

Data File : BM025155.D
Acq On : 29 Feb 2020 04:56
Operator : CG/JU
Sample : L1506-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCY5

Quant Time: Mar 02 00:39:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 00:36:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2798	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10989	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7146	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16495	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	16092	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	17399	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	3766	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	10708	0.19	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.03	152	1447	0.035	ng/ul#	92
9) Fluorene	15.37	166	1922	0.055	ng/ul	96
12) Phenanthrene	17.10	178	128811	2.220	ng/ul	95
13) Anthracene	17.19	178	63264	1.125	ng/ul	95
15) Fluoranthene	19.11	202	424993	5.043	ng/ul	96
17) Pyrene	19.47	202	335287	4.624	ng/ul	95
18) Benzo(a)anthracene	21.22	228	157452	2.266	ng/ul	98
19) Chrysene	21.27	228	140037	2.024	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	169422	2.484	ng/ul	91
22) Benzo(k)fluoranthene	22.78	252	169422	2.507	ng/ul#	93
23) Benzo(a)pyrene	23.34	252	68290	1.097	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.62	276	27733	0.355	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.62	278	7825	0.119	ng/ul#	85
26) Benzo(g,h,i)perylene	26.28	276	17231	0.262	ng/ul#	93

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

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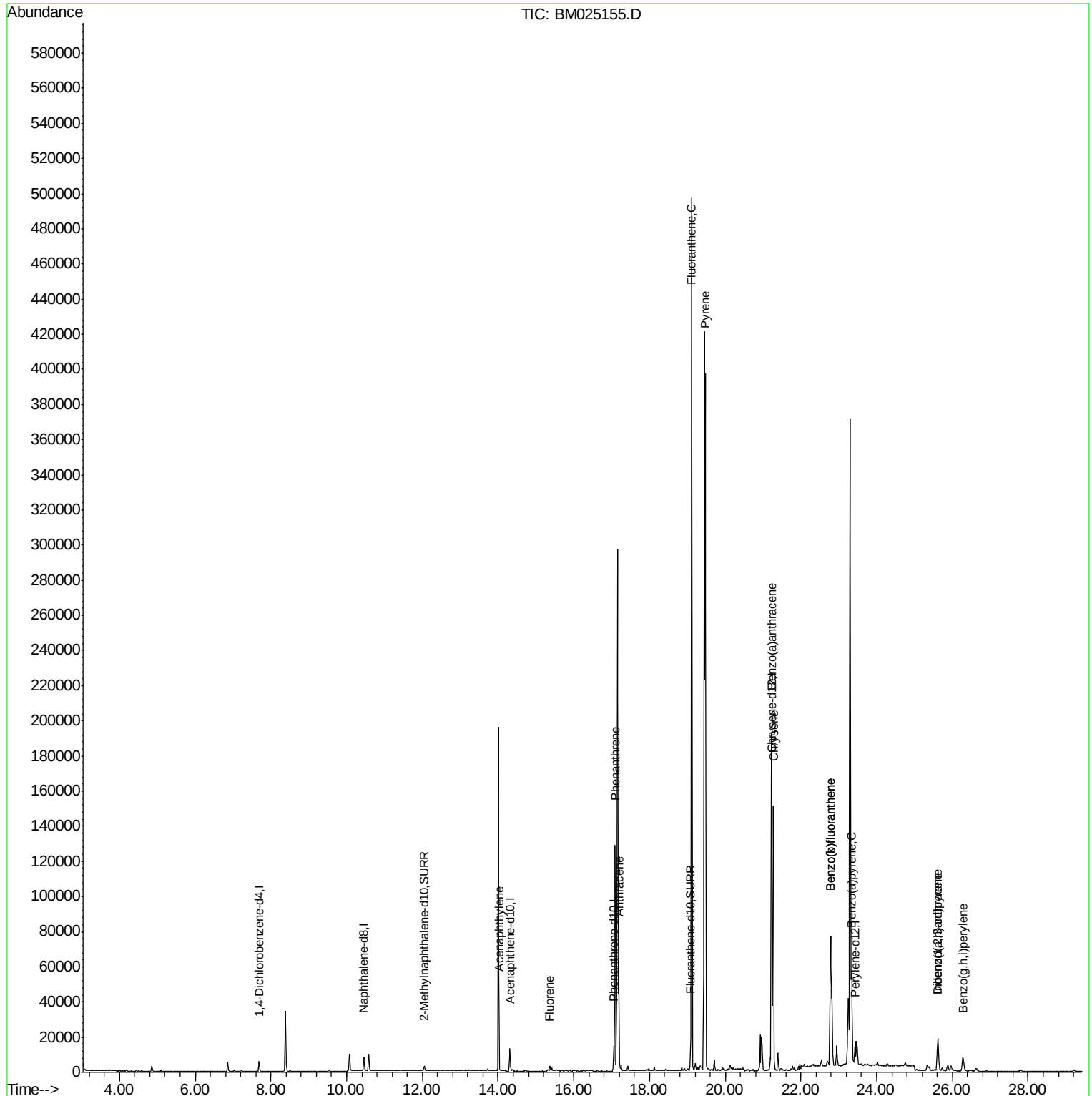
Quant Time: Mar 02 00:39:52 2020

