

Data File : BM025147.D
Acq On : 28 Feb 2020 23:33
Operator : CG/JU
Sample : L1507-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD11

Quant Time: Feb 29 04:47:25 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

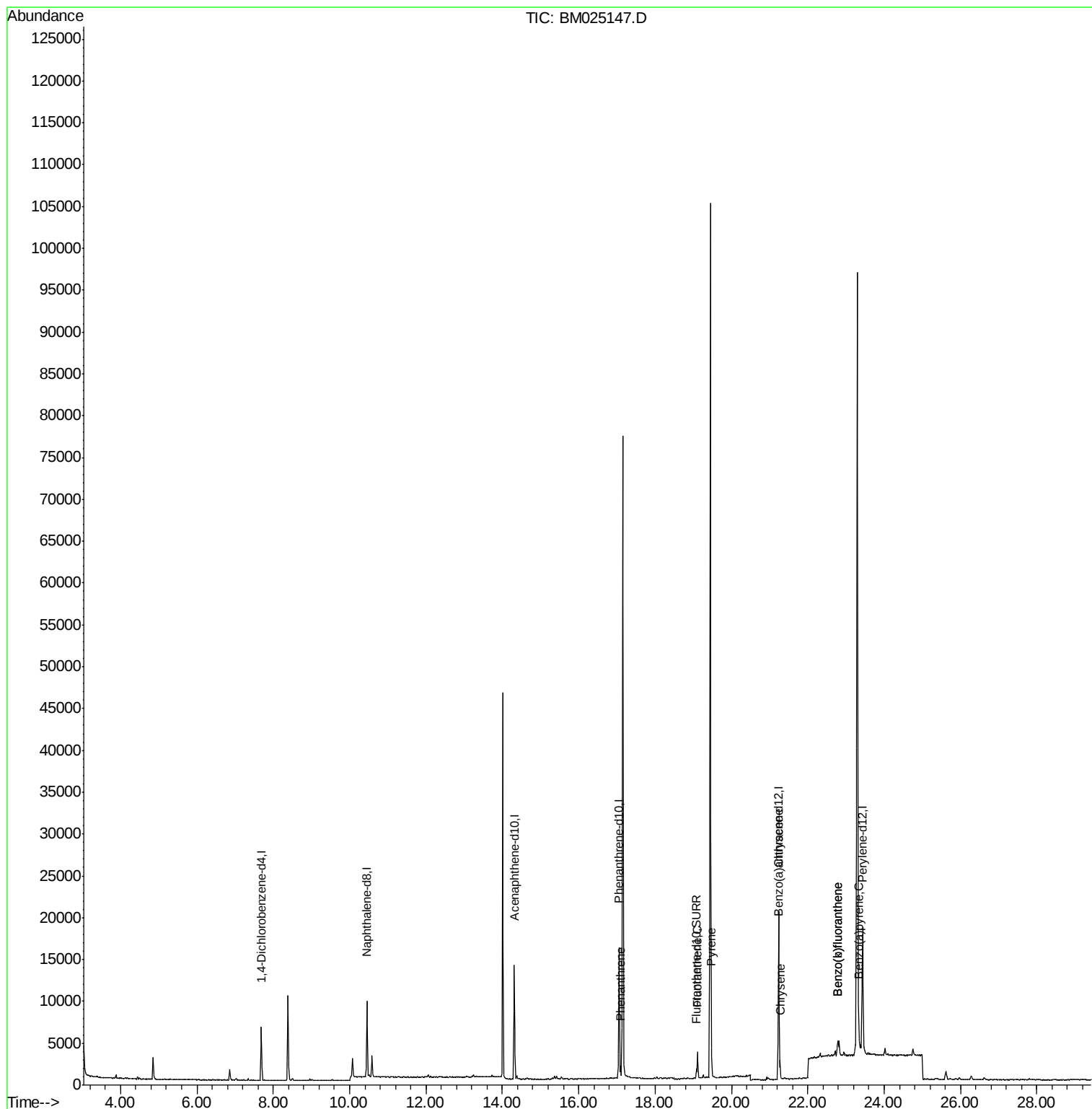
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3125	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	12047	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7619	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17880	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	17301	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18627	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	399	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1259	0.02	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.10	178	1503	0.024	ng/ul#	81
15) Fluoranthene	19.11	202	2756	0.030	ng/ul	95
17) Pyrene	19.47	202	3261	0.042	ng/ul	96
18) Benzo(a)anthracene	21.22	228	1976	0.026	ng/ul#	88
19) Chrysene	21.27	228	2291	0.031	ng/ul#	92
21) Benzo(b)fluoranthene	22.78	252	4088	0.056	ng/ul#	62
22) Benzo(k)fluoranthene	22.78	252	4088	0.057	ng/ul#	60
23) Benzo(a)pyrene	23.34	252	2235	0.034	ng/ul#	60

