

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025641.D
 Acq On : 18 Mar 2020 22:58
 Operator : CG/JU
 Sample : L1786-07DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 19 00:09:13 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 : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

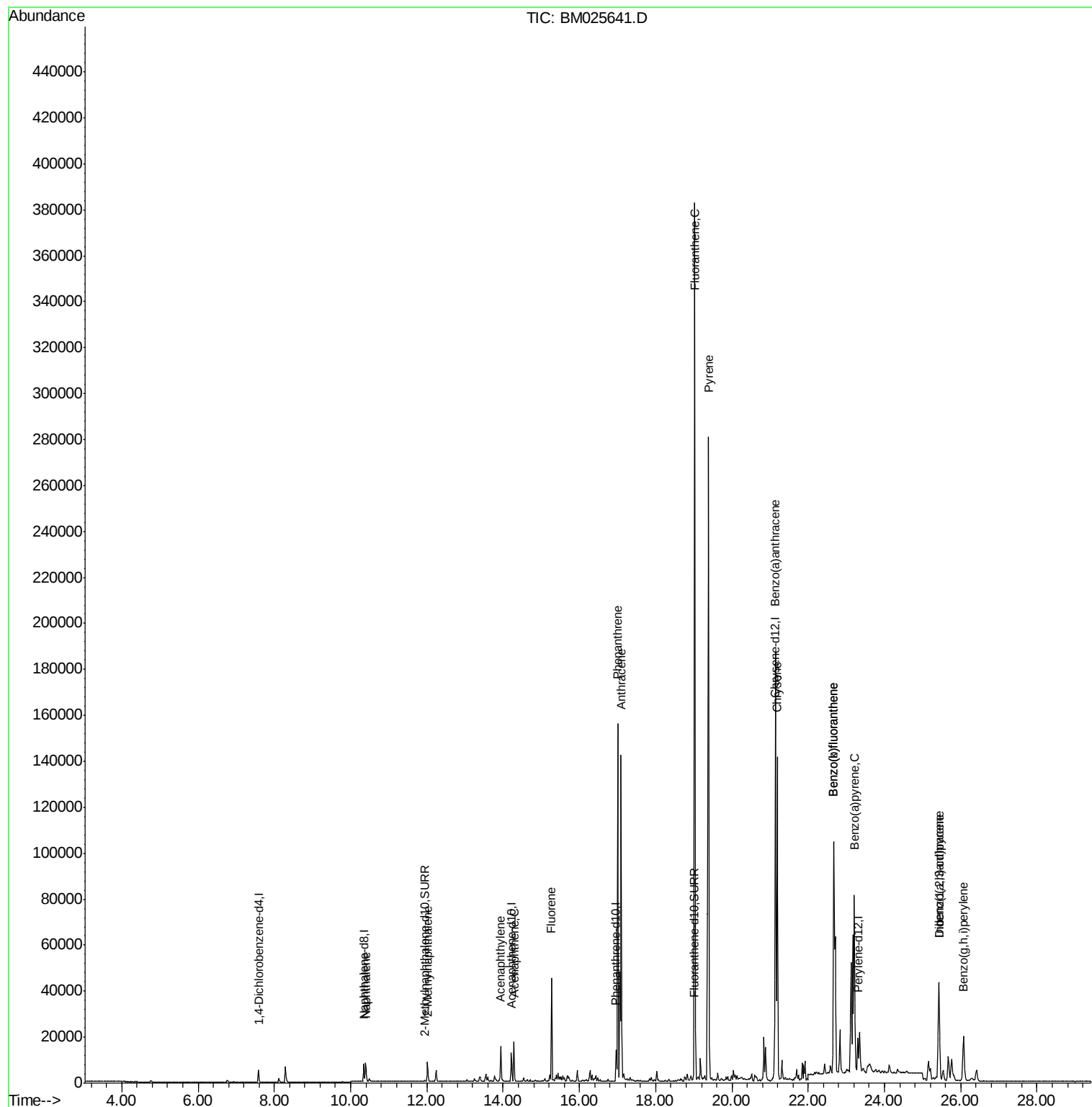
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2590	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10462	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6665	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15383	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	16199	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	17271	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	691	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1955	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	11029	0.356	ng/ul	100
5) 2-Methylnaphthalene	12.02	142	6318	0.285	ng/ul	99
7) Acenaphthylene	13.94	152	17647	0.648	ng/ul#	86
8) Acenaphthene	14.28	153	9638	0.404	ng/ul	99
9) Fluorene	15.27	166	27522	0.946	ng/ul	99
12) Phenanthrene	17.00	178	153858	3.156	ng/ul	100
13) Anthracene	17.09	178	142810	3.366	ng/ul	99
15) Fluoranthene	19.03	202	325237	6.154	ng/ul	99
17) Pyrene	19.39	202	237072	3.261	ng/ul	99
18) Benzo(a)anthracene	21.14	228	147743	2.551	ng/ul	98
19) Chrysene	21.19	228	131805	2.027	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	225833	3.302	ng/ul	96
22) Benzo(k)fluoranthene	22.67	252	225833	3.152	ng/ul	97
23) Benzo(a)pyrene	23.21	252	103709	1.826	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.43	276	63366	0.822	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.44	278	20404	0.315	ng/ul	95
26) Benzo(a,h,i)perylene	26.07	276	39988	0.598	ng/ul	98

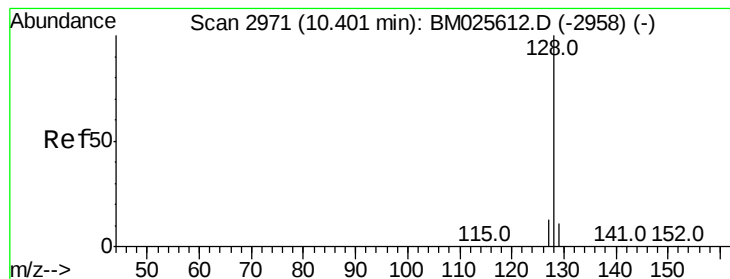
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.356 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

Instrument :

BNA_M

ClientSampleId :

