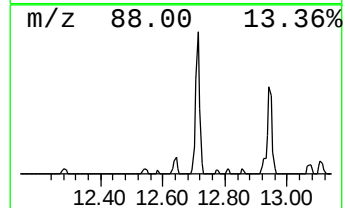
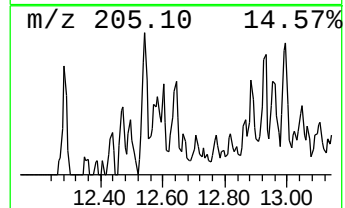
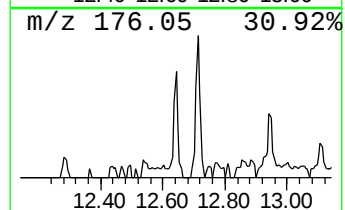
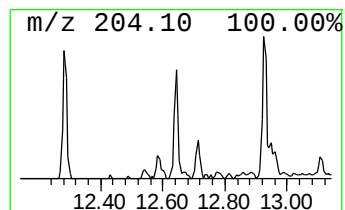
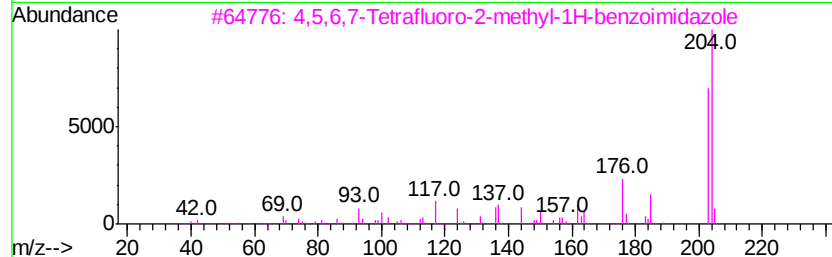
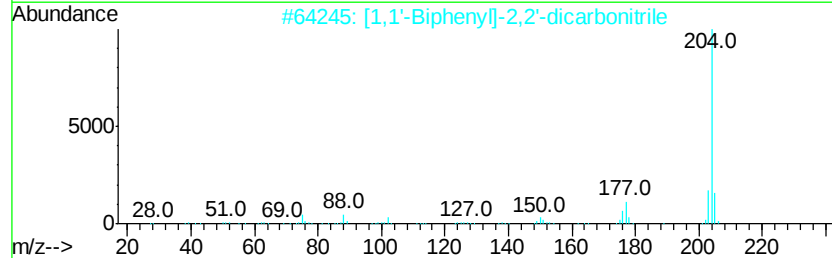
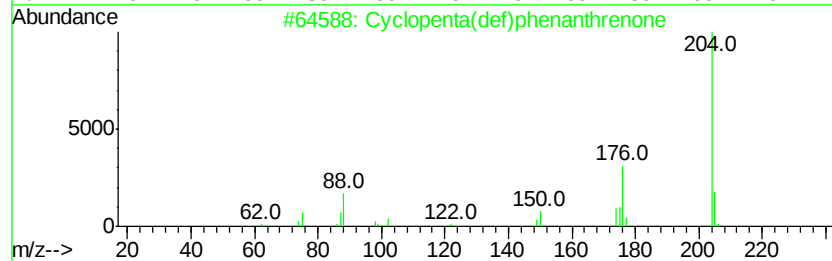
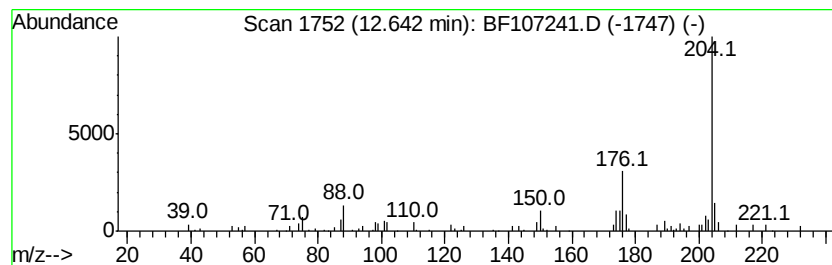
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	4.31 ng	64648	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3		4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	53
4		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
5		4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

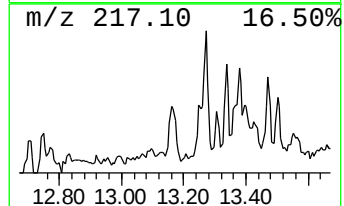
