

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
 Data File : BM025909.D
 Acq On : 03 Apr 2020 13:15
 Operator : CG/JU
 Sample : L2065-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBEW4

Quant Time: Apr 03 13:49:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration

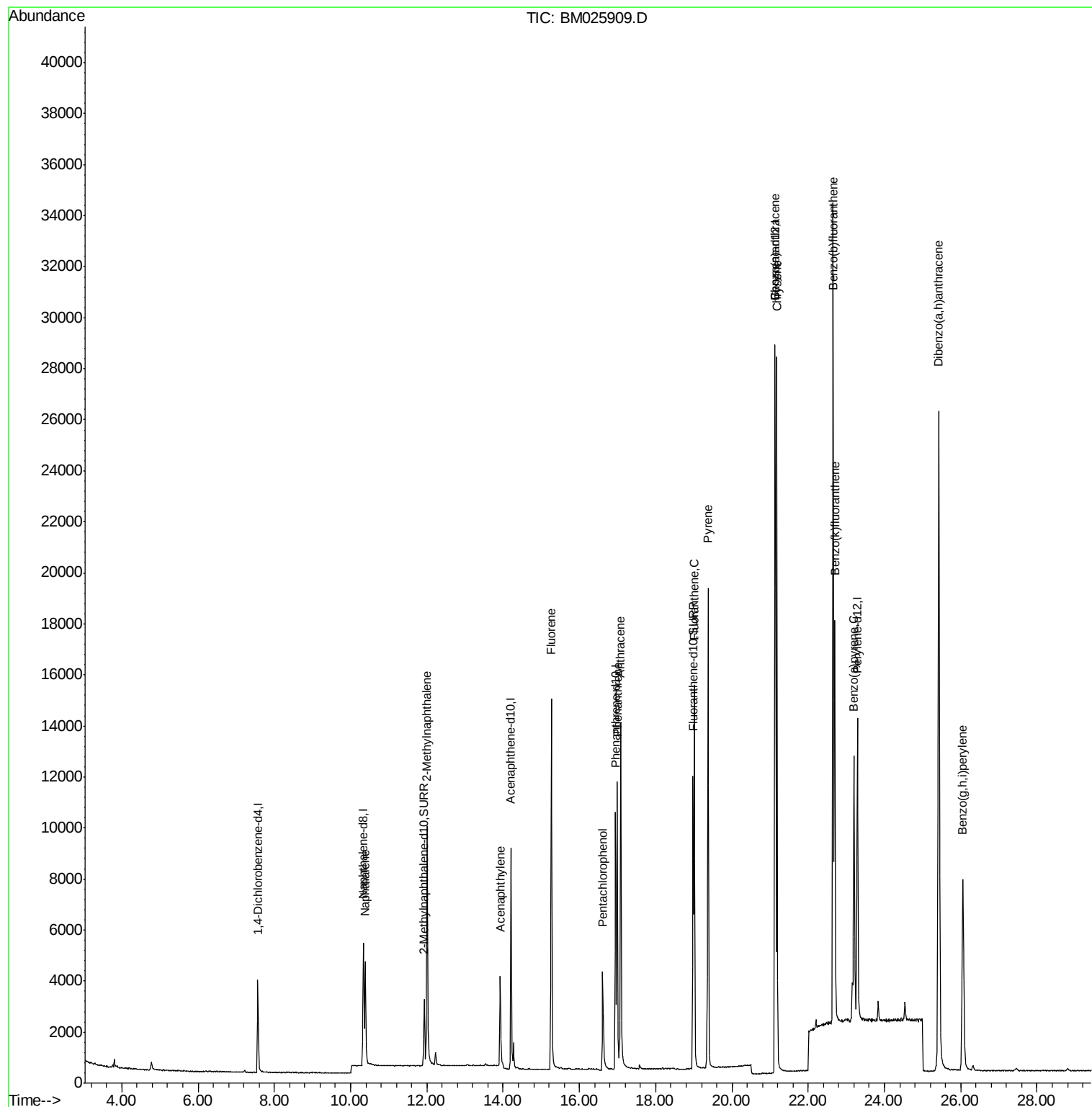
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	7932	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	5377	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	13413	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	15196	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	15277	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	4362	0.31	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	14101	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	6579	0.282	ng/ul	99
5) 2-Methylnaphthalene	12.00	142	8471	0.519	ng/ul	99
7) Acenaphthylene	13.93	152	4907	0.213	ng/ul	97
9) Fluorene	15.26	166	11245	0.475	ng/ul	100
11) Pentachlorophenol	16.61	266	3597	1.092	ng/ul	97
12) Phenanthrene	16.99	178	12335	0.292	ng/ul	100
13) Anthracene	17.08	178	16744	0.449	ng/ul	100
15) Fluoranthene	19.01	202	13638	0.261	ng/ul	99
17) Pyrene	19.38	202	17524	0.322	ng/ul	99
18) Benzo(a)anthracene	21.13	228	22216	0.409	ng/ul	100
19) Chrysene	21.18	228	24722	0.417	ng/ul	100
21) Benzo(b)fluoranthene	22.65	252	39320	0.699	ng/ul	99
22) Benzo(k)fluoranthene	22.70	252	19247	0.319	ng/ul	98
23) Benzo(a)pyrene	23.20	252	16015	0.319	ng/ul	96
25) Dibenzo(a,h)anthracene	25.43	278	41559	0.740	ng/ul	99
26) Benzo(a,h,i)perylene	26.05	276	17564	0.309	ng/ul	99

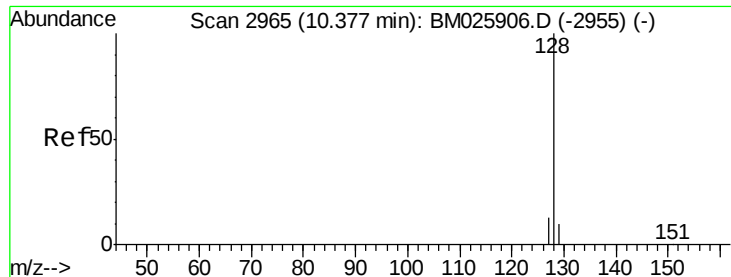
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.282 ng/ul

RT: 10.38 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

Instrument :

