

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025465.D
 Acq On : 10 Mar 2020 22:41
 Operator : CG/JU
 Sample : L1617-22
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 00:14:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 23:48:01 2020
 Response via : Initial Calibration

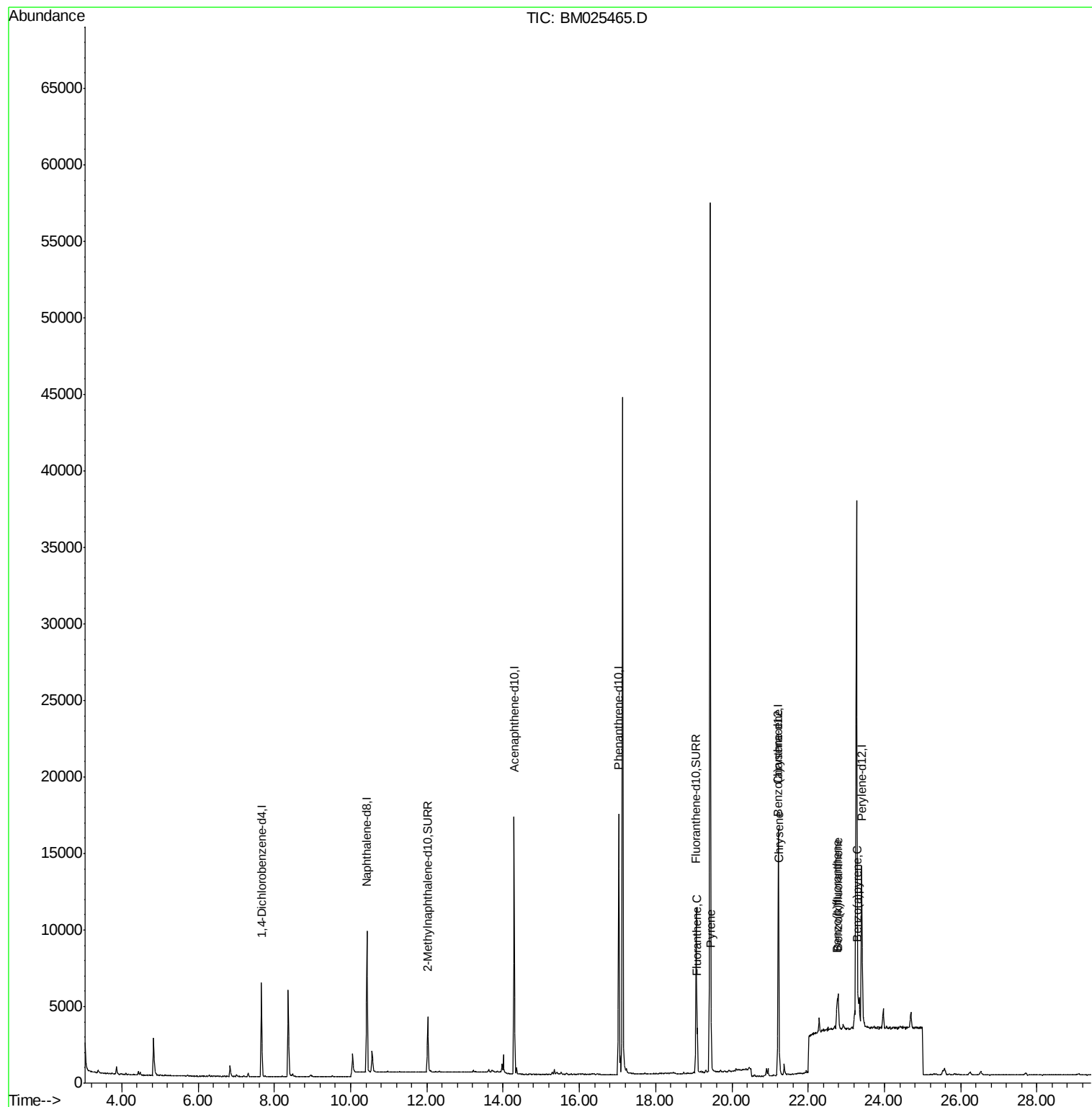
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3024	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12680	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9019	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20195	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13745	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	12920	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5059	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	12270	0.22	ng/ul	0.00
Target Compounds				Ovalue		
15) Fluoranthene	19.09	202	2999	0.043	ng/ul	92
17) Pyrene	19.45	202	3408	0.055	ng/ul#	94
18) Benzo(a)anthracene	21.20	228	2485	0.051	ng/ul	93
19) Chrysene	21.24	228	2227m	0.040	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	3750m	0.073	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	1209m	0.023	ng/ul	
23) Benzo(a)pyrene	23.31	252	1815	0.043	ng/ul#	44

