

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002401.D
 Acq On : 13 Aug 2015 17:11
 Operator : UM/IZ
 Sample : G3194-20
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DA0

Quant Time: Aug 14 02:04:48 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	255247	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1123488	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	543357	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	952631	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	667564	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	647160	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1104232	19.62	ng/ul	0.00
10) Fluorene-d10	16.46	176	711102	18.16	ng/ul	0.00
14) Anthracene-d10	18.30	188	914744	19.79	ng/ul	0.00
18) Pyrene-d10	20.52	212	725416	22.41	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	624369	18.17	ng/ul	0.00

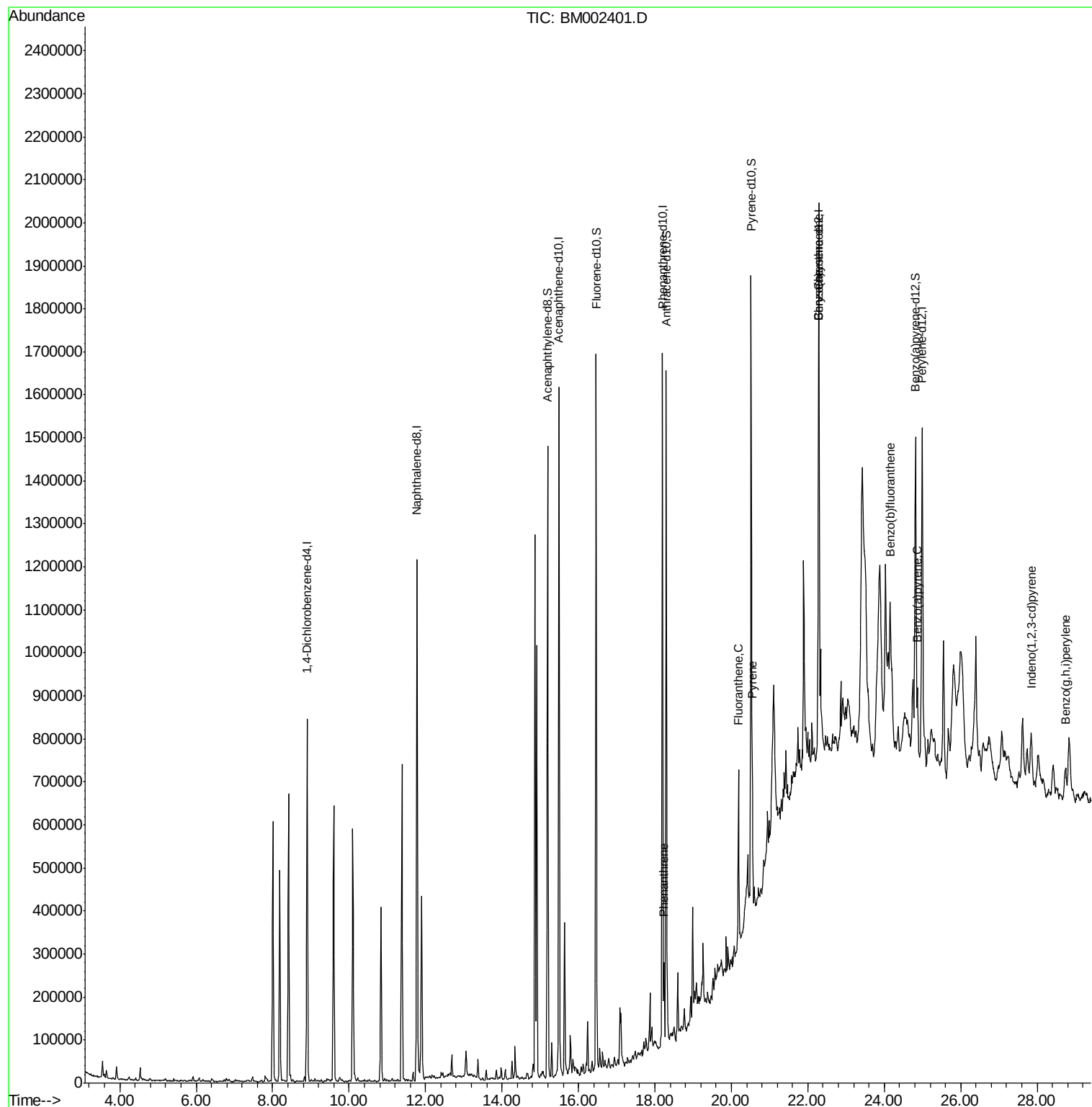
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.24	178	114417	2.09	ng/ul	99
16) Fluoranthene	20.19	202	247343	4.07	ng/ul	98
19) Pyrene	20.54	202	204278	4.73	ng/ul	96
20) Benzo(a)anthracene	22.27	228	119996	2.94	ng/ul	96
21) Chrysene	22.27	228	118007	3.06	ng/ul	95
23) Benzo(b)fluoranthene	24.16	252	222253	5.53	ng/ul#	94
26) Benzo(a)pyrene	24.87	252	122404	3.18	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.84	276	108006	2.45	ng/ul	98
29) Benzo(g,h,i)perylene	28.74	276	97188	2.61	ng/ul	92

