

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080915\
 Data File : BM002310.D
 Acq On : 09 Aug 2015 12:06
 Operator : TP/UM
 Sample : G3161-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C61

Quant Time: Aug 10 05:36:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 05:35:03 2015
 Response via : Initial Calibration

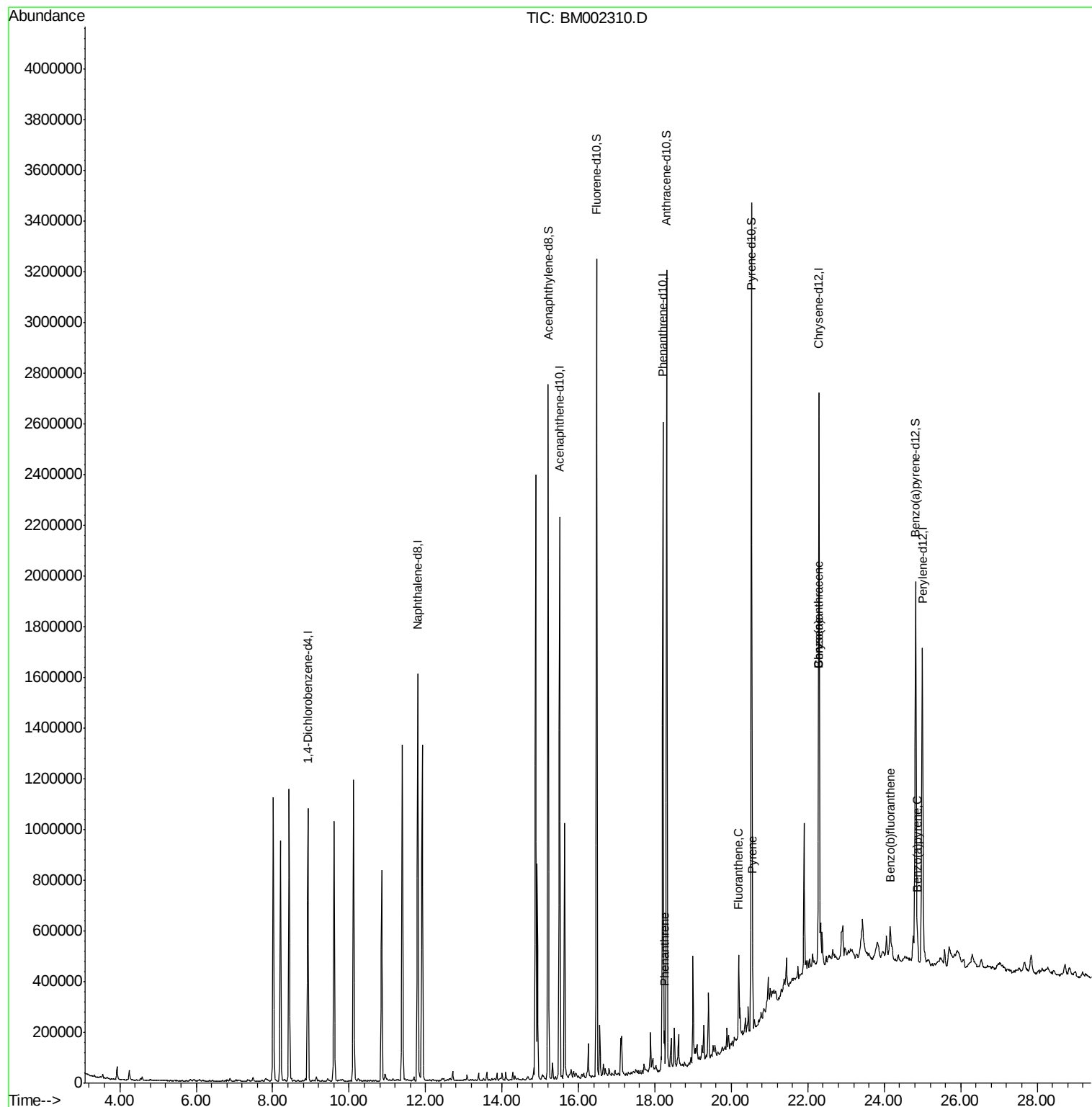
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	302577	20.00	ng/ul	0.00
2) Naphthalene-d8	11.79	136	1428790	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	738472	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1457930	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1183282	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1016179	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	2001616	26.16	ng/ul	0.00
10) Fluorene-d10	16.47	176	1283701	24.13	ng/ul	0.00
14) Anthracene-d10	18.31	188	1791905	25.33	ng/ul	0.00
18) Pyrene-d10	20.52	212	1630770	28.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	1253394	23.23	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.25	178	89576	1.07	ng/ul	Qvalue 98
16) Fluoranthene	20.19	202	195192	2.10	ng/ul	98
19) Pyrene	20.55	202	165064	2.16	ng/ul	99
20) Benzo(a)anthracene	22.27	228	85820	1.19	ng/ul	98
21) Chrysene	22.27	228	85423	1.25	ng/ul	95
23) Benzo(b)fluoranthene	24.16	252	118467	1.88	ng/ul#	95
26) Benzo(a)pyrene	24.87	252	78163	1.29	ng/ul#	92

