

Data File : BM025144.D
Acq On : 28 Feb 2020 21:45
Operator : CG/JU
Sample : L1507-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD08

Quant Time: Feb 29 04:47:04 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

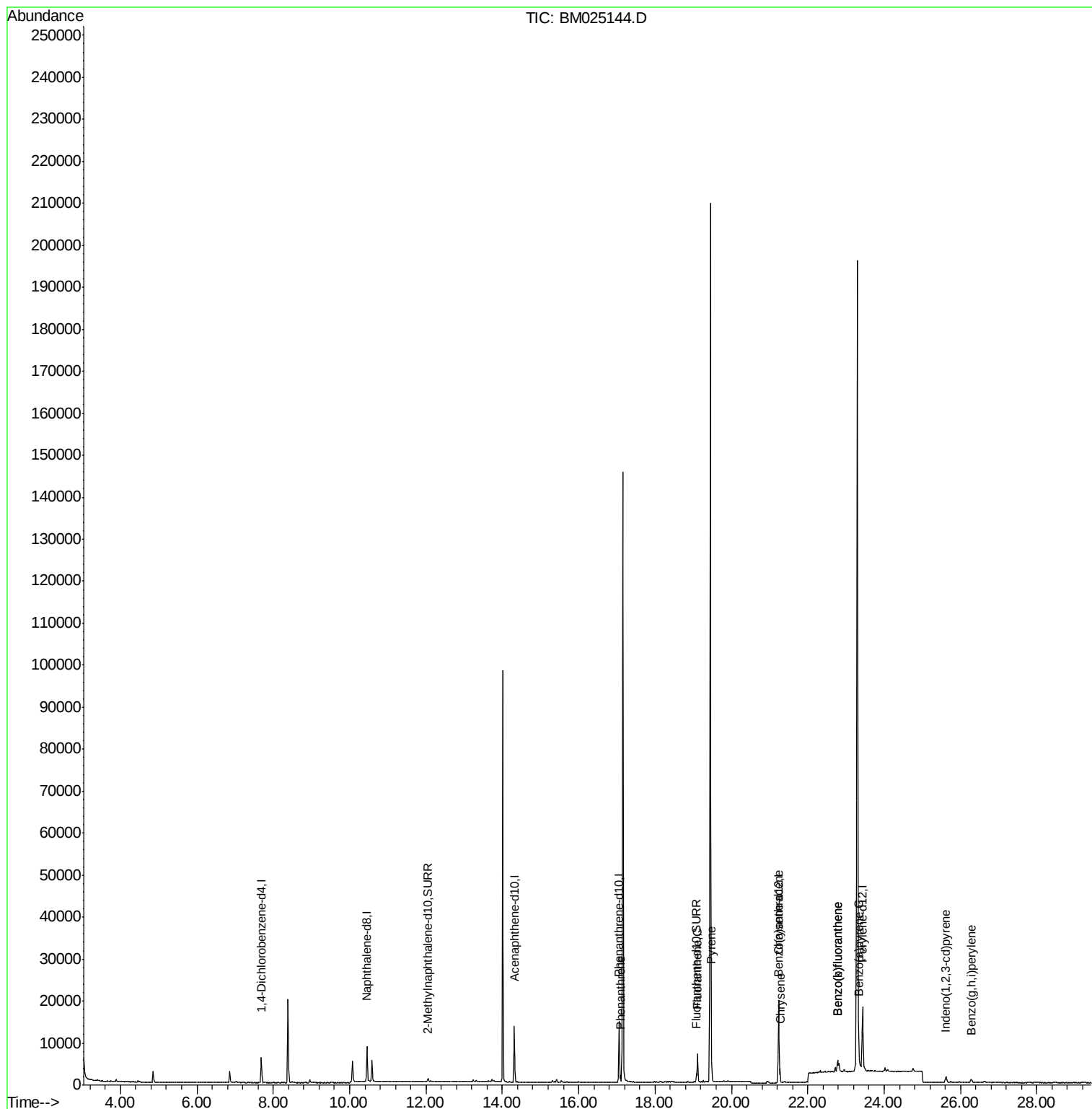
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3029	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	11566	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7186	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16743	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	17206	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	19241	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	847	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2337	0.04	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.10	178	1954	0.033	ng/ul#	92
15) Fluoranthene	19.11	202	5775	0.068	ng/ul	99
17) Pyrene	19.47	202	6129	0.079	ng/ul	99
18) Benzo(a)anthracene	21.22	228	2735	0.037	ng/ul	95
19) Chrysene	21.27	228	3341	0.045	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	6240	0.083	ng/ul	82
22) Benzo(k)fluoranthene	22.78	252	6240	0.084	ng/ul#	80
23) Benzo(a)pyrene	23.34	252	2707	0.039	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.62	276	1940	0.022	ng/ul#	100
26) Benzo(g,h,i)perylene	26.28	276	1595	0.022	ng/ul#	85

