

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025463.D
 Acq On : 10 Mar 2020 21:28
 Operator : CG/JU
 Sample : L1617-18
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 00:10:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 23:48:01 2020
 Response via : Initial Calibration

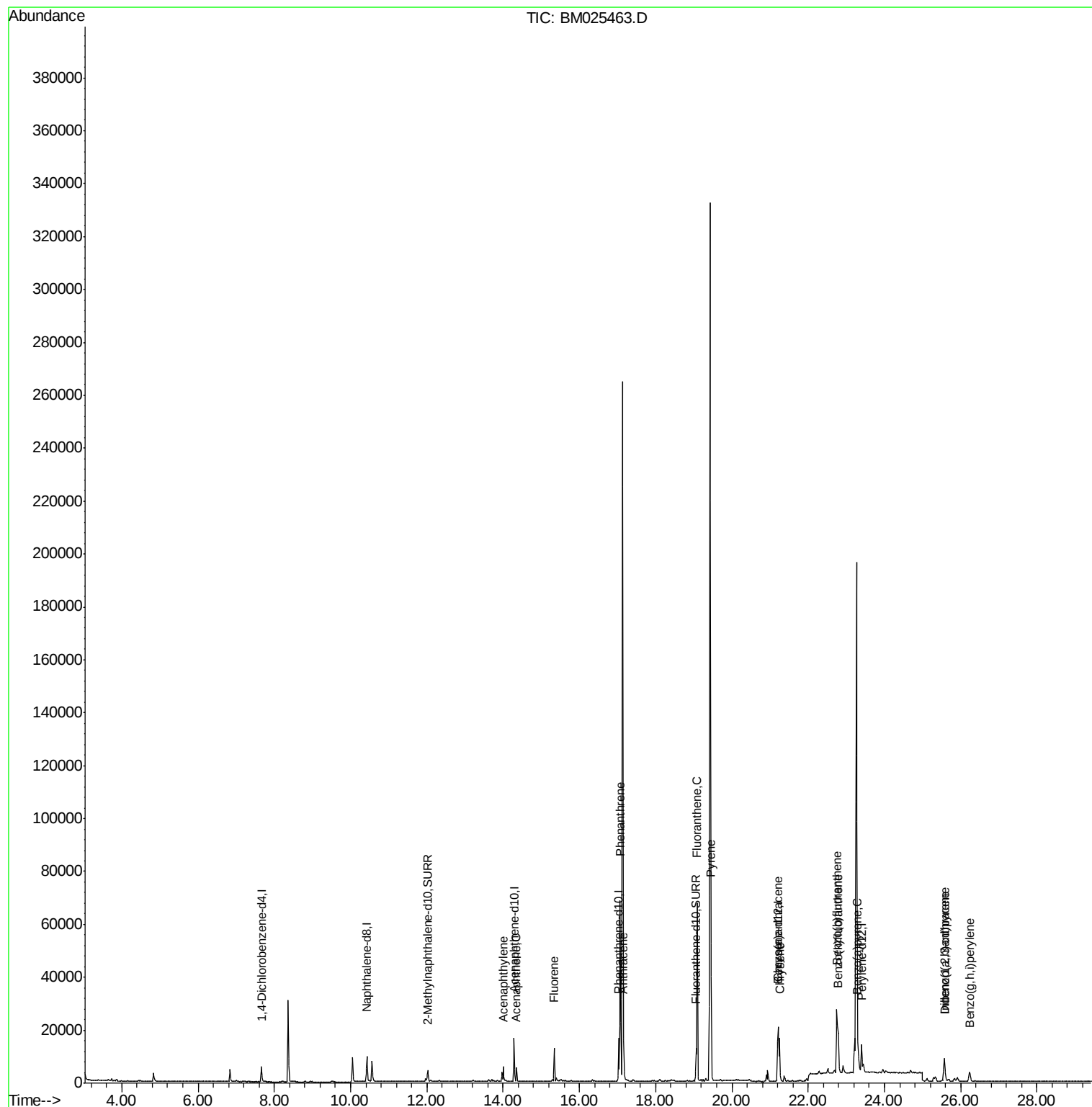
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2904	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12543	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8919	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19445	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13900	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	13212	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5957	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	14266	0.27	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1232	0.034	ng/ul#	88
8) Acenaphthene	14.35	153	2994	0.094	ng/ul	98
9) Fluorene	15.34	166	7893	0.203	ng/ul	100
12) Phenanthrene	17.07	178	70711	1.147	ng/ul	99
13) Anthracene	17.16	178	13721	0.256	ng/ul	98
15) Fluoranthene	19.09	202	57850	0.866	ng/ul	99
17) Pyrene	19.45	202	46891	0.752	ng/ul	98
18) Benzo(a)anthracene	21.20	228	13695	0.276	ng/ul	97
19) Chrysene	21.25	228	18972	0.340	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	39000m	0.745	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	17048m	0.311	ng/ul	
23) Benzo(a)pyrene	23.31	252	12092	0.278	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	14046	0.238	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	3718	0.075	ng/ul#	79
26) Benzo(g,h,i)perylene	26.23	276	7631	0.149	ng/ul#	94

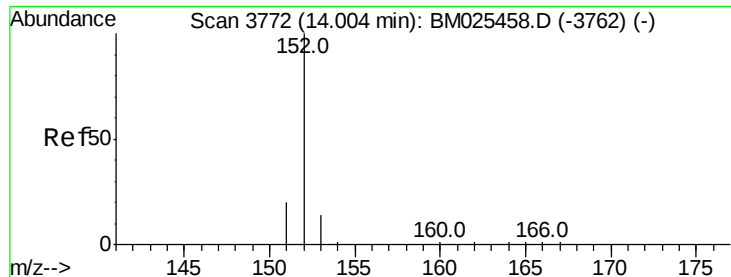
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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QLast Update : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