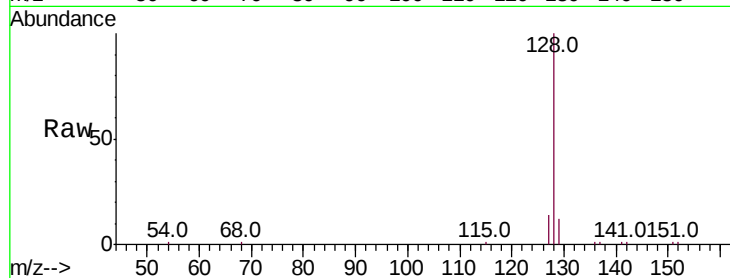
Tot Ion:128 Resp: 11029

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

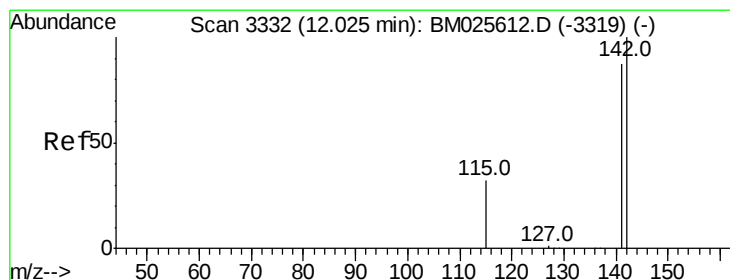
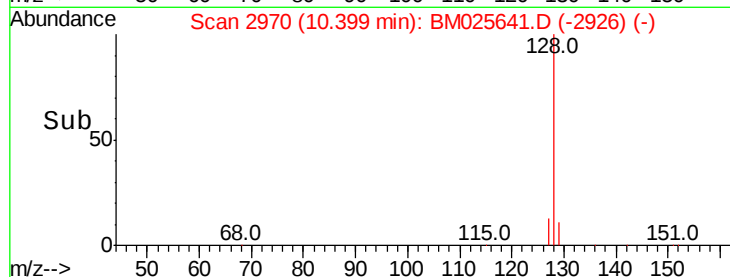
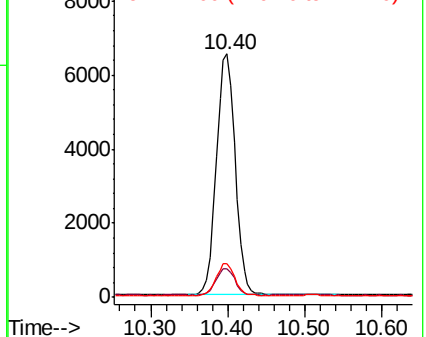
127 13.7 10.9 16.3



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: 0.285 ng/ul

RT: 12.02 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BM025641.D

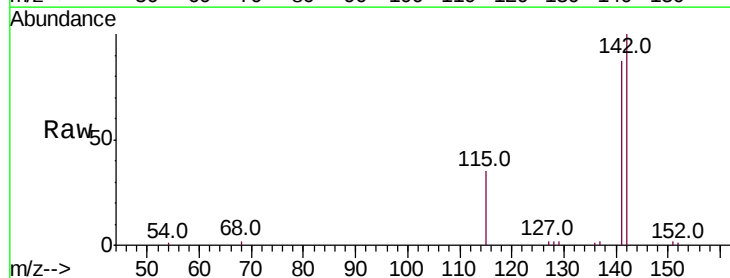
Acq: 18 Mar 2020 22:58

Tgt Ion:142 Resp: 6318

Ion Ratio Lower Upper

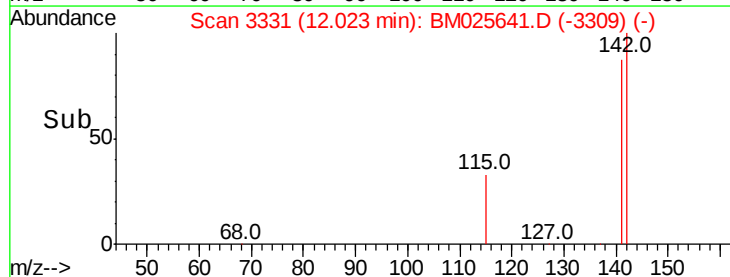
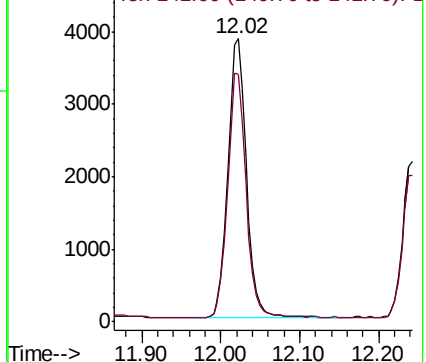
142 100

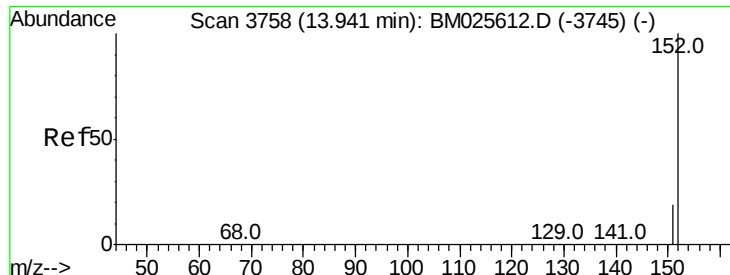
141 86.2 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.648 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

Instrument :

BNA_M

ClientSampleId :