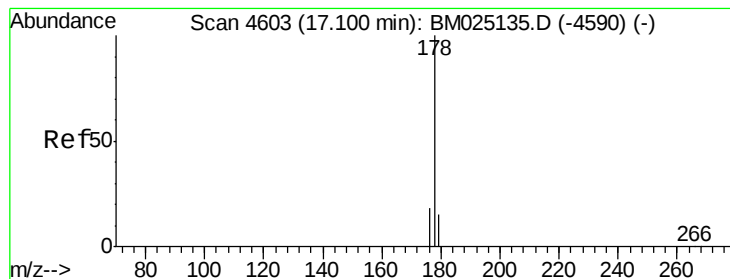
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.033 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

DBD08

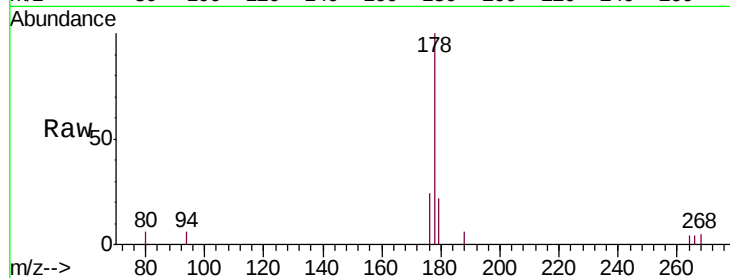
Tgt Ion:178 Resp: 1954

Ion Ratio Lower Upper

178 100

179 21.7 14.0 21.0#

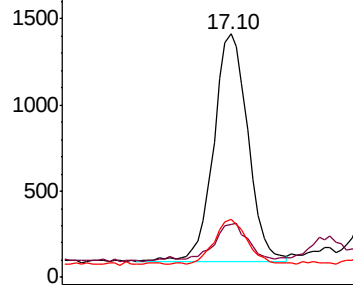
176 23.9 16.6 24.8



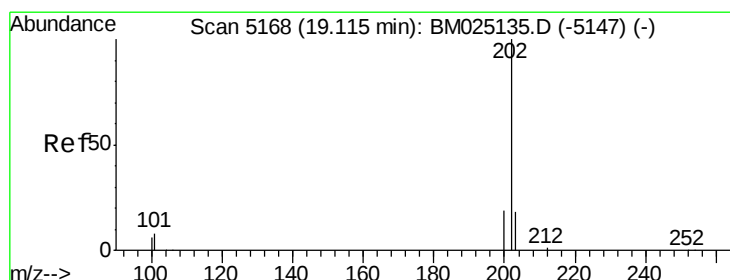
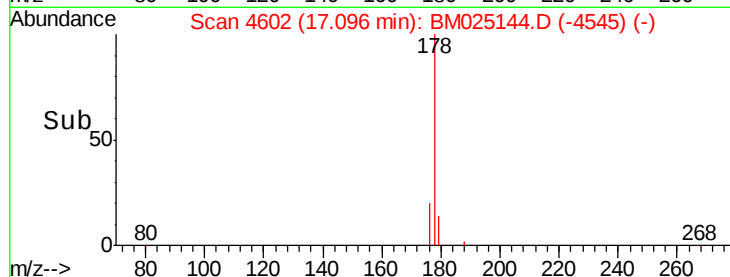
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 0.068 ng/ul