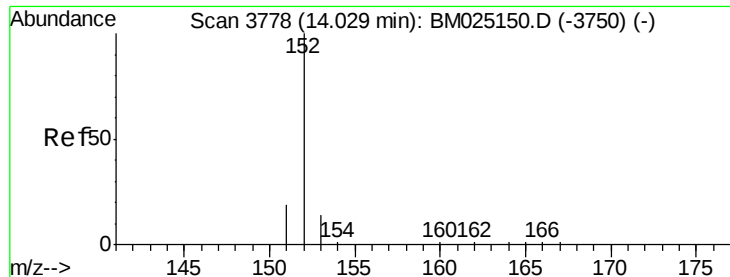
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM022420.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 02 00:36:45 2020

Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. -0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

Instrument :

BNA_M

ClientSampleId :

DBCY5

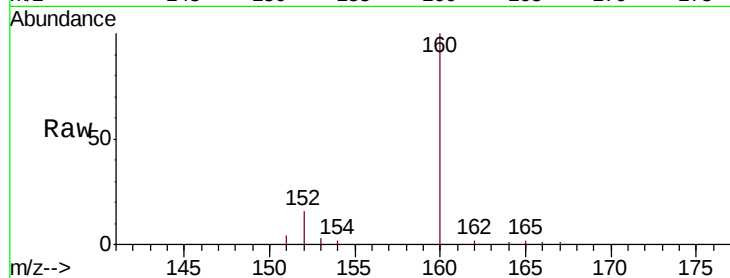
Tgt Ion:152 Resp: 1447

Ion Ratio Lower Upper

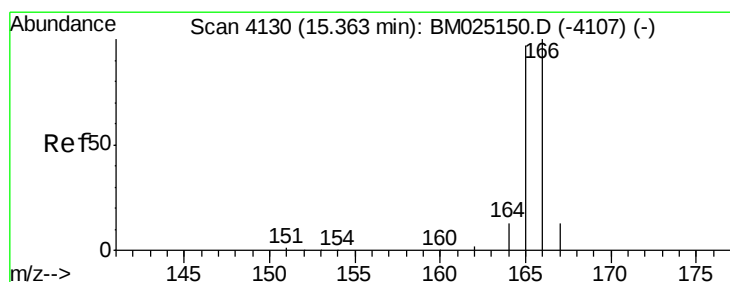
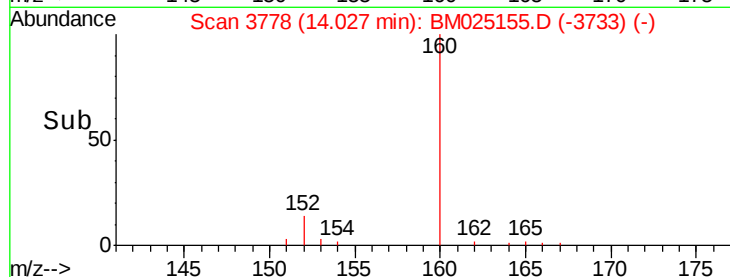
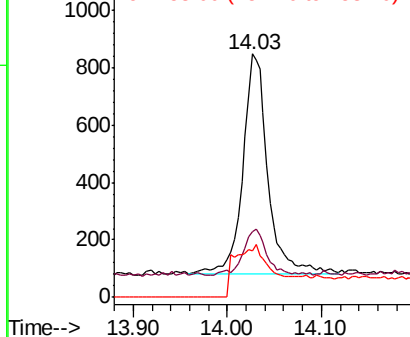
152 100

151 26.9 17.8 26.8#

153 19.2 13.3 19.9



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: 0.055 ng/ul

RT: 15.37 min Scan# 4131

Delta R.T. 0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

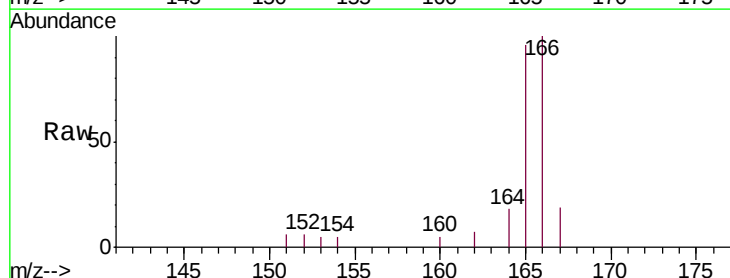
Tgt Ion:166 Resp: 1922

Ion Ratio Lower Upper

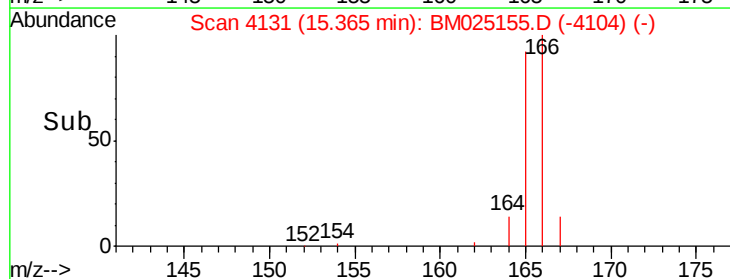
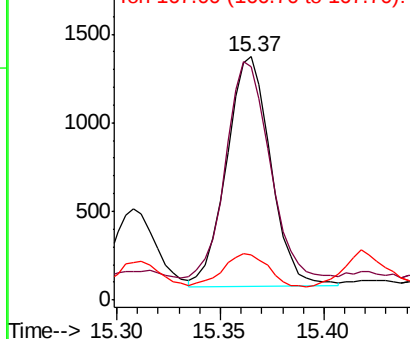
166 100

