

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008957.D
 Acq On : 12 Dec 2019 22:01
 Operator : JU
 Sample : K6089-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 13 00:51:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2701	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	8077	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17280	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13765	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14208	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2605	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8751	0.17	ng/ul	0.00

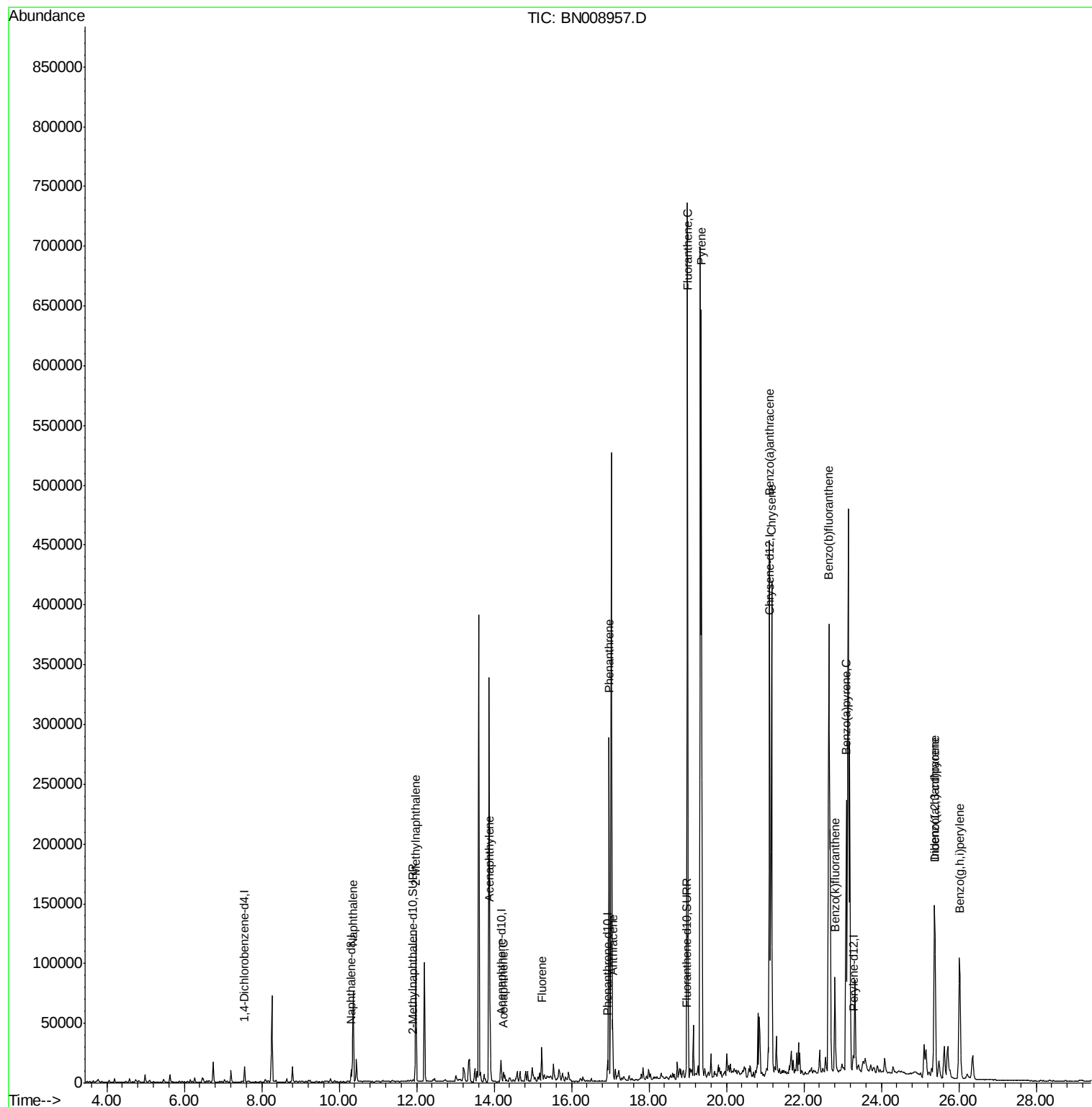
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	100691	2.790	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	87540	3.474	ng/ul	100
7) Acenaphthylene	13.89	152	69824	1.563	ng/ul	98
8) Acenaphthene	14.25	153	4765	0.144	ng/ul	97
9) Fluorene	15.24	166	8963	0.230	ng/ul#	80
12) Phenanthrene	16.97	178	300276	5.153	ng/ul	99
13) Anthracene	17.06	178	47681	0.866	ng/ul	98
15) Fluoranthene	18.99	202	585456	8.177	ng/ul	99
17) Pyrene	19.35	202	515137	9.328	ng/ul	99
18) Benzo(a)anthracene	21.11	228	367648	6.642	ng/ul	94
19) Chrysene	21.17	228	408991	7.522	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	778719	13.291	ng/ul	95
22) Benzo(k)fluoranthene	22.80	252	96096	1.654	ng/ul	97
23) Benzo(a)pyrene	23.09	252	187202	3.404	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.38	276	208929	3.248	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.39	278	56996	1.097	ng/ul	97
26) Benzo(a,h,i)perylene	26.02	276	187601	3.487	ng/ul	96

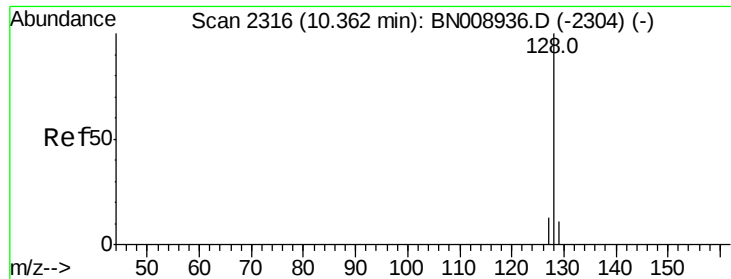
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008957.D
Acq On : 12 Dec 2019 22:01
Operator : JU
Sample : K6089-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 13 00:51:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.790 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008957.D

Acq: 12 Dec 2019 22:01

Instrument :

BNA_N

ClientSampleId :