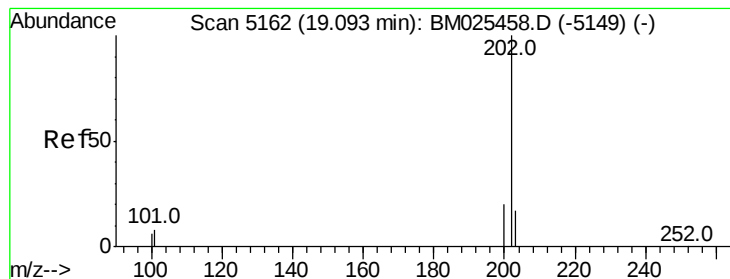
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Fluoranthene

Concen: 0.043 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.00 min

Lab File: BM025465.D

Acq: 10 Mar 2020 22:41

Instrument :

BNA_M

ClientSampleId :

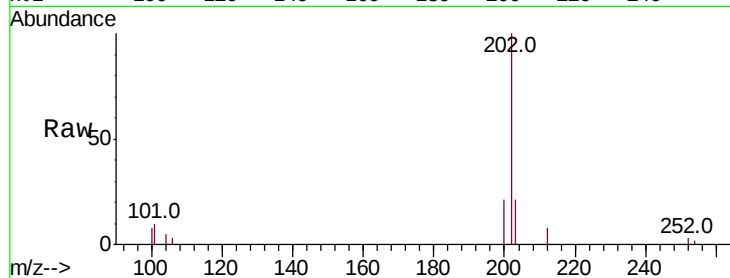
Tot Ion:202 Resp: 2999

Ion Ratio Lower Upper

202 100

101 10.5 0.0 27.5

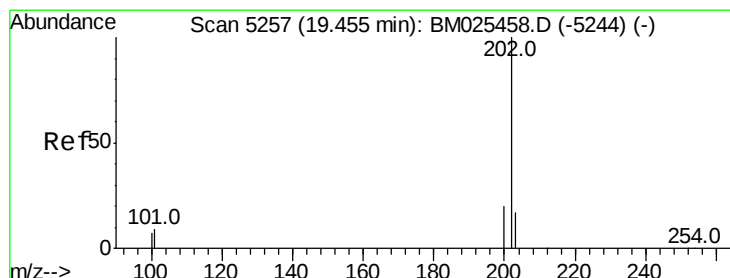
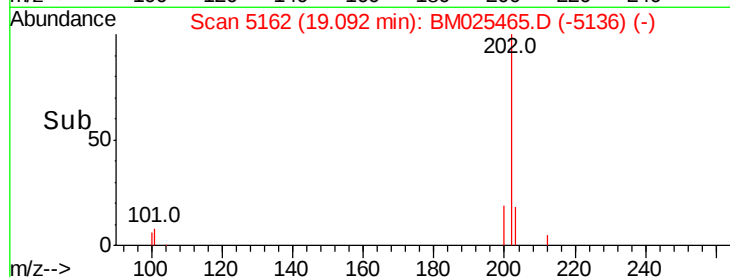
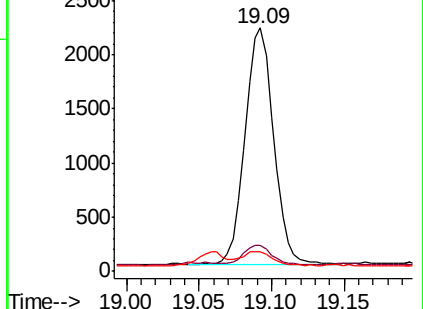
100 8.3 0.0 26.0



