

Data File : BM025138.D
Acq On : 28 Feb 2020 18:08
Operator : CG/JU
Sample : L1507-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD02

Quant Time: Feb 29 04:46:09 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

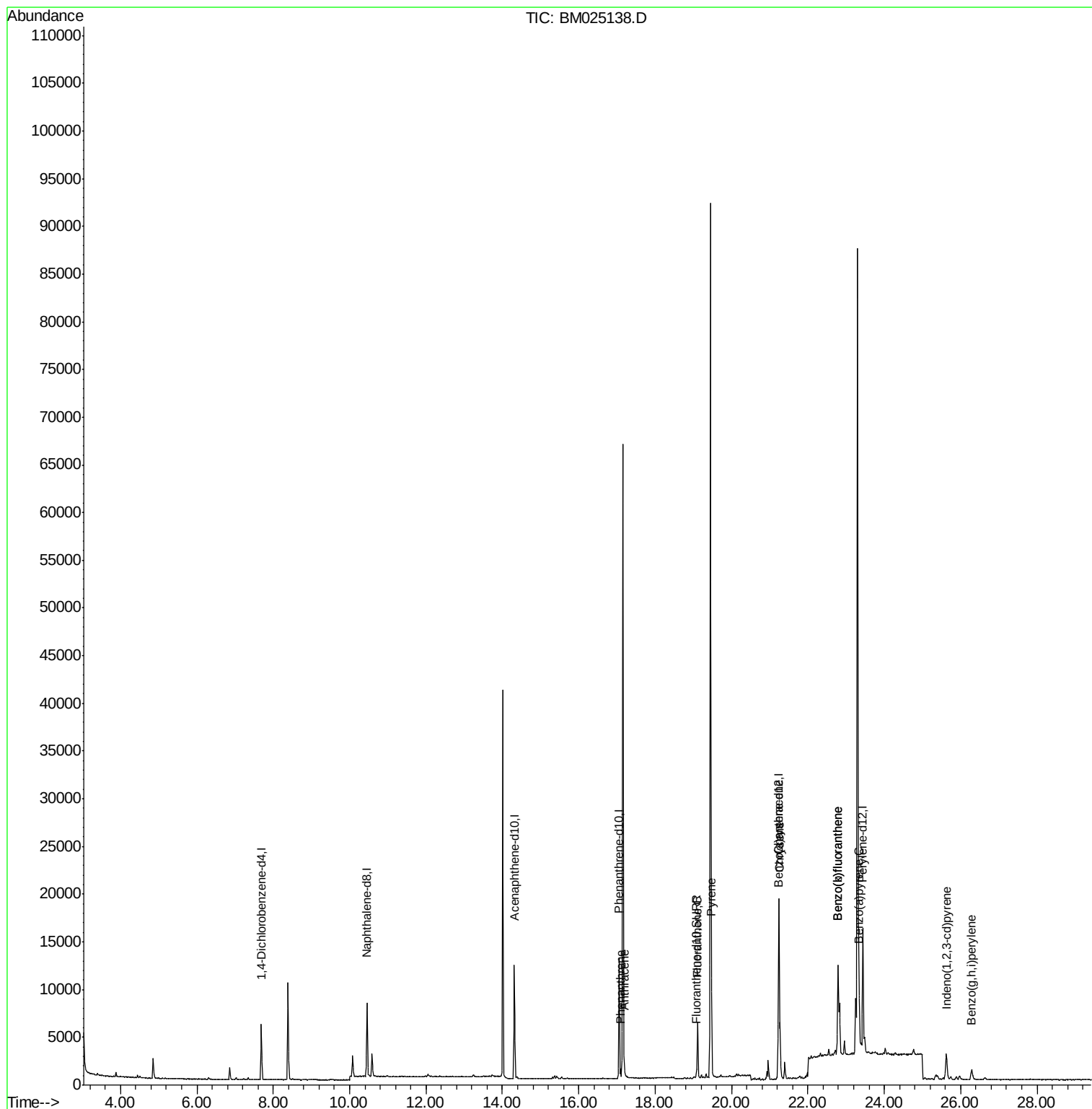
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10634	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6484	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	14894	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	14932	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	16331	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	396	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1075	0.02	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.10	178	1095	0.021	ng/ul#	87
13) Anthracene	17.19	178	1100	0.022	ng/ul#	82
15) Fluoranthene	19.11	202	5157	0.068	ng/ul	99
17) Pyrene	19.48	202	8508	0.126	ng/ul	97
18) Benzo(a)anthracene	21.22	228	6004	0.093	ng/ul	96
19) Chrysene	21.26	228	9219	0.144	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	21518	0.336	ng/ul	96
22) Benzo(k)fluoranthene	22.79	252	21518	0.339	ng/ul	95
23) Benzo(a)pyrene	23.34	252	7193	0.123	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.63	276	4051	0.055	ng/ul#	100
26) Benzo(g,h,i)perylene	26.29	276	2419	0.039	ng/ul#	92

