

Data File : BM025141.D
Acq On : 28 Feb 2020 19:57
Operator : CG/JU
Sample : L1507-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD05

Quant Time: Feb 29 04:46:40 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 : Sat Feb 29 04:43:59 2020
Response via : Initial Calibration

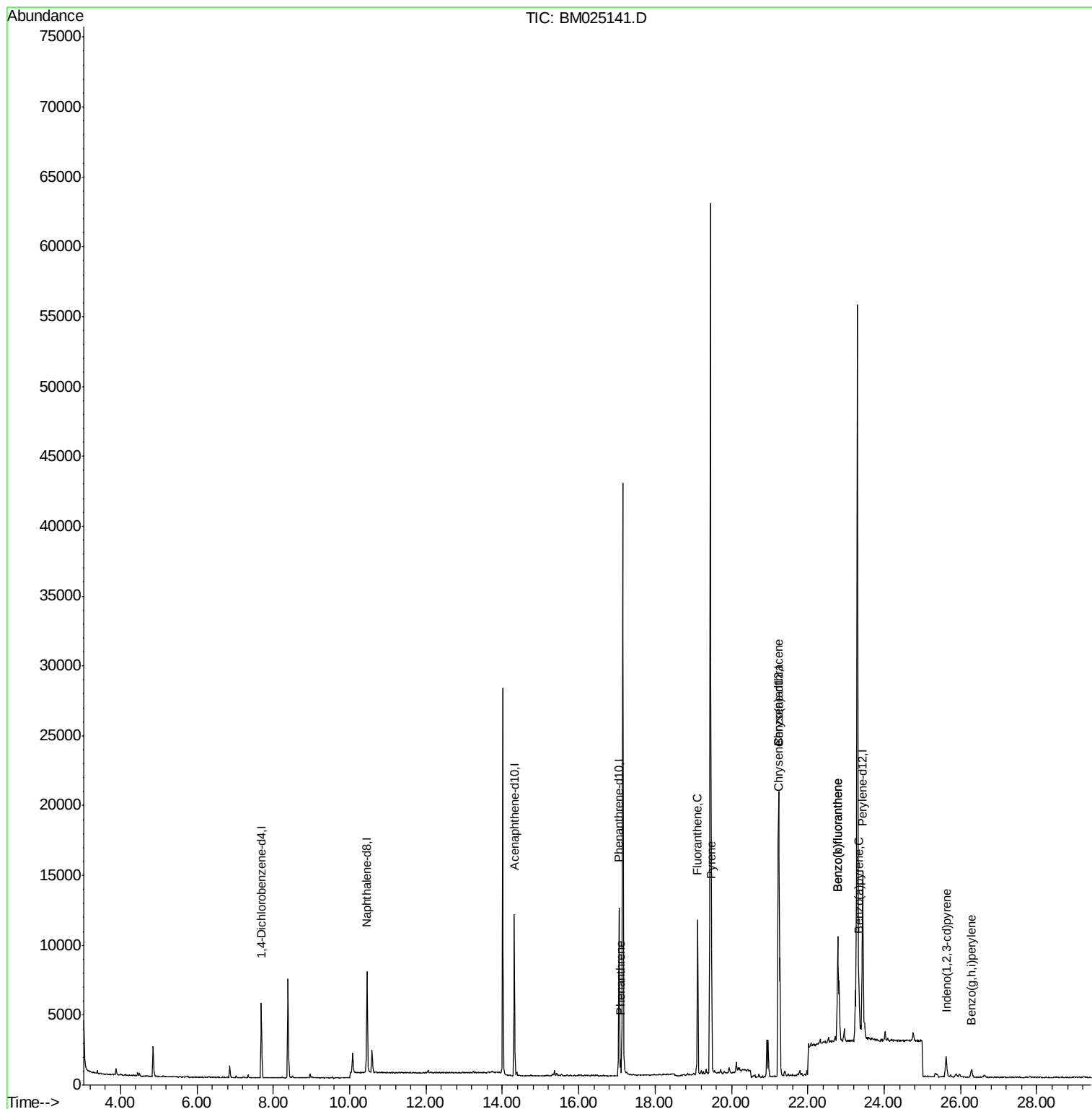
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2635	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	9802	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6070	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	13995	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	14170	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	15191	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	280	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	731	0.02	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.09	178	1267	0.026	ng/ul#	89
15) Fluoranthene	19.11	202	9616	0.134	ng/ul	98
17) Pyrene	19.48	202	9020	0.141	ng/ul	97
18) Benzo(a)anthracene	21.22	228	13011	0.213	ng/ul	99
19) Chrysene	21.25	228	2635	0.043	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	16246	0.273	ng/ul	94
22) Benzo(k)fluoranthene	22.78	252	16246	0.275	ng/ul	94
23) Benzo(a)pyrene	23.34	252	4158	0.076	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.62	276	2064	0.030	ng/ul#	100
26) Benzo(g,h,i)perylene	26.29	276	1202	0.021	ng/ul#	79

