

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008357.D
 Acq On : 23 Oct 2019 19:44
 Operator : JU
 Sample : K5223-10DL 2X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 01:38:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

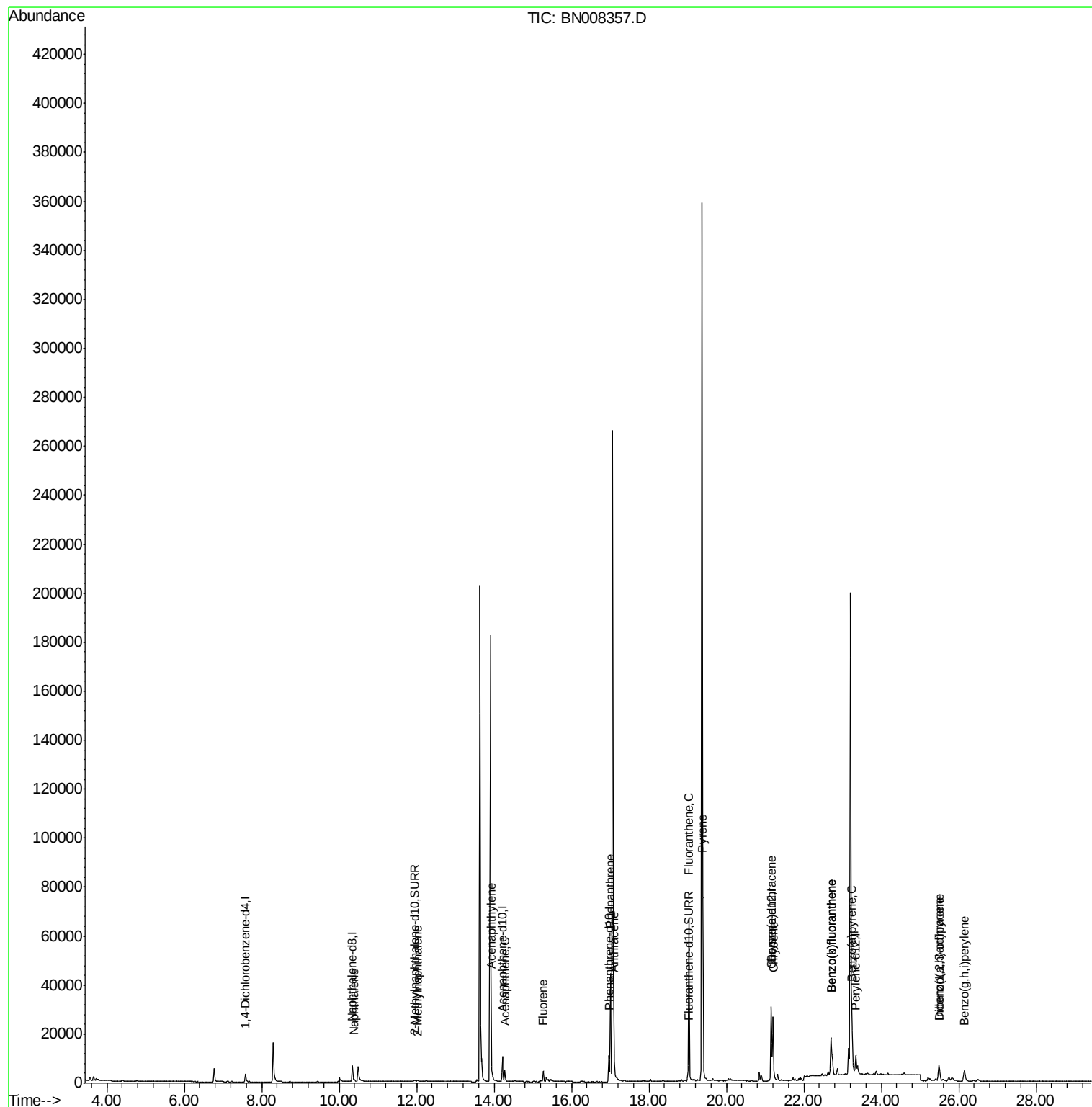
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1935	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9333	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5983	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12857	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10701	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	8627	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1393	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	4116	0.09	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.39	128	1025	0.039	ng/ul#	85
5) 2-Methylnaphthalene	12.02	142	590	0.032	ng/ul	99
7) Acenaphthylene	13.93	152	703	0.025	ng/ul#	75
8) Acenaphthene	14.28	153	2634	0.119	ng/ul	98
9) Fluorene	15.27	166	2766	0.110	ng/ul	98
12) Phenanthrene	17.00	178	46864	1.245	ng/ul	99
13) Anthracene	17.09	178	9432	0.285	ng/ul	98
15) Fluoranthene	19.03	202	59995	1.207	ng/ul	96
17) Pyrene	19.39	202	54221	1.273	ng/ul	99
18) Benzo(a)anthracene	21.15	228	26916	0.692	ng/ul	97
19) Chrysene	21.20	228	26416	0.553	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	34858	1.241	ng/ul	98
22) Benzo(k)fluoranthene	22.70	252	34858	1.096	ng/ul	97
23) Benzo(a)pyrene	23.25	252	18699	0.633	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	10184	0.293	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.49	278	3305	0.120	ng/ul#	79
26) Benzo(a,h,i)perylene	26.14	276	9087	0.285	ng/ul	95

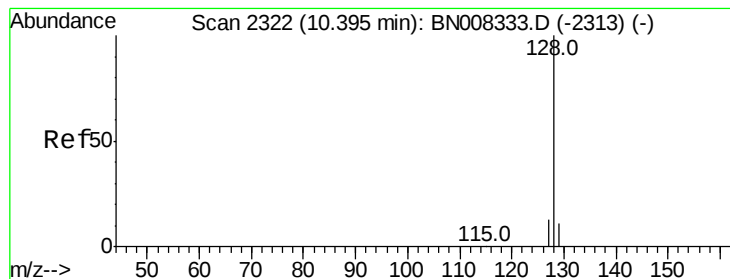
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008357.D
Acq On : 23 Oct 2019 19:44
Operator : JU
Sample : K5223-10DL 2X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 24 01:38:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

ClientSampleId :