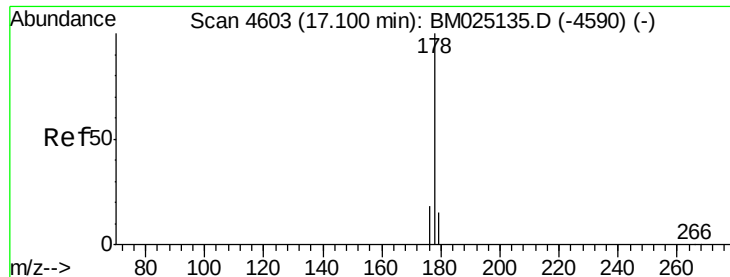
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

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ClientSampleId :

DBD02

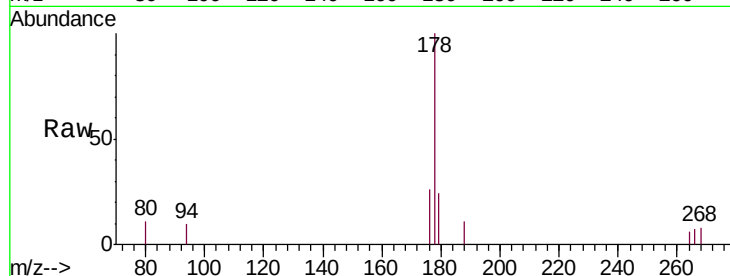
Tgt Ion:178 Resp: 1095

Ion Ratio Lower Upper

178 100

179 24.4 14.0 21.0#

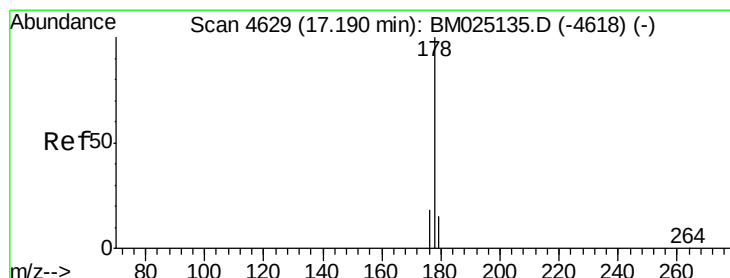
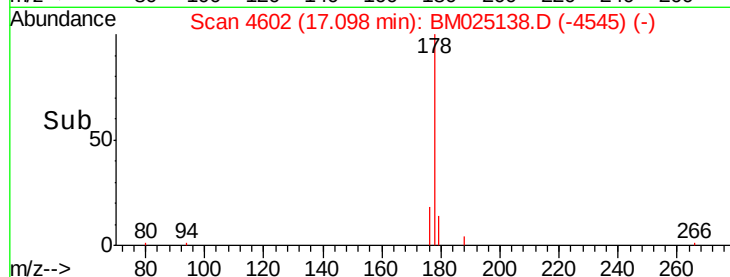
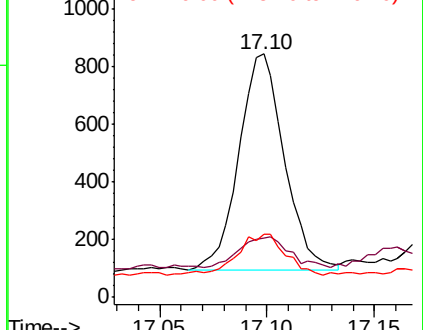
176 26.0 16.6 24.8#



