

Data File : BM025165.D
Acq On : 29 Feb 2020 13:18
Operator : CG/JU
Sample : L1542-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD43

Quant Time: Mar 02 01:18:24 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 : Mon Mar 02 01:15:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2285	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	8824	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	5757	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.24	240	13404	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	15263	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6747	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	17223	0.00	ng/ul	0.00

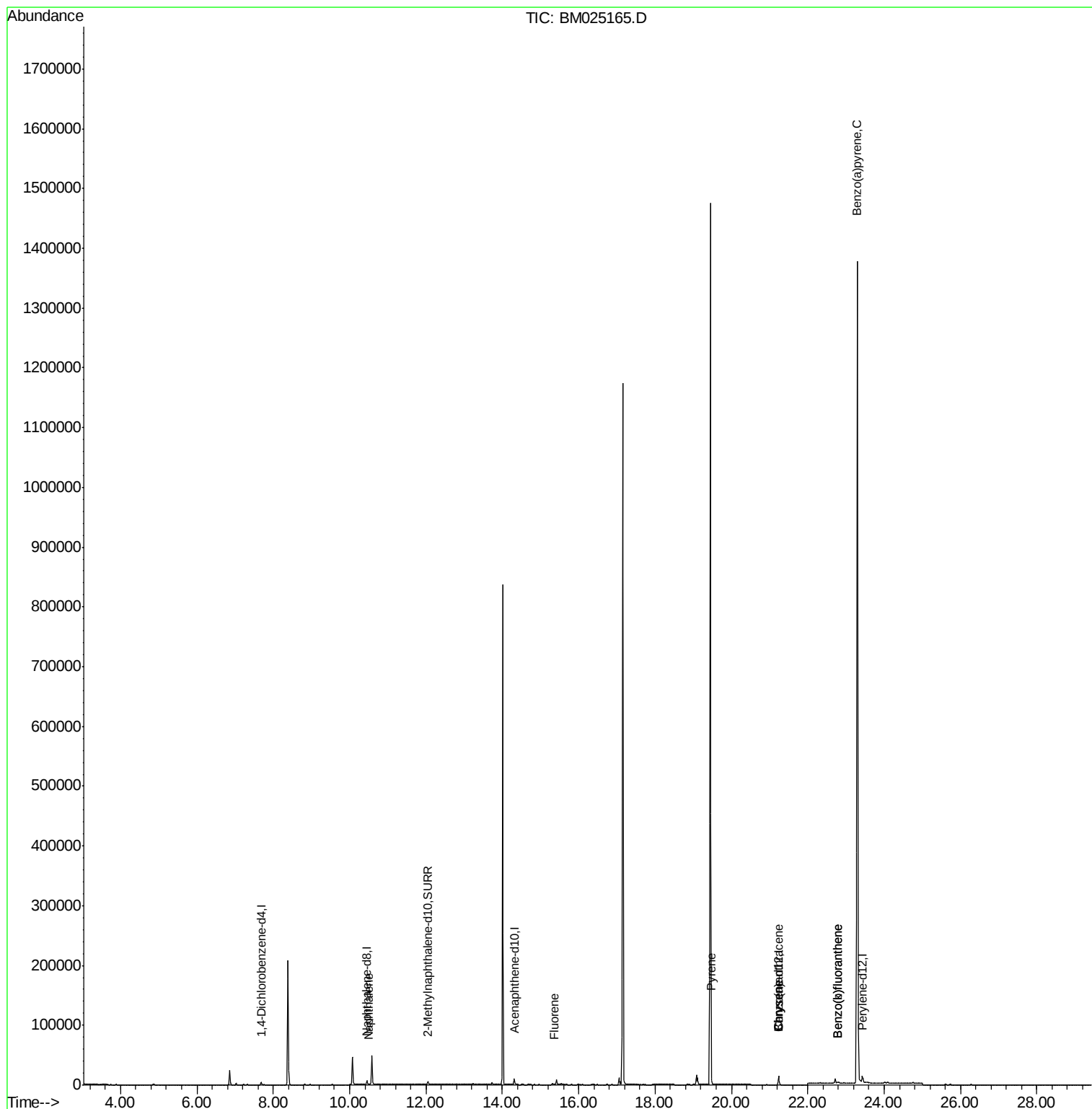
Target Compounds				Qvalue		
3) Naphthalene	10.50	128	543	0.020	ng/ul#	80
9) Fluorene	15.37	166	621	0.022	ng/ul#	94
17) Pyrene	19.47	202	7317	0.121	ng/ul	98
18) Benzo(a)anthracene	21.22	228	1630	0.028	ng/ul	92
19) Chrysene	21.22	228	1630	0.028	ng/ul	95
21) Benzo(b)fluoranthene	22.78	252	1836	0.031	ng/ul#	15
22) Benzo(k)fluoranthene	22.78	252	1836	0.031	ng/ul#	12
23) Benzo(a)pyrene	23.30	252	6075	0.111	ng/ul#	78

