

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
 Data File : BM002538.D
 Acq On : 22 Aug 2015 01:42
 Operator : UM/IZ
 Sample : G3372-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DW9

Quant Time: Aug 22 03:29:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 23:16:58 2015
 Response via : Initial Calibration

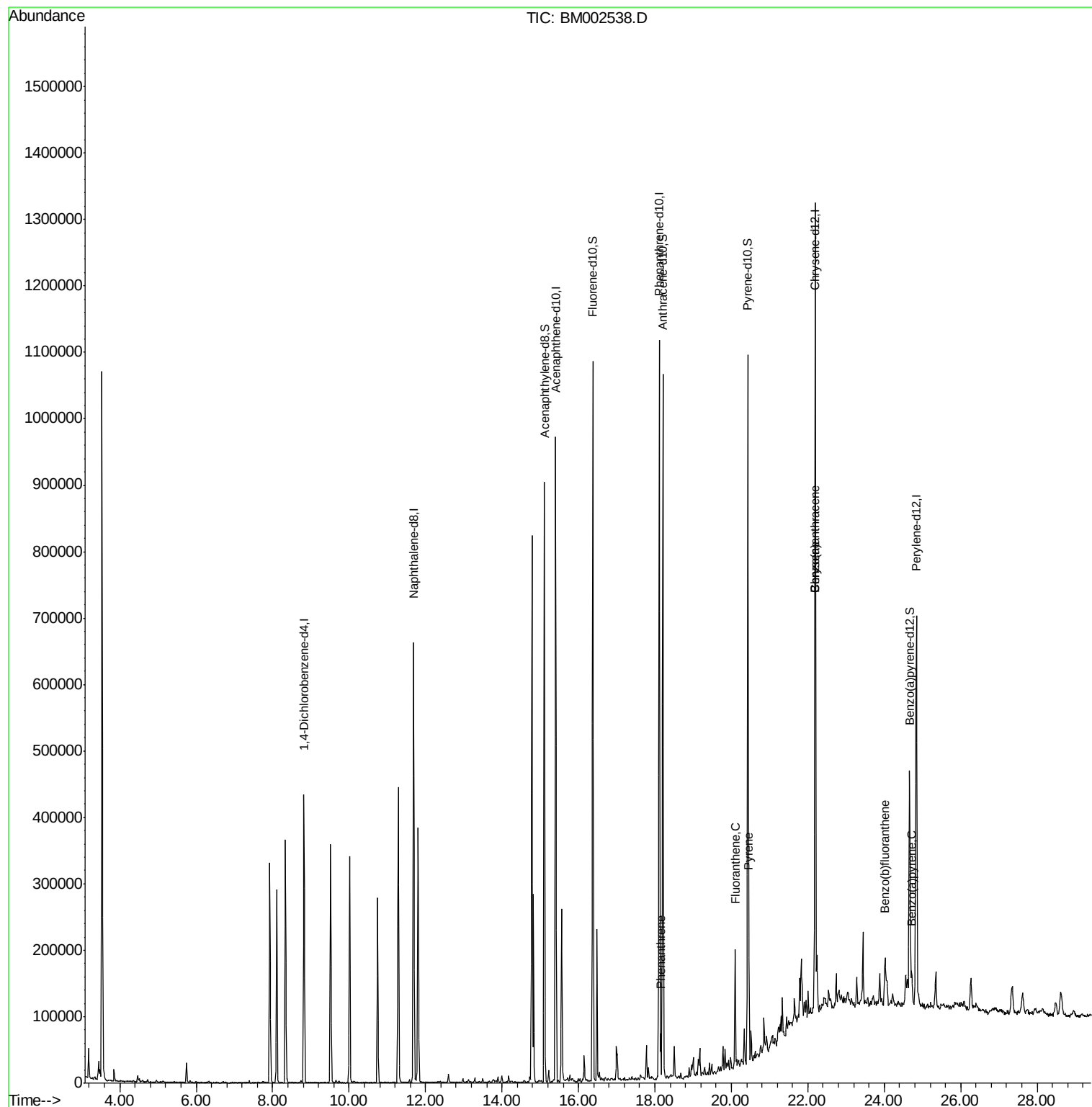
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	130894	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	619731	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	333118	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.11	188	688969	20.00	ng/ul	0.00
17) Chrysene-d12	22.19	240	616869	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	461412	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.11	160	691807	20.31	ng/ul	0.00
10) Fluorene-d10	16.37	176	441976	18.48	ng/ul	0.00
14) Anthracene-d10	18.21	188	615730	18.53	ng/ul	0.00
18) Pyrene-d10	20.43	212	537265	19.65	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	287576	11.86	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.15	178	42283	1.06	ng/ul	Qvalue 99
16) Fluoranthene	20.10	202	106233	2.36	ng/ul	98
19) Pyrene	20.46	202	92505	2.56	ng/ul	99
20) Benzo(a)anthracene	22.17	228	46740	1.27	ng/ul	98
21) Chrysene	22.17	228	46267	1.34	ng/ul	96
23) Benzo(b)fluoranthene	24.02	252	62769	2.25	ng/ul#	96
26) Benzo(a)pyrene	24.72	252	37161	1.39	ng/ul#	95