ClientSampleId :

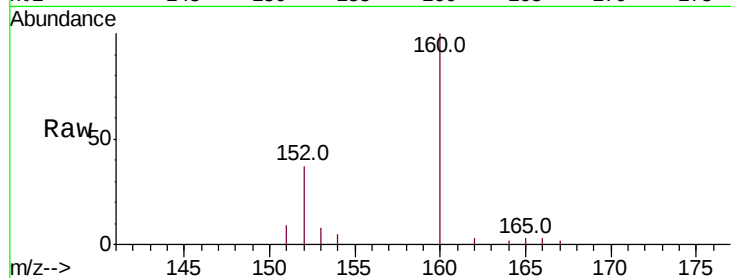
Tot Ion:152 Resp: 1232

Ion Ratio Lower Upper

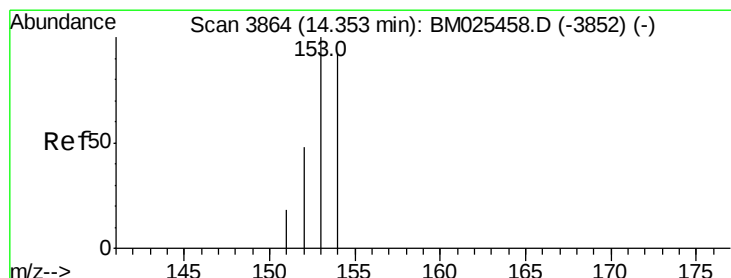
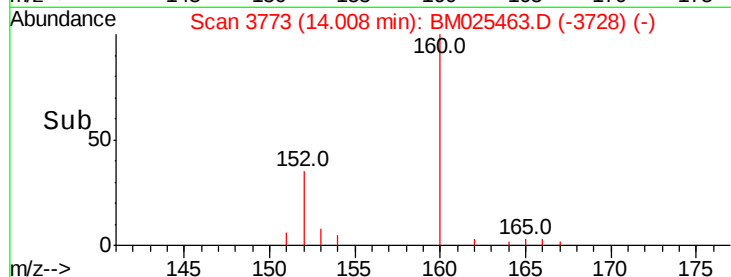
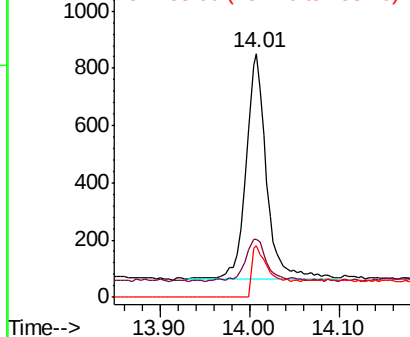
152 100

151 23.9 16.2 24.2

153 21.0 10.6 16.0#



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



#8

Acenaphthene

Concen: 0.094 ng/ul

RT: 14.35 min Scan# 3864

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

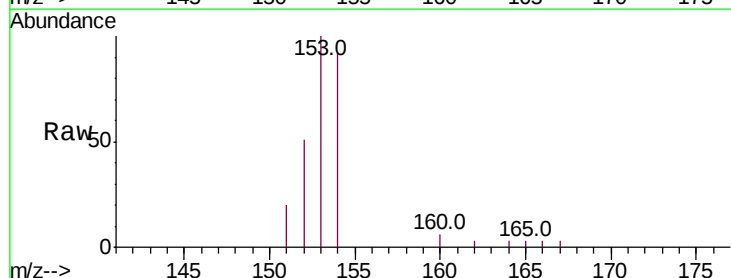
Tgt Ion:153 Resp: 2994

Ion Ratio Lower Upper

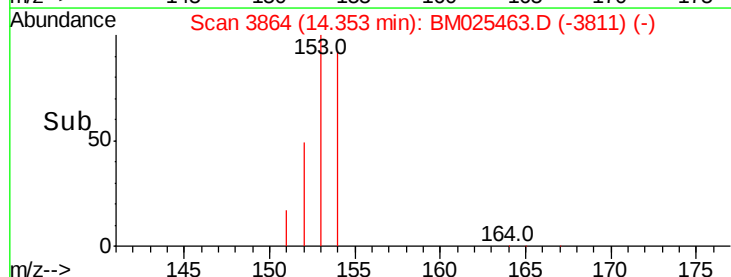
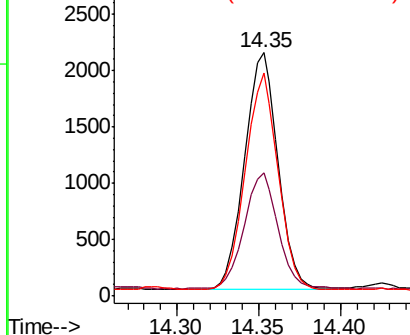
153 100

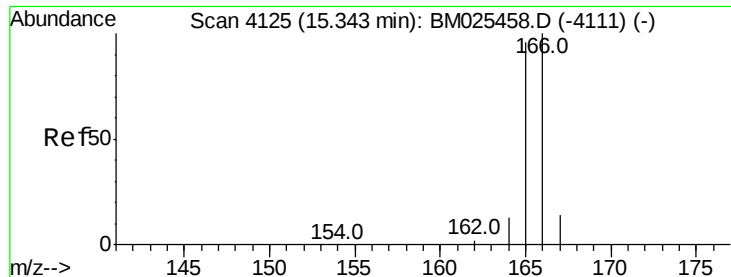
152 50.6 39.5 59.3

154 91.8 71.7 107.5



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: 0.203 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

ClientSampleId :