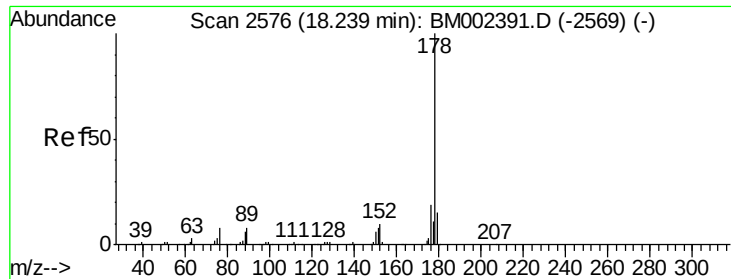
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.09 ng/ul

RT: 18.24 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

Instrument :

BNA_M

ClientSampleId :

D9DA0

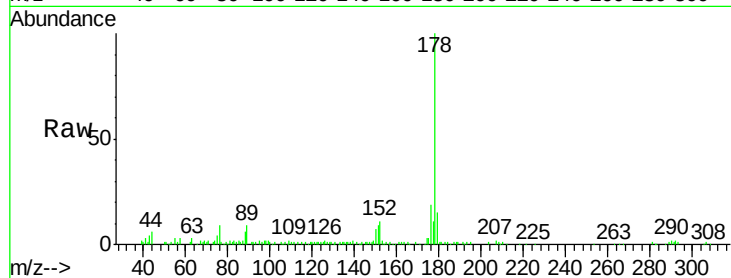
Tgt Ion:178 Resp: 114417

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

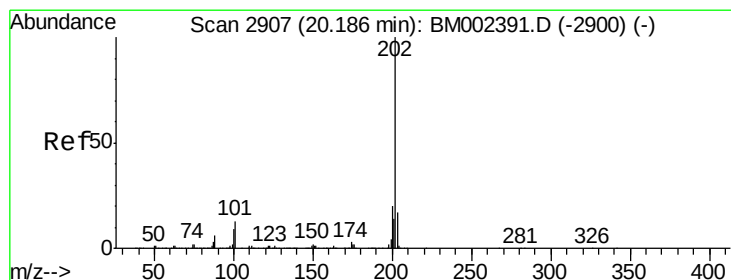
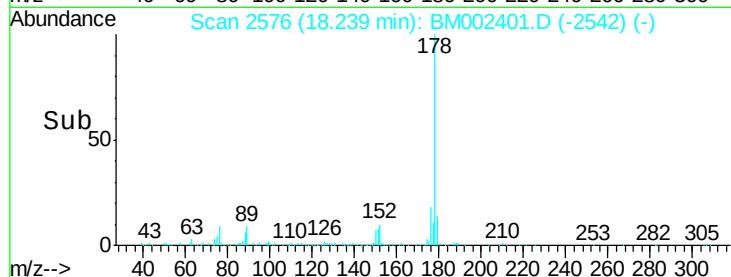
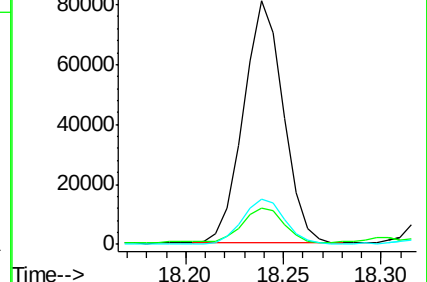
176 18.6 15.3 22.9



