

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025399.D
 Acq On : 08 Mar 2020 23:56
 Operator : CG/JU
 Sample : L1617-22
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 01:16:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

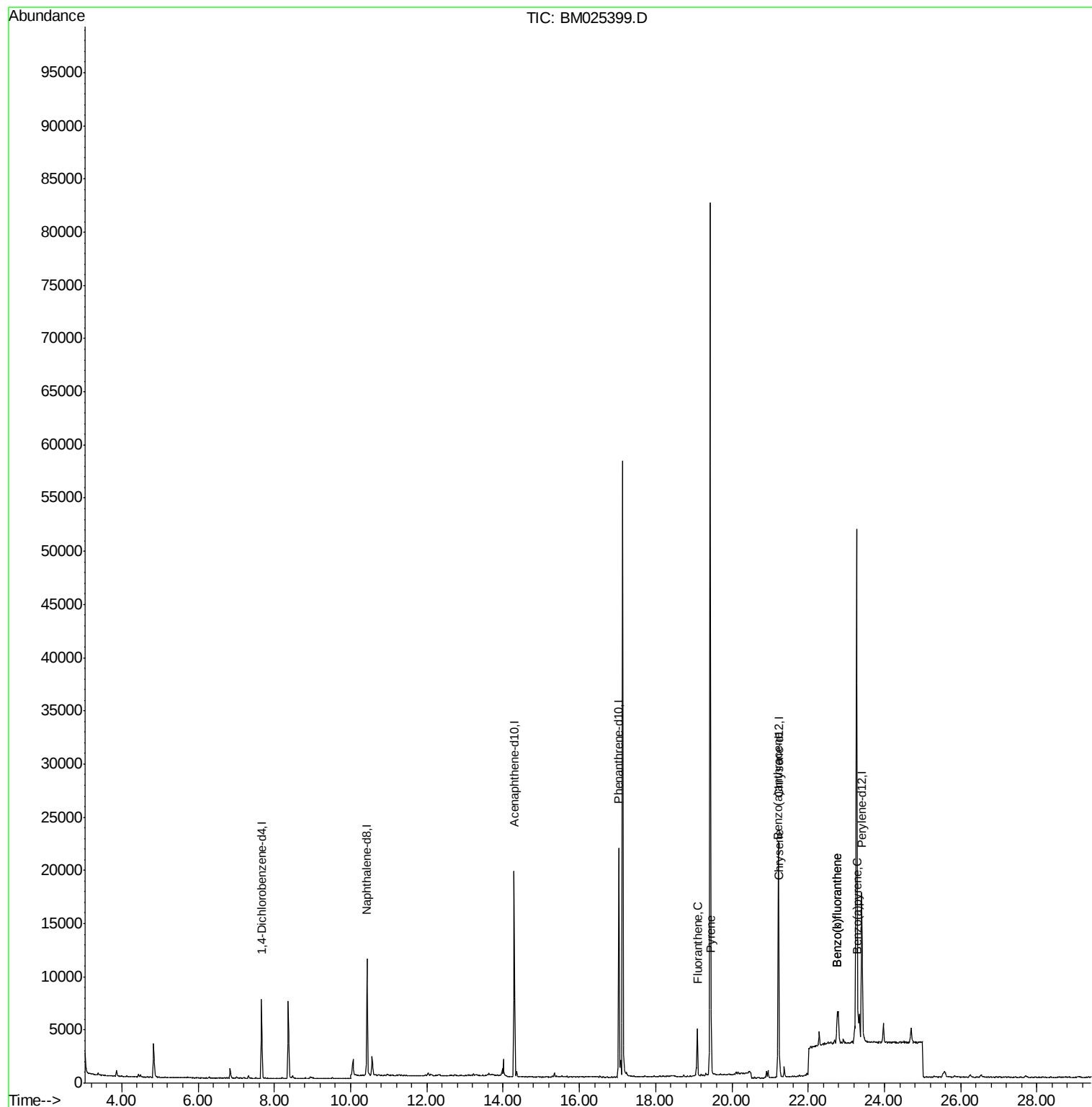
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3689	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	15283	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	10702	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	25594	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	19353	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	17360	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	349	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	950	0.01	ng/ul	-0.01
Target Compounds				Ovalue		
15) Fluoranthene	19.09	202	3920	0.038	ng/ul	100
17) Pyrene	19.46	202	4662	0.064	ng/ul	99
18) Benzo(a)anthracene	21.20	228	3681	0.052	ng/ul	97
19) Chrysene	21.24	228	3108	0.040	ng/ul	93
21) Benzo(b)fluoranthene	22.76	252	6549	0.094	ng/ul	76
22) Benzo(k)fluoranthene	22.76	252	6549	0.090	ng/ul#	74
23) Benzo(a)pyrene	23.31	252	2390	0.041	ng/ul#	64

