

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053019\
 Data File : BN005966.D
 Acq On : 30 May 2019 19:15
 Operator : JU/SJ
 Sample : K2788-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 31 01:07:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 15:28:35 2019
 Response via : Initial Calibration

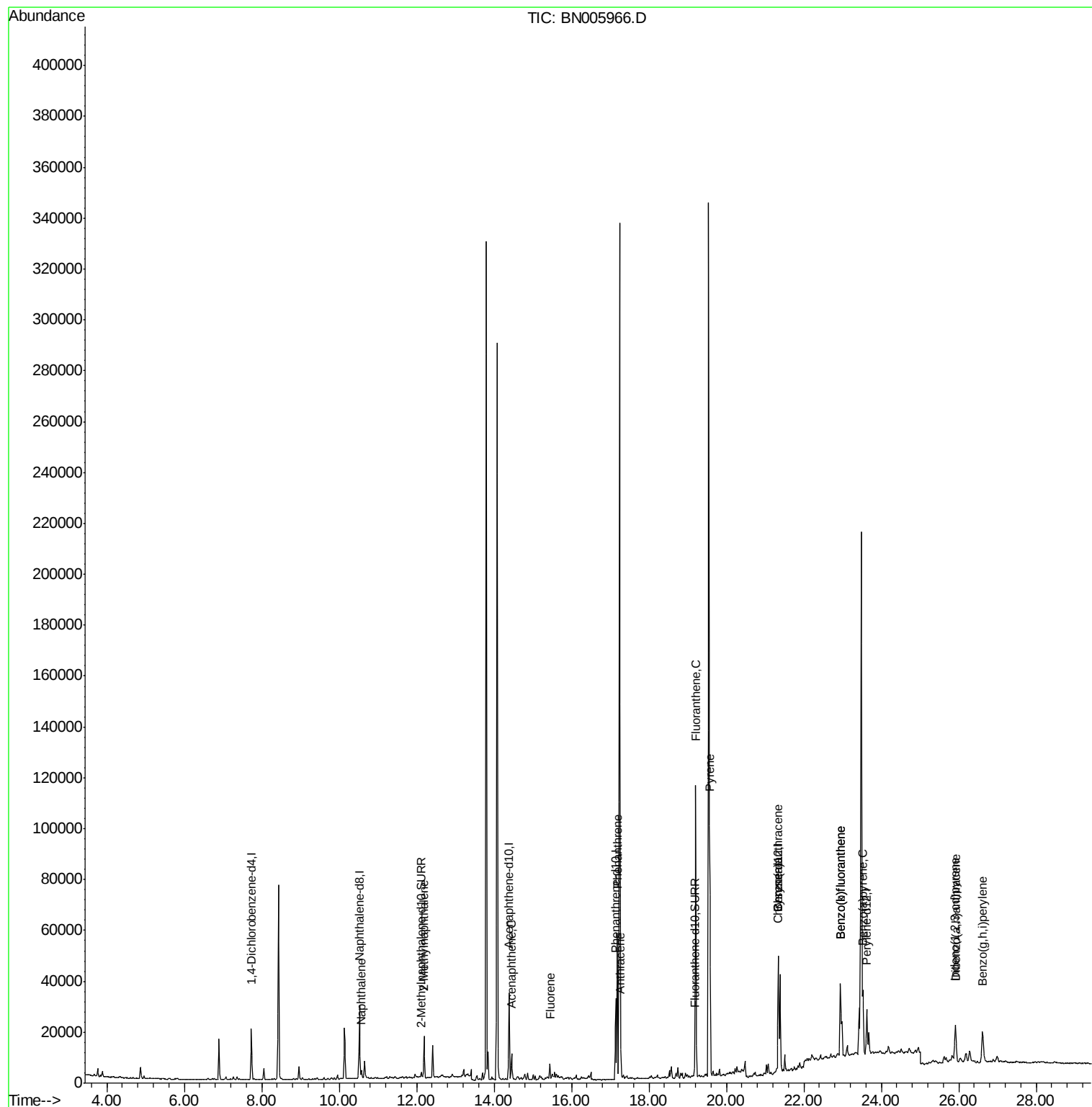
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	9613	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	36483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.39	164	18098	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	34496	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	20236	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	22120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2628	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	3933	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	4334	0.043	ng/ul#	89
5) 2-Methylnaphthalene	12.19	142	11620	0.166	ng/ul	99
8) Acenaphthene	14.45	153	5955	0.085	ng/ul	99
9) Fluorene	15.44	166	3358	0.041	ng/ul#	87
12) Phenanthrene	17.18	178	57383	0.518	ng/ul	100
13) Anthracene	17.27	178	10288	0.097	ng/ul	95
15) Fluoranthene	19.21	202	90359	0.739	ng/ul	96
17) Pyrene	19.57	202	76520	0.718	ng/ul	98
18) Benzo(a)anthracene	21.33	228	33530	0.375	ng/ul	96
19) Chrysene	21.33	228	33530	0.399	ng/ul	95
21) Benzo(b)fluoranthene	22.94	252	60511	0.656	ng/ul	81
22) Benzo(k)fluoranthene	22.94	252	60511	0.674	ng/ul#	78
23) Benzo(a)pyrene	23.53	252	31037	0.361	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.91	276	22422	0.241	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.92	278	5985	0.081	ng/ul#	1
26) Benzo(a,h,i)perylene	26.62	276	24954	0.320	ng/ul#	87

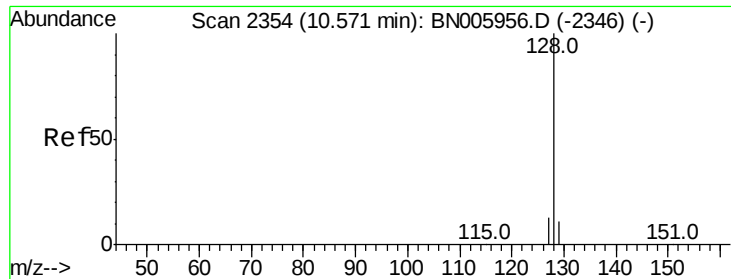
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053019\
Data File : BN005966.D
Acq On : 30 May 2019 19:15
Operator : JU/SJ
Sample : K2788-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 31 01:07:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 15:28:35 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