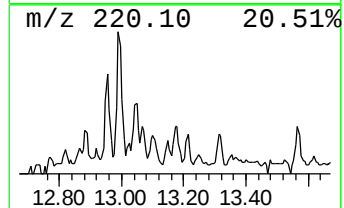
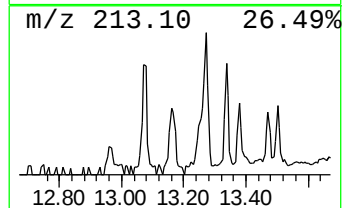
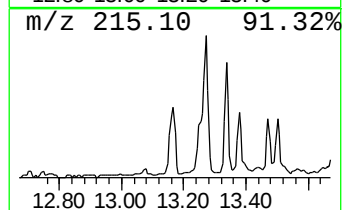
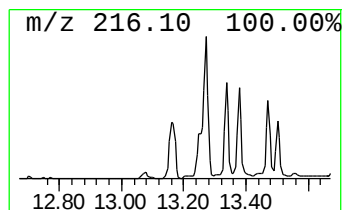
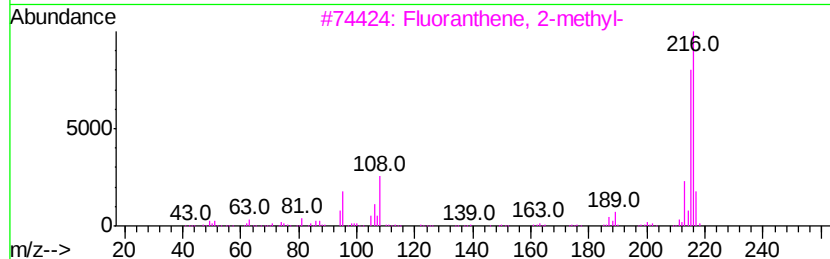
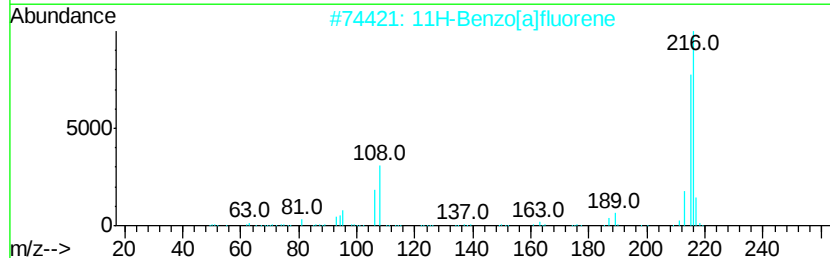
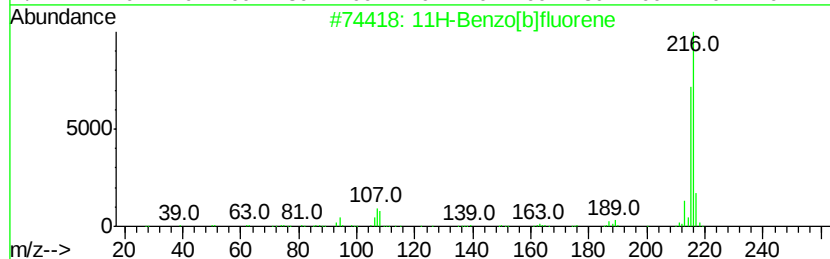
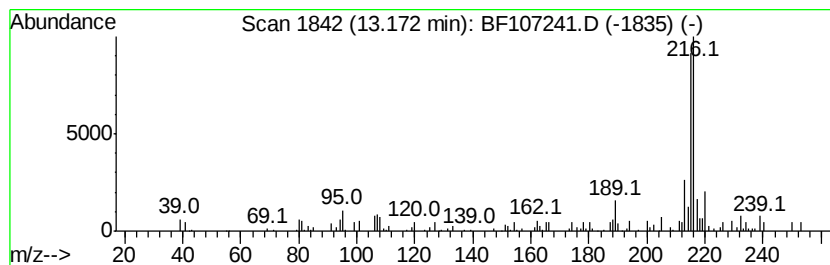
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.08 ng	75925	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

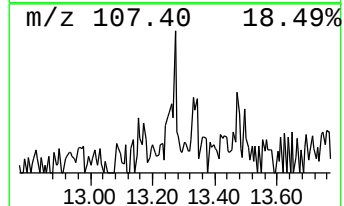
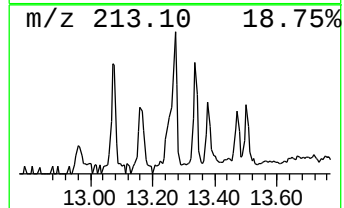
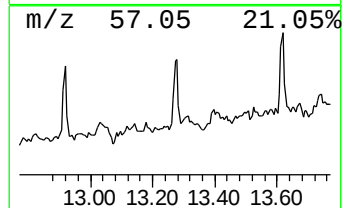
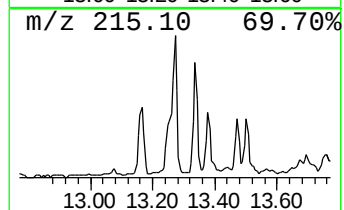
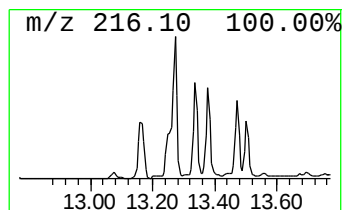
