

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006578.D
 Acq On : 25 Jun 2019 19:43
 Operator : HP/JU
 Sample : K3388-08DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4219DL

Quant Time: Jun 26 00:51:27 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5391	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20115	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9618	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17930	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10138	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	13600	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1327	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2095	0.04	ng/ul	0.00

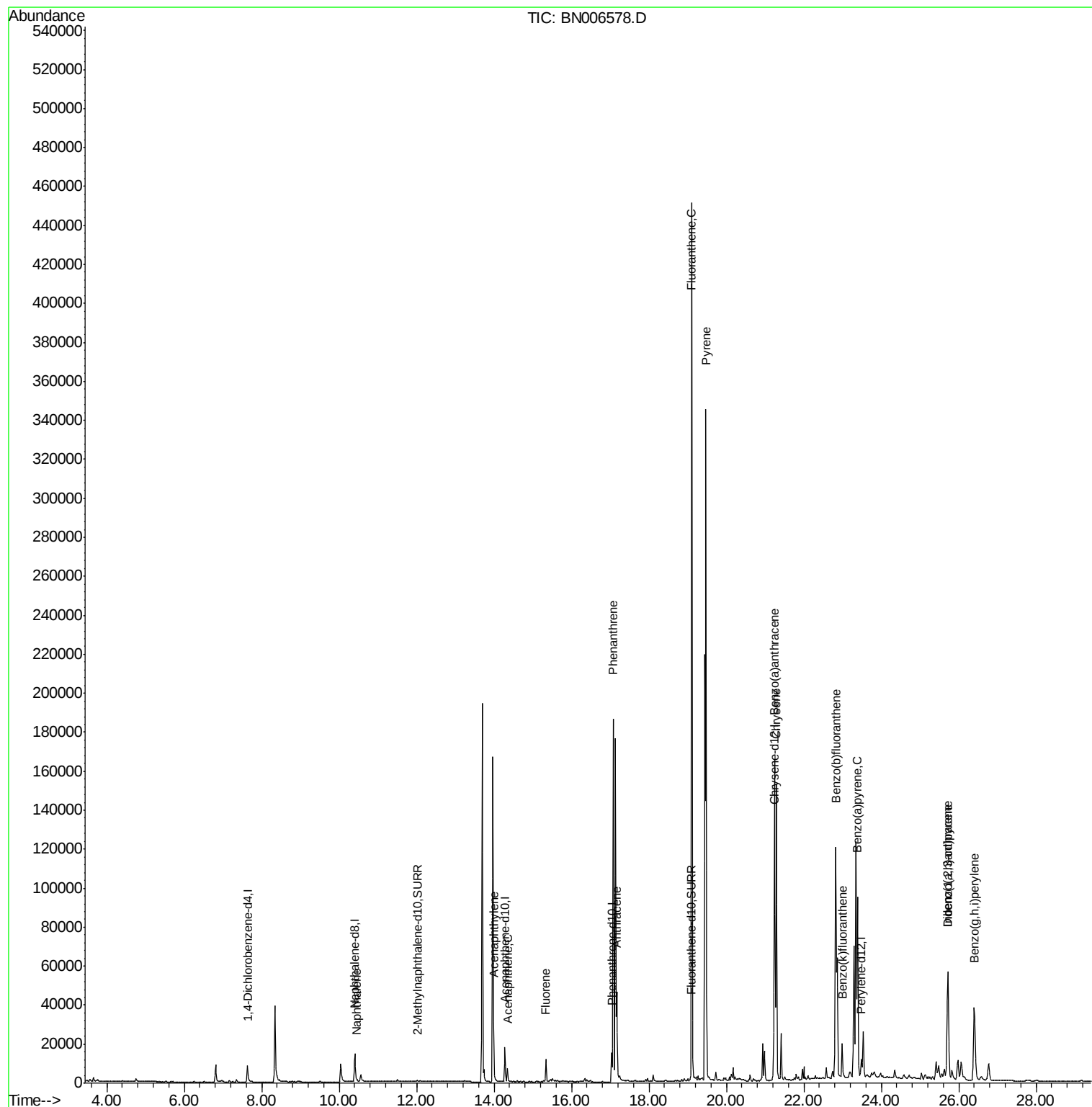
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	1114	0.020	ng/ul#	80
7) Acenaphthylene	14.00	152	2128	0.040	ng/ul#	90
8) Acenaphthene	14.34	153	4028	0.109	ng/ul	98
9) Fluorene	15.34	166	7400	0.171	ng/ul	99
12) Phenanthrene	17.08	178	198128	3.442	ng/ul	100
13) Anthracene	17.17	178	47840	0.870	ng/ul	99
15) Fluoranthene	19.11	202	377181	5.935	ng/ul	100
17) Pyrene	19.47	202	285060	5.338	ng/ul	100
18) Benzo(a)anthracene	21.24	228	141498	3.156	ng/ul	99
19) Chrysene	21.29	228	146362	3.477	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	252780	4.458	ng/ul	89
22) Benzo(k)fluoranthene	22.99	252	15508	0.281	ng/ul	95
23) Benzo(a)pyrene	23.38	252	122461	2.319	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.72	276	86350	1.510	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	21610	0.473	ng/ul	97
26) Benzo(g,h,i)perylene	26.40	276	75196	1.570	ng/ul	94

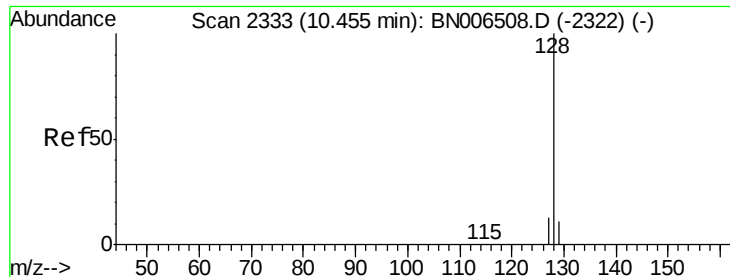
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006578.D
Acq On : 25 Jun 2019 19:43
Operator : HP/JU
Sample : K3388-08DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4219DL

