

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025464.D
 Acq On : 10 Mar 2020 22:04
 Operator : CG/JU
 Sample : L1617-14
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 00:12:19 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

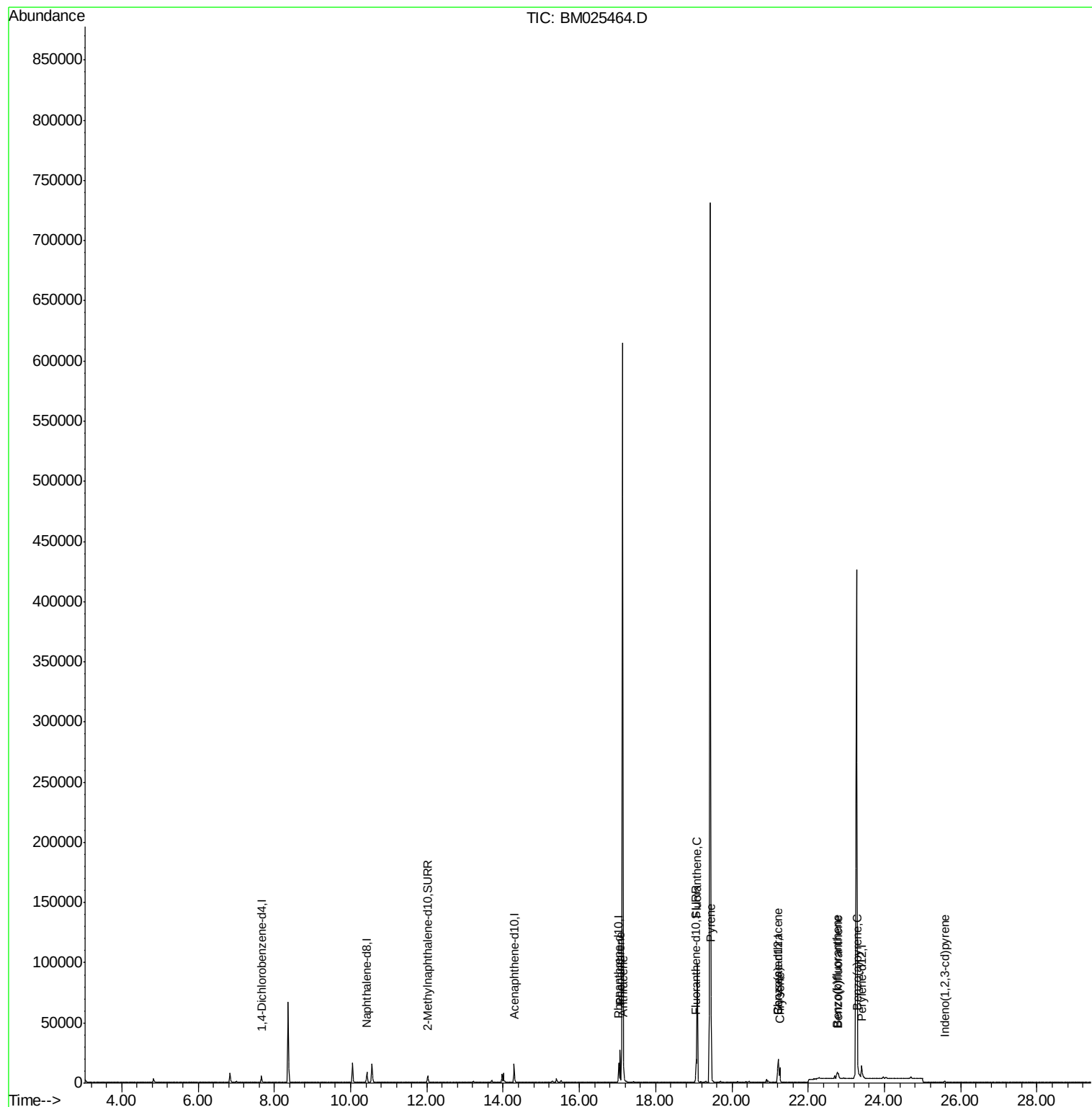
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2676	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	11644	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8435	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19081	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13994	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	12696	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7718	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	21080	0.40	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.07	178	27315	0.452	ng/ul	99
13) Anthracene	17.16	178	7834	0.149	ng/ul	97
15) Fluoranthene	19.09	202	87708	1.338	ng/ul	98
17) Pyrene	19.45	202	59494	0.947	ng/ul	100
18) Benzo(a)anthracene	21.20	228	12942	0.259	ng/ul	99
19) Chrysene	21.26	228	12642	0.225	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	9305m	0.185	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	2880m	0.055	ng/ul	
23) Benzo(a)pyrene	23.31	252	2938	0.070	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	25.58	276	1600	0.028	ng/ul#	63