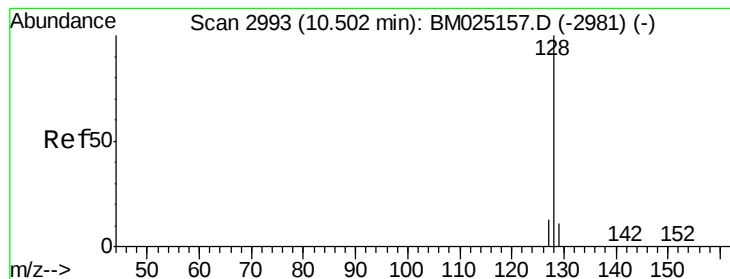
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.50 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BM025165.D

Acq: 29 Feb 2020 13:18

Instrument :

BNA_M

ClientSampleId :

DBD43

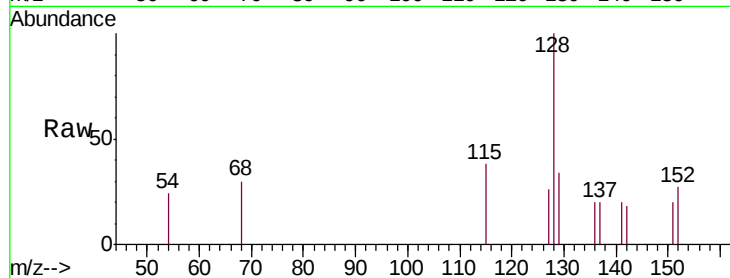
Tgt Ion:128 Resp: 543

Ion Ratio Lower Upper

128 100

129 33.7 17.0 25.6#

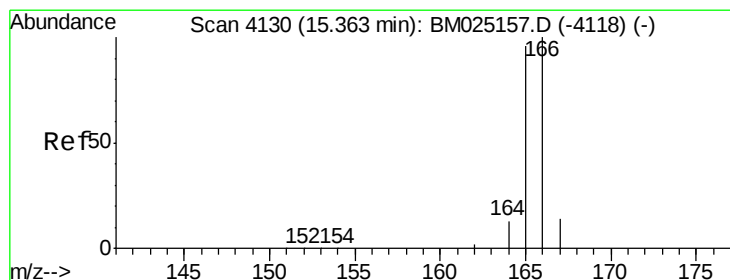
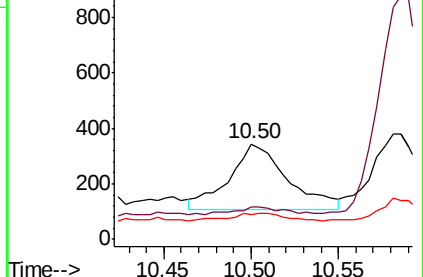
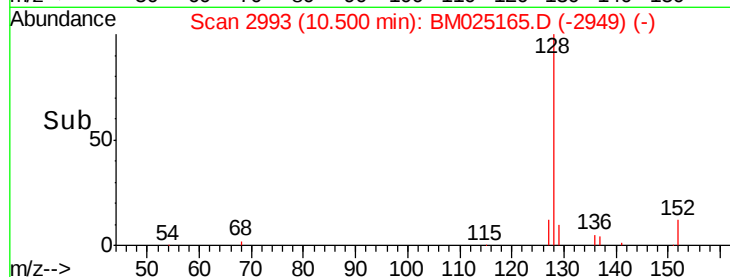
127 25.9 15.7 23.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.37 min Scan# 4131