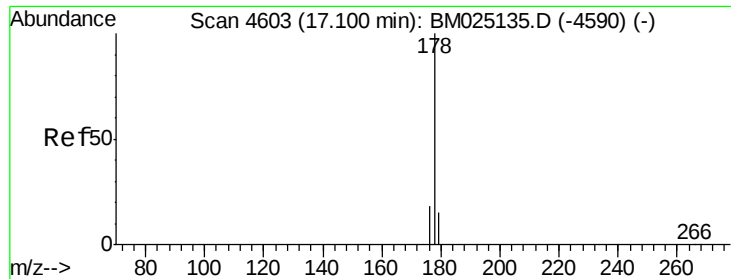
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.024 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

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DBD11

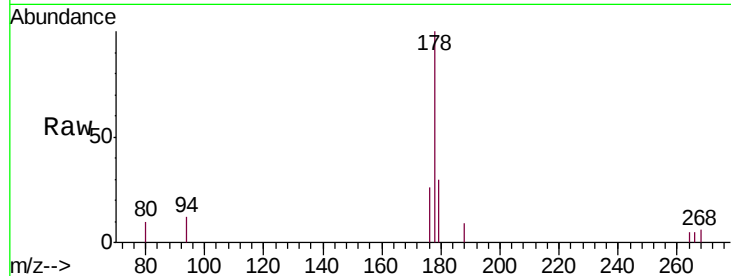
Tgt Ion:178 Resp: 1503

Ion Ratio Lower Upper

178 100

179 30.4 14.0 21.0#

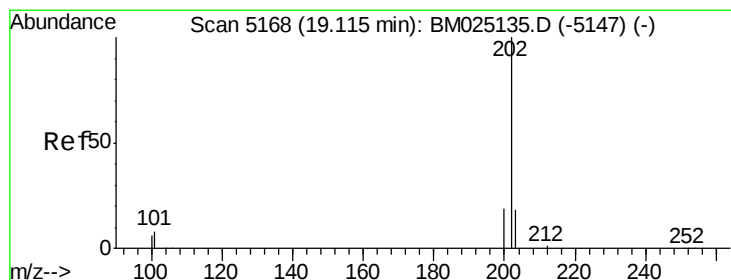
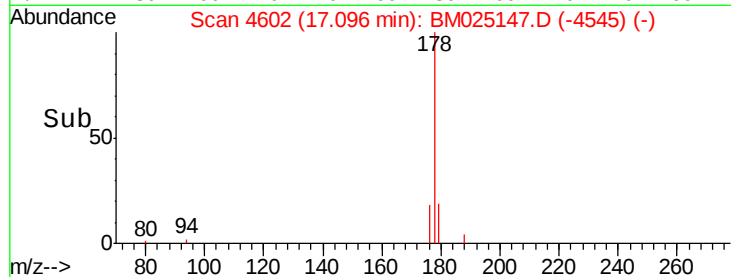
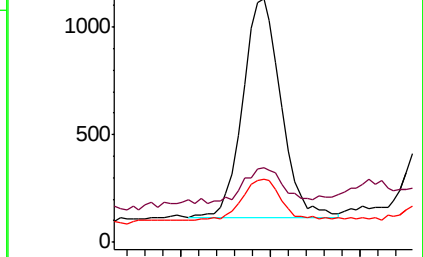
176 25.7 16.6 24.8#