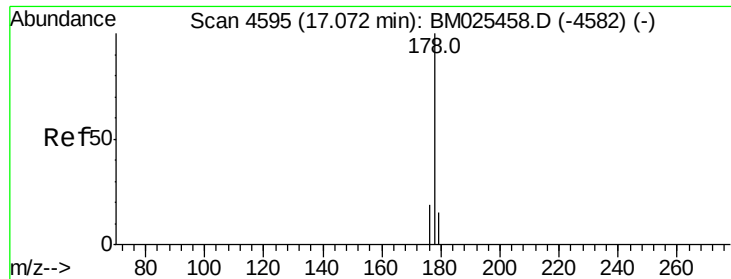
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.452 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025464.D

Acq: 10 Mar 2020 22:04

Instrument :

BNA_M

ClientSampleId :

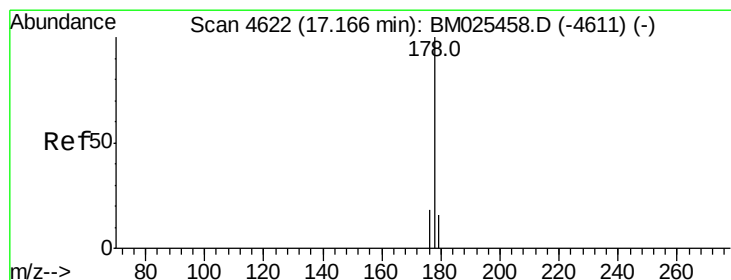
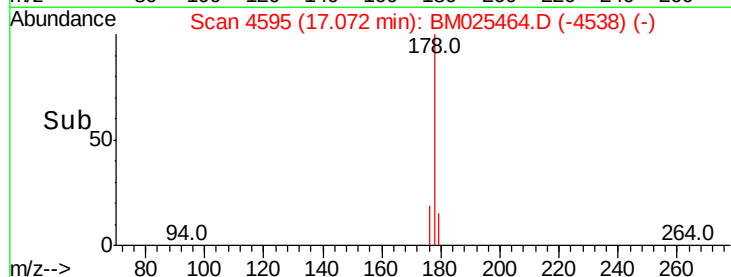
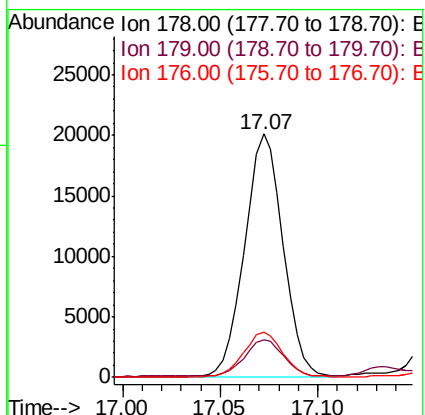
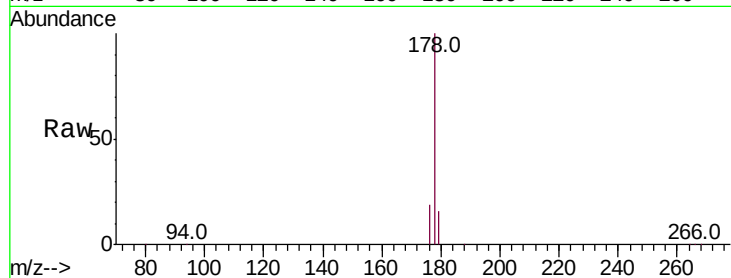
Tot Ion:178 Resp: 27315