ClientSampleId :

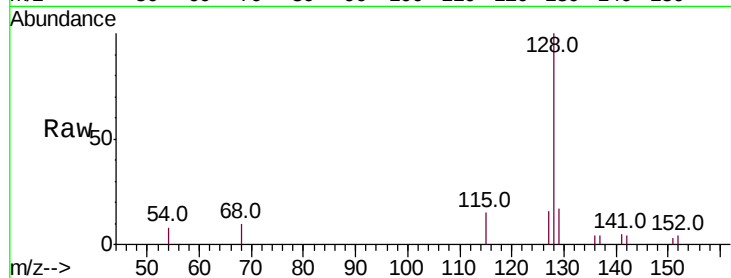
Tot Ion:128 Resp: 4334

Ion Ratio Lower Upper

128 100

129 17.2 9.3 13.9#

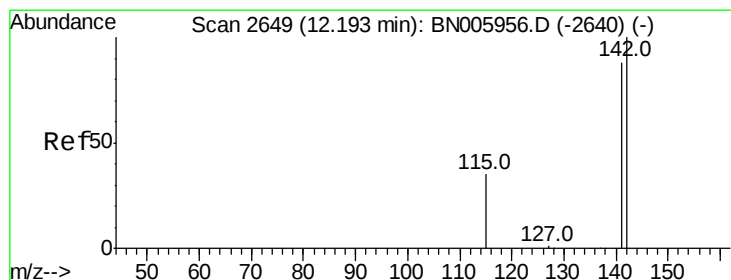
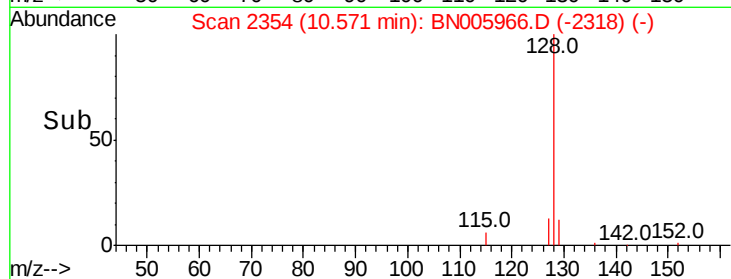
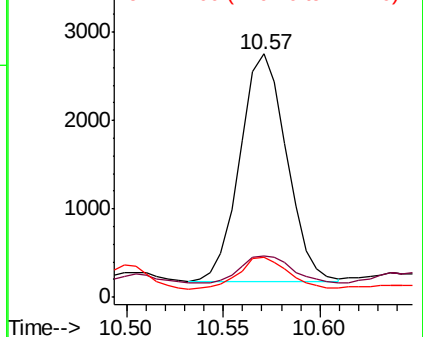
127 16.3 10.7 16.1#



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: 0.166 ng/ul

RT: 12.19 min Scan# 2649

Delta R.T. -0.00 min

Lab File: BN005966.D

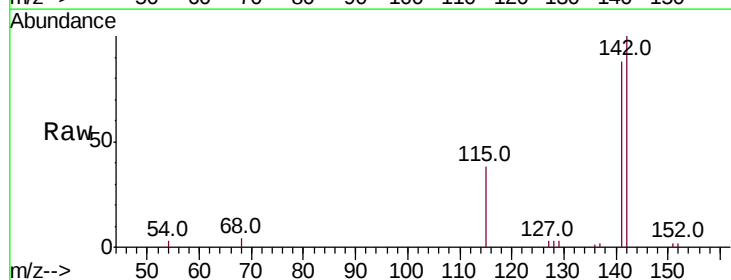
Acq: 30 May 2019 19:15

Tgt Ion:142 Resp: 11620

Ion Ratio Lower Upper

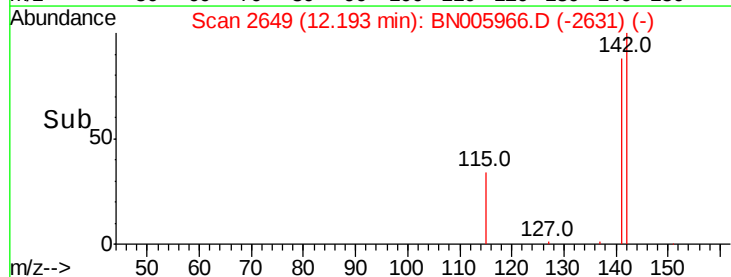
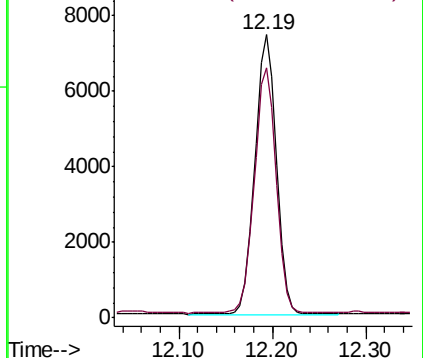
142 100

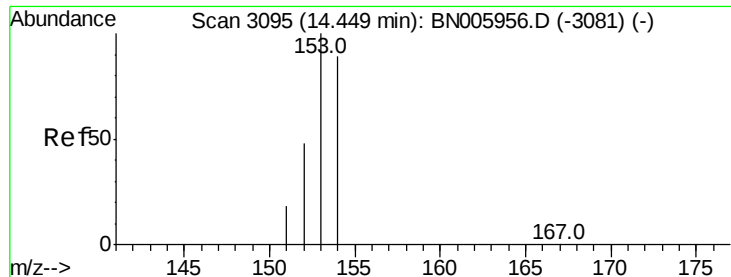
141 87.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.085 ng/ul

RT: 14.45 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

ClientSampleId :