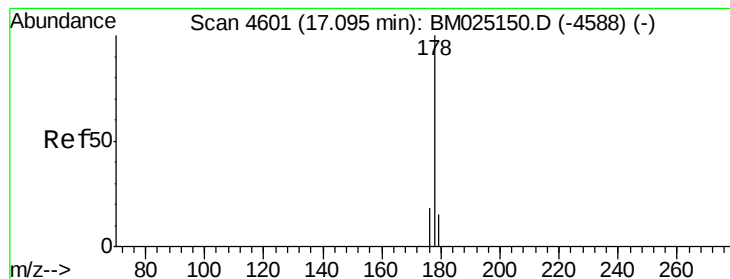
165 95.8 80.0 120.0

167 18.7 13.7 20.5



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





#12

Phenanthrene

Concen: 2.220 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. 0.00 min

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Acq: 29 Feb 2020 04:56

Instrument :

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ClientSampleId :

DBCY5

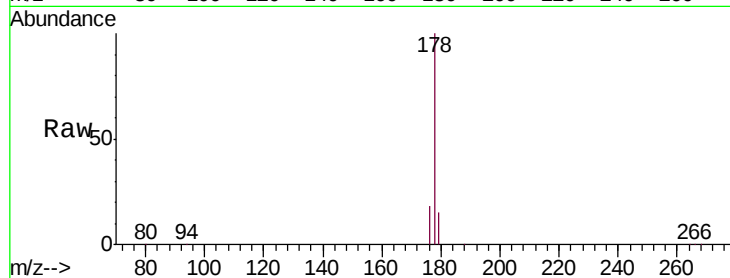
Tgt Ion:178 Resp: 128811

Ion Ratio Lower Upper

178 100

179 15.2 14.0 21.0

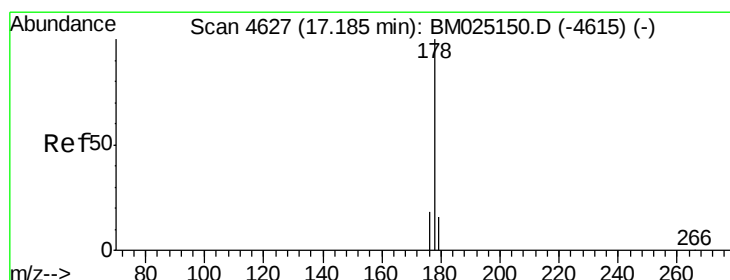
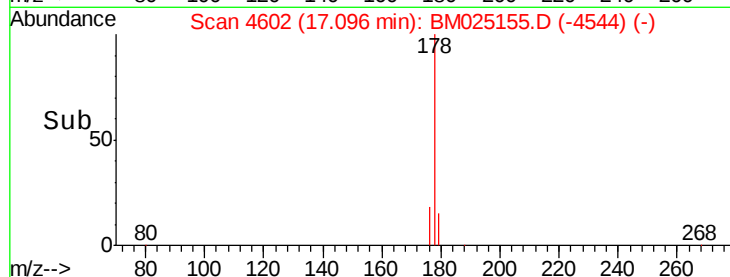
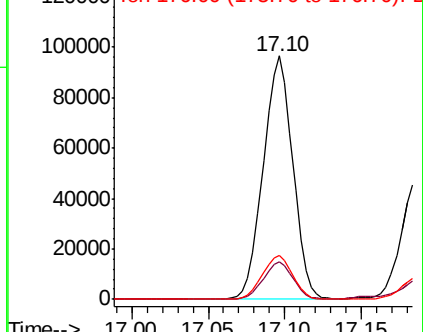
176 18.3 16.6 24.8



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: 1.125 ng/ul

RT: 17.19 min Scan# 4628

Delta R.T. 0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

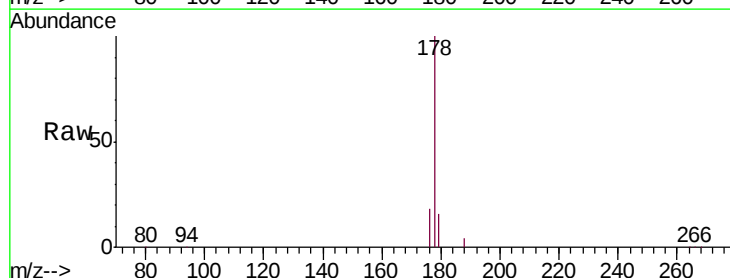
Tgt Ion:178 Resp: 63264

Ion Ratio Lower Upper

178 100

179 15.7 14.1 21.1

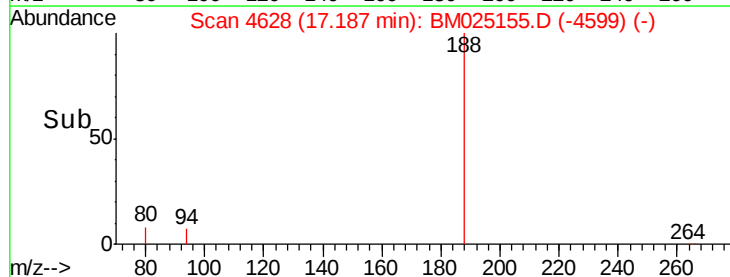
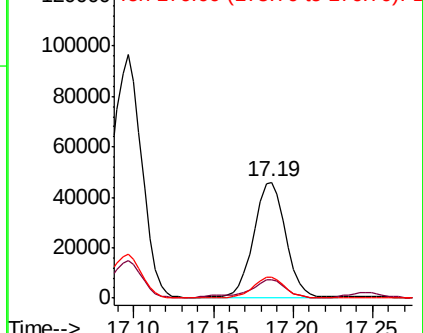
176 17.6 16.2 24.4