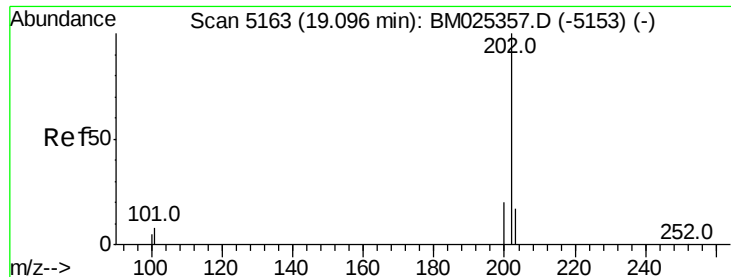
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#15

Fluoranthene

Concen: 0.038 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.01 min

Lab File: BM025399.D

Acq: 08 Mar 2020 23:56

Instrument :

BNA_M

ClientSampleId :

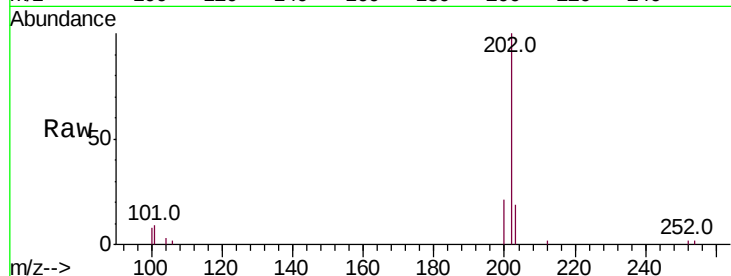
Tot Ion:202 Resp: 3920

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.4

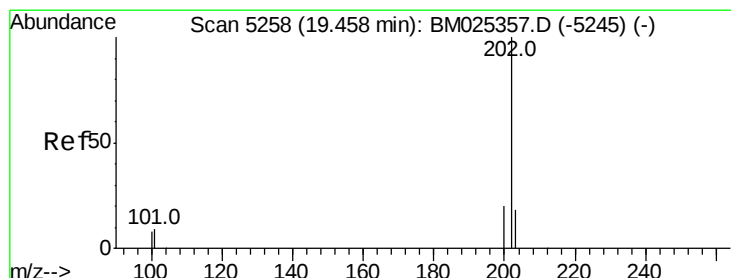
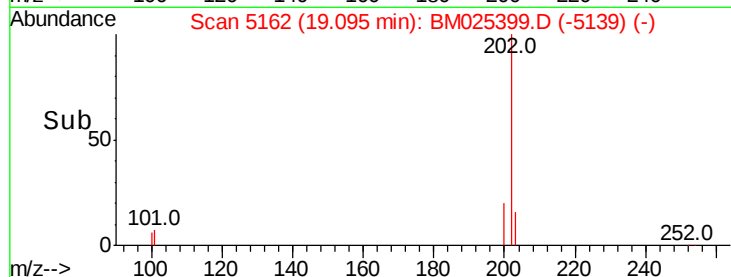
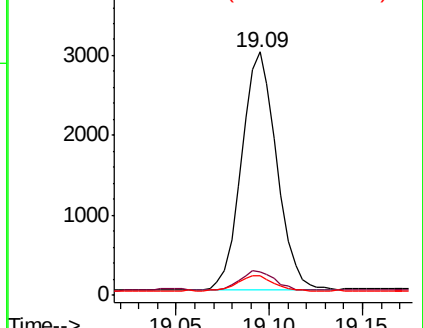
100 8.1 0.0 28.0



