

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025476.D
 Acq On : 11 Mar 2020 05:58
 Operator : CG/JU
 Sample : L1617-21DL 5X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 06:37:48 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

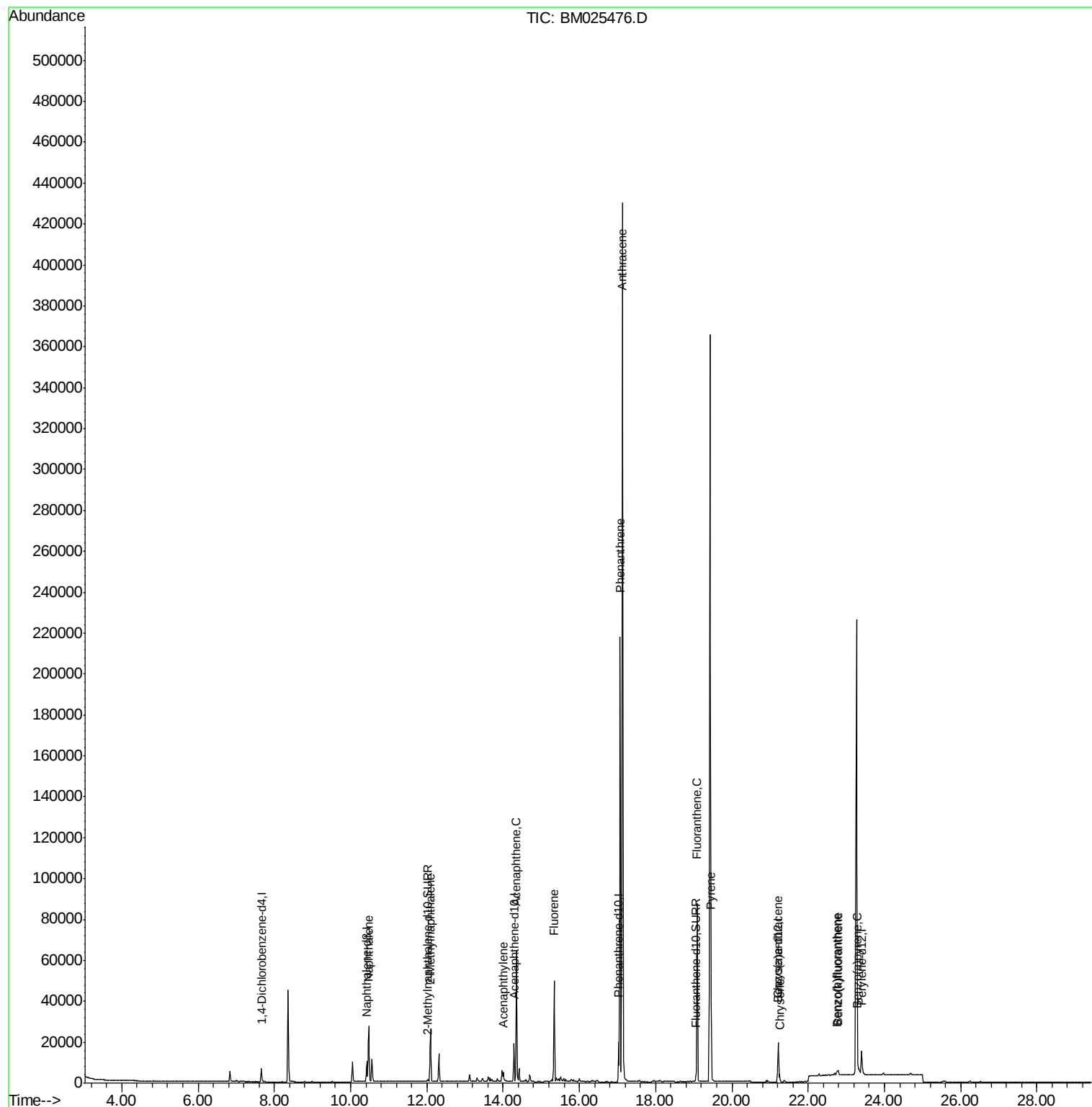
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3254	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13895	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10100	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	22893	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15735	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14984	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1651	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	4247	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	35873	0.872	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	18641	0.634	ng/ul	100
7) Acenaphthylene	14.00	152	1782	0.043	ng/ul#	88
8) Acenaphthene	14.35	153	35089	0.969	ng/ul	99
9) Fluorene	15.34	166	30279	0.687	ng/ul	99
12) Phenanthrene	17.07	178	218855	3.017	ng/ul	99
13) Anthracene	17.13	178	40664	0.644	ng/ul#	1
15) Fluoranthene	19.09	202	73521	0.935	ng/ul	98
17) Pyrene	19.45	202	49997	0.708	ng/ul	98
18) Benzo(a)anthracene	21.20	228	5633	0.100	ng/ul	97
19) Chrysene	21.25	228	4108	0.065	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	3515m	0.059	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	1405m	0.023	ng/ul	
23) Benzo(a)pyrene	23.30	252	1864	0.038	ng/ul#	43