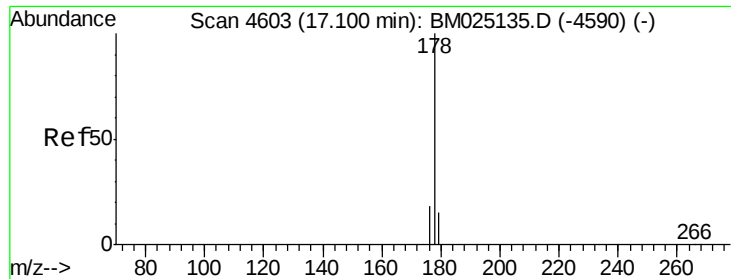
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.026 ng/ul

RT: 17.09 min Scan# 4601

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

DBD05

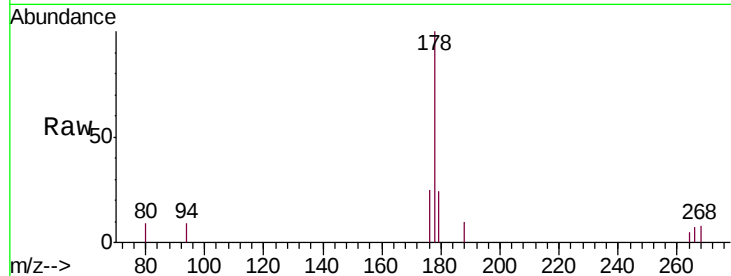
Tgt Ion:178 Resp: 1267

Ion Ratio Lower Upper

178 100

179 23.7 14.0 21.0#

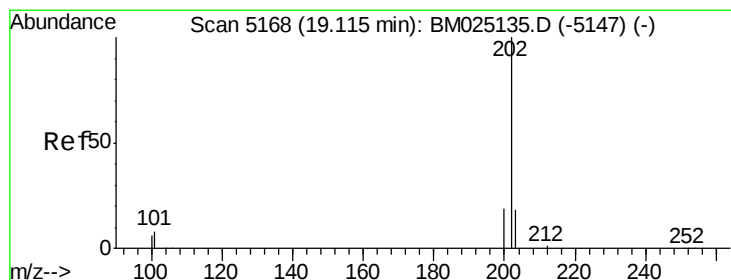
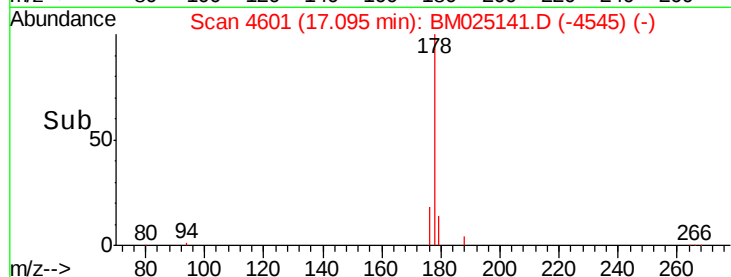
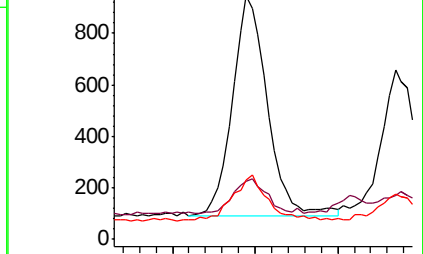
176 24.6 16.6 24.8