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



#13

Anthracene

Concen: 0.022 ng/ul

RT: 17.19 min Scan# 4628

Delta R.T. -0.00 min

Lab File: BM025138.D

Acq: 28 Feb 2020 18:08

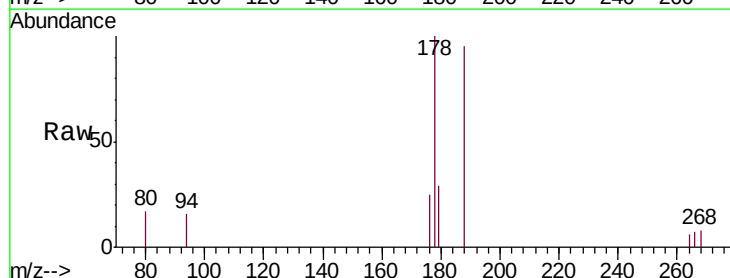
Tgt Ion:178 Resp: 1100

Ion Ratio Lower Upper

178 100

179 29.1 14.1 21.1#

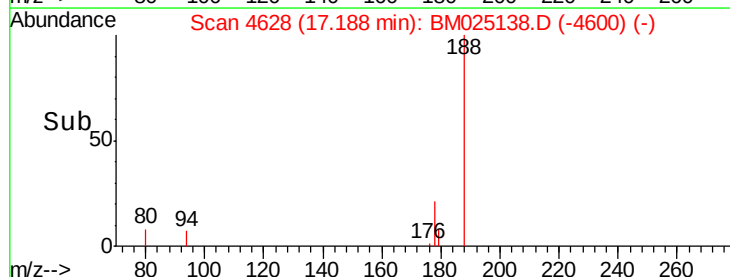
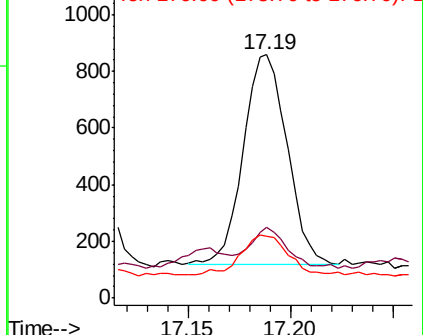
176 25.1 16.2 24.4#

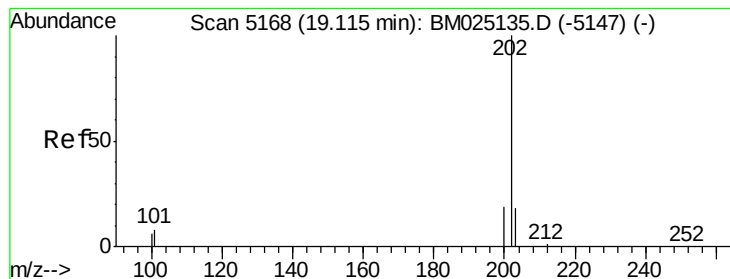


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.068 ng/ul

RT: 19.11 min Scan# 5167

Delta R.T. -0.00 min

Lab File: BM025138.D

Acq: 28 Feb 2020 18:08

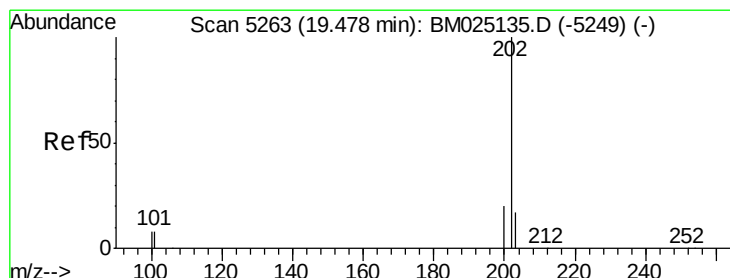
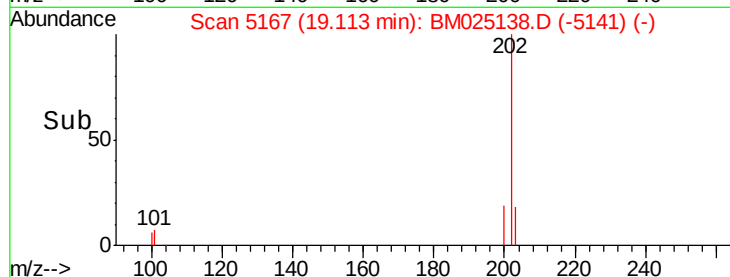
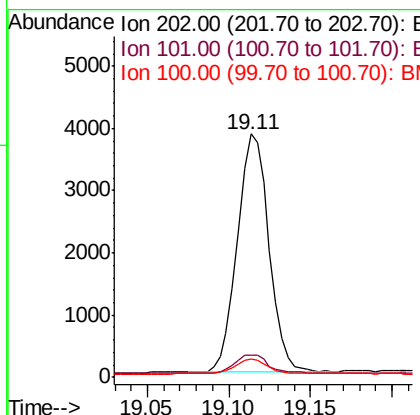
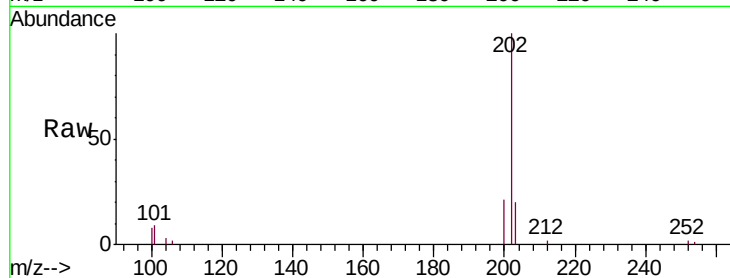
Instrument :