Quant Time: Jun 26 00:51:27 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

Instrument :

BNA_N

ClientSampleId :

A4219DL

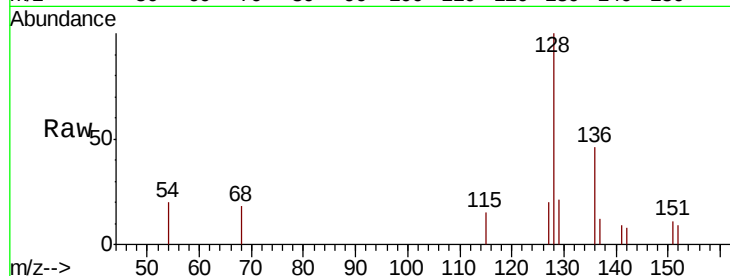
Tgt Ion:128 Resp: 1114

Ion Ratio Lower Upper

128 100

129 21.0 9.3 13.9#

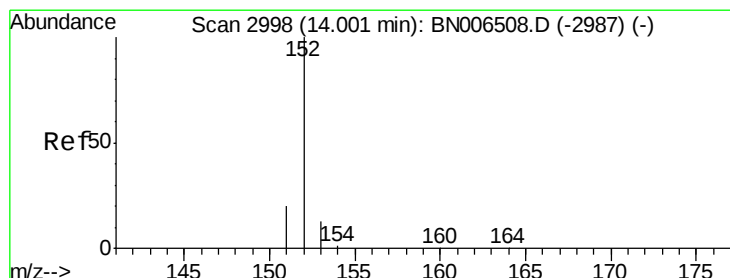
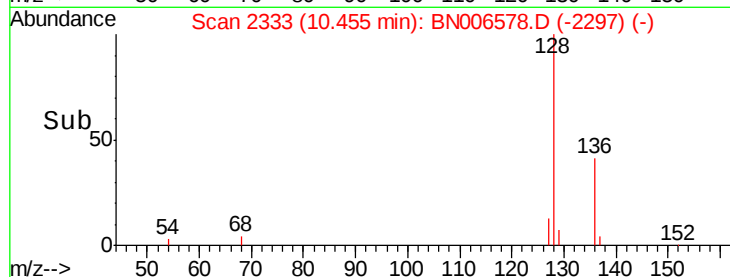
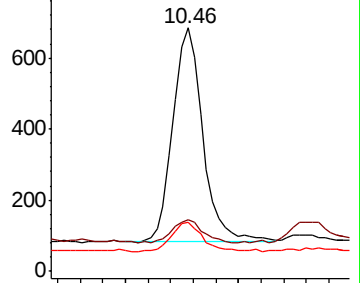
127 19.9 10.7 16.1#



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



#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

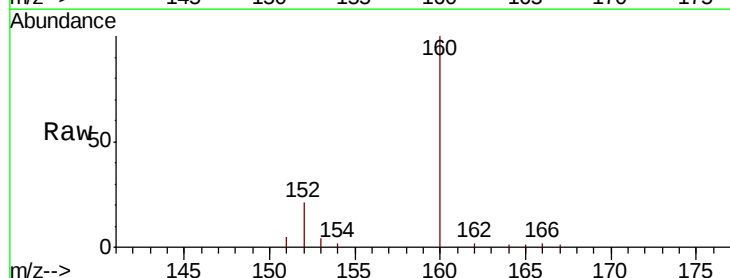
Tgt Ion:152 Resp: 2128

Ion Ratio Lower Upper

152 100

151 24.2 15.8 23.8#

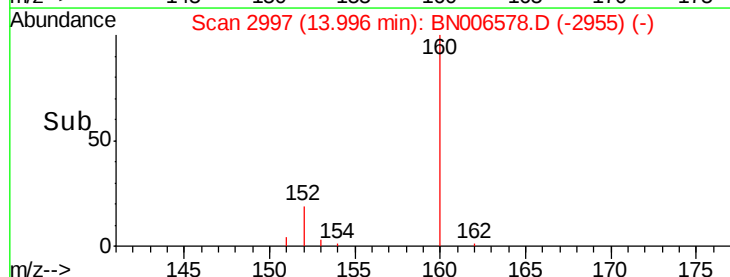
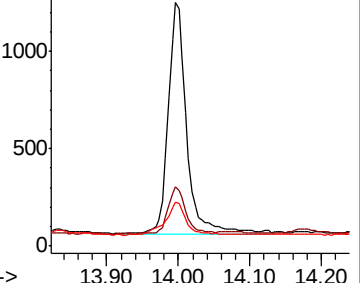
153 17.8 10.8 16.2#

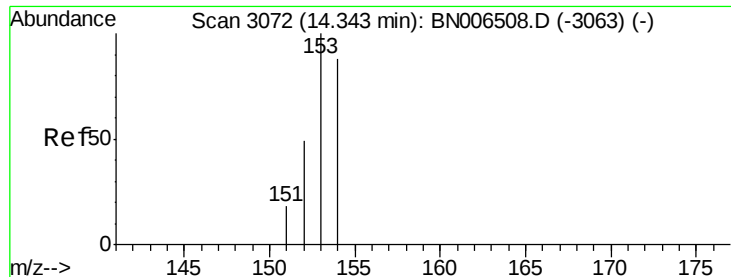


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.109 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

Instrument :

BNA_N

ClientSampleId :