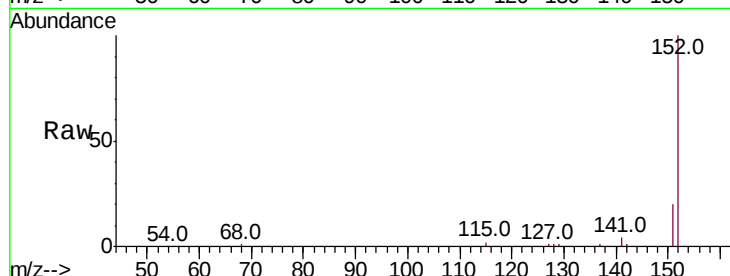
Tot Ion:152 Resp: 17647

Ion Ratio Lower Upper

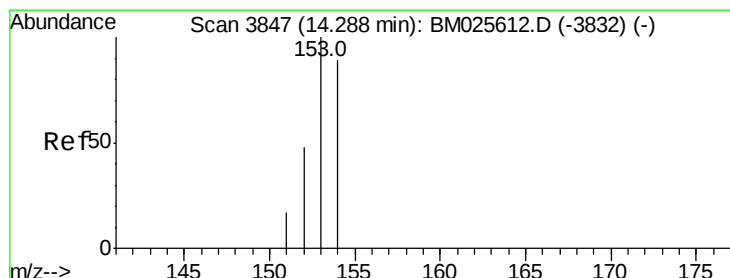
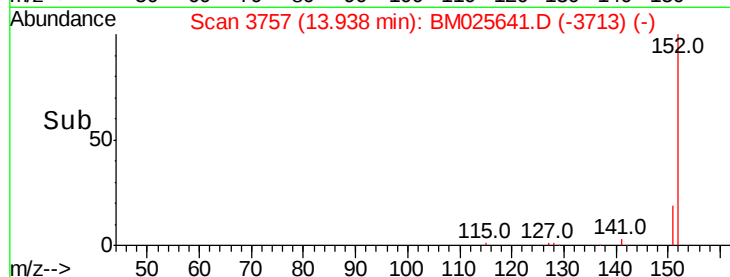
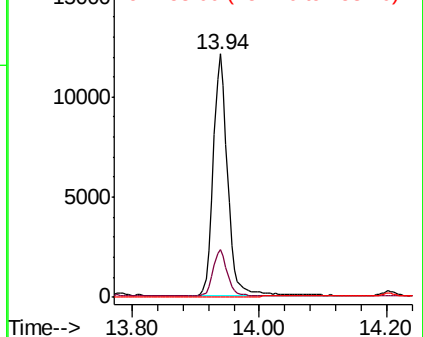
152 100

151 19.7 16.2 24.2

153 0.0 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: 0.404 ng/ul

RT: 14.28 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

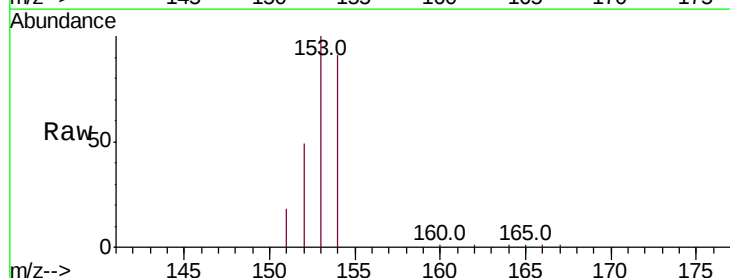
Tgt Ion:153 Resp: 9638

Ion Ratio Lower Upper

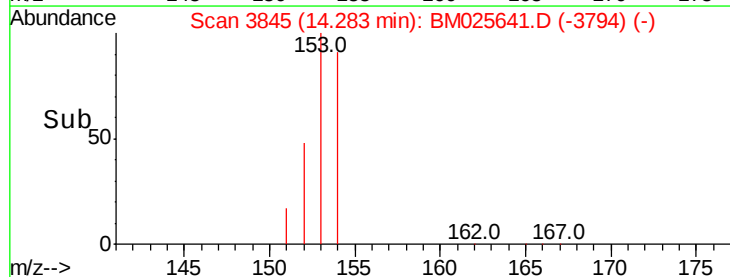
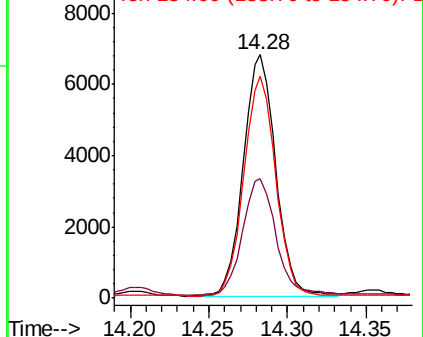
153 100

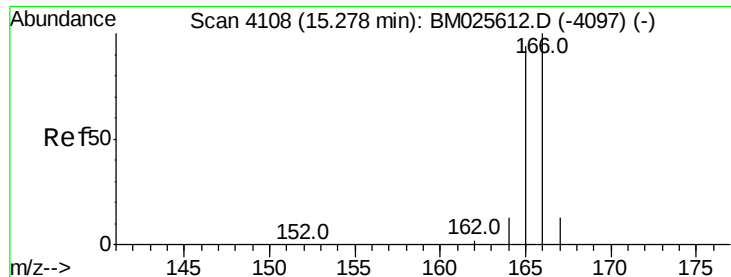
152 49.1 39.5 59.3

154 91.0 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

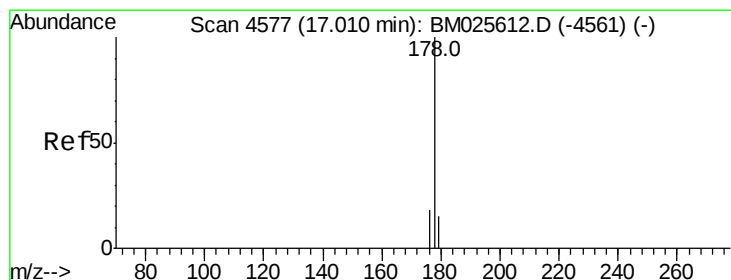
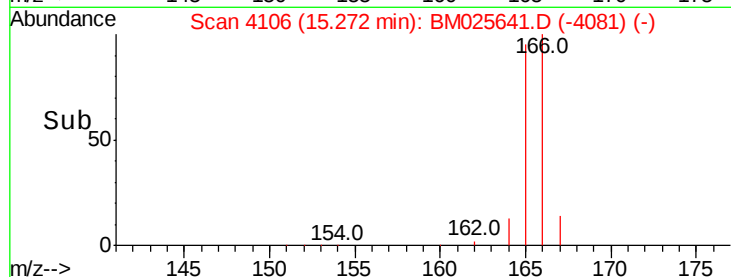
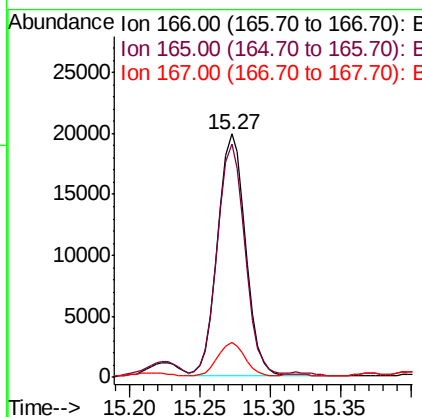
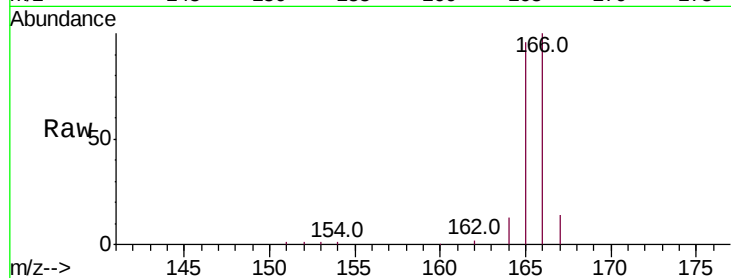