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): B



#17

Pyrene

Concen: 0.055 ng/ul

RT: 19.45 min Scan# 5257

Delta R.T. -0.00 min

Lab File: BM025465.D

Acq: 10 Mar 2020 22:41

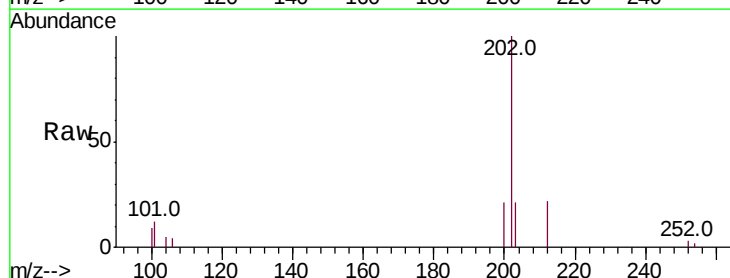
Tgt Ion:202 Resp: 3408

Ion Ratio Lower Upper

202 100

101 11.5 7.1 10.7#

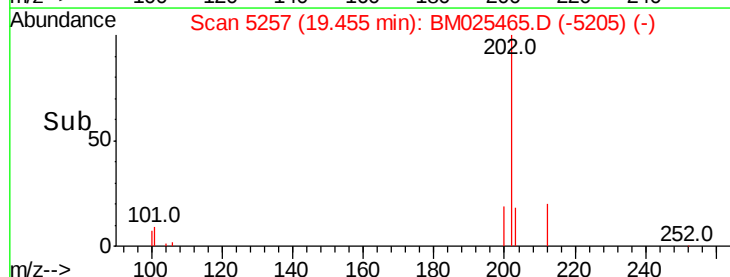
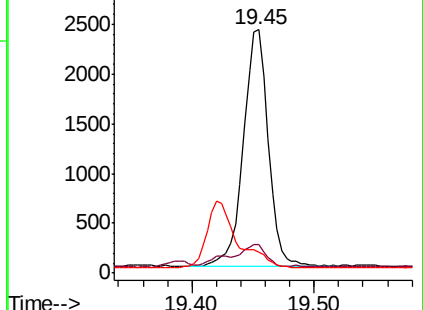
100 8.7 6.0 9.0

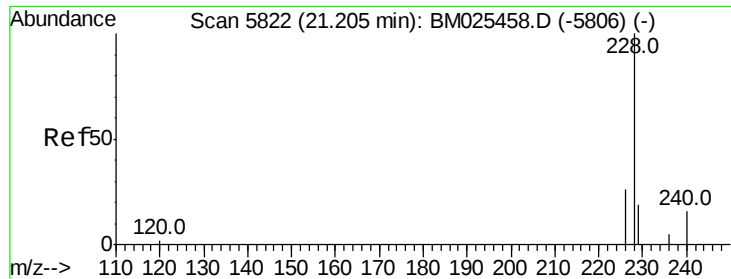


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.051 ng/ul

RT: 21.20 min Scan# 5822

Delta R.T. -0.00 min

Lab File: BM025465.D

Acq: 10 Mar 2020 22:41

Instrument :

BNA_M

ClientSampled :