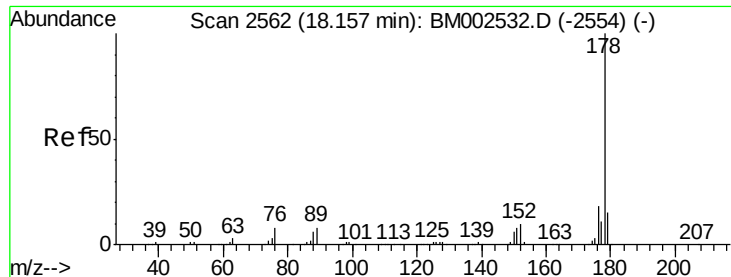
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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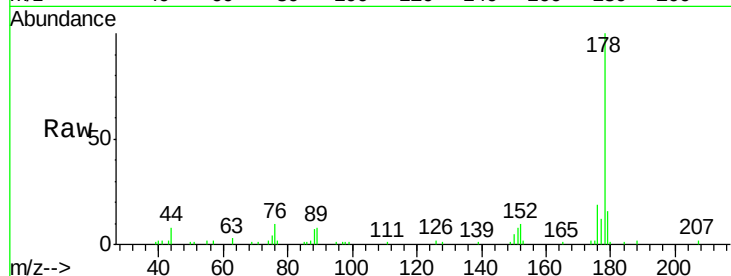




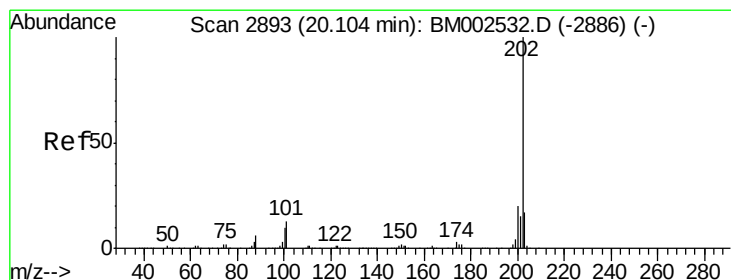
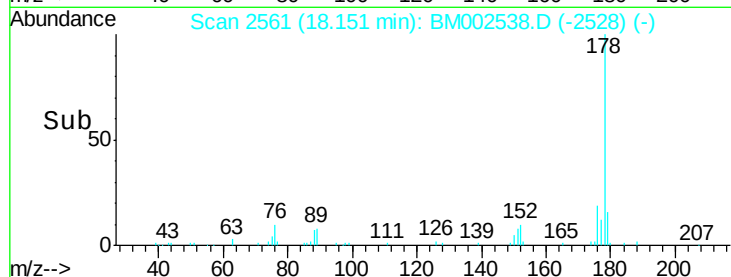
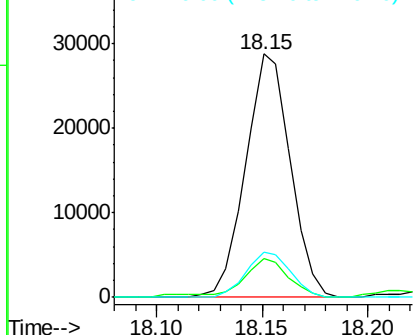
#13
Phenanthrene
Concen: 1.06 ng/ul
RT: 18.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BM002538.D
Acq: 22 Aug 2015 01:42