BNA_M

ClientSampleId :

DBD02

Tgt Ion:	202	Resp:	5157
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.4
100	7.5	0.0	28.0



#17

Pyrene

Concen: 0.126 ng/ul

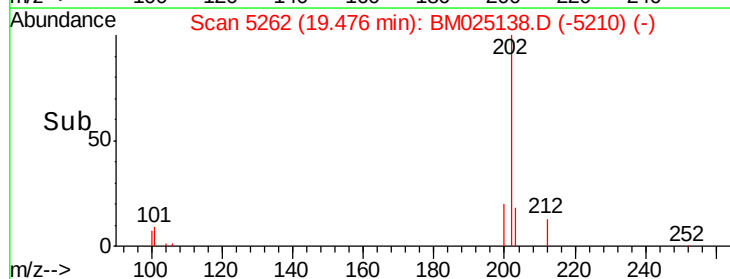
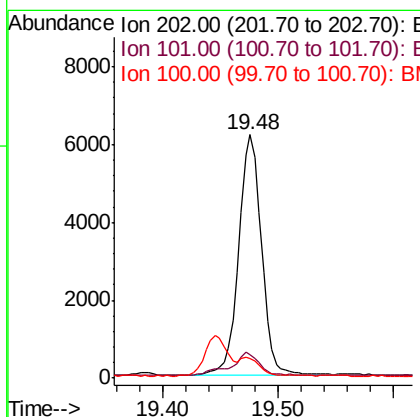
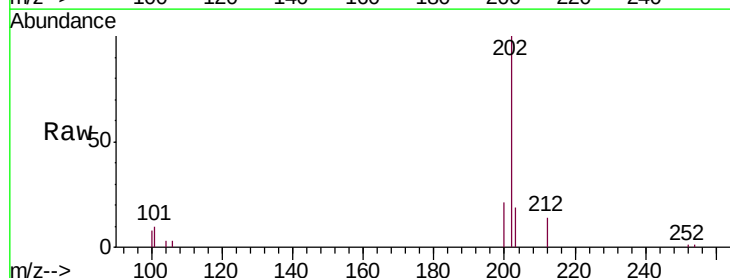
RT: 19.48 min Scan# 5262

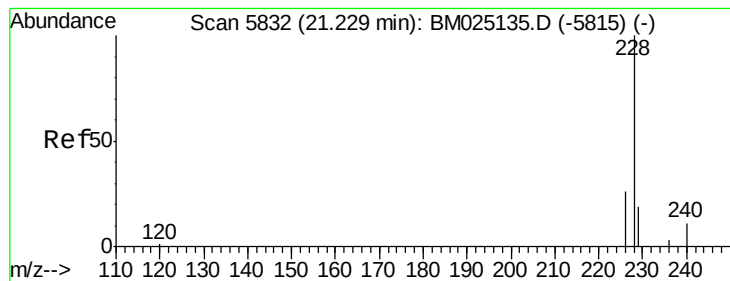
Delta R.T. -0.00 min

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Acq: 28 Feb 2020 18:08

Tgt Ion:	202	Resp:	8508
Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.7	13.1
100	8.3	7.3	10.9





#18

Benzo(a)anthracene

Concen: 0.093 ng/ul

RT: 21.22 min Scan# 5829

Delta R.T. -0.01 min

Lab File: BM025138.D

Acq: 28 Feb 2020 18:08

Instrument :

BNA_M

ClientSampleId :