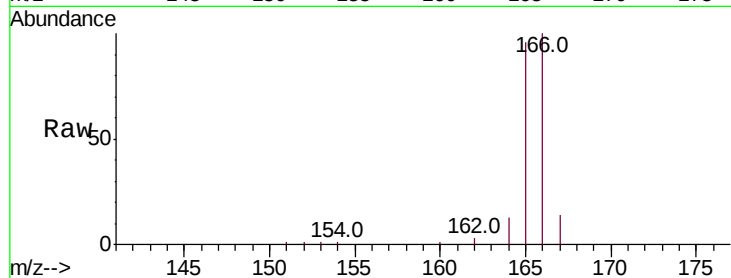
Tot Ion:166 Resp: 7893

Ion Ratio Lower Upper

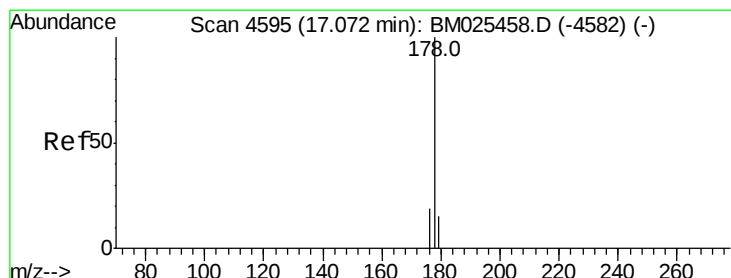
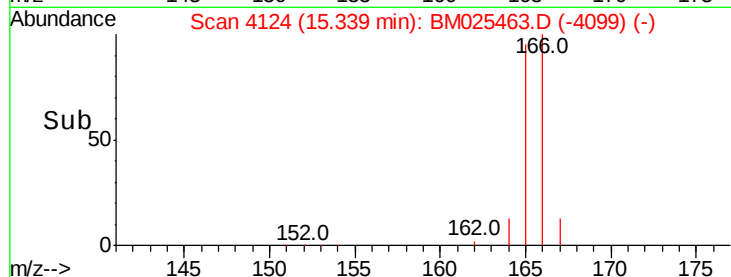
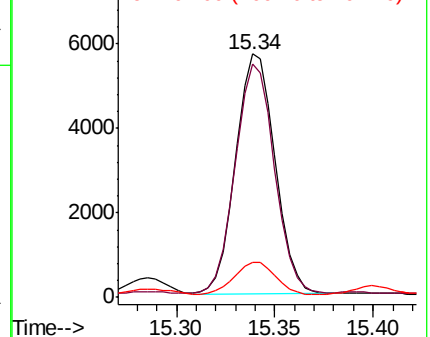
166 100

165 95.8 76.8 115.2

167 14.4 11.2 16.8



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: 1.147 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

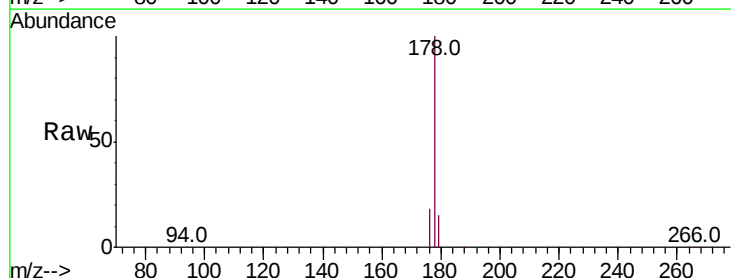
Tgt Ion:178 Resp: 70711

Ion Ratio Lower Upper

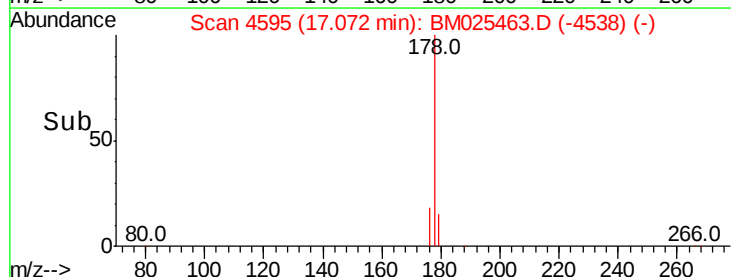
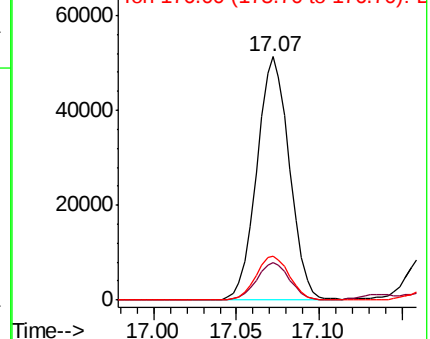
178 100

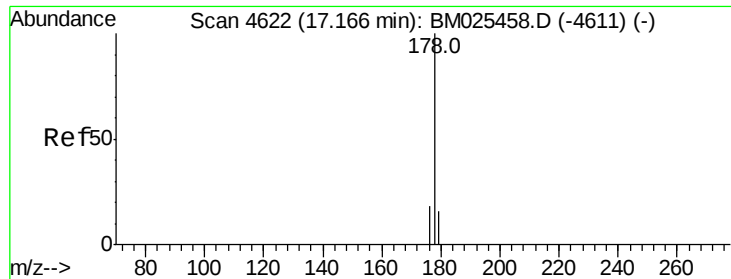
179 15.3 12.4 18.6

176 18.1 14.8 22.2



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: 0.256 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

ClientSampleId :

