

Data File : BM025237.D
Acq On : 04 Mar 2020 06:52
Operator : CG/JU
Sample : L1516-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD23

Quant Time: Mar 04 08:04:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

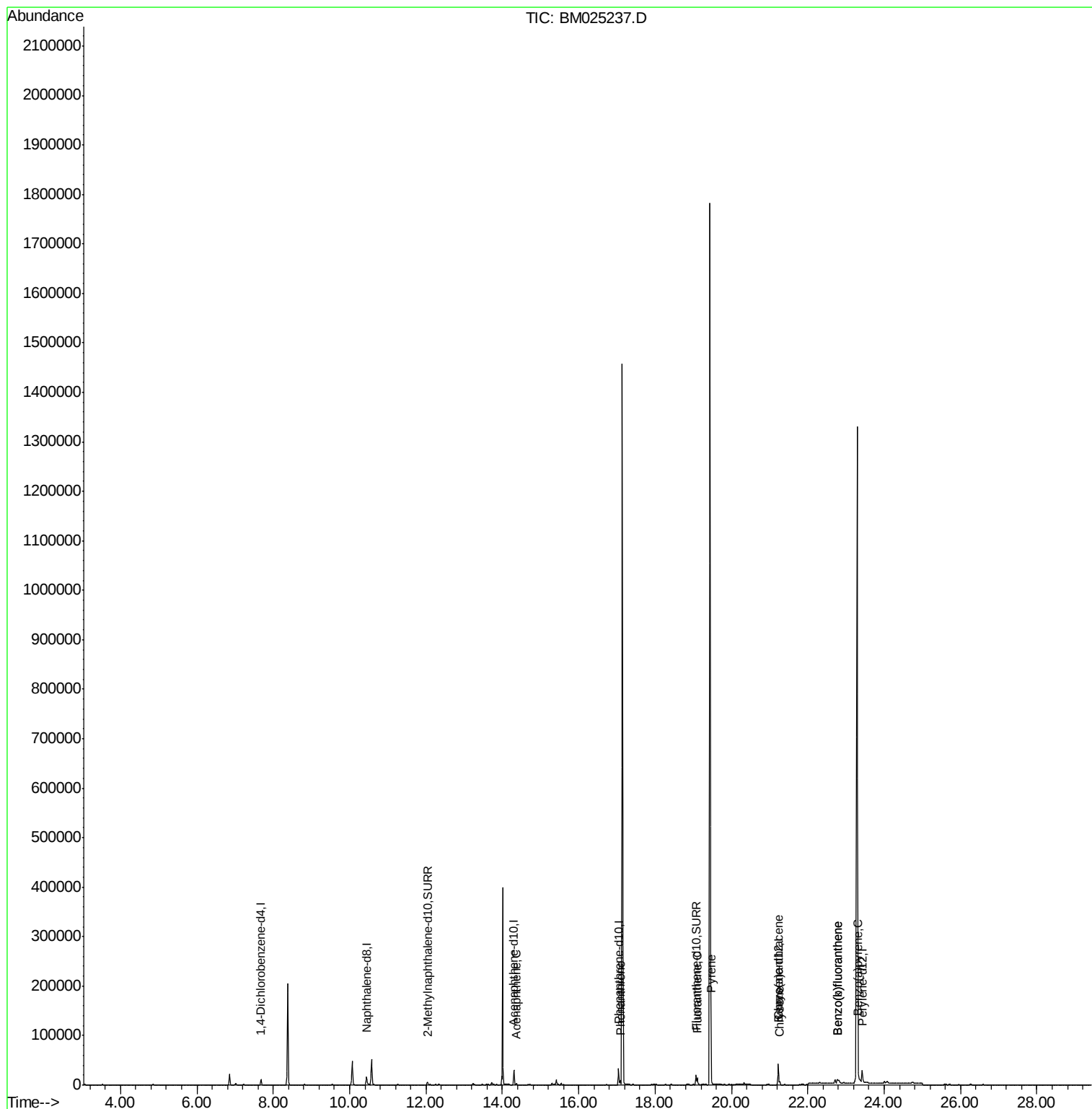
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4971	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	21904	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	16026	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	38221	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	35285	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	31539	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	7458	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	21728	0.17	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	14.37	153	1357	0.023	ng/ul	96
12) Phenanthrene	17.09	178	9280	0.075	ng/ul	98
15) Fluoranthene	19.11	202	12092	0.078	ng/ul	98
17) Pyrene	19.47	202	15216	0.114	ng/ul	98
18) Benzo(a)anthracene	21.22	228	6823	0.053	ng/ul	98
19) Chrysene	21.27	228	7836	0.055	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	15911	0.126	ng/ul	95
22) Benzo(k)fluoranthene	22.77	252	15911	0.120	ng/ul	93
23) Benzo(a)pyrene	23.33	252	4640	0.044	ng/ul#	81