Delta R.T. 0.00 min

Lab File: BM025165.D

Acq: 29 Feb 2020 13:18

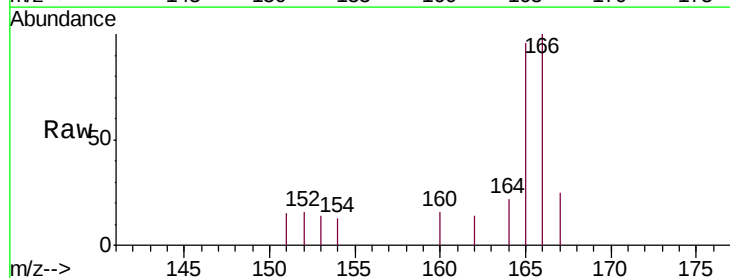
Tgt Ion:166 Resp: 621

Ion Ratio Lower Upper

166 100

165 95.7 80.0 120.0

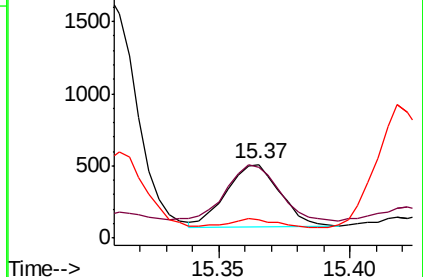
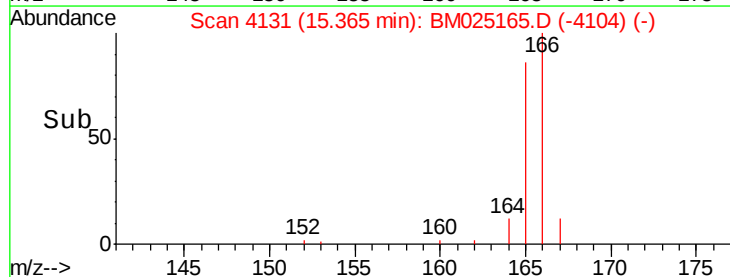
167 25.4 13.7 20.5#