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.8 14.8 22.2



#13

Anthracene

Concen: 0.149 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.00 min

Lab File: BM025464.D

Acq: 10 Mar 2020 22:04

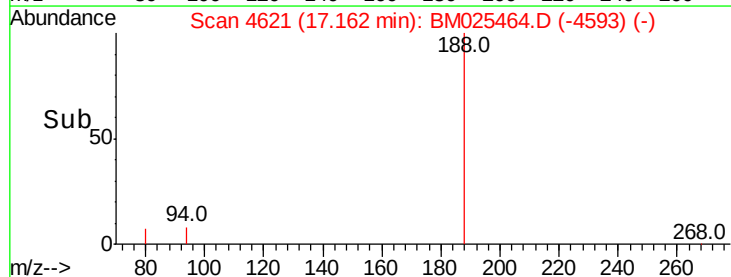
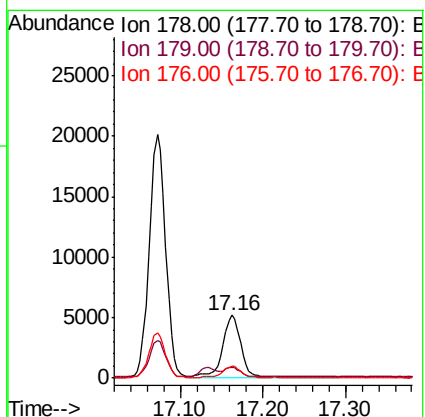
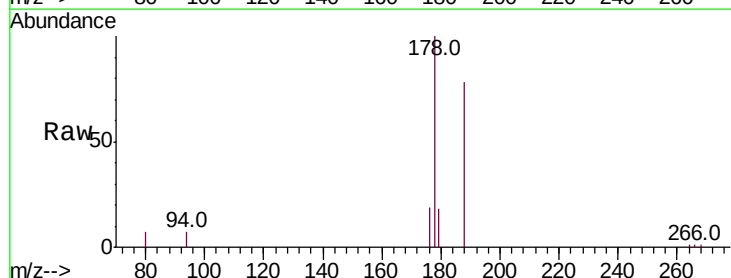
Tgt Ion:178 Resp: 7834