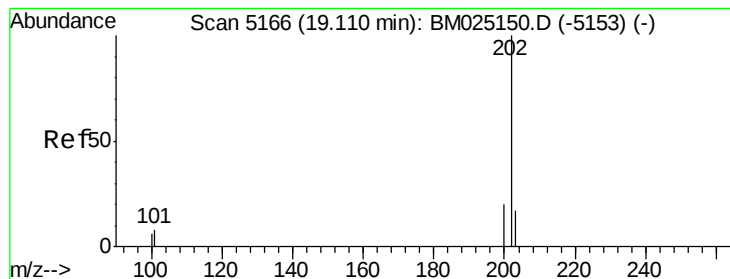


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 5.043 ng/ul

RT: 19.11 min Scan# 5167

Delta R.T. 0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

Instrument :

BNA_M

ClientSampleId :

DBCY5

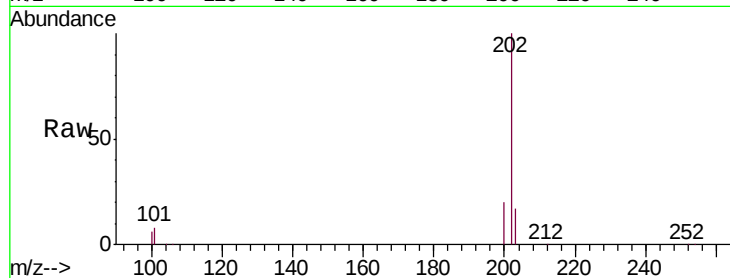
Tgt Ion:202 Resp: 424993

Ion Ratio Lower Upper

202 100

101 8.0 0.0 29.4

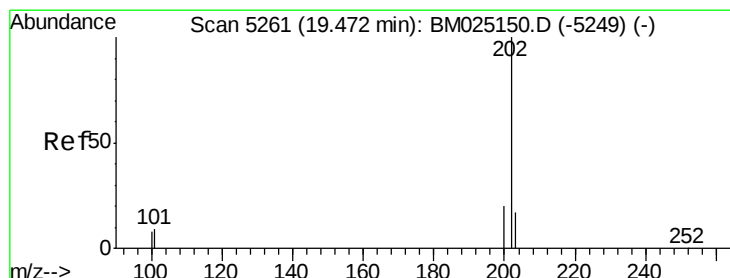
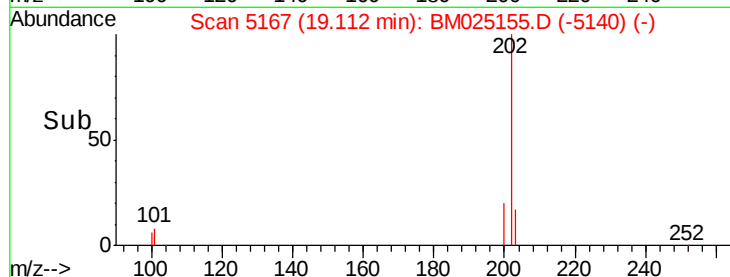
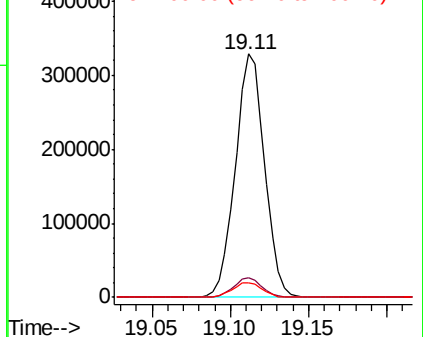
100 6.1 0.0 28.0



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

Pyrene

Concen: 4.624 ng/ul

RT: 19.47 min Scan# 5262

Delta R.T. 0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

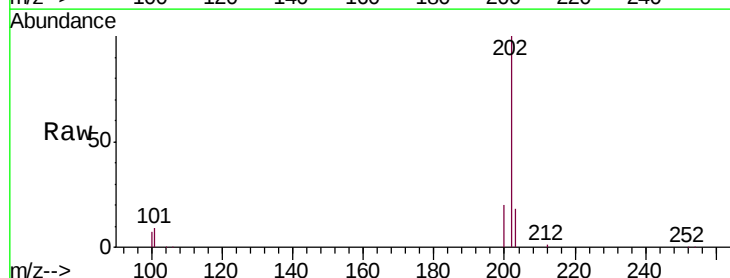
Tgt Ion:202 Resp: 335287

Ion Ratio Lower Upper

202 100

101 9.0 8.7 13.1

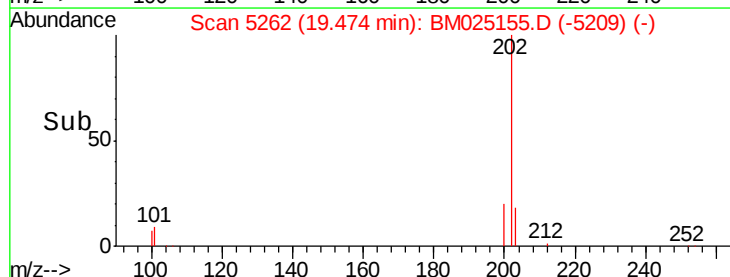
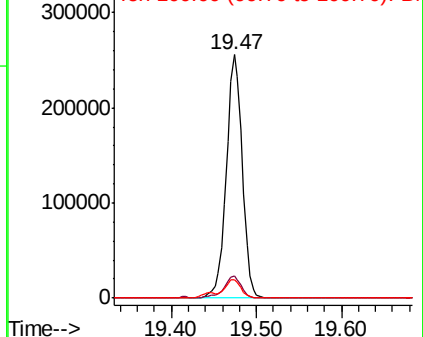
100 7.4 7.3 10.9

