

Data File : BN008256.D
Acq On : 18 Oct 2019 20:23
Operator : JU
Sample : K5175-16DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Quant Time: Oct 18 23:50:37 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 : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2364	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	10927	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6654	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	13719	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12895	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	11222	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	695	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1919	0.04	ng/ul	0.00

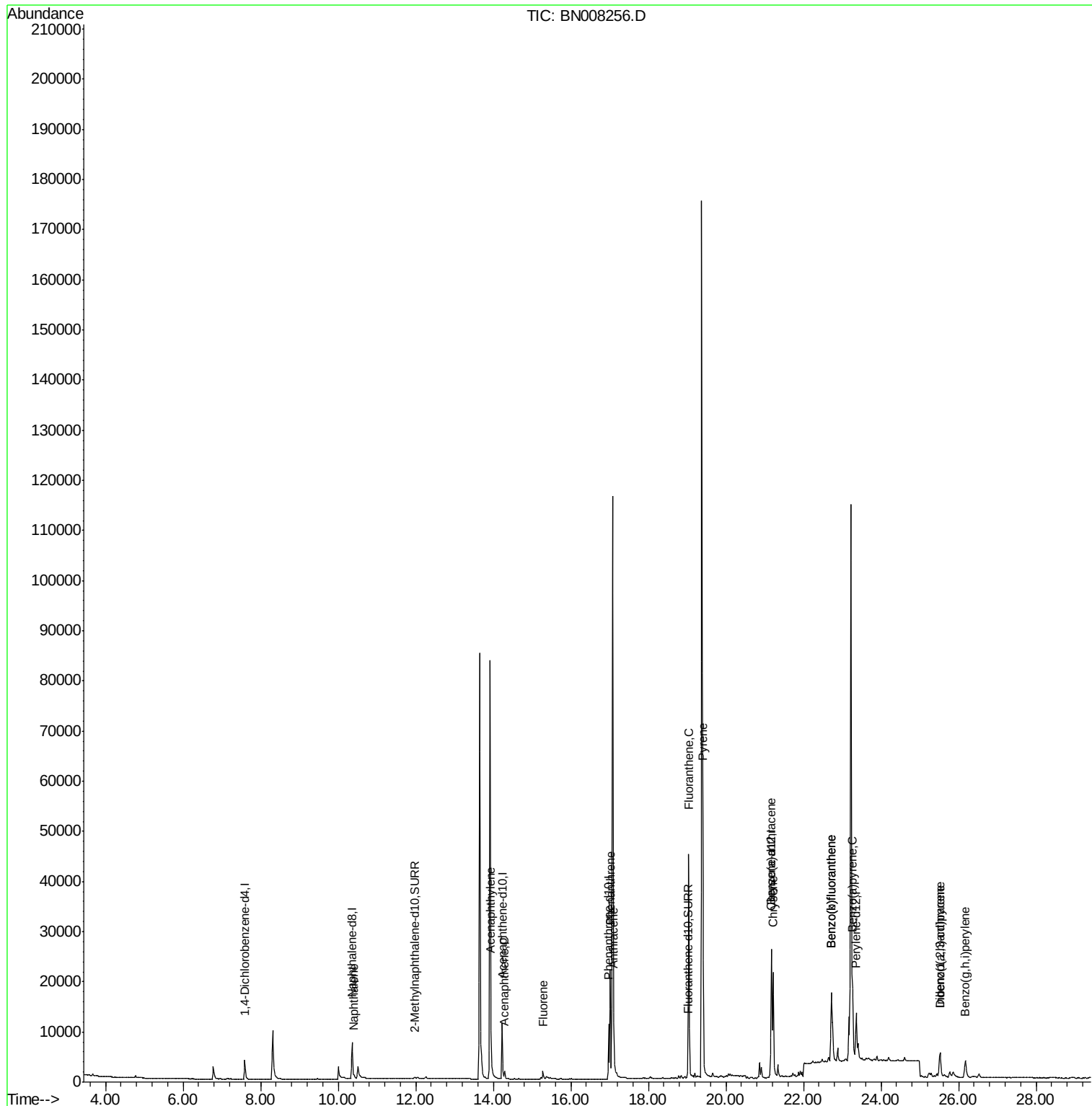
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.41	128	664	0.021	ng/ul#	72
7) Acenaphthylene	13.95	152	1114	0.035	ng/ul#	84
8) Acenaphthene	14.29	153	952	0.039	ng/ul	96
9) Fluorene	15.28	166	1109	0.040	ng/ul#	95
12) Phenanthrene	17.02	178	23961	0.597	ng/ul	99
13) Anthracene	17.11	178	5157	0.146	ng/ul	97
15) Fluoranthene	19.04	202	41234	0.777	ng/ul	96
17) Pyrene	19.41	202	43028	0.838	ng/ul	100
18) Benzo(a)anthracene	21.17	228	22763	0.486	ng/ul	97
19) Chrysene	21.22	228	22406	0.389	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	31978	0.875	ng/ul	98
22) Benzo(k)fluoranthene	22.72	252	31969	0.773	ng/ul	97
23) Benzo(a)pyrene	23.26	252	16840	0.438	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.52	276	8742	0.193	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.52	278	2008	0.056	ng/ul#	61
26) Benzo(g,h,i)perylene	26.17	276	7177	0.173	ng/ul#	94

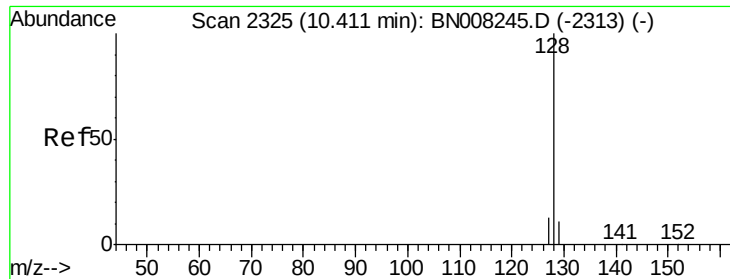
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN008256.D
Acq On : 18 Oct 2019 20:23
Operator : JU
Sample : K5175-16DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Quant Time: Oct 18 23:50:37 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 : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