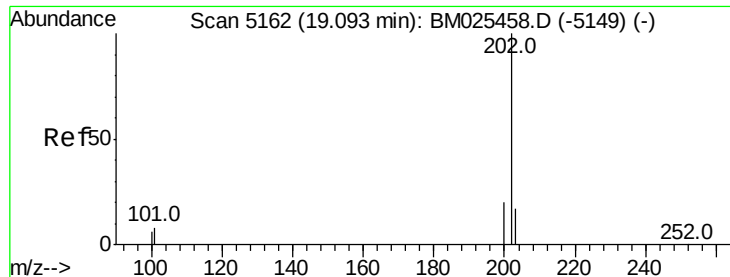
Ion Ratio Lower Upper

178 100

179 17.6 12.6 18.8

176 18.5 14.5 21.7

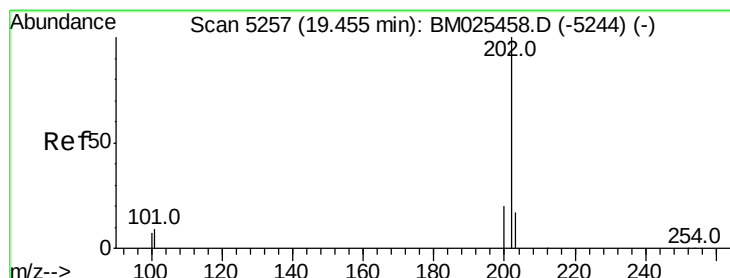
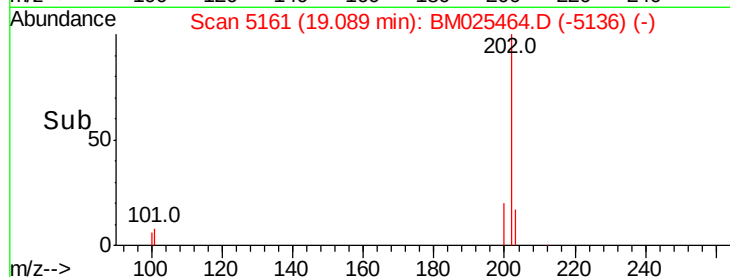
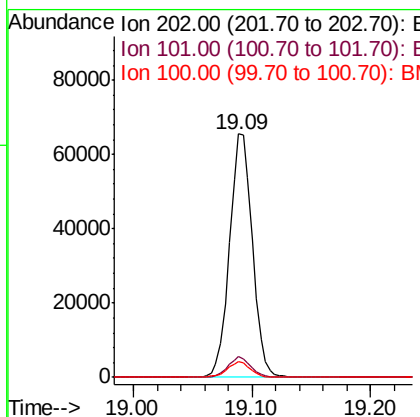
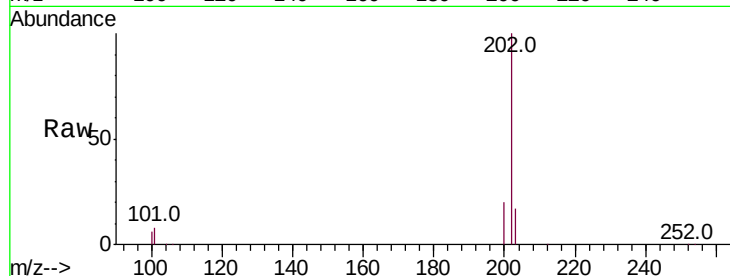




#15
Fluoranthene
Concen: 1.338 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025464.D
Acq: 10 Mar 2020 22:04

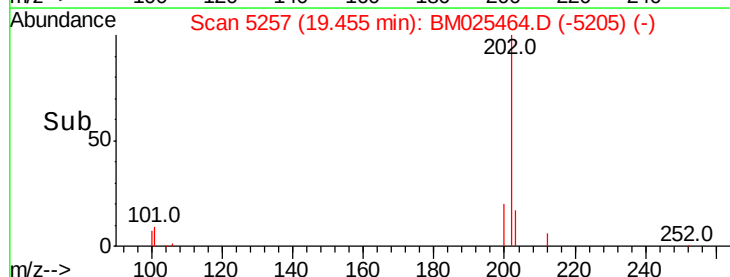
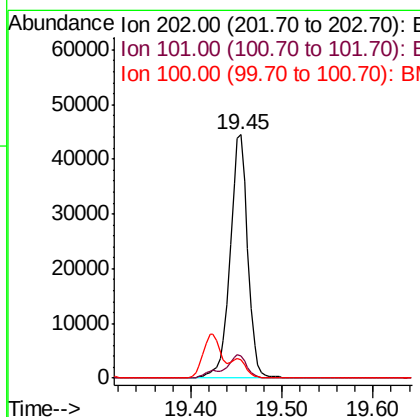
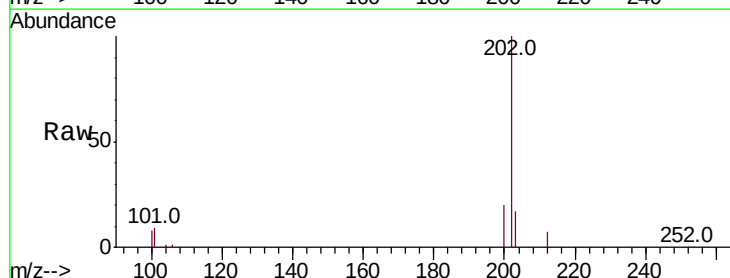
Instrument :
BNA_M
ClientSampled :