RT: 19.11 min Scan# 5167

Delta R.T. -0.00 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

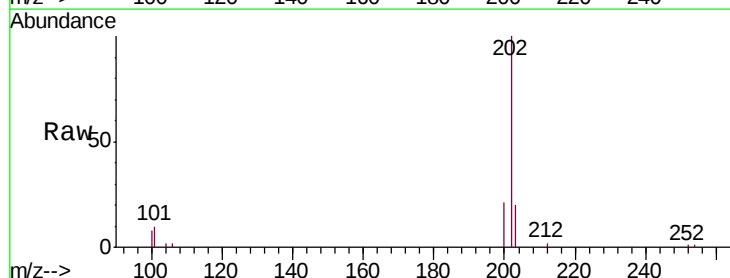
Tgt Ion:202 Resp: 5775

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.4

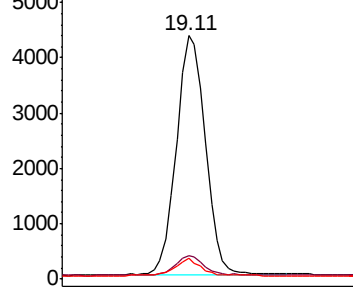
100 8.4 0.0 28.0



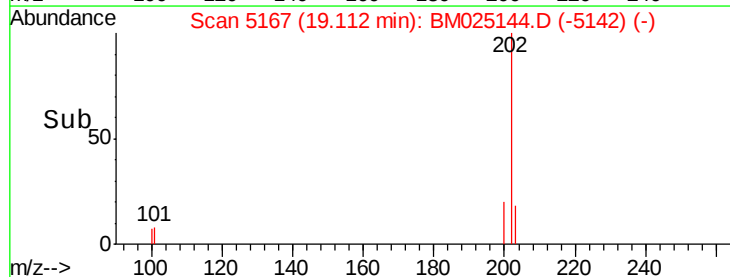
Abundance Ion 202.00 (201.70 to 202.70): E

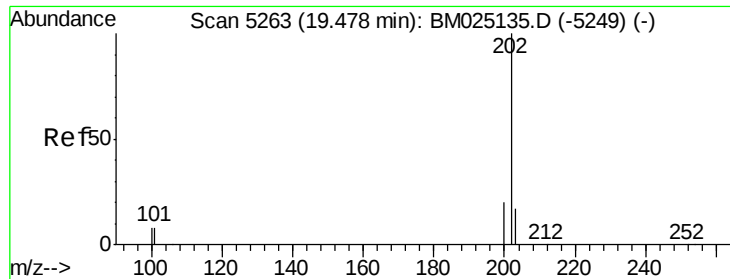
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->

