

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002394.D
 Acq On : 13 Aug 2015 12:55
 Operator : UM/IZ
 Sample : G3194-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01033

Quant Time: Aug 14 02:03:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 14 02:01:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	253675	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1106950	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	547606	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1008103	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	721958	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	686030	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	907295	15.99	ng/ul	0.00
10) Fluorene-d10	16.46	176	595850	15.10	ng/ul	0.00
14) Anthracene-d10	18.29	188	800238	16.36	ng/ul	0.00
18) Pyrene-d10	20.51	212	660494	18.86	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	548384	15.05	ng/ul	0.00

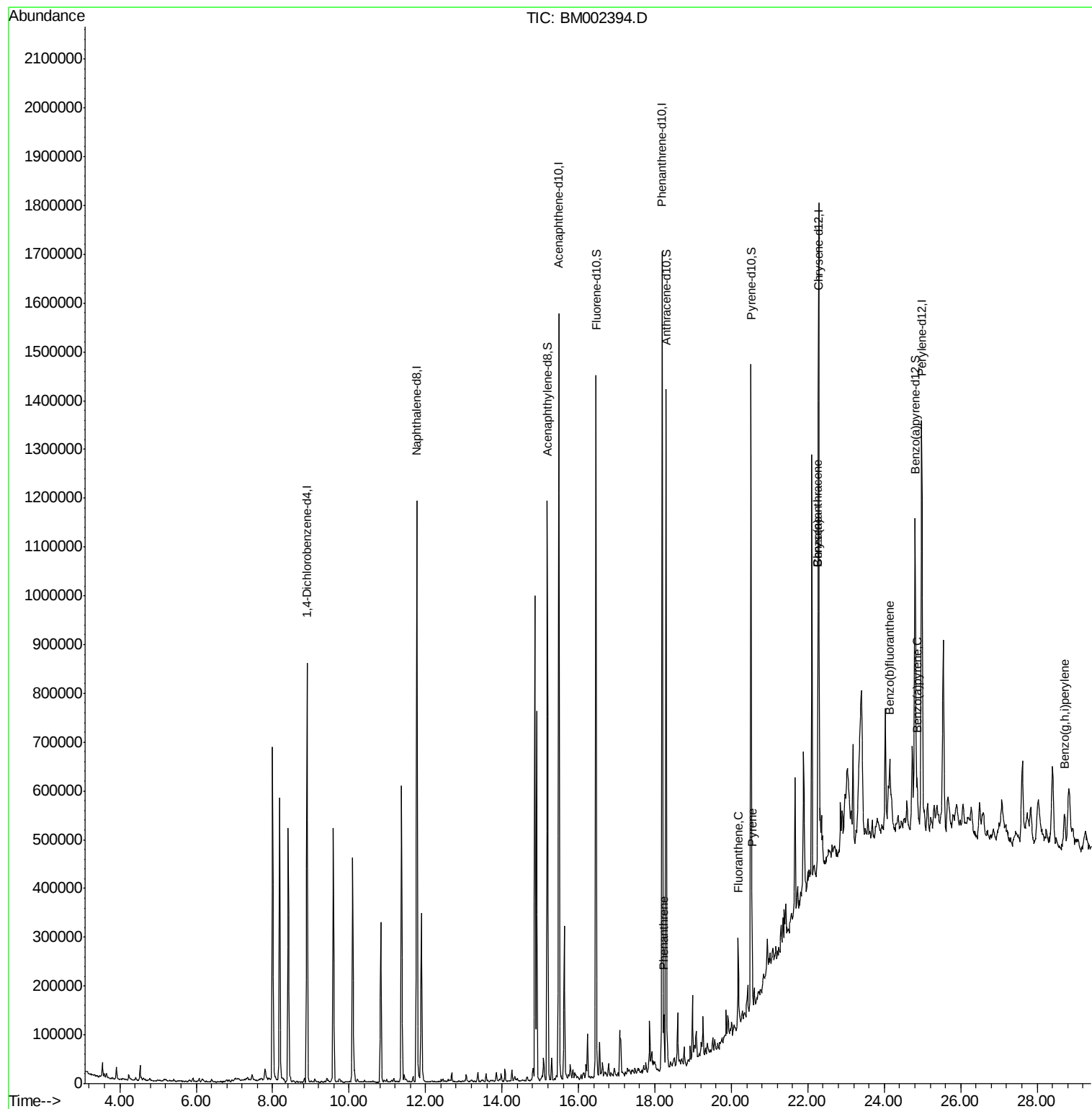
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.23	178	65780	1.13	ng/ul	99
16) Fluoranthene	20.18	202	113174	1.76	ng/ul	99
19) Pyrene	20.54	202	106819	2.29	ng/ul	96
20) Benzo(a)anthracene	22.26	228	56328	1.28	ng/ul	97
21) Chrysene	22.26	228	56478	1.35	ng/ul	95
23) Benzo(b)fluoranthene	24.14	252	118155	2.77	ng/ul#	93
26) Benzo(a)pyrene	24.86	252	71545	1.75	ng/ul#	89
29) Benzo(g,h,i)perylene	28.72	276	86350	2.19	ng/ul	98