DBD02

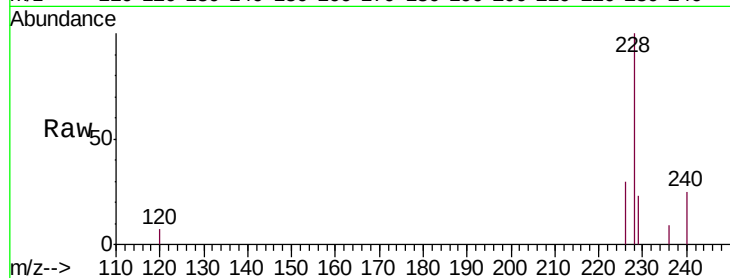
Tgt Ion:228 Resp: 6004

Ion Ratio Lower Upper

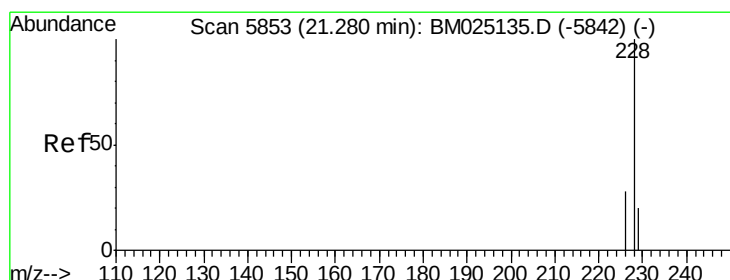
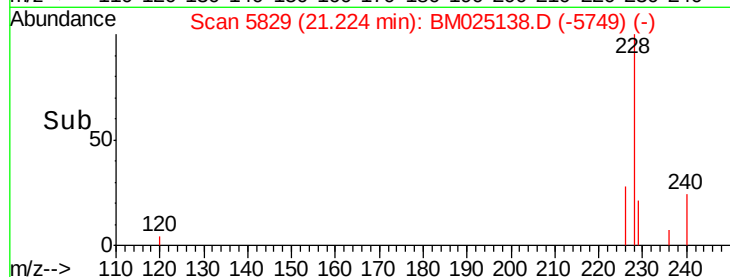
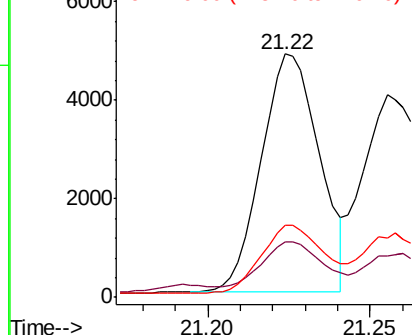
228 100

229 22.6 16.6 25.0

226 29.8 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: 0.144 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.02 min

Lab File: BM025138.D

Acq: 28 Feb 2020 18:08

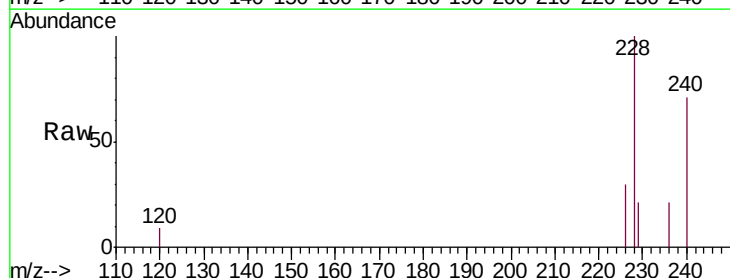
Tgt Ion:228 Resp: 9219

Ion Ratio Lower Upper

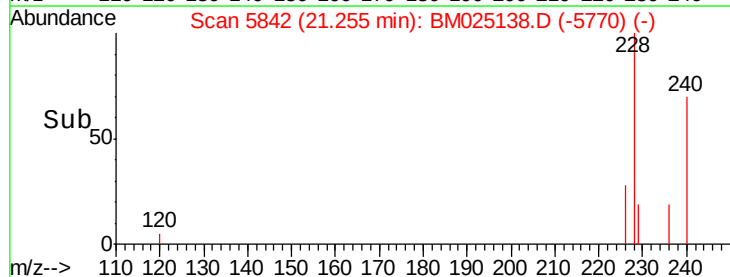
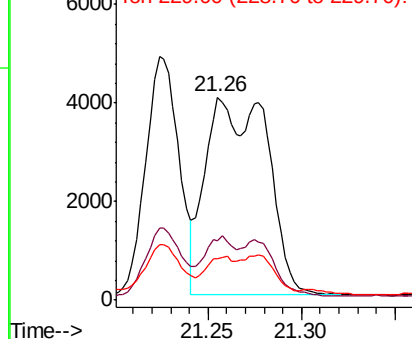
228 100

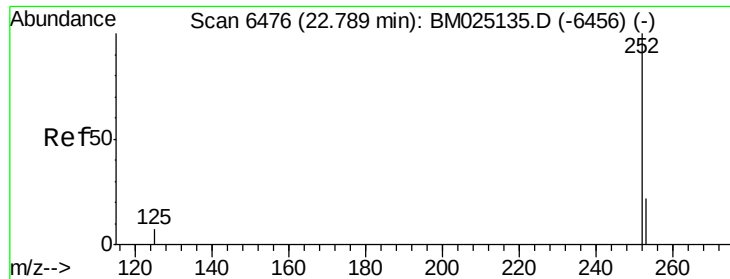
226 29.5 23.8 35.8

229 20.7 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: 0.336 ng/ul

RT: 22.79 min Scan# 6474

Delta R.T. -0.00 min

Lab File: BM025138.D

Acq: 28 Feb 2020 18:08

Instrument :