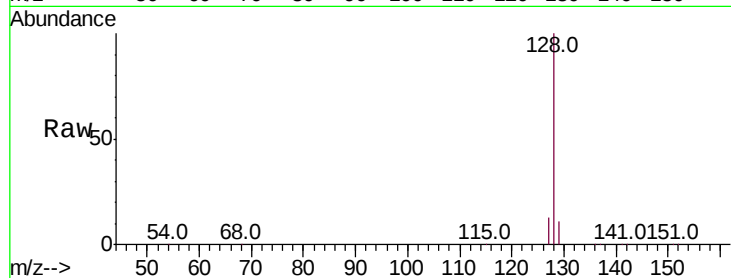
Tot Ion:128 Resp: 100691

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

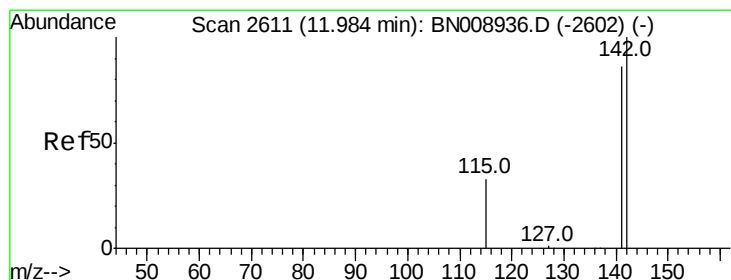
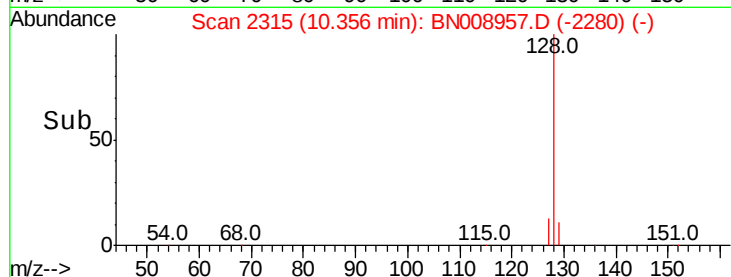
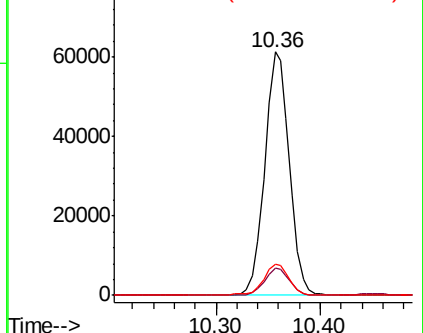
127 13.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 3.474 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BN008957.D

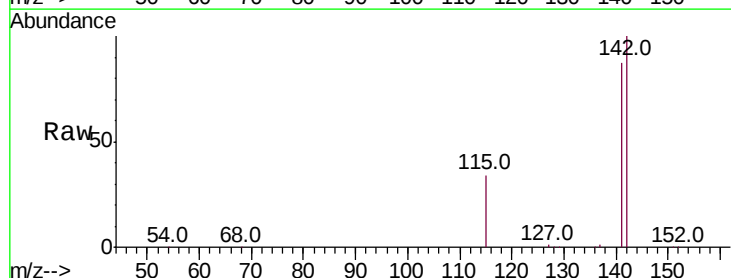
Acq: 12 Dec 2019 22:01

Tgt Ion:142 Resp: 87540

Ion Ratio Lower Upper

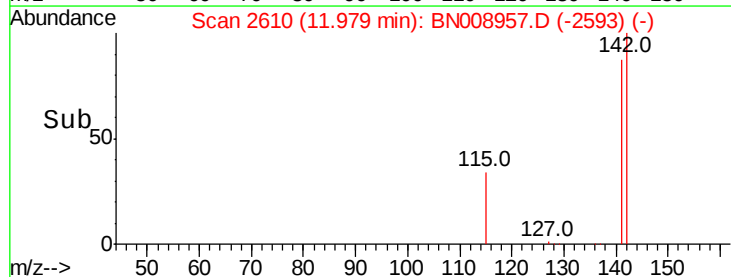
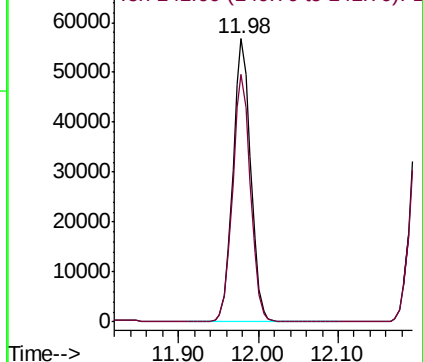
142 100

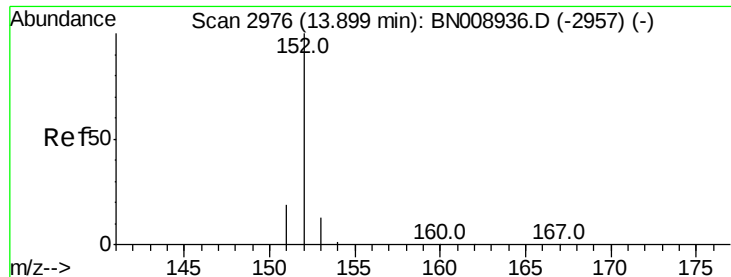
141 88.0 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.563 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BN008957.D

Acq: 12 Dec 2019 22:01

Instrument :

BNA_N

ClientSampleId :