BNA_M

ClientSampleId :

DBEW4

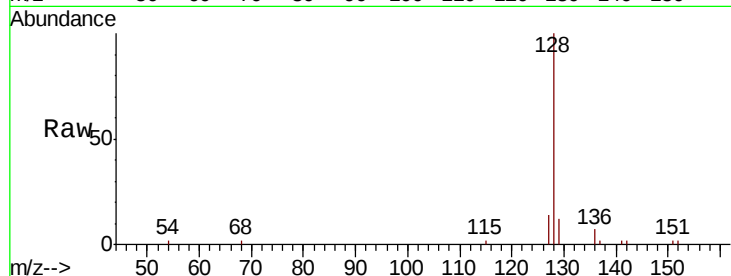
Tot Ion:128 Resp: 6579

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

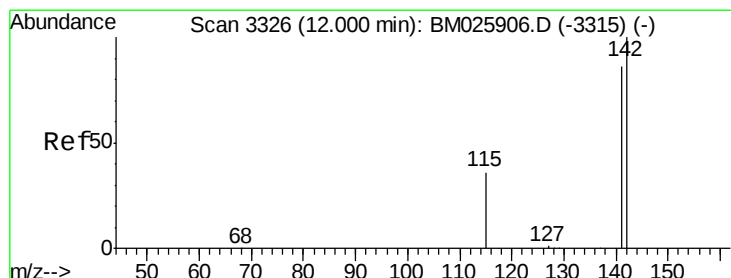
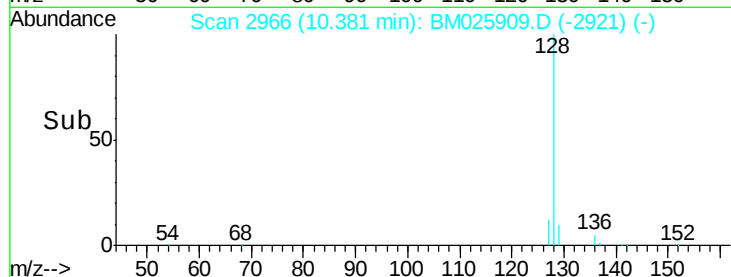
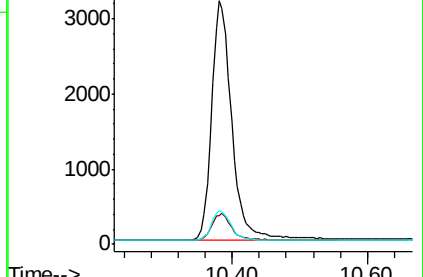
127 13.7 10.7 16.1



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: 0.519 ng/ul

RT: 12.00 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BM025909.D

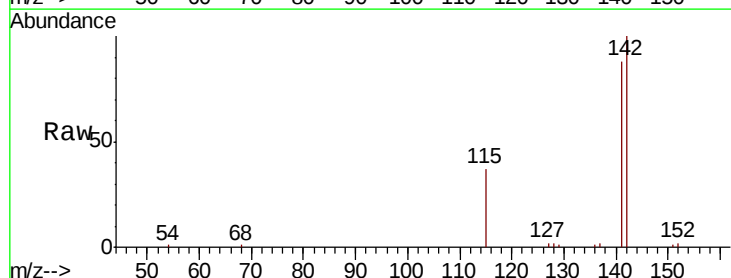
Acq: 03 Apr 2020 13:15

Tgt Ion:142 Resp: 8471

Ion Ratio Lower Upper

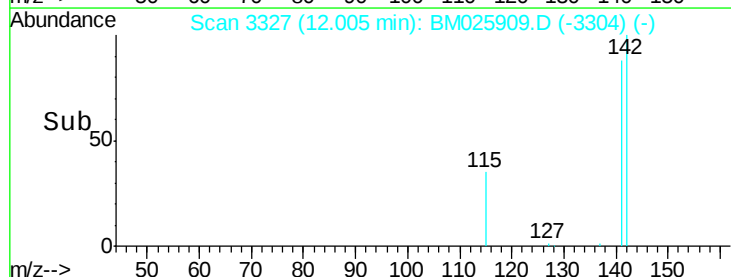
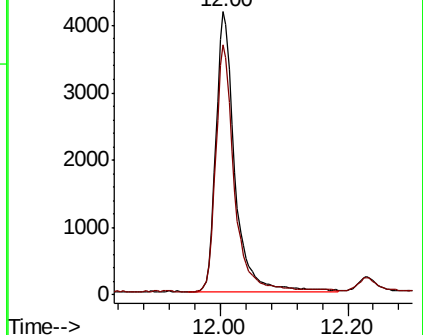
142 100

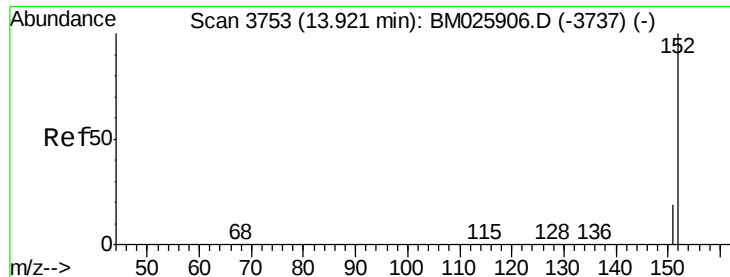
141 87.3 69.0 103.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.213 ng/ul

RT: 13.93 min Scan# 3754

Delta R.T. 0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

Instrument :

BNA_M

ClientSampleId :