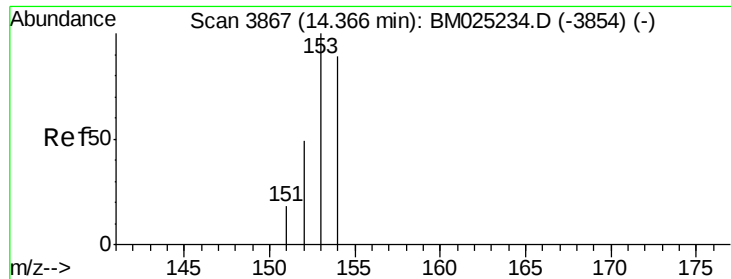
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.37 min Scan# 3867

Delta R.T. -0.00 min

Lab File: BM025237.D

Acq: 04 Mar 2020 06:52

Instrument :

BNA_M

ClientSampled :

DBD23

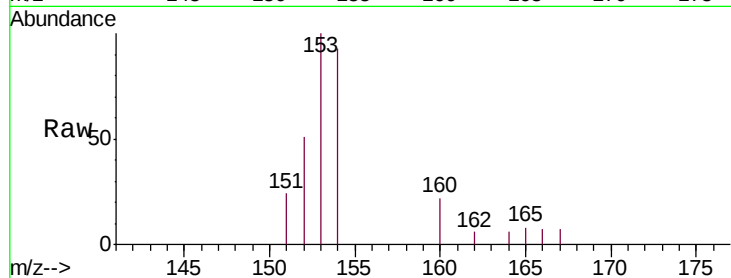
Tgt Ion:153 Resp: 1357

Ion Ratio Lower Upper

153 100

152 51.1 40.0 60.0

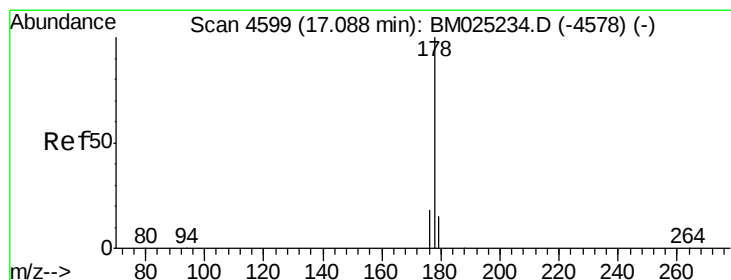
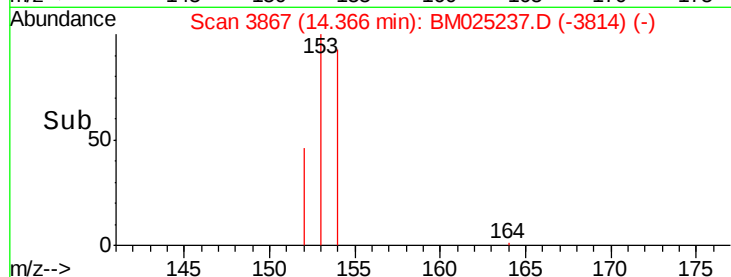
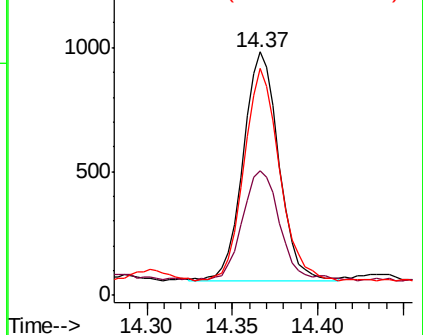
154 93.3 71.0 106.6