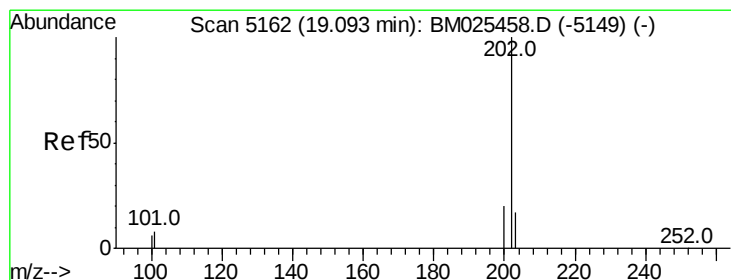
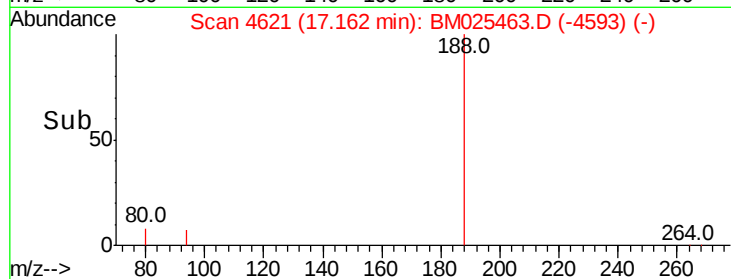
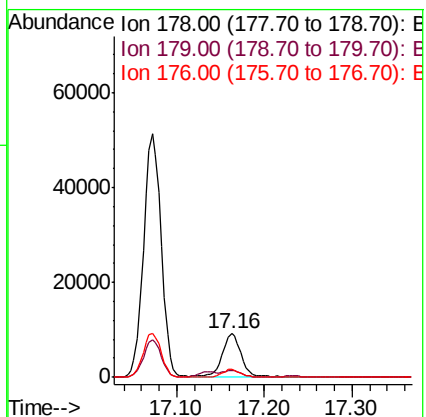
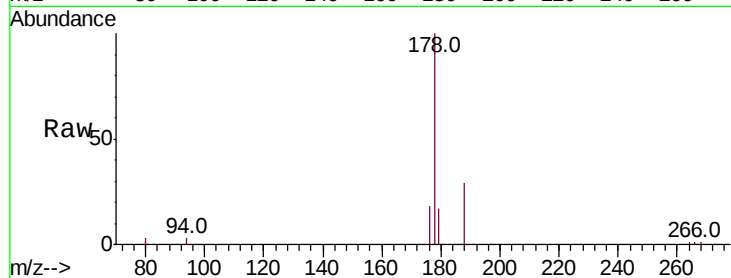
Tot Ion:178 Resp: 13721

Ion Ratio Lower Upper

178 100

179 16.9 12.6 18.8

176 18.2 14.5 21.7



#15

Fluoranthene

Concen: 0.866 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

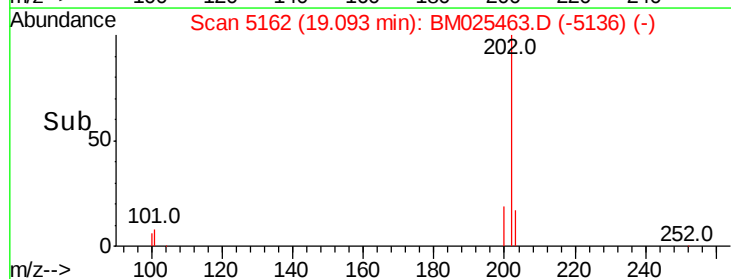
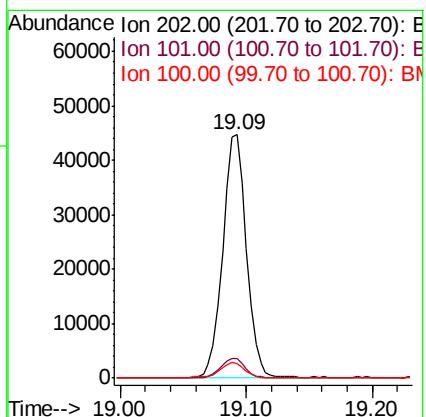
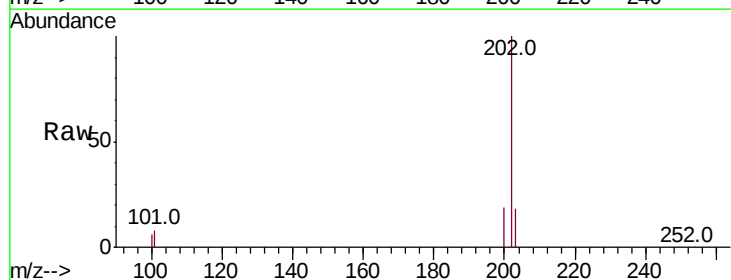
Tgt Ion:202 Resp: 57850

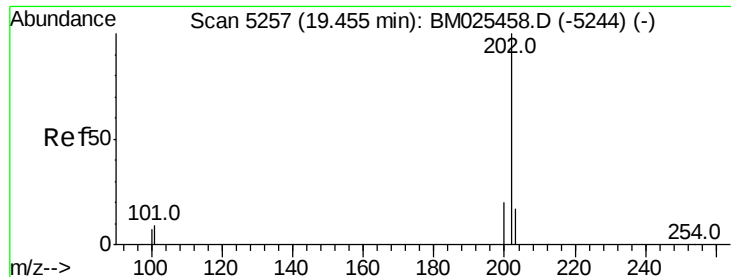
Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.5

100 5.8 0.0 26.0





#17

Pvrene

Concen: 0.752 ng/ul

RT: 19.45 min Scan# 5256

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

ClientSampleId :