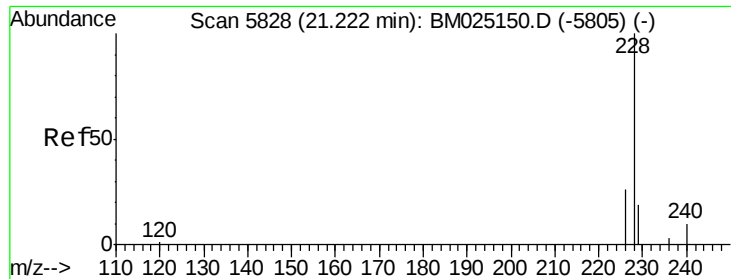


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 2.266 ng/ul

RT: 21.22 min Scan# 5829

Delta R.T. 0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

Instrument :

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ClientSampleId :

DBCY5

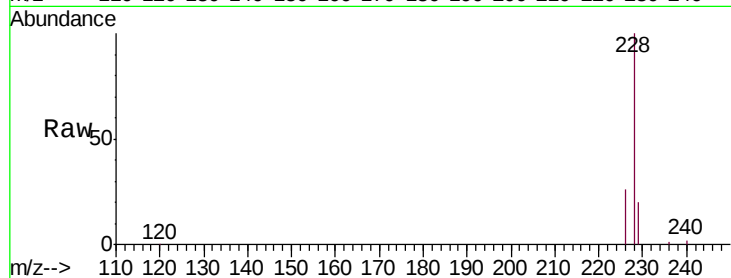
Tgt Ion:228 Resp: 157452

Ion Ratio Lower Upper

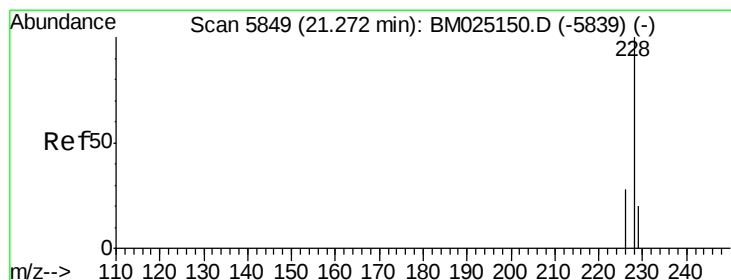
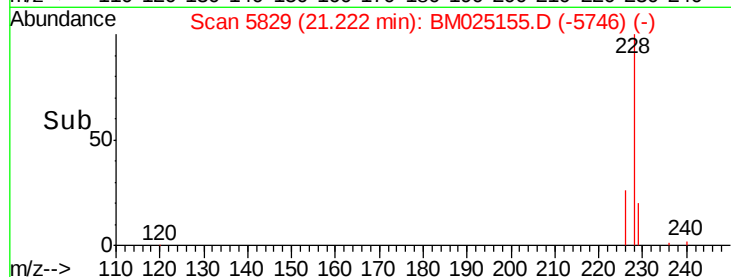
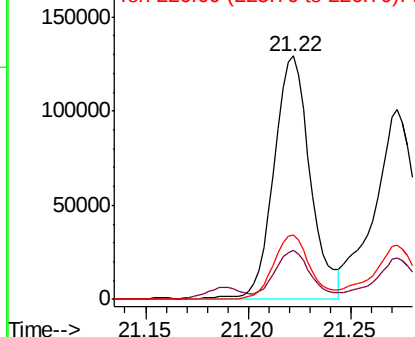
228 100

229 20.1 16.6 25.0

226 26.2 21.9 32.9



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: 2.024 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. 0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

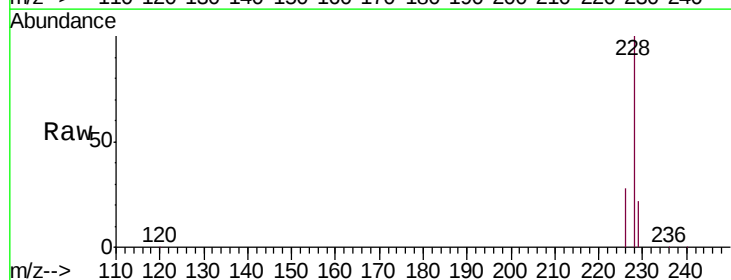
Tgt Ion:228 Resp: 140037

Ion Ratio Lower Upper

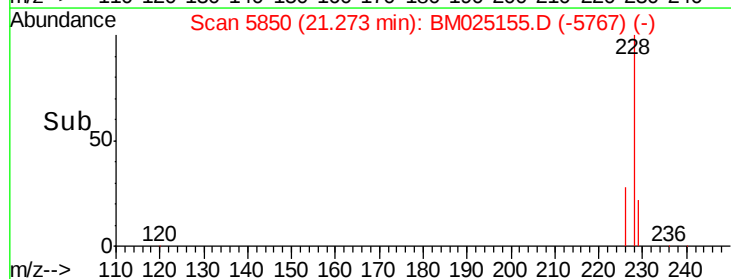
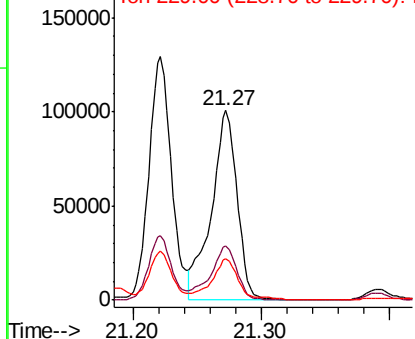
228 100