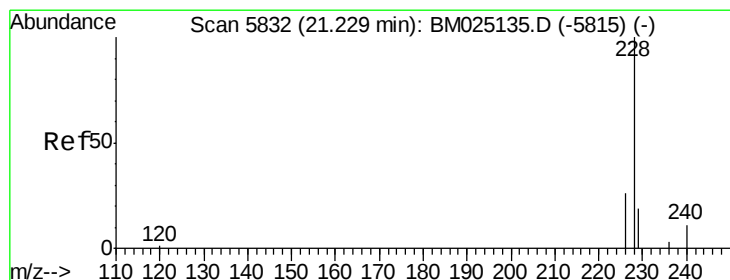
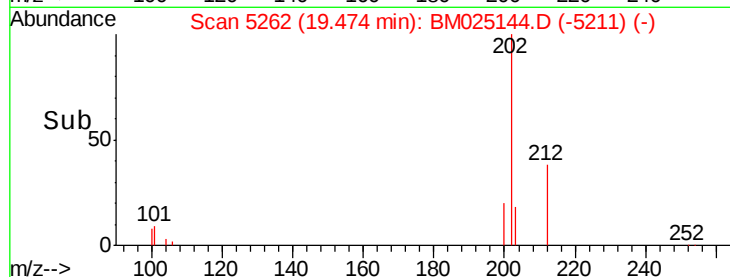
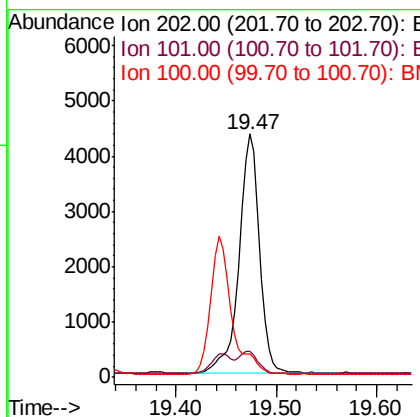
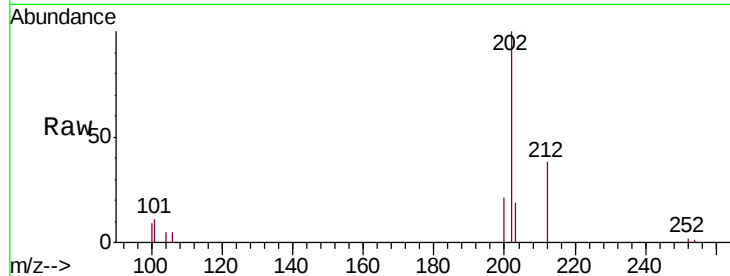




#17
 Pyrene
 Concen: 0.079 ng/ul
 RT: 19.47 min Scan# 5262
 Delta R.T. -0.00 min
 Lab File: BM025144.D
 Acq: 28 Feb 2020 21:45

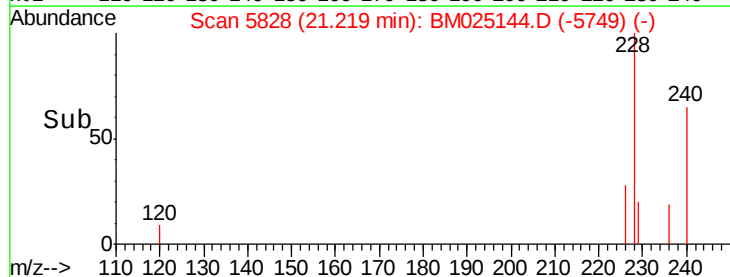
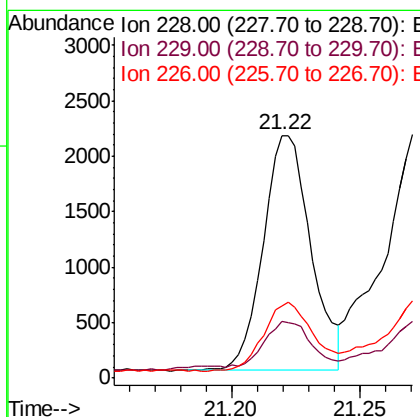
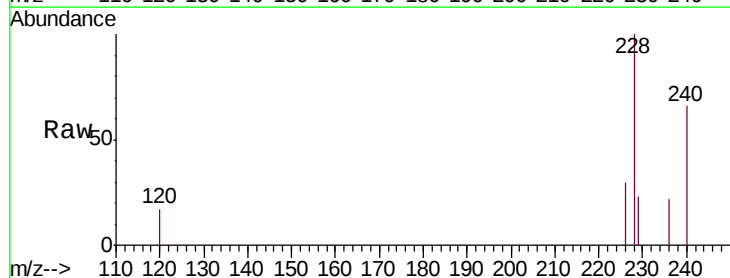
Instrument :
 BNA_M
 ClientSampleId :
 DBD08