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: 0.030 ng/ul

RT: 19.11 min Scan# 5167

Delta R.T. -0.00 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

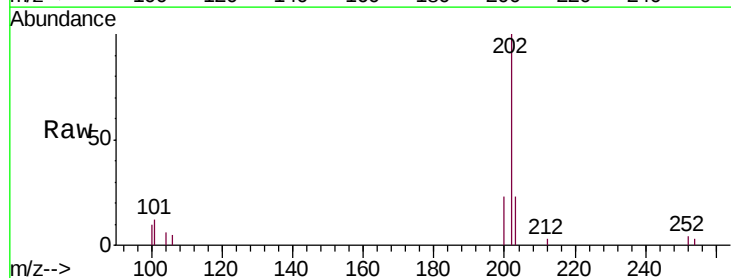
Tgt Ion:202 Resp: 2756

Ion Ratio Lower Upper

202 100

101 11.6 0.0 29.4

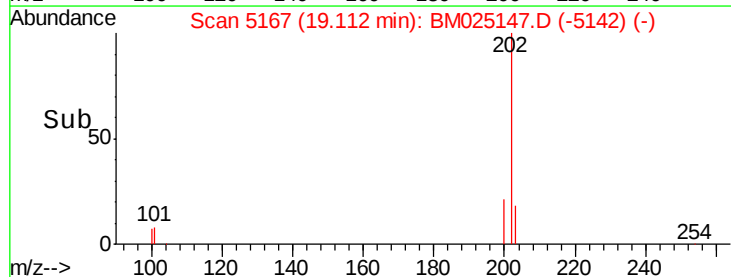
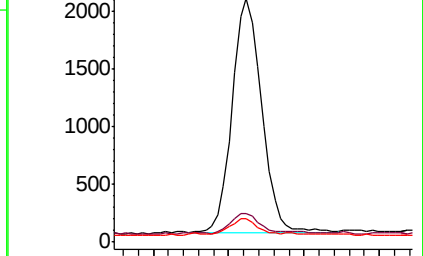
100 9.6 0.0 28.0

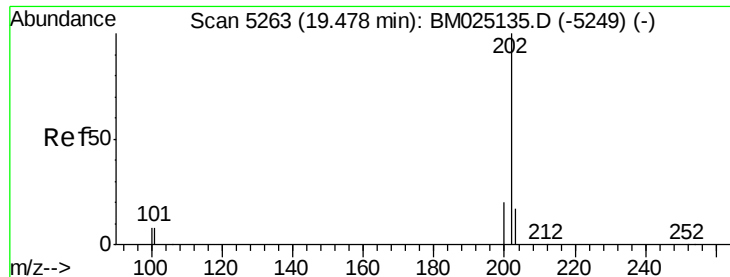


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

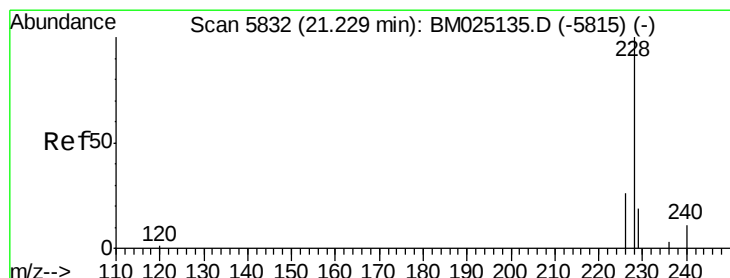
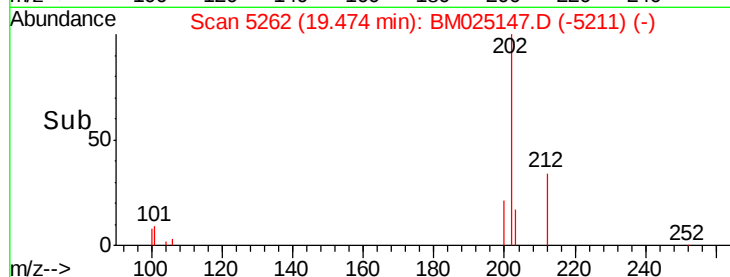
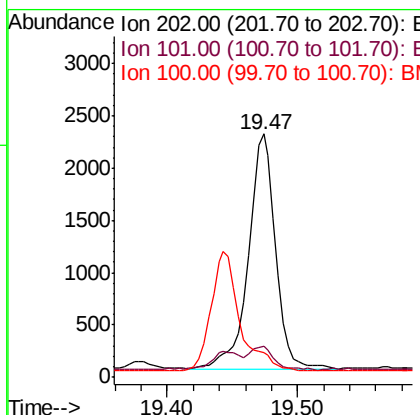
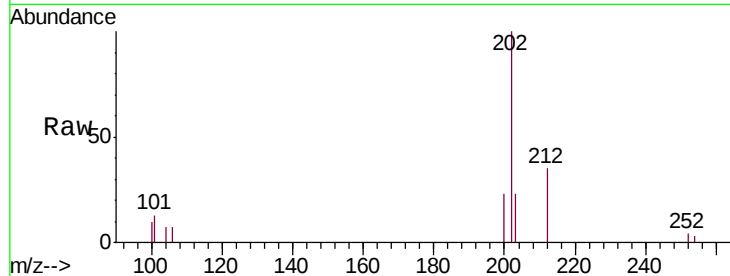




