

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4214DL

Quant Time: Jun 26 00:51:36 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

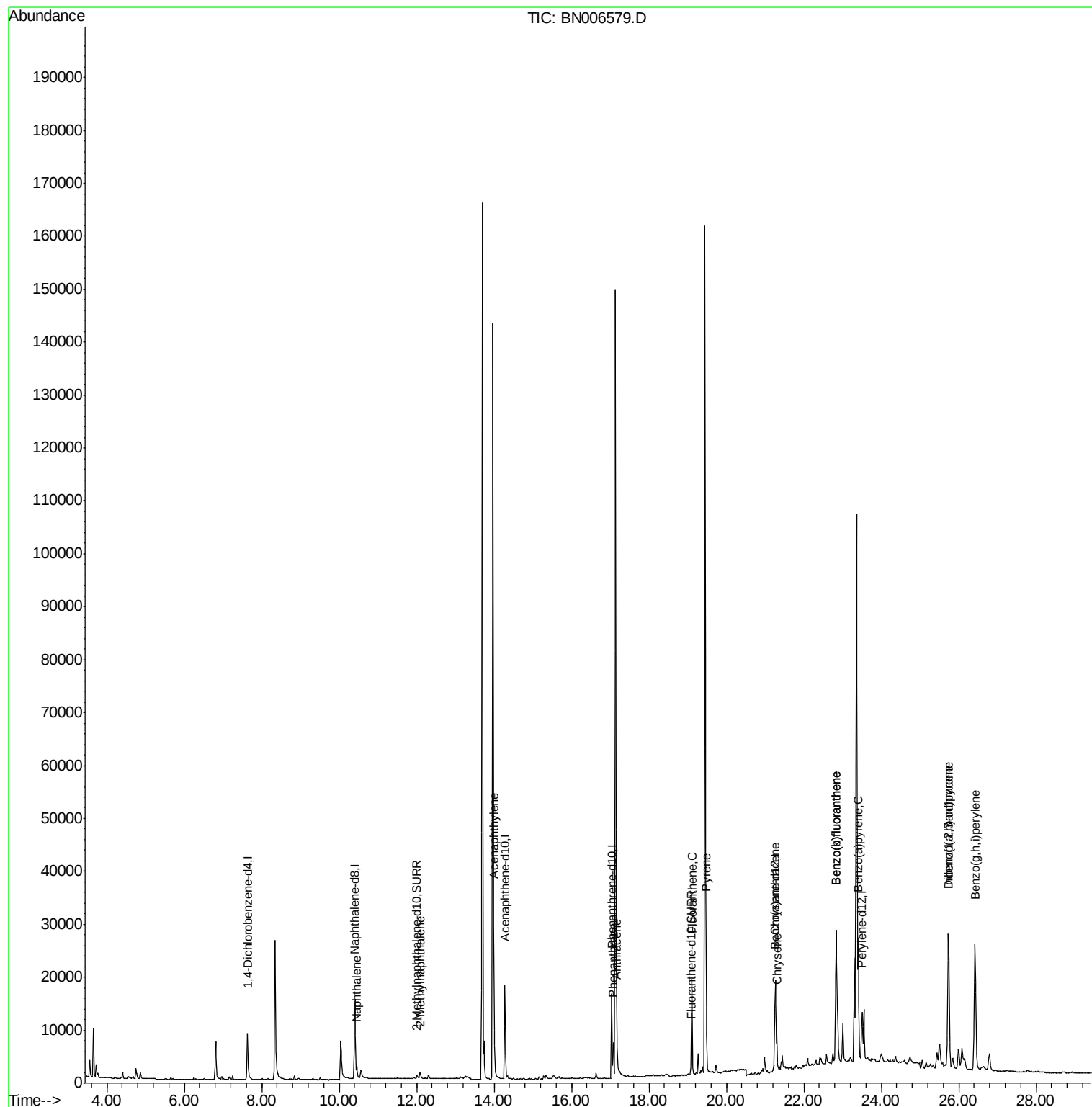
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	21088	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9982	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18209	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10597	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	13627	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1127	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1752	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	2741	0.047	ng/ul#	91
5) 2-Methylnaphthalene	12.08	142	1281	0.032	ng/ul	100
7) Acenaphthylene	14.00	152	11195	0.202	ng/ul	98
12) Phenanthrene	17.08	178	7200	0.123	ng/ul	95
13) Anthracene	17.17	178	4528	0.081	ng/ul#	92
15) Fluoranthene	19.11	202	16243	0.252	ng/ul	95
17) Pyrene	19.48	202	17784	0.319	ng/ul	100
18) Benzo(a)anthracene	21.24	228	8109	0.173	ng/ul#	80
19) Chrysene	21.30	228	6817	0.155	ng/ul#	84
21) Benzo(b)fluoranthene	22.83	252	50699	0.892	ng/ul	96
22) Benzo(k)fluoranthene	22.83	252	50699	0.916	ng/ul	98
23) Benzo(a)pyrene	23.40	252	29861	0.564	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.73	276	41835	0.730	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	8265	0.180	ng/ul#	82
26) Benzo(g,h,i)perylene	26.42	276	45838	0.955	ng/ul	96

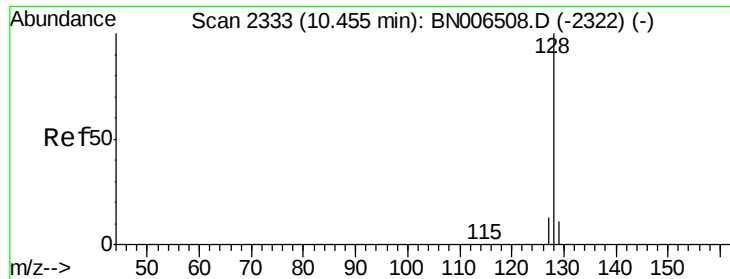
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006579.D
Acq On : 25 Jun 2019 20:18
Operator : HP/JU
Sample : K3388-01DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4214DL