A4219DL

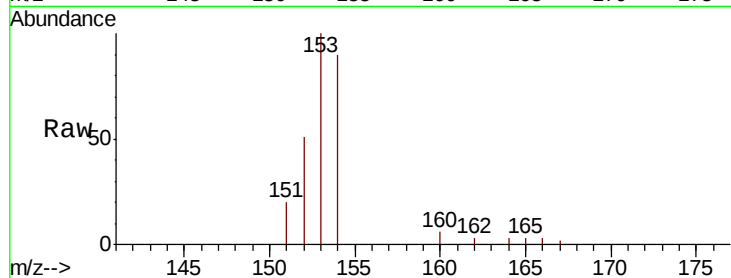
Tgt Ion:153 Resp: 4028

Ion Ratio Lower Upper

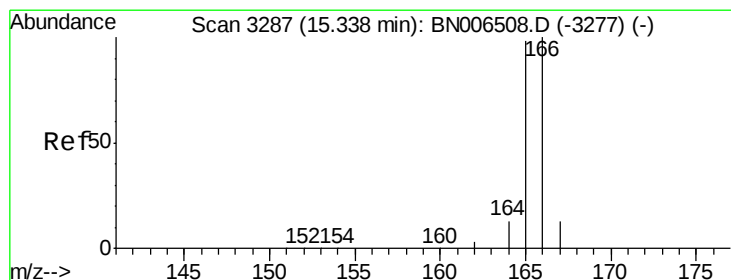
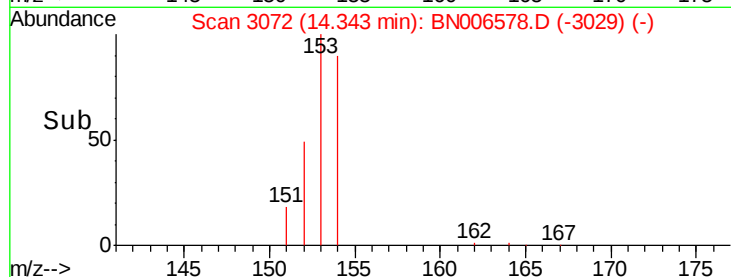
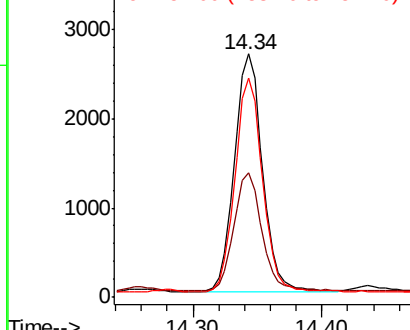
153 100

152 51.0 39.1 58.7

154 89.9 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: 0.171 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

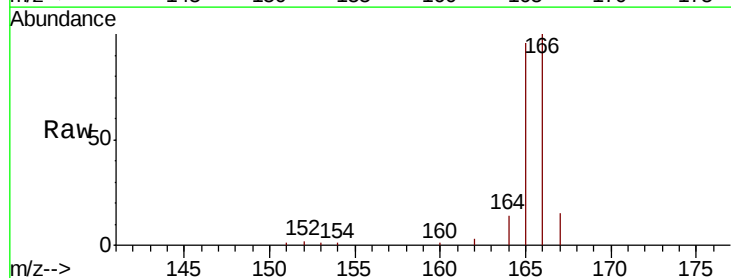
Tgt Ion:166 Resp: 7400

Ion Ratio Lower Upper

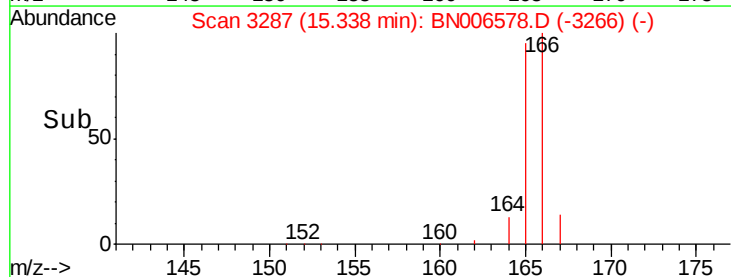
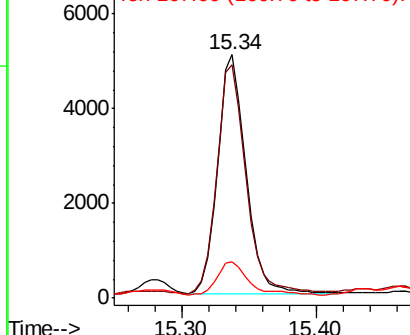
166 100

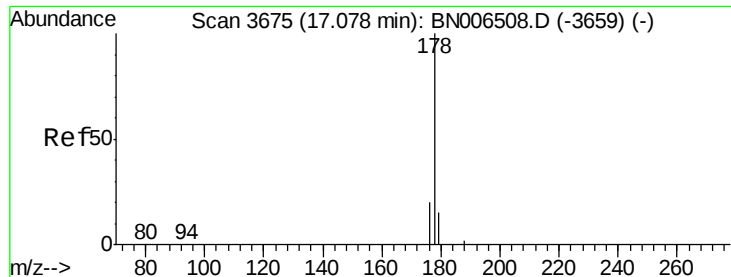
165 95.8 76.4 114.6

167 15.0 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: 3.442 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

Instrument :

BNA_N

ClientSampleId :