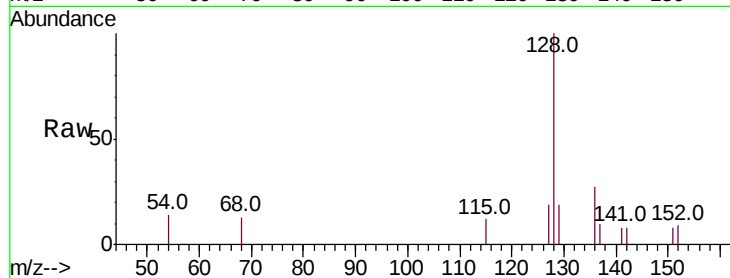
Tot Ion:128 Resp: 1025

Ion Ratio Lower Upper

128 100

129 19.0 9.8 14.8#

127 19.5 11.1 16.7#



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

10.39

800

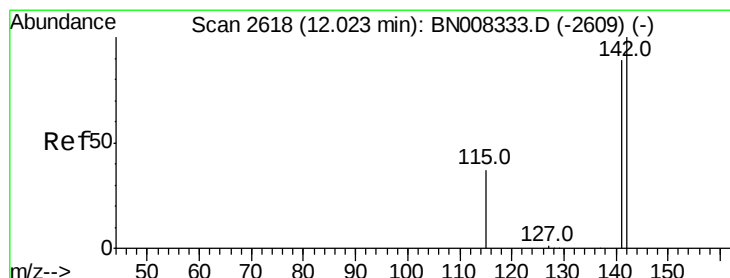
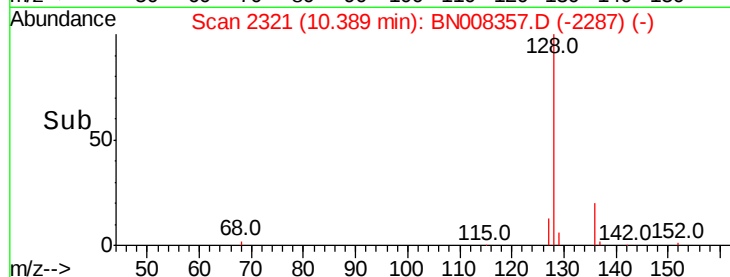
600

400

200

0

Time--> 10.30 10.40



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008357.D

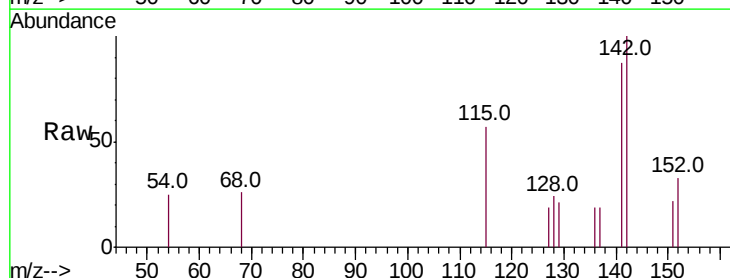
Acq: 23 Oct 2019 19:44

Tgt Ion:142 Resp: 590

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.02

300

250

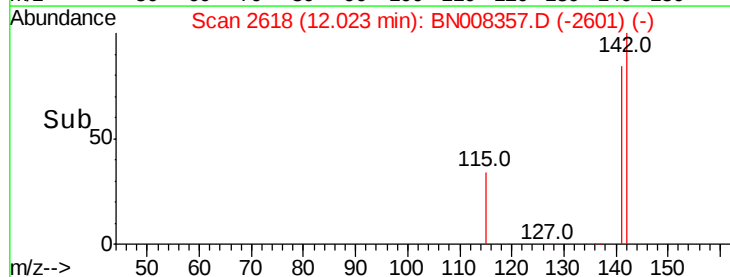
200

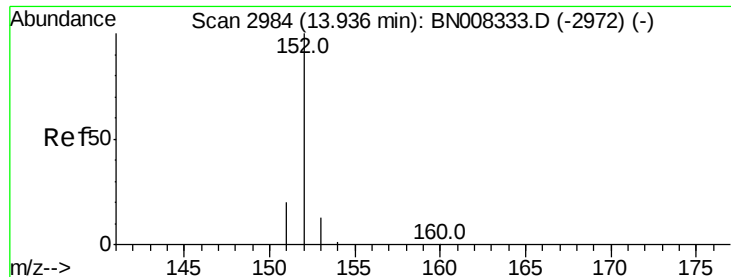
150

100

50

Time--> 11.90 12.00 12.10





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

ClientSampleId :

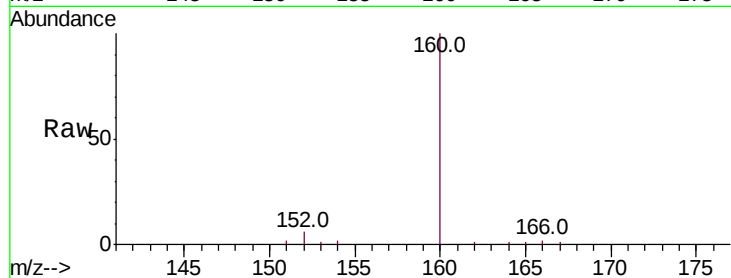
Tot Ion:152 Resp: 703

Ion Ratio Lower Upper

152 100

151 30.7 16.2 24.4#

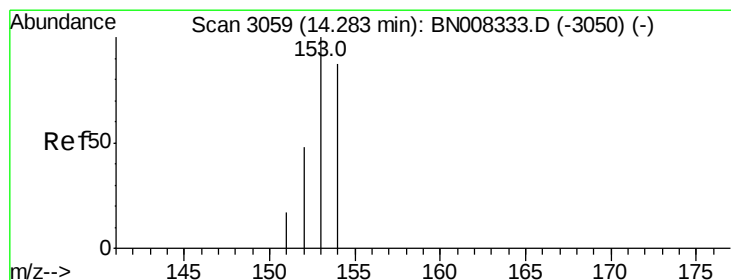
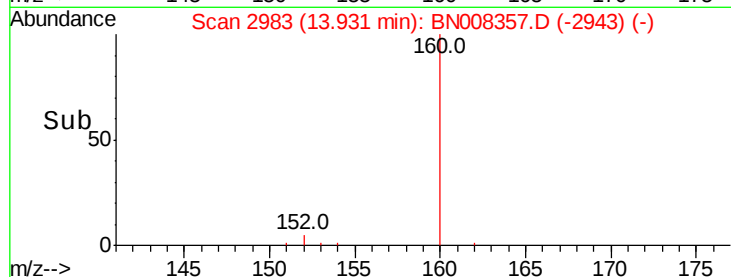
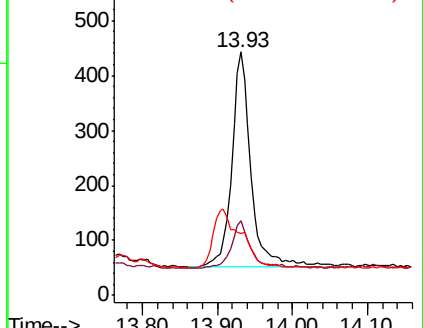
153 25.5 11.0 16.4#