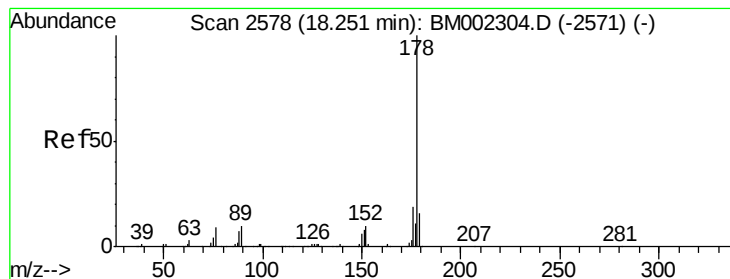
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.07 ng/ul

RT: 18.25 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

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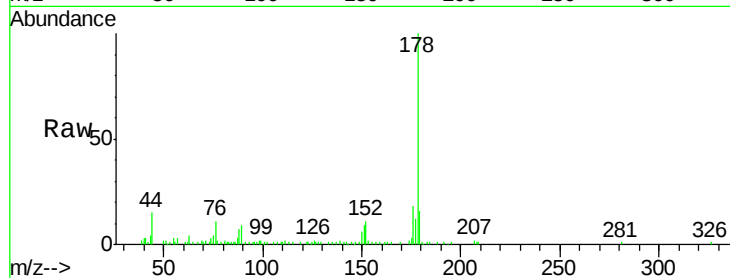
Tgt Ion:178 Resp: 89576

Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

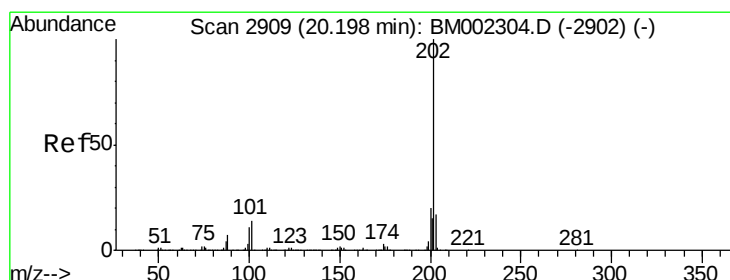
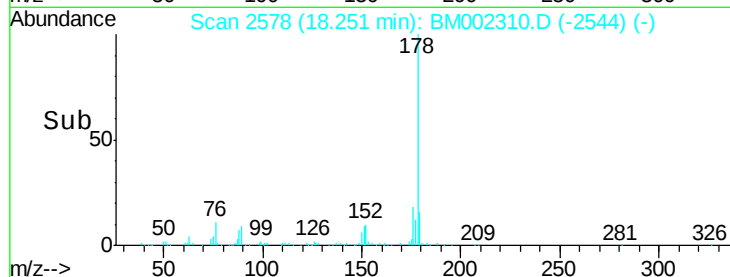
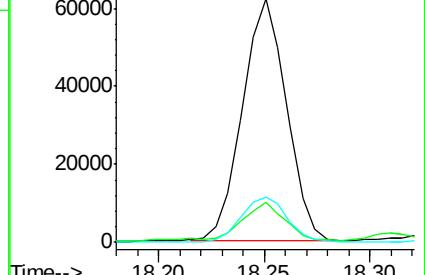
176 18.5 15.3 22.9