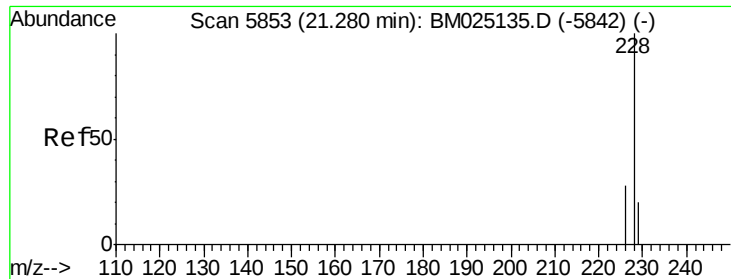
Tgt Ion:202 Resp: 6129
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.7 13.1
 100 9.5 7.3 10.9



#18
 Benzo(a)anthracene
 Concen: 0.037 ng/ul
 RT: 21.22 min Scan# 5828
 Delta R.T. -0.01 min
 Lab File: BM025144.D
 Acq: 28 Feb 2020 21:45

Tgt Ion:228 Resp: 2735
 Ion Ratio Lower Upper
 228 100
 229 23.3 16.6 25.0
 226 29.8 21.9 32.9





#19

Chrysene

Concen: 0.045 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

Instrument :

BNA_M

ClientSampleId :

DBD08

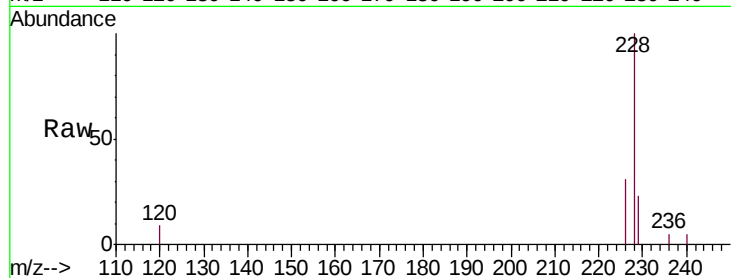
Tgt Ion:228 Resp: 3341

Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.8

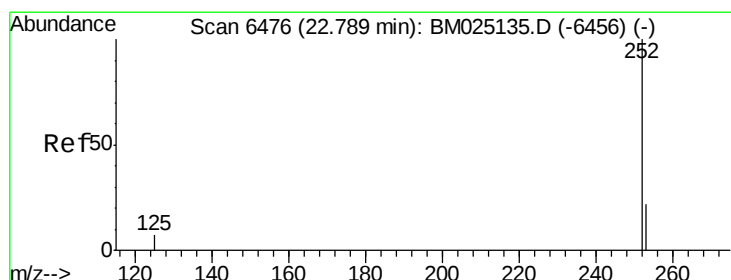
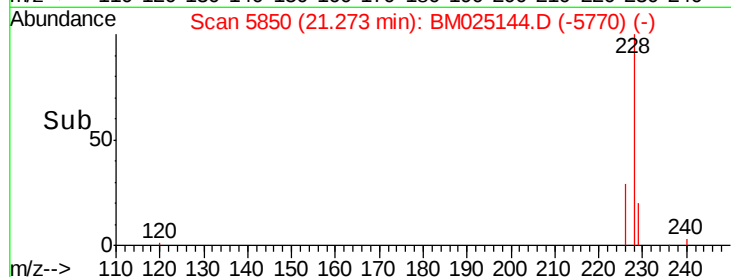
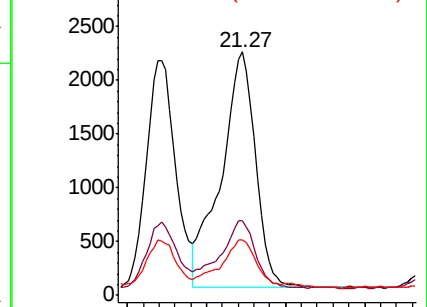
229 23.0 16.9 25.3



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: 0.083 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.01 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