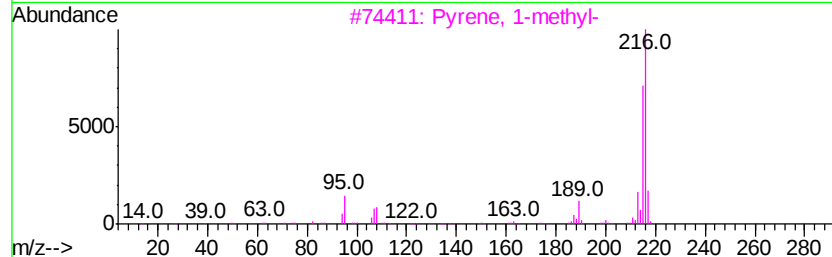
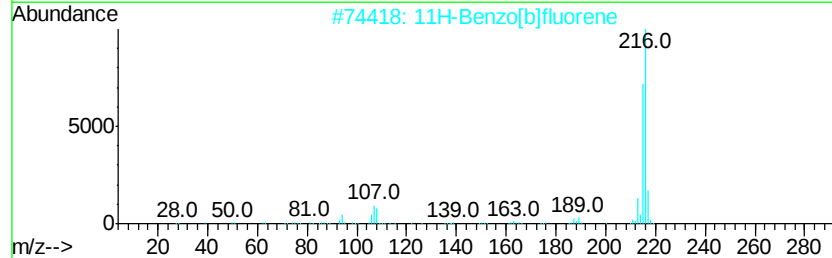
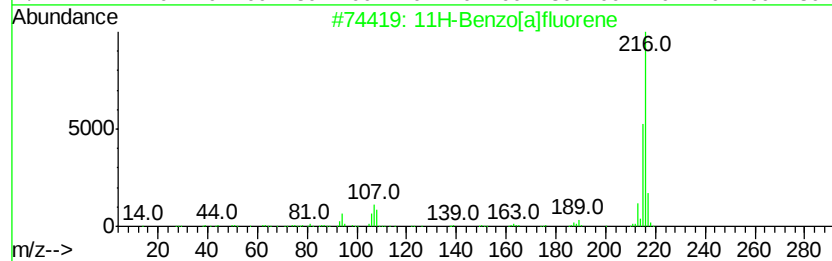
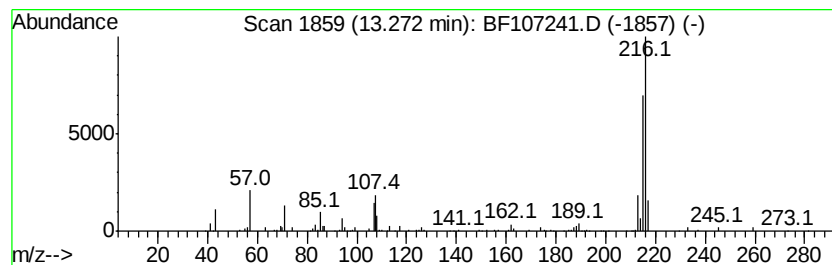
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.88 ng	70922	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	74
4		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

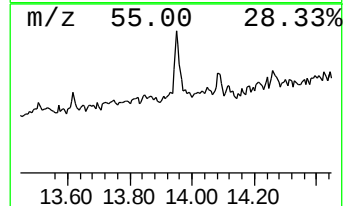
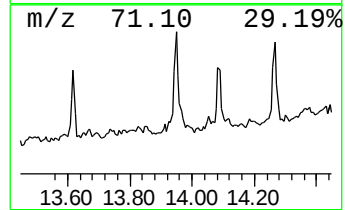
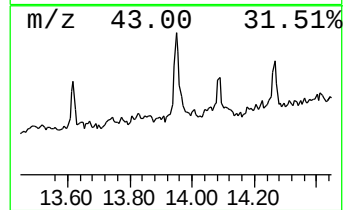
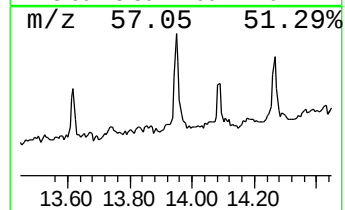
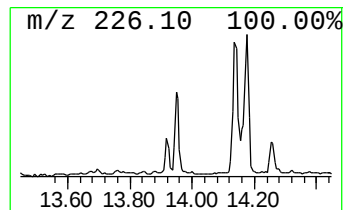
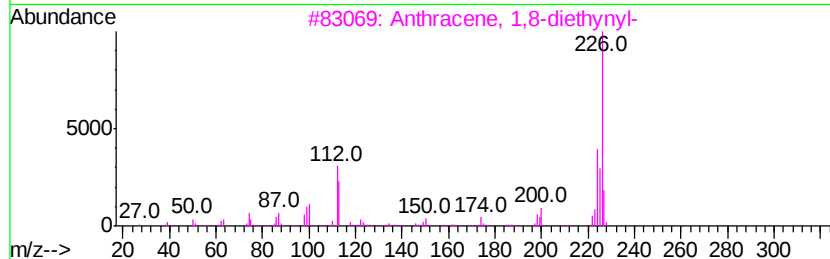
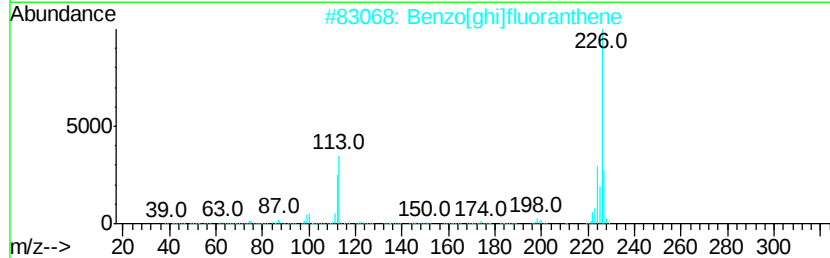
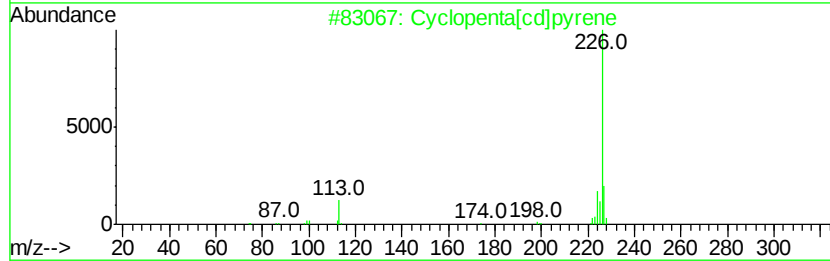