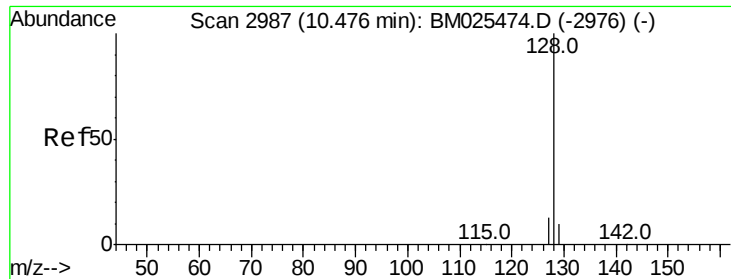
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.872 ng/ul

RT: 10.47 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

ClientSampleId :

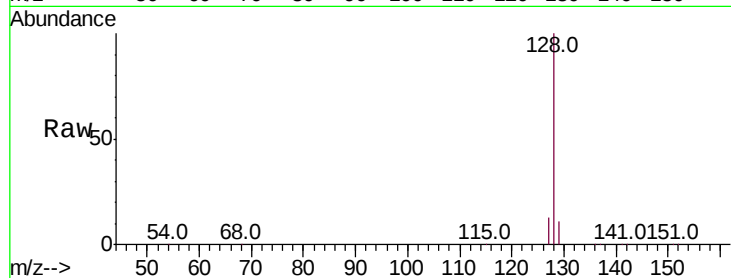
Tot Ion:128 Resp: 35873

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

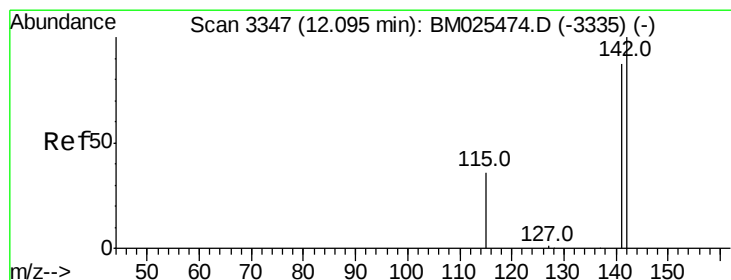
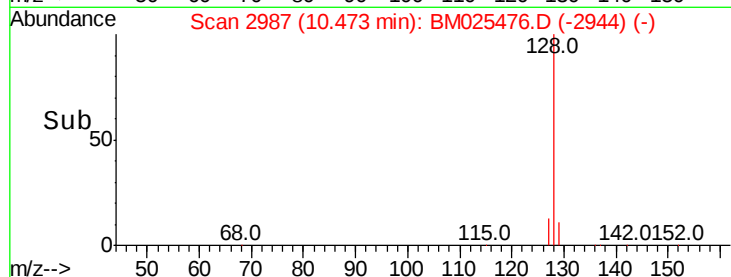
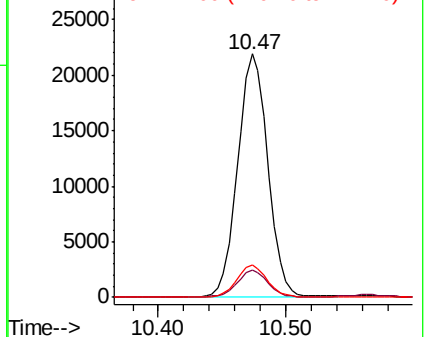
127 13.3 10.9 16.3



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



#5

2-Methylnaphthalene

Concen: 0.634 ng/ul

RT: 12.09 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BM025476.D

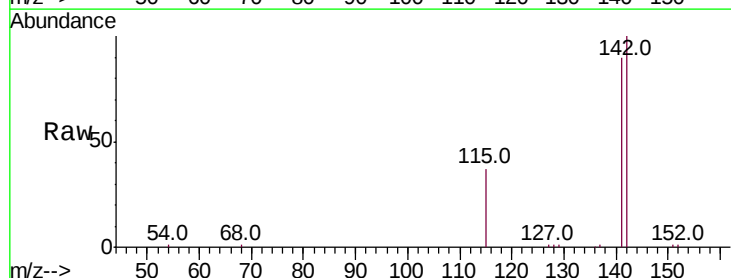
Acq: 11 Mar 2020 05:58

Tgt Ion:142 Resp: 18641

Ion Ratio Lower Upper

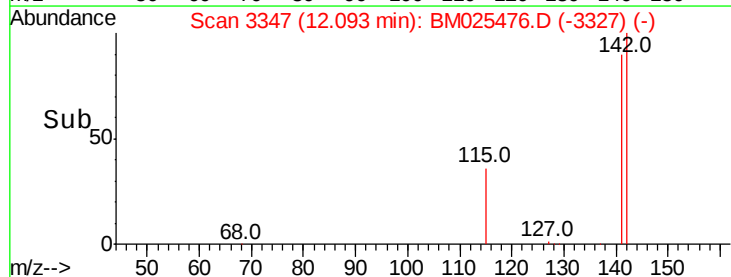
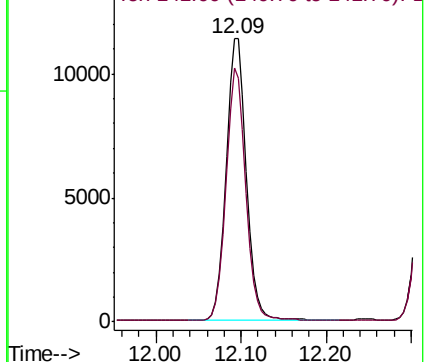
142 100