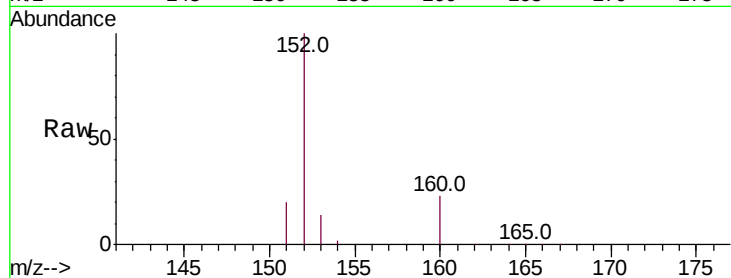
Tot Ion:152 Resp: 69824

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

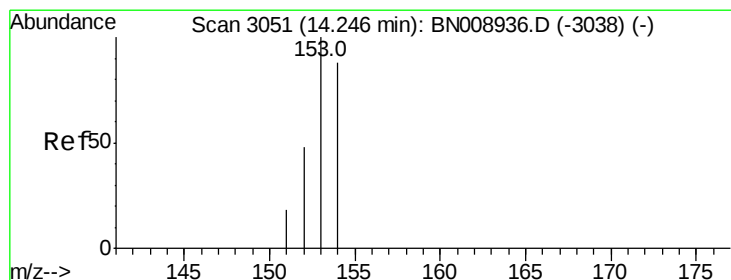
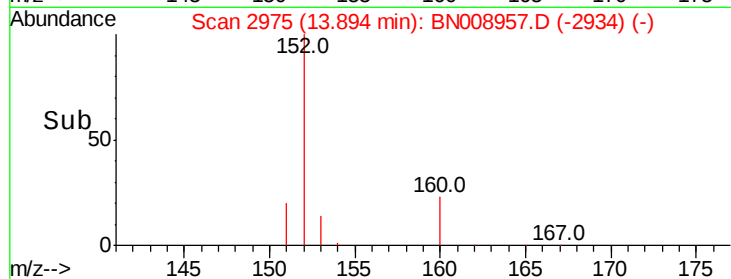
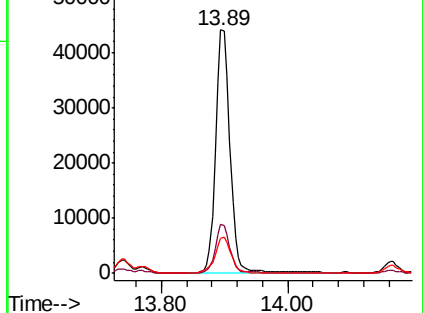
153 14.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.144 ng/ul

RT: 14.25 min Scan# 3051

Delta R.T. -0.00 min

Lab File: BN008957.D

Acq: 12 Dec 2019 22:01

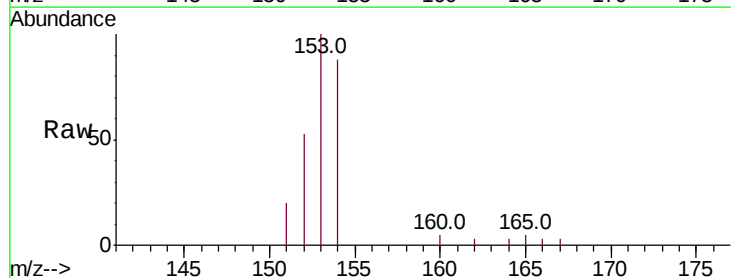
Tgt Ion:153 Resp: 4765

Ion Ratio Lower Upper

153 100

152 53.2 38.6 58.0

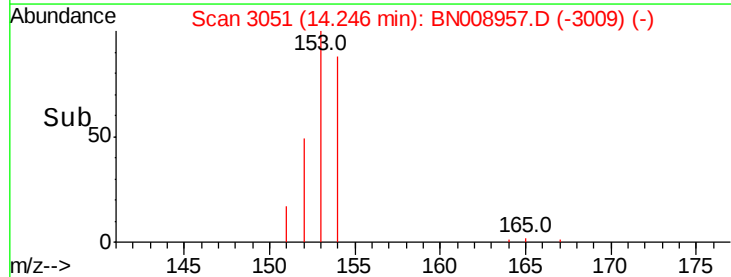
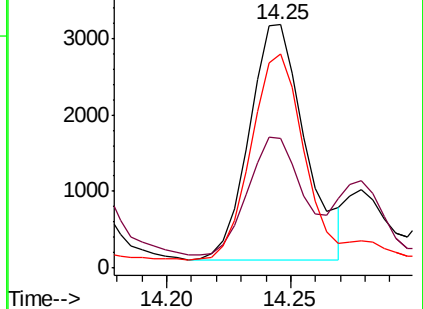
154 87.8 70.6 105.8

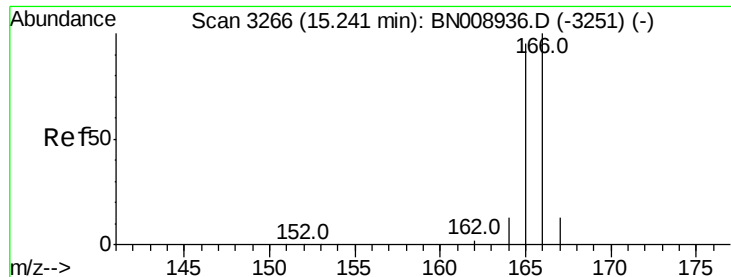


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

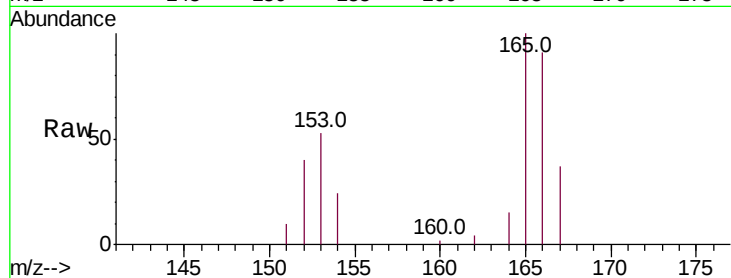




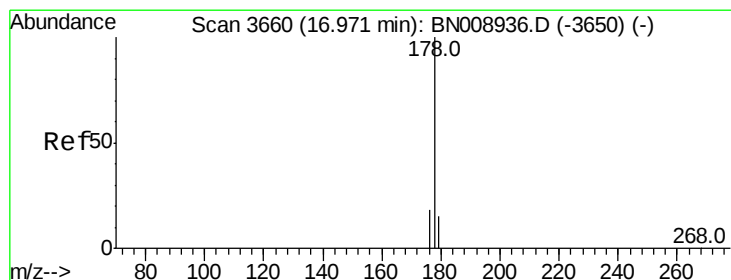
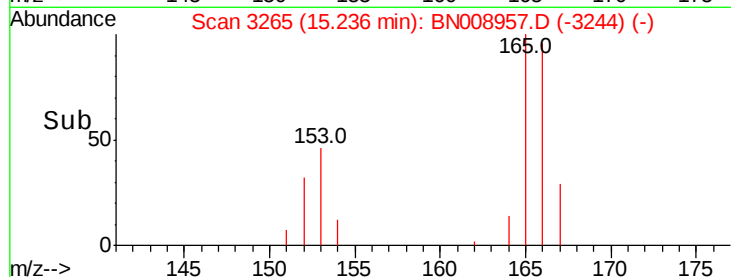
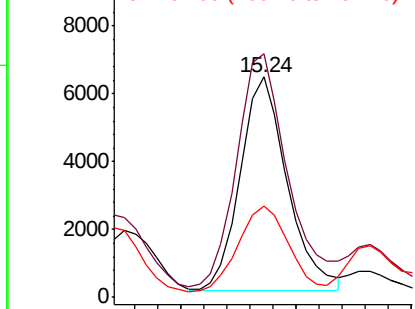
#9
Fluorene
Concen: 0.230 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:166 Resp: 8963
Ion Ratio Lower Upper
166 100
165 110.4 77.7 116.5
167 41.2 11.1 16.7#