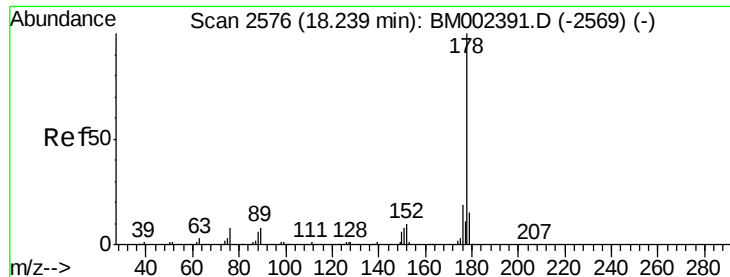
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.13 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BM002394.D

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BNA_M

ClientSampleId :

SSTD01033

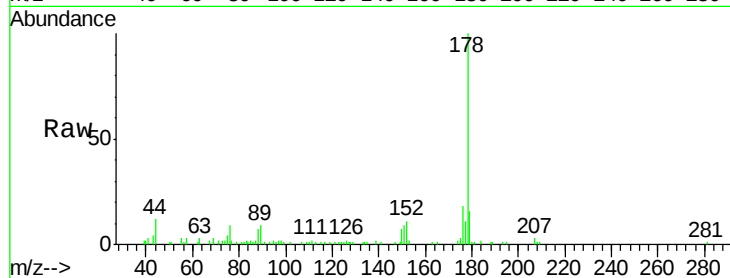
Tgt Ion:178 Resp: 65780

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

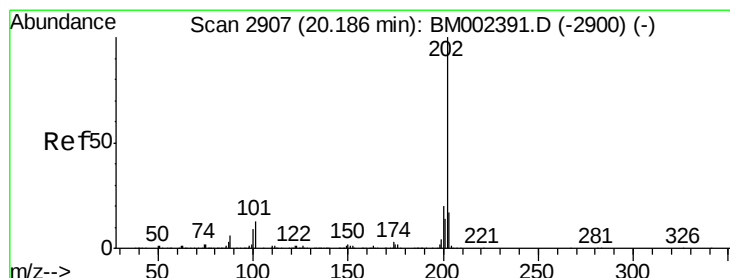
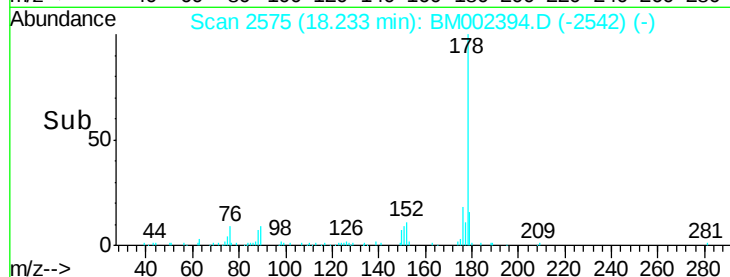
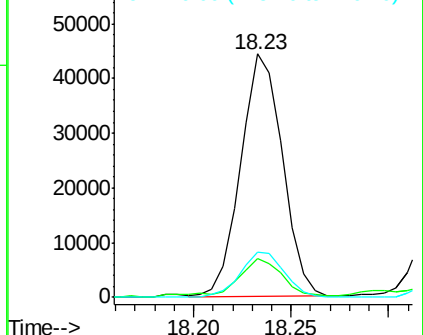
176 18.5 15.3 22.9