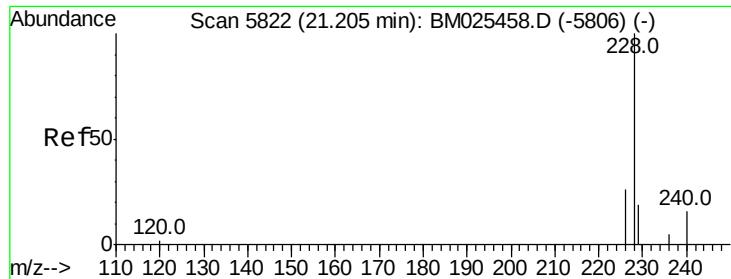
Tot Ion:202 Resp: 87708
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.5
100 6.3 0.0 26.0



#17
Pyrene
Concen: 0.947 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025464.D
Acq: 10 Mar 2020 22:04

Tgt Ion:202 Resp: 59494
Ion Ratio Lower Upper
202 100
101 8.9 7.1 10.7
100 7.5 6.0 9.0





#18

Benzo(a)anthracene

Concen: 0.259 ng/ul

RT: 21.20 min Scan# 5822

Delta R.T. -0.00 min

Lab File: BM025464.D

Acq: 10 Mar 2020 22:04

Instrument :

BNA_M

ClientSampled :

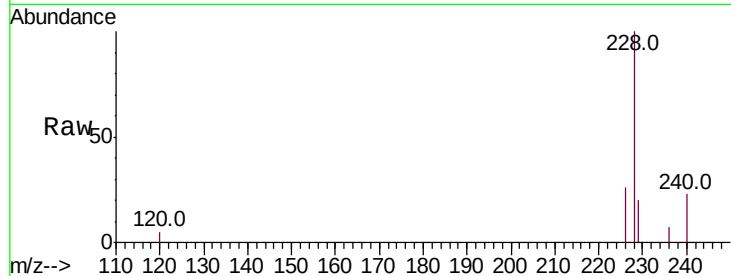
Tot Ion:228 Resp: 12942

Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

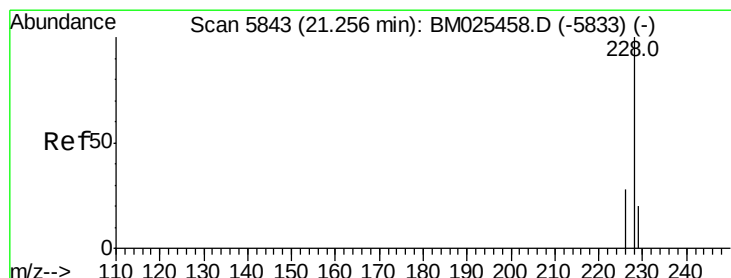
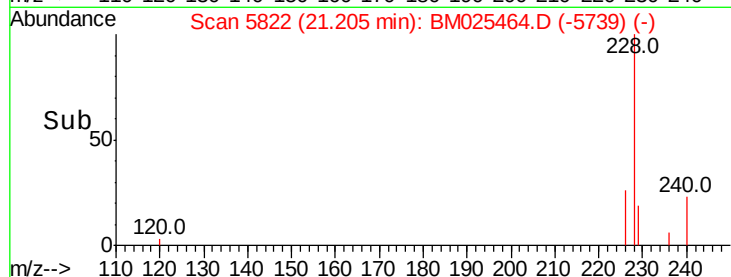
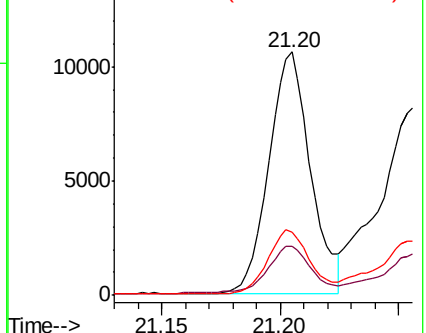
226 26.1 21.1 31.7



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: 0.225 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.00 min