Instrument :
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ClientSampleId :
D9DW9

Tgt Ion:178 Resp: 42283
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 18.7 15.1 22.7

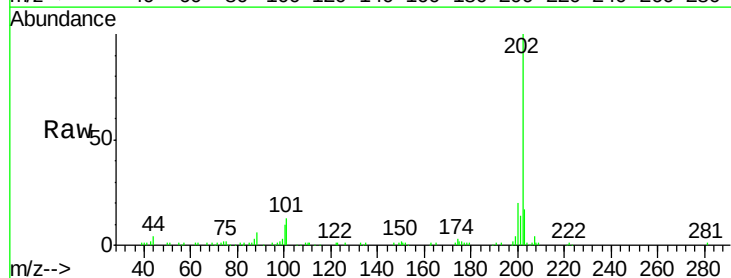


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

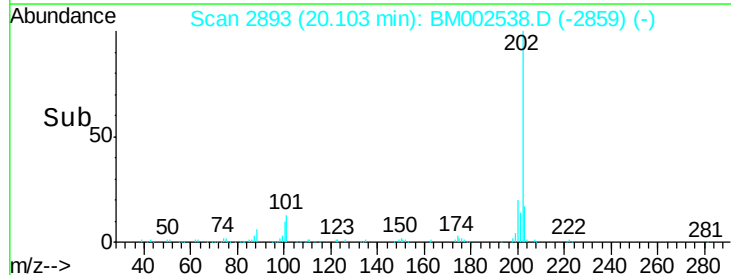
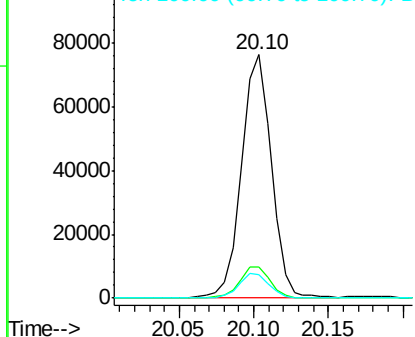


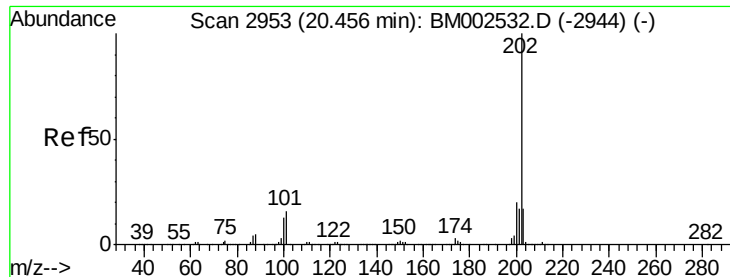
#16
Fluoranthene
Concen: 2.36 ng/ul
RT: 20.10 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM002538.D
Acq: 22 Aug 2015 01:42

Tgt Ion:202 Resp: 106233
Ion Ratio Lower Upper
202 100
101 13.0 9.7 14.5
100 9.8 7.4 11.2