Instrument :

BNA_N

ClientSampled :

BEPG3DL

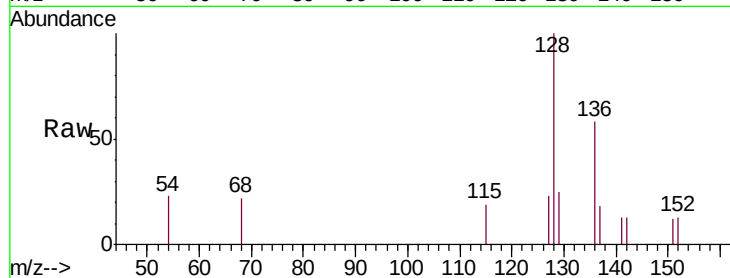
Tgt Ion:128 Resp: 664

Ion Ratio Lower Upper

128 100

129 25.5 9.8 14.8#

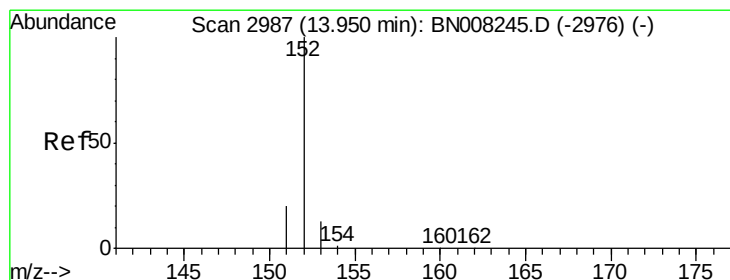
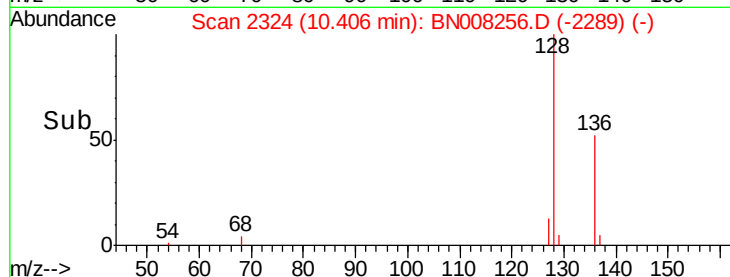
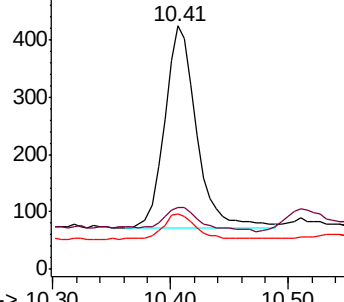
127 22.9 11.1 16.7#



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



#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

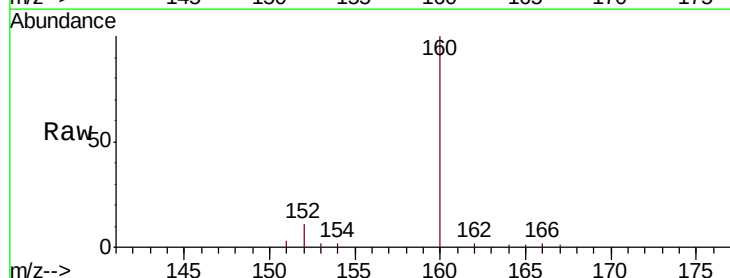
Tgt Ion:152 Resp: 1114

Ion Ratio Lower Upper

152 100

151 26.4 16.2 24.4#

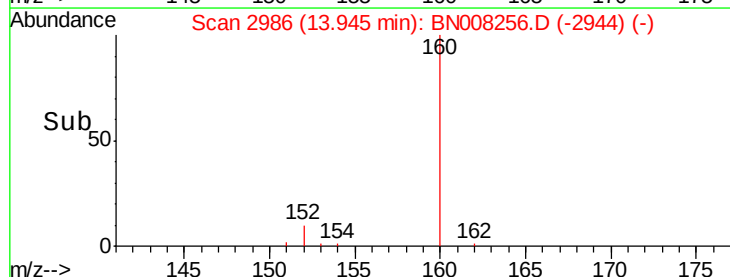
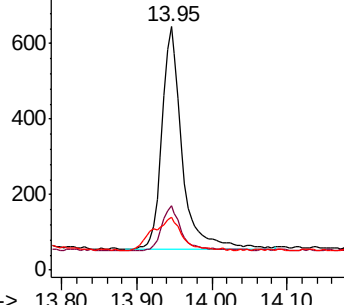
153 21.9 11.0 16.4#

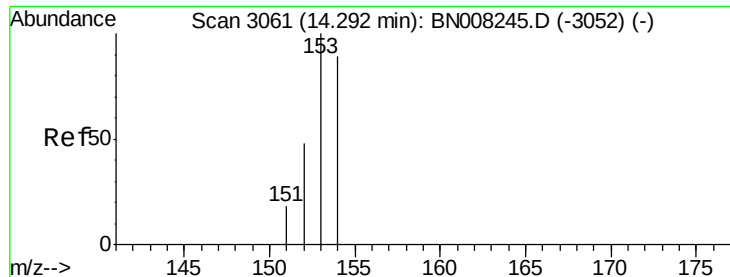


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. 0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

Instrument :

BNA_N

ClientSampleId :