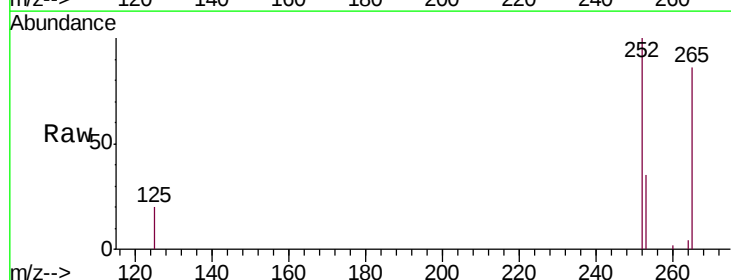
Tgt Ion:252 Resp: 6240

Ion Ratio Lower Upper

252 100

253 35.0 0.0 49.8

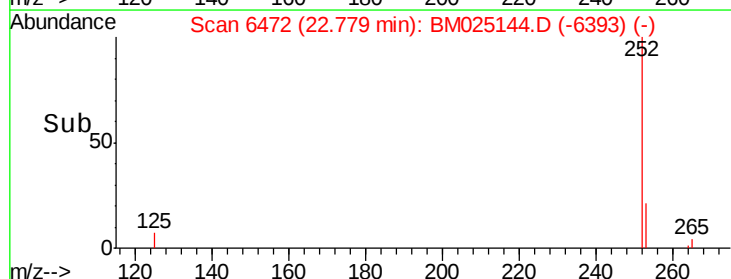
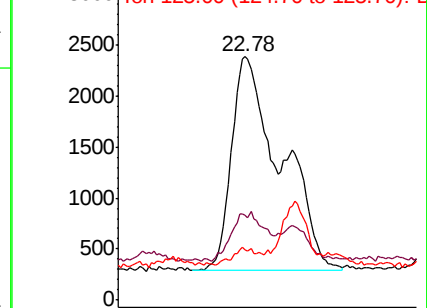
125 20.4 0.0 28.6

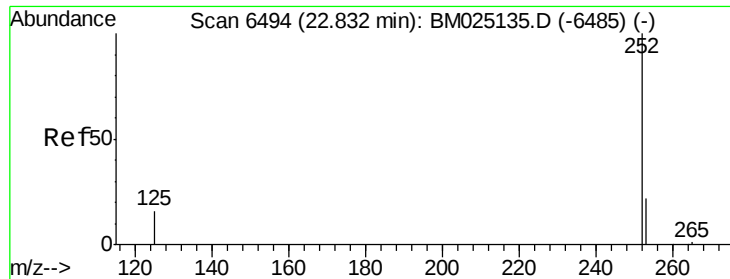


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.084 ng/u1

RT: 22.78 min Scan# 6472

Delta R.T. -0.05 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

Instrument :

BNA_M

ClientSampleId :