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



#12

Phenanthrene

Concen: 0.075 ng/ul

RT: 17.09 min Scan# 4599

Delta R.T. -0.00 min

Lab File: BM025237.D

Acq: 04 Mar 2020 06:52

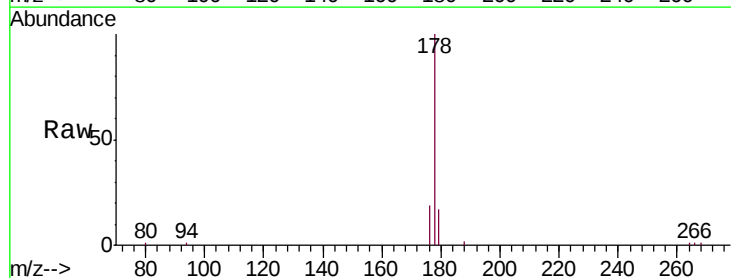
Tgt Ion:178 Resp: 9280

Ion Ratio Lower Upper

178 100

179 17.1 14.0 21.0

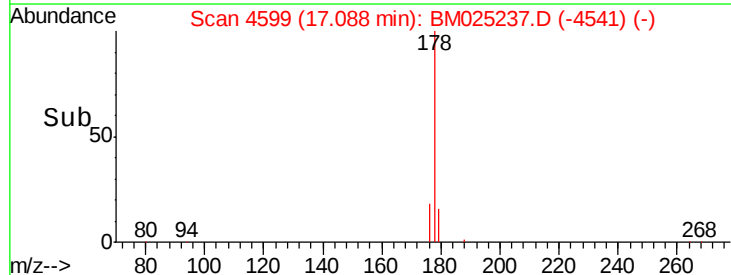
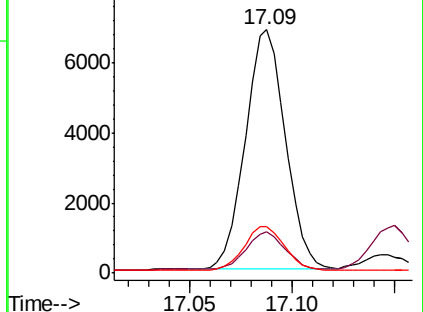
176 19.2 16.6 24.8

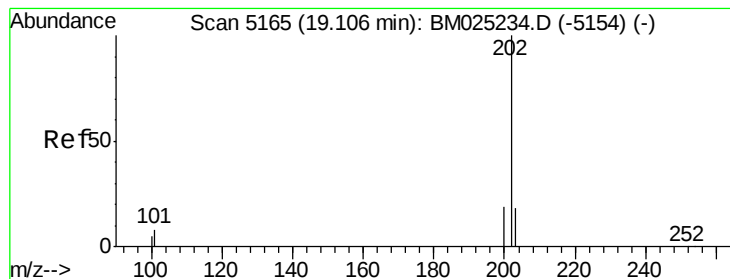


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.078 ng/ul

RT: 19.11 min Scan# 5165

Delta R.T. 0.00 min

Lab File: BM025237.D

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Instrument :

BNA_M

ClientSampleId :