#17
Pyrene
Concen: 0.042 ng/ul
RT: 19.47 min Scan# 5262
Delta R.T. -0.00 min
Lab File: BM025147.D
Acq: 28 Feb 2020 23:33

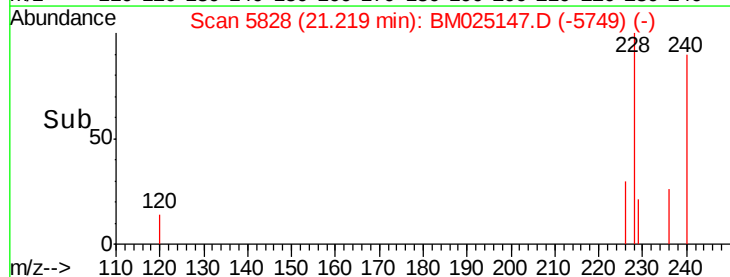
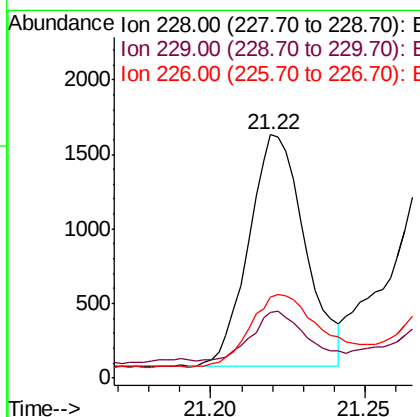
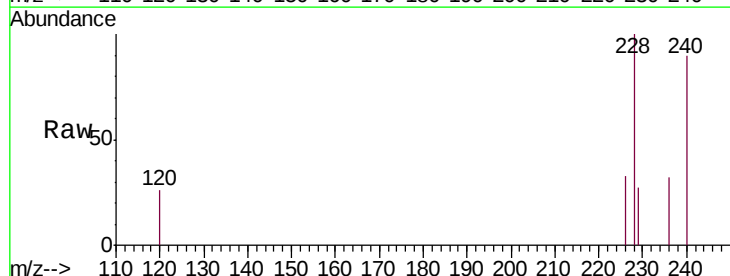
Instrument :
BNA_M
ClientSampleId :
DBD11

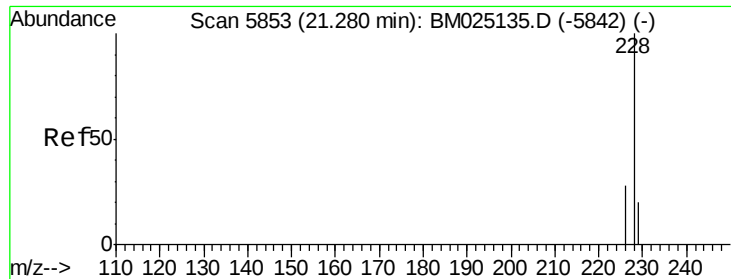
Tgt Ion:202 Resp: 3261
Ion Ratio Lower Upper
202 100
101 12.9 8.7 13.1
100 10.2 7.3 10.9



#18
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM025147.D
Acq: 28 Feb 2020 23:33

Tgt Ion:228 Resp: 1976
Ion Ratio Lower Upper
228 100
229 27.0 16.6 25.0#
226 33.1 21.9 32.9#





#19

Chrysene

Concen: 0.031 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

Instrument :

BNA_M

ClientSampleId :