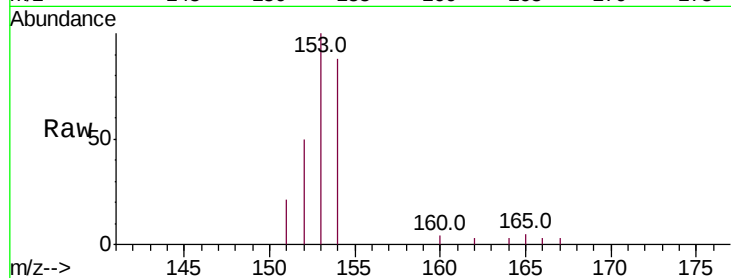
Tot Ion:153 Resp: 5955

Ion Ratio Lower Upper

153 100

152 50.4 39.1 58.7

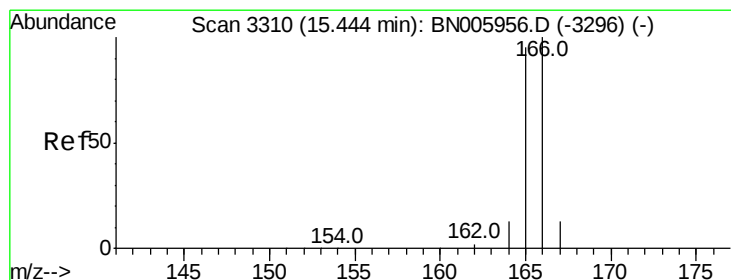
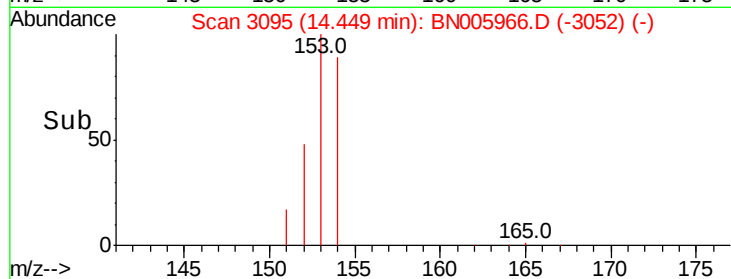
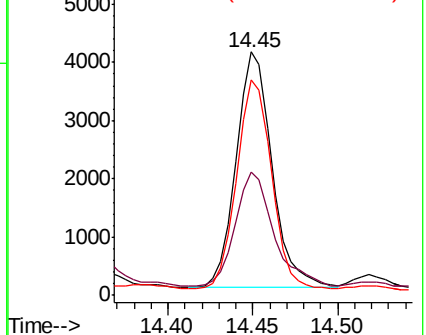
154 88.5 71.1 106.7



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: 0.041 ng/ul

RT: 15.44 min Scan# 3309

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

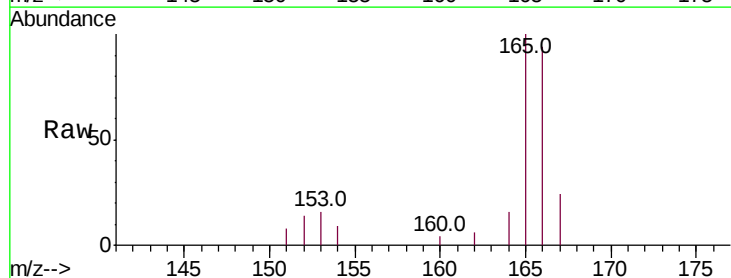
Tgt Ion:166 Resp: 3358

Ion Ratio Lower Upper

166 100

165 106.2 76.4 114.6

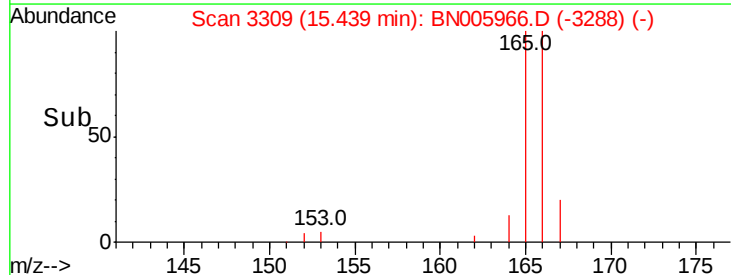
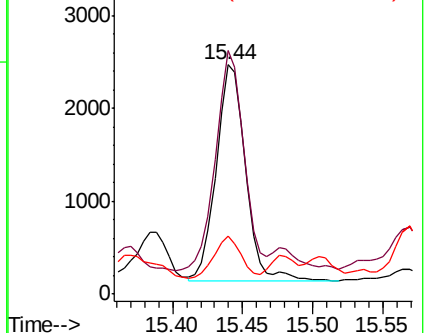
167 25.4 11.0 16.6#

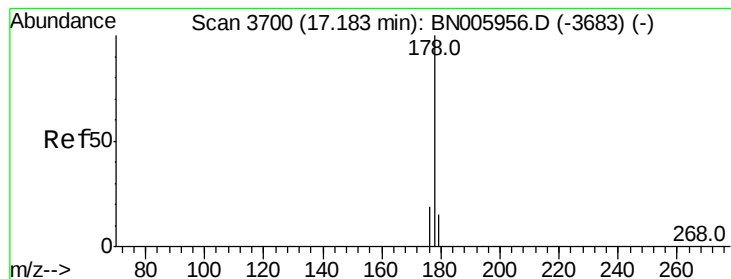


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.518 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

ClientSampled :