Quant Time: Jun 26 00:51:36 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: 0.047 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

ClientSampleId :

A4214DL

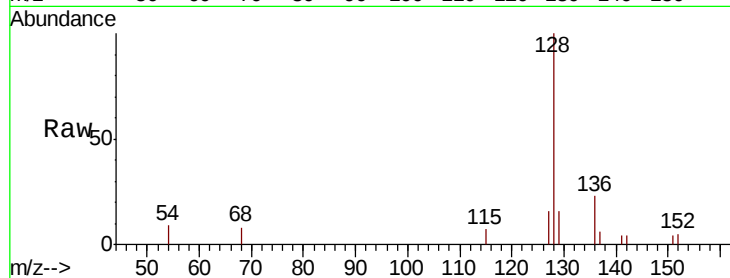
Tgt Ion:128 Resp: 2741

Ion Ratio Lower Upper

128 100

129 15.8 9.3 13.9#

127 16.0 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

10.46

1500

1000

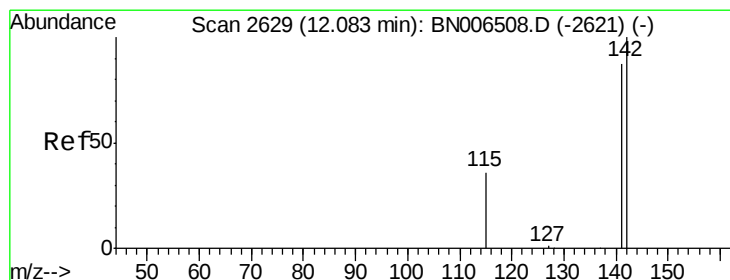
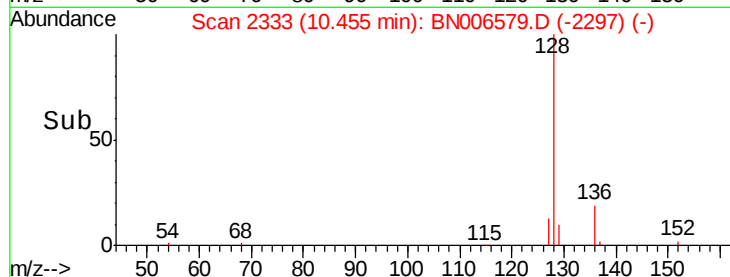
500

0

Time-->

10.40

10.50



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. 0.00 min

Lab File: BN006579.D

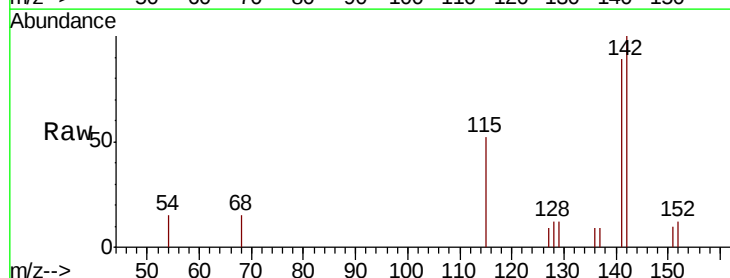
Acq: 25 Jun 2019 20:18

Tgt Ion:142 Resp: 1281

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.08

600

400

200

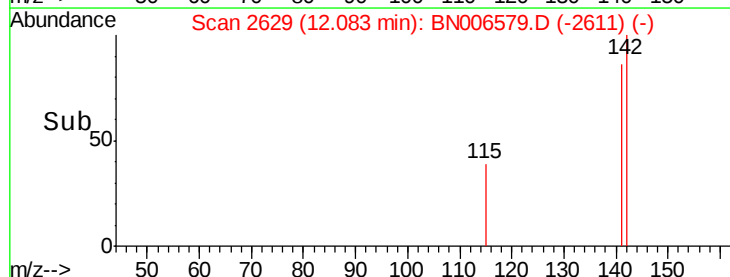
0

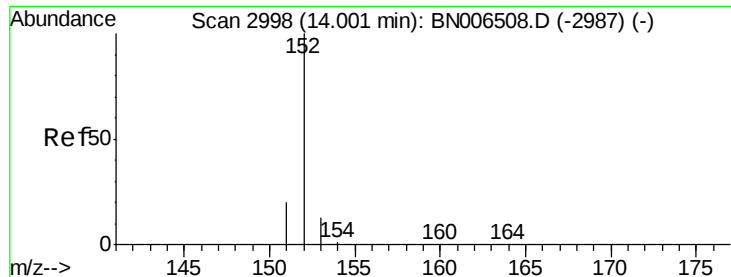
Time-->

12.00

12.10

12.20





#7

Acenaphthylene

Concen: 0.202 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

ClientSampleId :