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: 0.134 ng/ul

RT: 19.11 min Scan# 5167

Delta R.T. -0.00 min

Lab File: BM025141.D

Acq: 28 Feb 2020 19:57

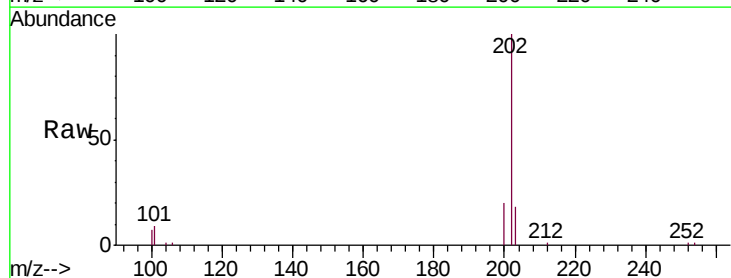
Tgt Ion:202 Resp: 9616

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.4

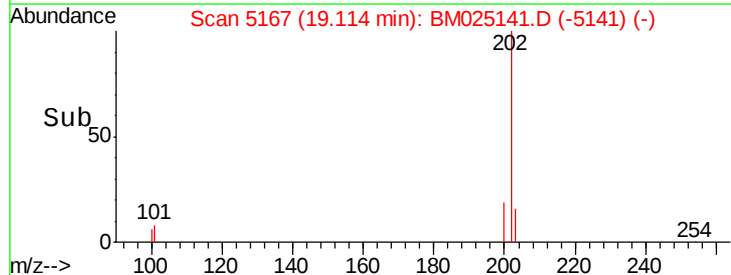
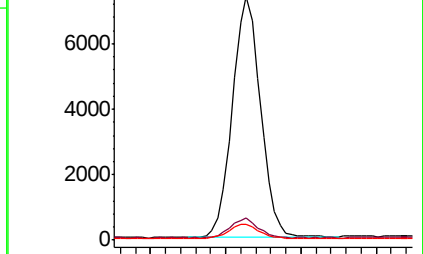
100 6.6 0.0 28.0