BEPG3DL

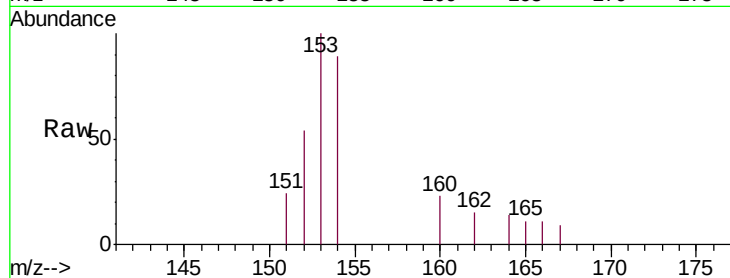
Tgt Ion:153 Resp: 952

Ion Ratio Lower Upper

153 100

152 53.8 38.2 57.2

154 88.7 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

14.29

600

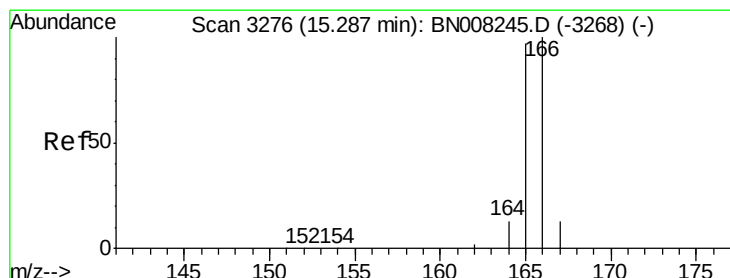
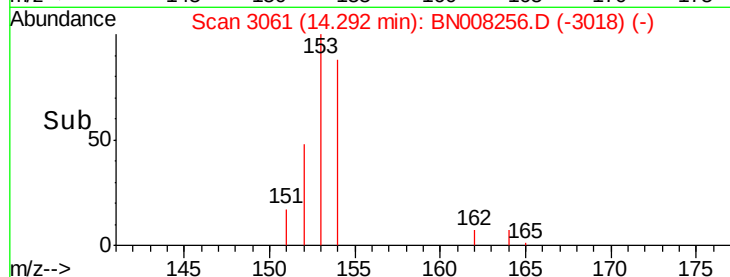
400

200

0

14.25 14.30 14.35

Time-->



#9

Fluorene

Concen: 0.040 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

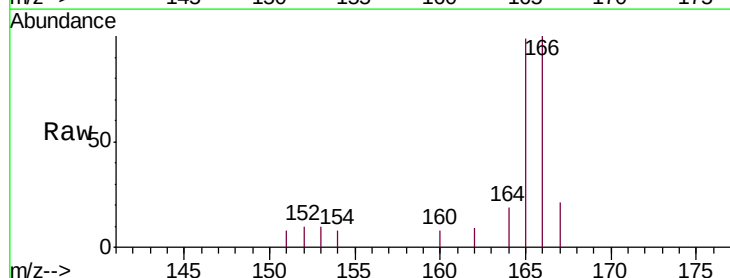
Tgt Ion:166 Resp: 1109

Ion Ratio Lower Upper

166 100

165 99.2 76.6 115.0

167 21.3 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

15.28

1000

800

600

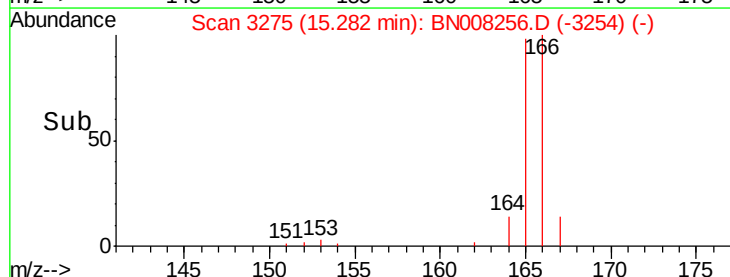
400

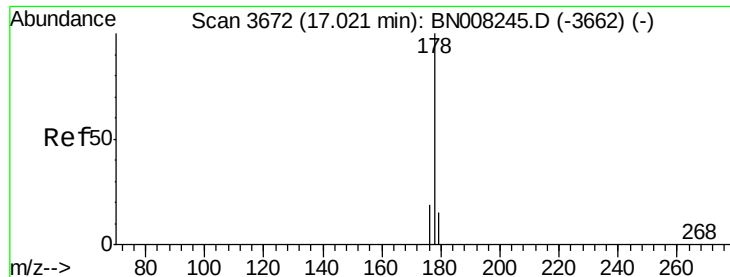
200

0

15.25 15.30 15.35

Time-->





#12

Phenanthrene

Concen: 0.597 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

Instrument :

BNA_N

ClientSampleId :

BEPG3DL

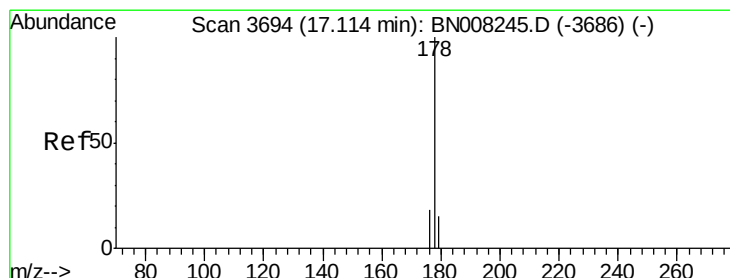
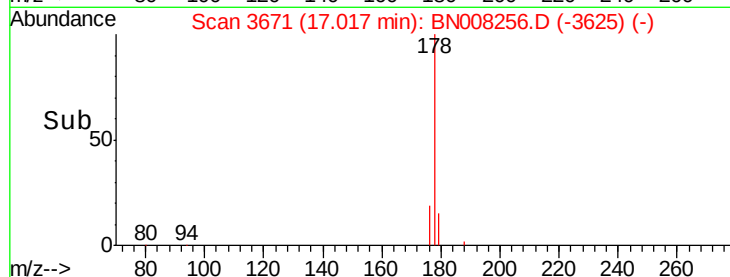
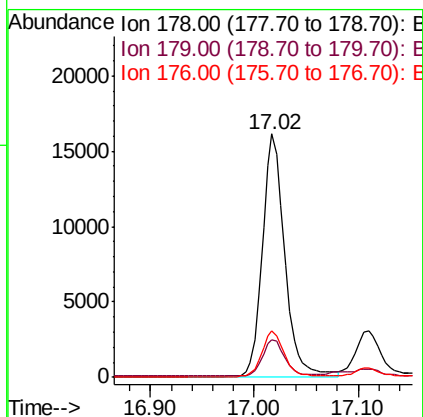
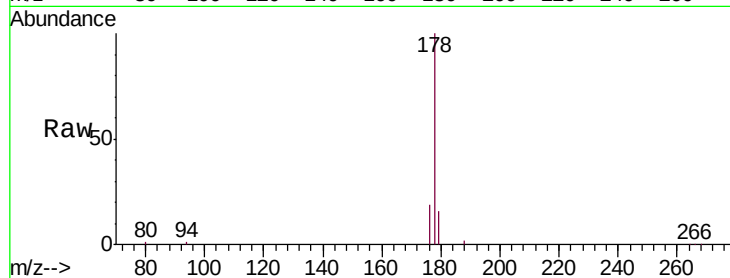
Tgt Ion:178 Resp: 23961