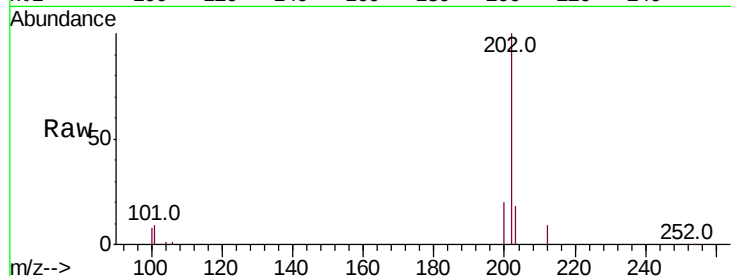
Tot Ion:202 Resp: 46891

Ion Ratio Lower Upper

202 100

101 9.5 7.1 10.7

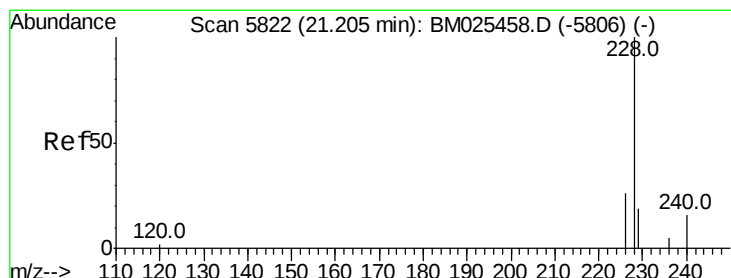
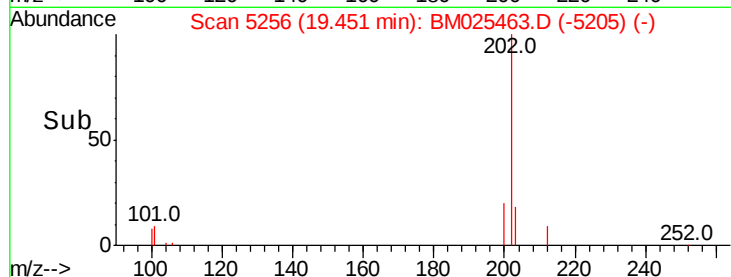
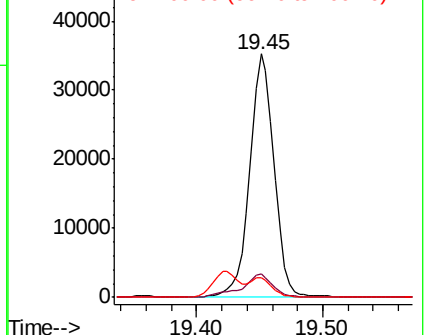
100 8.0 6.0 9.0



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



#18

Benzo(a)anthracene

Concen: 0.276 ng/ul

RT: 21.20 min Scan# 5820

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

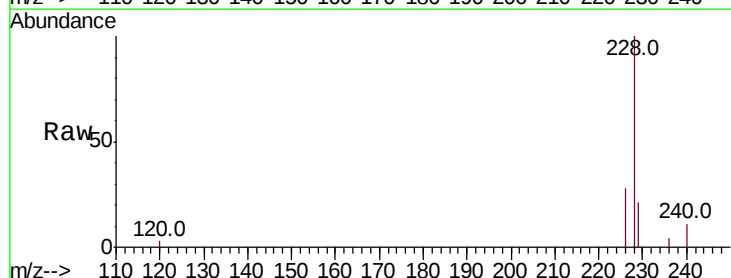
Tgt Ion:228 Resp: 13695

Ion Ratio Lower Upper

228 100

229 20.7 15.6 23.4

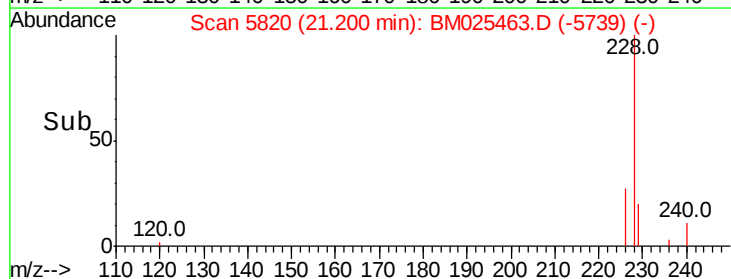
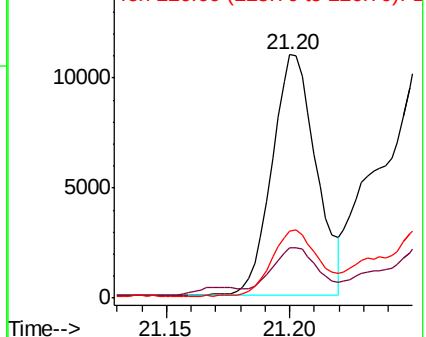
226 27.7 21.1 31.7

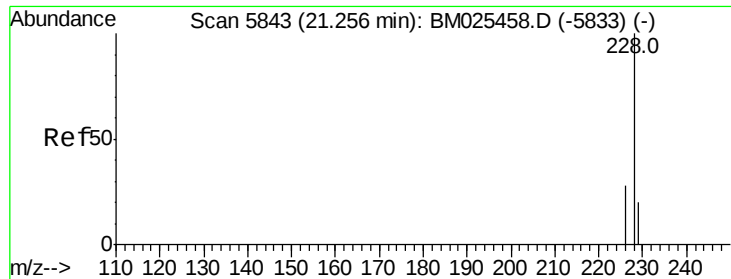


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.340 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

ClientSampled :