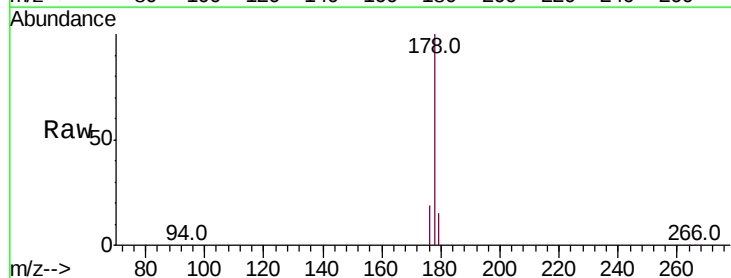


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

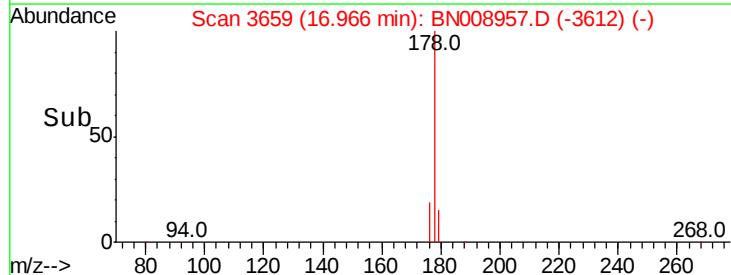
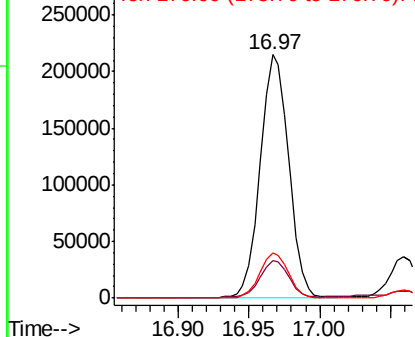


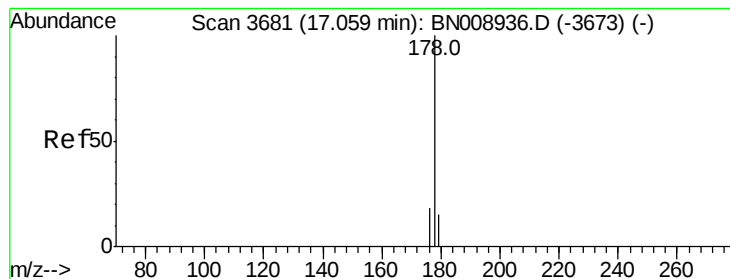
#12
Phenanthrene
Concen: 5.153 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:178 Resp: 300276
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.7 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

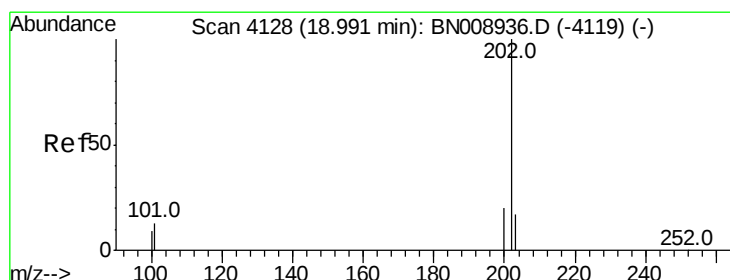
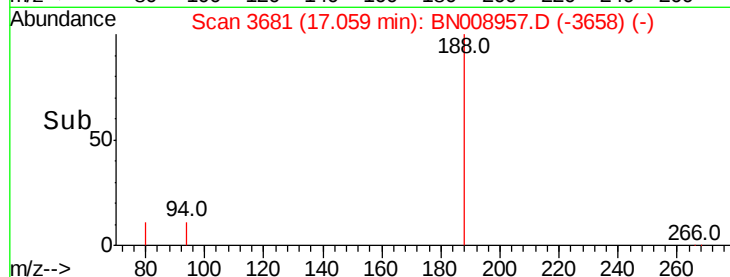
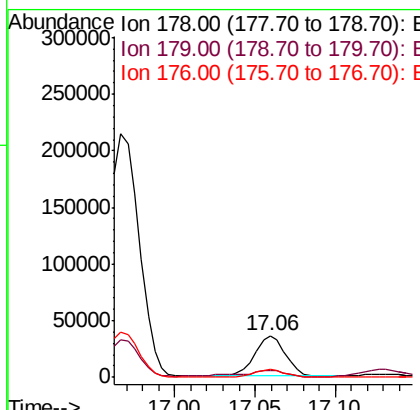
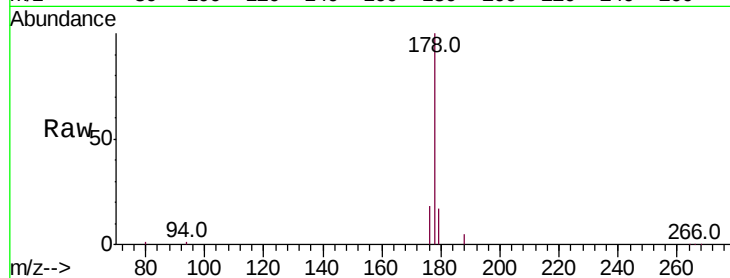




#13
 Anthracene
 Concen: 0.866 ng/ul
 RT: 17.06 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: BN008957.D
 Acq: 12 Dec 2019 22:01