DBD11

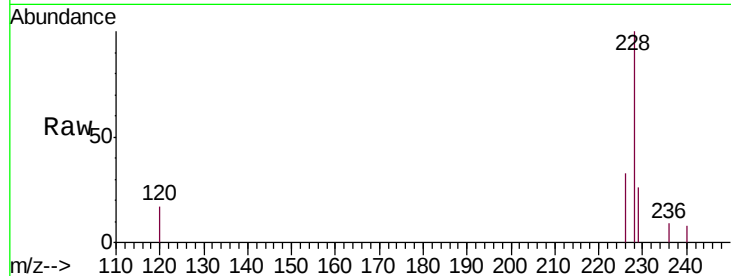
Tgt Ion:228 Resp: 2291

Ion Ratio Lower Upper

228 100

226 32.7 23.8 35.8

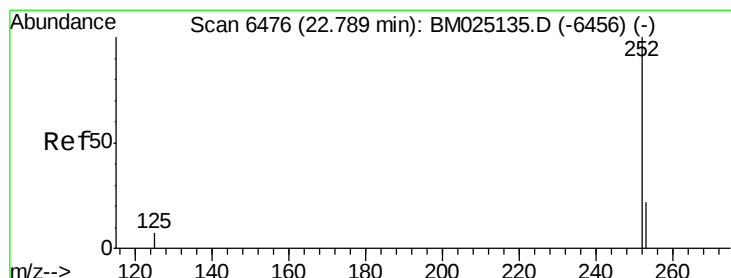
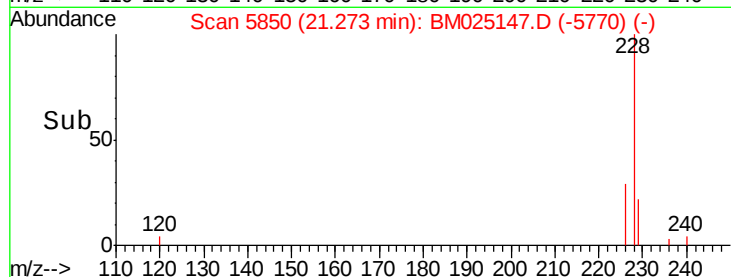
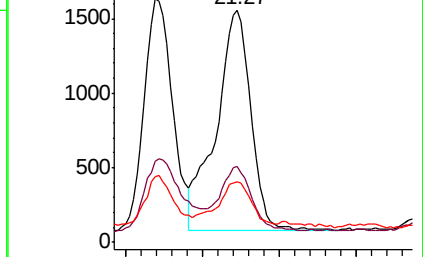
229 26.3 16.9 25.3#



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: 0.056 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. -0.01 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

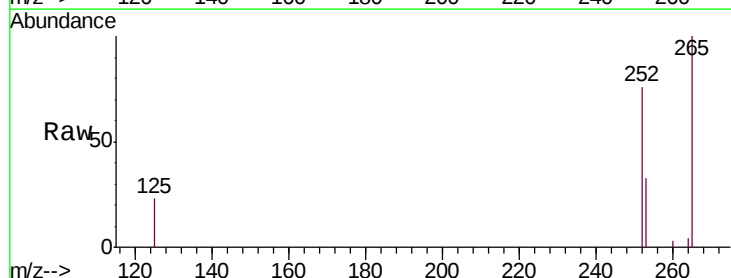
Tgt Ion:252 Resp: 4088

Ion Ratio Lower Upper

252 100

253 43.2 0.0 49.8

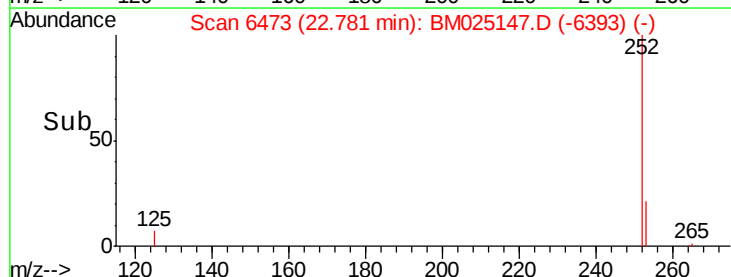
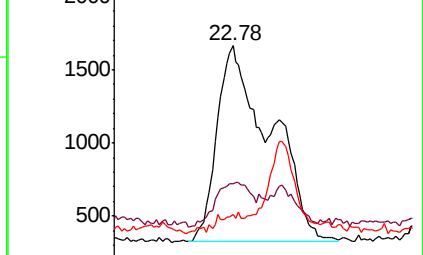
125 30.9 0.0 28.6#