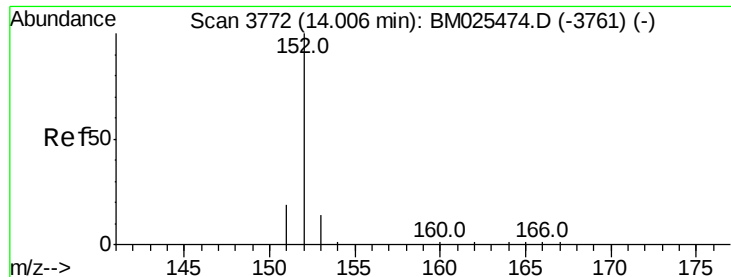
141 87.5 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

ClientSampled :

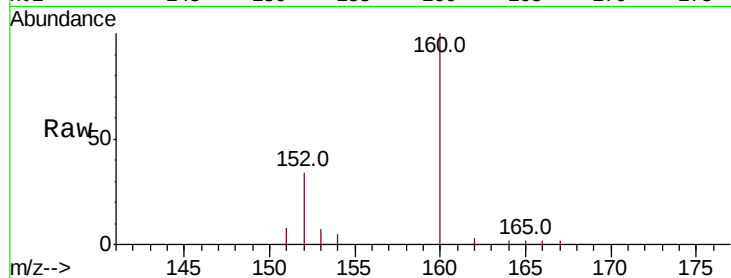
Tot Ion:152 Resp: 1782

Ion Ratio Lower Upper

152 100

151 23.7 16.2 24.2

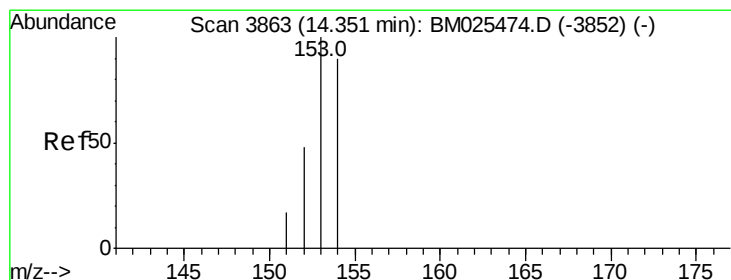
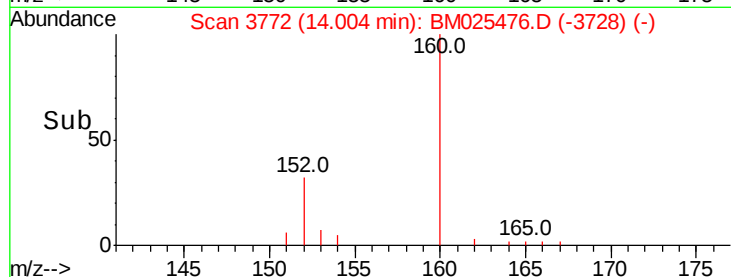
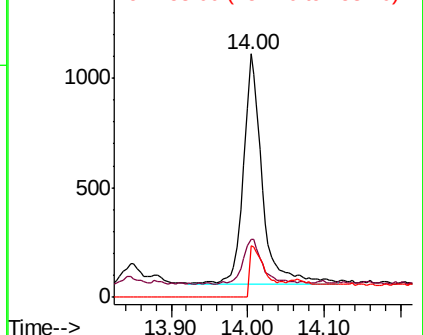
153 21.2 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.969 ng/ul

RT: 14.35 min Scan# 3863

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

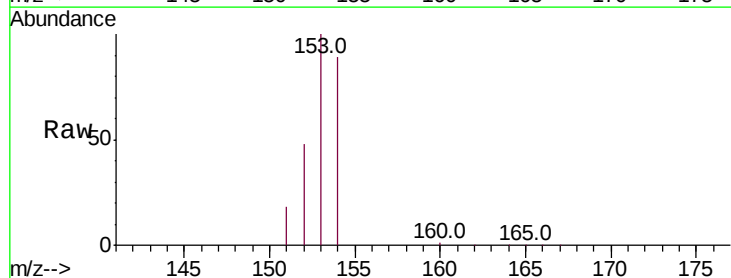
Tgt Ion:153 Resp: 35089

Ion Ratio Lower Upper

153 100

152 48.2 39.5 59.3

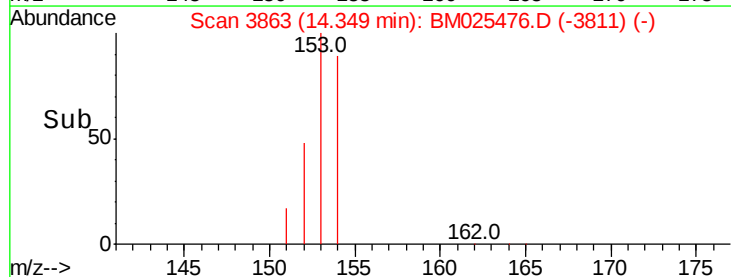
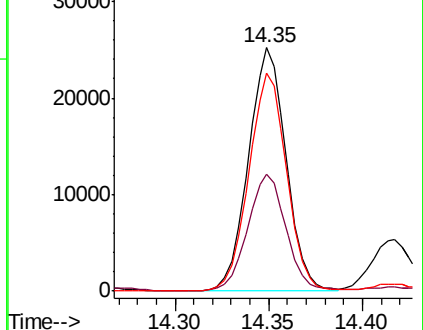
154 89.3 71.7 107.5