A4219DL

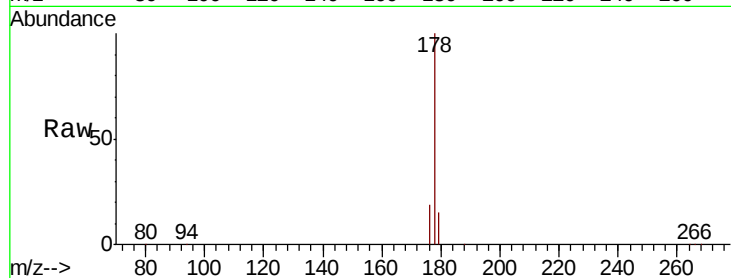
Tgt Ion:178 Resp: 198128

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

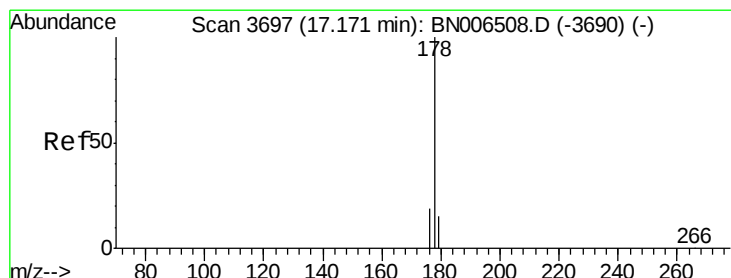
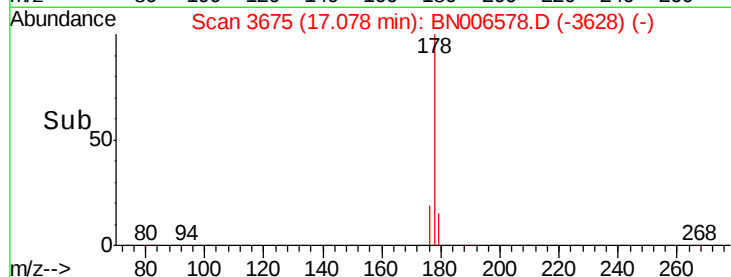
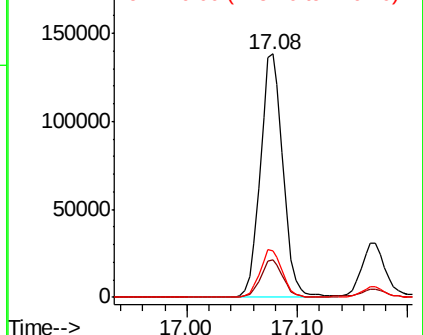
176 19.3 15.3 22.9



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: 0.870 ng/ul

RT: 17.17 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

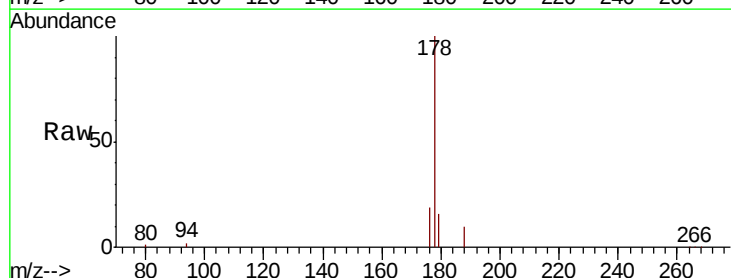
Tgt Ion:178 Resp: 47840

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

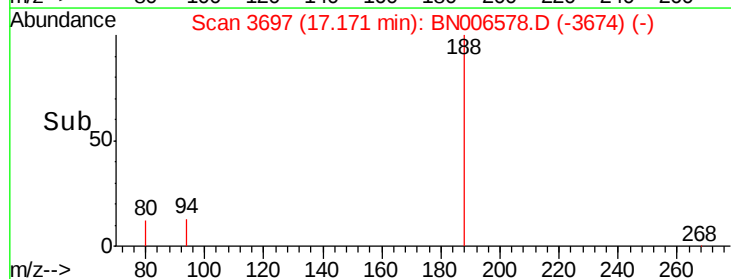
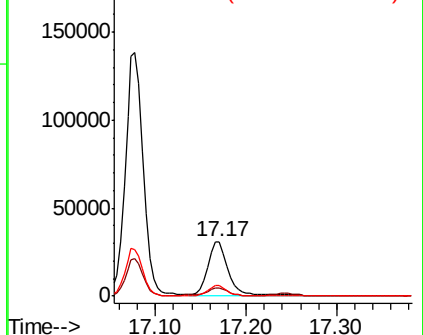
176 18.8 15.1 22.7

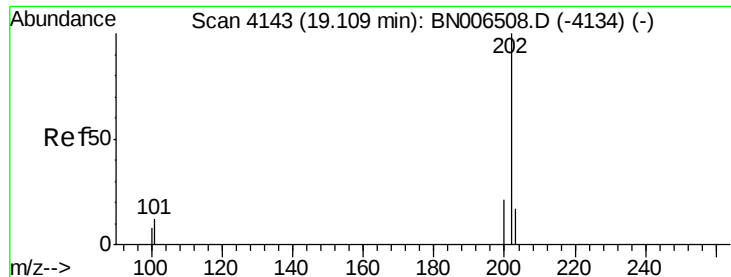


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 5.935 ng/ul

RT: 19.11 min Scan# 4143

Delta R.T. -0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

Instrument :

BNA_N

ClientSampleId :

A4219DL

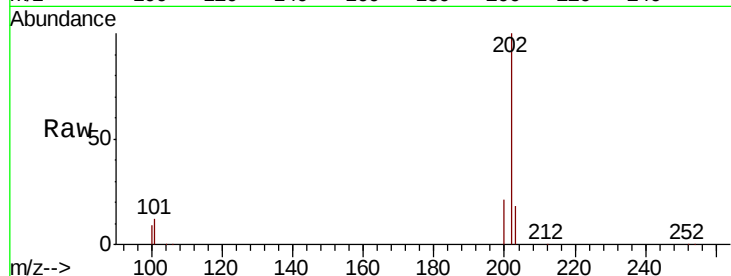
Tgt Ion:202 Resp: 377181

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.1

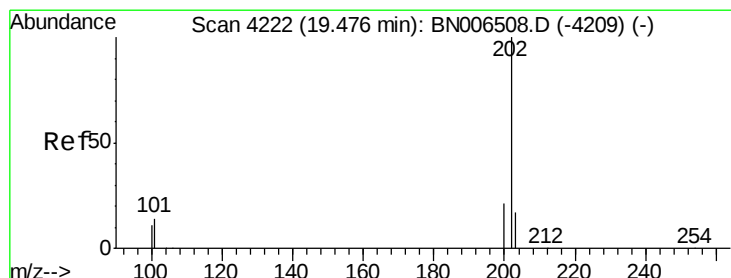
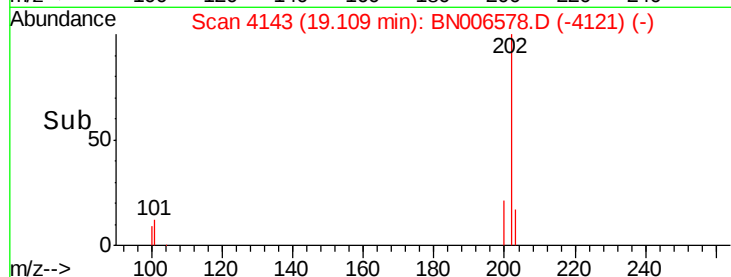
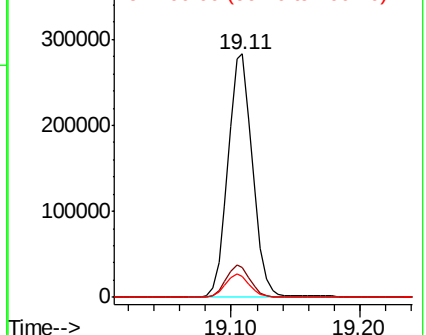
100 8.6 0.0 28.7