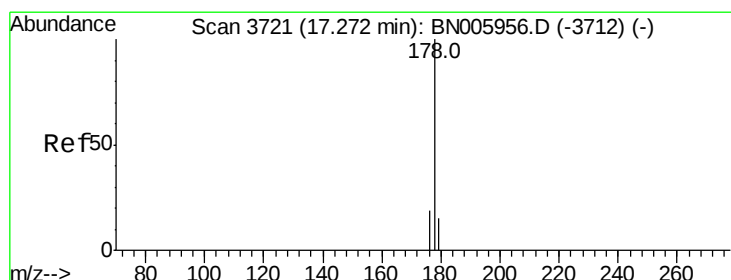
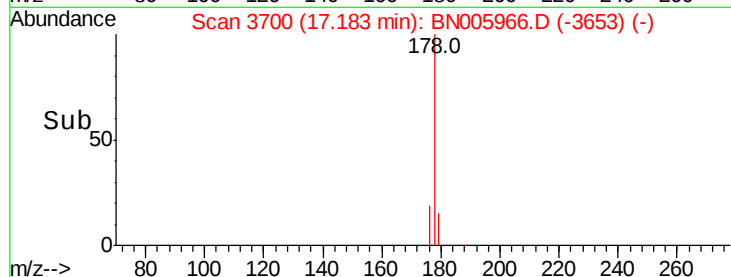
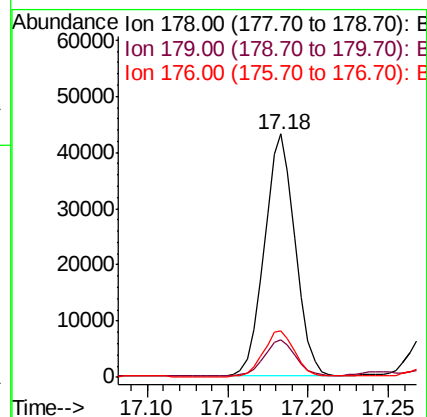
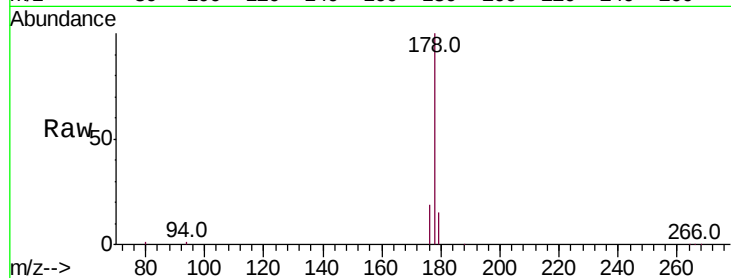
Tot Ion:178 Resp: 57383

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.3 15.3 22.9



#13

Anthracene

Concen: 0.097 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

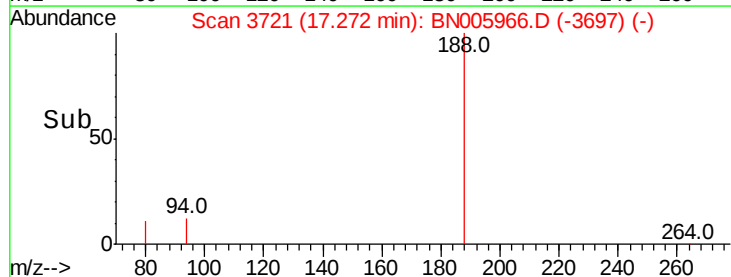
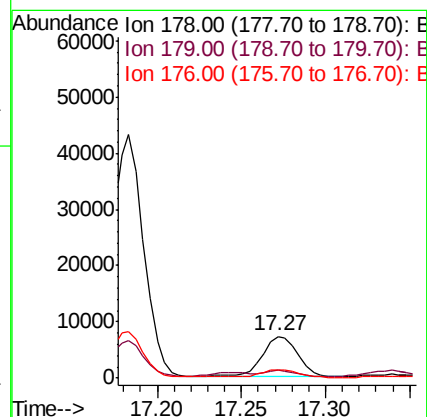
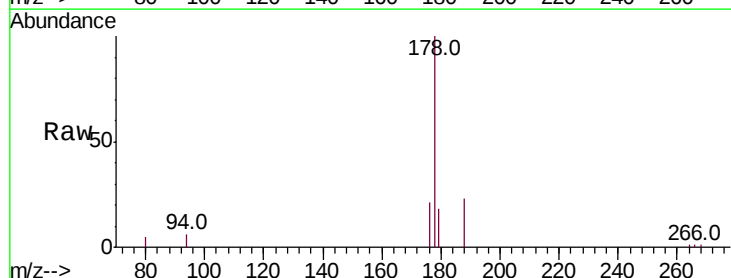
Tgt Ion:178 Resp: 10288

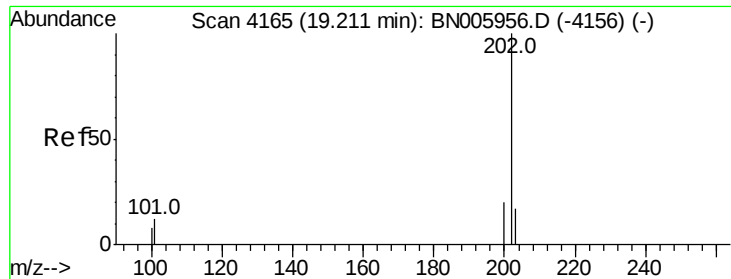
Ion Ratio Lower Upper

178 100

179 18.1 12.2 18.4

176 20.9 15.1 22.7





#15

Fluoranthene

Concen: 0.739 ng/ul

RT: 19.21 min Scan# 4164

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

ClientSampleId :