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: 1.76 ng/ul

RT: 20.18 min Scan# 2906

Delta R.T. -0.01 min

Lab File: BM002394.D

Acq: 13 Aug 2015 12:55

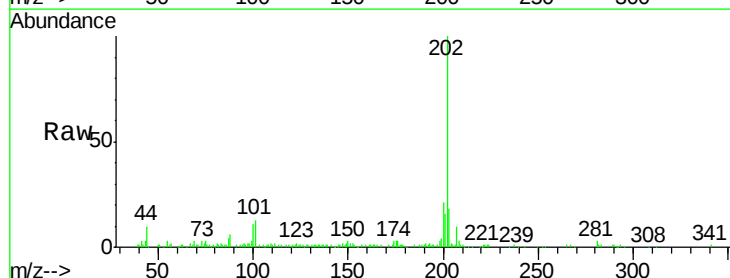
Tgt Ion:202 Resp: 113174

Ion Ratio Lower Upper

202 100

101 13.4 10.6 15.8

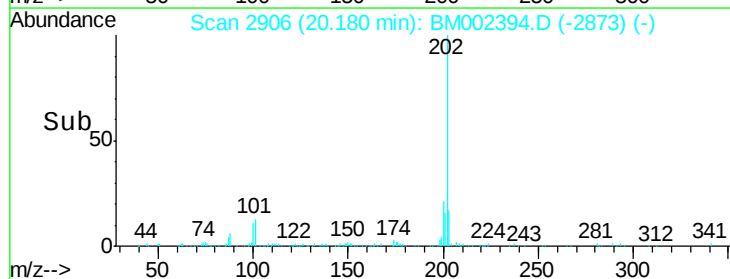
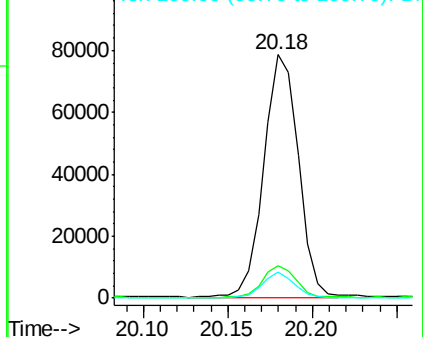
100 10.9 8.2 12.4

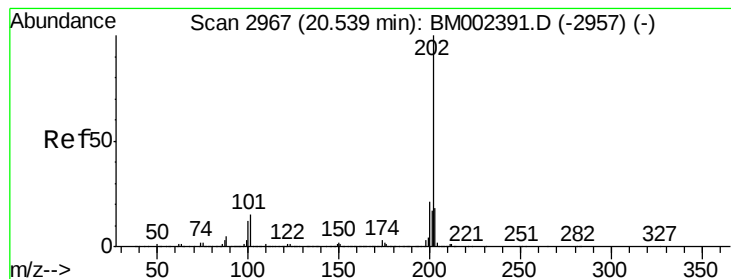


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 2.29 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BM002394.D

Acq: 13 Aug 2015 12:55

Instrument :

BNA_M

ClientSampleId :