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: 0.119 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

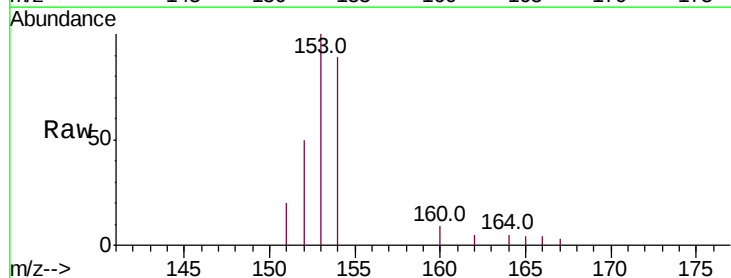
Tgt Ion:153 Resp: 2634

Ion Ratio Lower Upper

153 100

152 50.3 38.2 57.2

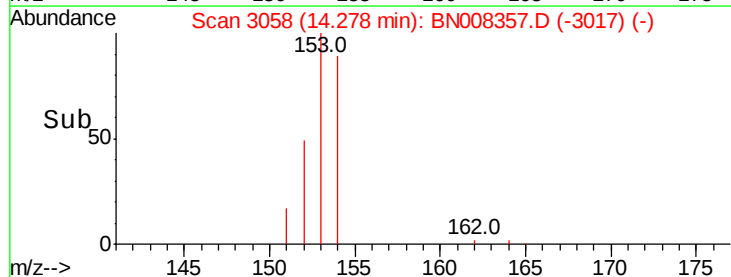
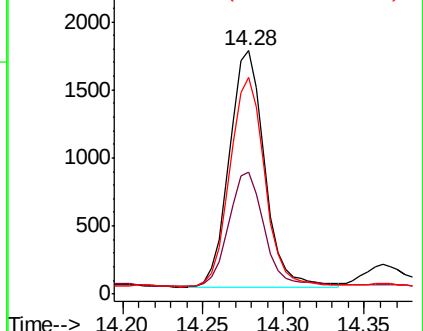
154 89.2 71.8 107.8

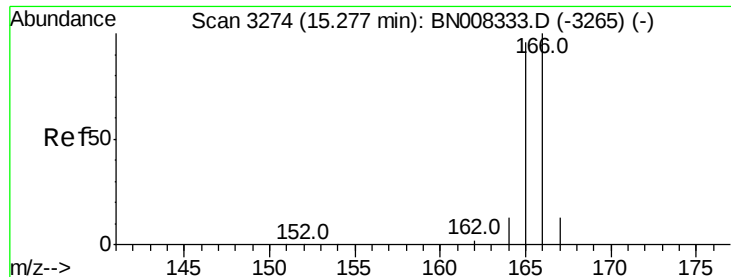


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.110 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

ClientSampleId :

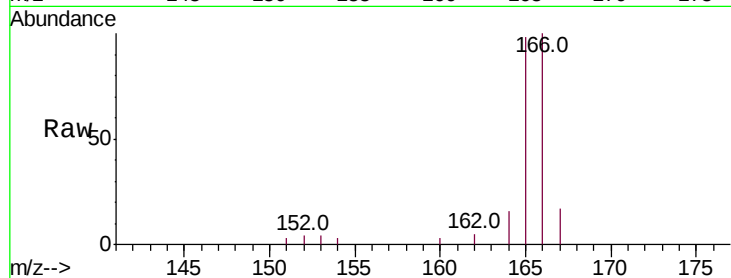
Tot Ion:166 Resp: 2766

Ion Ratio Lower Upper

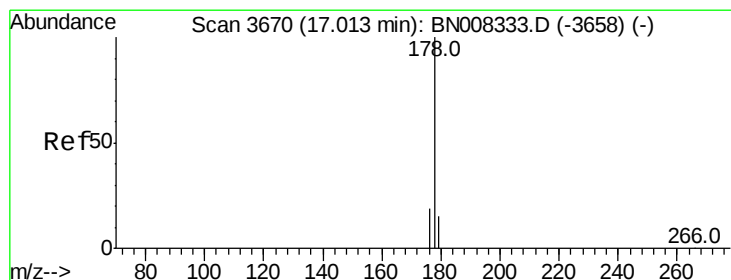
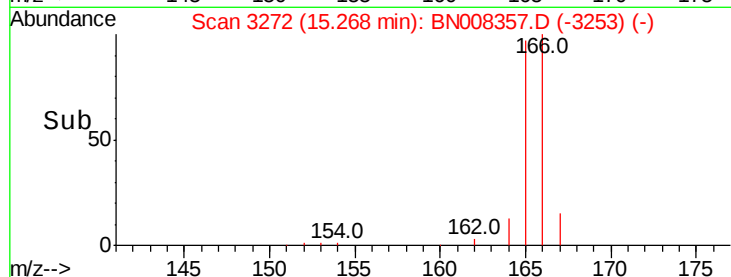
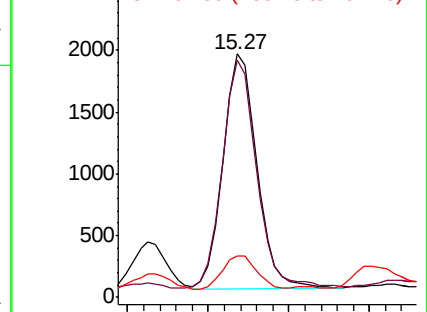
166 100