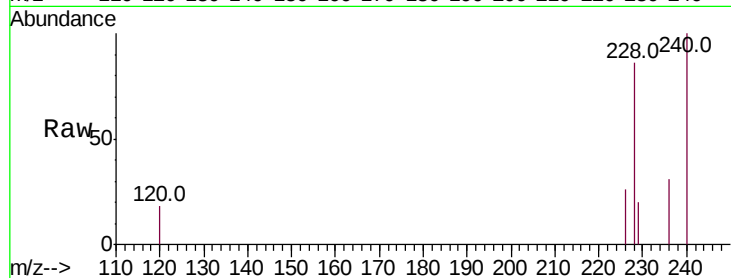
Tot Ion:228 Resp: 2485

Ion Ratio Lower Upper

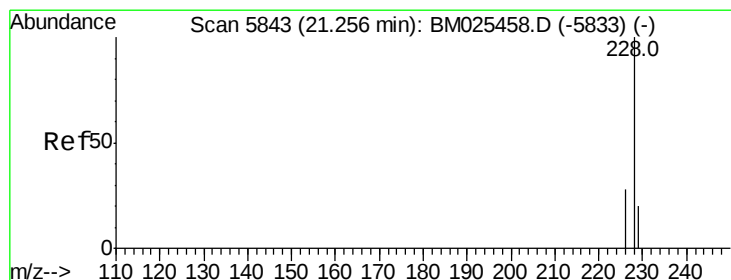
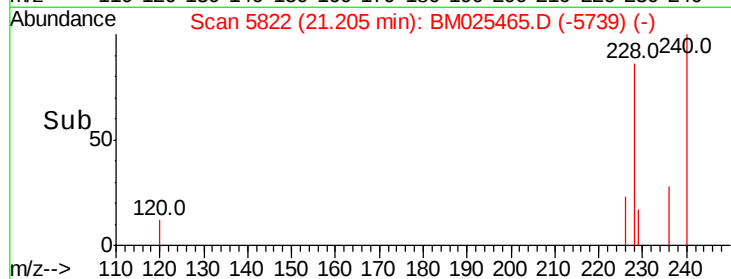
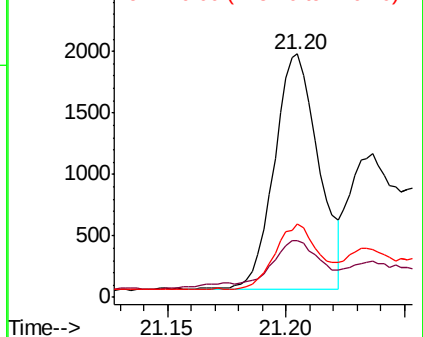
228 100

229 23.1 15.6 23.4

226 30.0 21.1 31.7



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: 0.040 ng/ul m

RT: 21.24 min Scan# 5835

Delta R.T. -0.02 min

Lab File: BM025465.D

Acq: 10 Mar 2020 22:41

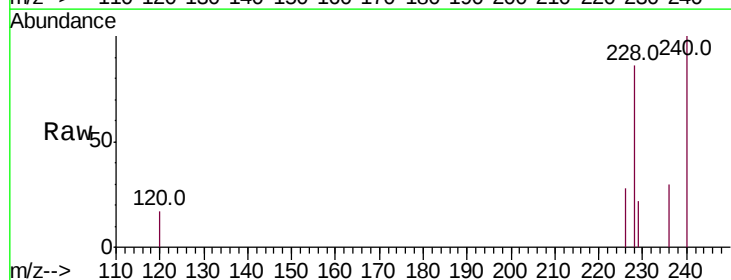
Tgt Ion:228 Resp: 2227

Ion Ratio Lower Upper

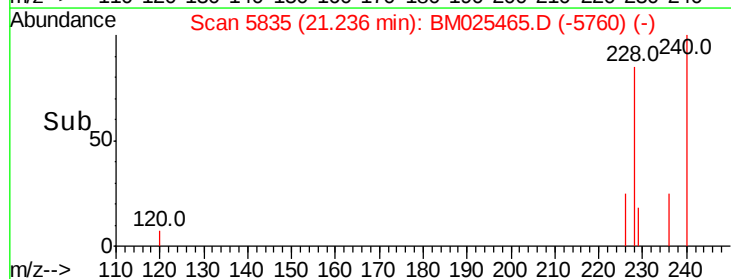
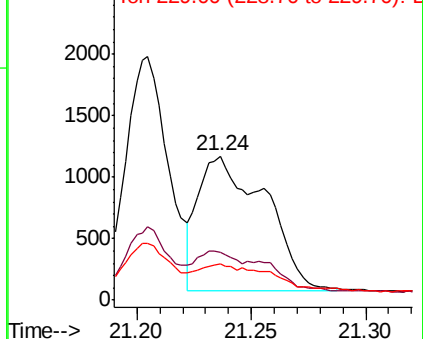
228 100