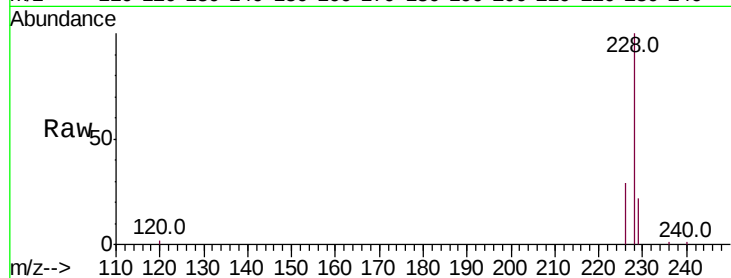
Tot Ion:228 Resp: 18972

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

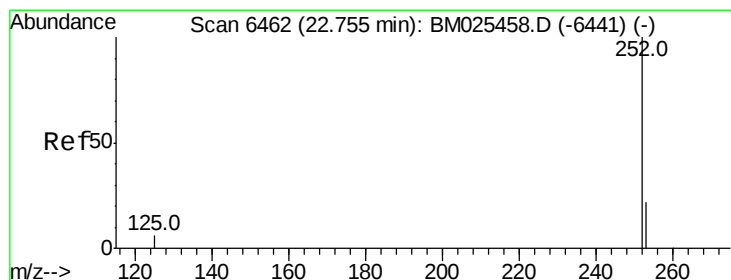
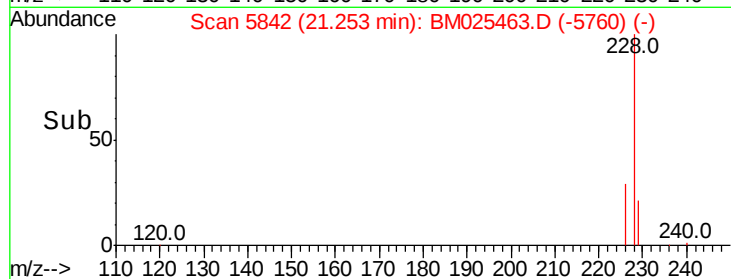
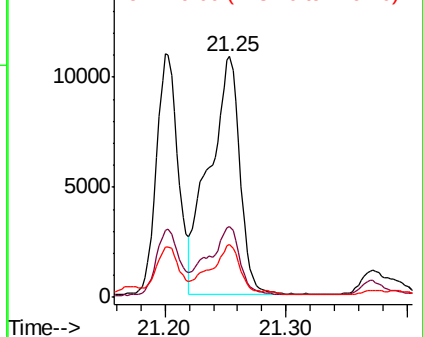
229 21.9 16.3 24.5



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: 0.745 ng/ul m

RT: 22.75 min Scan# 6462

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

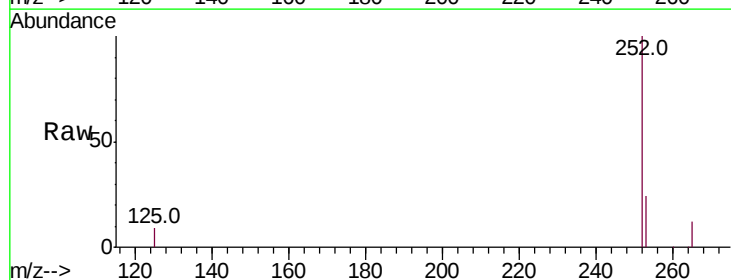
Tgt Ion:252 Resp: 39000

Ion Ratio Lower Upper

252 100

253 24.4 0.0 50.2

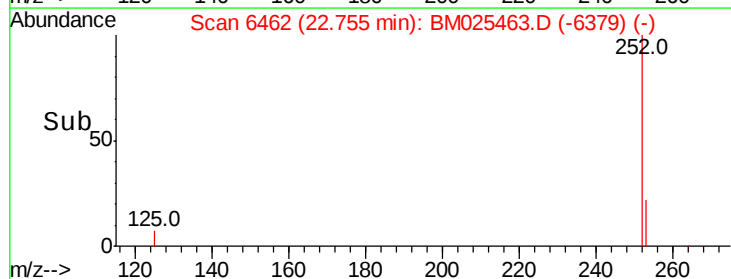
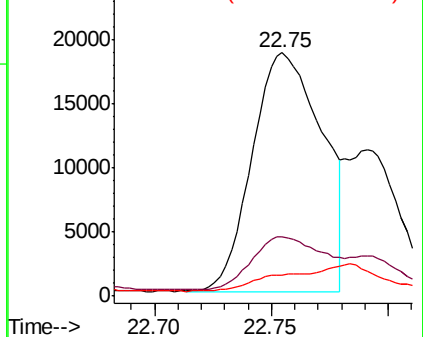
125 8.7 0.0 17.6

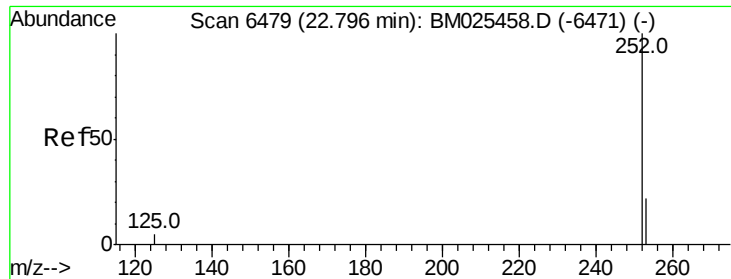


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.311 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. -0.01 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

ClientSampleId :