DBD23

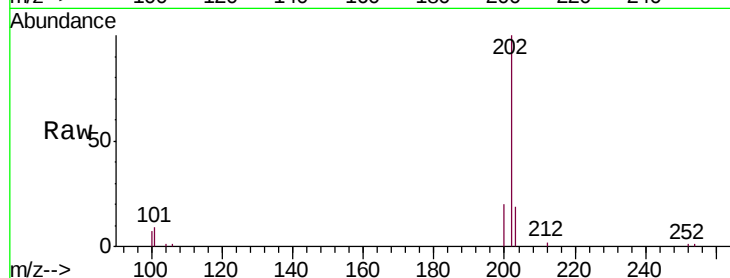
Tgt Ion:202 Resp: 12092

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.4

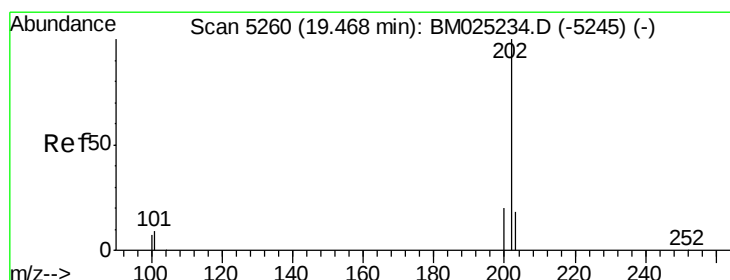
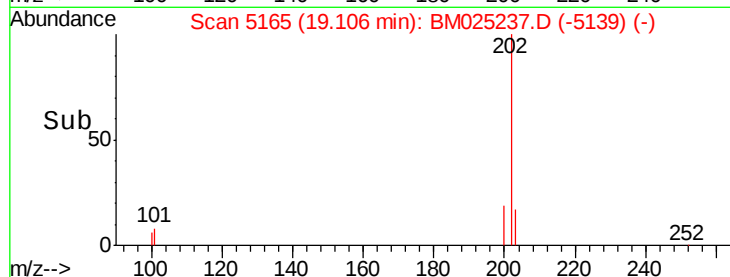
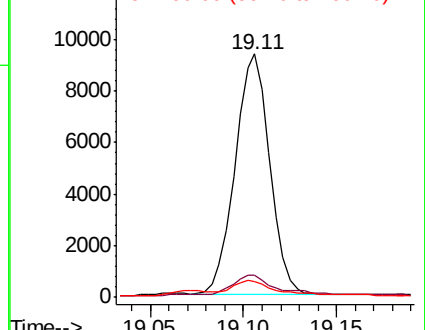
100 6.5 0.0 28.0



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: 0.114 ng/ul

RT: 19.47 min Scan# 5260

Delta R.T. 0.00 min

Lab File: BM025237.D

Acq: 04 Mar 2020 06:52

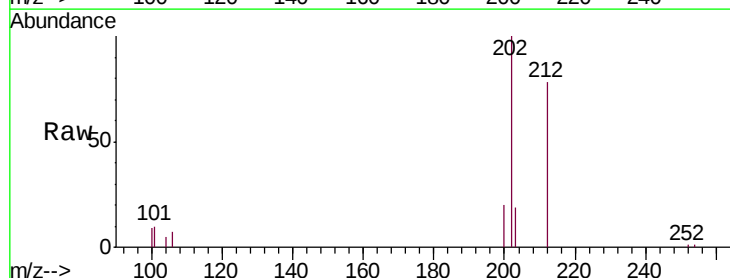
Tgt Ion:202 Resp: 15216

Ion Ratio Lower Upper

202 100

101 9.8 8.7 13.1

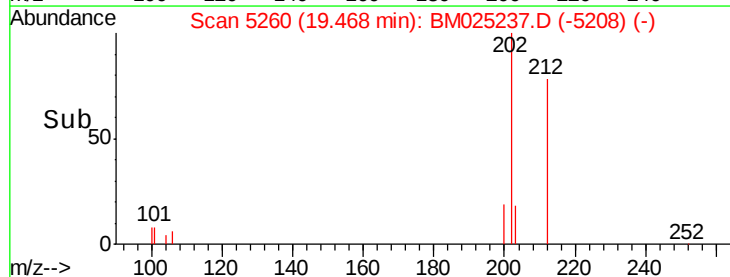
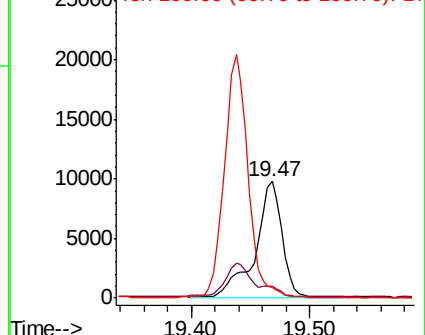
100 8.6 7.3 10.9

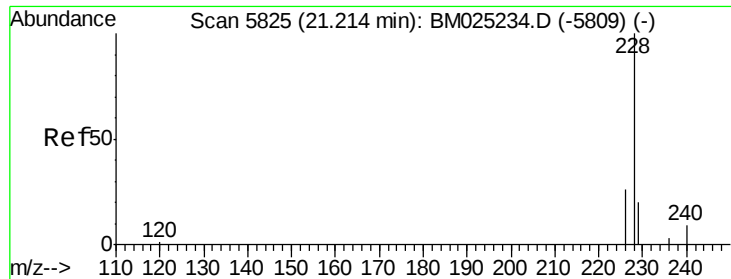


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.053 ng/u1

RT: 21.22 min Scan# 5826

Delta R.T. 0.00 min

Lab File: BM025237.D

Acq: 04 Mar 2020 06:52

Instrument :

BNA_M

ClientSampleId :