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



#16

Fluoranthene

Concen: 2.10 ng/ul

RT: 20.19 min Scan# 2908

Delta R.T. -0.01 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

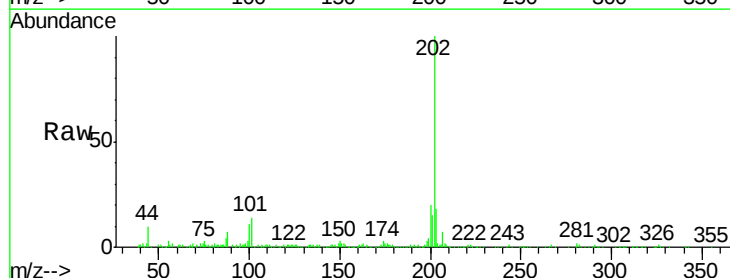
Tgt Ion:202 Resp: 195192

Ion Ratio Lower Upper

202 100

101 14.2 10.6 15.8

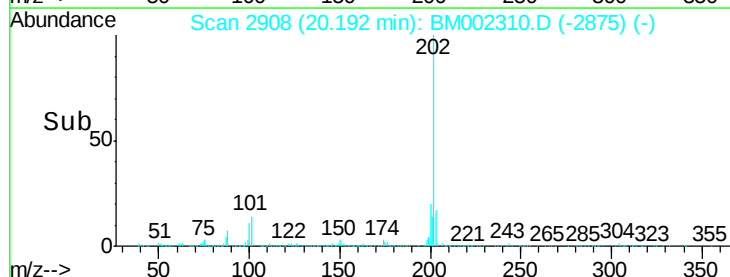
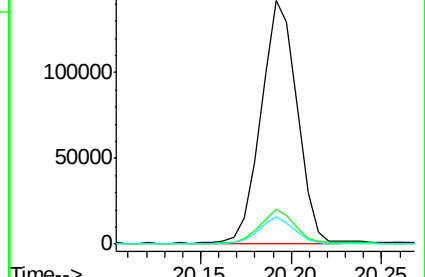
100 11.2 8.2 12.4

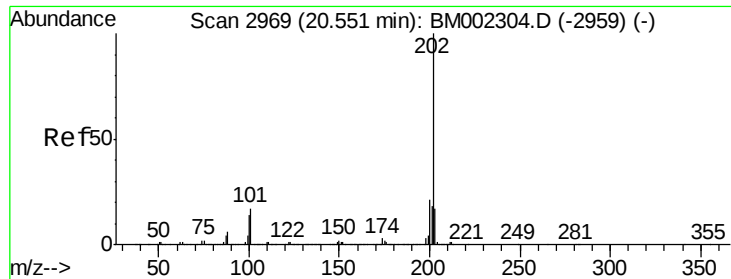


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 2.16 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

Instrument :

BNA_M

ClientSampleId :