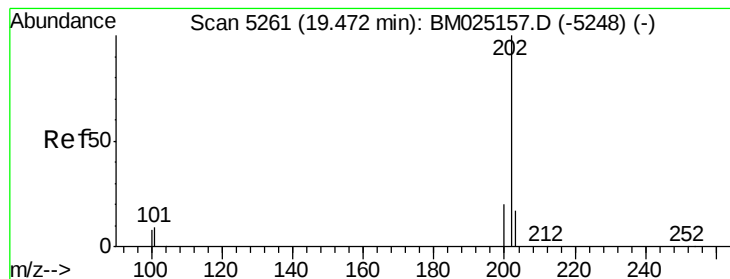


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





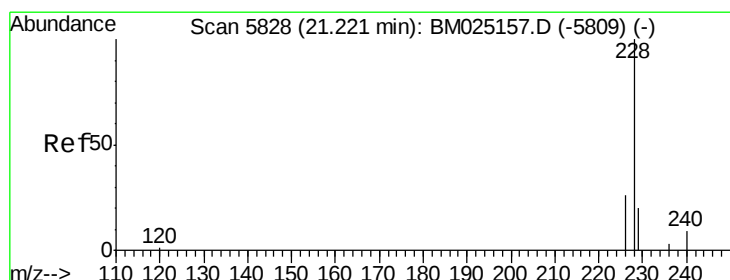
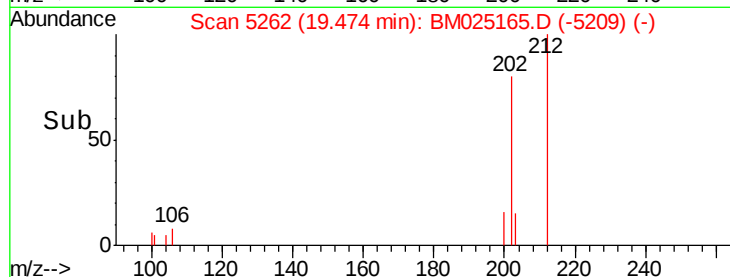
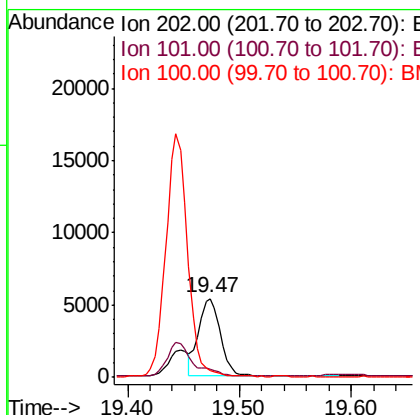
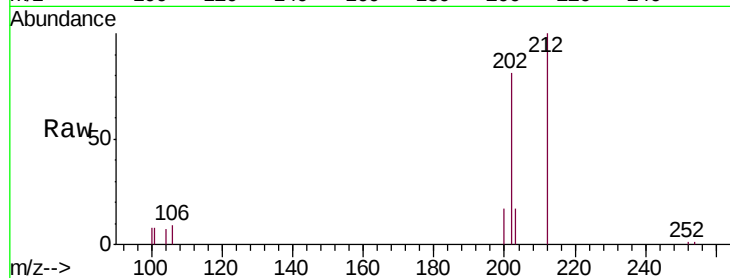
#17

Pyrene

Concen: 0.121 ng/ul
 RT: 19.47 min Scan# 5262
 Delta R.T. 0.00 min
 Lab File: BM025165.D
 Acq: 29 Feb 2020 13:18

Instrument :
 BNA_M
 ClientSampleId :
 DBD43

Tgt Ion: 202 Resp: 7317
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.7 13.1
 100 9.4 7.3 10.9

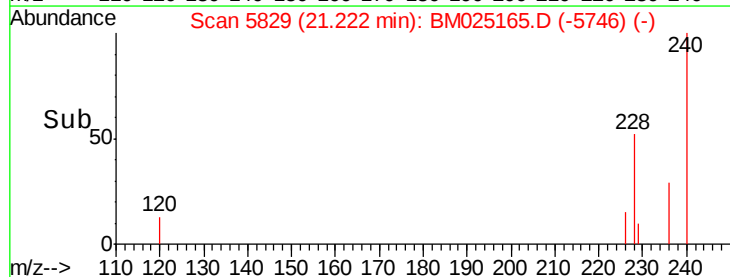
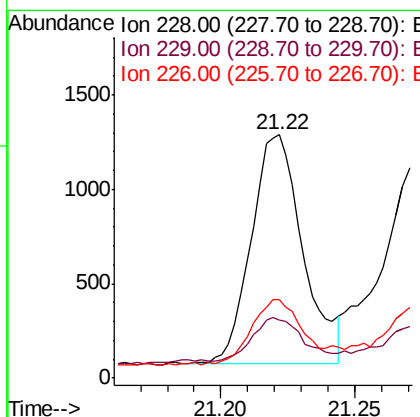
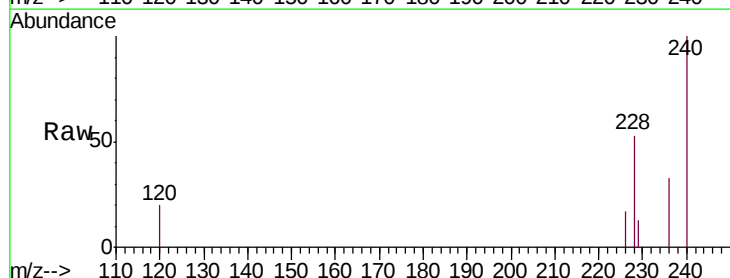