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: 5.338 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

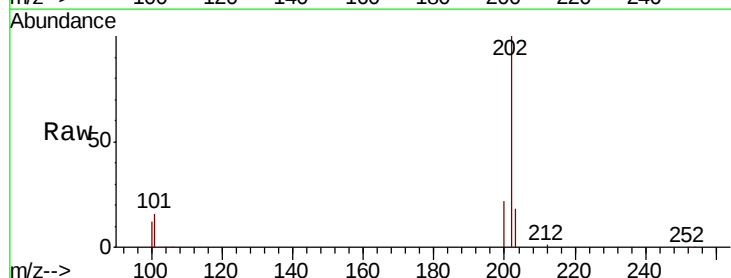
Tgt Ion:202 Resp: 285060

Ion Ratio Lower Upper

202 100

101 15.5 12.2 18.2

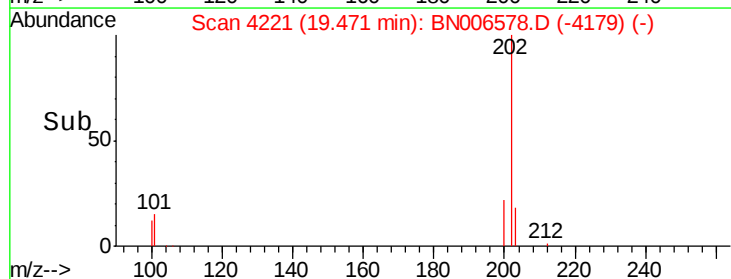
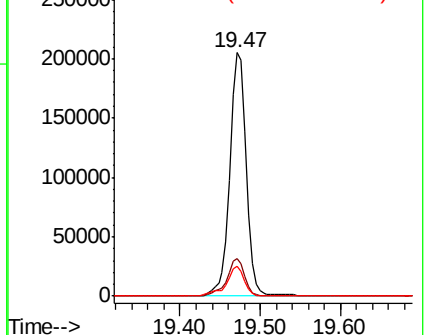
100 12.2 9.8 14.6

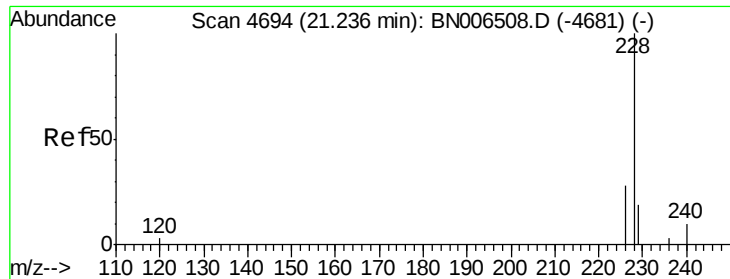


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 3.156 ng/ul

RT: 21.24 min Scan# 4695

Delta R.T. 0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

Instrument :

BNA_N

ClientSampleId :

A4219DL

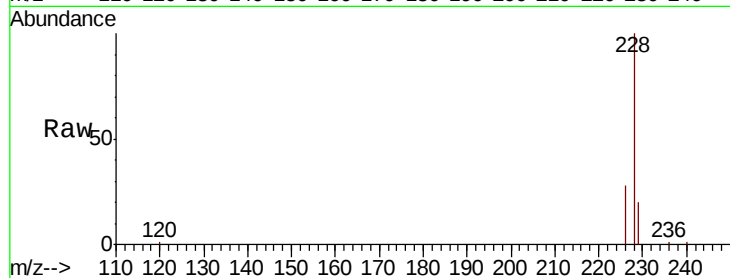
Tgt Ion:228 Resp: 141498

Ion Ratio Lower Upper

228 100

229 20.3 16.5 24.7

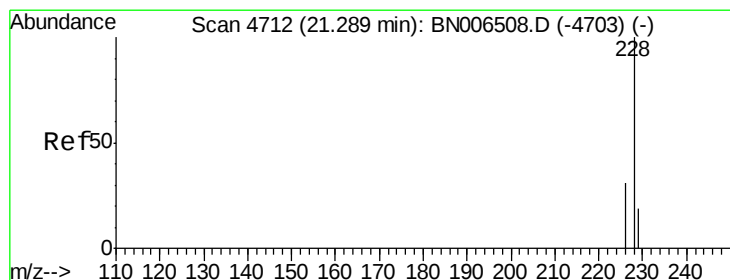
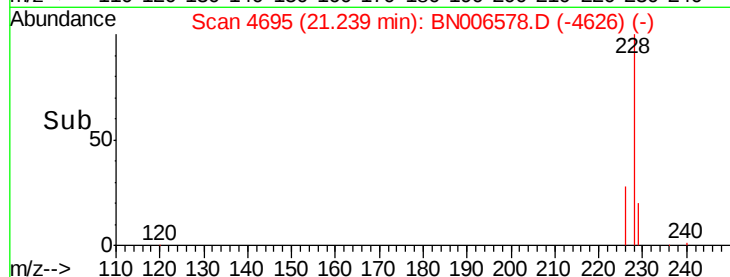
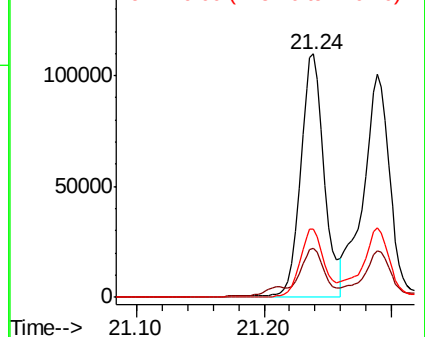
226 28.2 22.8 34.2