DBEW4

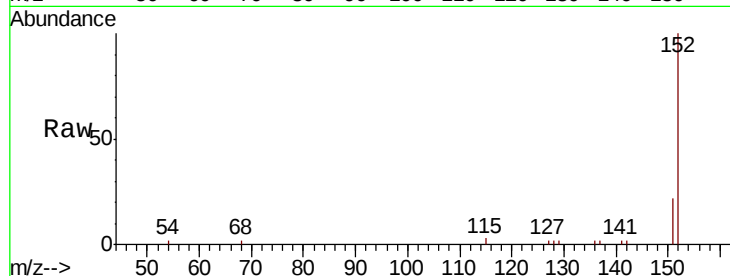
Tot Ion:152 Resp: 4907

Ion Ratio Lower Upper

152 100

151 21.6 16.1 24.1

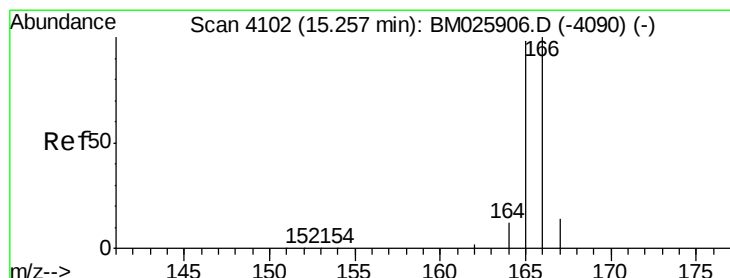
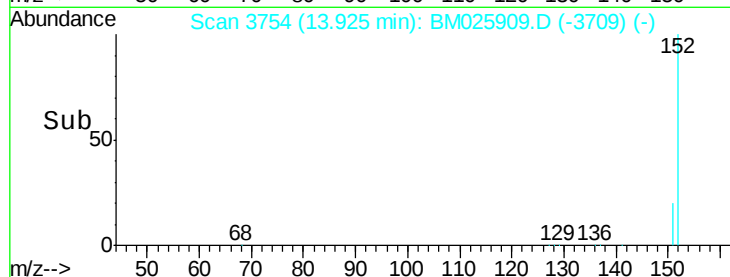
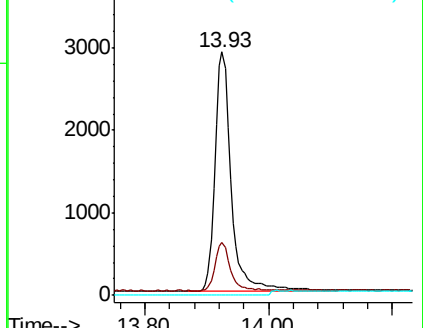
153 0.0 0.0 0.0



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



#9

Fluorene

Concen: 0.475 ng/ul

RT: 15.26 min Scan# 4104

Delta R.T. 0.01 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

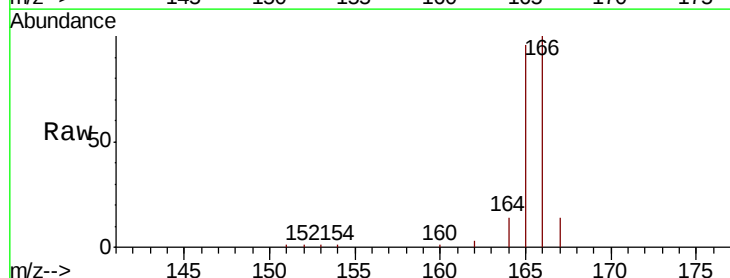
Tgt Ion:166 Resp: 11245

Ion Ratio Lower Upper

166 100

165 96.0 76.6 115.0

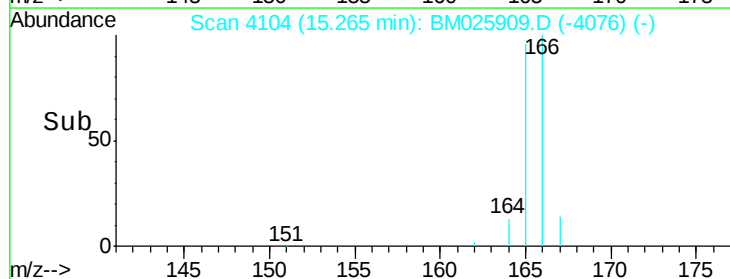
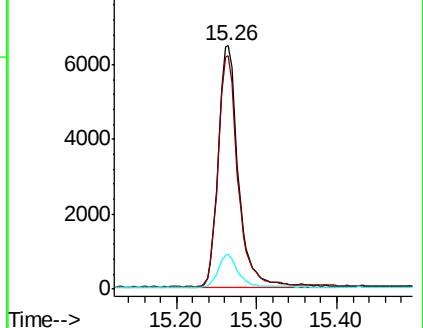
167 14.5 11.4 17.0

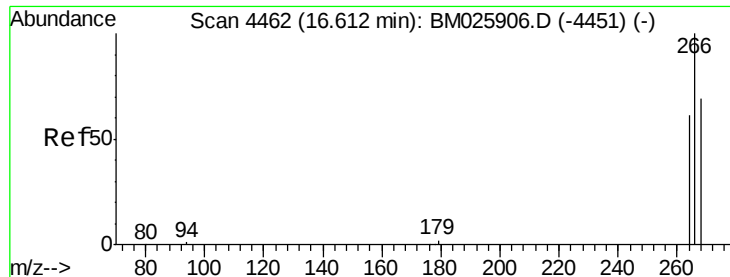


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

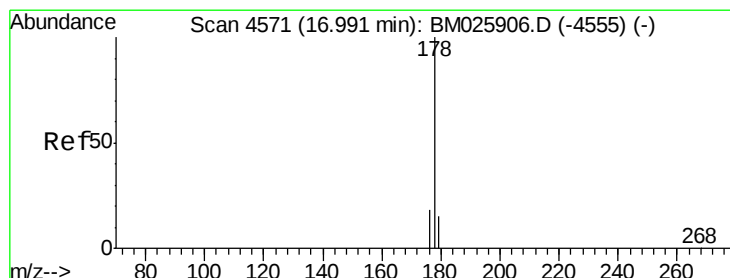
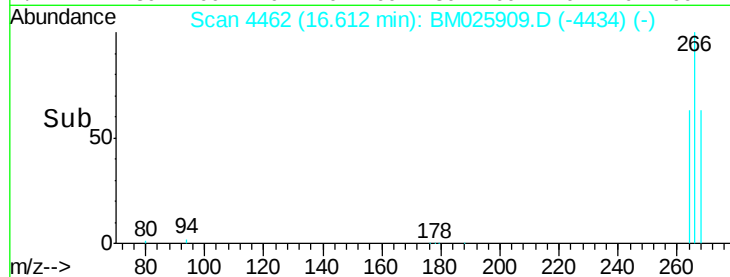
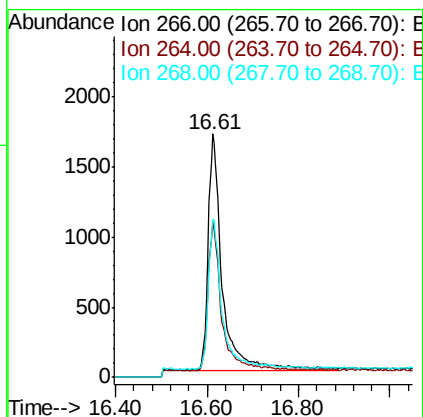
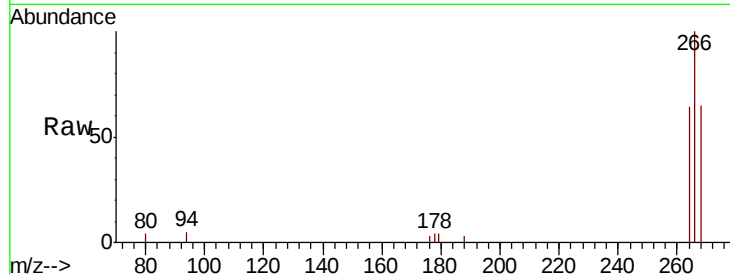