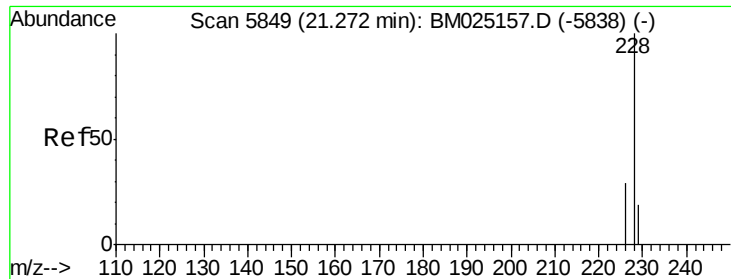
#18

Benzo(a)anthracene

Concen: 0.028 ng/ul
 RT: 21.22 min Scan# 5829
 Delta R.T. 0.00 min
 Lab File: BM025165.D
 Acq: 29 Feb 2020 13:18

Tgt Ion: 228 Resp: 1630
 Ion Ratio Lower Upper
 228 100
 229 24.0 16.6 25.0
 226 32.2 21.9 32.9





#19

Chrysene

Concen: 0.028 ng/u1

RT: 21.22 min Scan# 5829

Delta R.T. -0.05 min

Lab File: BM025165.D

Acq: 29 Feb 2020 13:18

Instrument :

BNA_M

ClientSampleId :

DBD43

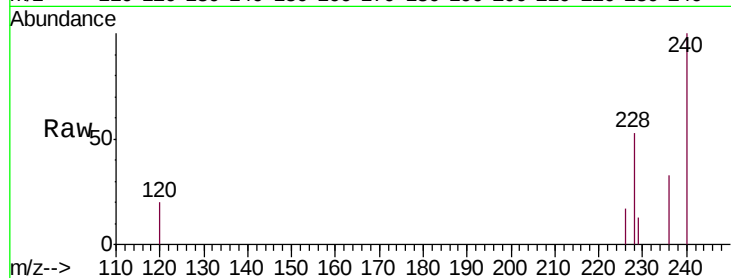
Tgt Ion:228 Resp: 1630

Ion Ratio Lower Upper

228 100

226 32.2 23.8 35.8

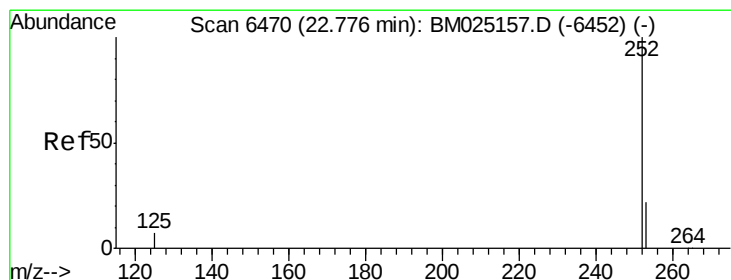
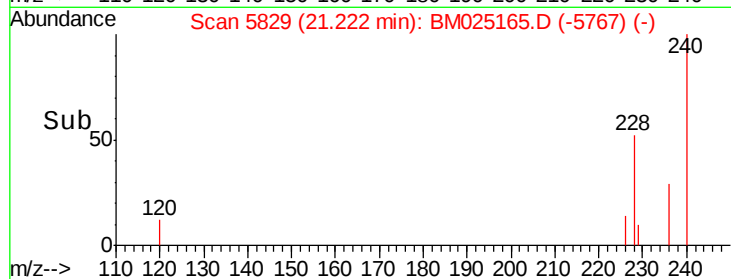
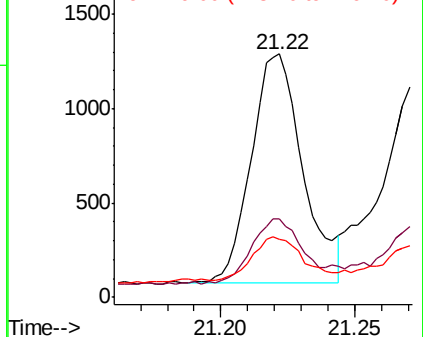
229 24.0 16.9 25.3