A4214DL

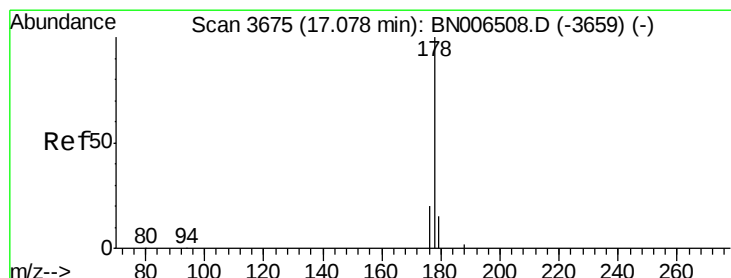
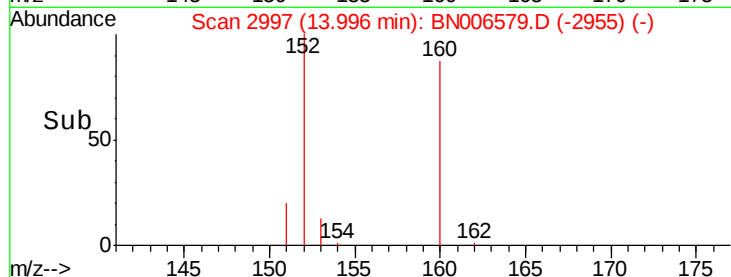
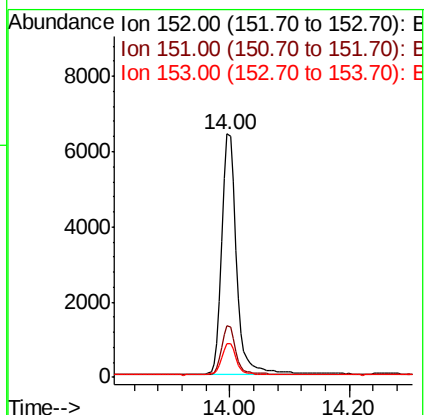
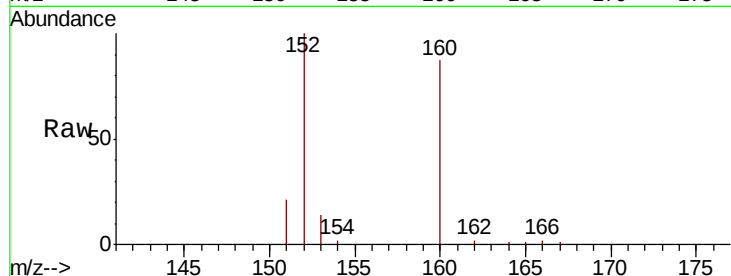
Tgt Ion:152 Resp: 11195

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

153 14.0 10.8 16.2



#12

Phenanthrene

Concen: 0.123 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

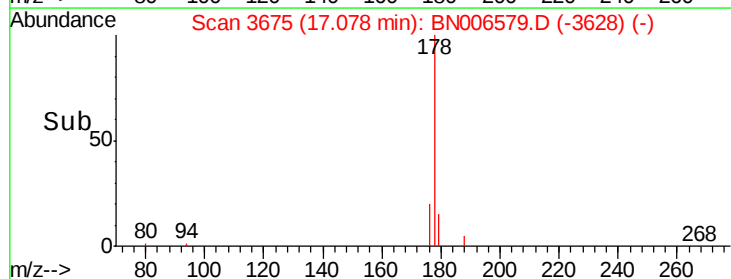
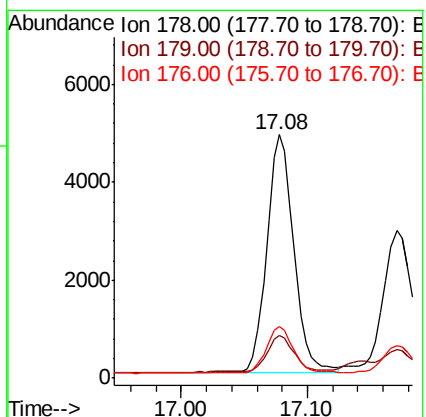
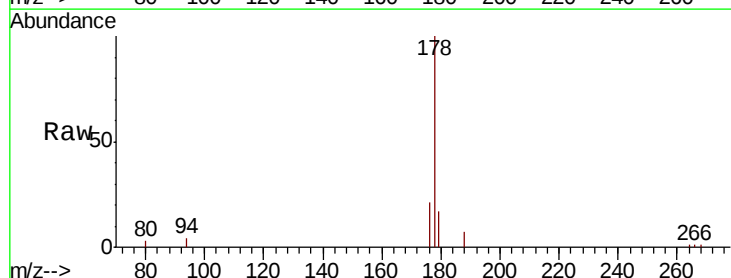
Tgt Ion:178 Resp: 7200

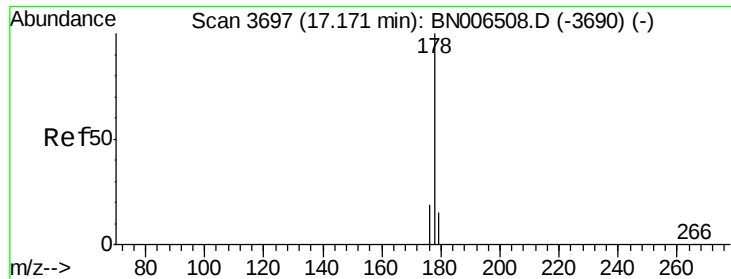
Ion Ratio Lower Upper

178 100

179 17.4 12.3 18.5

176 21.3 15.3 22.9





#13

Anthracene

Concen: 0.081 ng/ul

RT: 17.17 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

ClientSampleId :