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

176 19.0 15.4 23.2



#13

Anthracene

Concen: 0.146 ng/ul

RT: 17.11 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

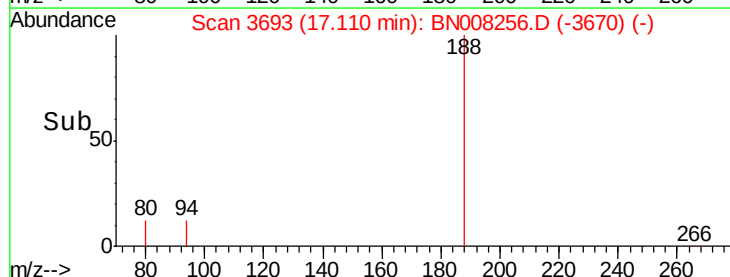
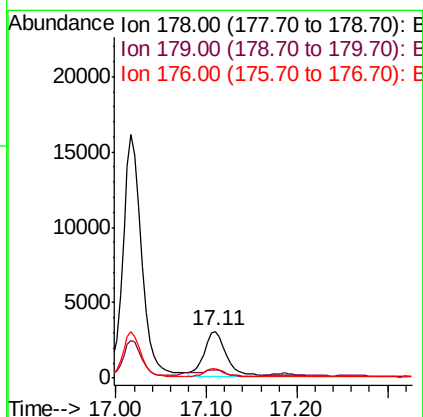
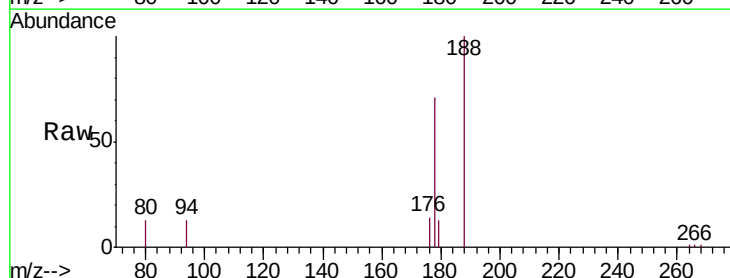
Tgt Ion:178 Resp: 5157

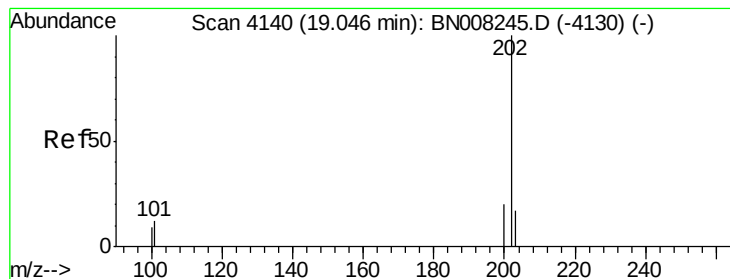
Ion Ratio Lower Upper

178 100

179 18.3 13.0 19.6

176 19.6 15.0 22.6





#15

Fluoranthene

Concen: 0.777 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

Instrument :

BNA_N

ClientSampleId :

BEPG3DL

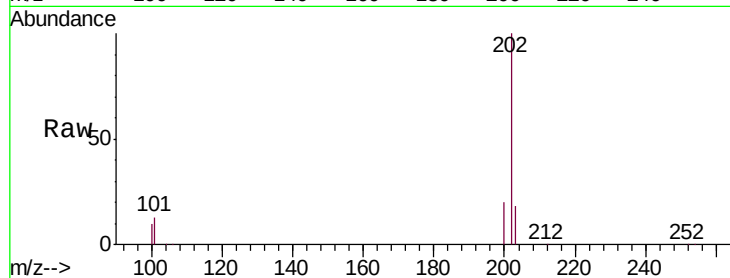
Tgt Ion:202 Resp: 41234

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.2

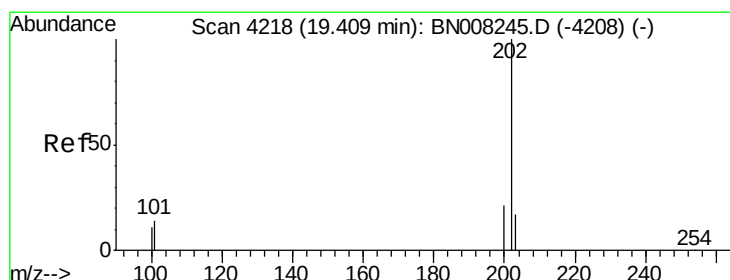
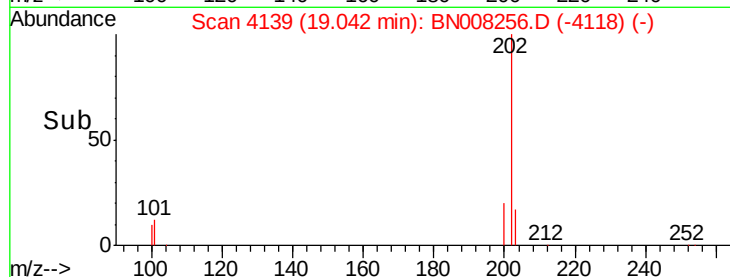
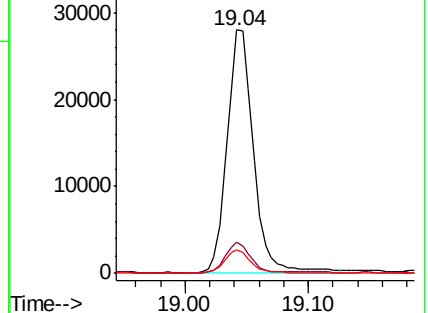
100 9.8 0.0 28.5