#11
 Pentachlorophenol
 Concen: 1.092 ng/ul
 RT: 16.61 min Scan# 4462
 Delta R.T. -0.00 min
 Lab File: BM025909.D
 Acq: 03 Apr 2020 13:15

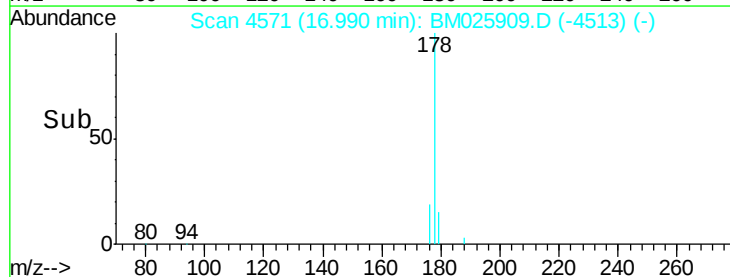
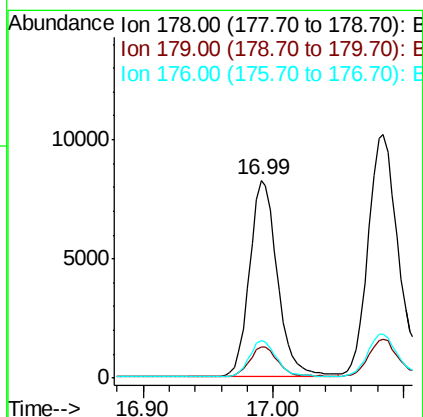
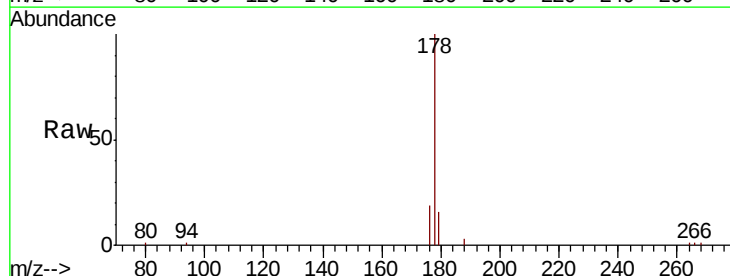
Instrument :
 BNA_M
 ClientSampleId :
 DBEW4

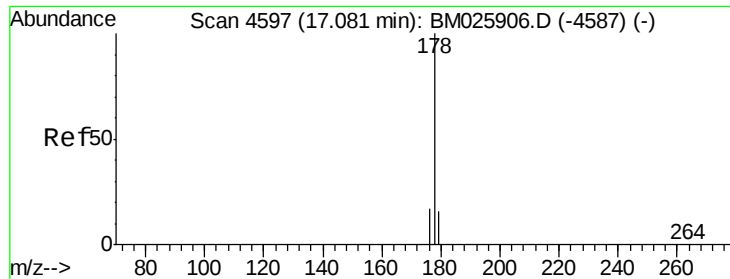
Tot Ion:266 Resp: 3597
 Ion Ratio Lower Upper
 266 100
 264 61.8 48.4 72.6
 268 64.5 48.7 73.1



#12
 Phenanthrene
 Concen: 0.292 ng/ul
 RT: 16.99 min Scan# 4571
 Delta R.T. 0.00 min
 Lab File: BM025909.D
 Acq: 03 Apr 2020 13:15

Tgt Ion:178 Resp: 12335
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.8 19.2
 176 19.2 15.1 22.7





#13

Anthracene

Concen: 0.449 ng/ul

RT: 17.08 min Scan# 4598

Delta R.T. 0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

Instrument :

BNA_M

ClientSampleId :