Abundance Ion 228.00 (227.70 to 228.70): E

150000 Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 3.477 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. -0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

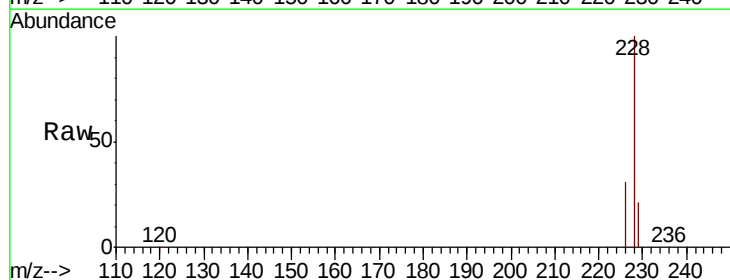
Tgt Ion:228 Resp: 146362

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

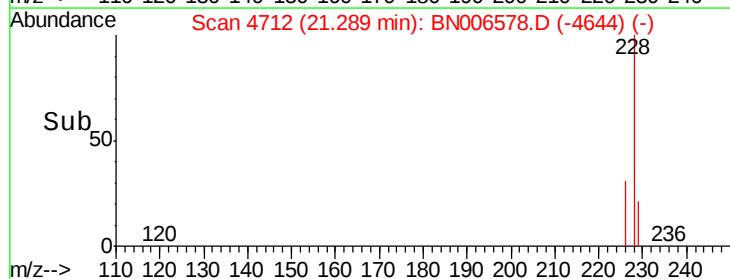
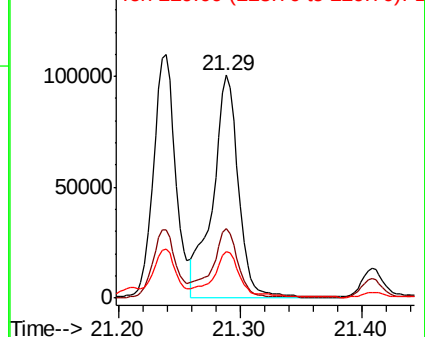
229 20.9 16.3 24.5

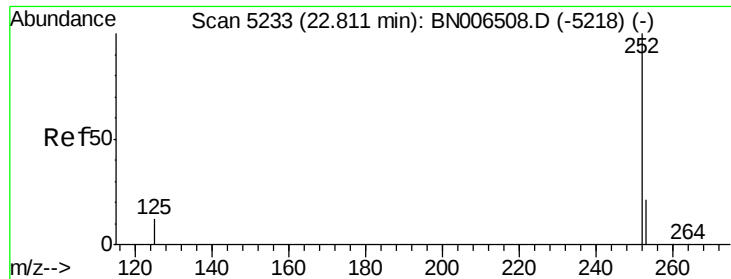


Abundance Ion 228.00 (227.70 to 228.70): E

150000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 4.458 ng/ul

RT: 22.82 min Scan# 5236

Delta R.T. 0.01 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

Instrument :

BNA_N

ClientSampleId :

A4219DL

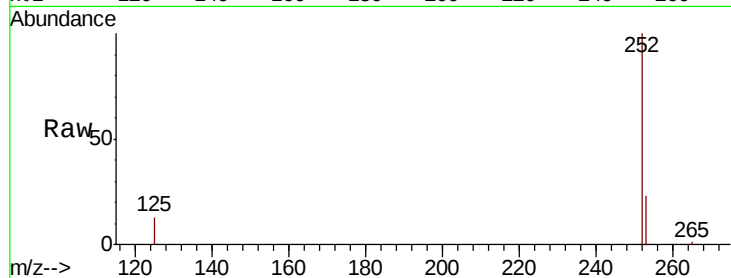
Tgt Ion:252 Resp: 252780

Ion Ratio Lower Upper

252 100

253 22.7 0.0 51.4

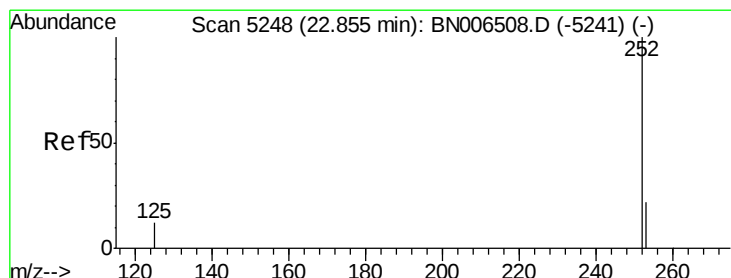
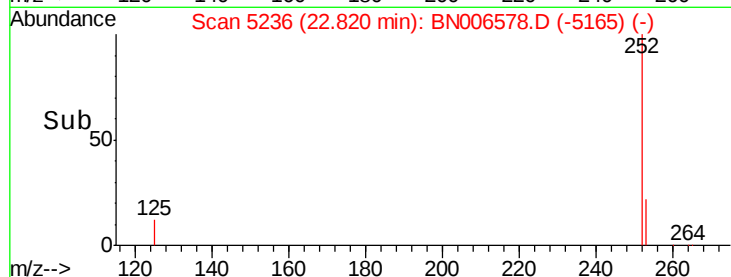
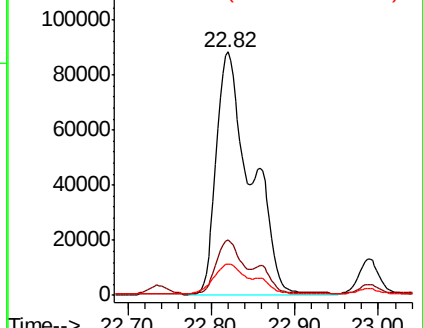
125 12.9 0.0 41.0