165 97.7 76.6 115.0

167 17.2 11.7 17.5



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: 1.245 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

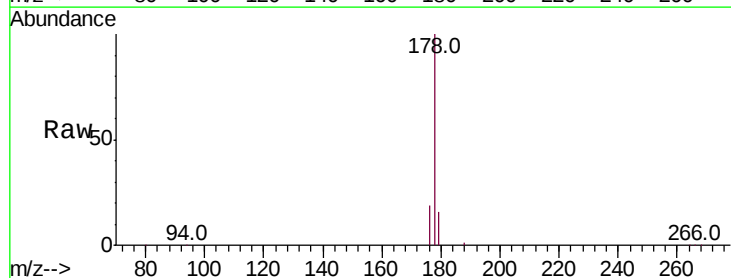
Tgt Ion:178 Resp: 46864

Ion Ratio Lower Upper

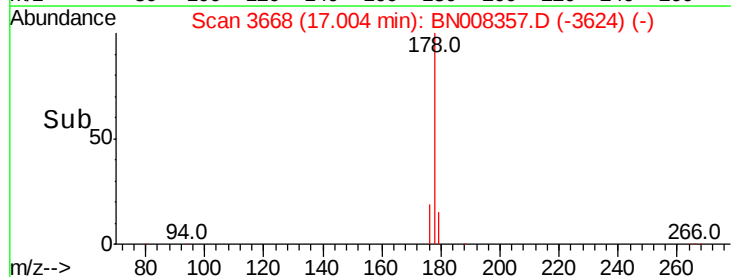
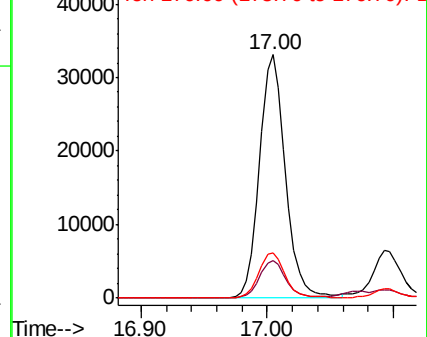
178 100

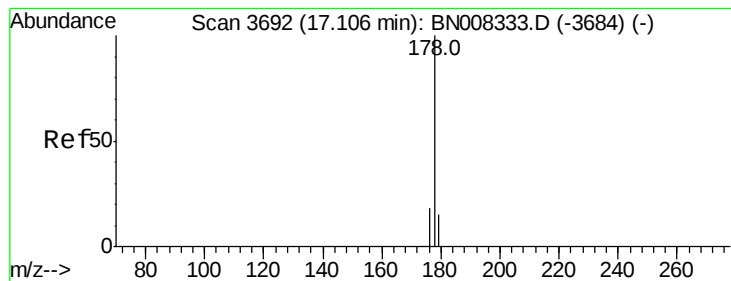
179 15.6 12.8 19.2

176 18.7 15.4 23.2



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: 0.285 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

ClientSampled :

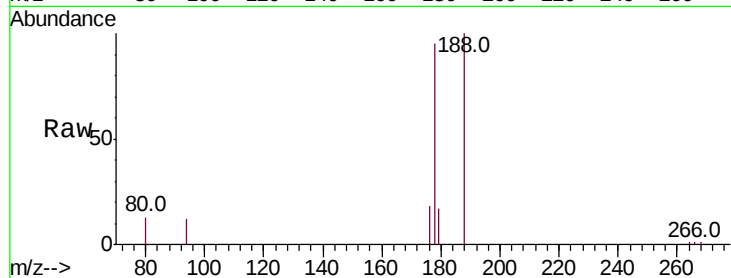
Tot Ion:178 Resp: 9432

Ion Ratio Lower Upper

178 100

179 18.1 13.0 19.6

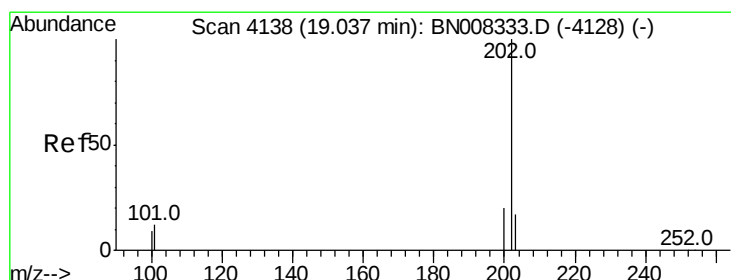
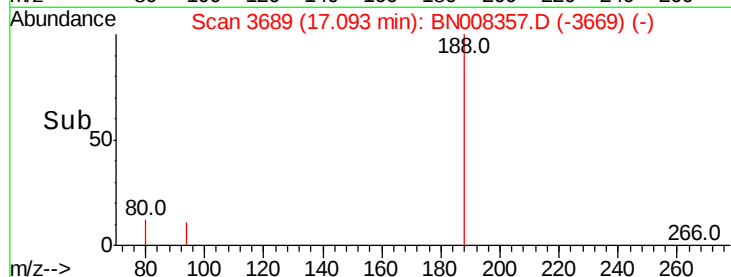
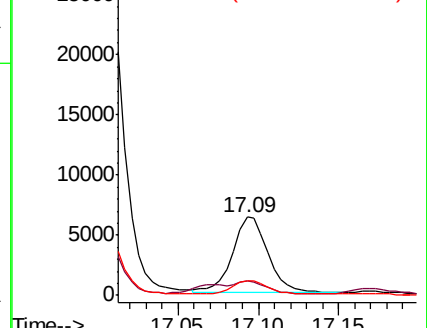
176 18.9 15.0 22.6