BNA_M

ClientSampleId :

DBD02

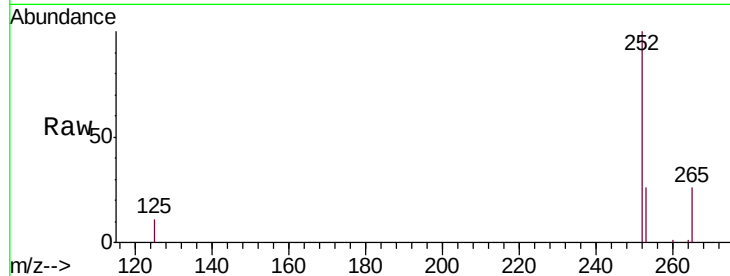
Tgt Ion:252 Resp: 21518

Ion Ratio Lower Upper

252 100

253 26.3 0.0 49.8

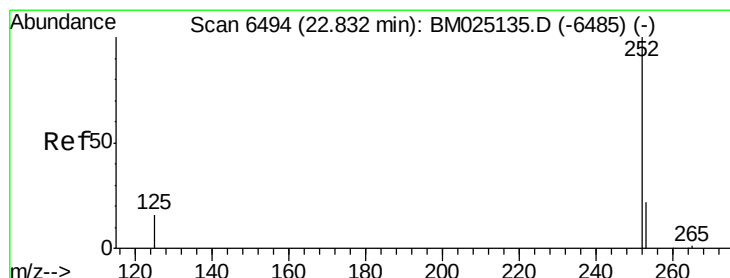
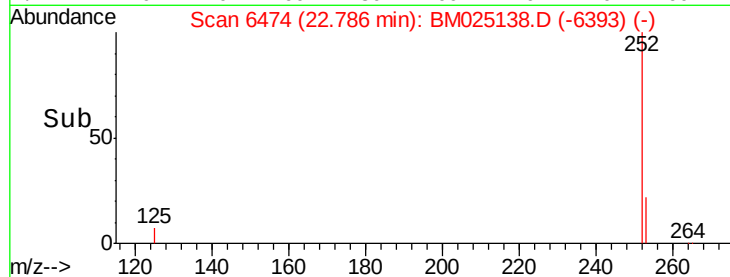
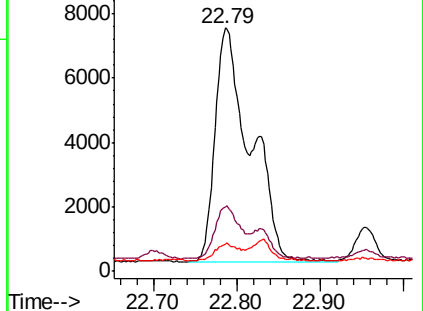
125 11.2 0.0 28.6