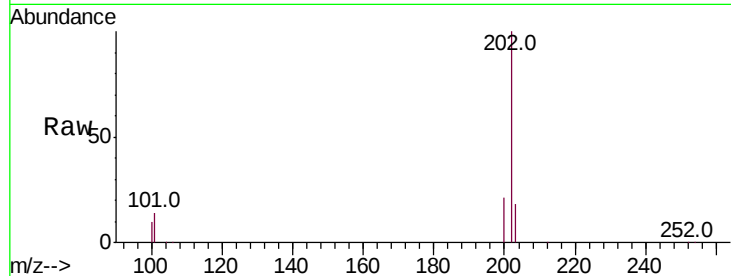
Tot Ion:202 Resp: 90359

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.1

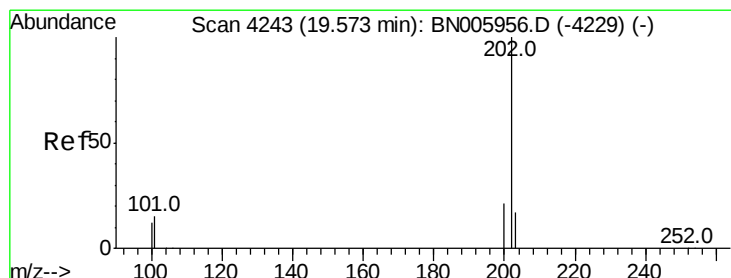
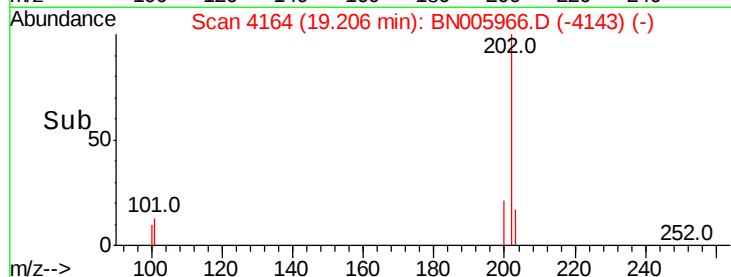
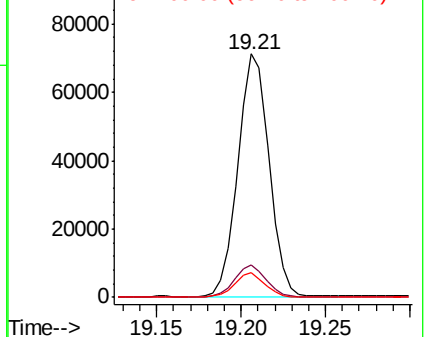
100 10.0 0.0 28.7



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: 0.718 ng/ul

RT: 19.57 min Scan# 4243

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

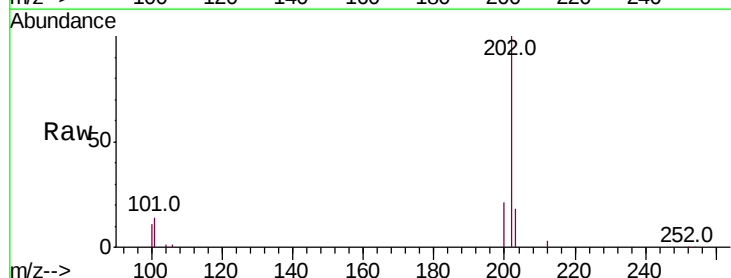
Tgt Ion:202 Resp: 76520

Ion Ratio Lower Upper

202 100

101 14.3 12.2 18.2

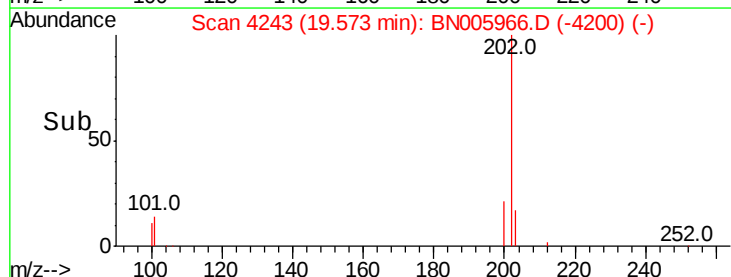
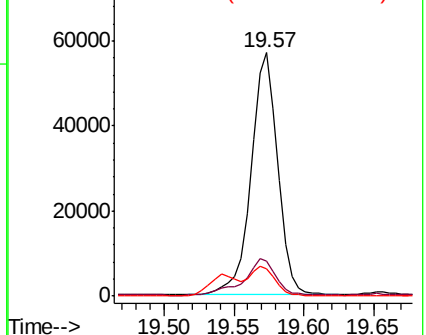
100 11.3 9.8 14.6

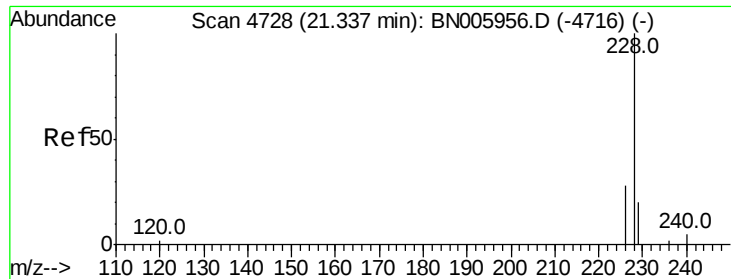


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.375 ng/ul

RT: 21.33 min Scan# 4727

Delta R.T. -0.00 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

ClientSampleId :

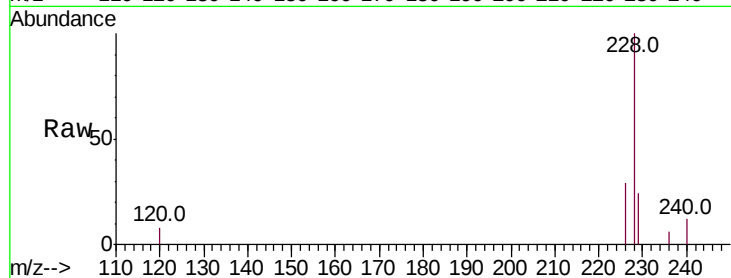
Tot Ion:228 Resp: 33530

Ion Ratio Lower Upper

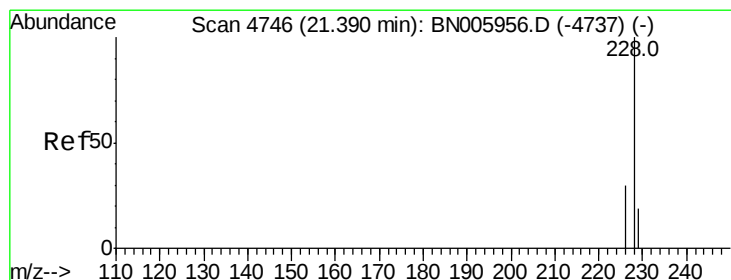
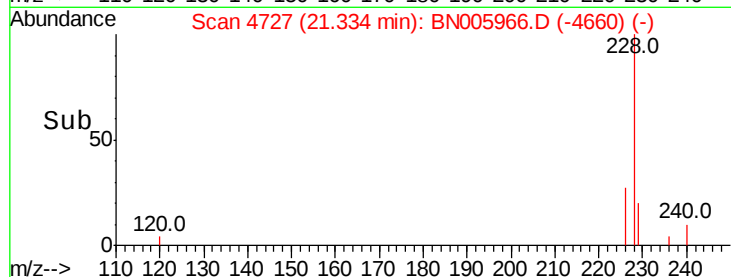
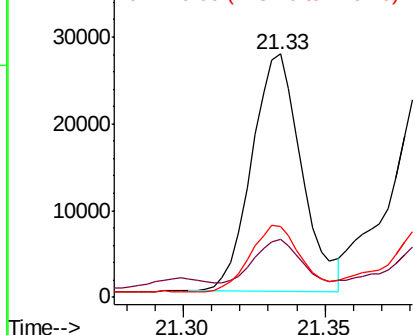
228 100