DBD23

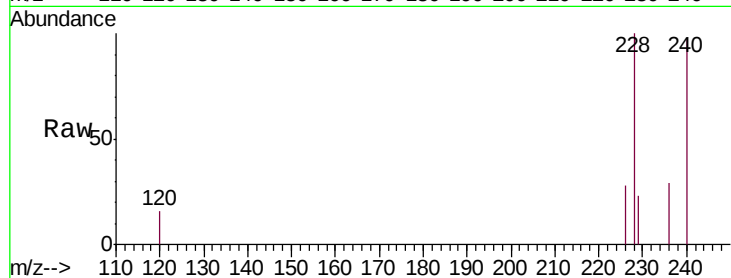
Tgt Ion:228 Resp: 6823

Ion Ratio Lower Upper

228 100

229 22.8 16.6 25.0

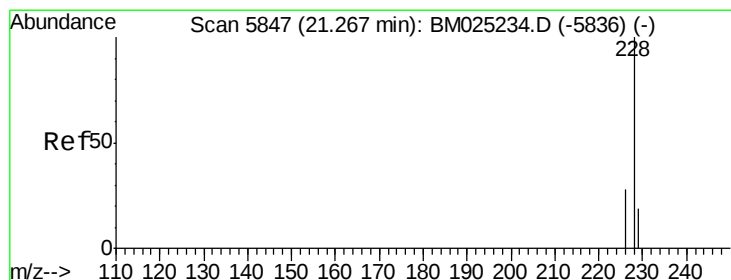
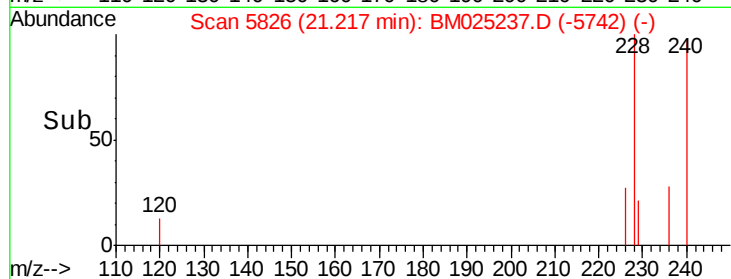
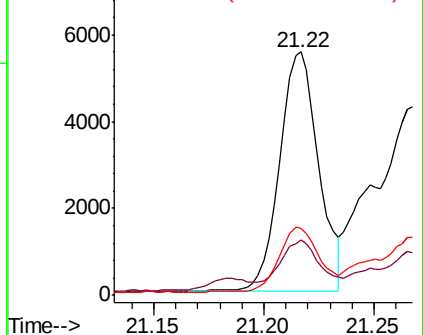
226 27.8 21.9 32.9



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: 0.055 ng/u1

RT: 21.27 min Scan# 5847

Delta R.T. 0.00 min

Lab File: BM025237.D

Acq: 04 Mar 2020 06:52

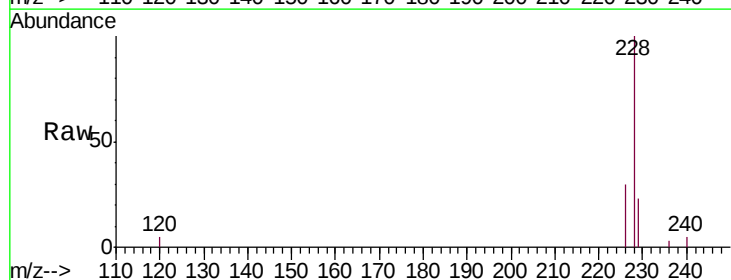
Tgt Ion:228 Resp: 7836

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

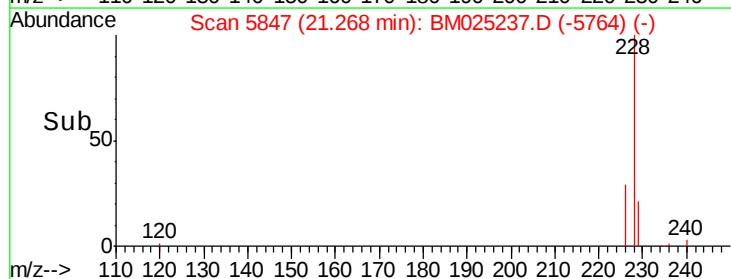
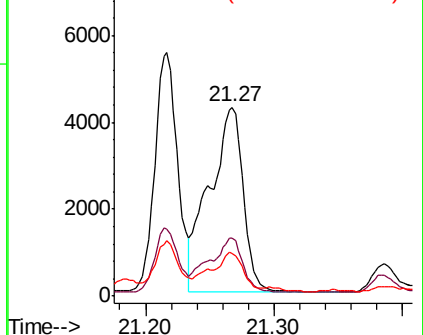
229 22.9 16.9 25.3