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: 4.07 ng/ul

RT: 20.19 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

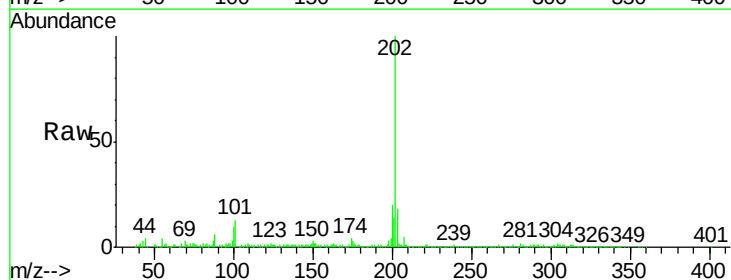
Tgt Ion:202 Resp: 247343

Ion Ratio Lower Upper

202 100

101 12.7 10.6 15.8

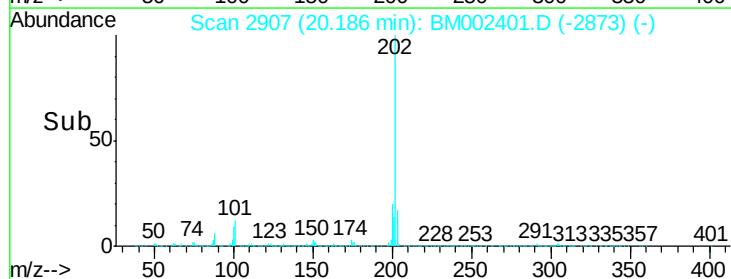
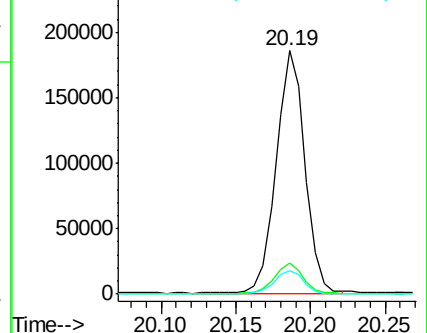
100 9.5 8.2 12.4