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

Pyrene

Concen: 0.838 ng/ul

RT: 19.41 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

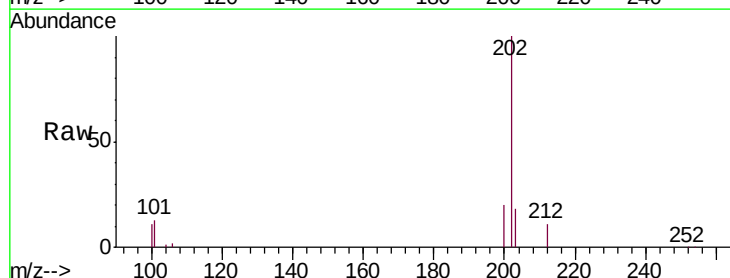
Tgt Ion:202 Resp: 43028

Ion Ratio Lower Upper

202 100

101 13.5 10.9 16.3

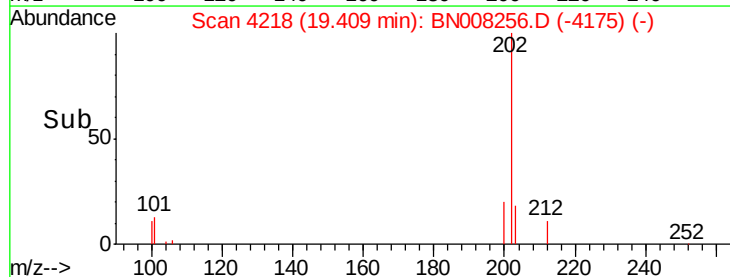
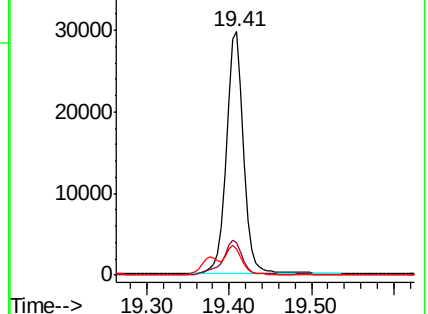
100 10.9 8.7 13.1

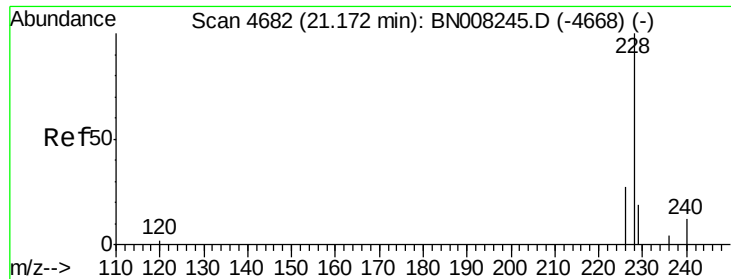


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.486 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

Instrument :

BNA_N

ClientSampleId :

BEPG3DL

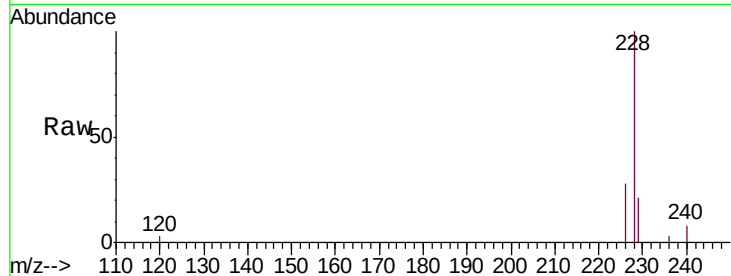
Tgt Ion:228 Resp: 22763

Ion Ratio Lower Upper

228 100

229 21.5 16.2 24.2

226 28.4 21.4 32.0

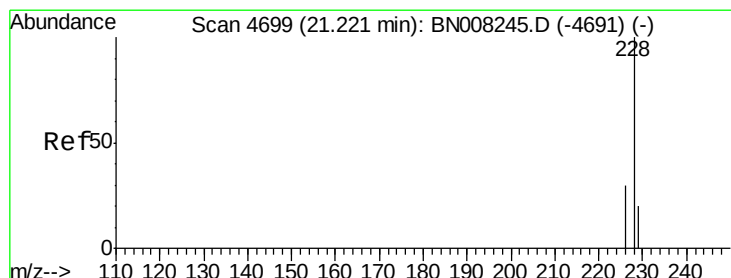
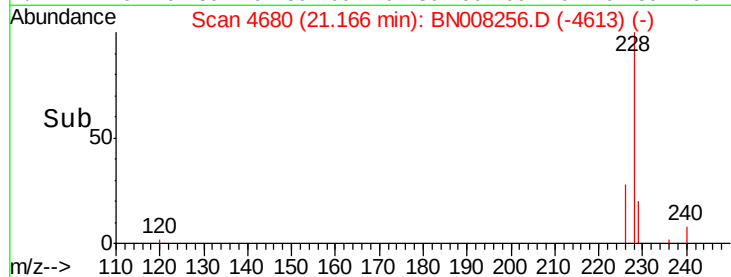
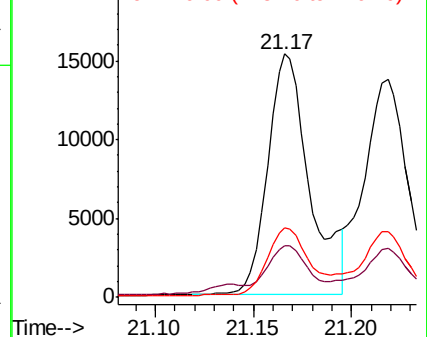