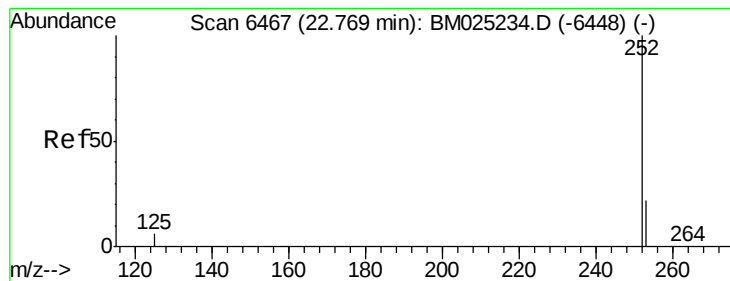


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.126 ng/ul

RT: 22.77 min Scan# 6469

Delta R.T. 0.00 min

Lab File: BM025237.D

Acq: 04 Mar 2020 06:52

Instrument :

BNA_M

ClientSampleId :

DBD23

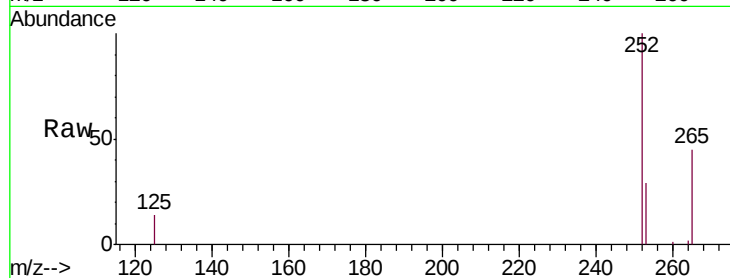
Tgt Ion:252 Resp: 15911

Ion Ratio Lower Upper

252 100

253 28.9 0.0 49.8

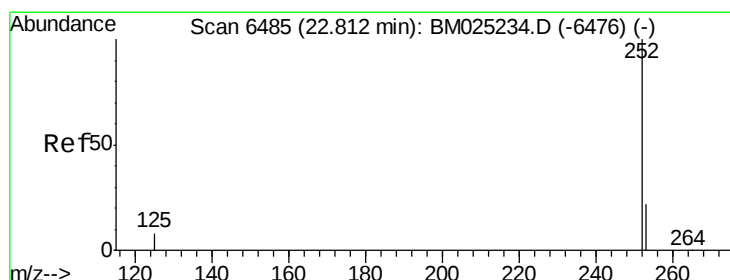
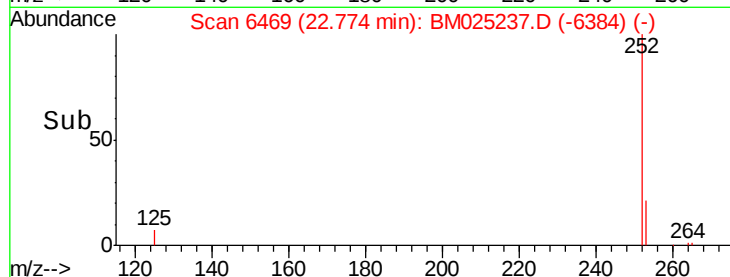
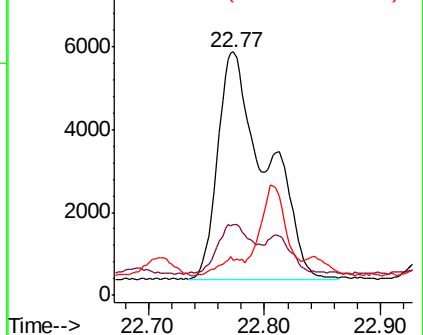
125 14.5 0.0 28.6