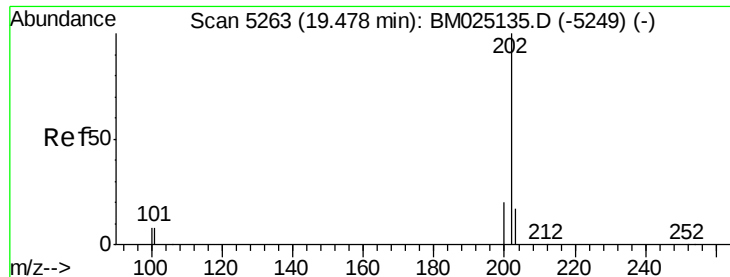


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

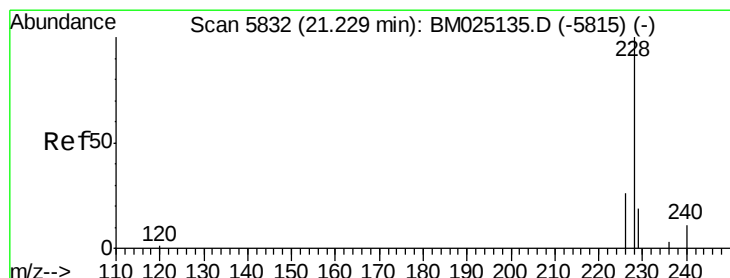
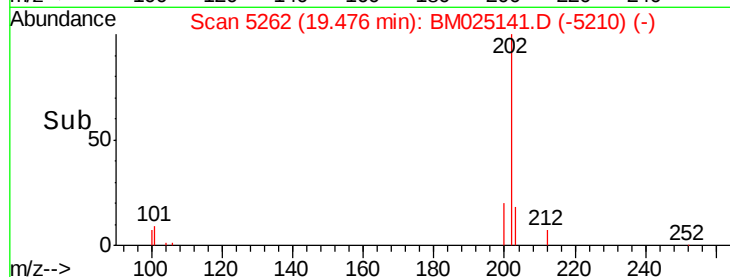
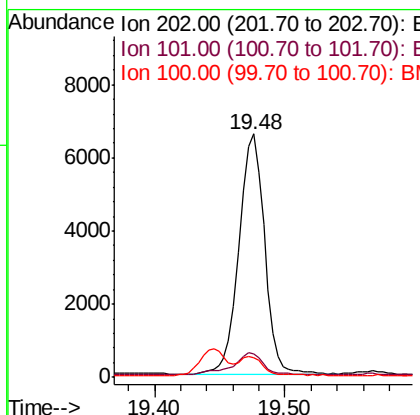
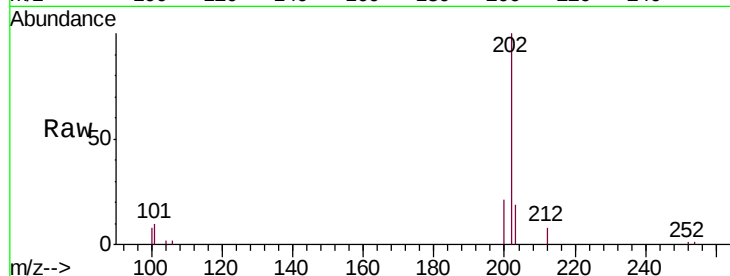




#17
 Pyrene
 Concen: 0.141 ng/ul
 RT: 19.48 min Scan# 5262
 Delta R.T. -0.00 min
 Lab File: BM025141.D
 Acq: 28 Feb 2020 19:57

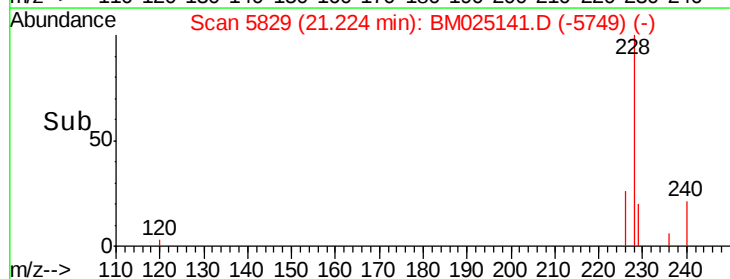
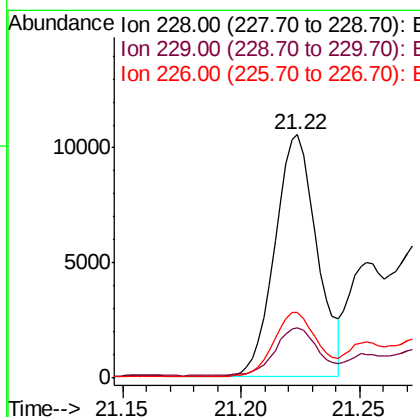
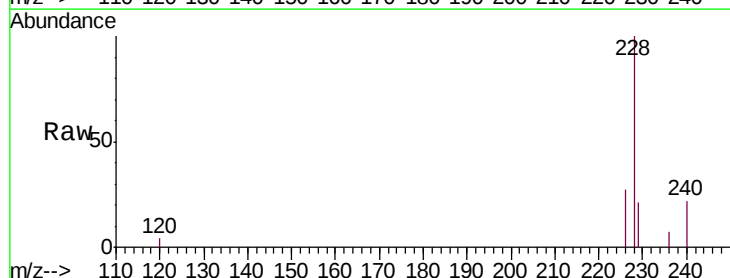
Instrument :
 BNA_M
 ClientSampleId :
 DBD05