Lab File: BM025464.D

Acq: 10 Mar 2020 22:04

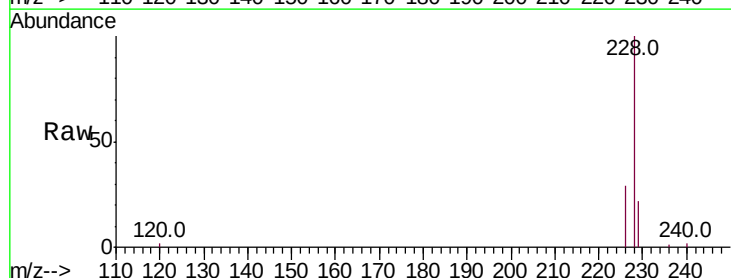
Tgt Ion:228 Resp: 12642

Ion Ratio Lower Upper

228 100

226 28.7 23.6 35.4

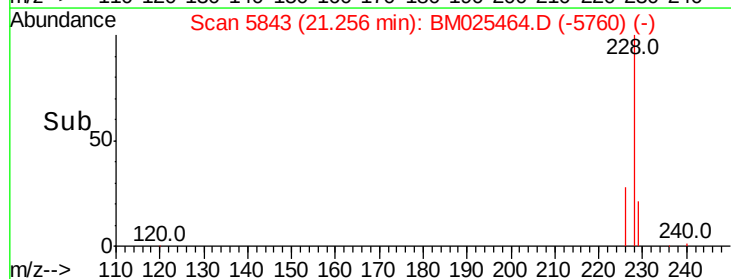
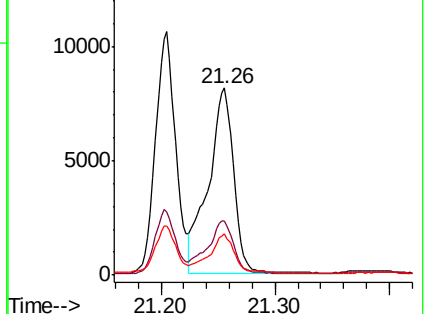
229 21.9 16.3 24.5

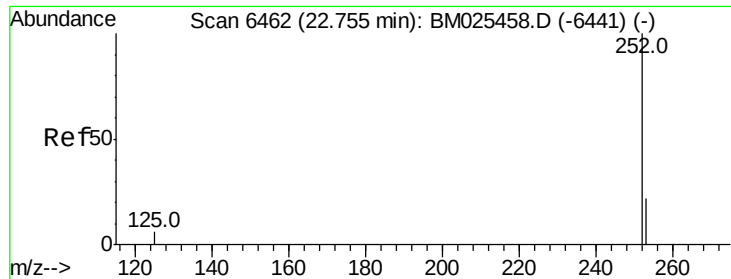


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

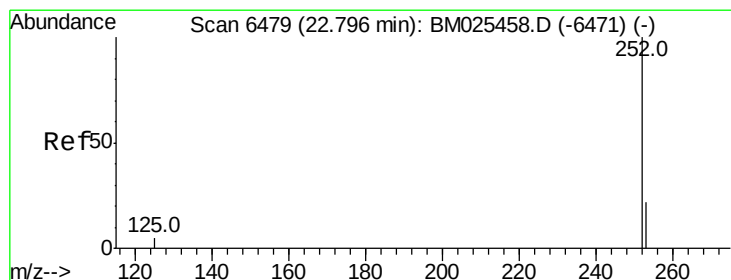
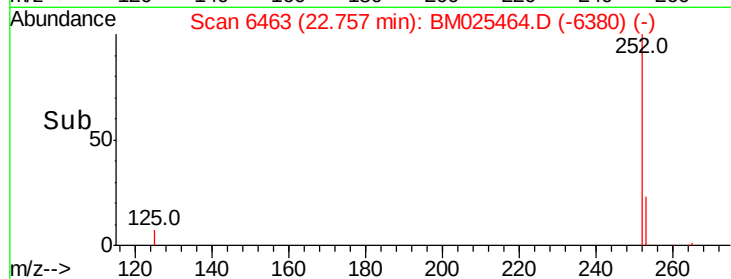
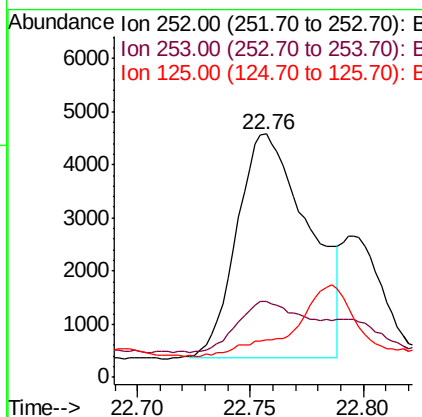
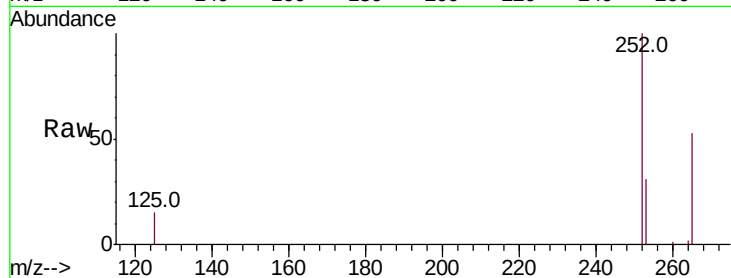