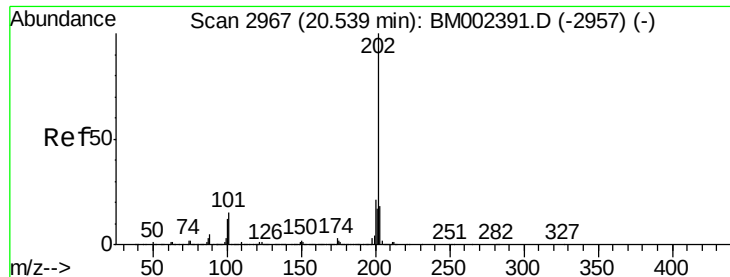


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 4.73 ng/ul

RT: 20.54 min Scan# 2968

Delta R.T. 0.01 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

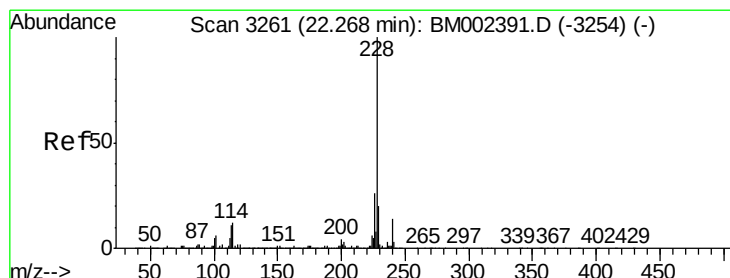
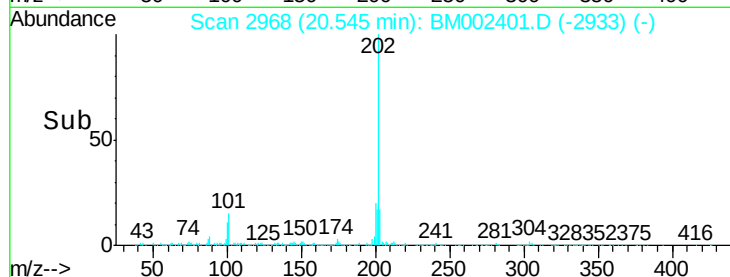
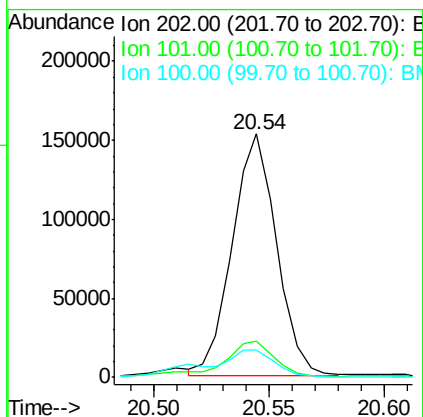
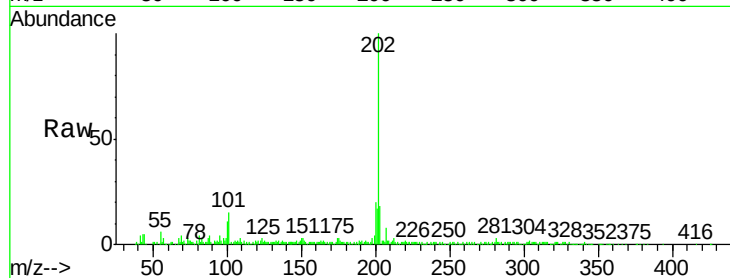
Instrument :

BNA_M

ClientSampleId :

D9DA0

Tgt Ion:	202	Resp:	204278
Ion	Ratio	Lower	Upper
202	100		
101	15.1	13.0	19.6
100	11.2	11.0	16.4



#20

Benzo(a)anthracene

Concen: 2.94 ng/ul

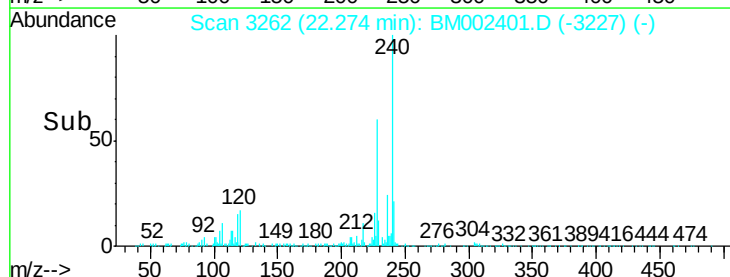
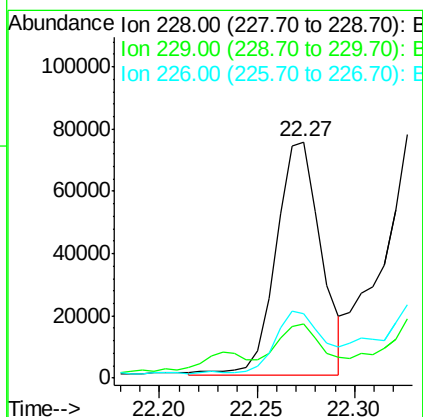
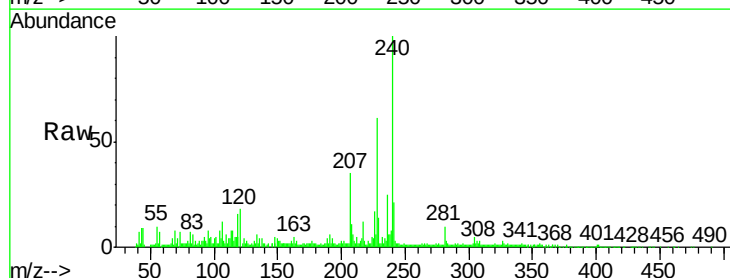
RT: 22.27 min Scan# 3262

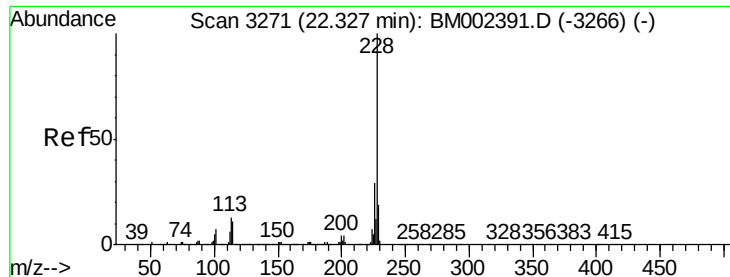
Delta R.T. 0.01 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