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: 0.281 ng/ul

RT: 22.99 min Scan# 5293

Delta R.T. 0.13 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

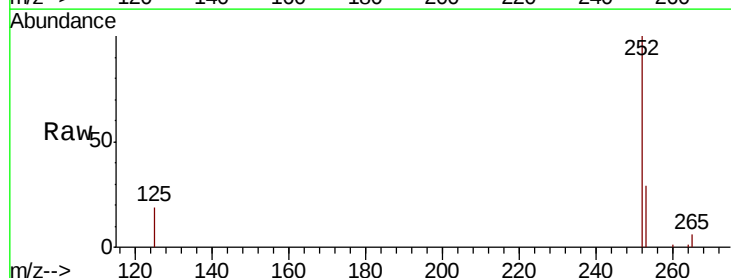
Tgt Ion:252 Resp: 15508

Ion Ratio Lower Upper

252 100

253 29.2 20.3 30.5

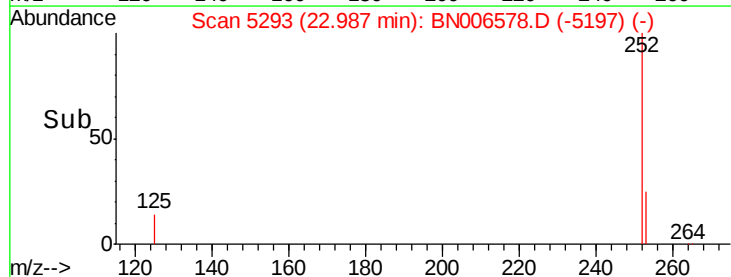
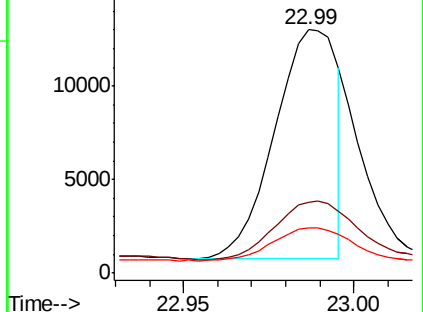
125 18.6 14.3 21.5

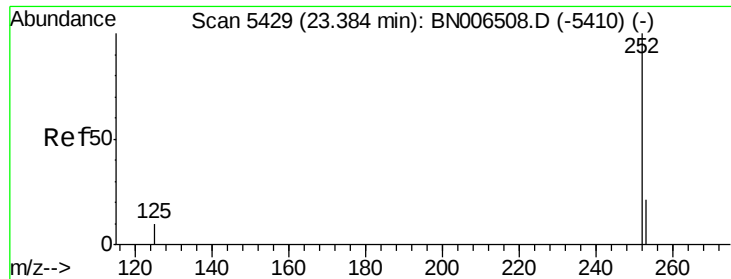


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.319 ng/ul

RT: 23.38 min Scan# 5429

Delta R.T. 0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

Instrument :

BNA_N

ClientSampleId :

A4219DL

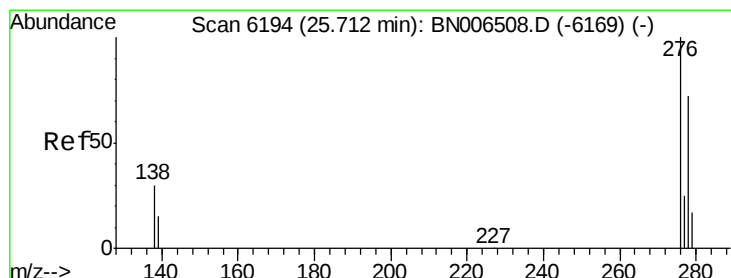
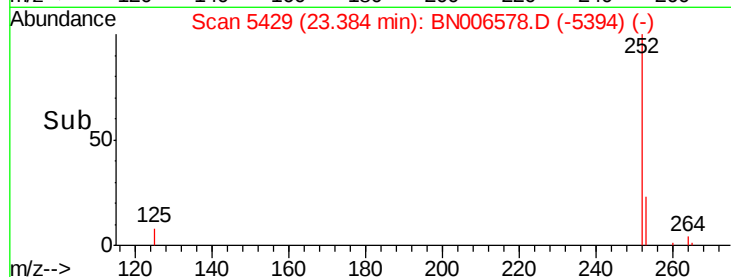
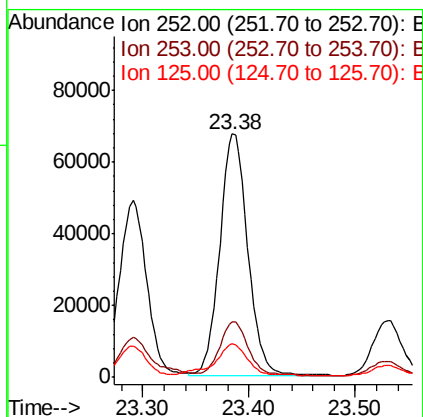
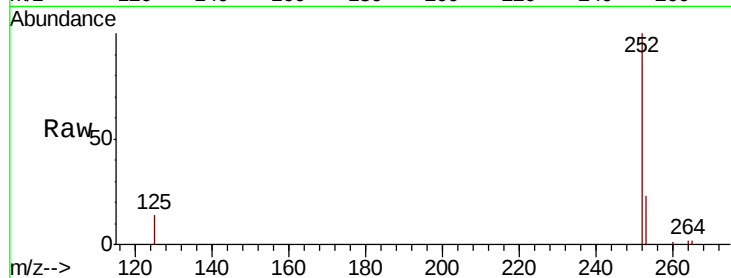
Tgt Ion: 252 Resp: 122461