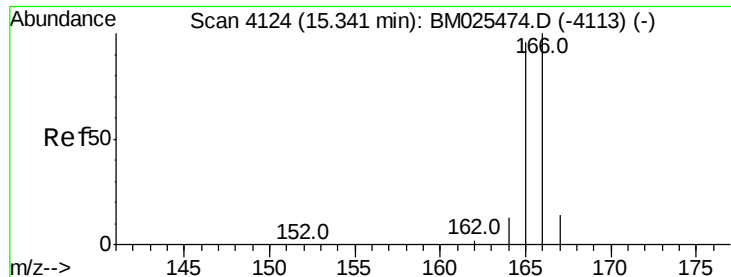


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.687 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

ClientSampleId :

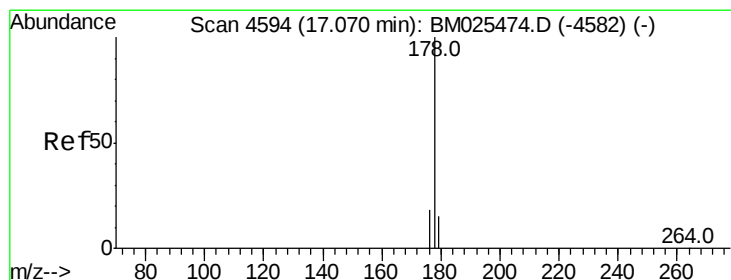
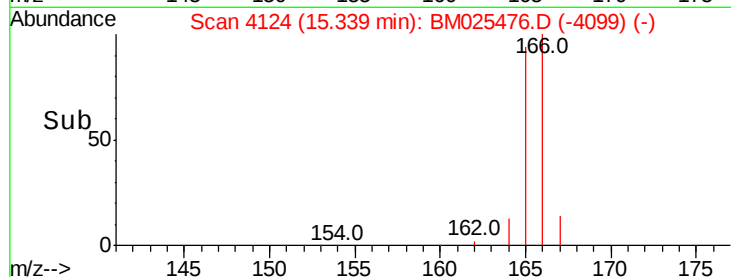
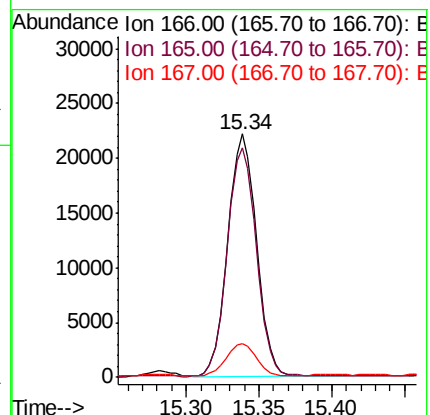
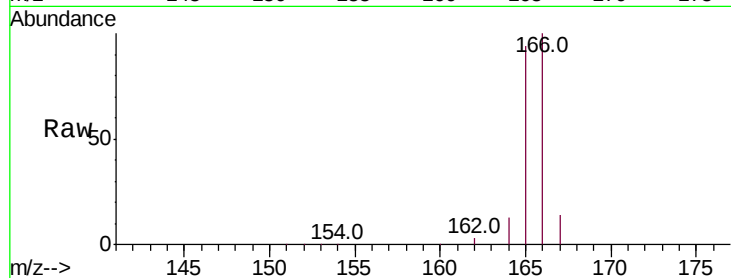
Tot Ion:166 Resp: 30279

Ion Ratio Lower Upper

166 100

165 94.4 76.8 115.2

167 14.1 11.2 16.8



#12

Phenanthrene

Concen: 3.017 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

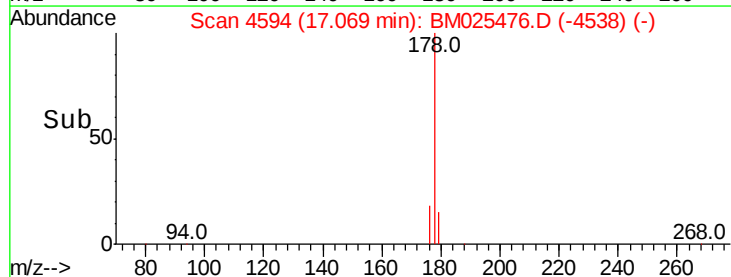
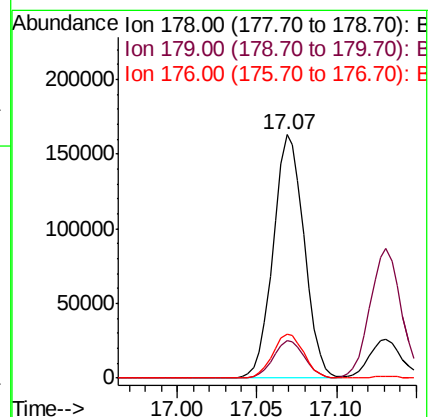
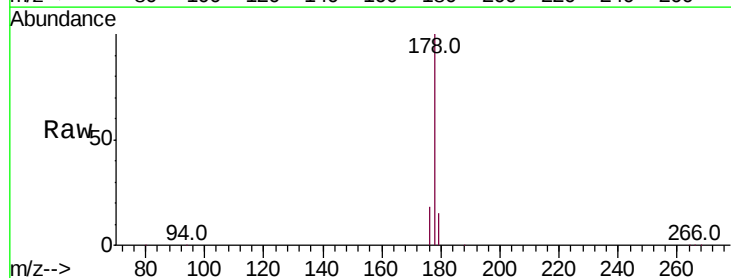
Tgt Ion:178 Resp: 218855