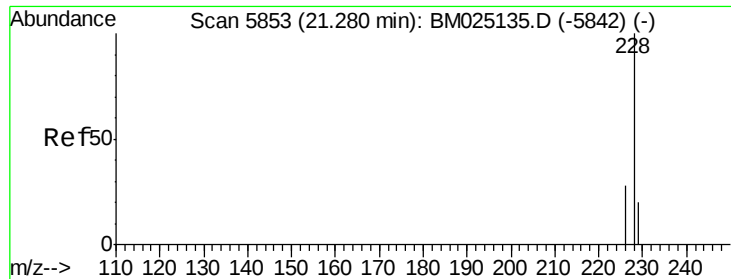
Tgt Ion:202 Resp: 9020
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.7 13.1
 100 8.0 7.3 10.9



#18
 Benzo(a)anthracene
 Concen: 0.213 ng/ul
 RT: 21.22 min Scan# 5829
 Delta R.T. -0.01 min
 Lab File: BM025141.D
 Acq: 28 Feb 2020 19:57

Tgt Ion:228 Resp: 13011
 Ion Ratio Lower Upper
 228 100
 229 20.6 16.6 25.0
 226 27.1 21.9 32.9





#19

Chrysene

Concen: 0.043 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.03 min

Lab File: BM025141.D

Acq: 28 Feb 2020 19:57

Instrument :

BNA_M

ClientSampleId :

DBD05

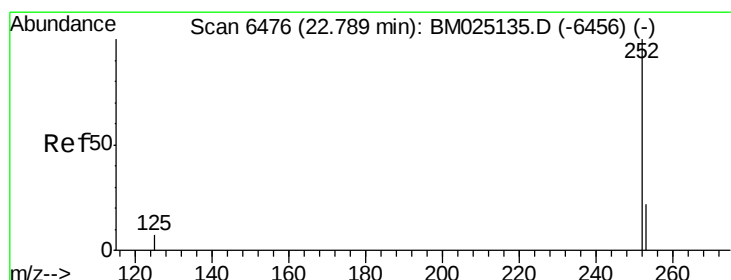
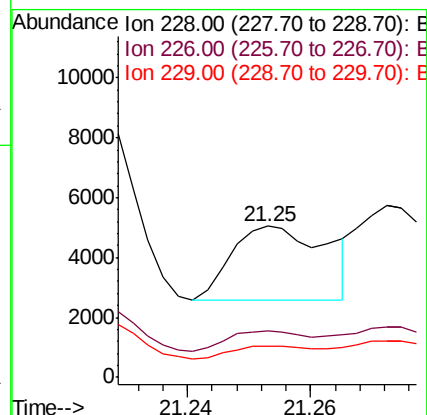
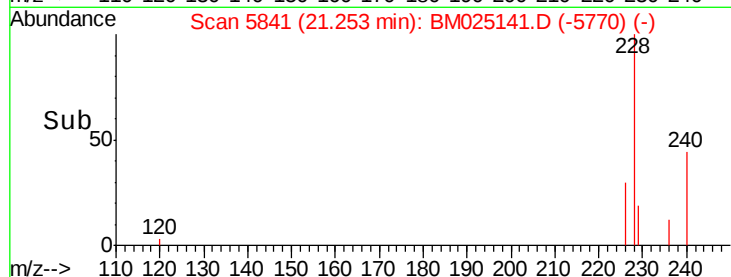
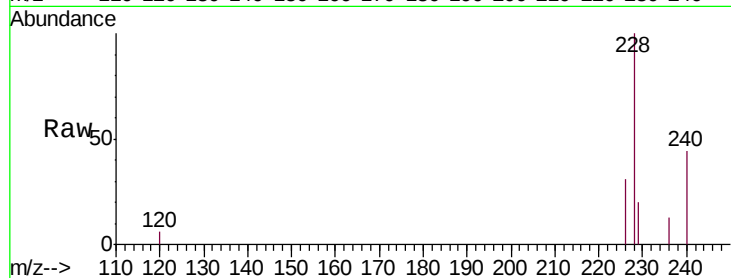
Tgt Ion:228 Resp: 2635