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: 0.339 ng/ul

RT: 22.79 min Scan# 6474

Delta R.T. -0.05 min

Lab File: BM025138.D

Acq: 28 Feb 2020 18:08

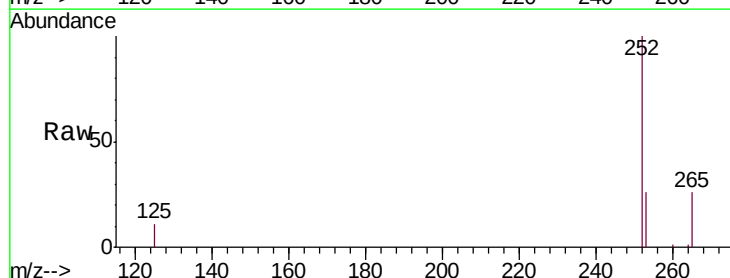
Tgt Ion:252 Resp: 21518

Ion Ratio Lower Upper

252 100

253 26.3 19.4 29.0

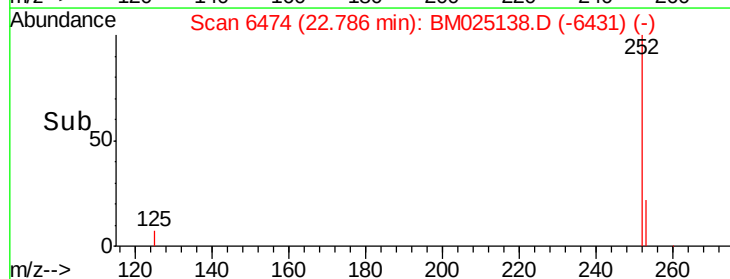
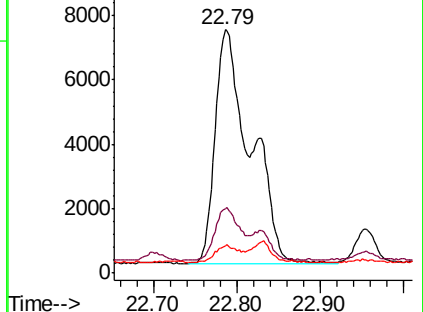
125 11.2 10.7 16.1

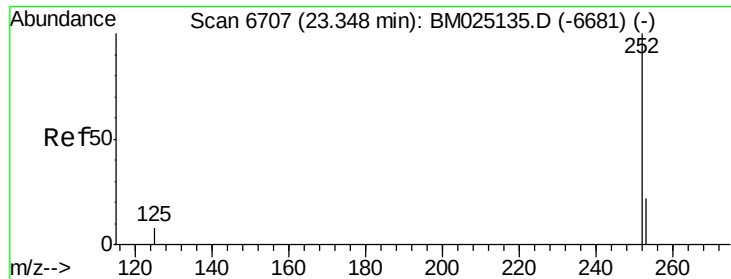


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.123 ng/ul

RT: 23.34 min Scan# 6704

Delta R.T. -0.01 min

Lab File: BM025138.D

Acq: 28 Feb 2020 18:08

Instrument :

BNA_M

ClientSampleId :

DBD02

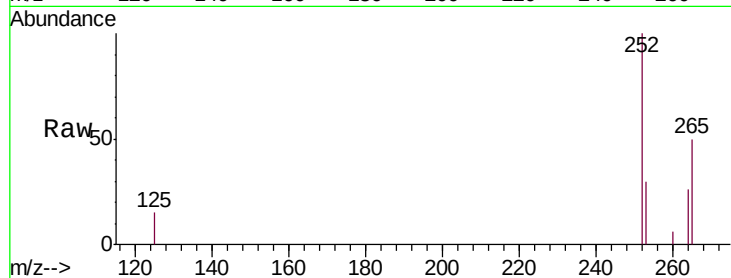
Tgt Ion:252 Resp: 7193

Ion Ratio Lower Upper

252 100

253 30.2 20.3 30.5

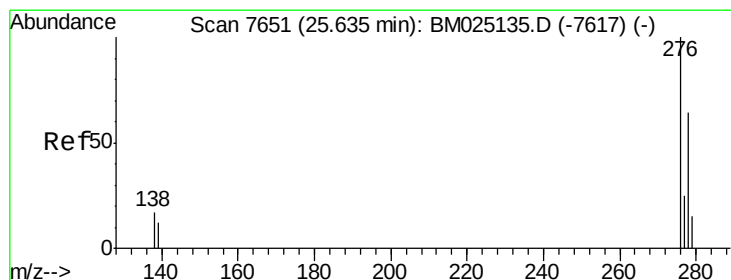
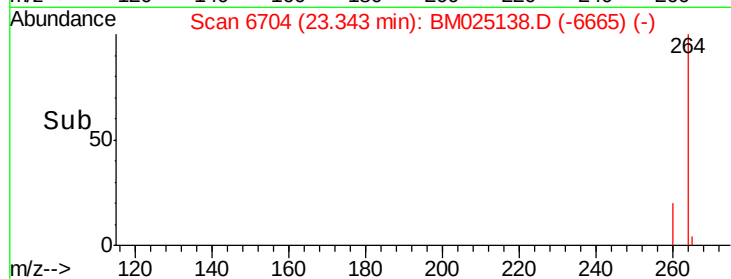
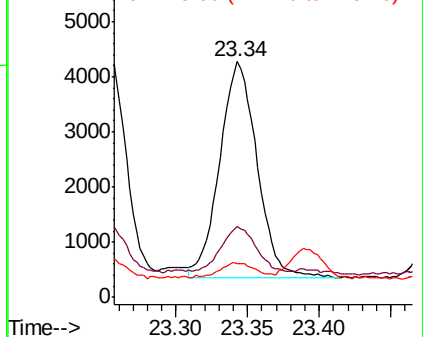
125 14.5 13.0 19.4