D9C61

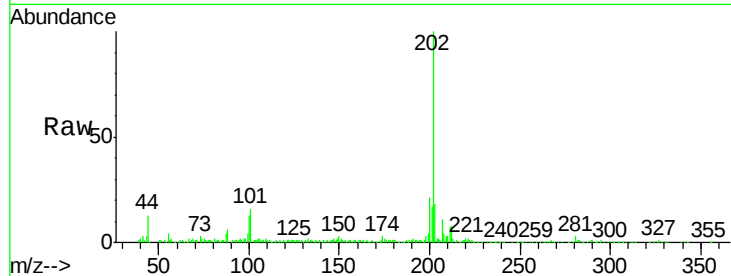
Tgt Ion:202 Resp: 165064

Ion Ratio Lower Upper

202 100

101 16.2 13.0 19.6

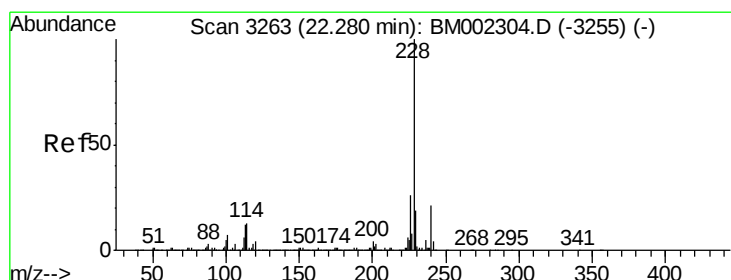
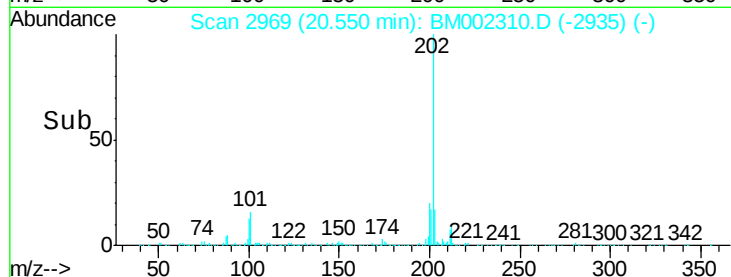
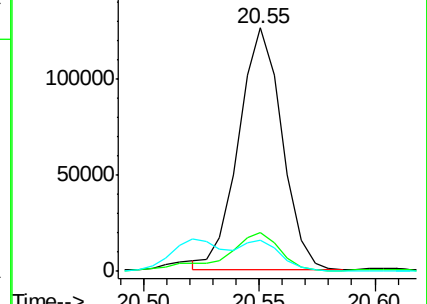
100 12.9 11.0 16.4



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



#20

Benzo(a)anthracene

Concen: 1.19 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.01 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

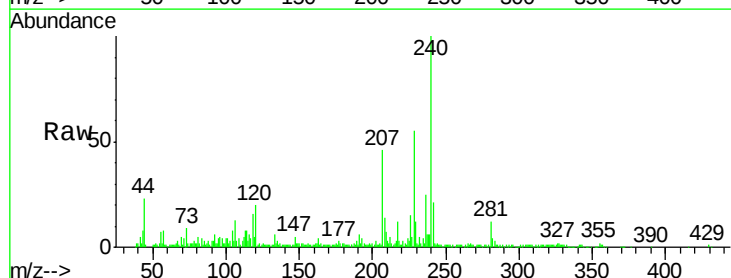
Tgt Ion:228 Resp: 85820

Ion Ratio Lower Upper

228 100

229 21.6 15.7 23.5

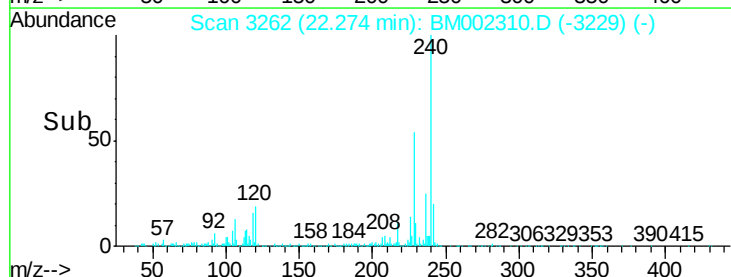
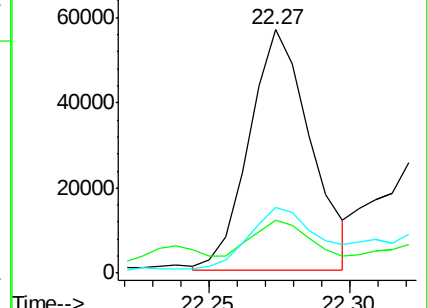
226 26.8 21.4 32.0