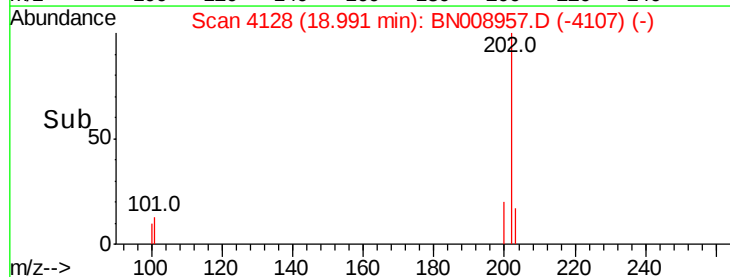
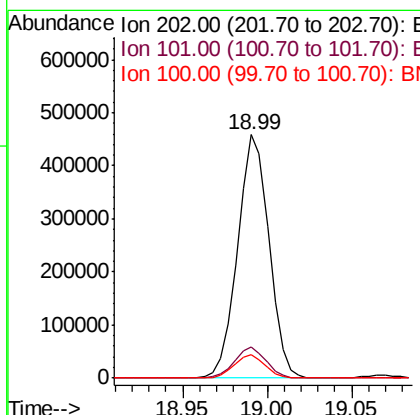
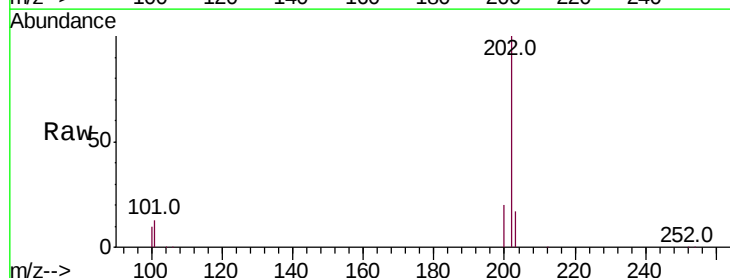
Instrument :
 BNA_N
 ClientSampleId :

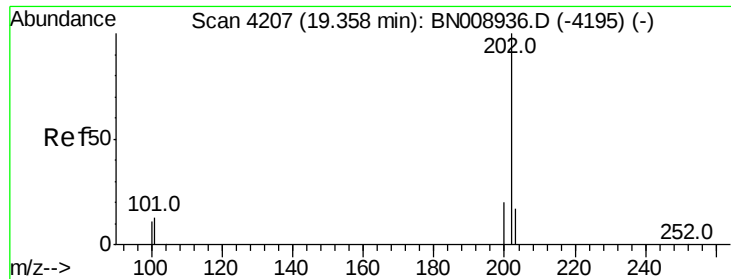
Tot Ion:178 Resp: 47681
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.2 18.4
 176 18.3 14.7 22.1



#15
 Fluoranthene
 Concen: 8.177 ng/ul
 RT: 18.99 min Scan# 4128
 Delta R.T. -0.00 min
 Lab File: BN008957.D
 Acq: 12 Dec 2019 22:01

Tgt Ion:202 Resp: 585456
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 32.4
 100 9.6 0.0 29.2

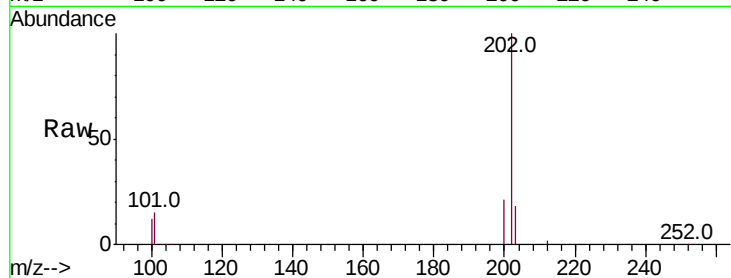




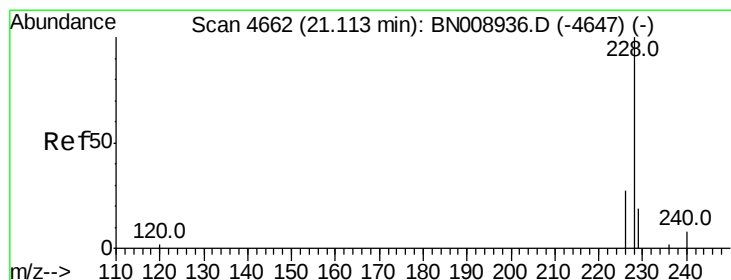
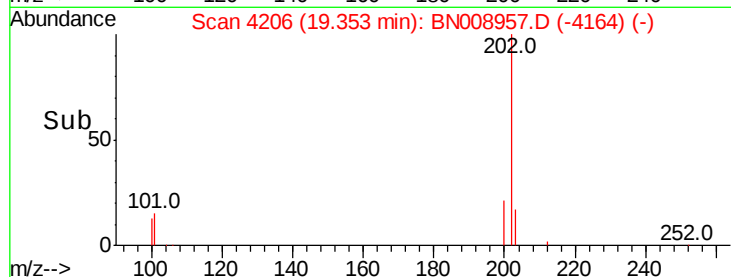
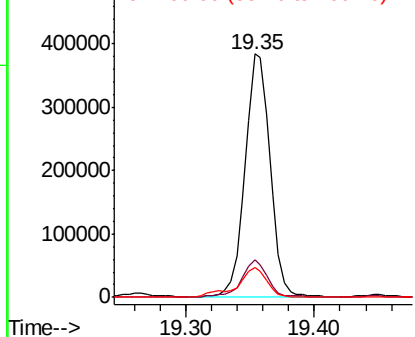
#17
Pvrene
Concen: 9.328 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.4	9.5	14.3

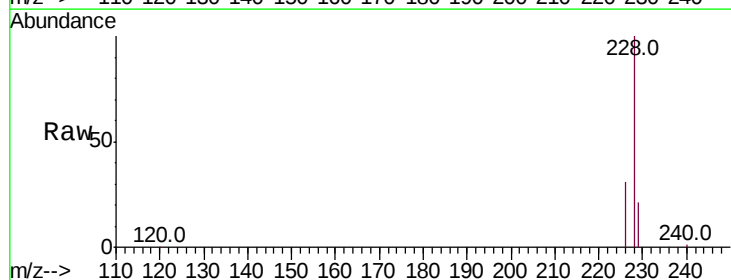


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

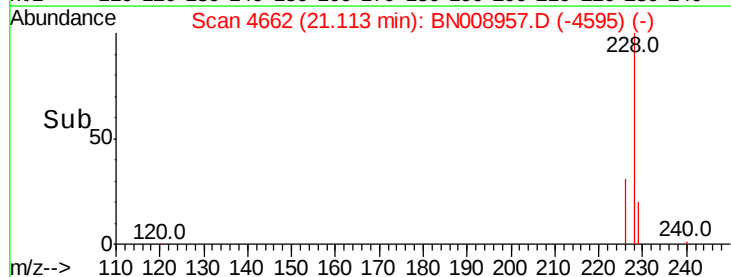
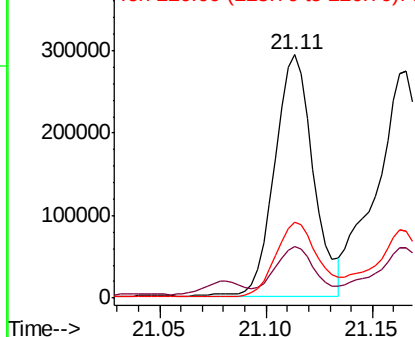