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



#15

Fluoranthene

Concen: 1.207 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

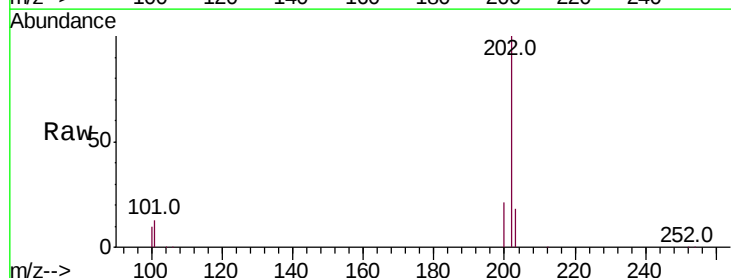
Tgt Ion:202 Resp: 59995

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.2

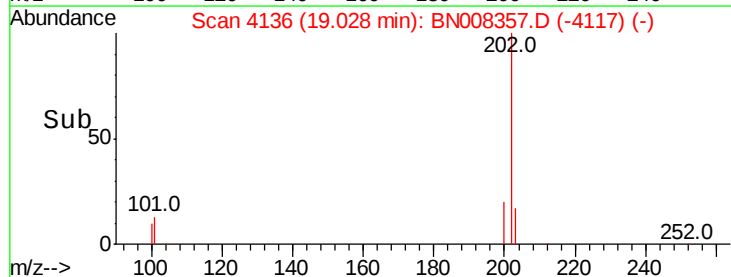
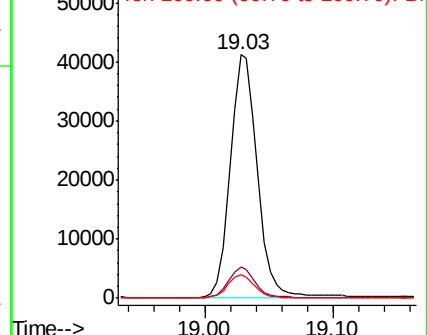
100 9.8 0.0 28.5

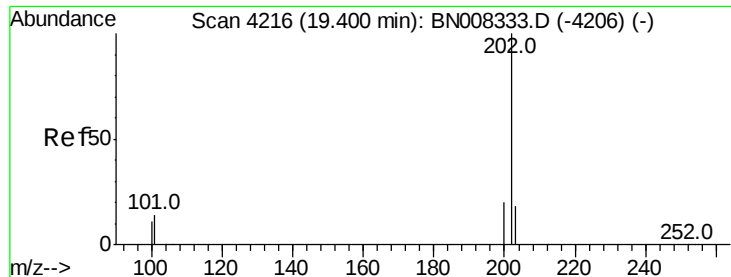


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

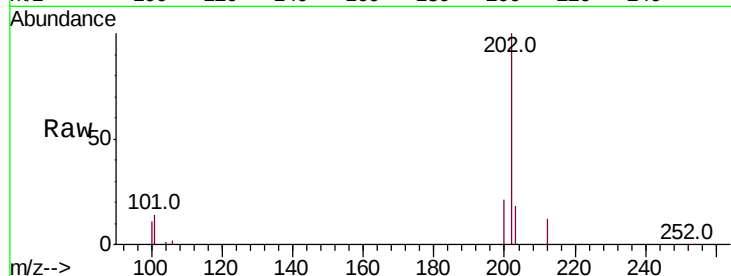




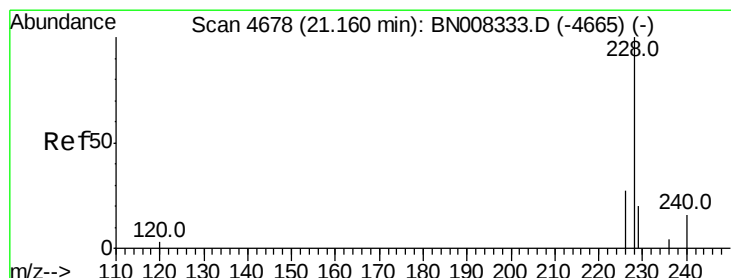
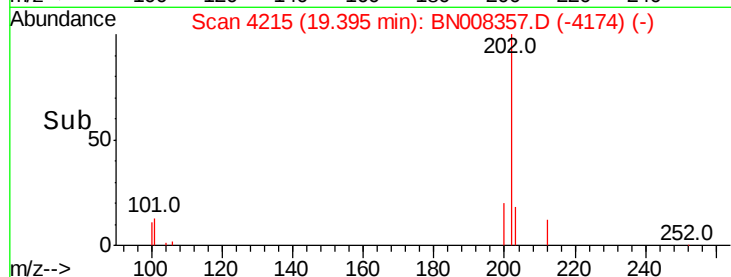
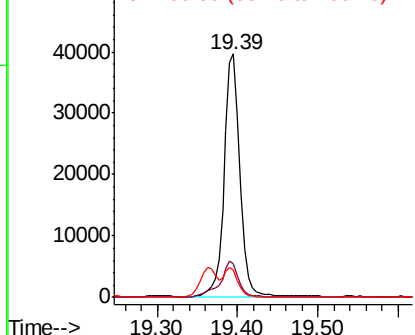
#17
Pvrene
Concen: 1.273 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008357.D
Acq: 23 Oct 2019 19:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 54221
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 11.3 8.7 13.1

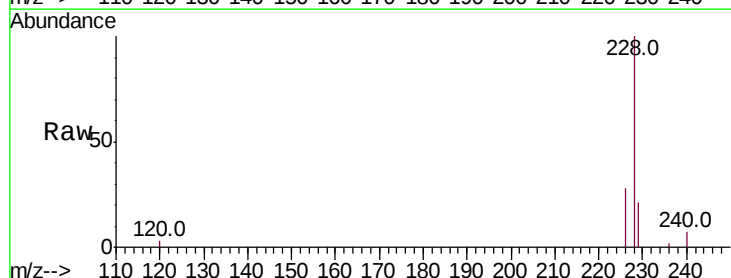


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

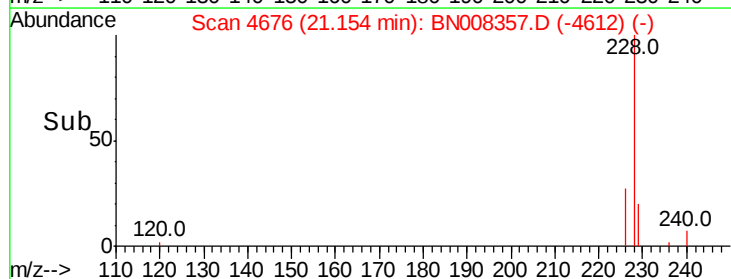
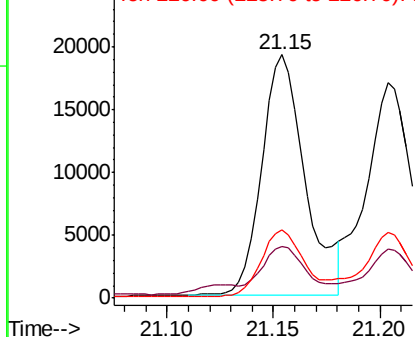