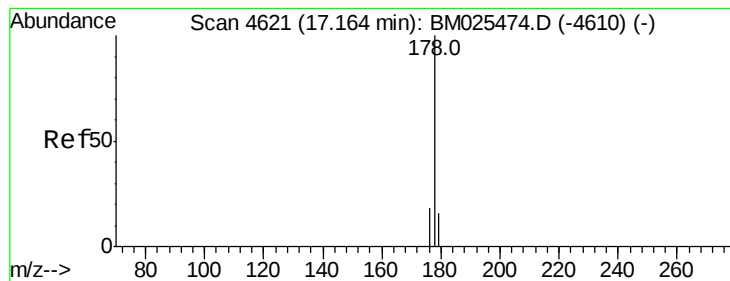
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.3 14.8 22.2

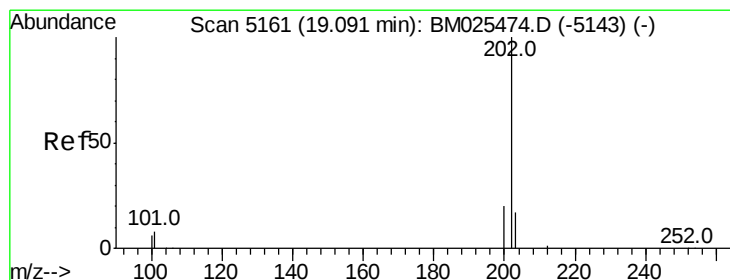
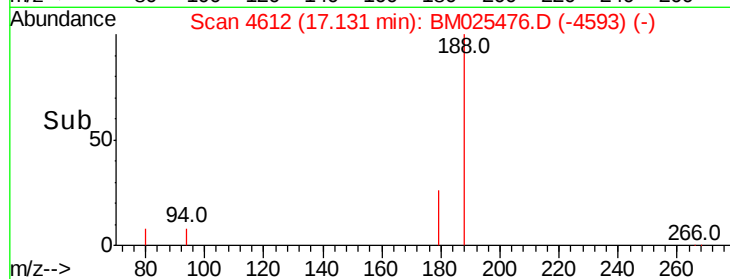
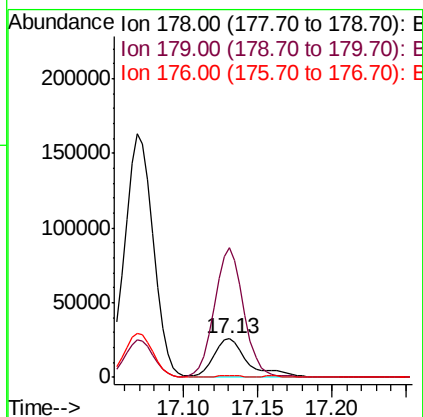
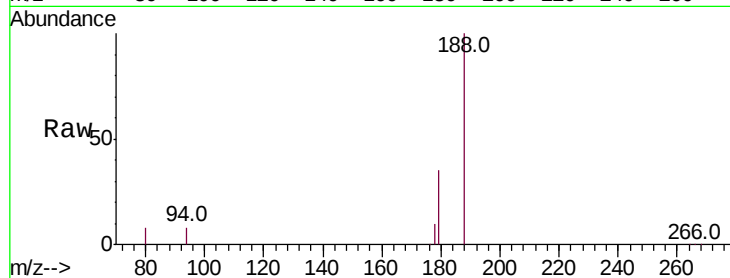




#13
 Anthracene
 Concen: 0.644 ng/ul
 RT: 17.13 min Scan# 4612
 Delta R.T. -0.03 min
 Lab File: BM025476.D
 Acq: 11 Mar 2020 05:58

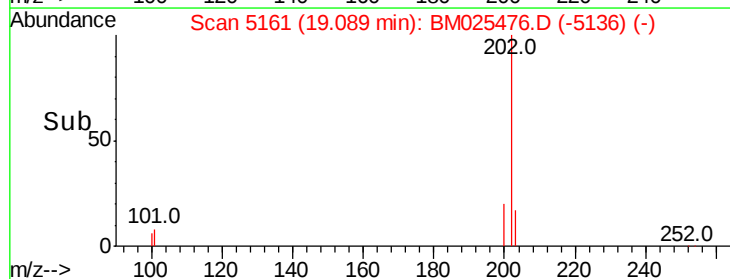
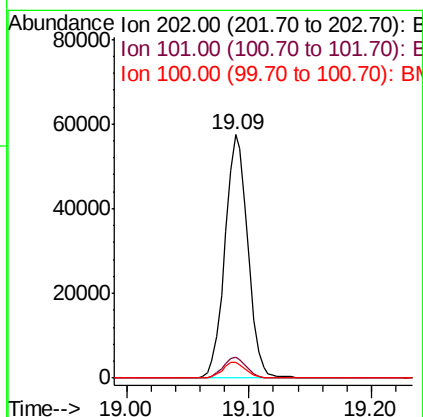
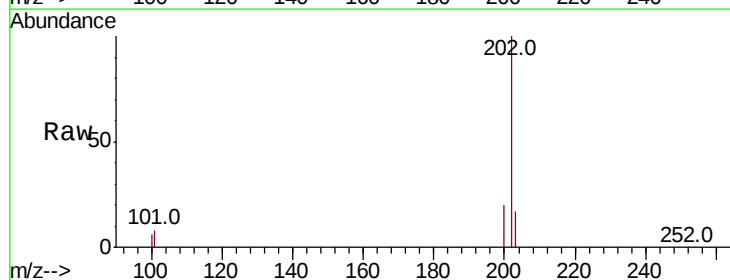
Instrument :
 BNA_M
 ClientSampleId :