Abundance

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: 0.389 ng/ul

RT: 21.22 min Scan# 4698

Delta R.T. -0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

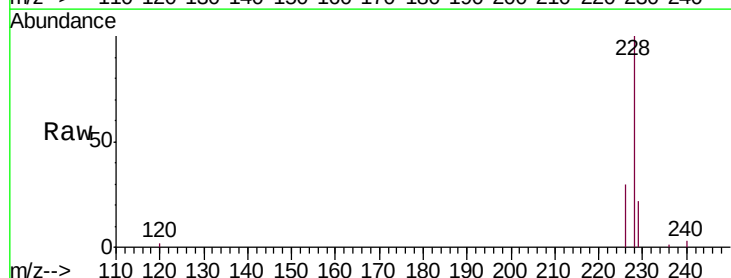
Tgt Ion:228 Resp: 22406

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 22.2 16.2 24.2

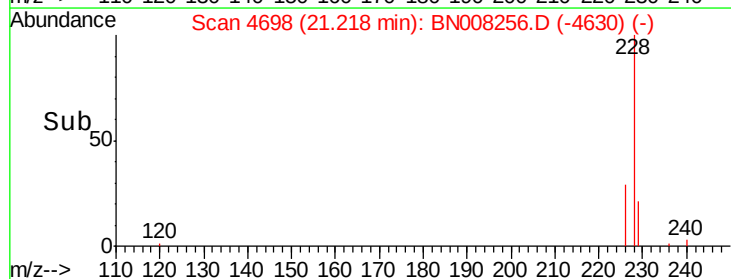
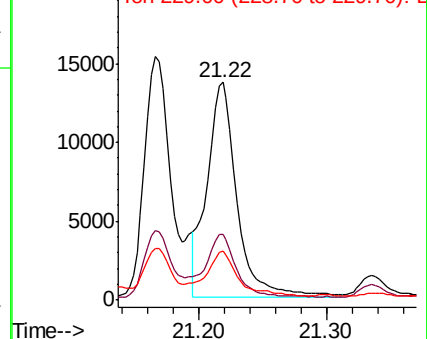


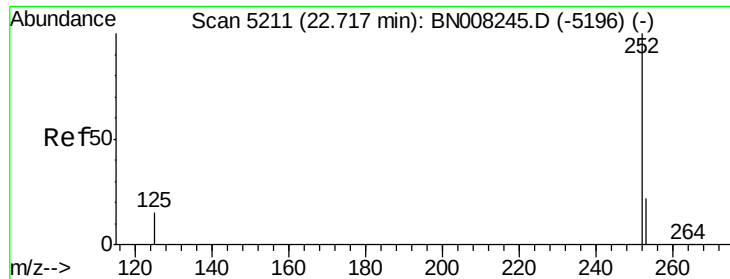
Abundance

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: 0.875 ng/ul

RT: 22.72 min Scan# 5211

Delta R.T. 0.00 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

Instrument :

BNA_N

ClientSampleId :

BEPG3DL

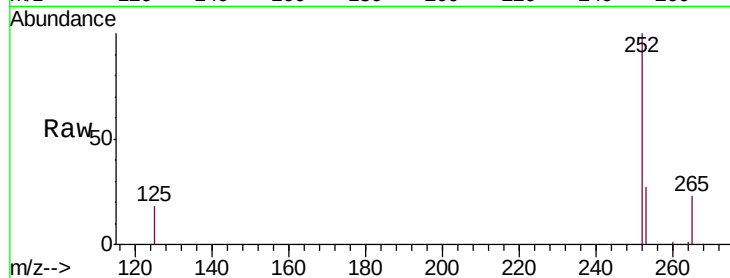
Tgt Ion:252 Resp: 31978

Ion Ratio Lower Upper

252 100

253 26.6 0.0 53.4

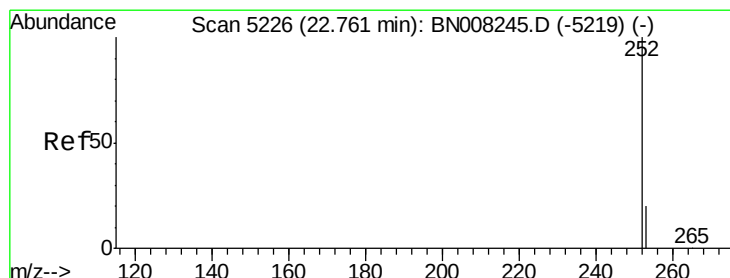
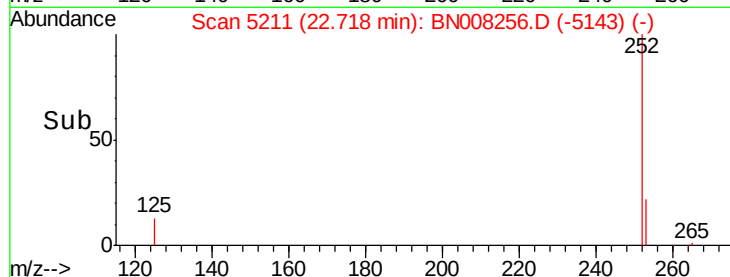
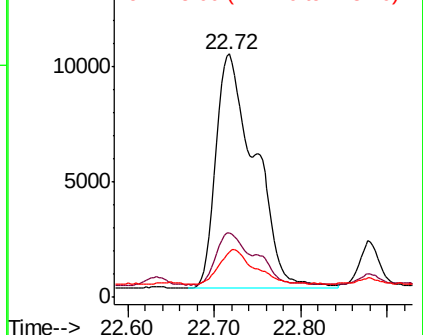
125 18.4 0.0 32.4