DBEW4

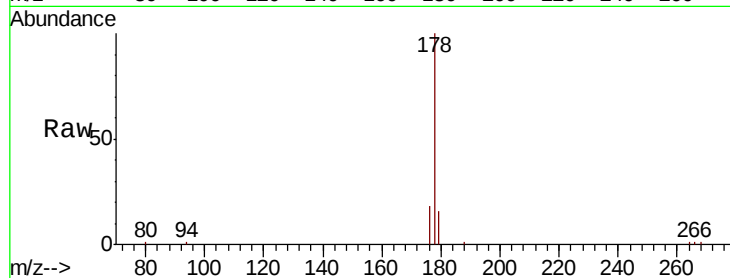
Tot Ion:178 Resp: 16744

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

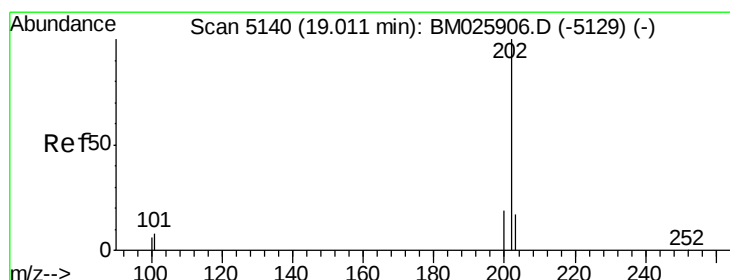
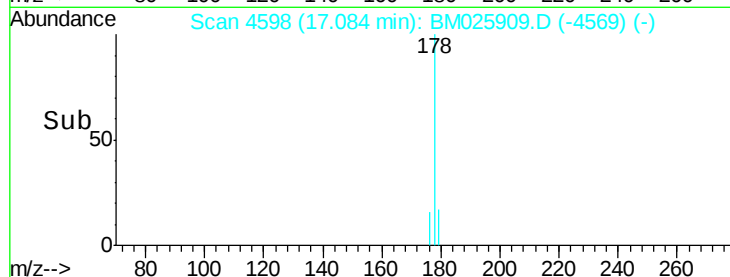
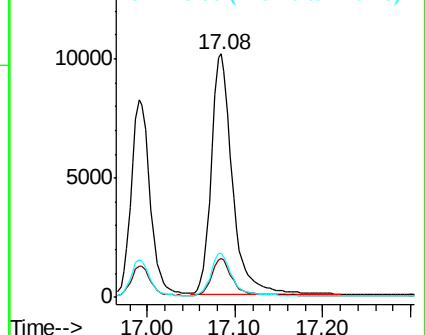
176 17.9 14.5 21.7



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: 0.261 ng/ul

RT: 19.01 min Scan# 5141

Delta R.T. 0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

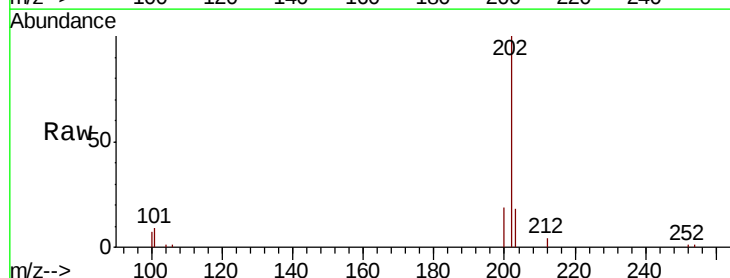
Tgt Ion:202 Resp: 13638

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.6

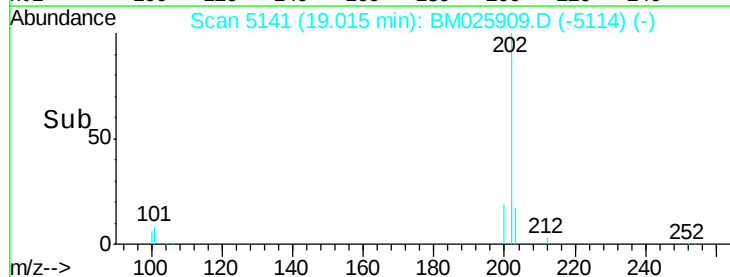
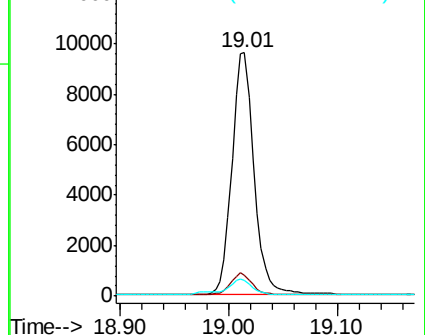
100 6.6 0.0 27.0

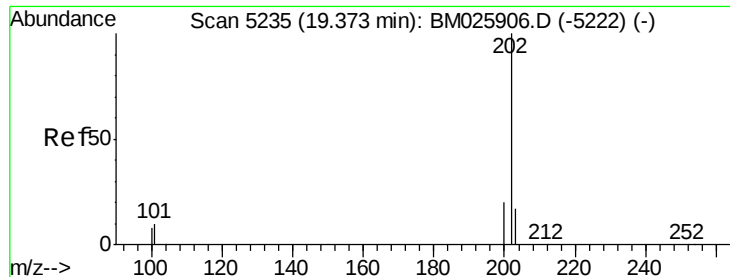


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

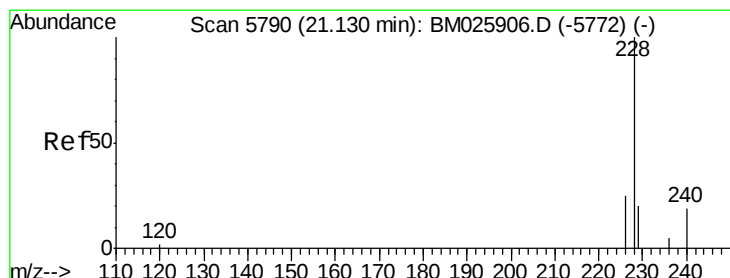
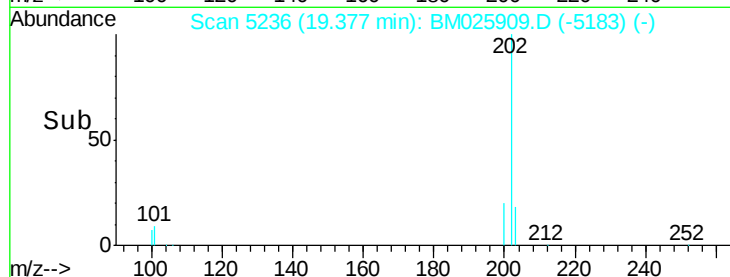
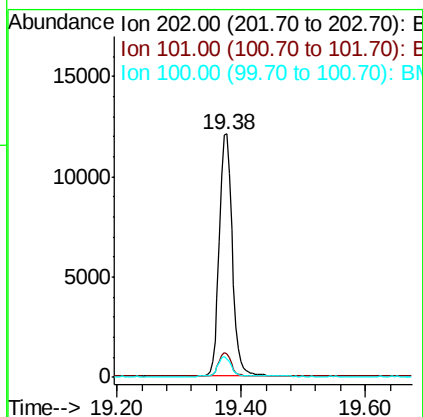
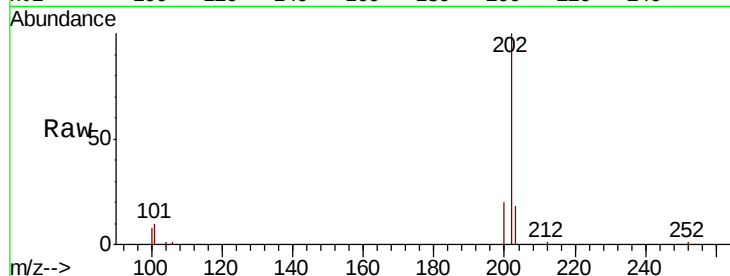