#9
Fluorene
 Concen: 0.946 ng/ul
 RT: 15.27 min Scan# 4106
 Delta R.T. -0.01 min
 Lab File: BM025641.D
 Acq: 18 Mar 2020 22:58

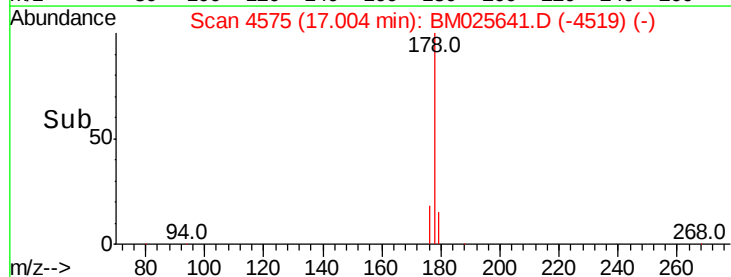
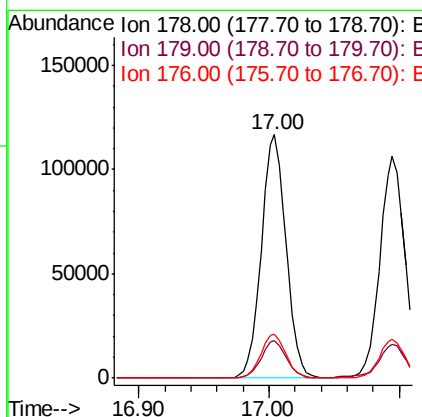
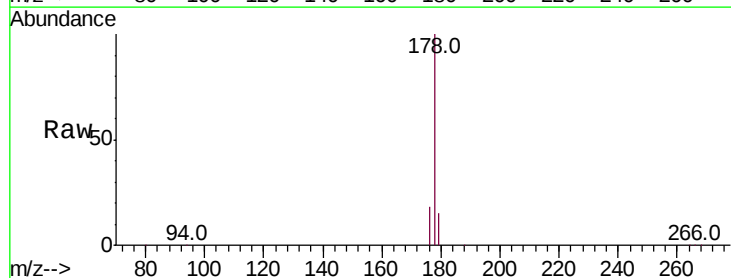
Instrument :
 BNA_M
 ClientSampleId :

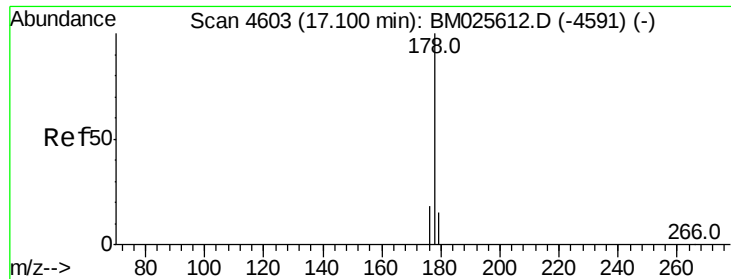
Tot Ion:166 Resp: 27522
 Ion Ratio Lower Upper
 166 100
 165 95.6 76.8 115.2
 167 14.5 11.2 16.8



#12
Phenanthrene
 Concen: 3.156 ng/ul
 RT: 17.00 min Scan# 4575
 Delta R.T. -0.01 min
 Lab File: BM025641.D
 Acq: 18 Mar 2020 22:58

Tgt Ion:178 Resp: 153858
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.4 18.6
 176 18.2 14.8 22.2





#13

Anthracene

Concen: 3.366 ng/ul

RT: 17.09 min Scan# 4601

Delta R.T. -0.01 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

Instrument :

BNA_M

ClientSampleId :

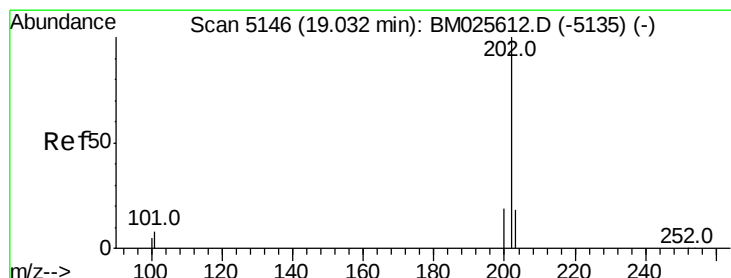
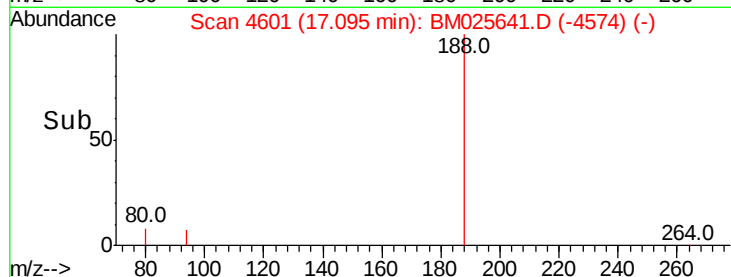
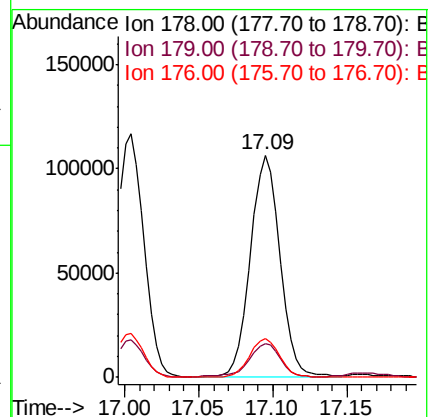
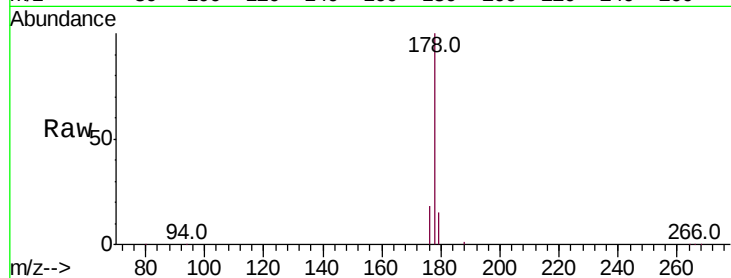
Tot Ion:178 Resp: 142810