A4214DL

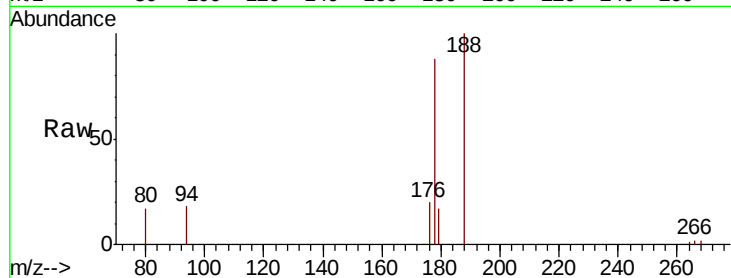
Tgt Ion:178 Resp: 4528

Ion Ratio Lower Upper

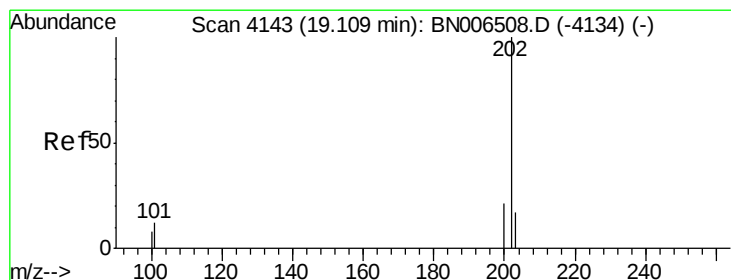
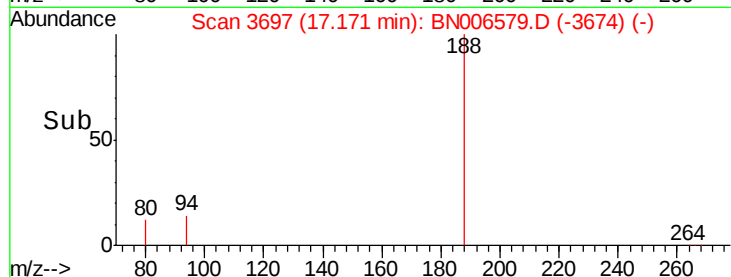
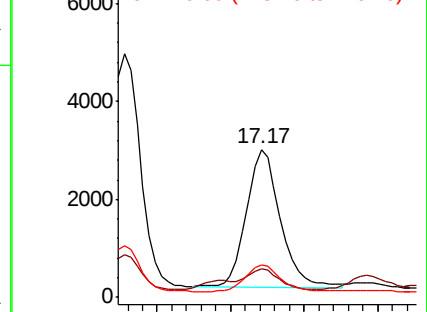
178 100

179 19.2 12.2 18.4#

176 22.1 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: 0.252 ng/ul

RT: 19.11 min Scan# 4143

Delta R.T. 0.00 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

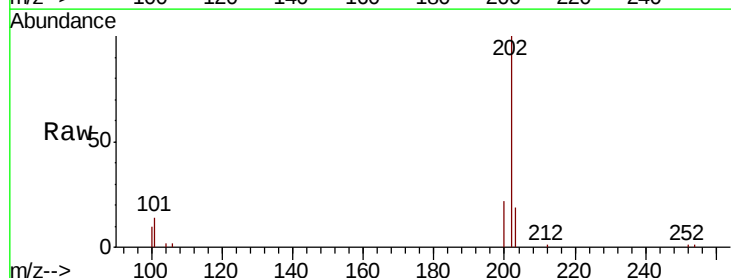
Tgt Ion:202 Resp: 16243

Ion Ratio Lower Upper

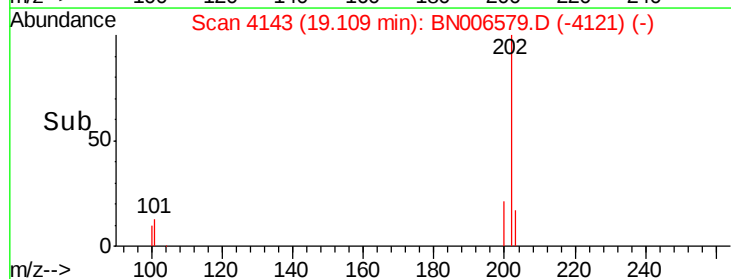
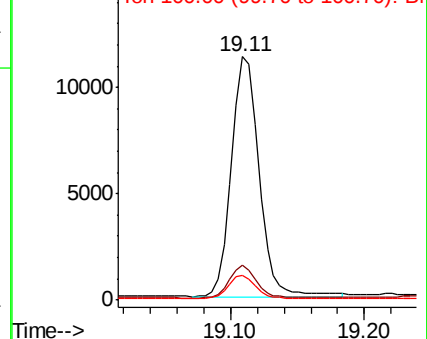
202 100