DBD08

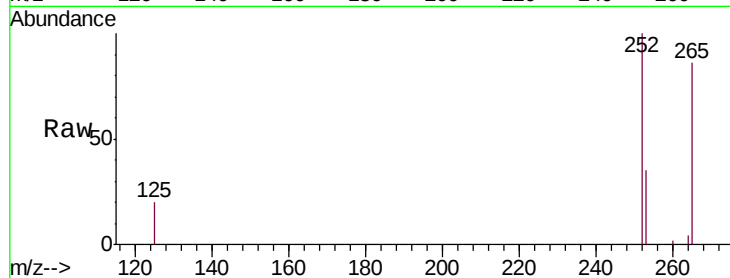
Tgt Ion:252 Resp: 6240

Ion Ratio Lower Upper

252 100

253 35.0 19.4 29.0#

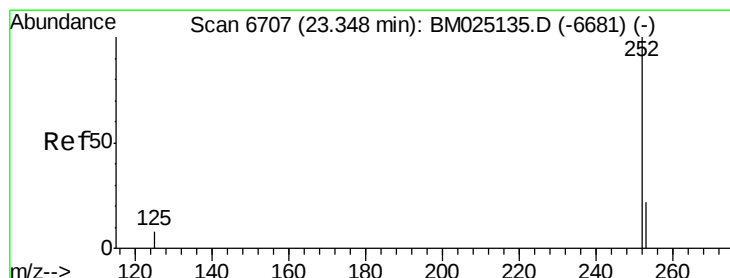
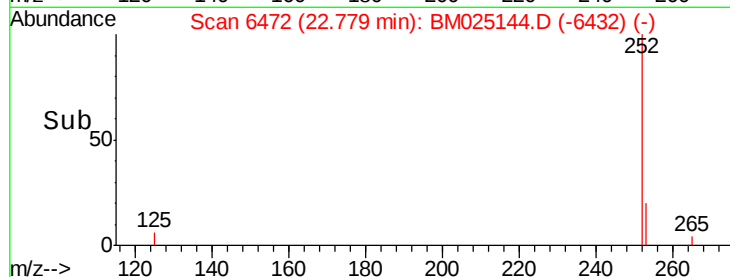
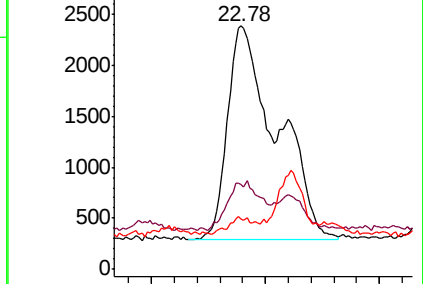
125 20.4 10.7 16.1#



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: 0.039 ng/u1

RT: 23.34 min Scan# 6703

Delta R.T. -0.01 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

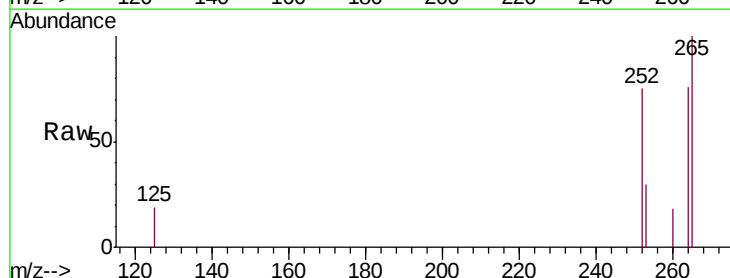
Tgt Ion:252 Resp: 2707

Ion Ratio Lower Upper

252 100

253 40.4 20.3 30.5#

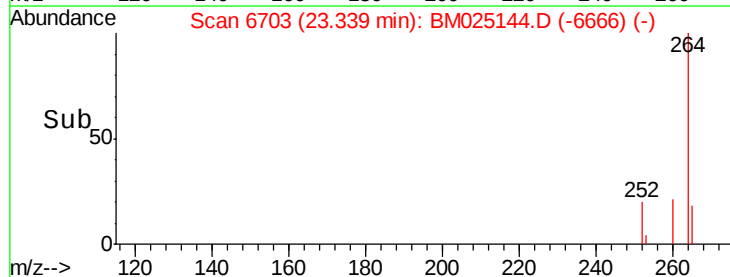
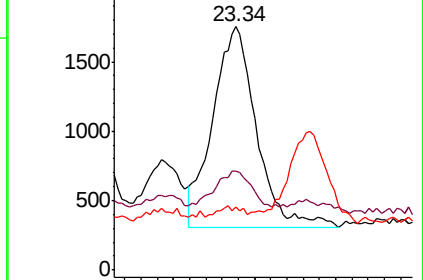
125 25.7 13.0 19.4#

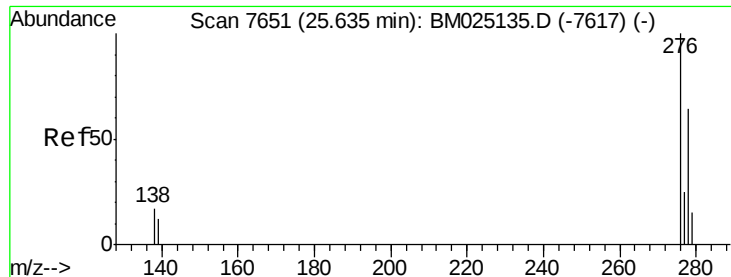


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.022 ng/ul

RT: 25.62 min Scan# 7644

Delta R.T. -0.02 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

Instrument :