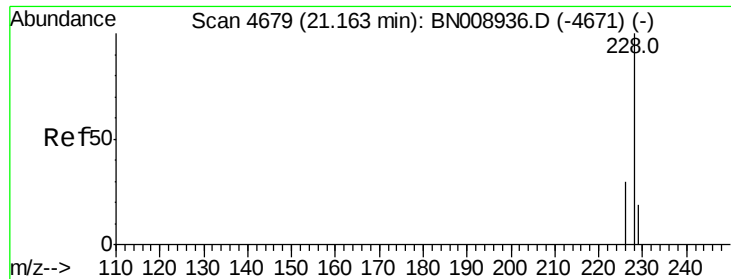
#18
Benzo(a)anthracene
Concen: 6.642 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	31.1	21.5	32.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 7.522 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.00 min

Lab File: BN008957.D

Acq: 12 Dec 2019 22:01

Instrument :

BNA_N

ClientSampleId :

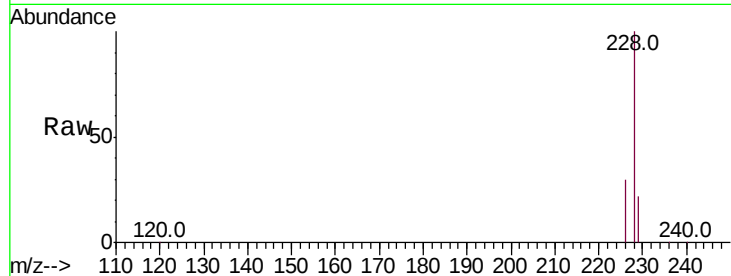
Tot Ion:228 Resp: 408991

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

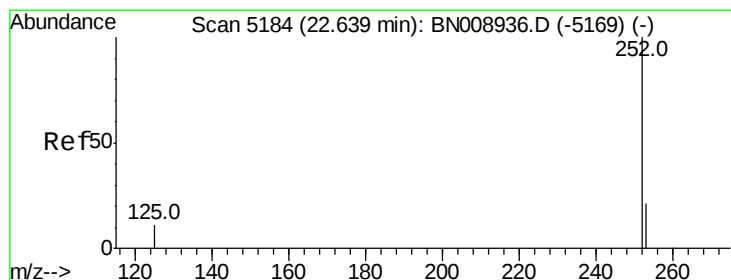
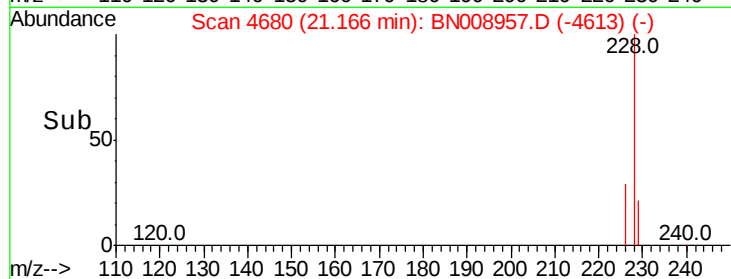
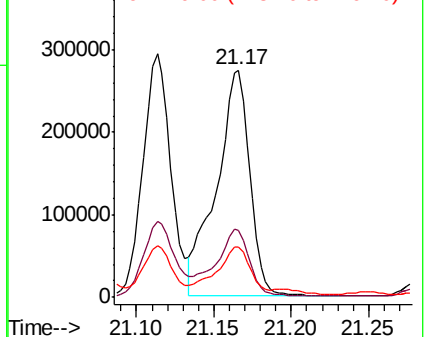
229 22.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 13.291 ng/ul

RT: 22.64 min Scan# 5185

Delta R.T. -0.00 min

Lab File: BN008957.D

Acq: 12 Dec 2019 22:01

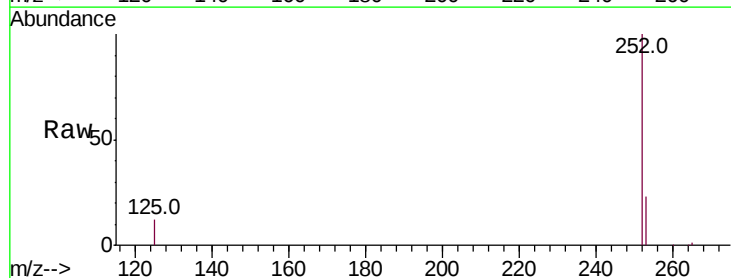
Tgt Ion:252 Resp: 778719

Ion Ratio Lower Upper

252 100

253 22.7 0.0 48.6

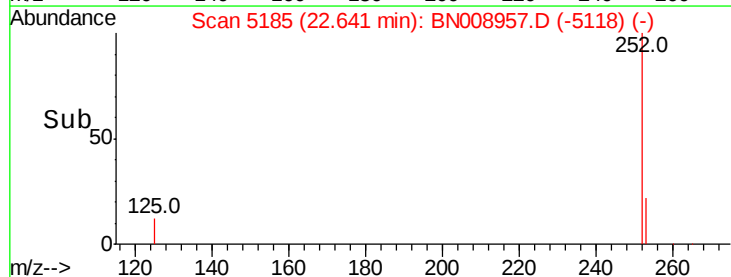
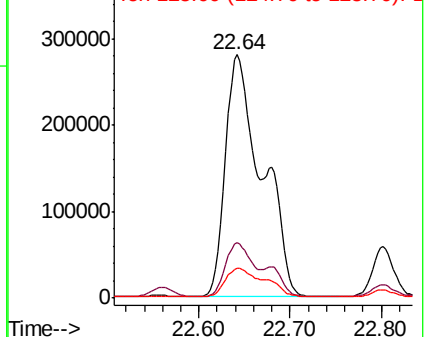
125 12.2 0.0 31.6