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): B



#17

Pyrene

Concen: 0.064 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.01 min

Lab File: BM025399.D

Acq: 08 Mar 2020 23:56

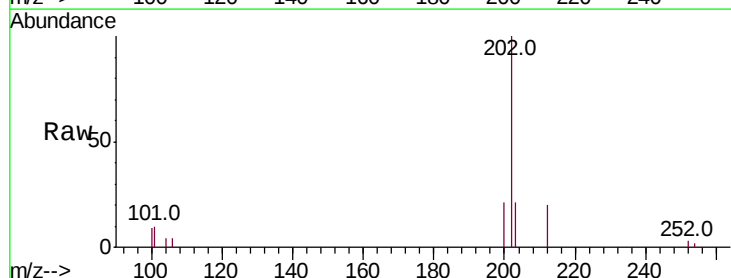
Tgt Ion:202 Resp: 4662

Ion Ratio Lower Upper

202 100

101 10.3 8.7 13.1

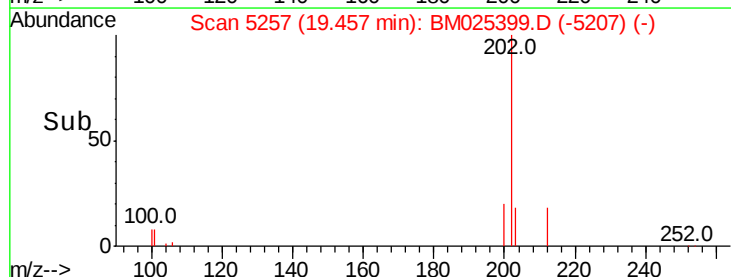
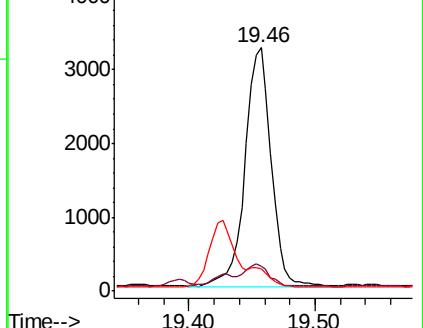
100 9.2 7.3 10.9

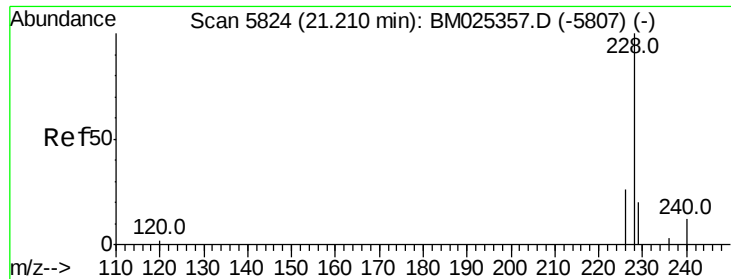


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.052 ng/u1

RT: 21.20 min Scan# 5821

Delta R.T. -0.01 min

Lab File: BM025399.D

Acq: 08 Mar 2020 23:56

Instrument :

BNA_M

ClientSampleId :