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: 0.031 ng/u1

RT: 22.78 min Scan# 6473

Delta R.T. 0.01 min

Lab File: BM025165.D

Acq: 29 Feb 2020 13:18

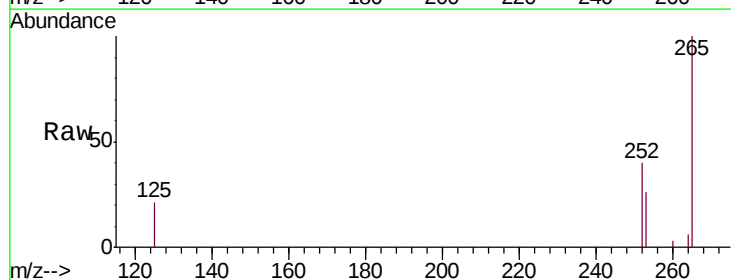
Tgt Ion:252 Resp: 1836

Ion Ratio Lower Upper

252 100

253 64.7 0.0 49.8#

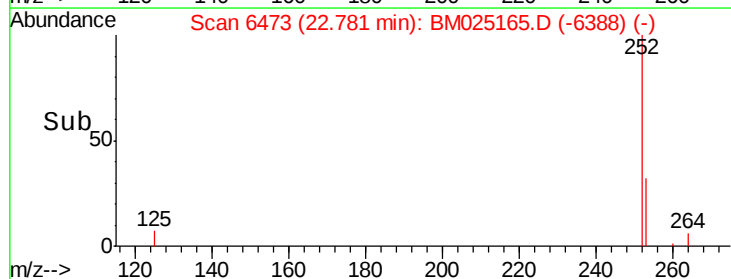
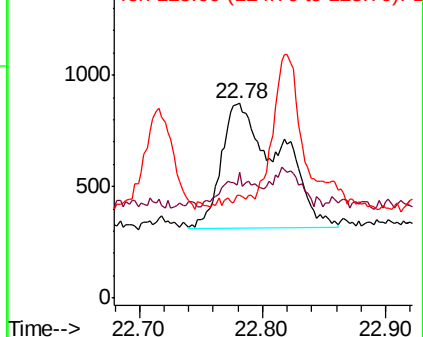
125 52.8 0.0 28.6#

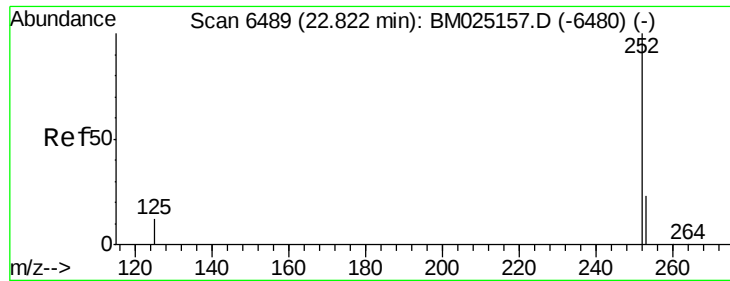


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.031 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. -0.04 min