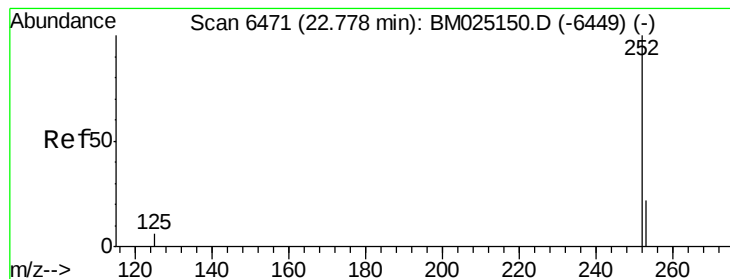
226 28.5 23.8 35.8

229 21.7 16.9 25.3



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: 2.484 ng/u1

RT: 22.78 min Scan# 6473

Delta R.T. 0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

Instrument :

BNA_M

ClientSampleId :

DBCY5

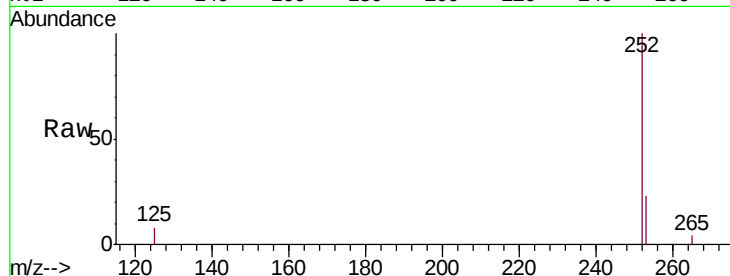
Tgt Ion:252 Resp: 169422

Ion Ratio Lower Upper

252 100

253 22.9 0.0 49.8

125 7.6 0.0 28.6

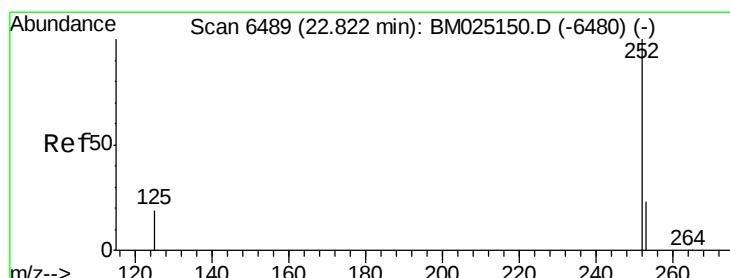
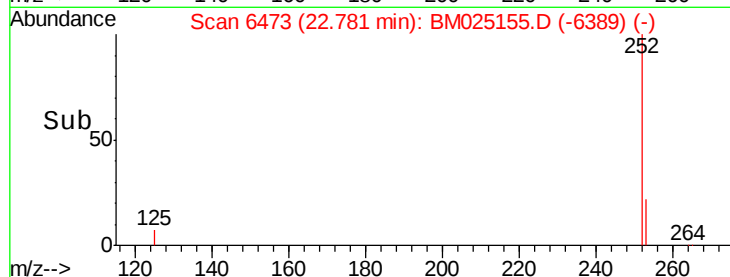
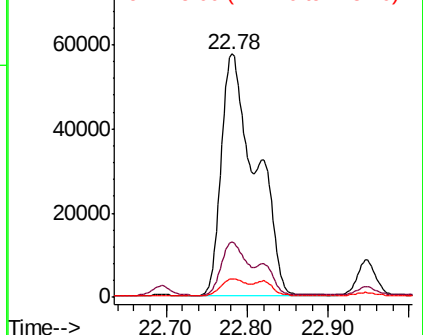