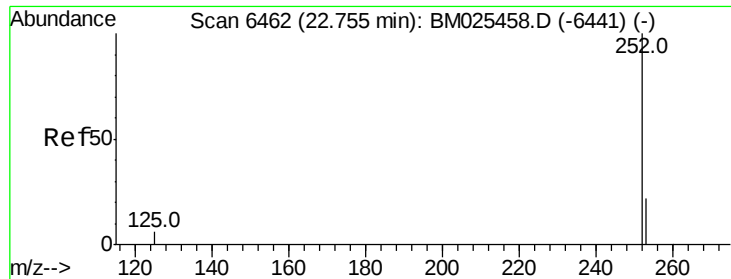
226 32.9 23.6 35.4

229 25.5 16.3 24.5#



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: 0.073 ng/ul m

RT: 22.76 min Scan# 6463

Delta R.T. 0.00 min

Lab File: BM025465.D

Acq: 10 Mar 2020 22:41

Instrument :

BNA_M

ClientSampleId :

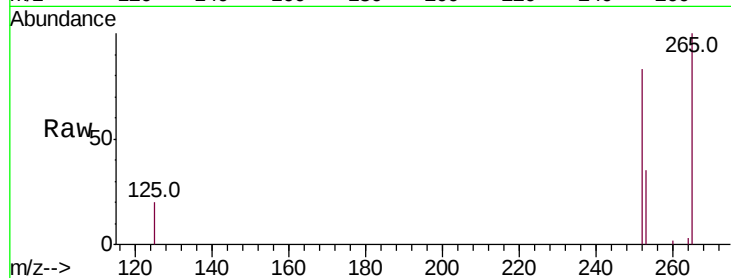
Tot Ion:252 Resp: 3750

Ion Ratio Lower Upper

252 100

253 41.7 0.0 50.2

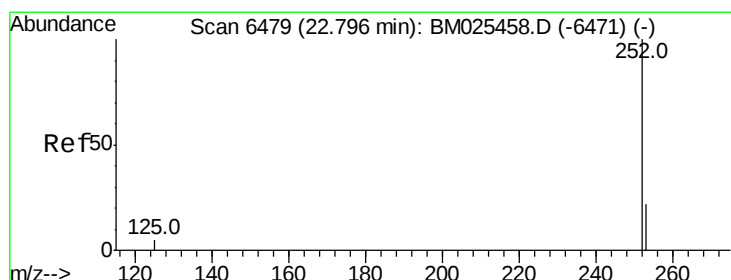
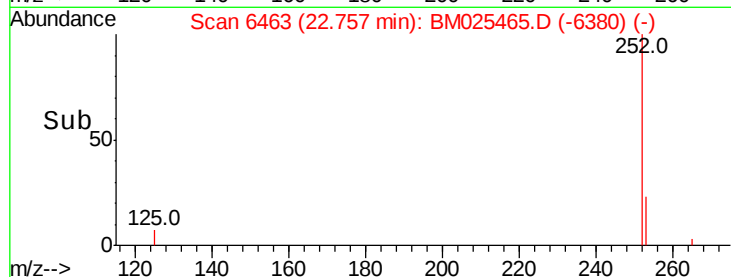
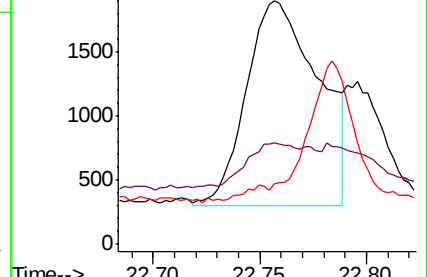
125 24.6 0.0 17.6#