#17
Pvrene
Concen: 0.322 ng/ul
RT: 19.38 min Scan# 5236
Delta R.T. 0.00 min
Lab File: BM025909.D
Acq: 03 Apr 2020 13:15

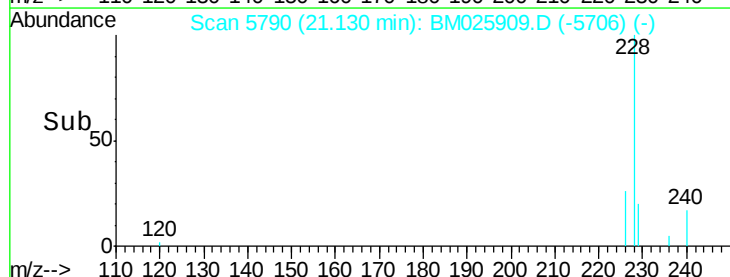
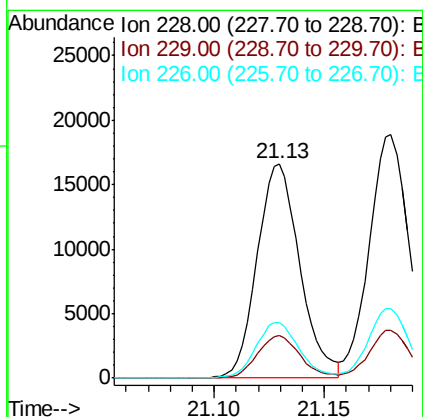
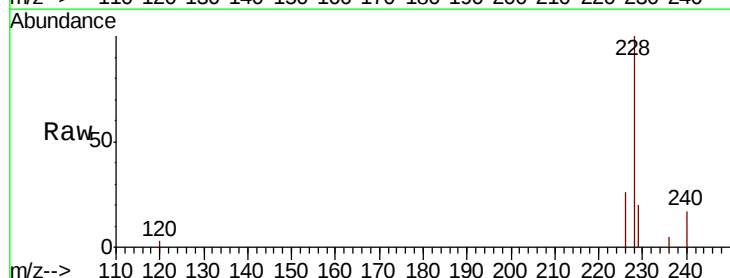
Instrument :
BNA_M
ClientSampleId :
DBEW4

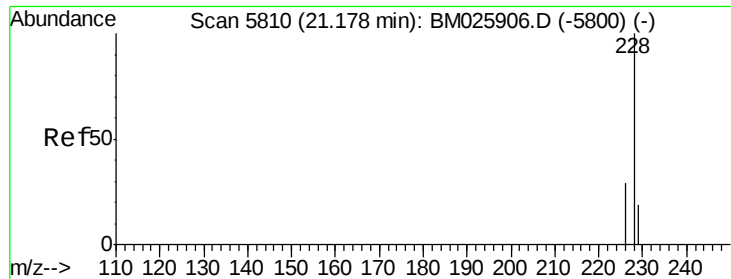
Tot Ion:202 Resp: 17524
Ion Ratio Lower Upper
202 100
101 9.8 7.5 11.3
100 7.6 6.3 9.5



#18
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.13 min Scan# 5790
Delta R.T. 0.00 min
Lab File: BM025909.D
Acq: 03 Apr 2020 13:15

Tgt Ion:228 Resp: 22216
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 26.0 20.9 31.3





#19

Chrysene

Concen: 0.417 ng/ul

RT: 21.18 min Scan# 5811

Delta R.T. 0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

Instrument :

BNA_M

ClientSampleId :

DBEW4

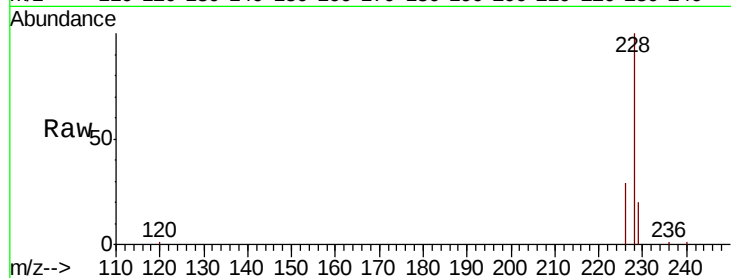
Tot Ion:228 Resp: 24722

Ion Ratio Lower Upper

228 100

226 28.7 22.9 34.3

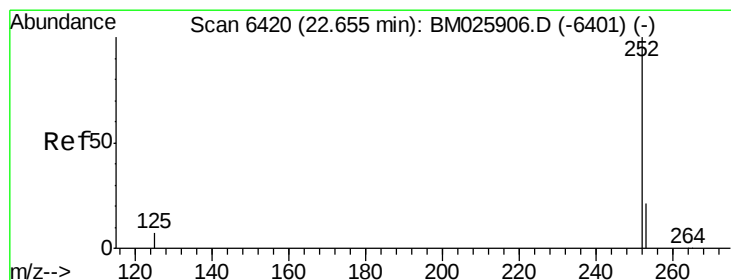
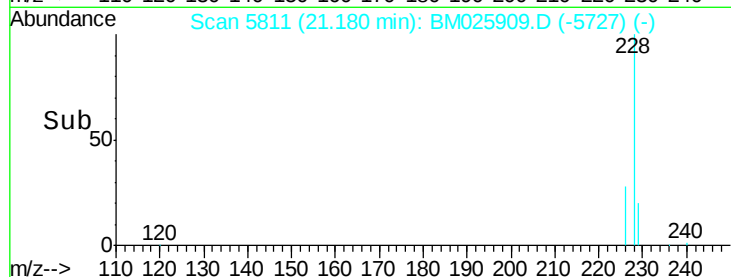
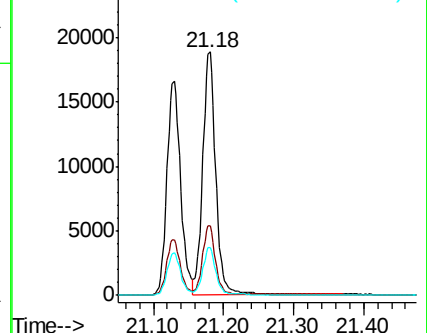
229 19.8 15.8 23.8