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 17.6 14.5 21.7



#15

Fluoranthene

Concen: 6.154 ng/ul

RT: 19.03 min Scan# 5144

Delta R.T. -0.01 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

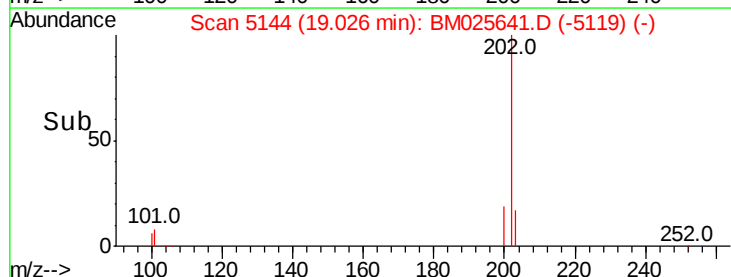
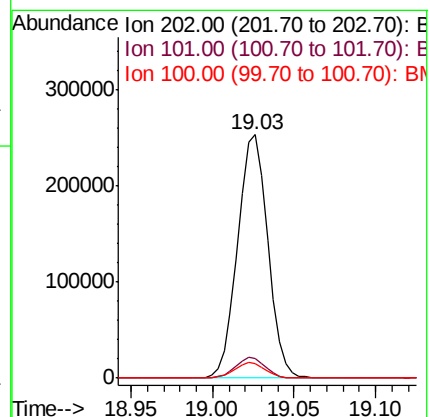
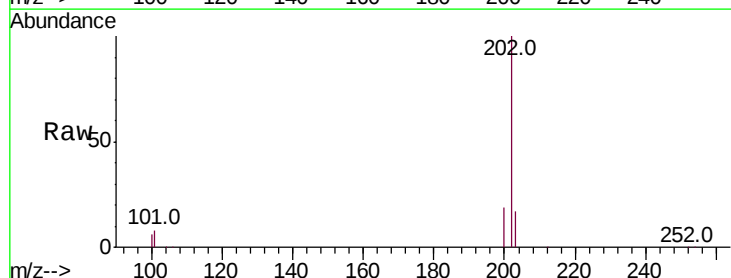
Tgt Ion:202 Resp: 325237

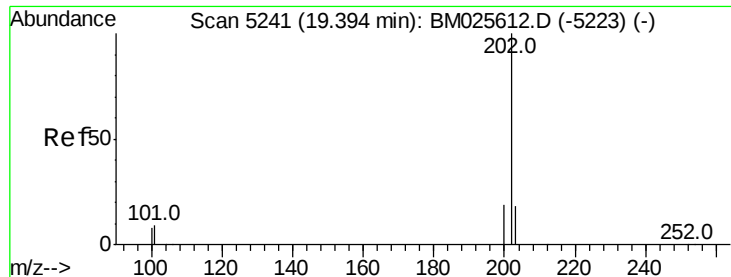
Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.5

100 6.1 0.0 26.0

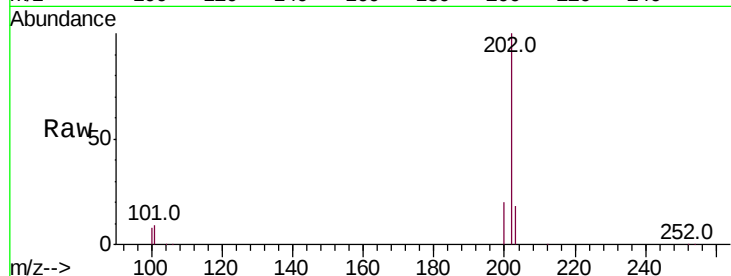




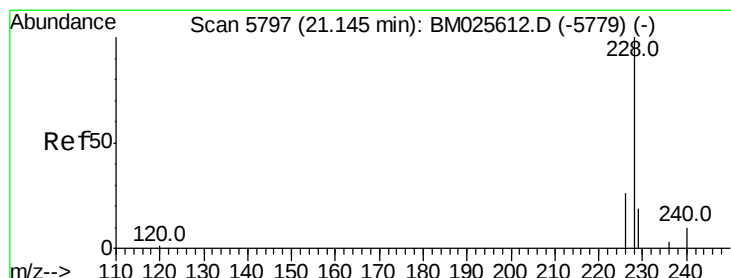
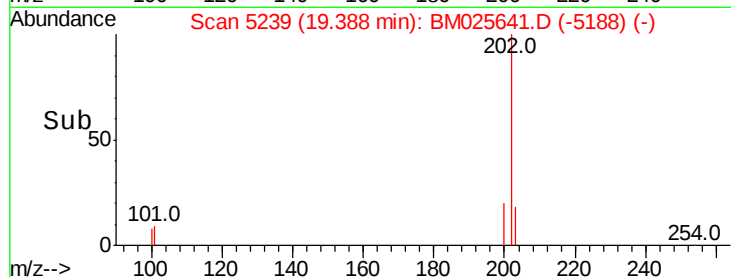
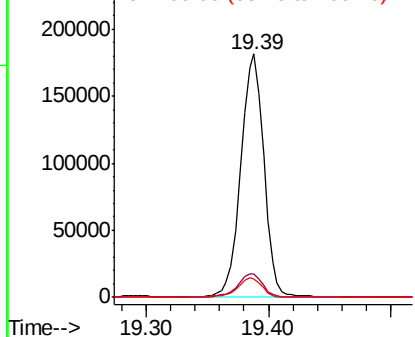
#17
Pvrene
Concen: 3.261 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025641.D
Acq: 18 Mar 2020 22:58

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.1	10.7
100	7.6	6.0	9.0

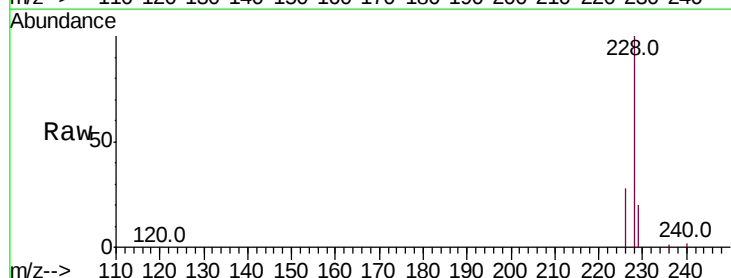


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

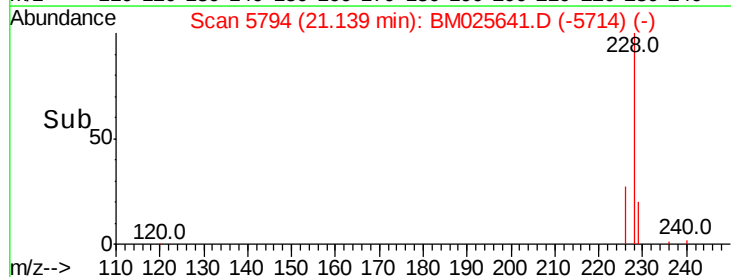
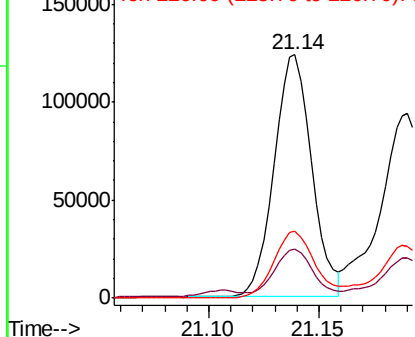