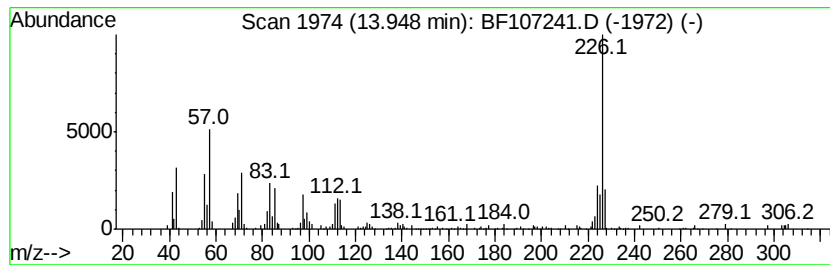
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.71 ng	116215	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 58
2		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 58
3		Anthracene, 1,8-diethynyl-	226 C18H10	078053-58-4 50
4		4-Naphthalen-2-yl-thiazol-2-ylamine	226 C13H10N2S	1000300-53-4 47
5		7-p-Tolyl-1,5-dihydro-imidazo[4,...	226 C12H10N4O	1000317-75-5 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

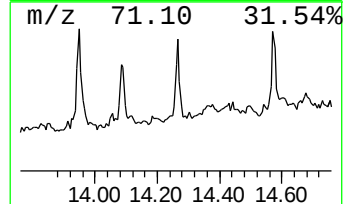
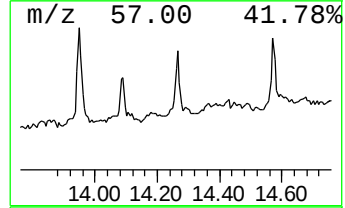
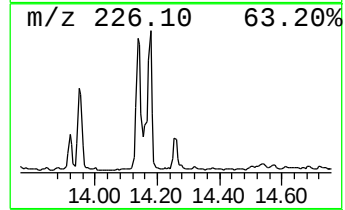
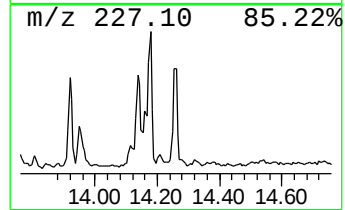
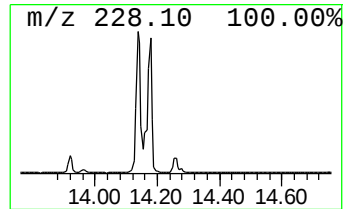