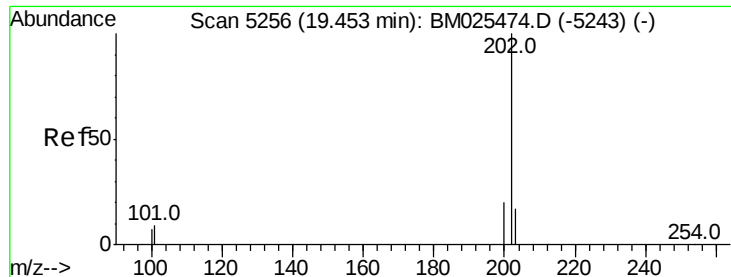
Tot Ion:178 Resp: 40664
 Ion Ratio Lower Upper
 178 100
 179 333.5 12.6 18.8#
 176 4.3 14.5 21.7#



#15
 Fluoranthene
 Concen: 0.935 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025476.D
 Acq: 11 Mar 2020 05:58

Tgt Ion:202 Resp: 73521
 Ion Ratio Lower Upper
 202 100
 101 8.4 0.0 27.5
 100 6.4 0.0 26.0





#17

Pvrene

Concen: 0.708 ng/ul

RT: 19.45 min Scan# 5256

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

ClientSampled :

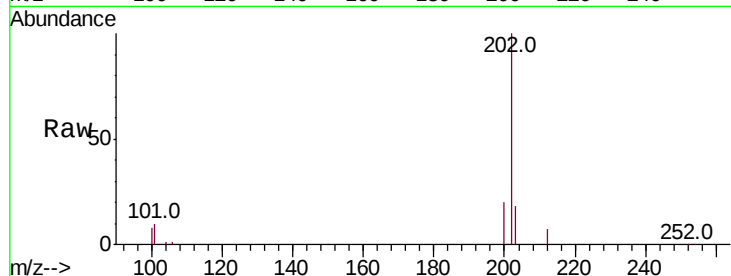
Tot Ion:202 Resp: 49997

Ion Ratio Lower Upper

202 100

101 9.6 7.1 10.7

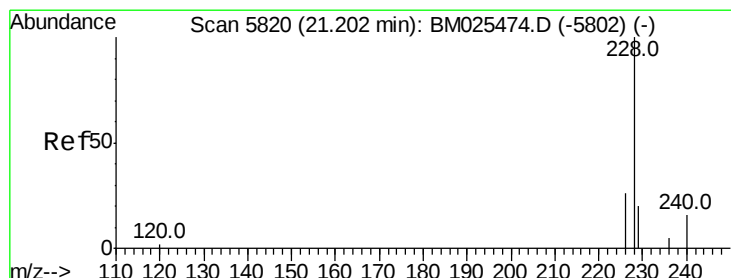
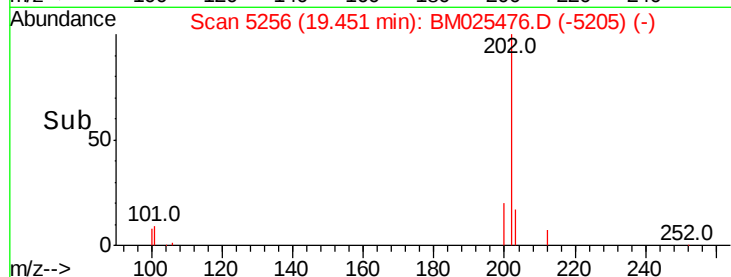
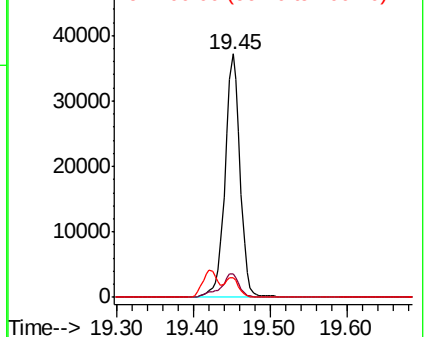
100 8.2 6.0 9.0