Lab File: BM025165.D

Acq: 29 Feb 2020 13:18

Instrument :

BNA_M

ClientSampleId :

DBD43

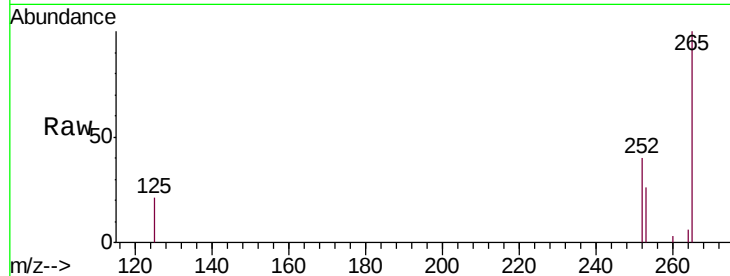
Tgt Ion:252 Resp: 1836

Ion Ratio Lower Upper

252 100

253 64.7 19.4 29.0#

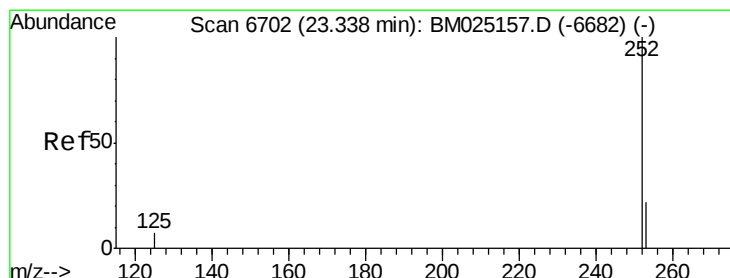
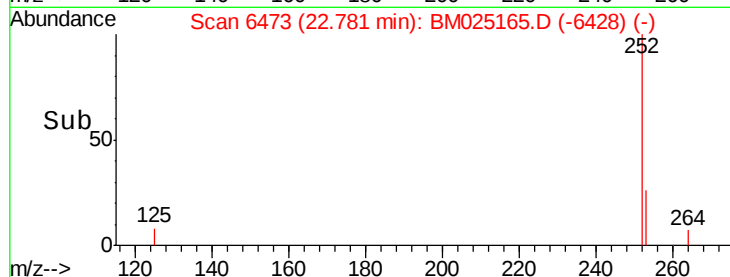
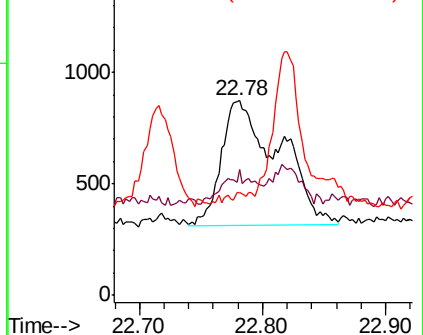
125 52.8 10.7 16.1#



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: 0.111 ng/ul

RT: 23.30 min Scan# 6686

Delta R.T. -0.04 min

Lab File: BM025165.D

Acq: 29 Feb 2020 13:18

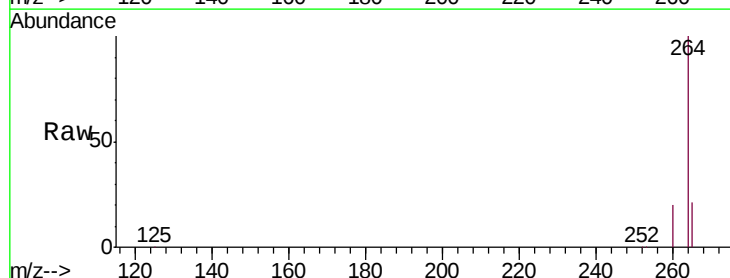
Tgt Ion:252 Resp: 6075

Ion Ratio Lower Upper

252 100

253 36.2 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