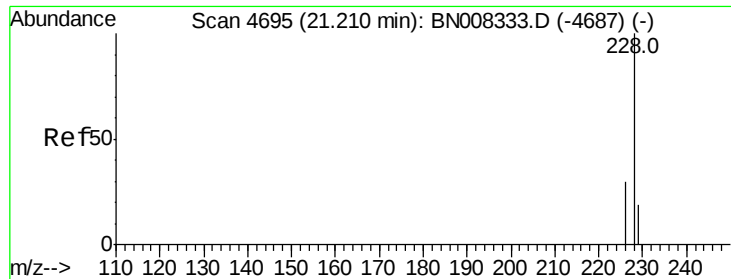
#18
Benzo(a)anthracene
Concen: 0.692 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.01 min
Lab File: BN008357.D
Acq: 23 Oct 2019 19:44

Tgt Ion:228 Resp: 26916
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 27.9 21.4 32.0



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: 0.553 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

ClientSampleId :

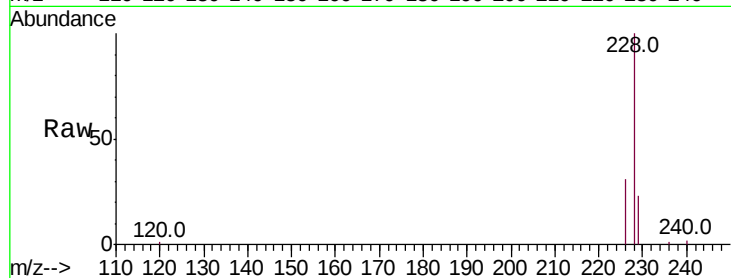
Tot Ion:228 Resp: 26416

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

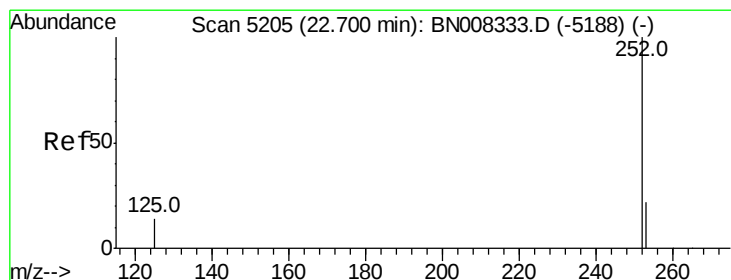
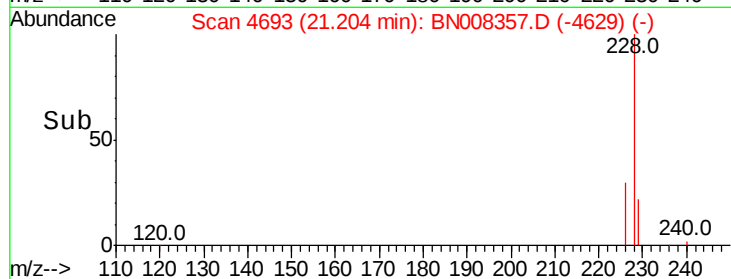
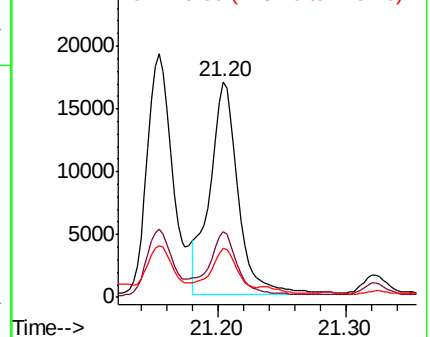
229 22.8 16.2 24.2



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: 1.241 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

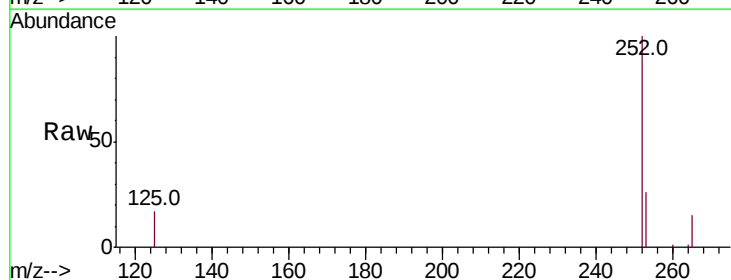
Tgt Ion:252 Resp: 34858

Ion Ratio Lower Upper

252 100

253 25.8 0.0 53.4

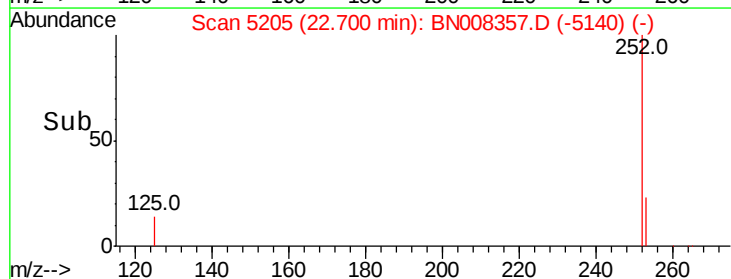
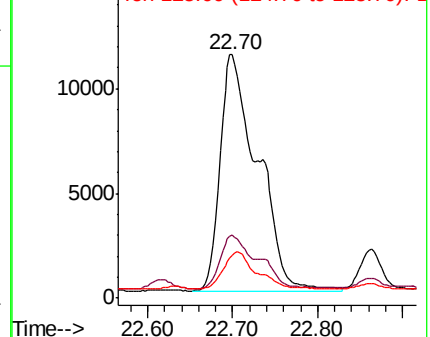
125 17.4 0.0 32.4