#21
Benzo(b)fluoranthene
Concen: 0.185 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. 0.00 min
Lab File: BM025464.D
Acq: 10 Mar 2020 22:04

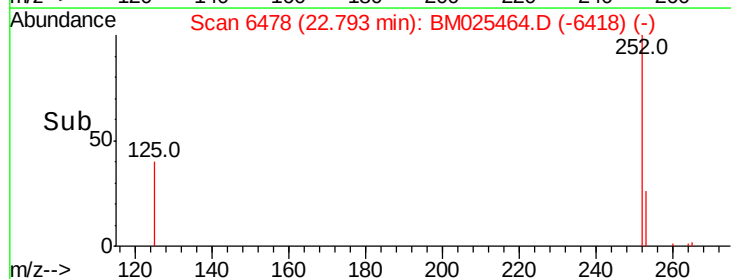
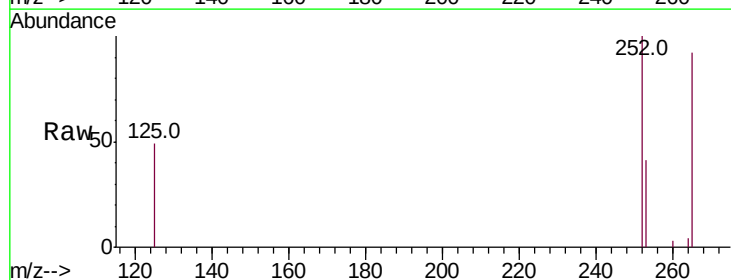
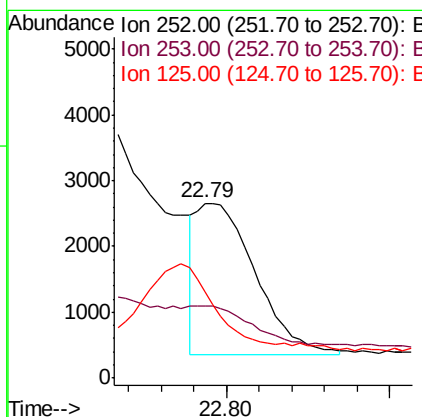
Instrument :
BNA_M
ClientSampleId :

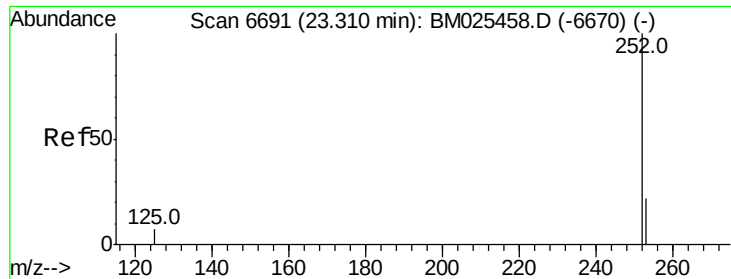
Tot Ion:252 Resp: 9305
Ion Ratio Lower Upper
252 100
253 31.0 0.0 50.2
125 15.5 0.0 17.6



#22
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 22.79 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025464.D
Acq: 10 Mar 2020 22:04