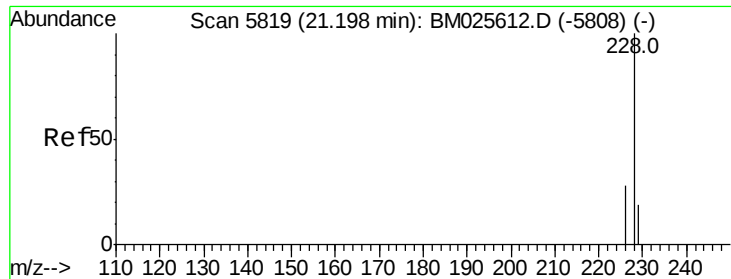
#18
Benzo(a)anthracene
Concen: 2.551 ng/ul
RT: 21.14 min Scan# 5794
Delta R.T. -0.01 min
Lab File: BM025641.D
Acq: 18 Mar 2020 22:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	27.5	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: 2.027 ng/ul

RT: 21.19 min Scan# 5815

Delta R.T. -0.01 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

Instrument :

BNA_M

ClientSampleId :

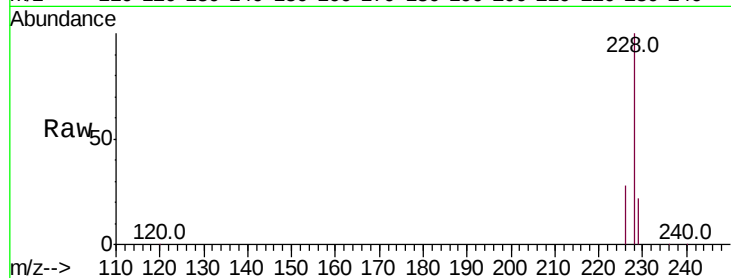
Tot Ion:228 Resp: 131805

Ion Ratio Lower Upper

228 100

226 28.3 23.6 35.4

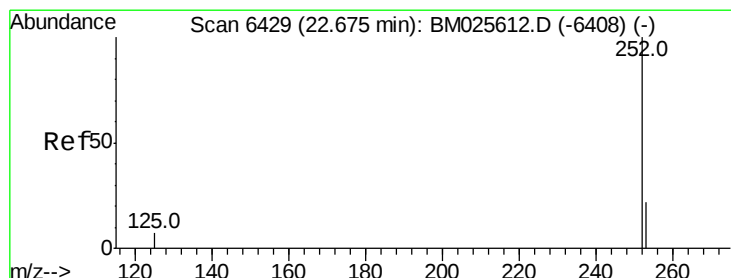
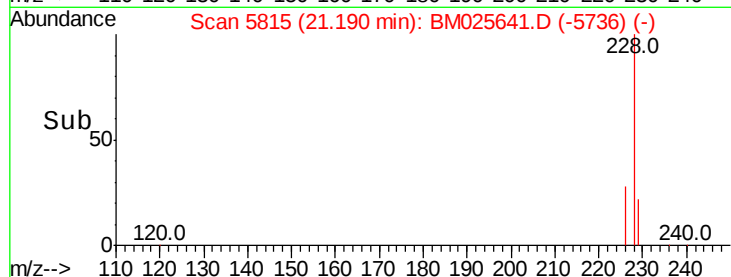
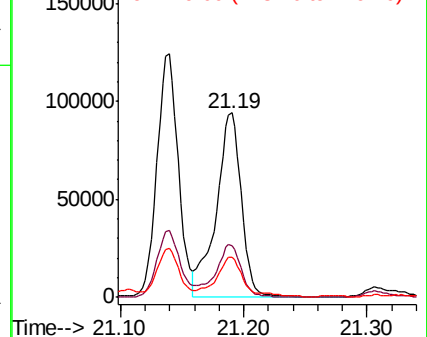
229 21.9 16.3 24.5



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: 3.302 ng/ul

RT: 22.67 min Scan# 6426

Delta R.T. -0.01 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

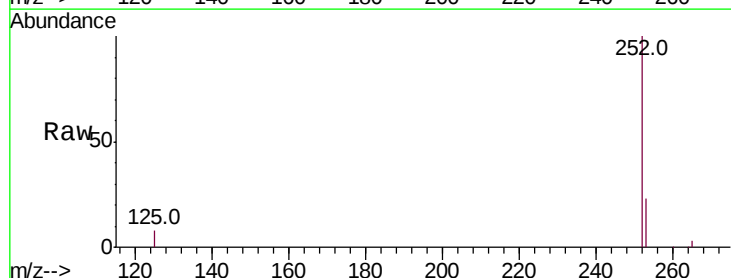
Tgt Ion:252 Resp: 225833

Ion Ratio Lower Upper

252 100

253 23.0 0.0 50.2

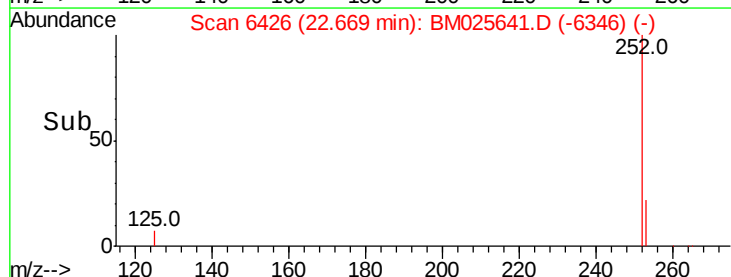
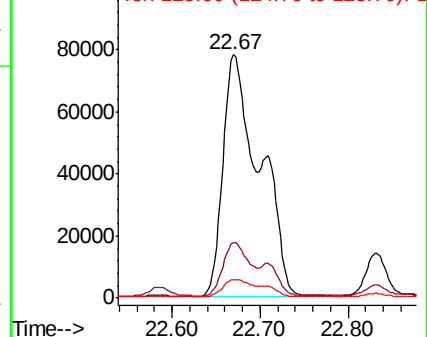
125 7.7 0.0 17.6