229 23.7 16.5 24.7

226 29.3 22.8 34.2



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: 0.399 ng/ul

RT: 21.33 min Scan# 4727

Delta R.T. -0.06 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

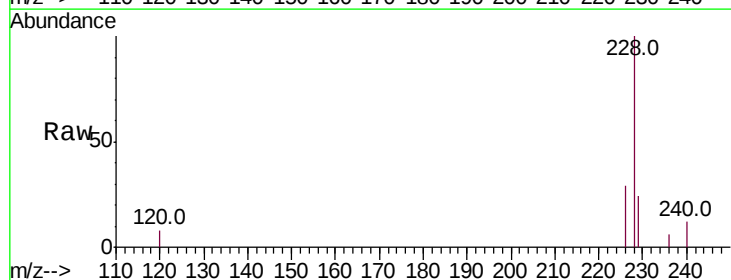
Tgt Ion:228 Resp: 33530

Ion Ratio Lower Upper

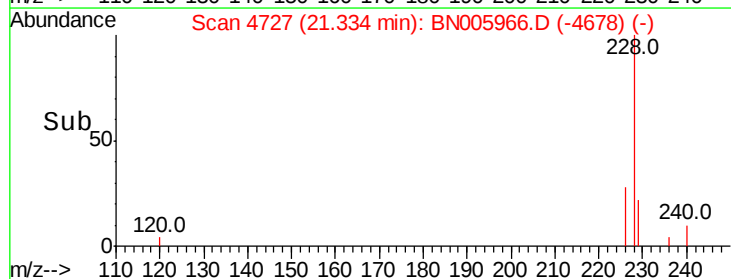
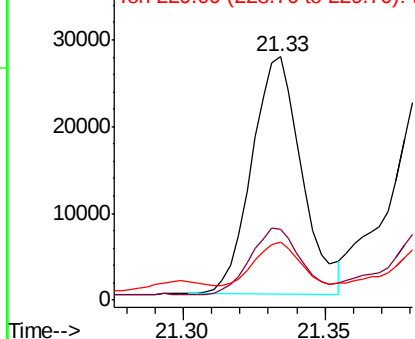
228 100

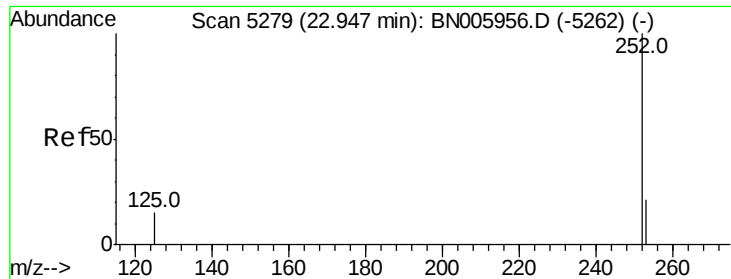
226 29.3 25.0 37.6

229 23.7 16.3 24.5



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: 0.656 ng/ul

RT: 22.94 min Scan# 5277

Delta R.T. -0.01 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

ClientSampleId :

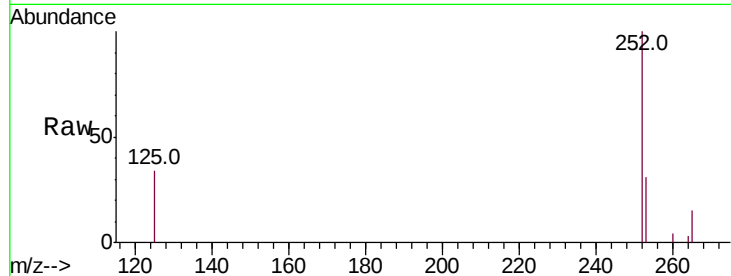
Tot Ion:252 Resp: 60511

Ion Ratio Lower Upper

252 100

253 30.7 0.0 51.4

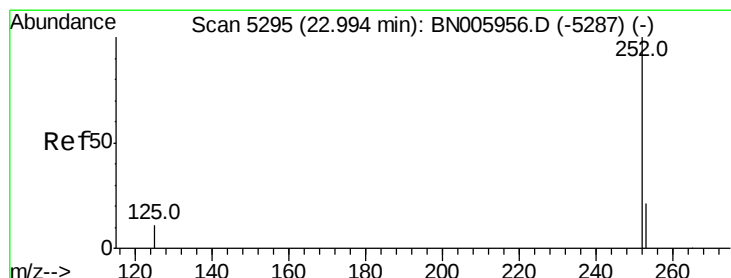
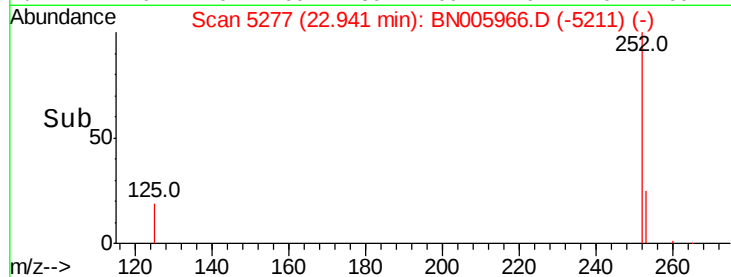
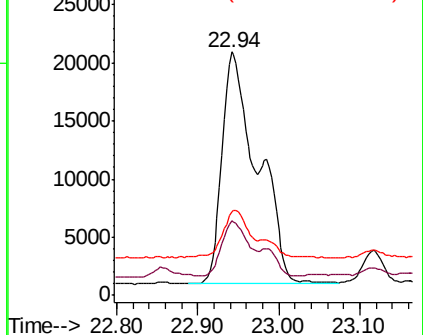
125 34.3 0.0 41.0