Tgt Ion:	228	Resp:	119996
Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.7	23.5
226	27.5	21.4	32.0





#21

Chrysene

Concen: 3.06 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.05 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

Instrument :

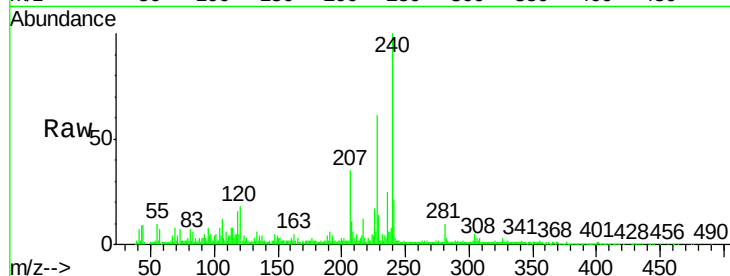
BNA_M

ClientSampled :

D9DA0

Tgt Ion: 228 Resp: 118007

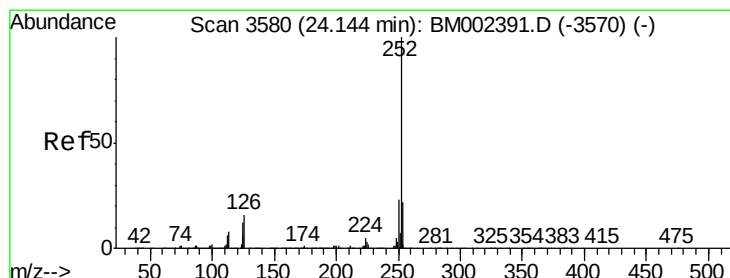
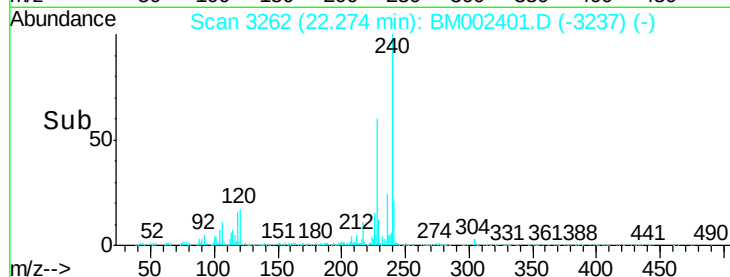
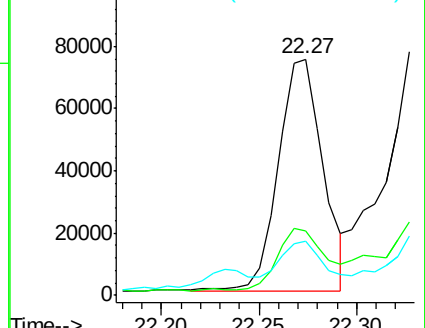
Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	22.7	15.5	23.3



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: 5.53 ng/ul

RT: 24.16 min Scan# 3582

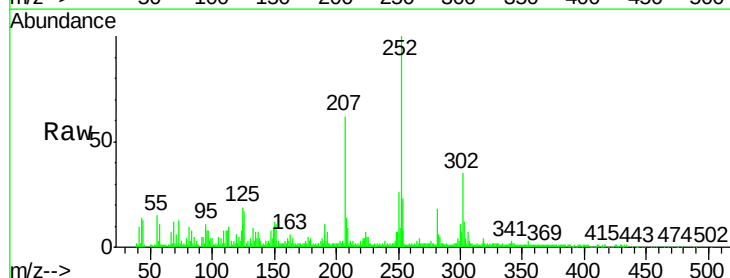
Delta R.T. 0.01 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