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.8

229 20.3 16.9 25.3



#21

Benzo(b)fluoranthene

Concen: 0.273 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.01 min

Lab File: BM025141.D

Acq: 28 Feb 2020 19:57

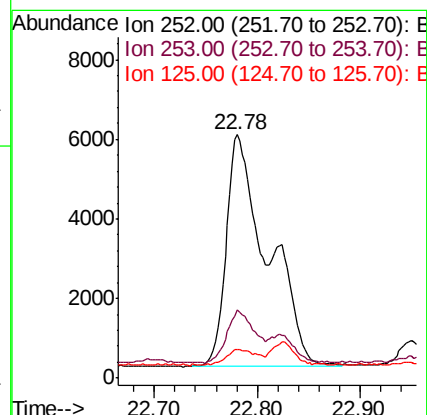
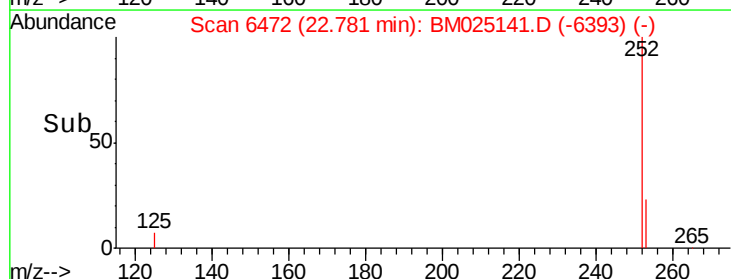
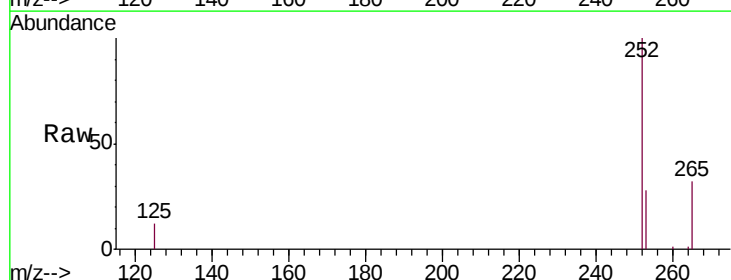
Tgt Ion:252 Resp: 16246

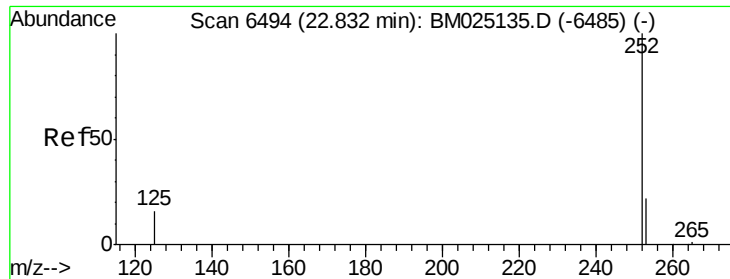
Ion Ratio Lower Upper

252 100

253 27.9 0.0 49.8

125 11.9 0.0 28.6





#22

Benzo(k)fluoranthene

Concen: 0.275 ng/u1

RT: 22.78 min Scan# 6472

Delta R.T. -0.05 min

Lab File: BM025141.D

Acq: 28 Feb 2020 19:57

Instrument :

BNA_M

ClientSampleId :