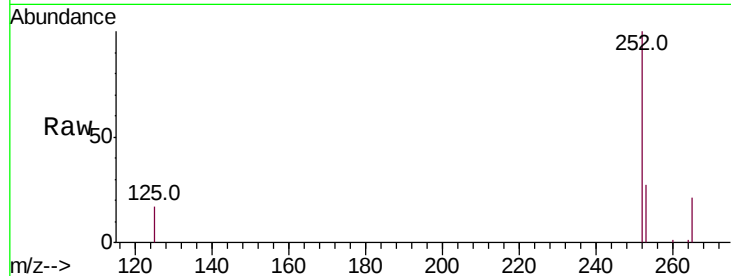
Tot Ion:252 Resp: 17048

Ion Ratio Lower Upper

252 100

253 27.5 19.8 29.8

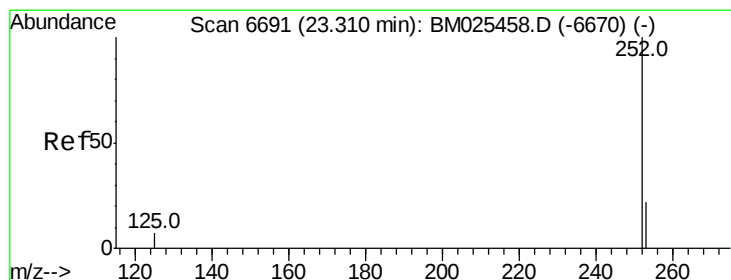
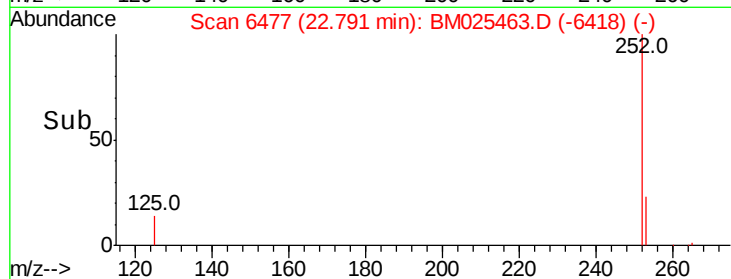
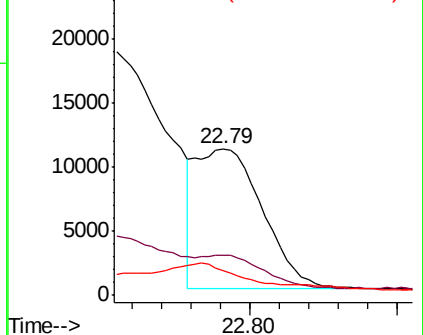
125 17.1 7.1 10.7#



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: 0.278 ng/ul

RT: 23.31 min Scan# 6690

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

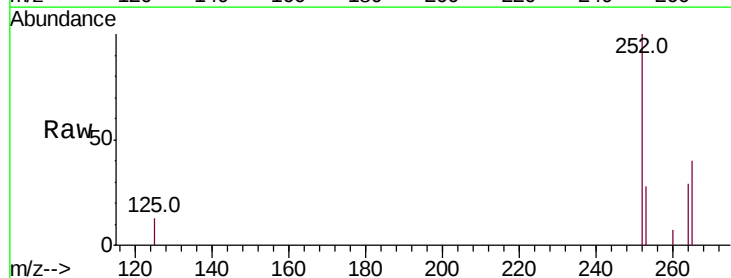
Tgt Ion:252 Resp: 12092

Ion Ratio Lower Upper

252 100

253 28.3 21.3 31.9

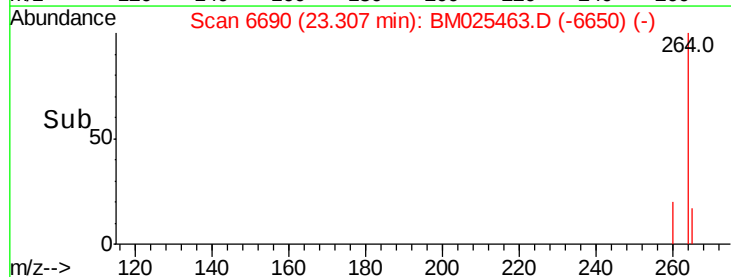
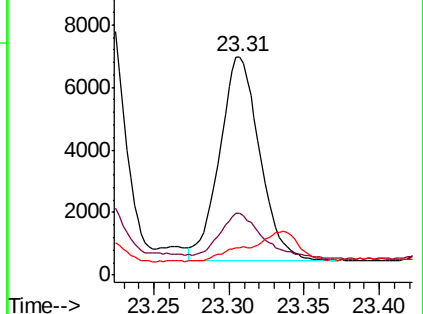
125 12.7 8.5 12.7