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: 0.100 ng/ul

RT: 21.20 min Scan# 5821

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

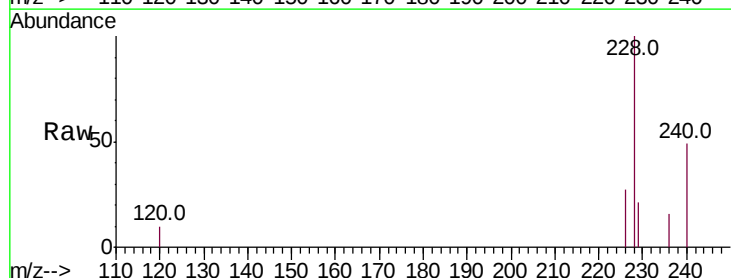
Tgt Ion:228 Resp: 5633

Ion Ratio Lower Upper

228 100

229 21.3 15.6 23.4

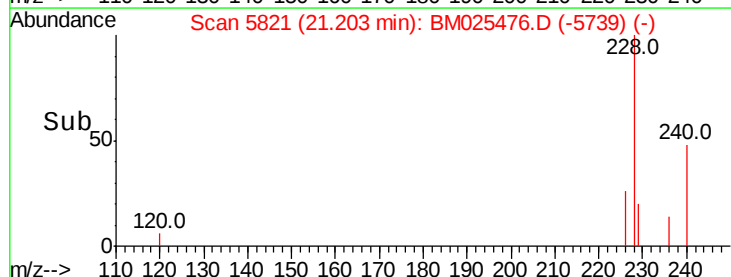
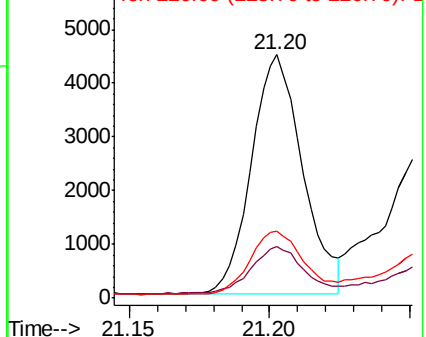
226 27.5 21.1 31.7

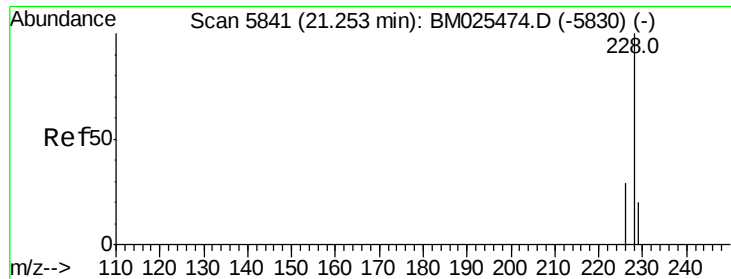


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.065 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

ClientSampleId :

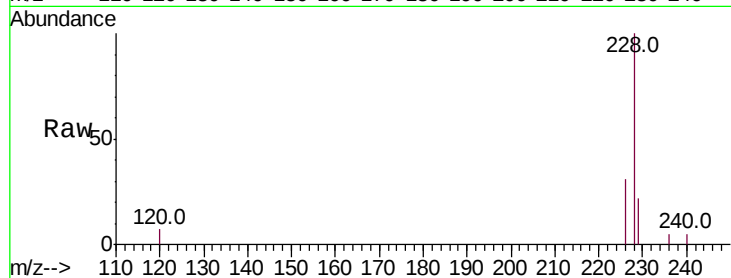
Tot Ion:228 Resp: 4108

Ion Ratio Lower Upper

228 100

226 30.6 23.6 35.4

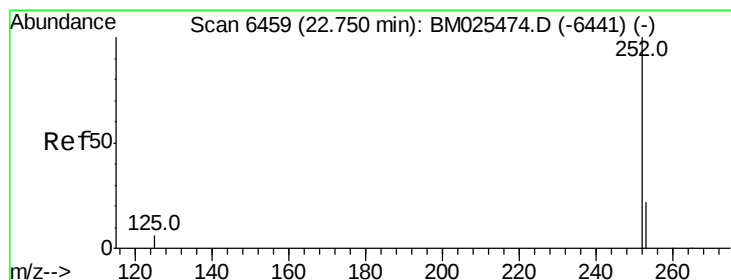
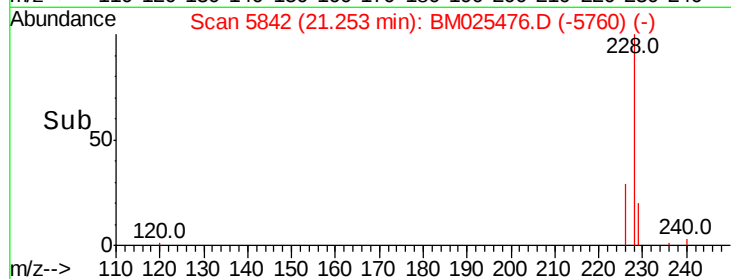
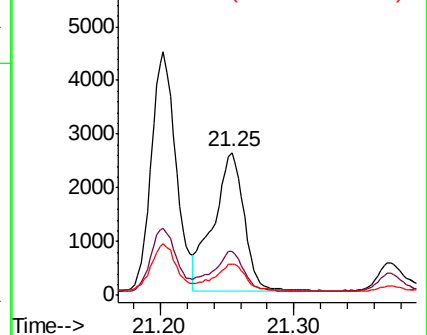
229 22.2 16.3 24.5