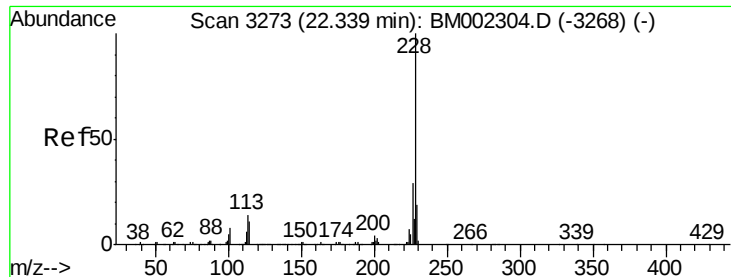


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.25 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.06 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

Instrument :

BNA_M

ClientSampleId :

D9C61

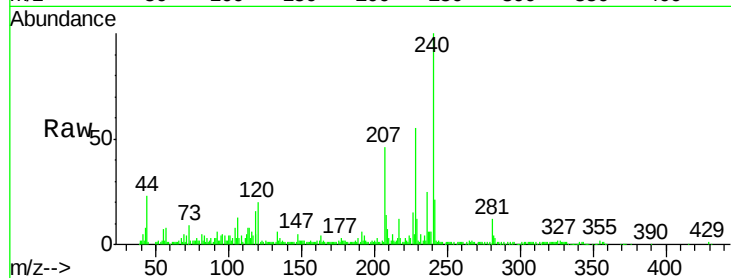
Tgt Ion:228 Resp: 85423

Ion Ratio Lower Upper

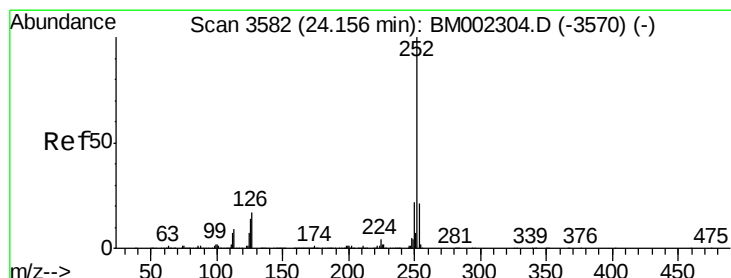
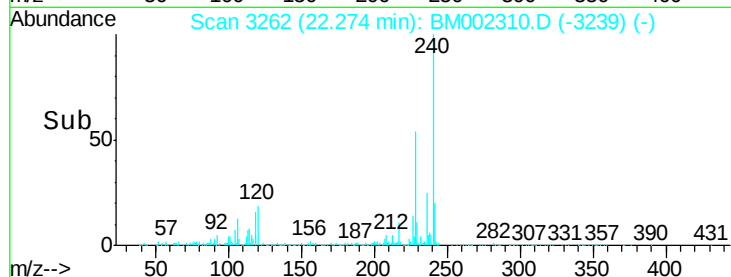
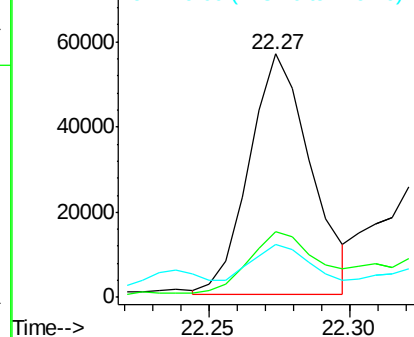
228 100