SSTD01033

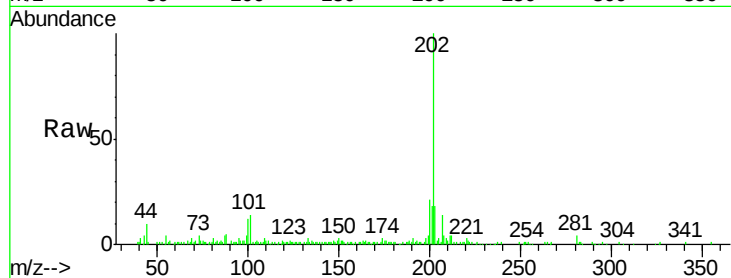
Tgt Ion:202 Resp: 106819

Ion Ratio Lower Upper

202 100

101 14.4 13.0 19.6

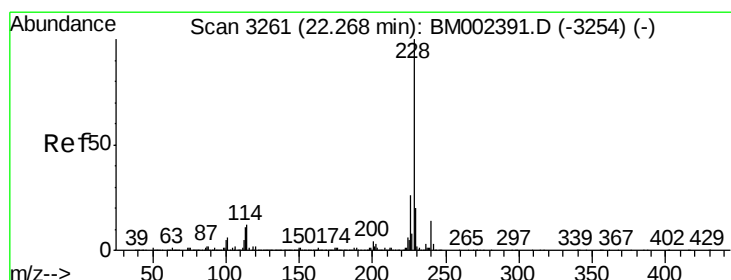
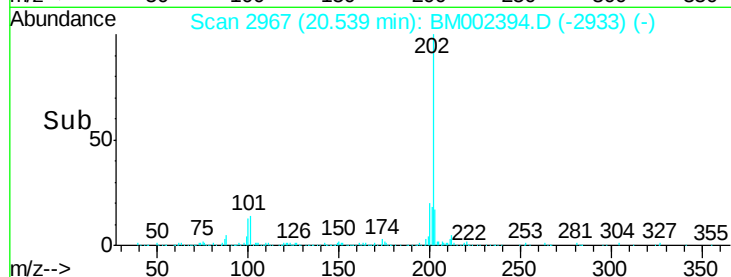
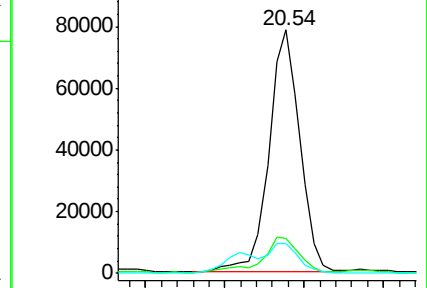
100 12.3 11.0 16.4



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): E



#20

Benzo(a)anthracene

Concen: 1.28 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM002394.D

Acq: 13 Aug 2015 12:55

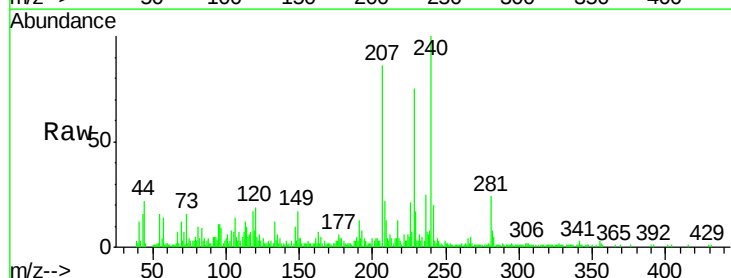
Tgt Ion:228 Resp: 56328

Ion Ratio Lower Upper

228 100

229 22.2 15.7 23.5

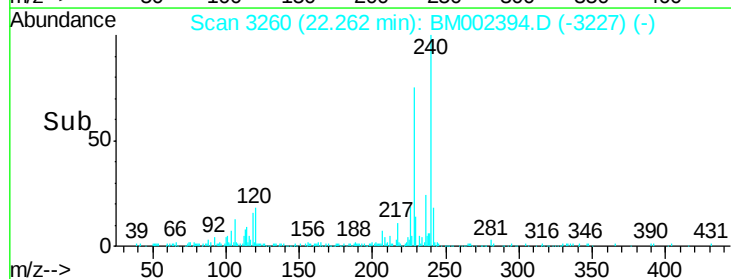
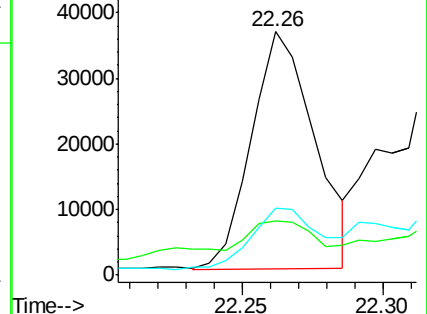
226 27.3 21.4 32.0

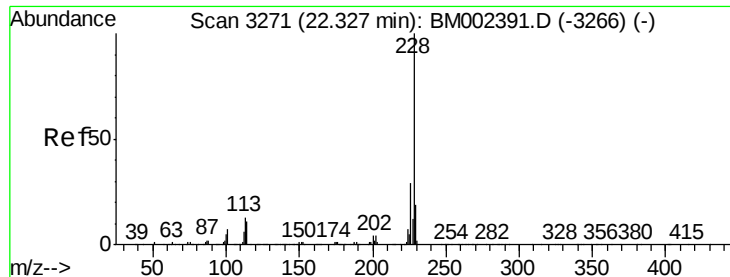


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.35 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. -0.06 min

Lab File: BM002394.D

Acq: 13 Aug 2015 12:55

Instrument :

BNA_M

ClientSampleId :