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: 0.120 ng/ul

RT: 22.77 min Scan# 6469

Delta R.T. -0.04 min

Lab File: BM025237.D

Acq: 04 Mar 2020 06:52

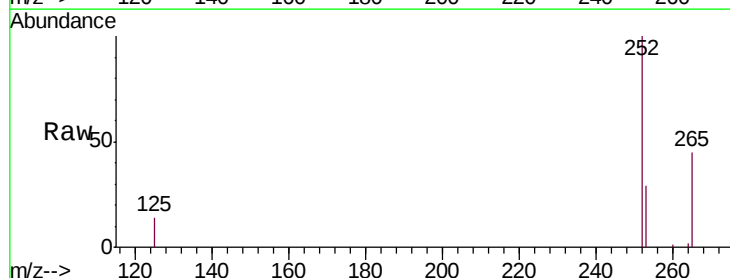
Tgt Ion:252 Resp: 15911

Ion Ratio Lower Upper

252 100

253 28.9 19.4 29.0

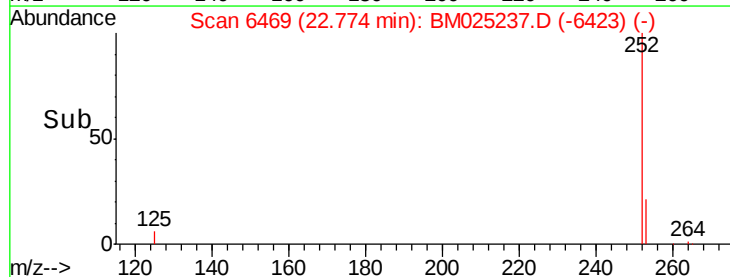
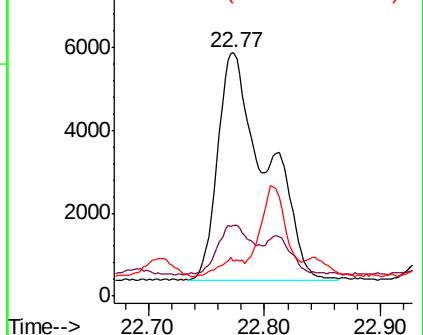
125 14.5 10.7 16.1

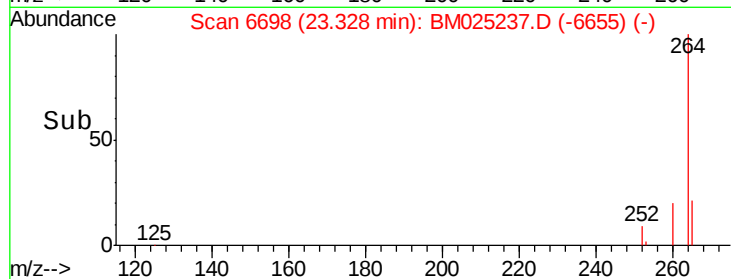
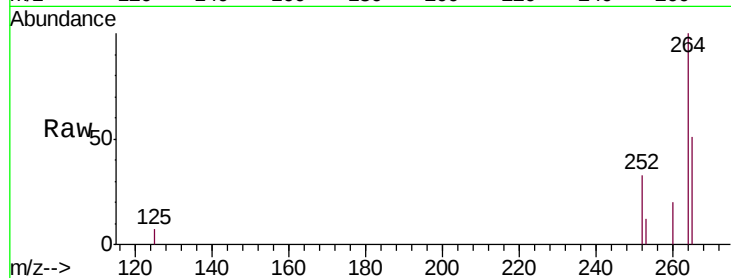
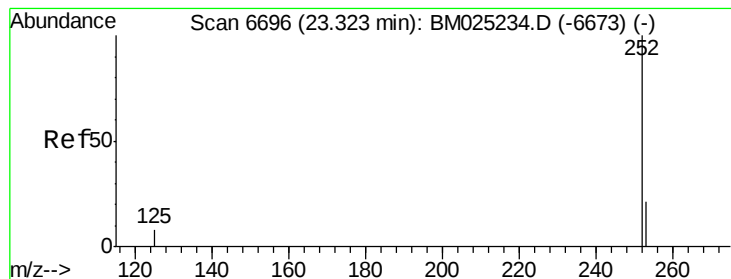


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.044 ng/ul

RT: 23.33 min Scan# 6698

Delta R.T. 0.00 min

Lab File: BM025237.D

Acq: 04 Mar 2020 06:52

Instrument :

BNA_M

ClientSampleId :

DBD23

Tgt Ion: 252 Resp: 4640

Ion Ratio Lower Upper

252 100

253 36.7 20.3 30.5#

125 22.3 13.0 19.4#