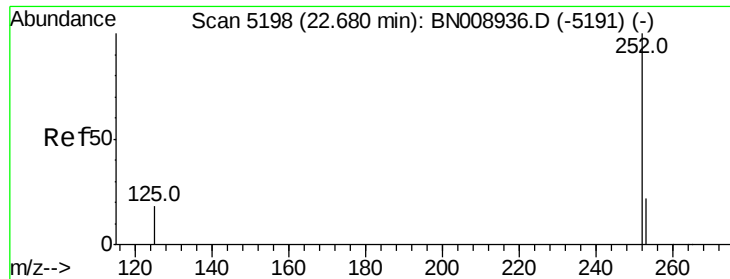


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

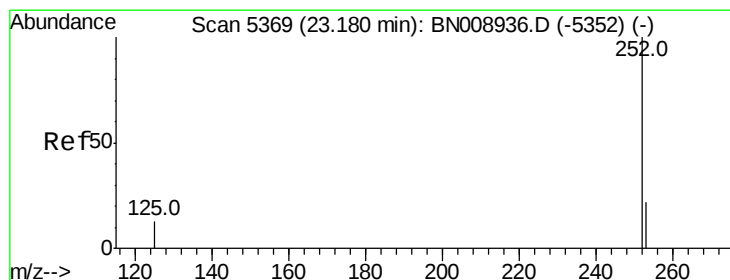
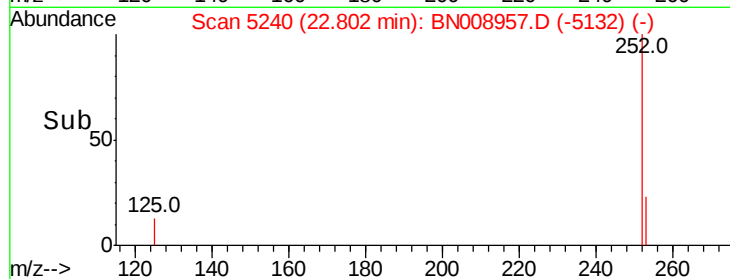
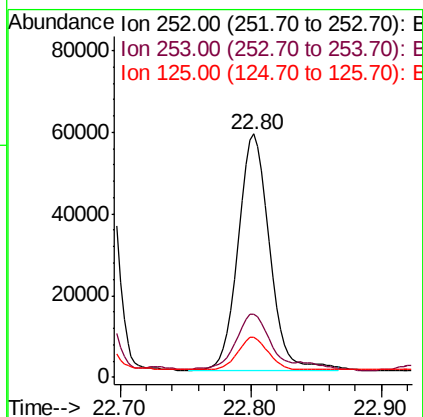
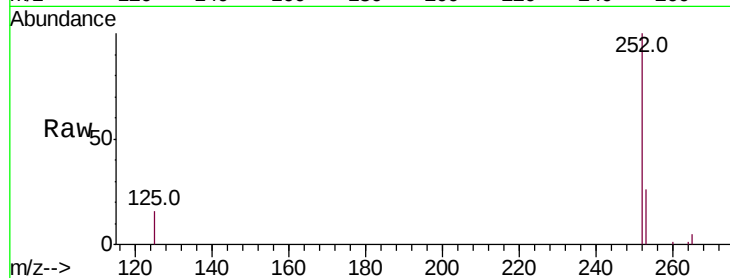




#22
Benzo(k)fluoranthene
Concen: 1.654 ng/ul
RT: 22.80 min Scan# 5240
Delta R.T. 0.11 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

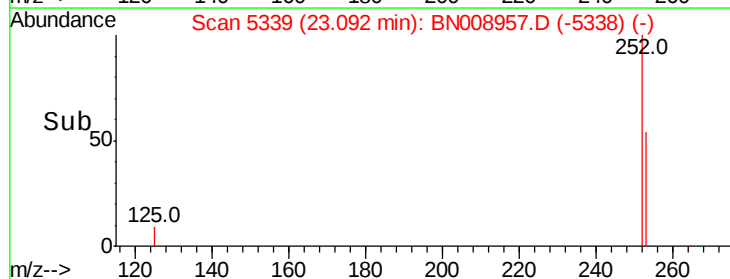
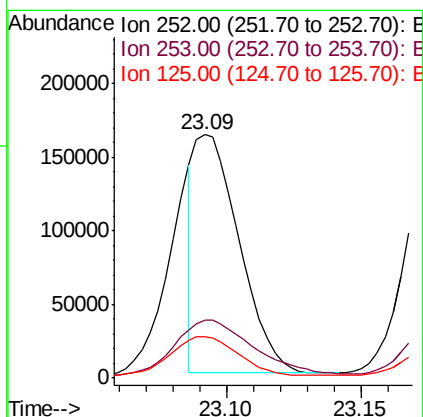
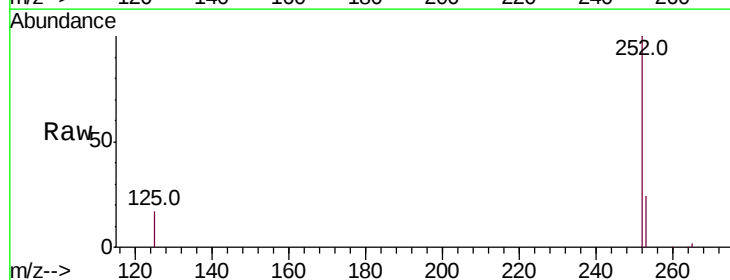
Instrument :
BNA_N
ClientSampleId :

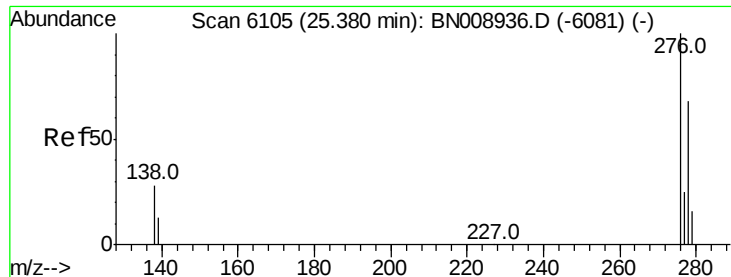
Tot Ion:252 Resp: 96096
Ion Ratio Lower Upper
252 100
253 26.0 19.6 29.4
125 16.4 13.8 20.6



#23
Benzo(a)pyrene
Concen: 3.404 ng/ul
RT: 23.09 min Scan# 5339
Delta R.T. -0.10 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:252 Resp: 187202
Ion Ratio Lower Upper
252 100
253 23.6 19.9 29.9
125 17.0 14.6 22.0