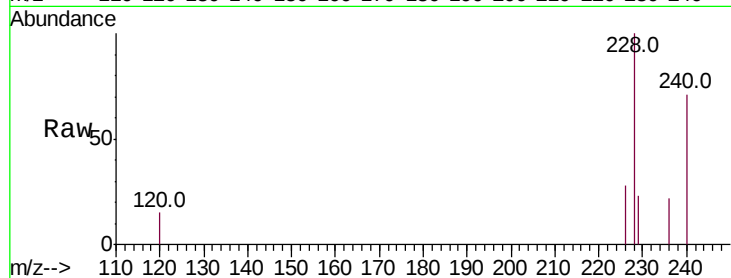
Tot Ion:228 Resp: 3681

Ion Ratio Lower Upper

228 100

229 23.1 16.6 25.0

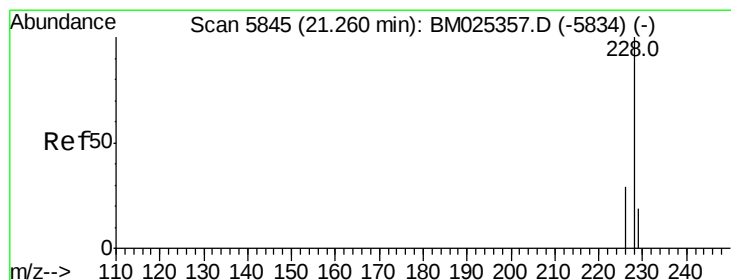
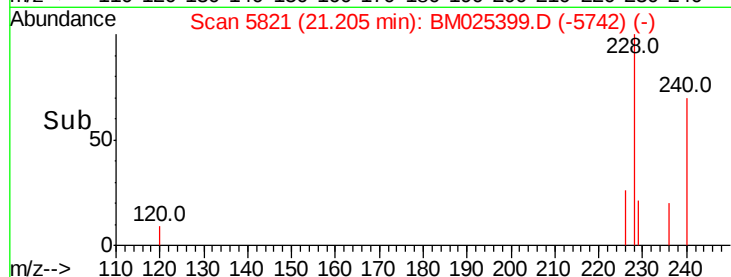
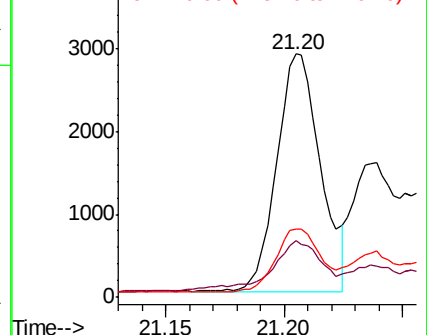
226 28.1 21.9 32.9



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: 0.040 ng/u1

RT: 21.24 min Scan# 5835

Delta R.T. -0.03 min

Lab File: BM025399.D

Acq: 08 Mar 2020 23:56

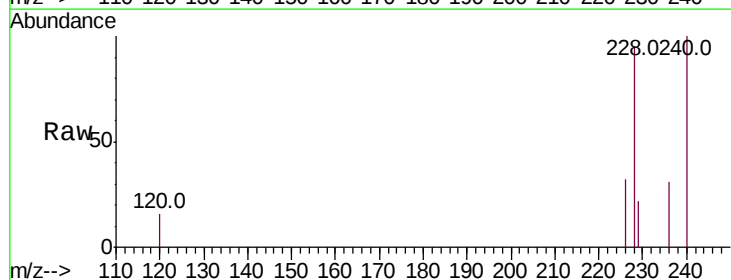
Tgt Ion:228 Resp: 3108

Ion Ratio Lower Upper

228 100

226 34.2 23.8 35.8

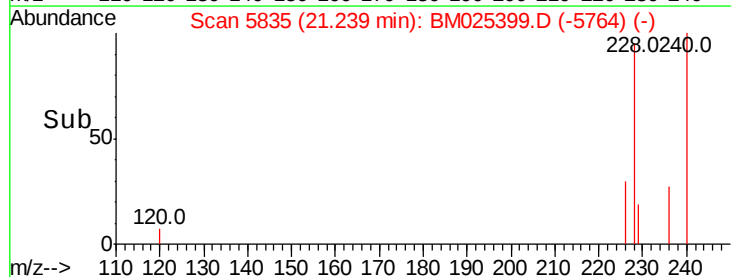
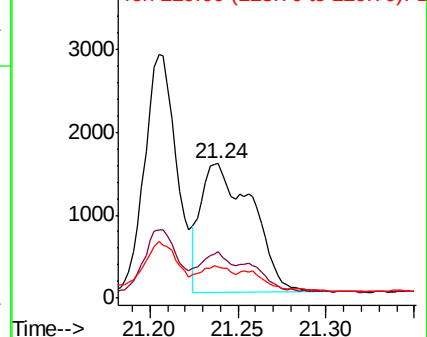
229 23.3 16.9 25.3