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: 0.773 ng/ul

RT: 22.72 min Scan# 5211

Delta R.T. -0.04 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

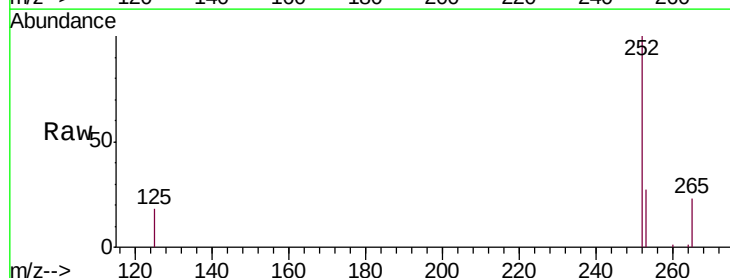
Tgt Ion:252 Resp: 31969

Ion Ratio Lower Upper

252 100

253 26.6 21.3 31.9

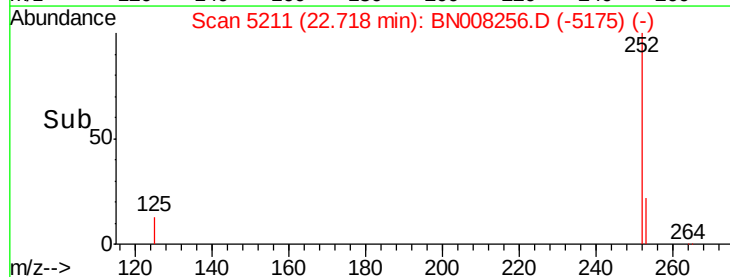
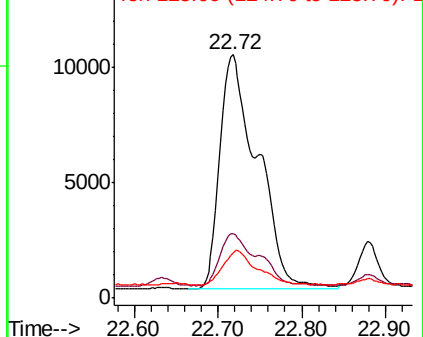
125 18.4 12.3 18.5

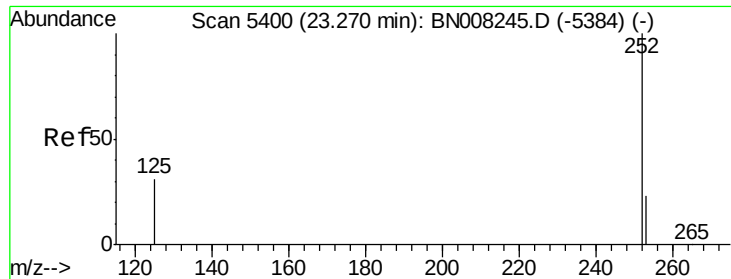


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.438 ng/ul

RT: 23.26 min Scan# 5398

Delta R.T. -0.01 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

Instrument :

BNA_N

ClientSampleId :

BEPG3DL

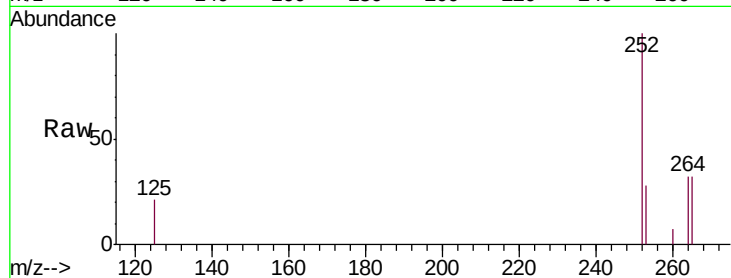
Tgt Ion:252 Resp: 16840

Ion Ratio Lower Upper

252 100

253 27.5 22.8 34.2

125 21.1 18.4 27.6

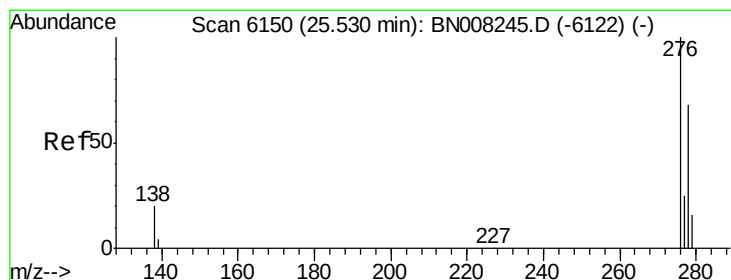
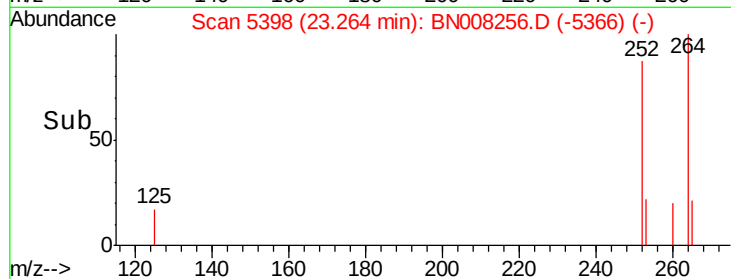
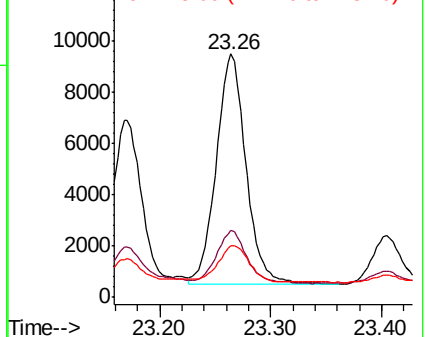