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: 2.56 ng/ul

RT: 20.46 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BM002538.D

Acq: 22 Aug 2015 01:42

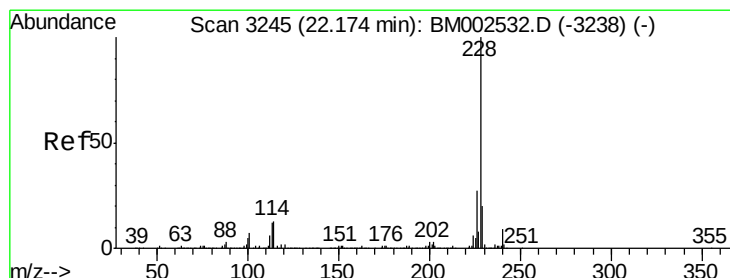
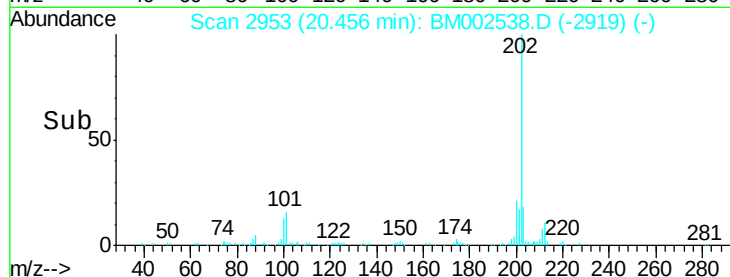
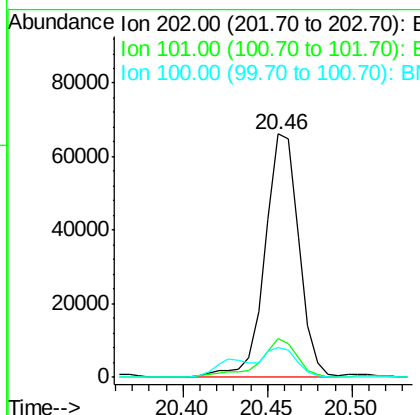
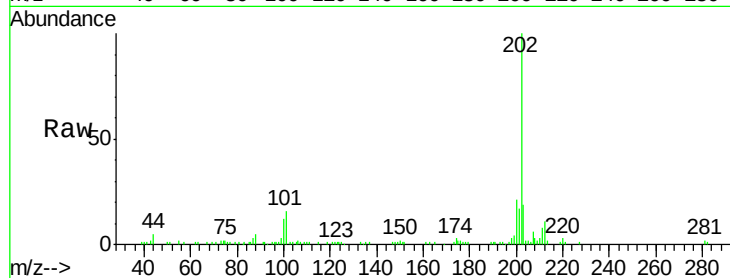
Instrument :

BNA_M

ClientSampleId :

D9DW9

Tgt Ion:	202	Resp:	92505
Ion	Ratio	Lower	Upper
202	100		
101	15.8	12.0	18.0
100	12.4	9.7	14.5



#20

Benzo(a)anthracene

Concen: 1.27 ng/ul

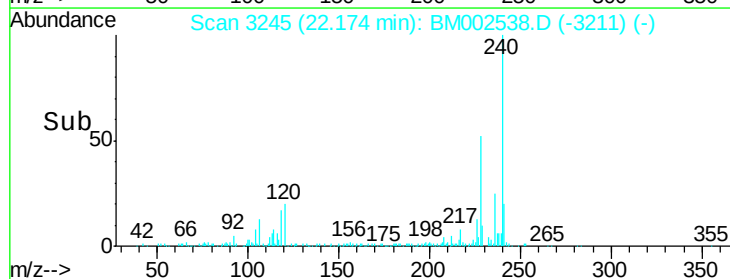
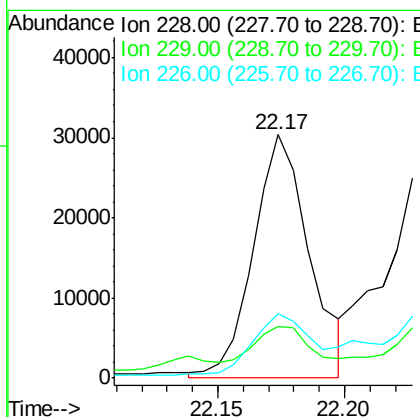
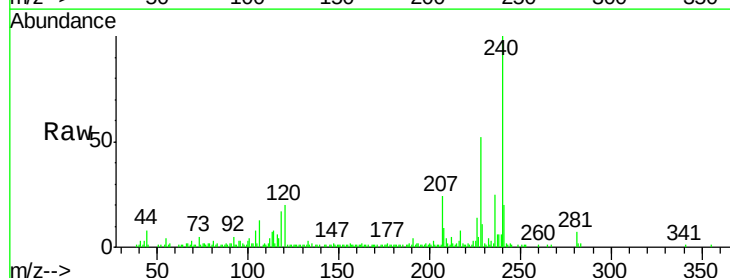
RT: 22.17 min Scan# 3245

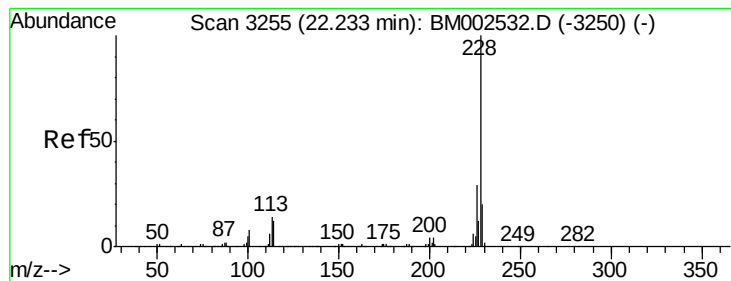
Delta R.T. -0.00 min

Lab File: BM002538.D

Acq: 22 Aug 2015 01:42

Tgt Ion:	228	Resp:	46740
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	26.7	21.1	31.7