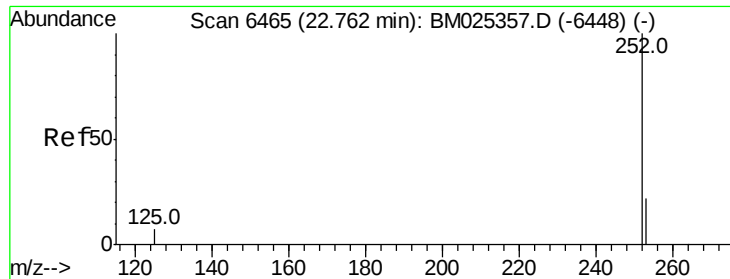


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.094 ng/u1

RT: 22.76 min Scan# 6463

Delta R.T. -0.01 min

Lab File: BM025399.D

Acq: 08 Mar 2020 23:56

Instrument :

BNA_M

ClientSampleId :

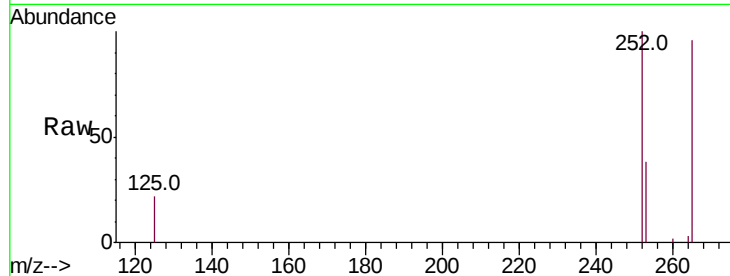
Tot Ion:252 Resp: 6549

Ion Ratio Lower Upper

252 100

253 37.9 0.0 49.8

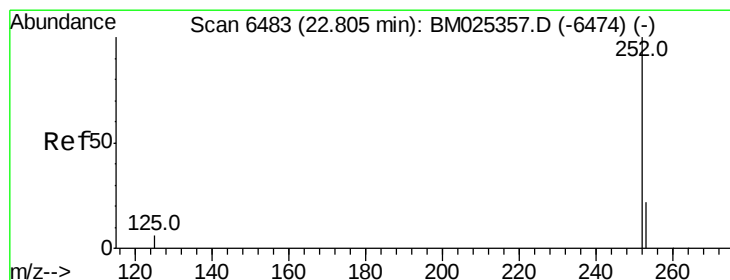
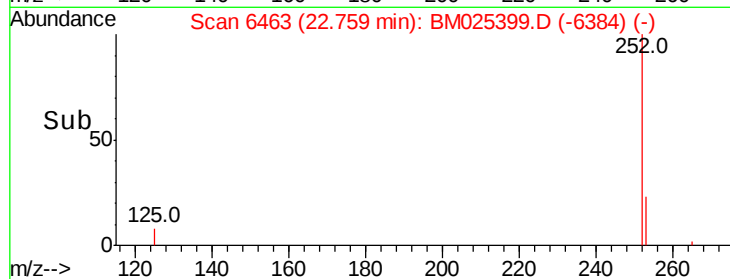
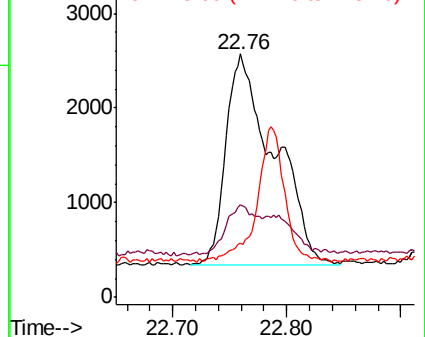
125 22.3 0.0 28.6