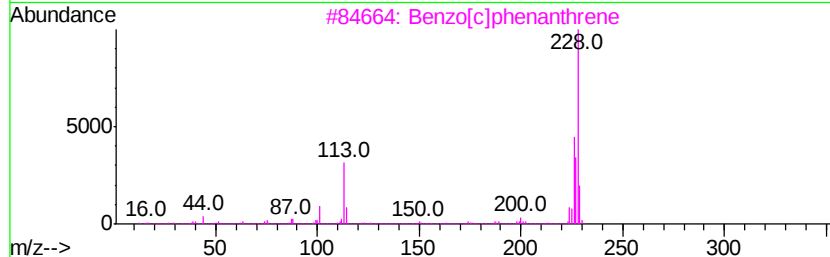
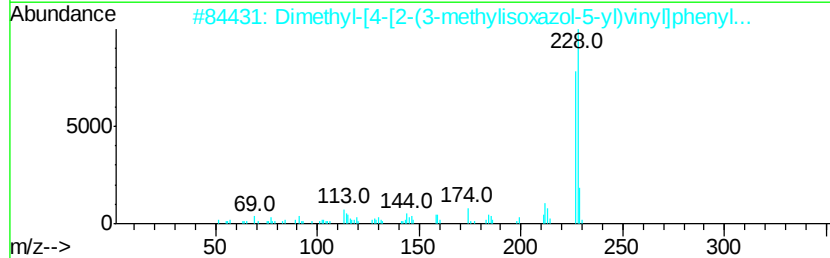
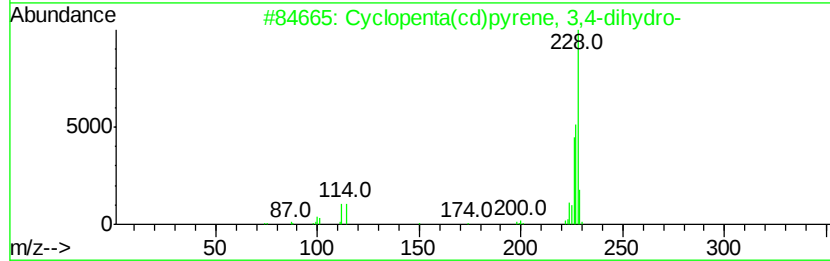
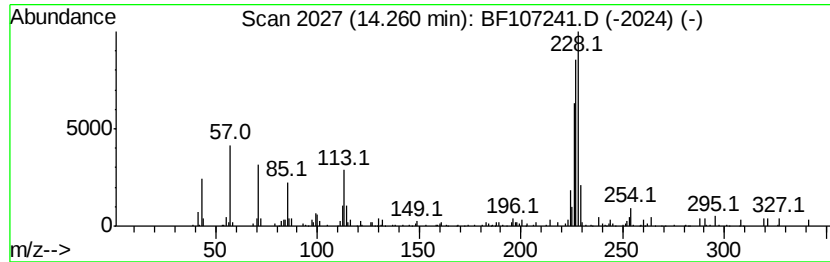
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.67 ng	65805	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	86
2		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	52
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
4		Triphenylene	228	C18H12	000217-59-4	38
5		Chrysene	228	C18H12	000218-01-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107241.D
Acq On : 9 Jul 2018 20:48
Operator : JU/SJ
Sample : J3879-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

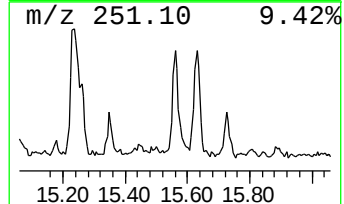