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: 0.059 ng/ul m

RT: 22.75 min Scan# 6462

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

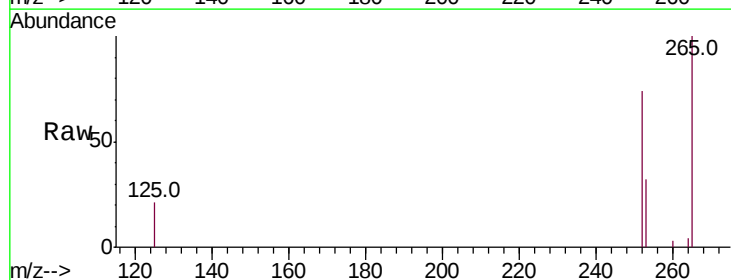
Tgt Ion:252 Resp: 3515

Ion Ratio Lower Upper

252 100

253 43.5 0.0 50.2

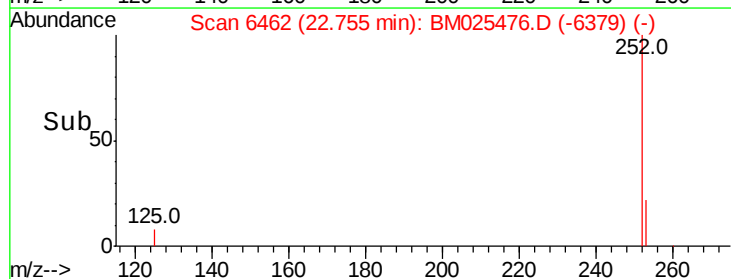
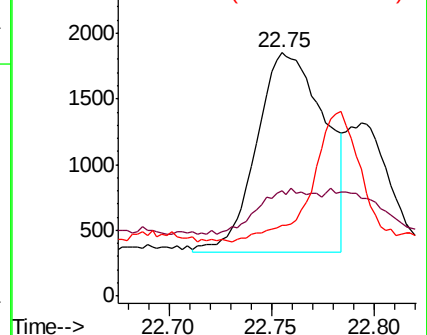
125 28.9 0.0 17.6#

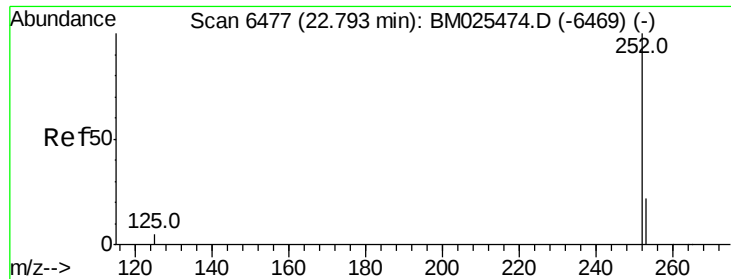


Abundance Ion 252.00 (251.70 to 252.70): E

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: 22.79 min Scan# 6478

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Instrument :

BNA_M

ClientSampleId :

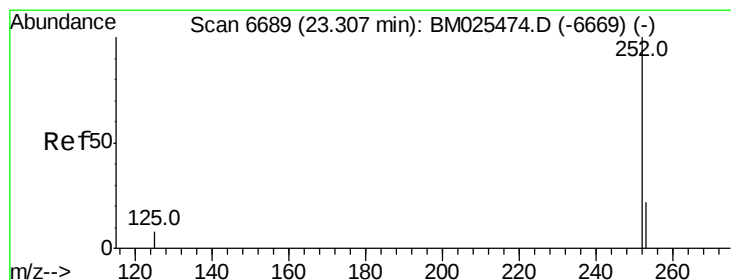
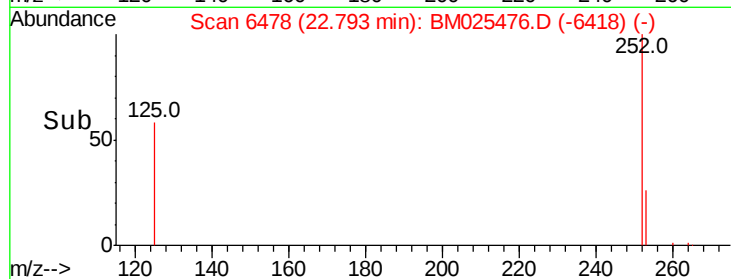
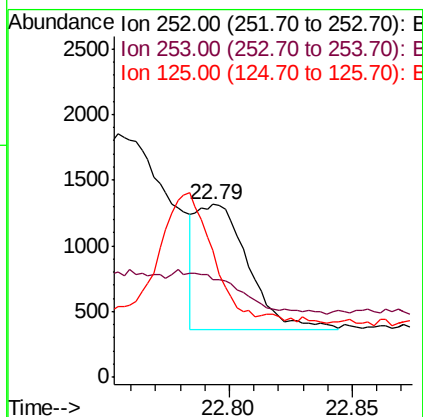
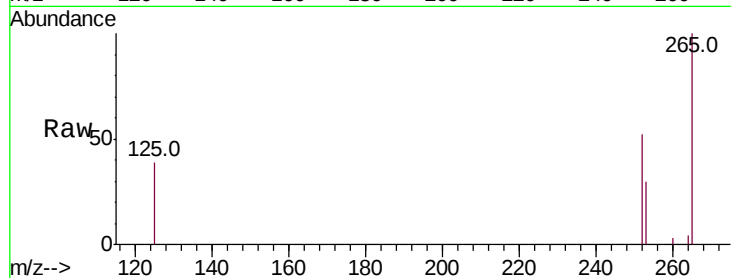
Tot Ion:252 Resp: 1405

Ion Ratio Lower Upper

252 100

253 56.4 19.8 29.8#

125 73.7 7.1 10.7#



#23

Benzo(a)pyrene

Concen: 0.038 ng/ul

RT: 23.30 min Scan# 6689

Delta R.T. -0.00 min

Lab File: BM025476.D

Acq: 11 Mar 2020 05:58

Tgt Ion:252 Resp: 1864

Ion Ratio Lower Upper

252 100

253 52.9 21.3 31.9#

125 38.1 8.5 12.7#