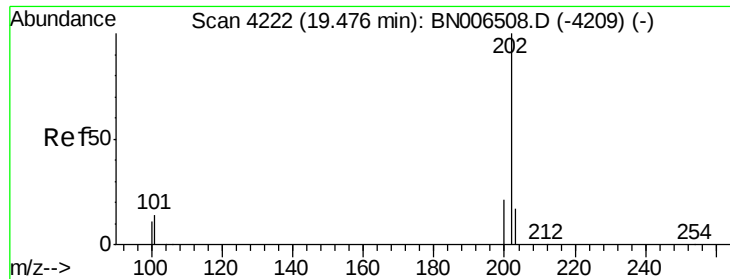
101 14.2 0.0 32.1

100 10.2 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

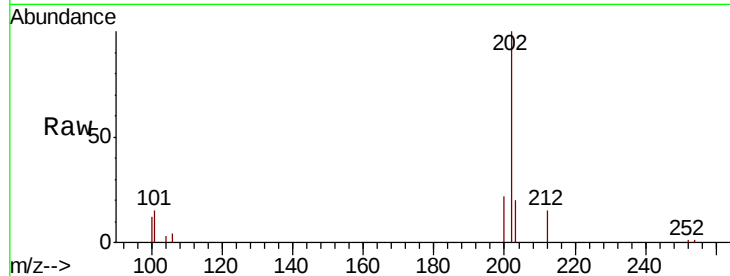




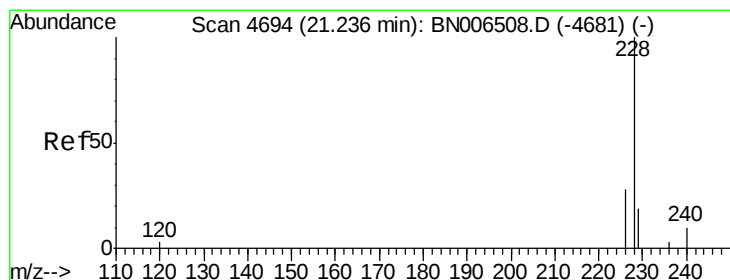
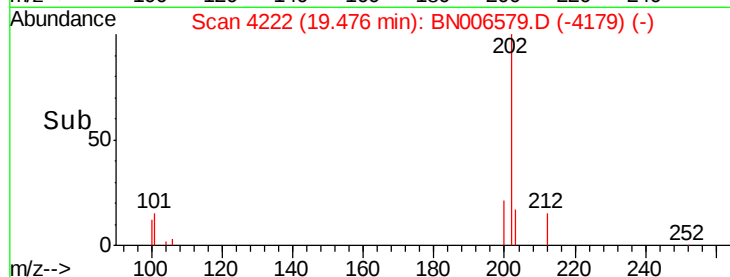
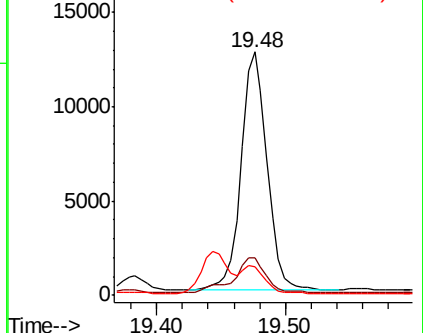
#17
 Pyrene
 Concen: 0.319 ng/ul
 RT: 19.48 min Scan# 4222
 Delta R.T. 0.00 min
 Lab File: BN006579.D
 Acq: 25 Jun 2019 20:18

Instrument :
 BNA_N
 ClientSampleId :
 A4214DL

Tgt Ion:202 Resp: 17784
 Ion Ratio Lower Upper
 202 100
 101 15.2 12.2 18.2
 100 11.9 9.8 14.6

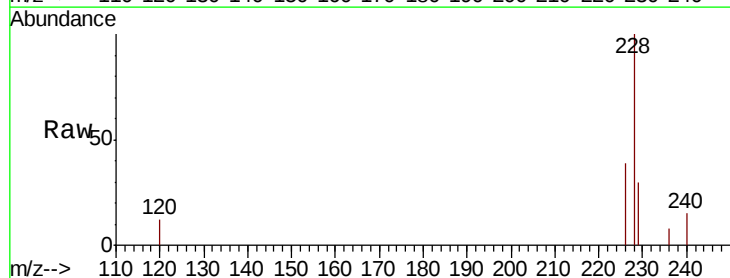


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

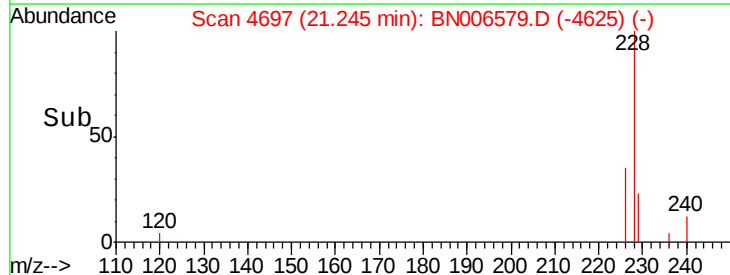
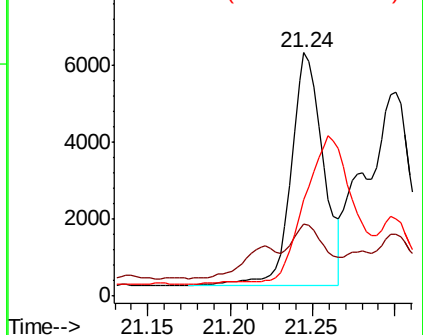


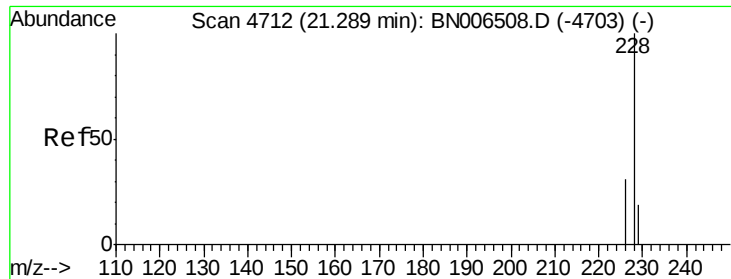
#18
 Benzo(a)anthracene
 Concen: 0.173 ng/ul
 RT: 21.24 min Scan# 4697
 Delta R.T. 0.01 min
 Lab File: BN006579.D
 Acq: 25 Jun 2019 20:18

Tgt Ion:228 Resp: 8109
 Ion Ratio Lower Upper
 228 100
 229 29.9 16.5 24.7#
 226 39.4 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: 0.155 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.01 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

ClientSampleId :