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: 0.699 ng/ul

RT: 22.65 min Scan# 6420

Delta R.T. 0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

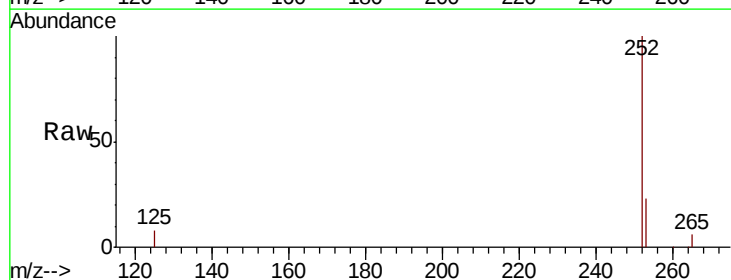
Tgt Ion:252 Resp: 39320

Ion Ratio Lower Upper

252 100

253 22.9 0.0 46.6

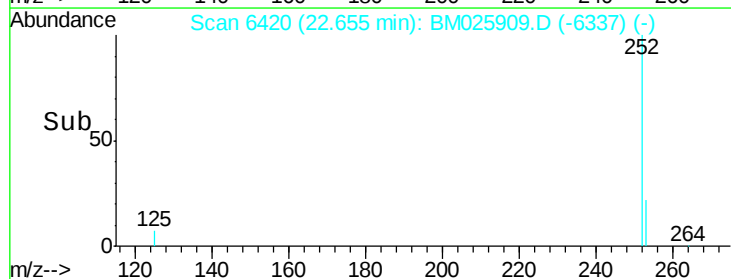
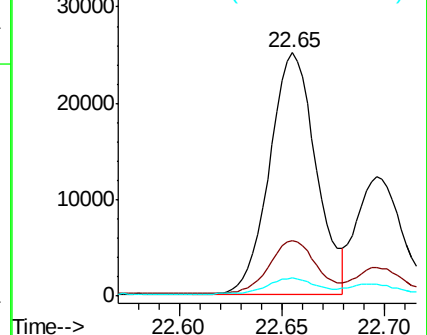
125 7.6 0.0 15.4

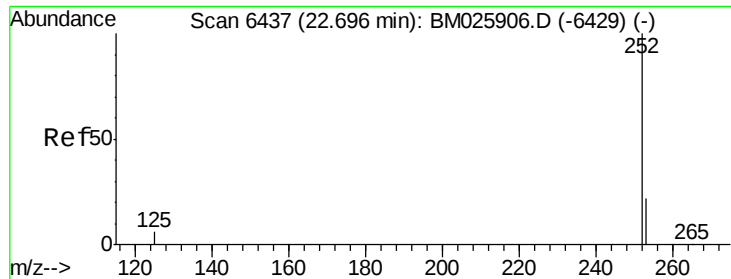


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.319 ng/ul

RT: 22.70 min Scan# 6437

Delta R.T. -0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

Instrument :

BNA_M

ClientSampleId :

DBEW4

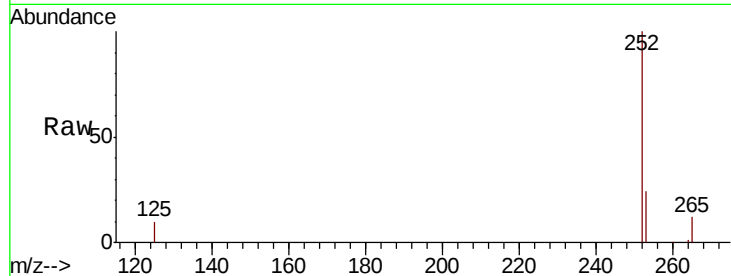
Tot Ion:252 Resp: 19247

Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.4

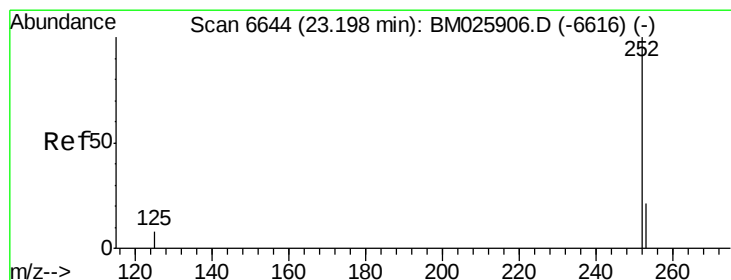
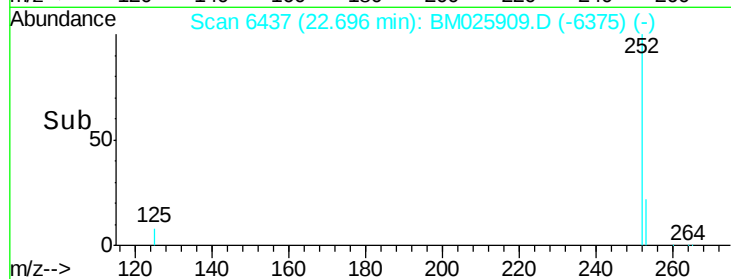
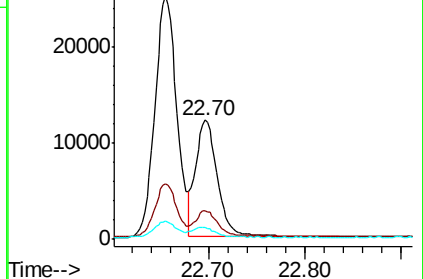
125 9.7 6.7 10.1