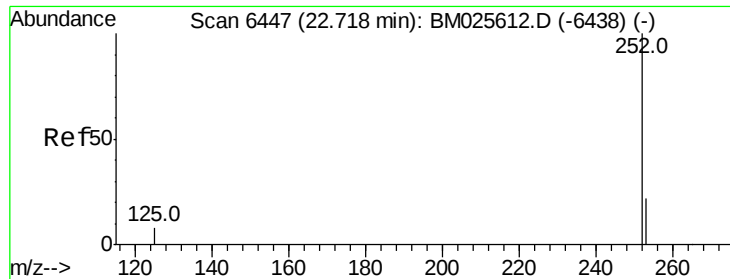


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.152 ng/ul

RT: 22.67 min Scan# 6426

Delta R.T. -0.05 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

Instrument :

BNA_M

ClientSampleId :

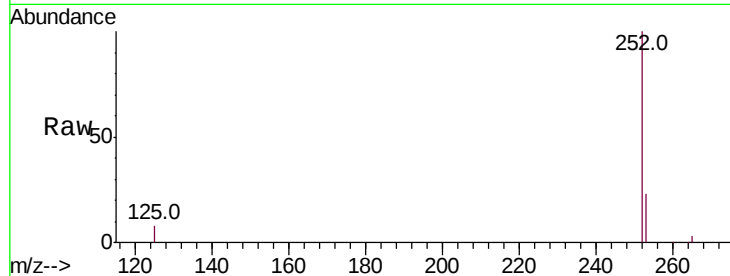
Tot Ion:252 Resp: 225833

Ion Ratio Lower Upper

252 100

253 23.0 19.8 29.8

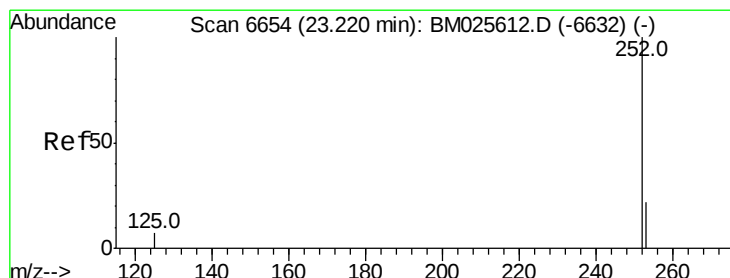
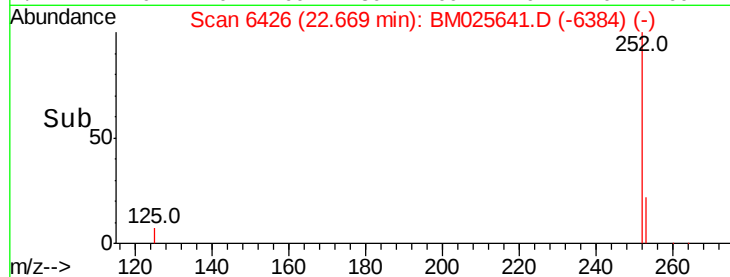
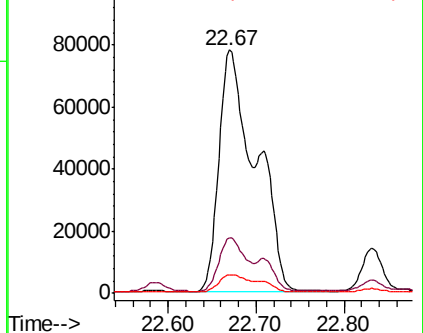
125 7.7 7.1 10.7



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: 1.826 ng/ul

RT: 23.21 min Scan# 6649

Delta R.T. -0.01 min

Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

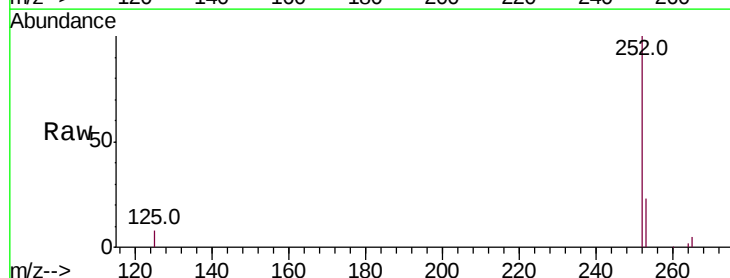
Tgt Ion:252 Resp: 103709

Ion Ratio Lower Upper

252 100

253 23.0 21.3 31.9

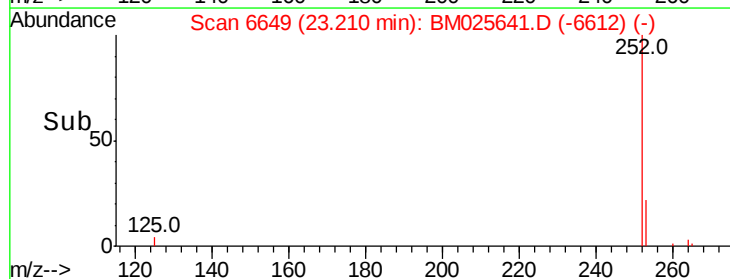
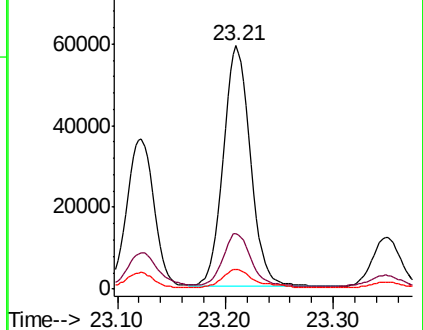
125 8.0 8.5 12.7#