Abundance

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: 0.193 ng/ul

RT: 25.52 min Scan# 6146

Delta R.T. -0.01 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

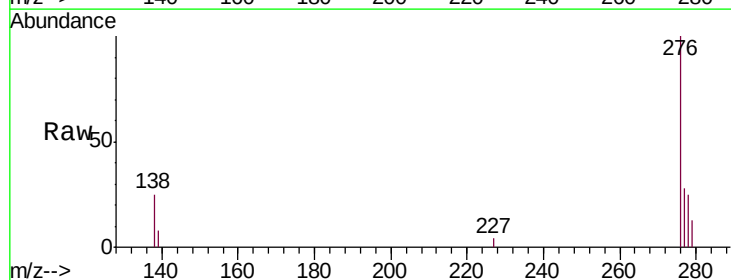
Tgt Ion:276 Resp: 8742

Ion Ratio Lower Upper

276 100

138 18.9 16.1 24.1

227 0.0 0.2 0.2#

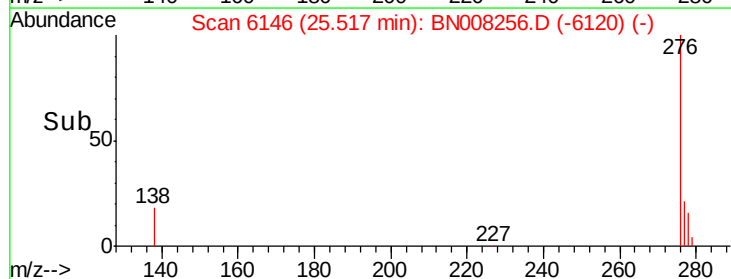
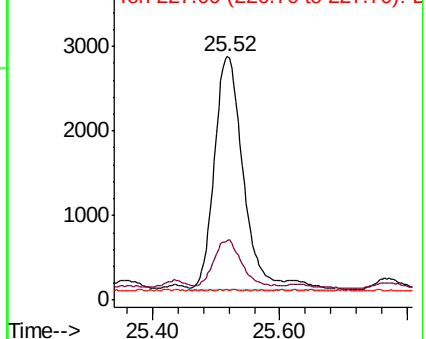


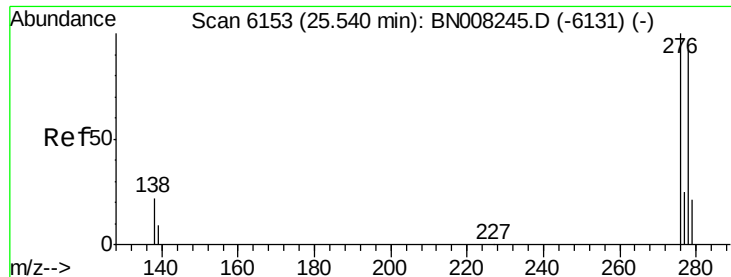
Abundance

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: 0.056 ng/ul

RT: 25.52 min Scan# 6148

Delta R.T. -0.02 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

Instrument :

BNA_N

ClientSampleId :

BEPG3DL

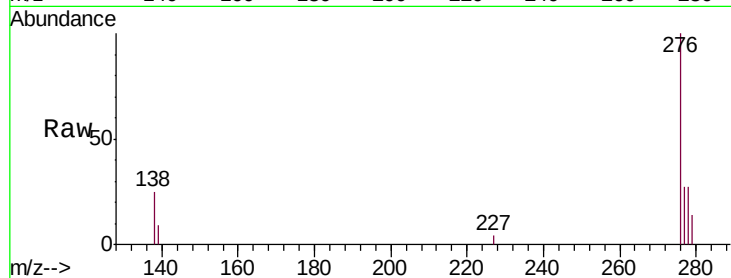
Tgt Ion: 278 Resp: 2008

Ion Ratio Lower Upper

278 100

139 32.3 15.0 22.6#

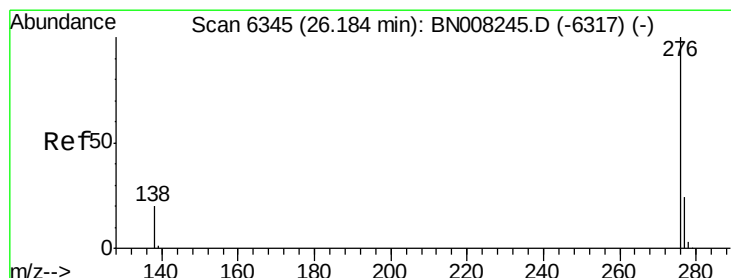
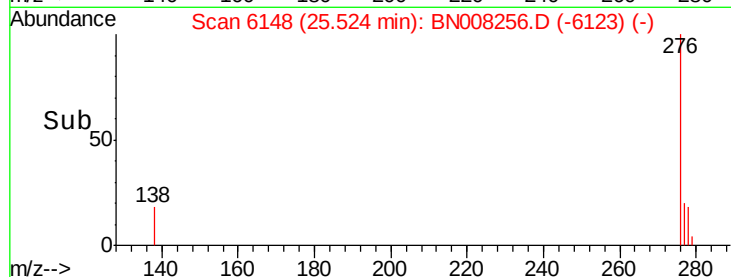
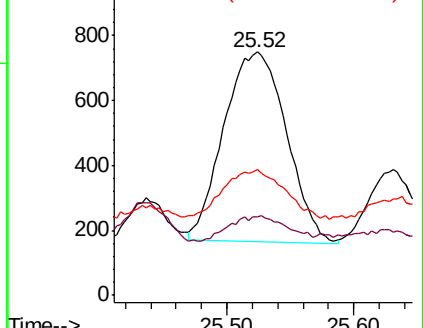
279 51.7 22.4 33.6#



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(g,h,i)perylene

Concen: 0.173 ng/ul

RT: 26.17 min Scan# 6342

Delta R.T. -0.01 min

Lab File: BN008256.D

Acq: 18 Oct 2019 20:23

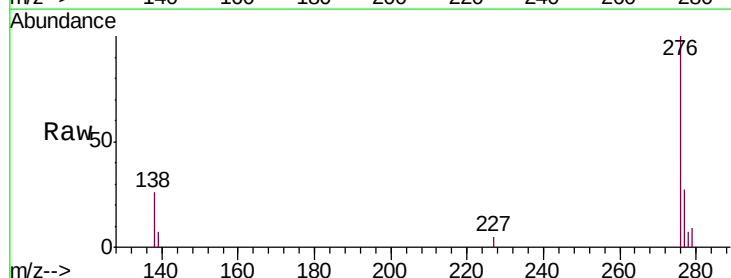
Tgt Ion: 276 Resp: 7177

Ion Ratio Lower Upper

276 100

138 25.7 17.0 25.4#

277 27.1 20.4 30.6



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