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 2.507 ng/u1

RT: 22.78 min Scan# 6473

Delta R.T. -0.04 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

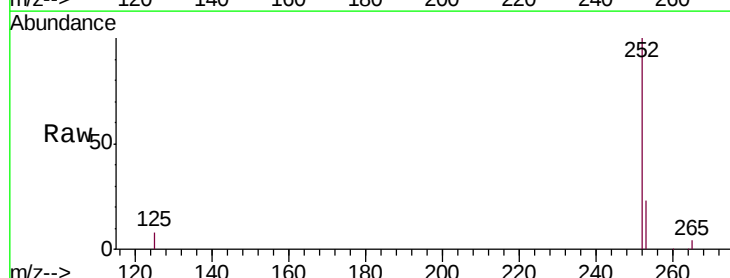
Tgt Ion:252 Resp: 169422

Ion Ratio Lower Upper

252 100

253 22.9 19.4 29.0

125 7.6 10.7 16.1#

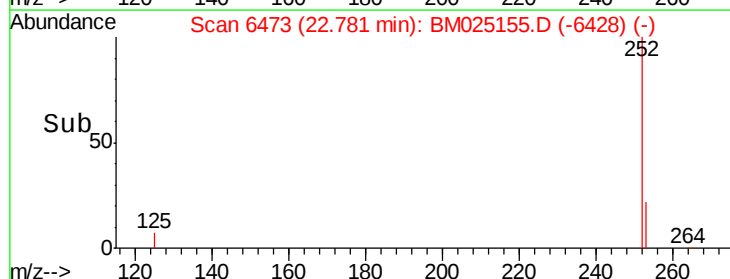
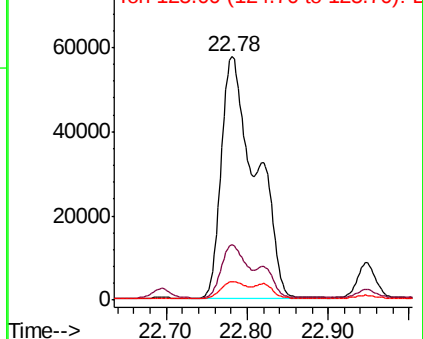


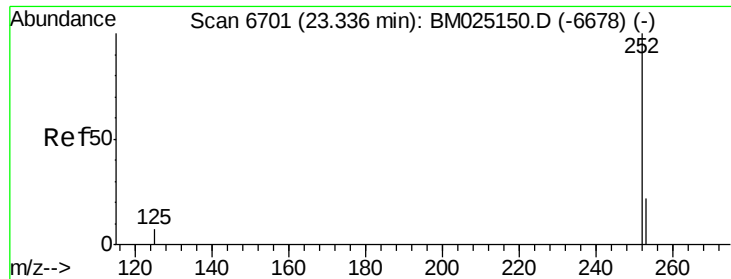
Abundance

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: 1.097 ng/u1

RT: 23.34 min Scan# 6702

Delta R.T. 0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

Instrument :

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ClientSampleId :

DBCY5

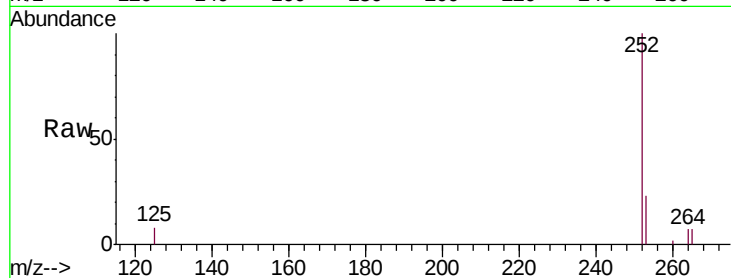
Tgt Ion:252 Resp: 68290

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

125 8.5 13.0 19.4#

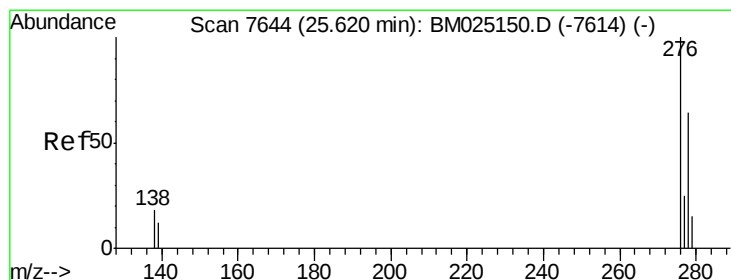
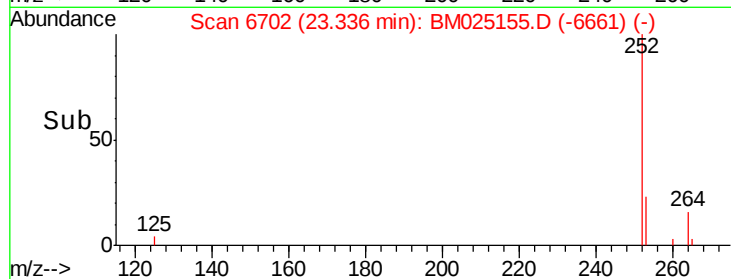
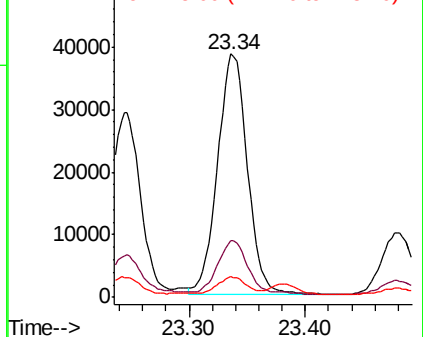