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: 0.023 ng/ul m

RT: 22.80 min Scan# 6479

Delta R.T. -0.00 min

Lab File: BM025465.D

Acq: 10 Mar 2020 22:41

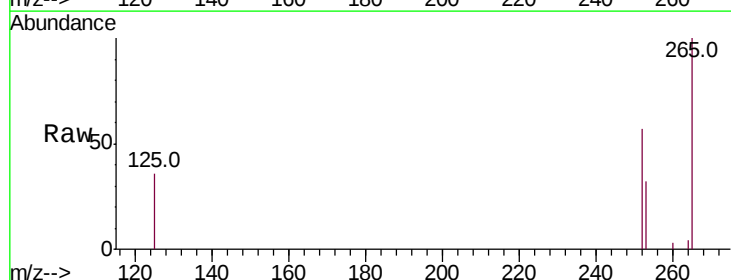
Tgt Ion:252 Resp: 1209

Ion Ratio Lower Upper

252 100

253 56.2 19.8 29.8#

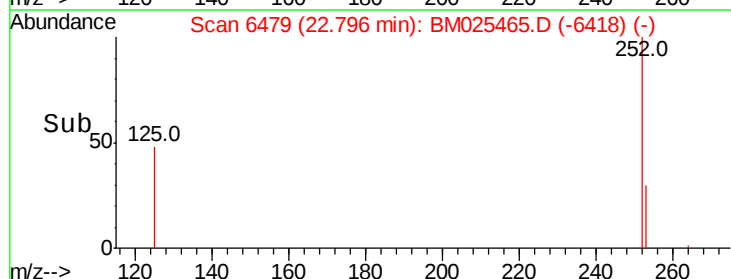
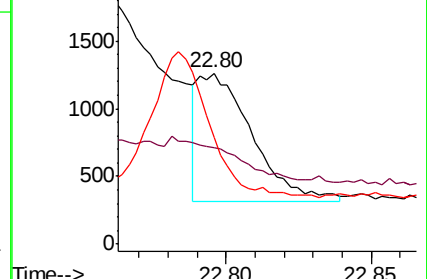
125 62.4 7.1 10.7#

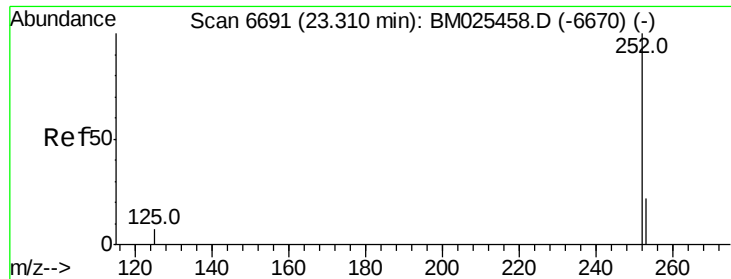


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.043 ng/ul

RT: 23.31 min Scan# 6690

Delta R.T. -0.00 min

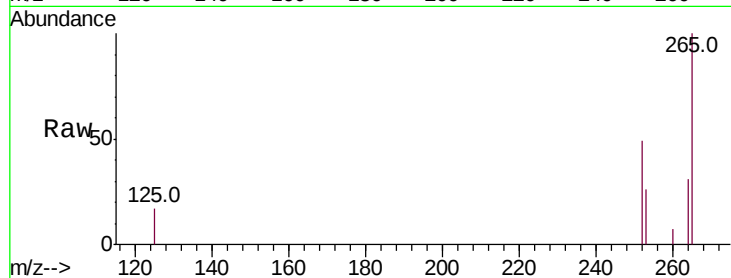
Lab File: BM025465.D

Acq: 10 Mar 2020 22:41

Instrument :

BNA_M

ClientSampleId :



Tot Ion: 252 Resp: 1815

Ion Ratio Lower Upper

252 100

253 53.5 21.3 31.9#

125 35.1 8.5 12.7#