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: 0.674 ng/ul

RT: 22.94 min Scan# 5277

Delta R.T. -0.05 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

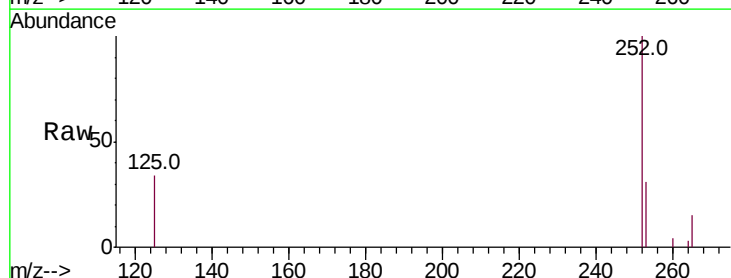
Tgt Ion:252 Resp: 60511

Ion Ratio Lower Upper

252 100

253 30.7 20.3 30.5#

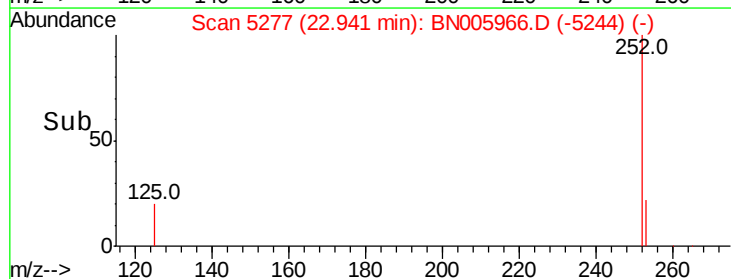
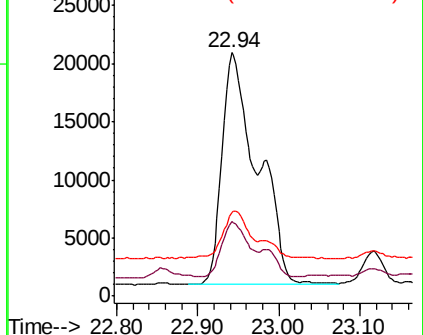
125 34.3 14.3 21.5#

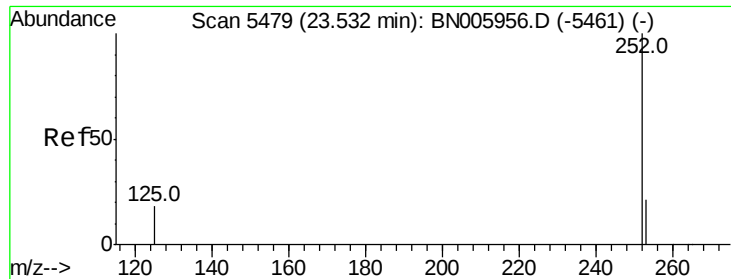


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.361 ng/ul

RT: 23.53 min Scan# 5477

Delta R.T. -0.01 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

ClientSampleId :

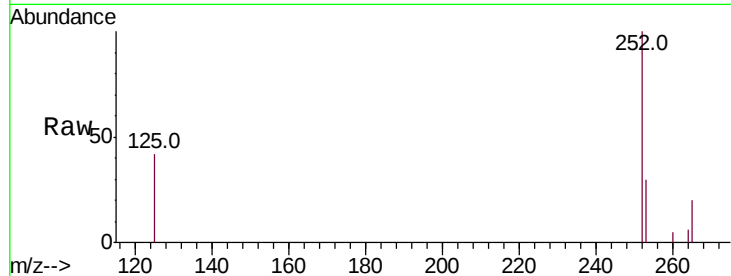
Tot Ion:252 Resp: 31037

Ion Ratio Lower Upper

252 100

253 30.4 21.1 31.7

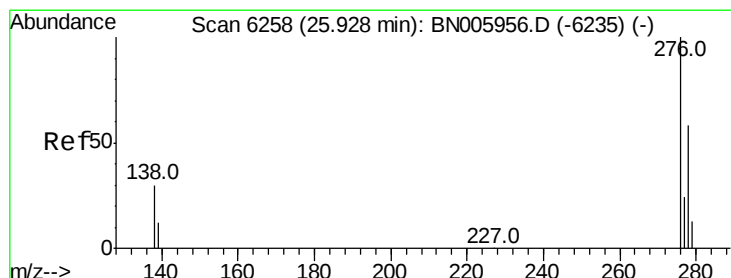
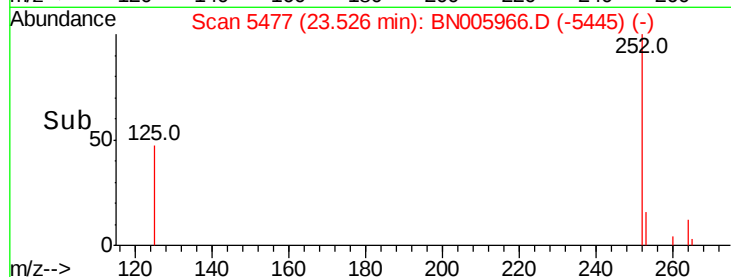
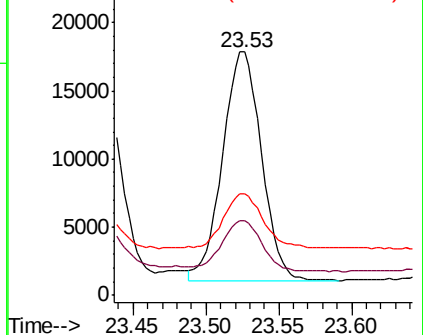
125 41.7 20.3 30.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.241 ng/ul