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng/u1

RT: 25.62 min Scan# 7644

Delta R.T. -0.00 min

Lab File: BM025155.D

Acq: 29 Feb 2020 04:56

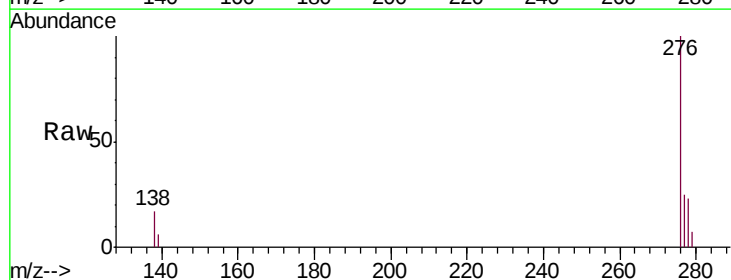
Tgt Ion:276 Resp: 27733

Ion Ratio Lower Upper

276 100

138 15.4 0.0 0.0#

227 0.0 0.0 0.0

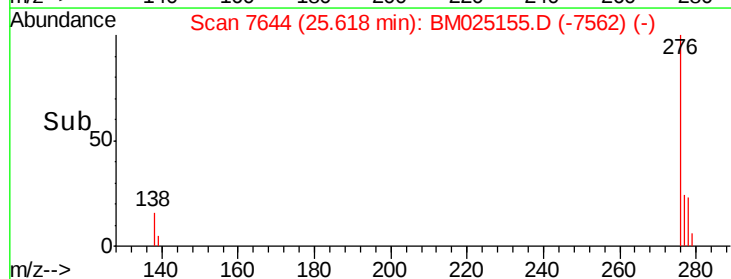
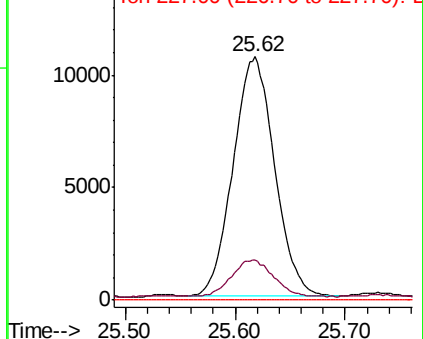


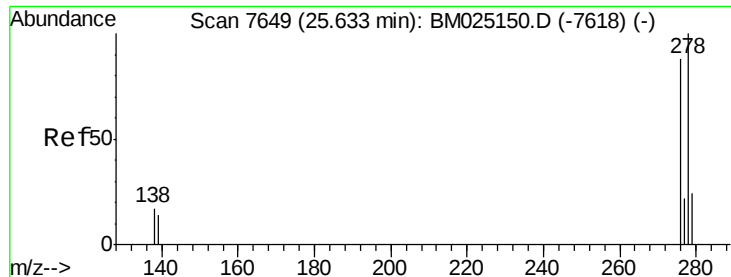
Abundance

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



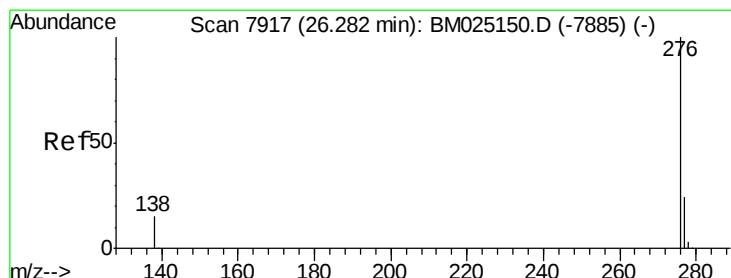
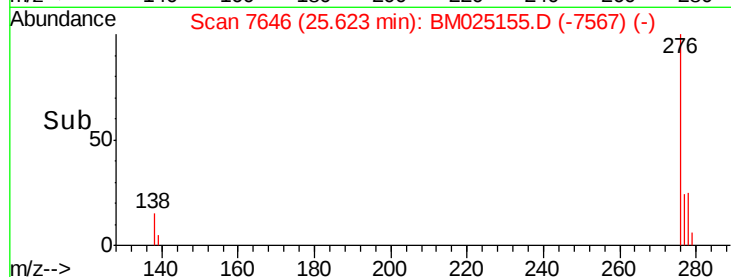
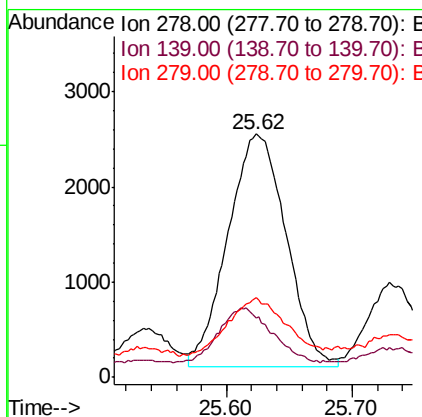
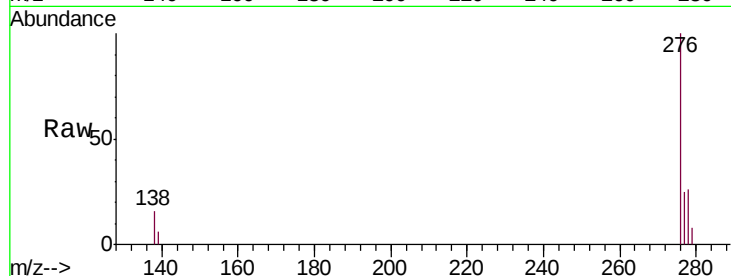


#25
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.62 min Scan# 7646
Delta R.T. -0.01 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Instrument :
BNA_M
ClientSampleId :
DBCY5

Tgt Ion: 278 Resp: 7825

Ion	Ratio	Lower	Upper
278	100		
139	24.6	13.2	19.8#
279	32.8	21.0	31.4#



#26
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.28 min Scan# 7917
Delta R.T. -0.00 min
Lab File: BM025155.D
Acq: 29 Feb 2020 04:56

Tgt Ion: 276 Resp: 17231

Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.9	26.9#
277	24.4	20.5	30.7