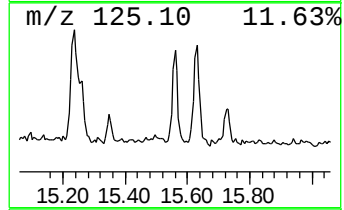
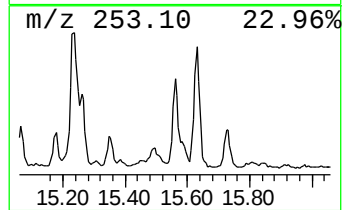
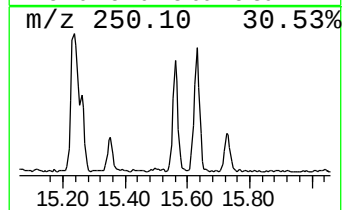
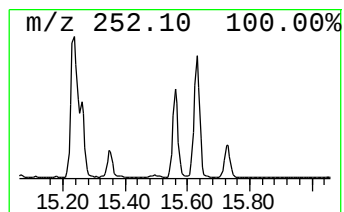
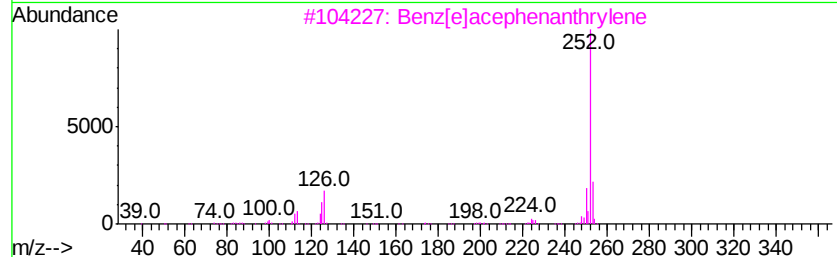
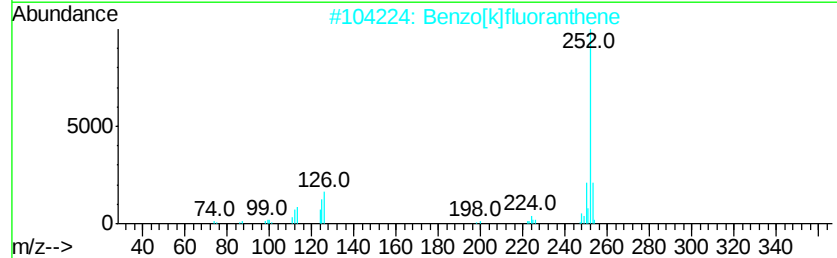
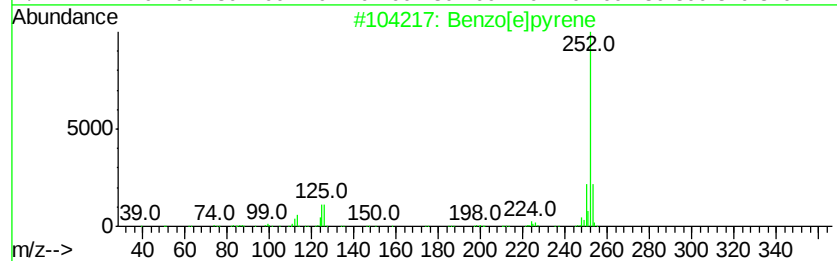
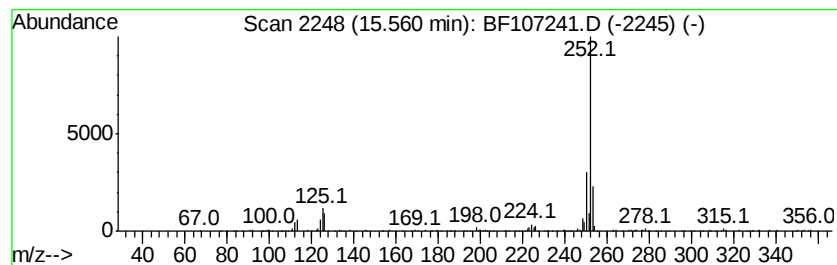
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	15.23 ng	101994	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107241.D
 Acq On : 9 Jul 2018 20:48
 Operator : JU/SJ
 Sample : J3879-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.18	9.8	ng	108358	1	6.95	222369	20.0
unknown6.72	6.72	67.3	ng	748601	1	6.95	222369	20.0
Phenanthrene, 1-m...	11.99	3.0	ng	45297	4	11.49	299971	20.0
Phenanthrene, 2-m...	12.02	3.4	ng	50964	4	11.49	299971	20.0
4H-Cyclopenta[def...	12.11	5.5	ng	82245	4	11.49	299971	20.0
5,16[1',2']:8,13[...	12.28	2.6	ng	39246	4	11.49	299971	20.0
Phenanthrene, 2,5...	12.54	4.5	ng	67219	4	11.49	299971	20.0
Cyclopenta(def)ph...	12.64	4.3	ng	64648	4	11.49	299971	20.0
11H-Benzo[b]fluorene	13.17	3.1	ng	75925	5	14.15	493202	20.0
11H-Benzo[a]fluorene	13.27	2.9	ng	70922	5	14.15	493202	20.0
Cyclopenta[cd]pyrene	13.95	4.7	ng	116215	5	14.15	493202	20.0
Cyclopenta(cd)pyr...	14.26	2.7	ng	65805	5	14.15	493202	20.0
Benzo[e]pyrene	15.56	15.2	ng	101994	6	15.69	133897	20.0