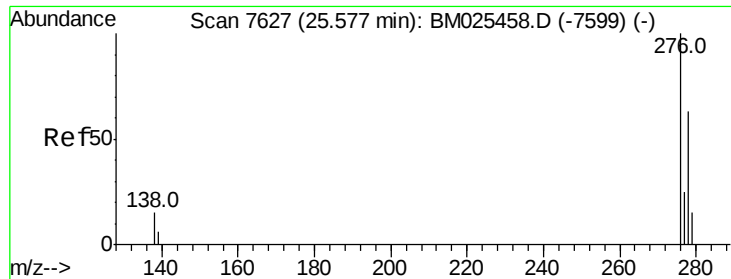


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

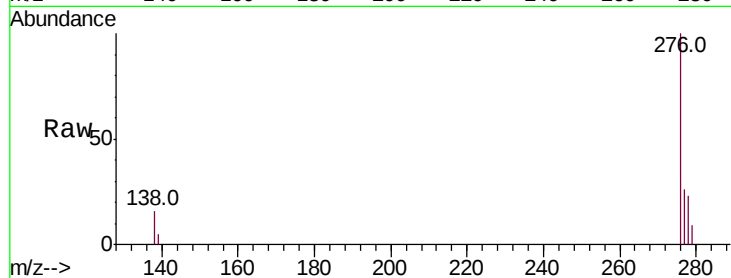




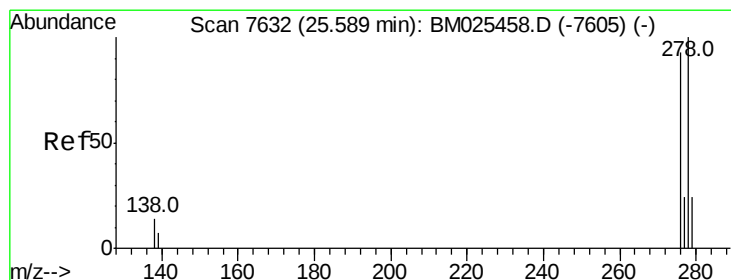
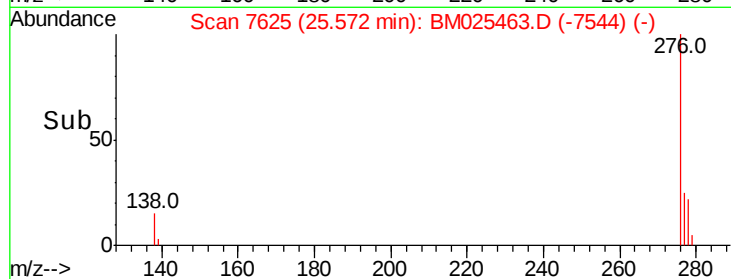
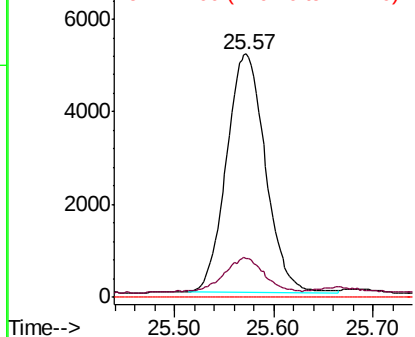
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.238 ng/ul
 RT: 25.57 min Scan# 7625
 Delta R.T. -0.00 min
 Lab File: BM025463.D
 Acq: 10 Mar 2020 21:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 14046
 Ion Ratio Lower Upper
 276 100
 138 14.4 12.3 18.5
 227 0.0 0.0 0.0

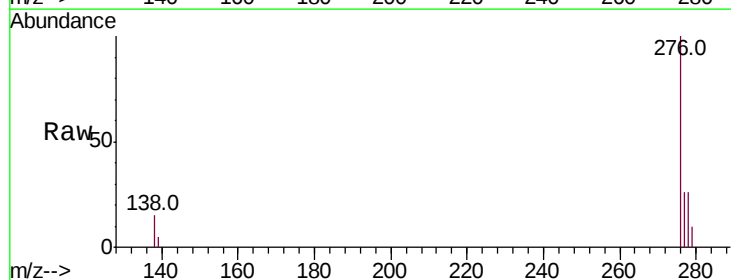


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

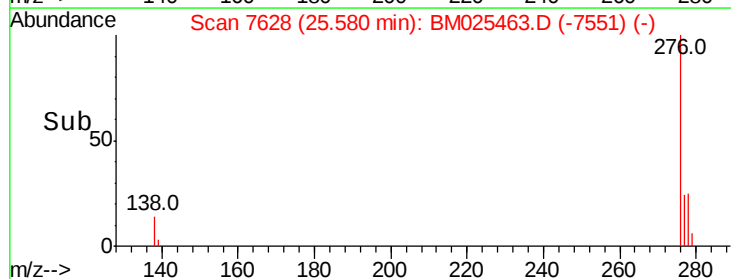
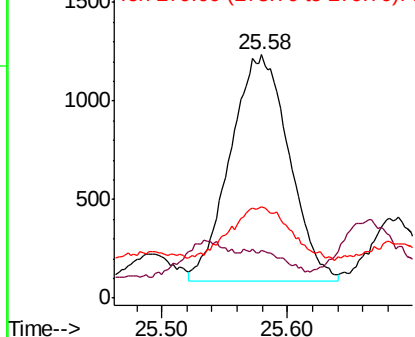


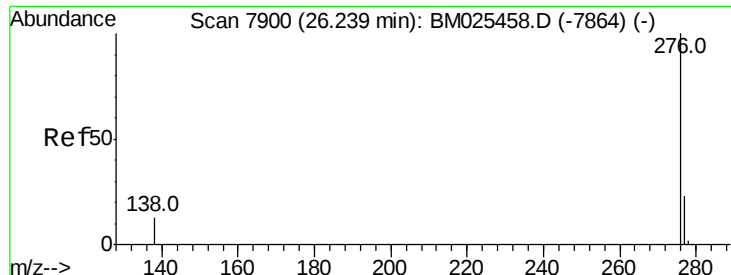
#25
 Dibenzo(a,h)anthracene
 Concen: 0.075 ng/ul
 RT: 25.58 min Scan# 7628
 Delta R.T. -0.01 min
 Lab File: BM025463.D
 Acq: 10 Mar 2020 21:28

Tgt Ion:278 Resp: 3718
 Ion Ratio Lower Upper
 278 100
 139 19.7 9.0 13.6#
 279 37.3 21.1 31.7#



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(a,h,i)perylene

Concen: 0.149 ng/ul

RT: 26.23 min Scan# 7897

Delta R.T. -0.01 min

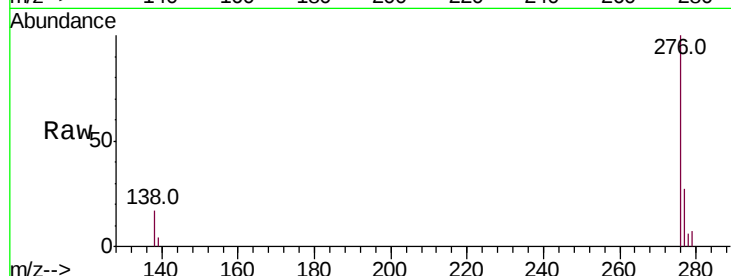
Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

ClientSampleId :



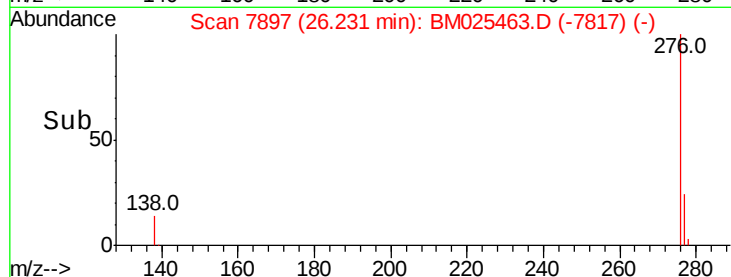
Tot Ion:276 Resp: 7631

Ion Ratio Lower Upper

276 100

138 17.3 11.0 16.4#

277 26.8 19.8 29.6



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