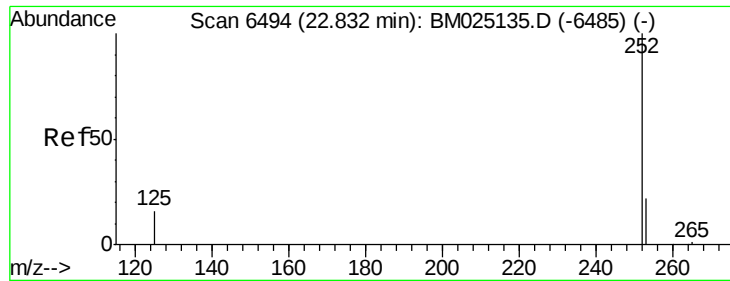


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.057 ng/u1

RT: 22.78 min Scan# 6473

Delta R.T. -0.05 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

Instrument :

BNA_M

ClientSampleId :

DBD11

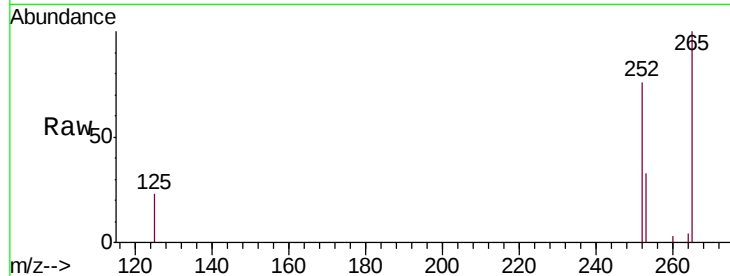
Tgt Ion:252 Resp: 4088

Ion Ratio Lower Upper

252 100

253 43.2 19.4 29.0#

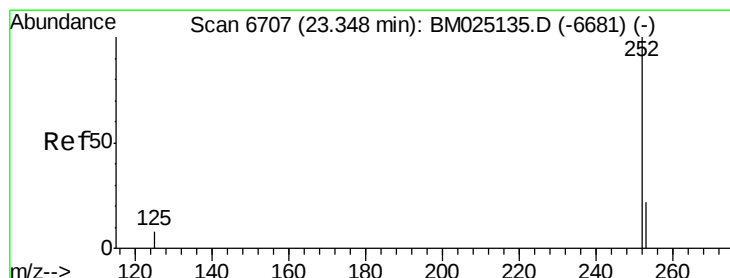
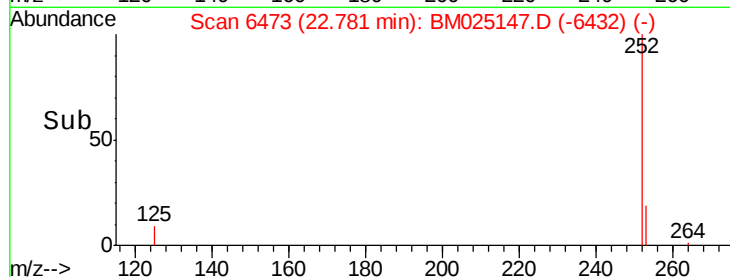
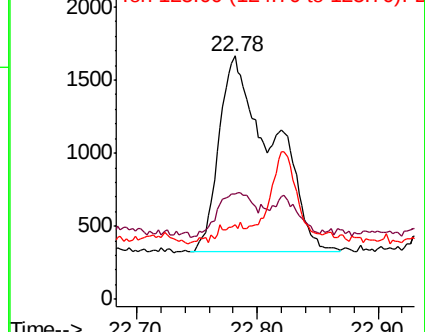
125 30.9 10.7 16.1#



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: 0.034 ng/u1

RT: 23.34 min Scan# 6703

Delta R.T. -0.01 min

Lab File: BM025147.D

Acq: 28 Feb 2020 23:33

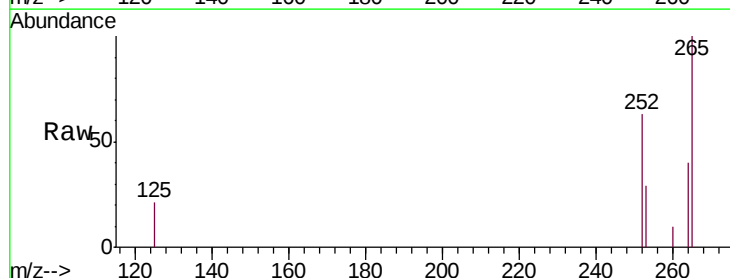
Tgt Ion:252 Resp: 2235

Ion Ratio Lower Upper

252 100

253 46.4 20.3 30.5#

125 32.5 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