226 26.8 23.4 35.0

229 21.6 15.5 23.3



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



#23

Benzo(b)fluoranthene

Concen: 1.88 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. -0.00 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

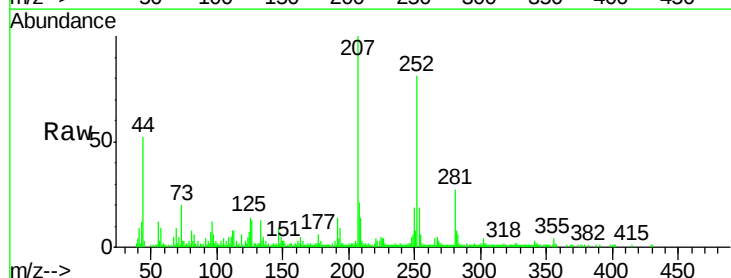
Tgt Ion:252 Resp: 118467

Ion Ratio Lower Upper

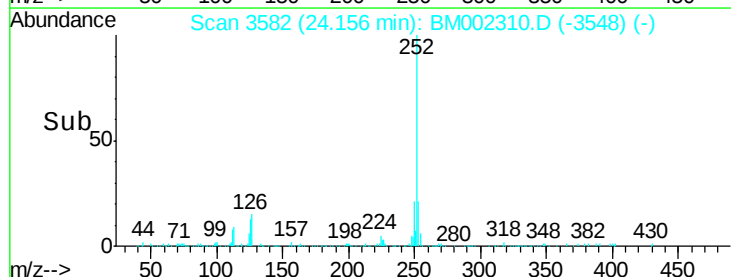
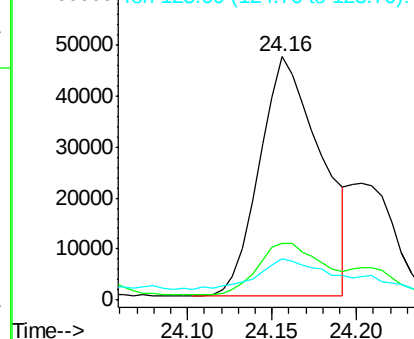
252 100

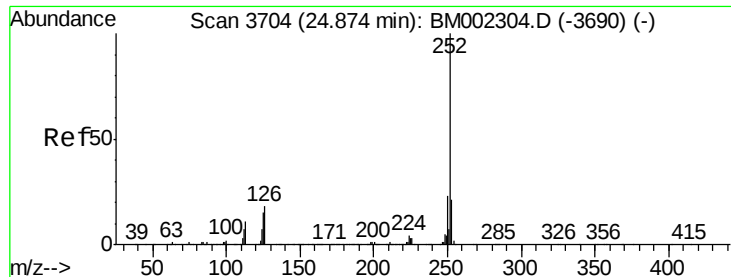
253 23.2 17.9 26.9

125 17.2 10.3 15.5#



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





#26

Benzo(a)pyrene

Concen: 1.29 ng/ul

RT: 24.87 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

Instrument :

BNA_M

ClientSampleId :

D9C61

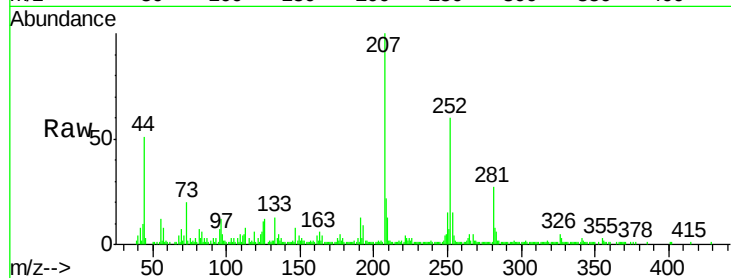
Tgt Ion: 252 Resp: 78163

Ion Ratio Lower Upper

252 100

253 25.0 17.3 25.9

125 17.8 11.0 16.6#



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