A4214DL

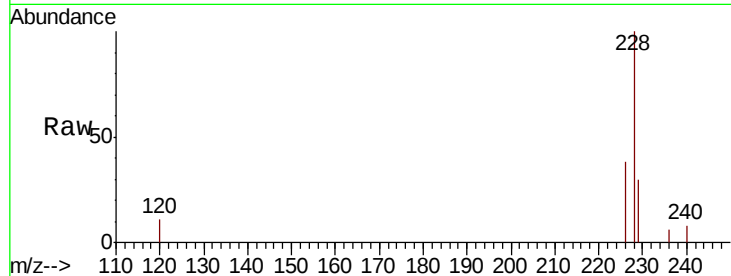
Tgt Ion:228 Resp: 6817

Ion Ratio Lower Upper

228 100

226 38.1 25.0 37.6#

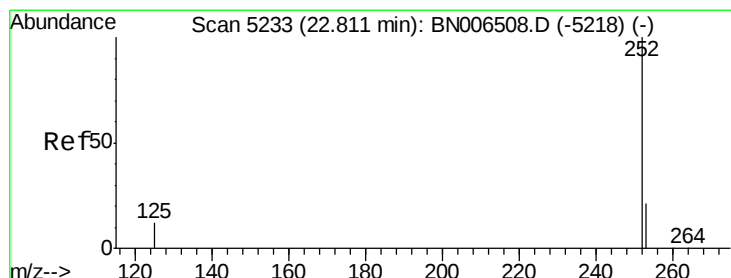
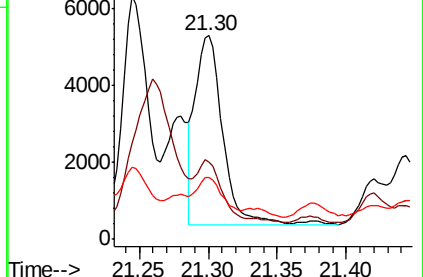
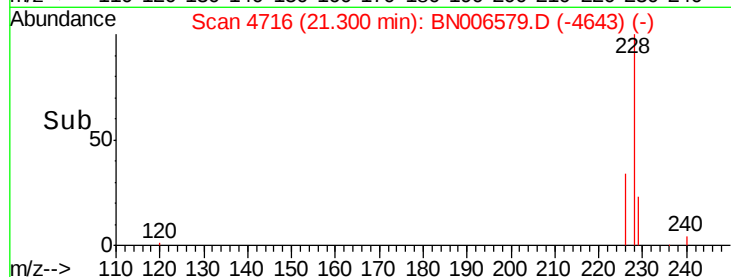
229 30.4 16.3 24.5#



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: 0.892 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. 0.02 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

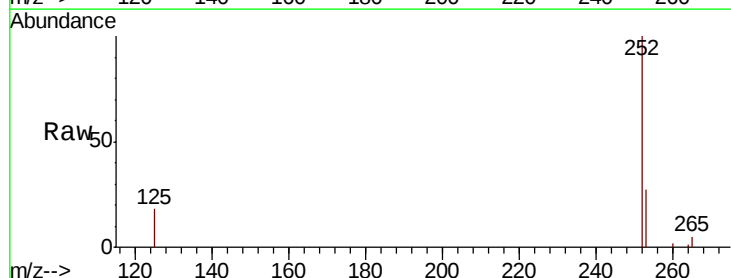
Tgt Ion:252 Resp: 50699

Ion Ratio Lower Upper

252 100

253 26.6 0.0 51.4

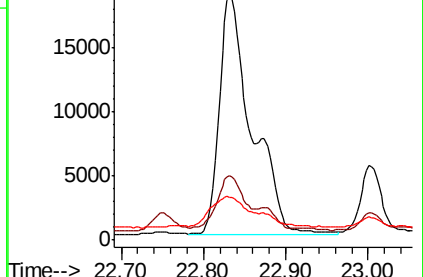
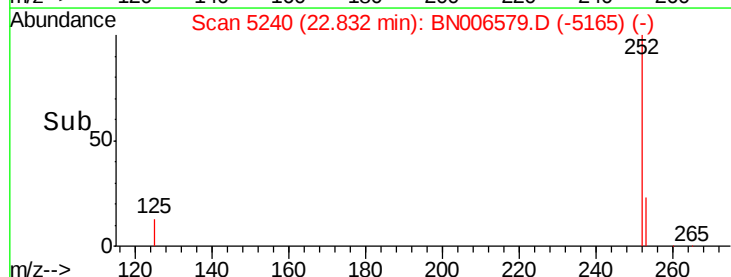
125 17.8 0.0 41.0

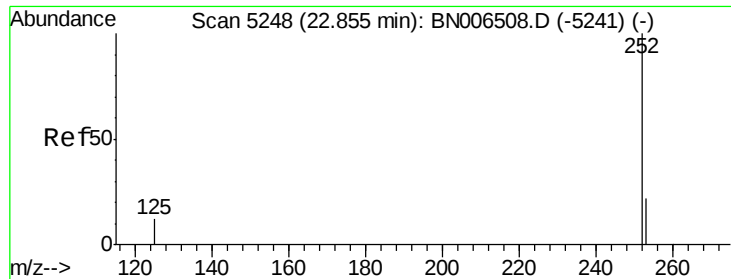


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.916 ng/u1

RT: 22.83 min Scan# 5240

Delta R.T. -0.02 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

ClientSampleId :