Tgt Ion: 252 Resp: 222253

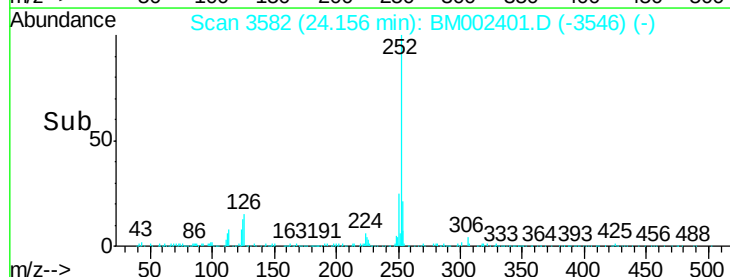
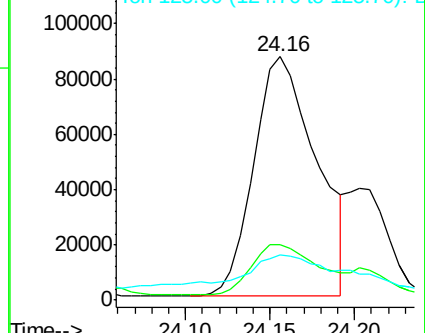
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	18.8	10.3	15.5

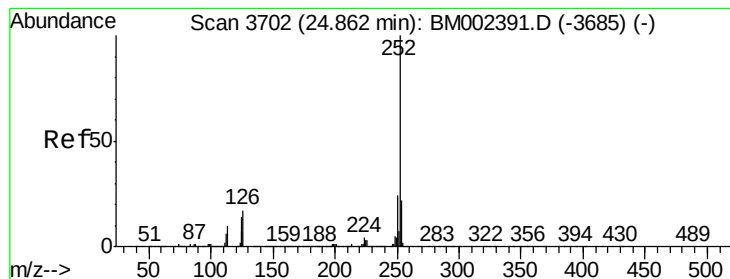


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 3.18 ng/ul

RT: 24.87 min Scan# 3704

Delta R.T. 0.01 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

Instrument :

BNA_M

ClientSampleId :

D9DA0

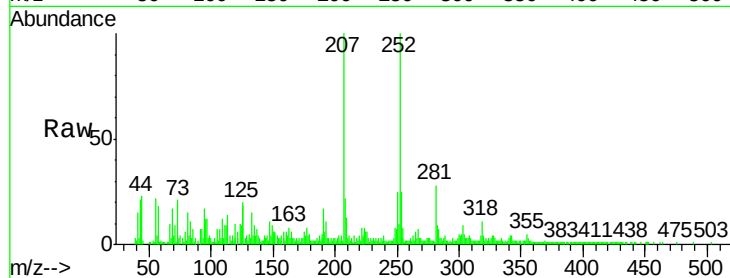
Tgt Ion:252 Resp: 122404

Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

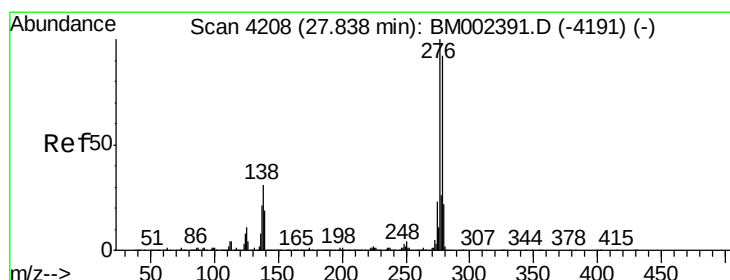
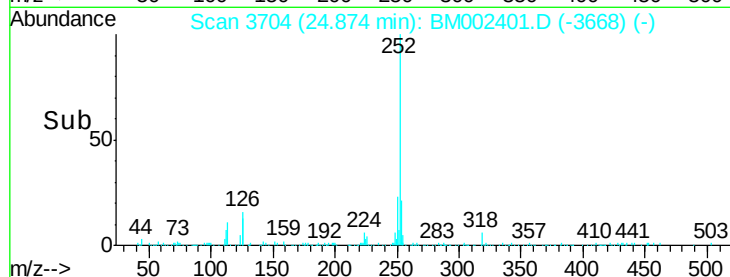
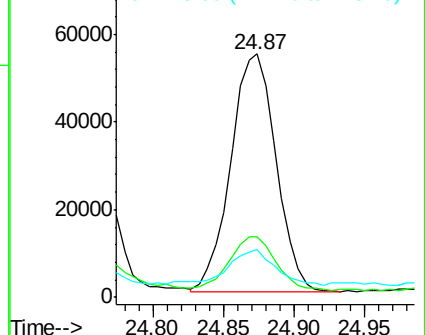
125 19.7 11.0 16.6#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.45 ng/ul