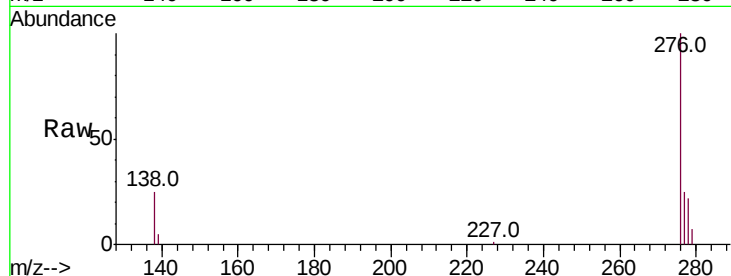


#24

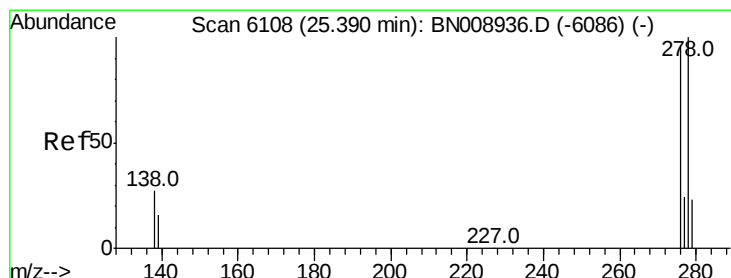
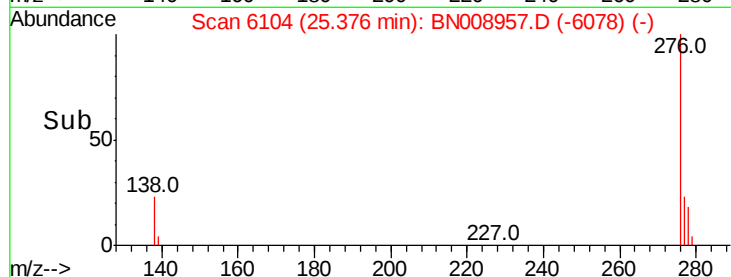
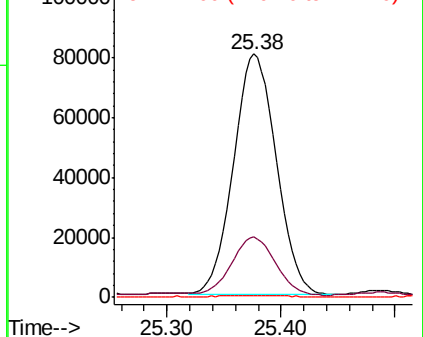
Indeno(1,2,3-cd)pyrene
Concen: 3.248 ng/ul
RT: 25.38 min Scan# 6104
Delta R.T. -0.01 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Instrument :
BNA_N
ClientSampled :

Tot Ion:276 Resp: 208929
Ion Ratio Lower Upper
276 100
138 24.5 23.8 35.6
227 0.2 0.2 0.2#



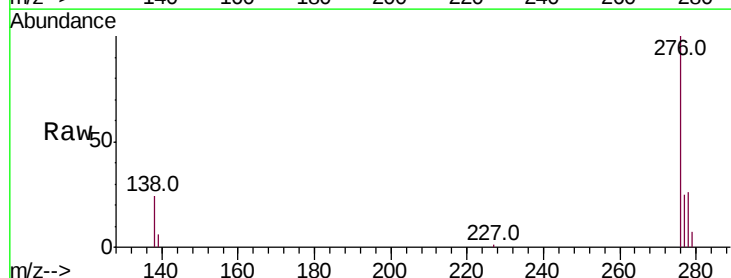
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



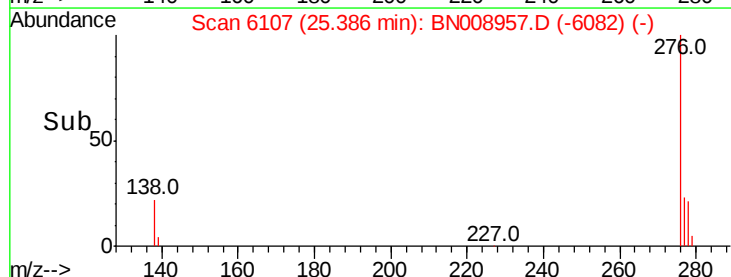
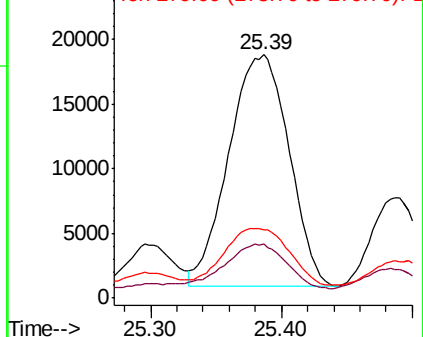
#25

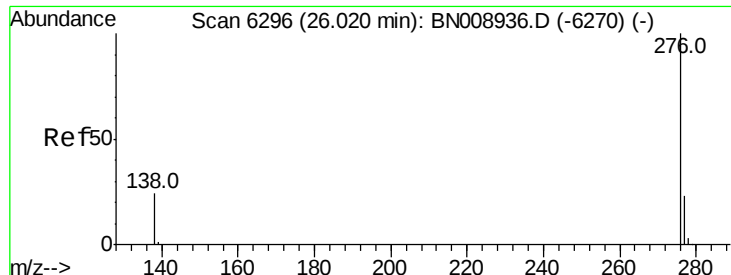
Dibenzo(a,h)anthracene
Concen: 1.097 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.02 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:278 Resp: 56996
Ion Ratio Lower Upper
278 100
139 22.1 17.4 26.0
279 28.2 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 3.487 ng/ul

RT: 26.02 min Scan# 6296

Delta R.T. -0.01 min

Lab File: BN008957.D

Acq: 12 Dec 2019 22:01

Instrument :

BNA_N

ClientSampleId :

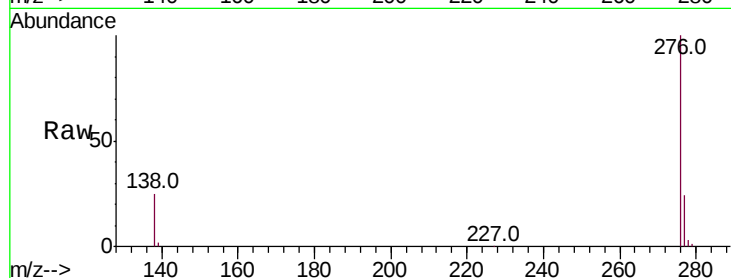
Tot Ion:276 Resp: 187601

Ion Ratio Lower Upper

276 100

138 24.6 21.9 32.9

277 24.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