A4214DL

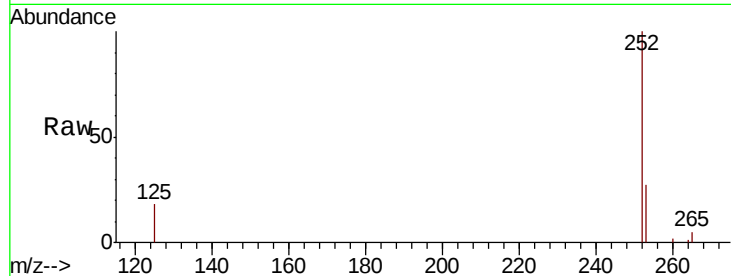
Tgt Ion:252 Resp: 50699

Ion Ratio Lower Upper

252 100

253 26.6 20.3 30.5

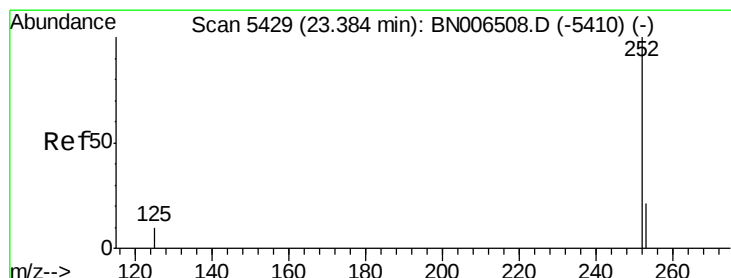
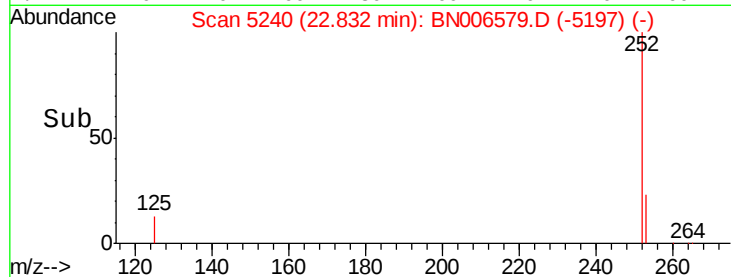
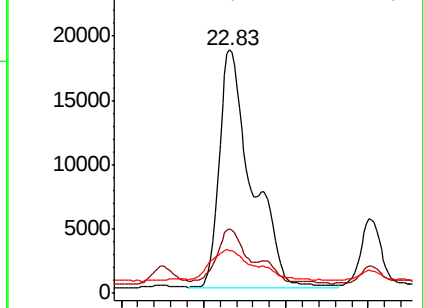
125 17.8 14.3 21.5



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: 0.564 ng/u1

RT: 23.40 min Scan# 5435

Delta R.T. 0.02 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

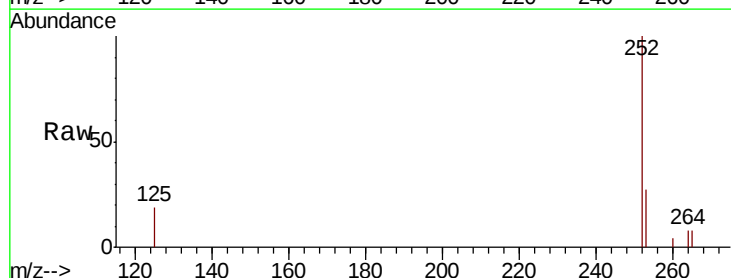
Tgt Ion:252 Resp: 29861

Ion Ratio Lower Upper

252 100

253 26.6 21.1 31.7

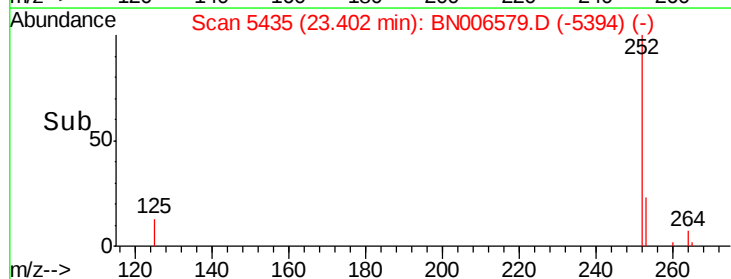
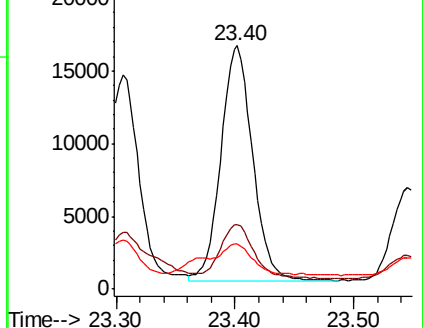
125 18.7 20.3 30.5#

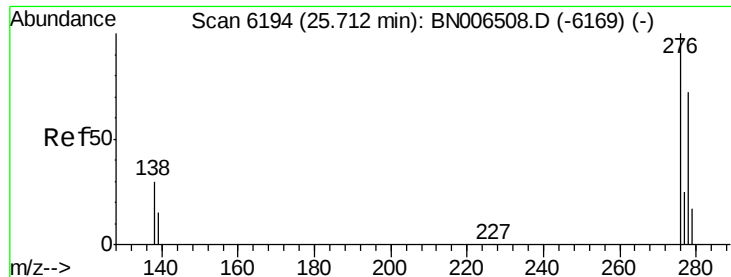


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.730 ng/u1

RT: 25.73 min Scan# 6200

Delta R.T. 0.02 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

ClientSampleId :