DBD05

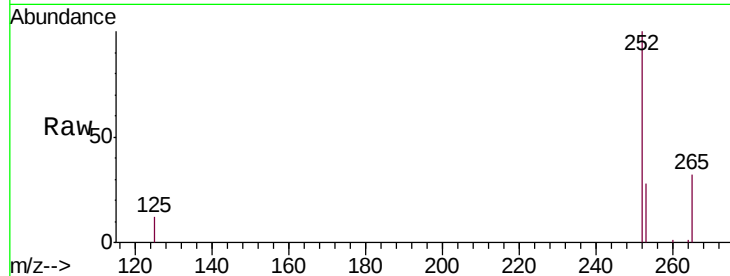
Tgt Ion:252 Resp: 16246

Ion Ratio Lower Upper

252 100

253 27.9 19.4 29.0

125 11.9 10.7 16.1

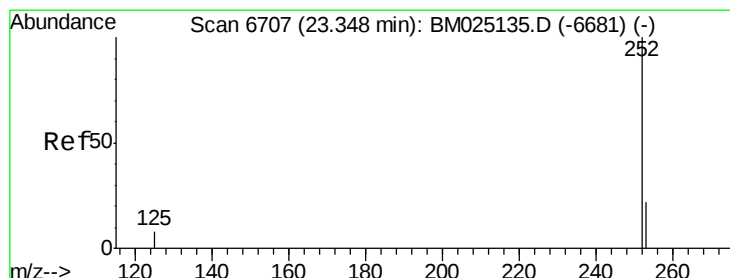
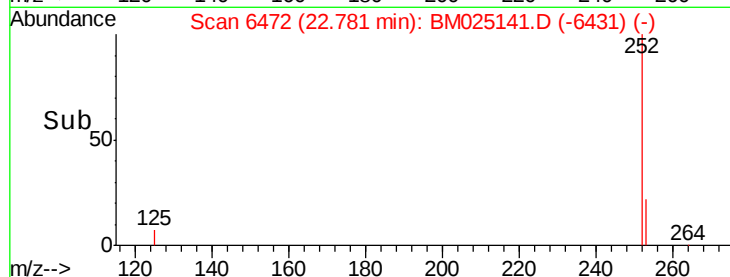
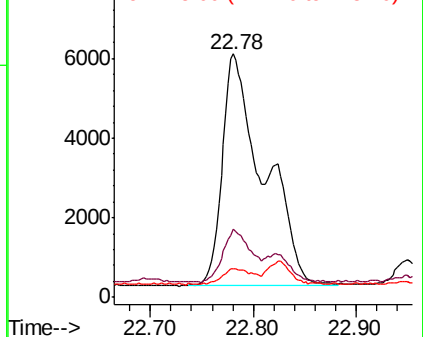


Abundance

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: 0.076 ng/u1

RT: 23.34 min Scan# 6703

Delta R.T. -0.01 min

Lab File: BM025141.D

Acq: 28 Feb 2020 19:57

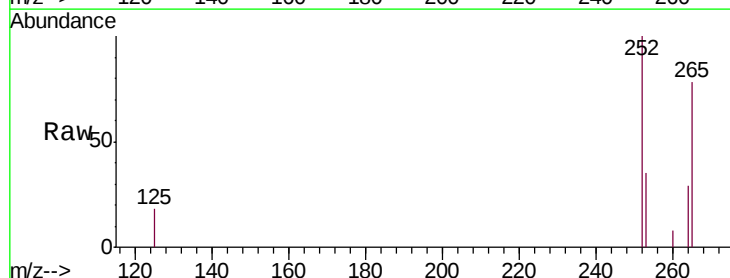
Tgt Ion:252 Resp: 4158

Ion Ratio Lower Upper

252 100

253 34.8 20.3 30.5#

125 18.2 13.0 19.4

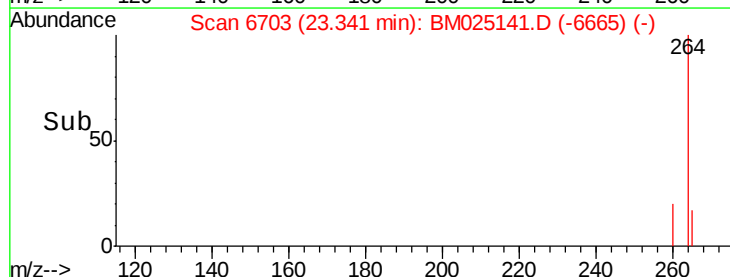
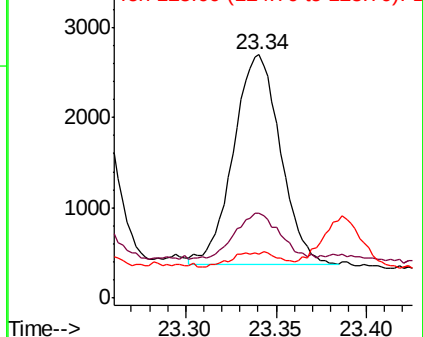