SSTD01033

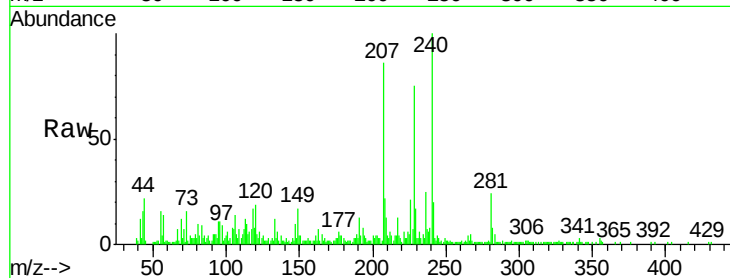
Tgt Ion: 228 Resp: 56478

Ion Ratio Lower Upper

228 100

226 27.3 23.4 35.0

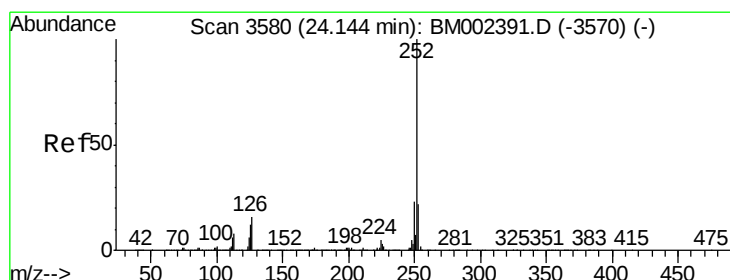
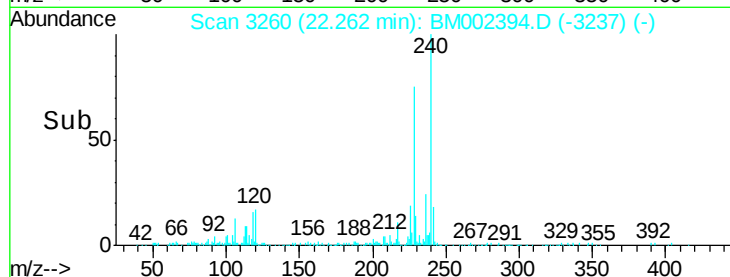
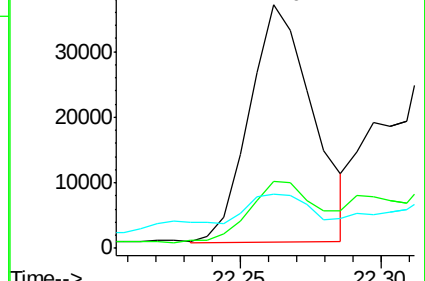
229 22.2 15.5 23.3



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: 2.77 ng/ul

RT: 24.14 min Scan# 3580

Delta R.T. -0.00 min

Lab File: BM002394.D

Acq: 13 Aug 2015 12:55

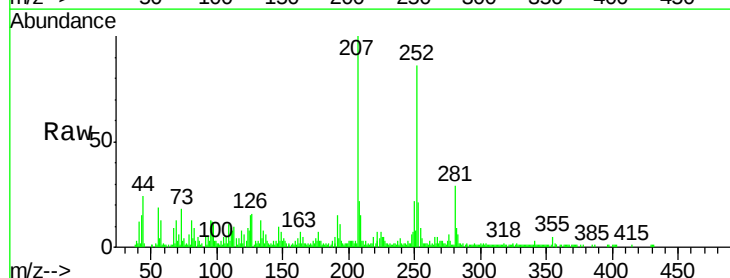
Tgt Ion: 252 Resp: 118155

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

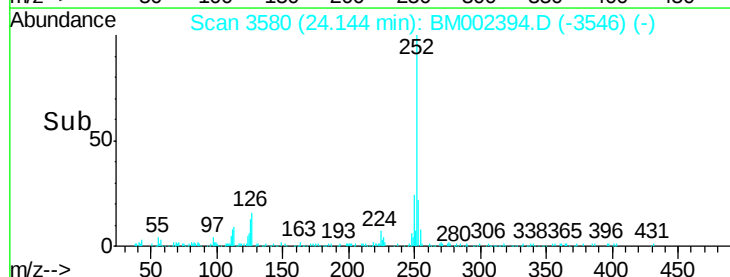
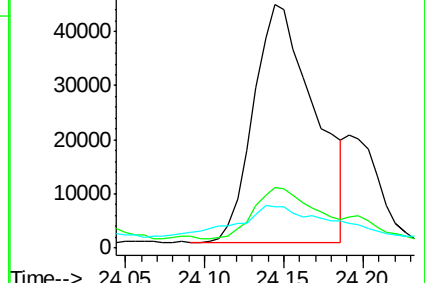
125 16.9 10.3 15.5#