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: 0.055 ng/ul

RT: 25.63 min Scan# 7647

Delta R.T. -0.01 min

Lab File: BM025138.D

Acq: 28 Feb 2020 18:08

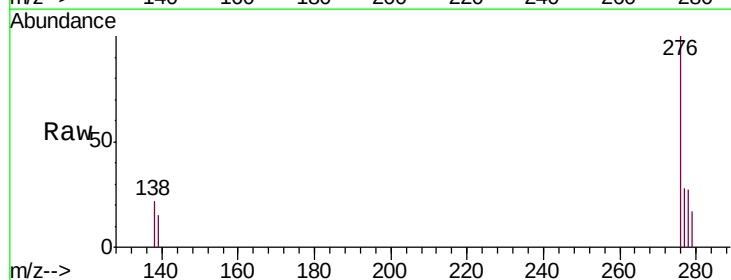
Tgt Ion:276 Resp: 4051

Ion Ratio Lower Upper

276 100

138 18.1 0.0 0.0#

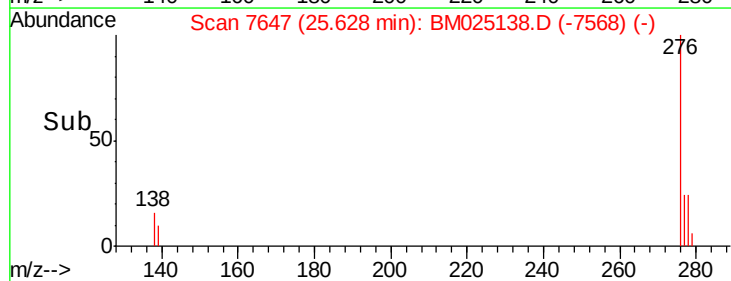
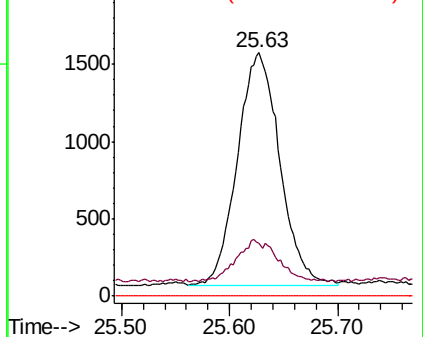
227 0.0 0.0 0.0

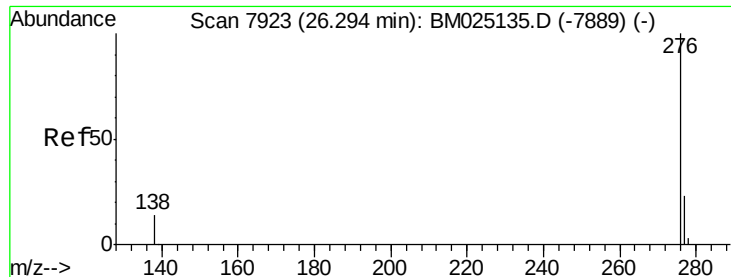


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.039 ng/ul

RT: 26.29 min Scan# 7919

Delta R.T. -0.01 min

Lab File: BM025138.D

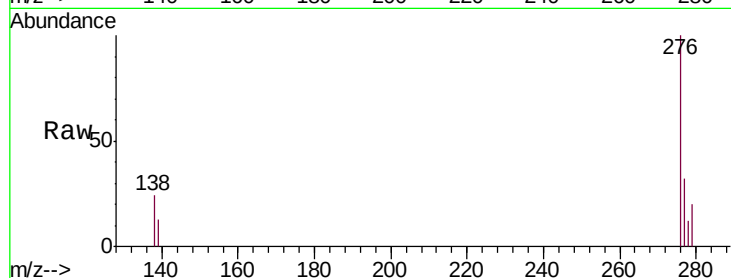
Acq: 28 Feb 2020 18:08

Instrument :

BNA_M

ClientSampleId :

DBD02



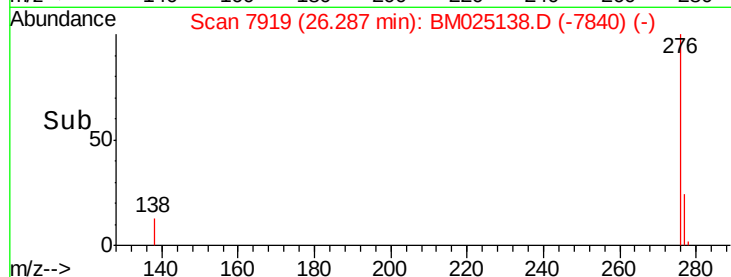
Tgt Ion: 276 Resp: 2419

Ion Ratio Lower Upper

276 100

138 24.3 17.9 26.9

277 31.6 20.5 30.7#



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