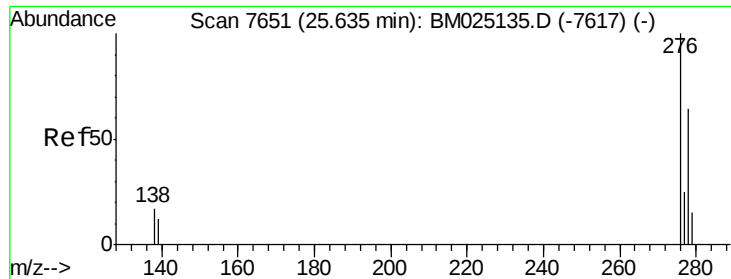
Abundance

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



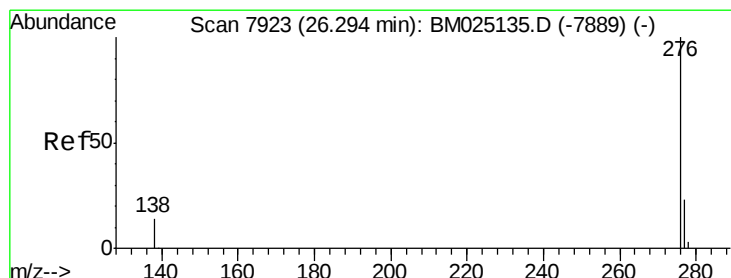
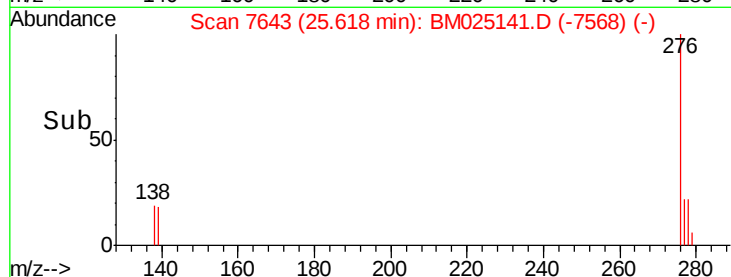
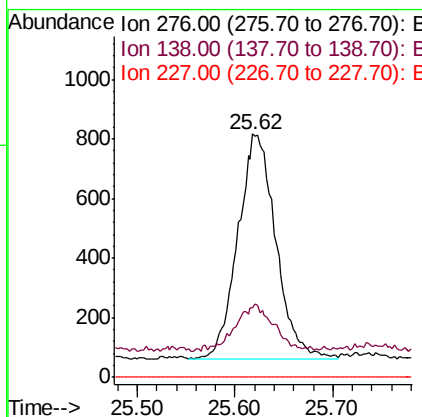
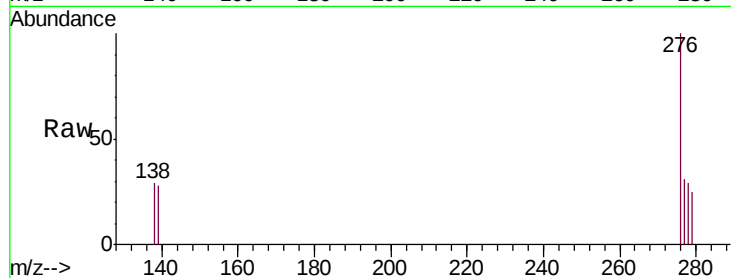


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 25.62 min Scan# 7643
Delta R.T. -0.02 min
Lab File: BM025141.D
Acq: 28 Feb 2020 19:57

Instrument :
BNA_M
ClientSampleId :
DBD05

Tgt Ion: 276 Resp: 2064
Ion Ratio Lower Upper
276 100
138 19.5 0.0 0.0#
227 0.0 0.0 0.0



#26

Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.29 min Scan# 7919
Delta R.T. -0.01 min
Lab File: BM025141.D
Acq: 28 Feb 2020 19:57

Tgt Ion: 276 Resp: 1202
Ion Ratio Lower Upper
276 100
138 32.5 17.9 26.9#
277 36.6 20.5 30.7#