RT: 27.84 min Scan# 4209

Delta R.T. 0.01 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

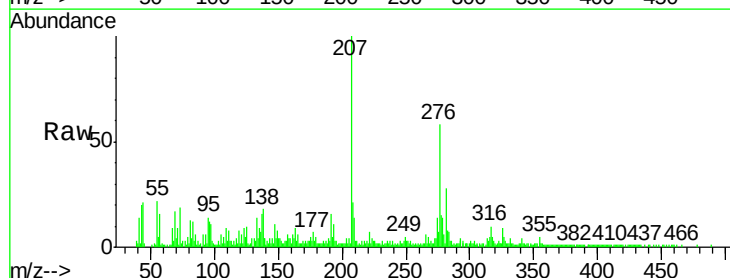
Tgt Ion:276 Resp: 108006

Ion Ratio Lower Upper

276 100

138 30.9 25.6 38.4

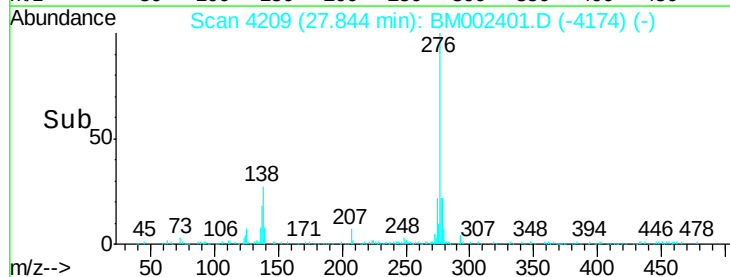
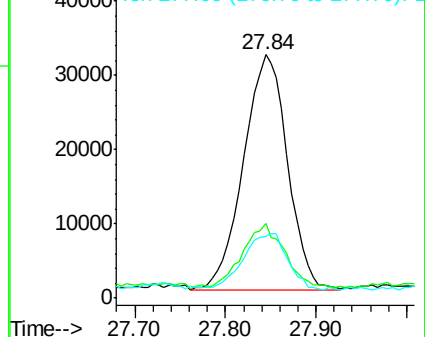
277 25.6 21.0 31.4

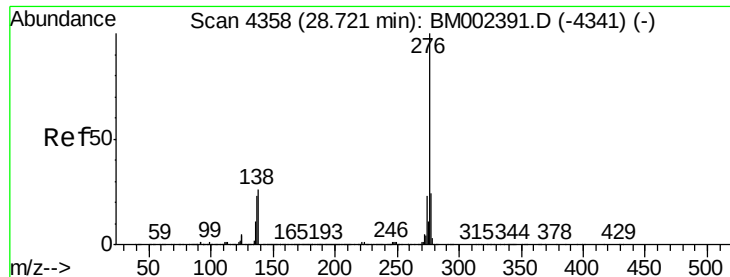


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(g,h,i)perylene

Concen: 2.61 ng/ul

RT: 28.74 min Scan# 4361

Delta R.T. 0.02 min

Lab File: BM002401.D

Acq: 13 Aug 2015 17:11

Instrument :

BNA_M

ClientSampleId :

D9DA0

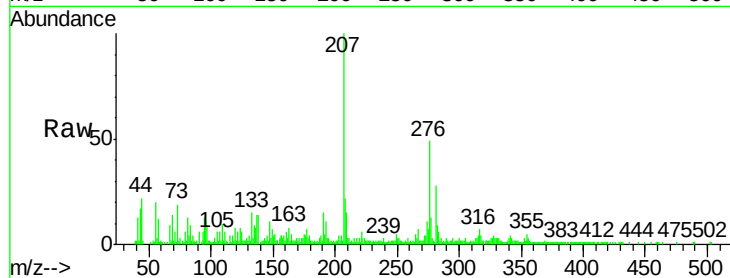
Tgt Ion:276 Resp: 97188

Ion Ratio Lower Upper

276 100

138 29.7 20.5 30.7

277 27.6 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