RT: 25.91 min Scan# 6254

Delta R.T. -0.01 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

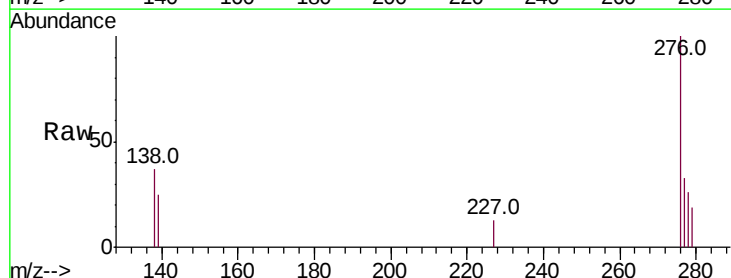
Tgt Ion:276 Resp: 22422

Ion Ratio Lower Upper

276 100

138 26.7 25.6 38.4

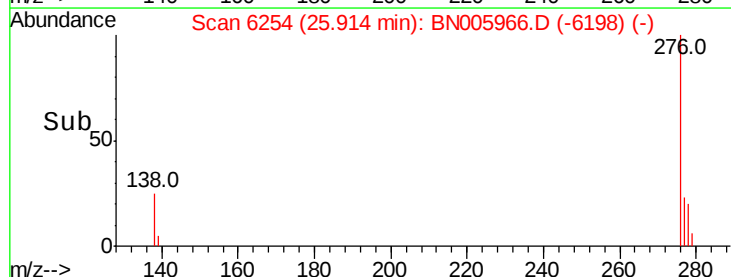
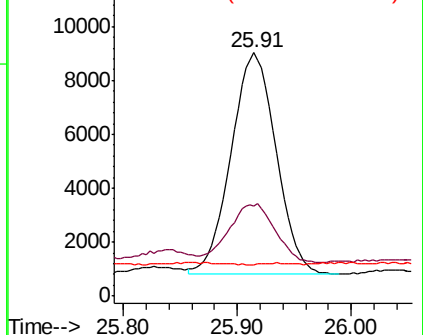
227 0.2 0.3 0.5#

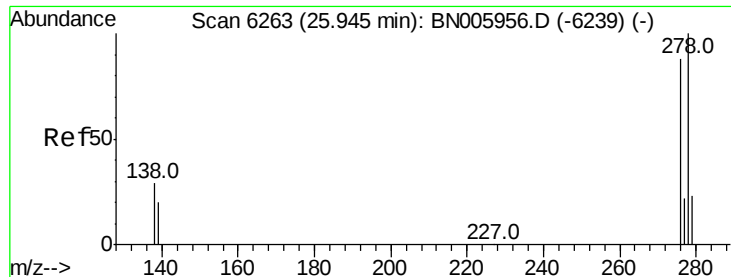


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.081 ng/ul

RT: 25.92 min Scan# 6257

Delta R.T. -0.02 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

Instrument :

BNA_N

ClientSampleId :

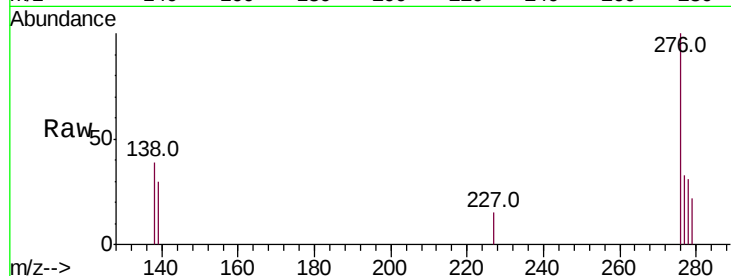
Tot Ion:278 Resp: 5985

Ion Ratio Lower Upper

278 100

139 96.3 21.2 31.8#

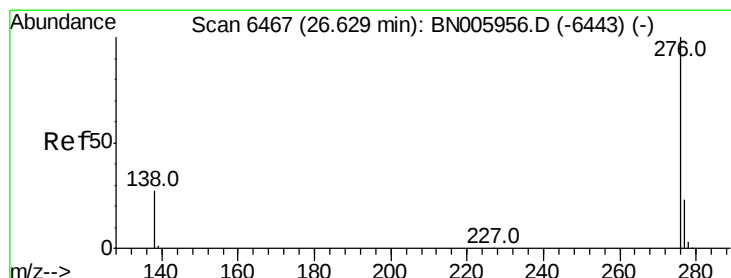
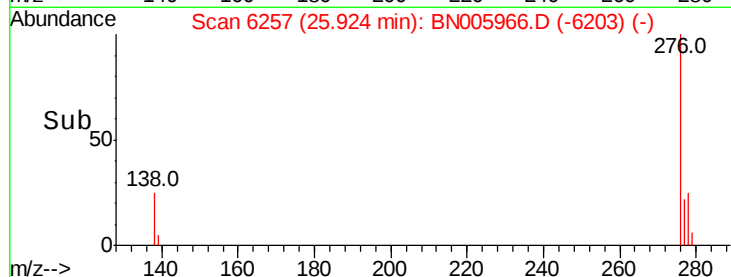
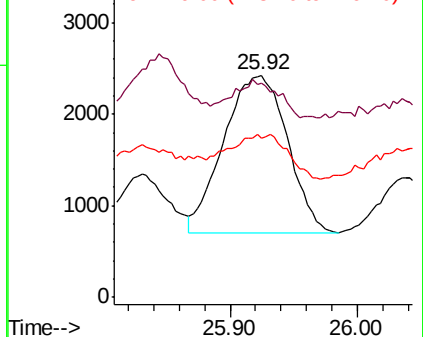
279 72.0 22.6 33.8#



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: 0.320 ng/ul

RT: 26.62 min Scan# 6464

Delta R.T. -0.01 min

Lab File: BN005966.D

Acq: 30 May 2019 19:15

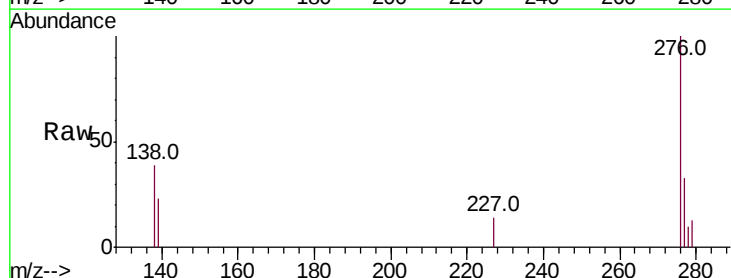
Tgt Ion:276 Resp: 24954

Ion Ratio Lower Upper

276 100

138 38.6 24.2 36.4#

277 32.5 21.5 32.3#



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