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: 0.319 ng/ul

RT: 23.20 min Scan# 6645

Delta R.T. 0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

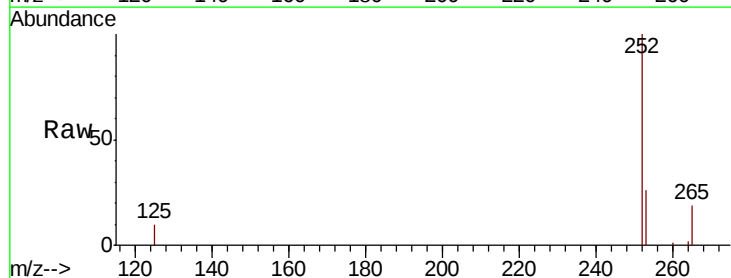
Tgt Ion:252 Resp: 16015

Ion Ratio Lower Upper

252 100

253 25.9 19.2 28.8

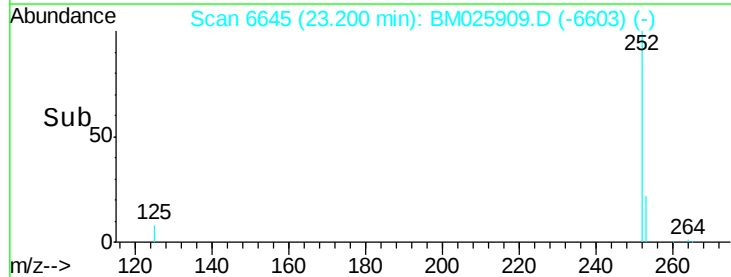
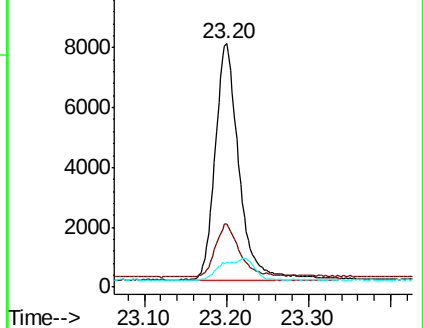
125 10.3 7.4 11.0

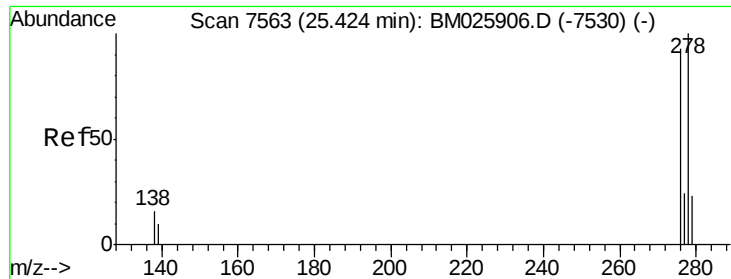


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.740 ng/ul

RT: 25.43 min Scan# 7564

Delta R.T. 0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

Instrument :

BNA_M

ClientSampleId :

DBEW4

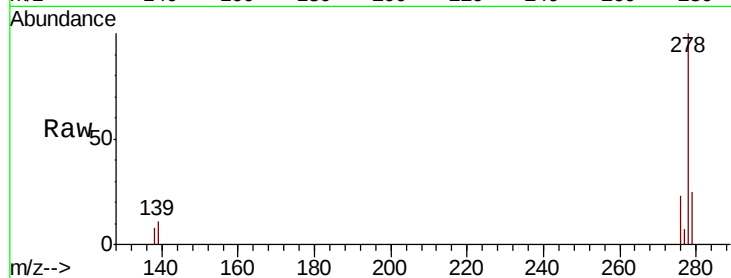
Tot Ion:278 Resp: 41559

Ion Ratio Lower Upper

278 100

139 10.9 8.9 13.3

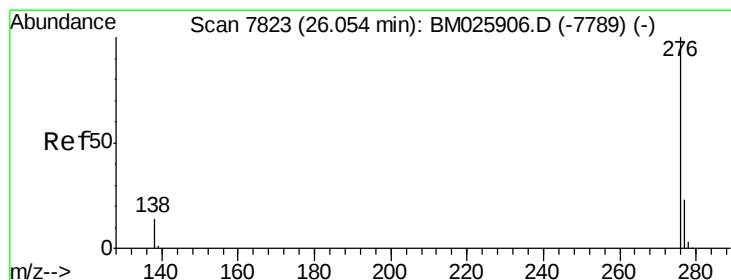
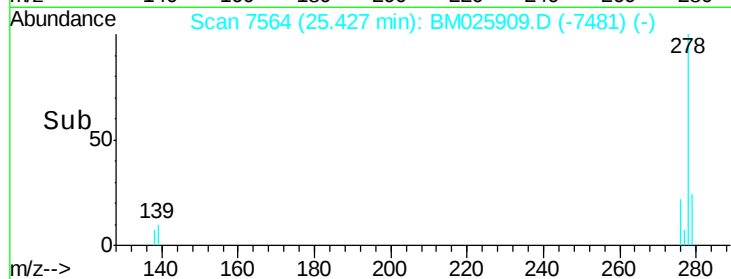
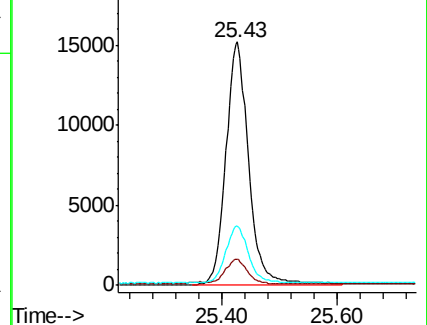
279 24.6 20.0 30.0



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: 0.309 ng/ul

RT: 26.05 min Scan# 7823

Delta R.T. -0.00 min

Lab File: BM025909.D

Acq: 03 Apr 2020 13:15

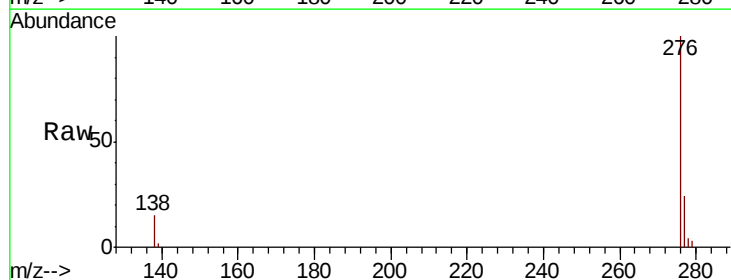
Tgt Ion:276 Resp: 17564

Ion Ratio Lower Upper

276 100

138 15.4 11.8 17.8

277 24.1 19.2 28.8



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