A4214DL

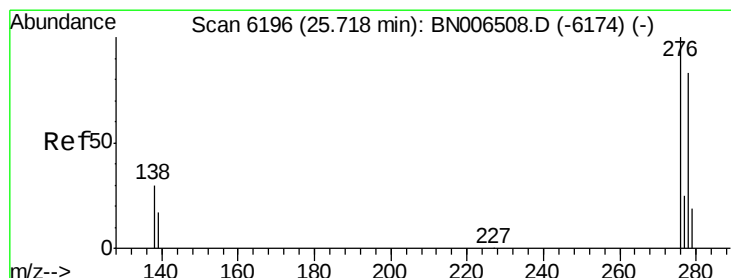
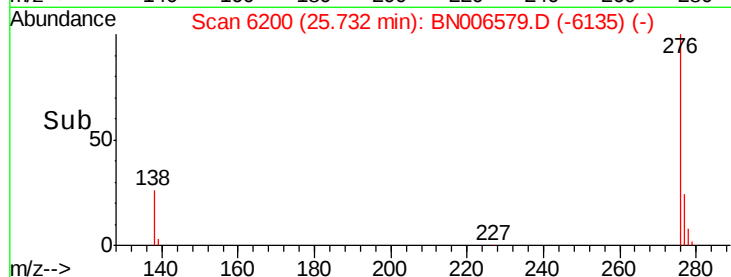
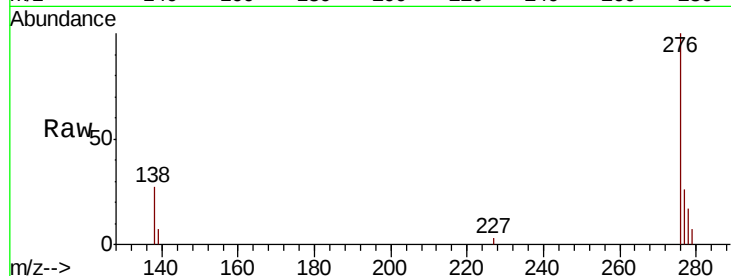
Tgt Ion:276 Resp: 41835

Ion Ratio Lower Upper

276 100

138 24.6 25.6 38.4#

227 0.1 0.3 0.5#



#25

Dibenzo(a,h)anthracene

Concen: 0.180 ng/u1

RT: 25.74 min Scan# 6201

Delta R.T. 0.02 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

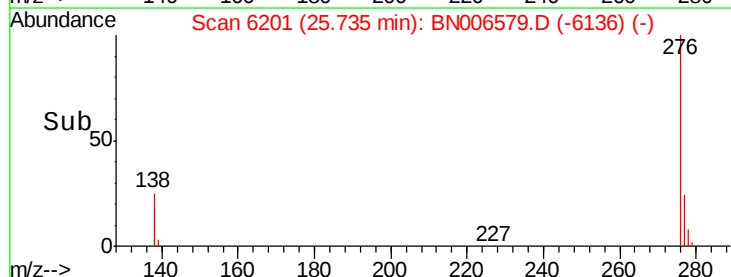
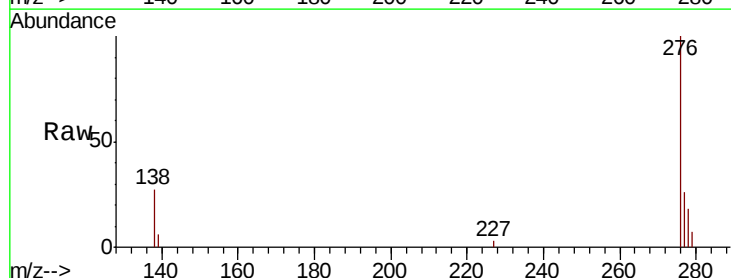
Tgt Ion:278 Resp: 8265

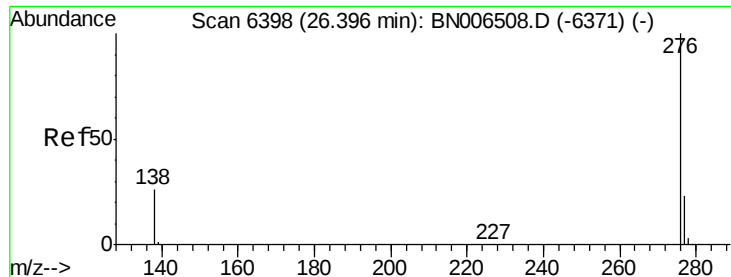
Ion Ratio Lower Upper

278 100

139 35.7 21.2 31.8#

279 37.8 22.6 33.8#





#26

Benzo(g,h,i)perylene

Concen: 0.955 ng/ul

RT: 26.42 min Scan# 6406

Delta R.T. 0.03 min

Lab File: BN006579.D

Acq: 25 Jun 2019 20:18

Instrument :

BNA_N

ClientSampleId :

A4214DL

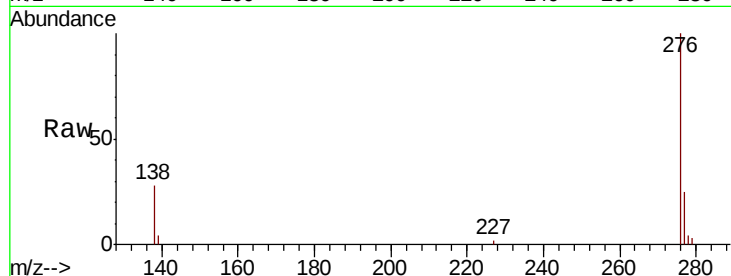
Tgt Ion: 276 Resp: 45838

Ion Ratio Lower Upper

276 100

138 27.8 24.2 36.4

277 24.9 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