BNA_M

ClientSampleId :

DBD08

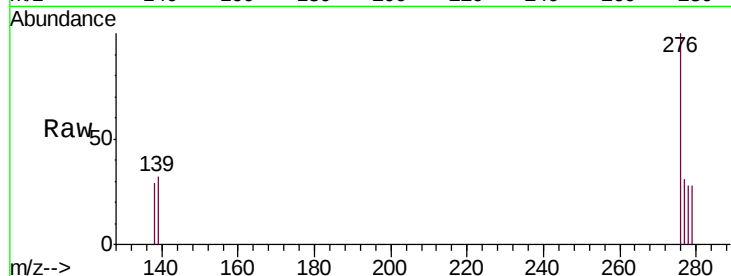
Tgt Ion:276 Resp: 1940

Ion Ratio Lower Upper

276 100

138 21.9 0.0 0.0#

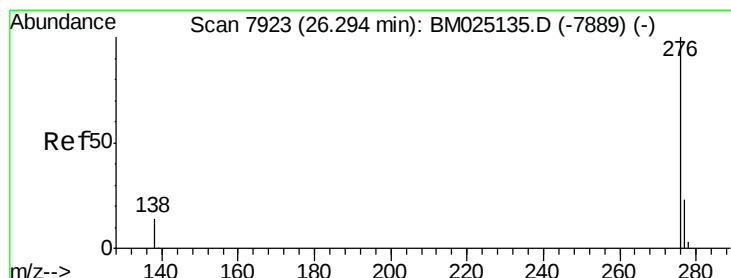
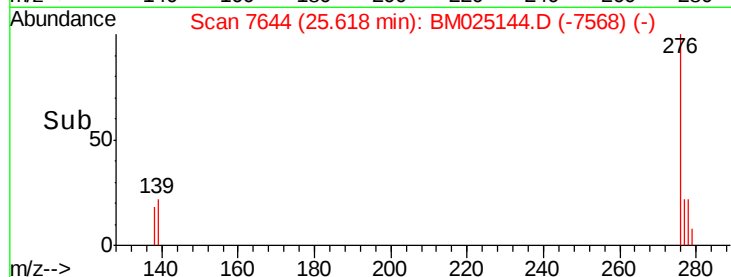
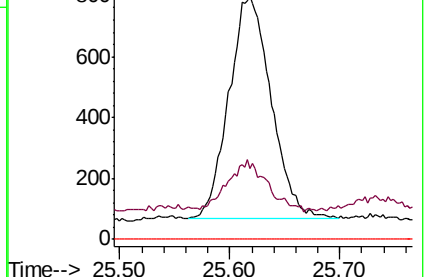
227 0.0 0.0 0.0



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: 0.022 ng/ul

RT: 26.28 min Scan# 7918

Delta R.T. -0.01 min

Lab File: BM025144.D

Acq: 28 Feb 2020 21:45

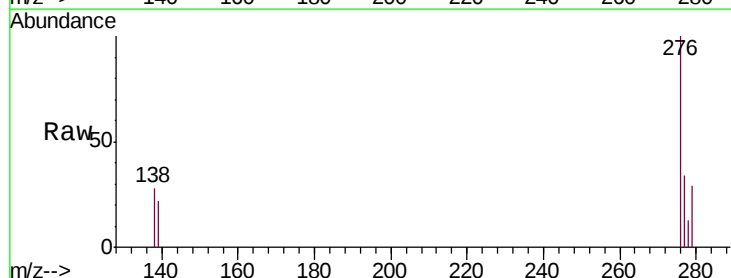
Tgt Ion:276 Resp: 1595

Ion Ratio Lower Upper

276 100

138 28.4 17.9 26.9#

277 33.9 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