Ion Ratio Lower Upper

252 100

253 22.8 21.1 31.7

125 13.8 20.3 30.5#



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.510 ng/ul

RT: 25.72 min Scan# 6196

Delta R.T. 0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

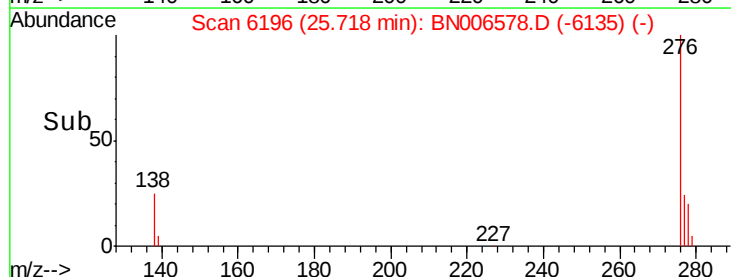
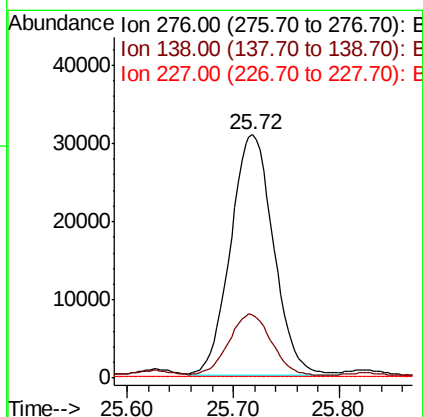
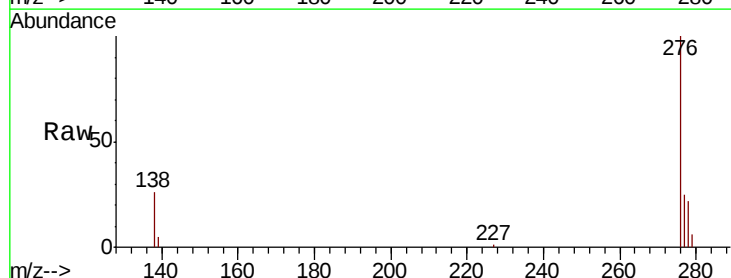
Tgt Ion: 276 Resp: 86350

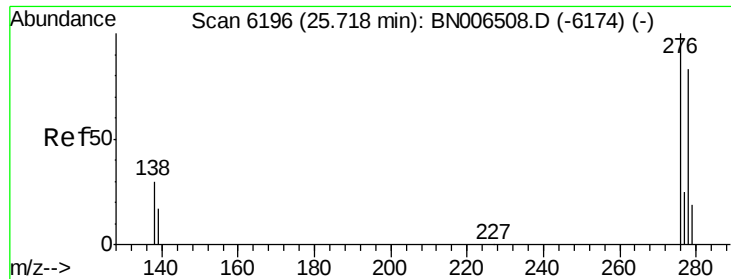
Ion Ratio Lower Upper

276 100

138 25.6 25.6 38.4#

227 0.2 0.3 0.5#





#25

Dibenzo(a,h)anthracene

Concen: 0.473 ng/ul

RT: 25.72 min Scan# 6196

Delta R.T. 0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

Instrument :

BNA_N

ClientSampleId :

A4219DL

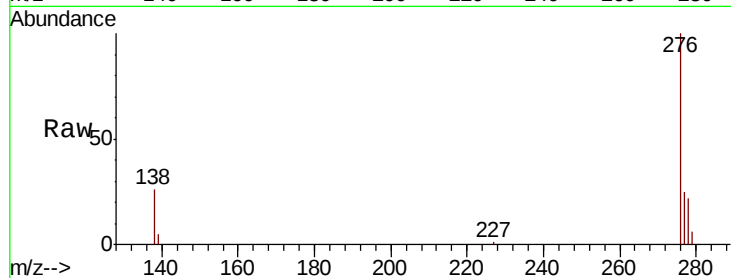
Tgt Ion:278 Resp: 21610

Ion Ratio Lower Upper

278 100

139 24.5 21.2 31.8

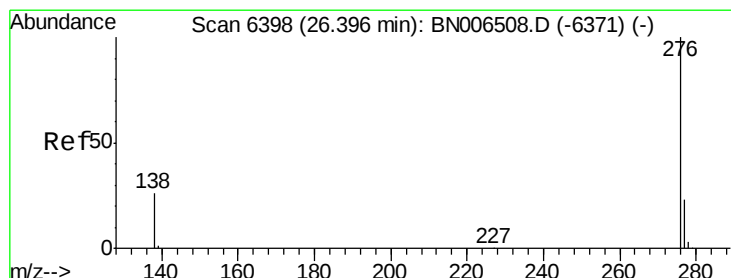
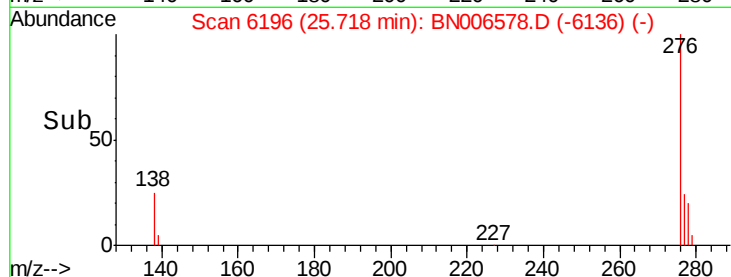
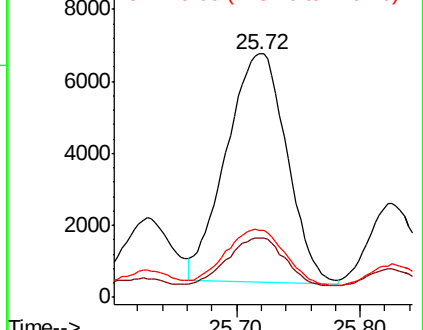
279 27.3 22.6 33.8



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: 1.570 ng/ul

RT: 26.40 min Scan# 6399

Delta R.T. 0.00 min

Lab File: BN006578.D

Acq: 25 Jun 2019 19:43

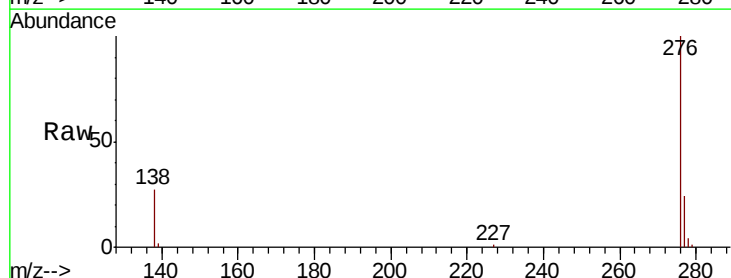
Tgt Ion:276 Resp: 75196

Ion Ratio Lower Upper

276 100

138 27.0 24.2 36.4

277 24.2 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