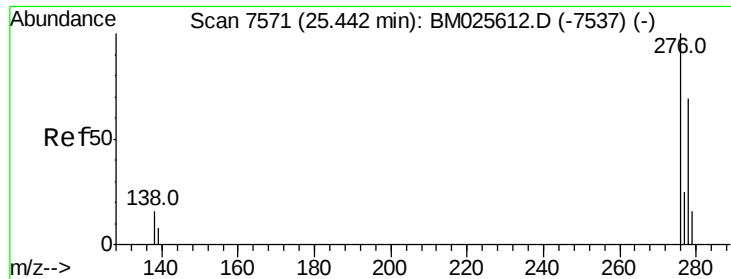


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



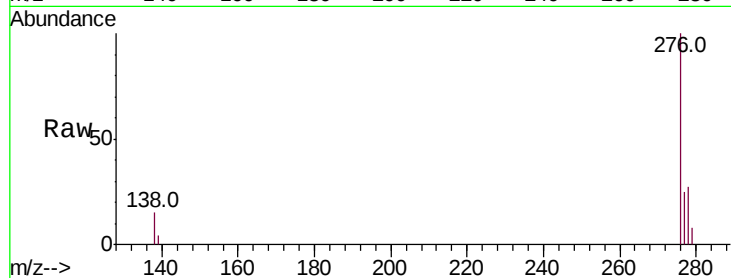


#24

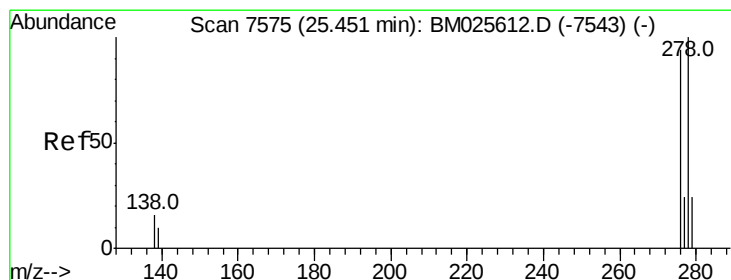
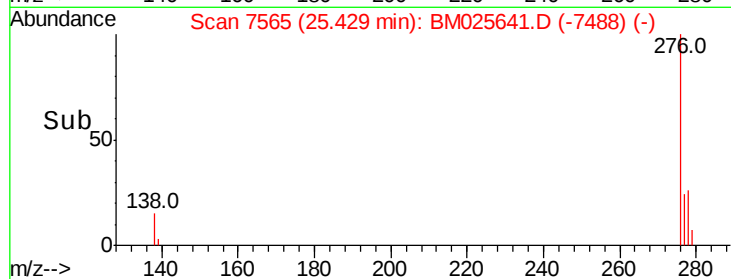
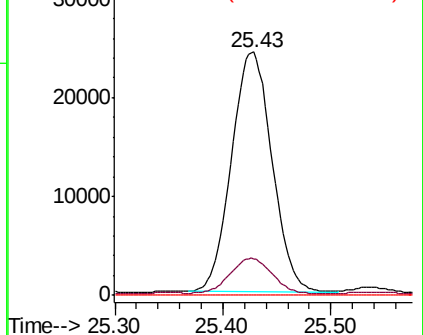
Indeno(1,2,3-cd)pyrene
Concen: 0.822 ng/ul
RT: 25.43 min Scan# 7565
Delta R.T. -0.01 min
Lab File: BM025641.D
Acq: 18 Mar 2020 22:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 63366
Ion Ratio Lower Upper
276 100
138 15.3 12.3 18.5
227 0.0 0.0 0.0



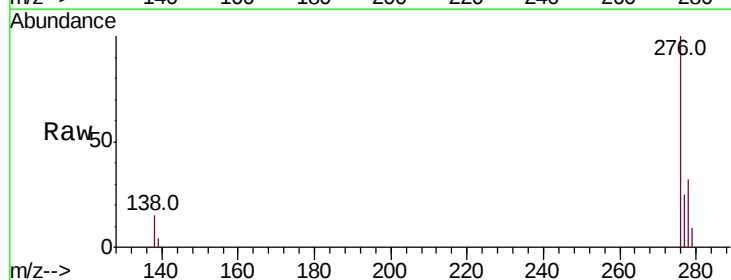
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



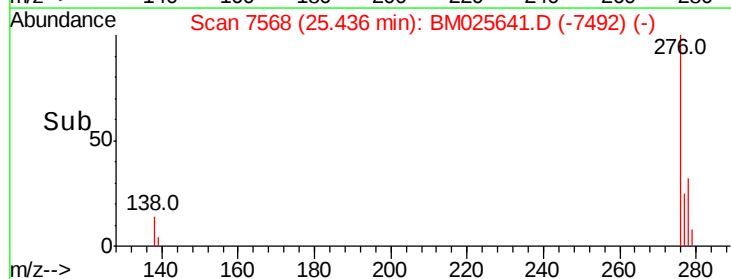
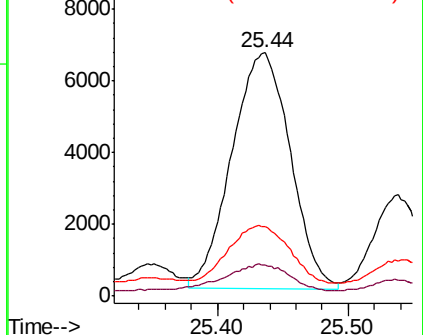
#25

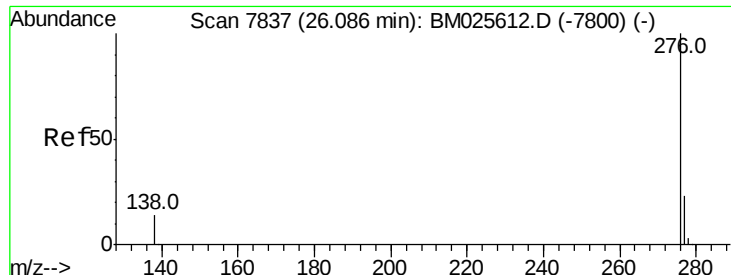
Dibenzo(a,h)anthracene
Concen: 0.315 ng/ul
RT: 25.44 min Scan# 7568
Delta R.T. -0.02 min
Lab File: BM025641.D
Acq: 18 Mar 2020 22:58

Tgt Ion:278 Resp: 20404
Ion Ratio Lower Upper
278 100
139 13.0 9.0 13.6
279 28.7 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: 0.598 ng/ul

RT: 26.07 min Scan# 7831

Delta R.T. -0.01 min

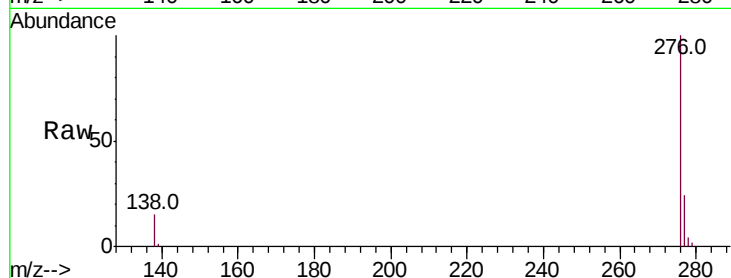
Lab File: BM025641.D

Acq: 18 Mar 2020 22:58

Instrument :

BNA_M

ClientSampleId :



Tot Ion:276 Resp: 39988

Ion Ratio Lower Upper

276 100

138 15.1 11.0 16.4

277 24.0 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