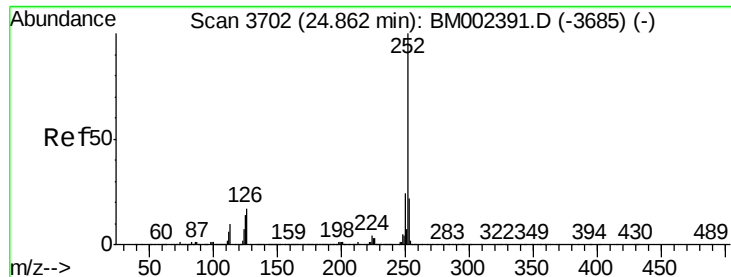


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.75 ng/ul

RT: 24.86 min Scan# 3702

Delta R.T. -0.00 min

Lab File: BM002394.D

Acq: 13 Aug 2015 12:55

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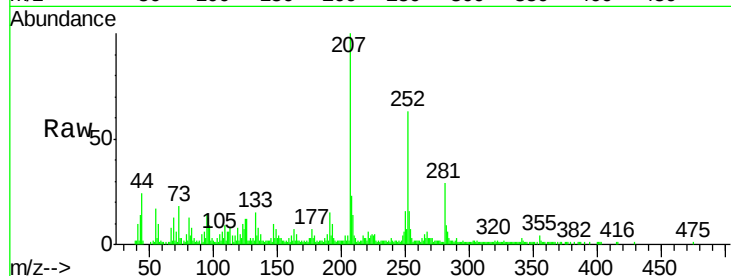
Tgt Ion:252 Resp: 71545

Ion Ratio Lower Upper

252 100

253 26.3 17.3 25.9#

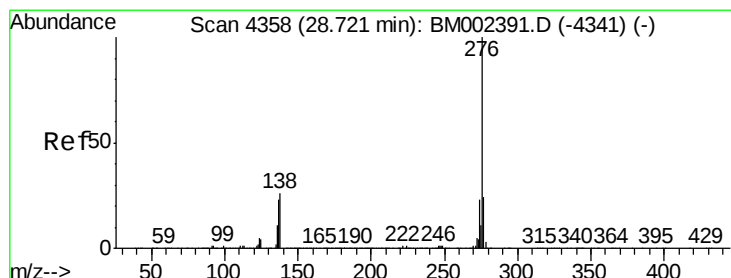
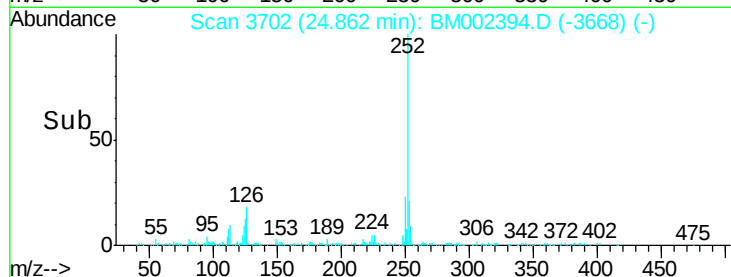
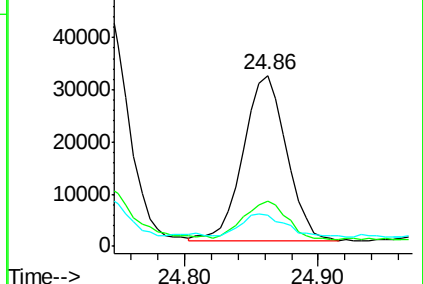
125 18.4 11.0 16.6#



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



#29

Benzo(g,h,i)perylene

Concen: 2.19 ng/ul

RT: 28.72 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BM002394.D

Acq: 13 Aug 2015 12:55

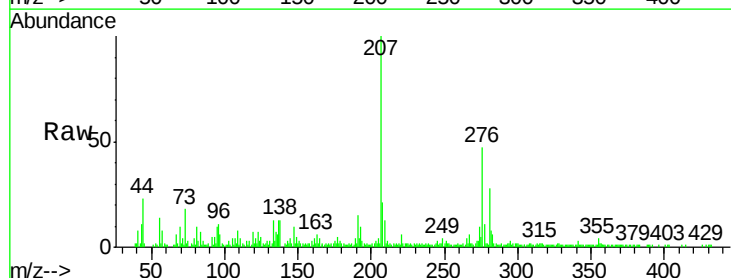
Tgt Ion:276 Resp: 86350

Ion Ratio Lower Upper

276 100

138 26.9 20.5 30.7

277 24.4 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