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: 0.090 ng/u1

RT: 22.76 min Scan# 6463

Delta R.T. -0.05 min

Lab File: BM025399.D

Acq: 08 Mar 2020 23:56

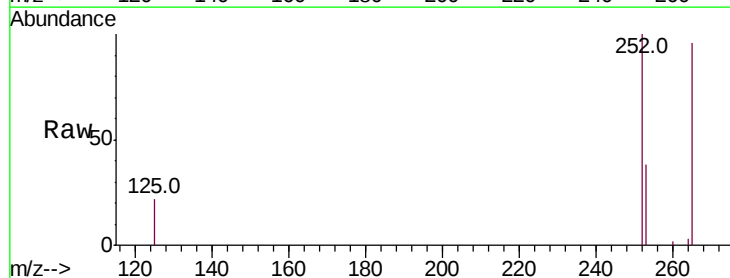
Tgt Ion:252 Resp: 6549

Ion Ratio Lower Upper

252 100

253 37.9 19.4 29.0#

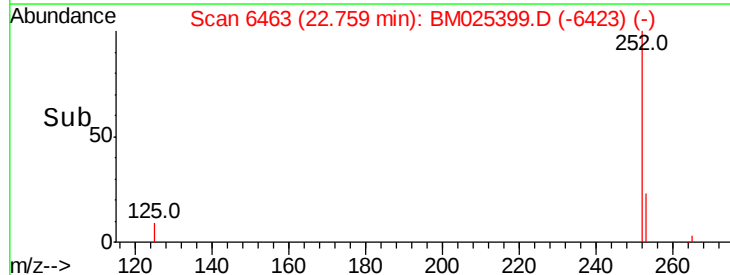
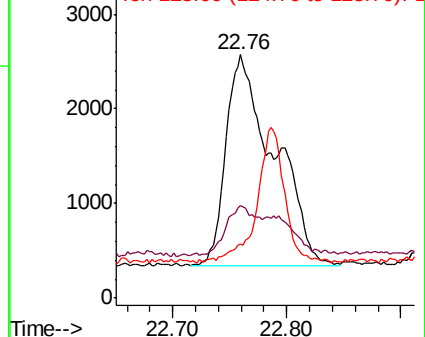
125 22.3 10.7 16.1#

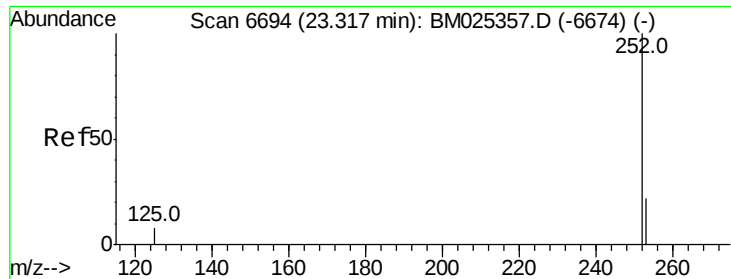


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.041 ng/ul

RT: 23.31 min Scan# 6689

Delta R.T. -0.02 min

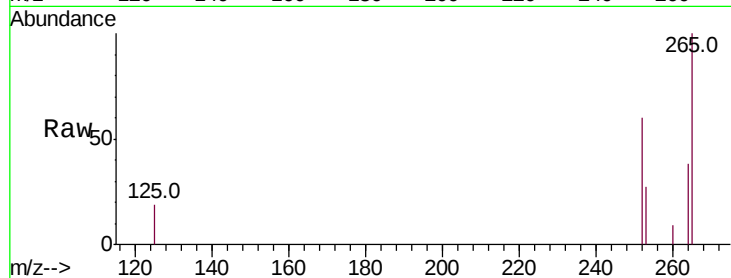
Lab File: BM025399.D

Acq: 08 Mar 2020 23:56

Instrument :

BNA_M

ClientSampleId :



Tot Ion: 252 Resp: 2390

Ion Ratio Lower Upper

252 100

253 44.4 20.3 30.5#

125 30.9 13.0 19.4#