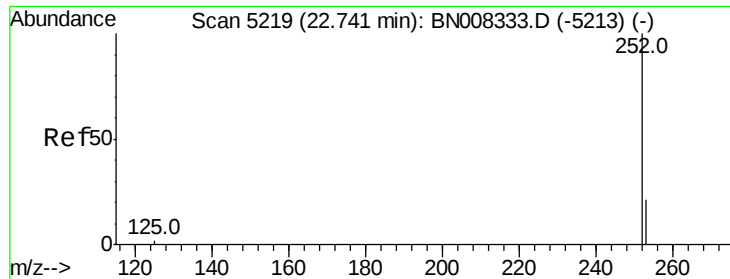


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.096 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.05 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

ClientSampleId :

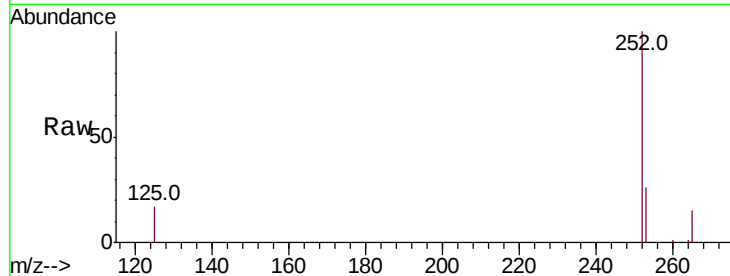
Tot Ion:252 Resp: 34858

Ion Ratio Lower Upper

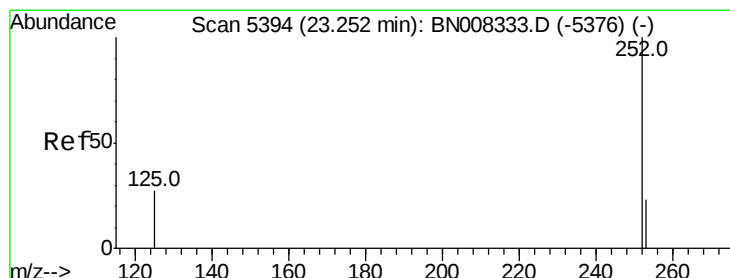
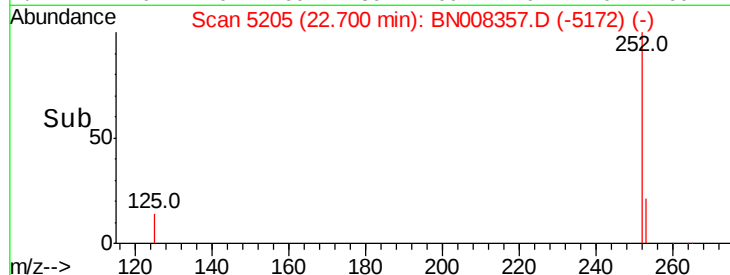
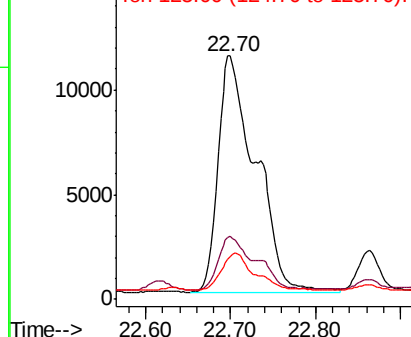
252 100

253 25.8 21.3 31.9

125 17.4 12.3 18.5



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



#23

Benzo(a)pyrene

Concen: 0.633 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. -0.01 min

Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

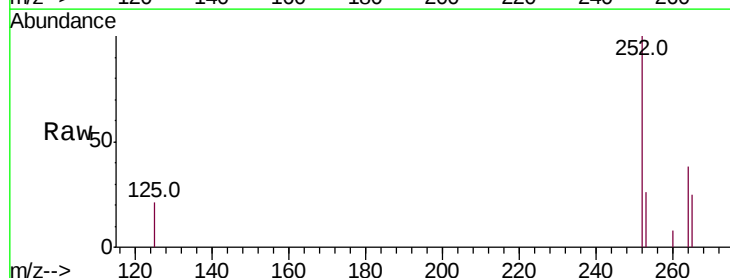
Tgt Ion:252 Resp: 18699

Ion Ratio Lower Upper

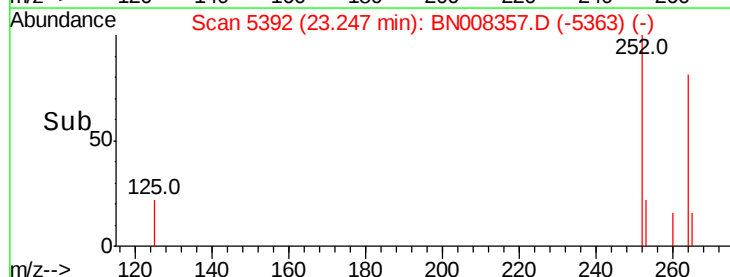
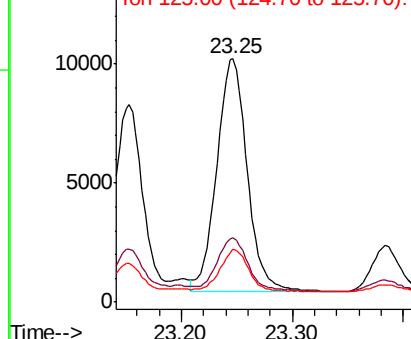
252 100