Tgt Ion:252 Resp: 2880
Ion Ratio Lower Upper
252 100
253 41.0 19.8 29.8#
125 49.1 7.1 10.7#





#23

Benzo(a)pyrene

Concen: 0.070 ng/ul

RT: 23.31 min Scan# 6690

Delta R.T. -0.00 min

Lab File: BM025464.D

Acq: 10 Mar 2020 22:04

Instrument :

BNA_M

ClientSampleId :

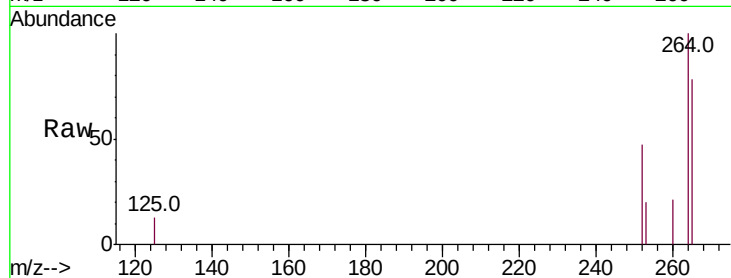
Tot Ion:252 Resp: 2938

Ion Ratio Lower Upper

252 100

253 42.1 21.3 31.9#

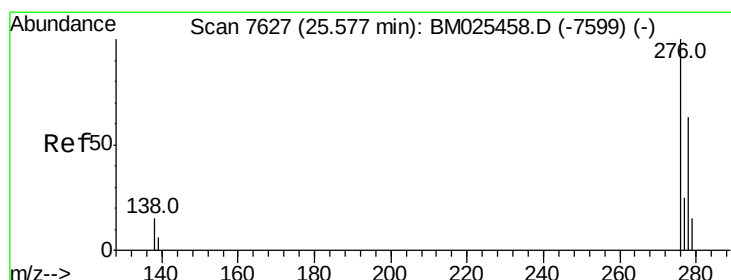
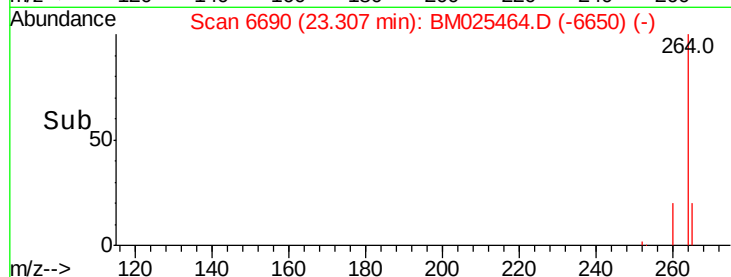
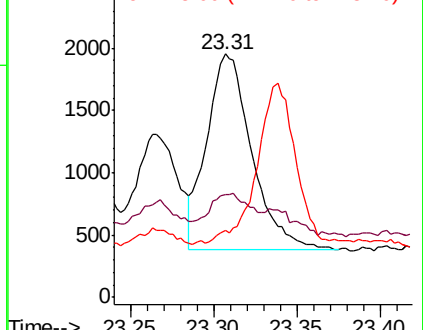
125 27.6 8.5 12.7#



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: 0.028 ng/ul

RT: 25.58 min Scan# 7627

Delta R.T. -0.00 min

Lab File: BM025464.D

Acq: 10 Mar 2020 22:04

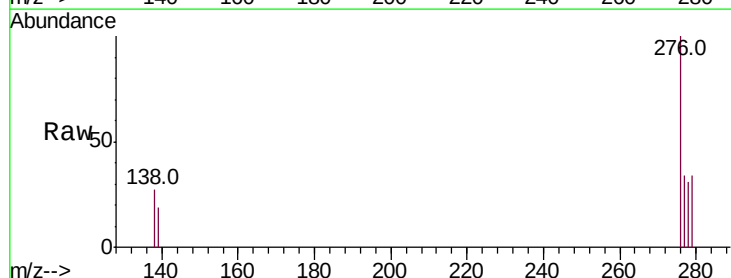
Tgt Ion:276 Resp: 1600

Ion Ratio Lower Upper

276 100

138 0.0 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