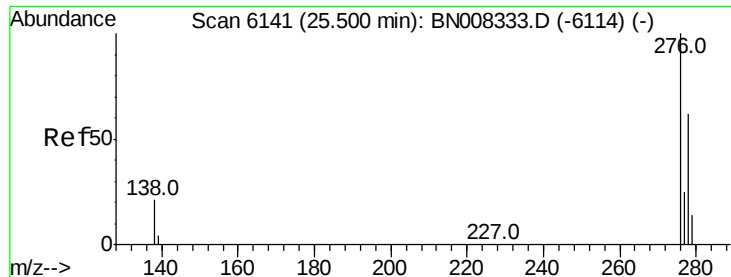
253 26.2 22.8 34.2

125 21.5 18.4 27.6



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



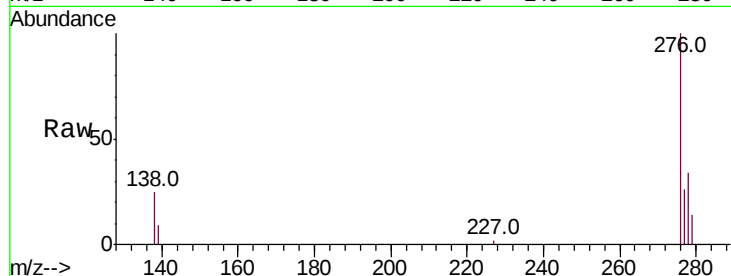


#24

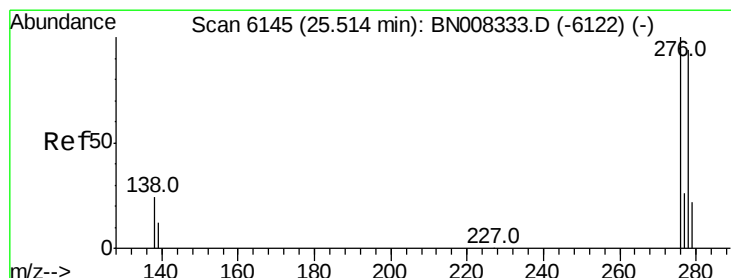
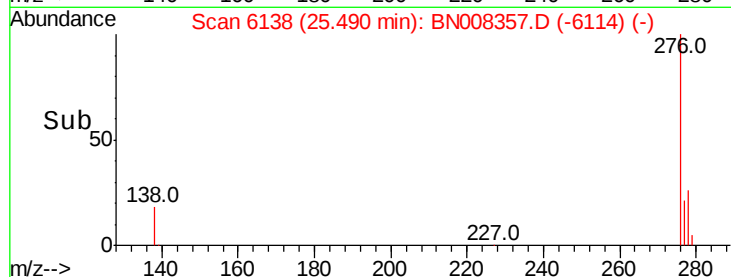
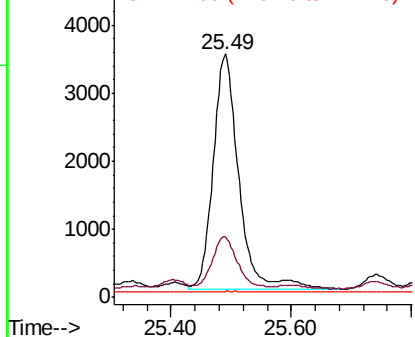
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008357.D
Acq: 23 Oct 2019 19:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 10184
Ion Ratio Lower Upper
276 100
138 19.0 16.1 24.1
227 0.1 0.2 0.2#



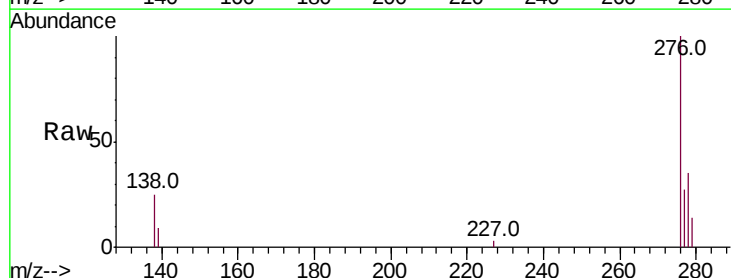
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



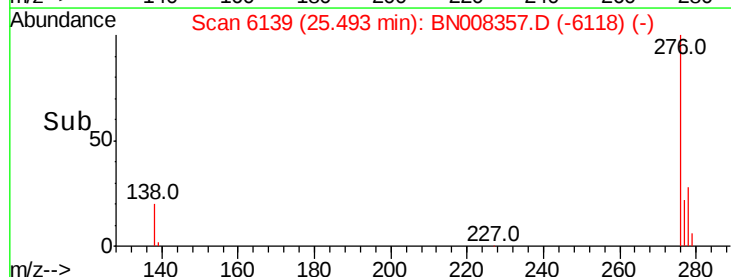
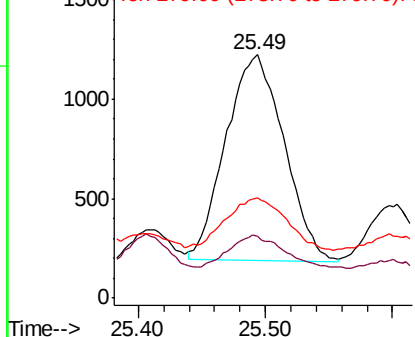
#25

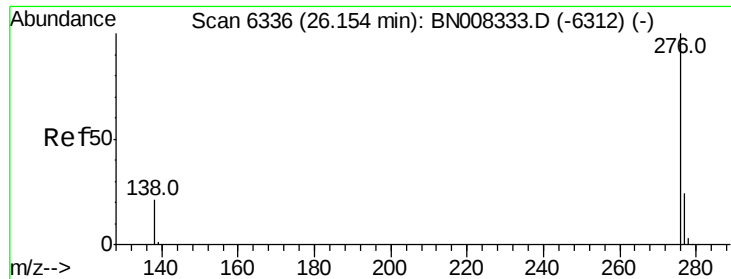
Dibenzo(a,h)anthracene
Concen: 0.120 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.03 min
Lab File: BN008357.D
Acq: 23 Oct 2019 19:44

Tgt Ion:278 Resp: 3305
Ion Ratio Lower Upper
278 100
139 25.2 15.0 22.6#
279 41.2 22.4 33.6#



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: 0.285 ng/ul

RT: 26.14 min Scan# 6333

Delta R.T. -0.02 min

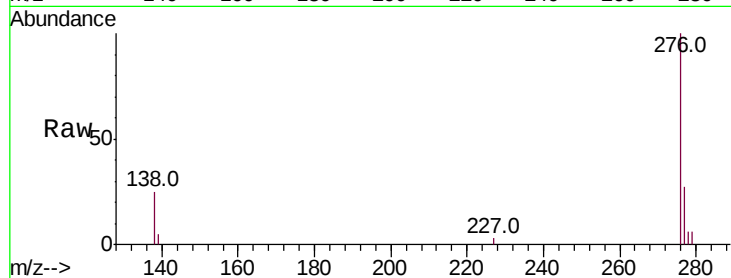
Lab File: BN008357.D

Acq: 23 Oct 2019 19:44

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 9087

Ion Ratio Lower Upper

276 100

138 24.8 17.0 25.4

277 26.6 20.4 30.6