#21

Chrysene

Concen: 1.34 ng/ul

RT: 22.17 min Scan# 3245

Delta R.T. -0.06 min

Lab File: BM002538.D

Acq: 22 Aug 2015 01:42

Instrument :

BNA_M

ClientSampleId :

D9DW9

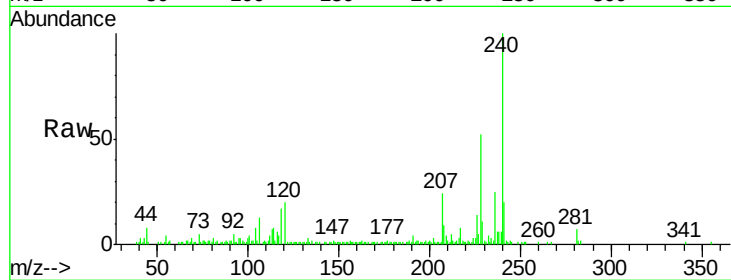
Tgt Ion:228 Resp: 46267

Ion Ratio Lower Upper

228 100

226 26.7 23.4 35.2

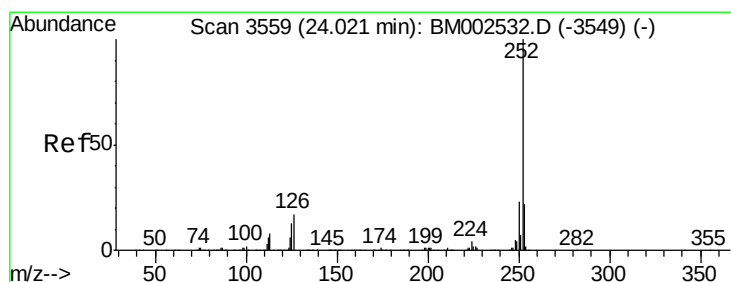
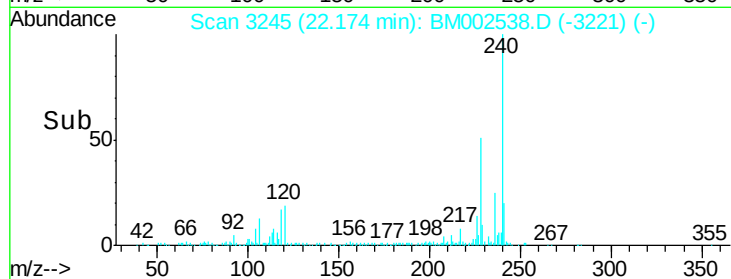
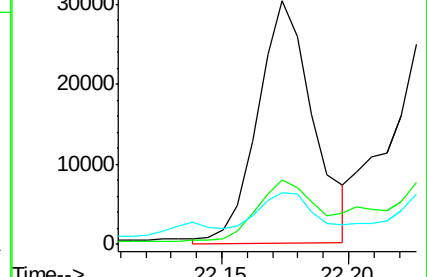
229 21.1 15.7 23.5



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



#23

Benzo(b)fluoranthene

Concen: 2.25 ng/ul

RT: 24.02 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BM002538.D

Acq: 22 Aug 2015 01:42

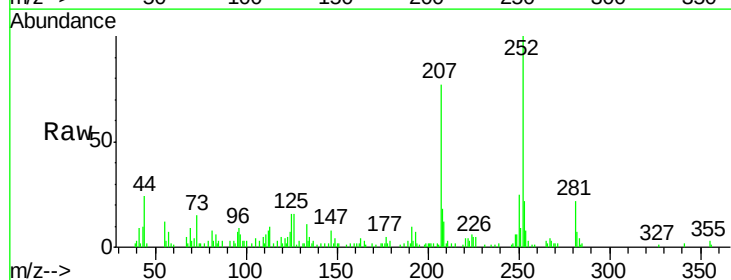
Tgt Ion:252 Resp: 62769

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

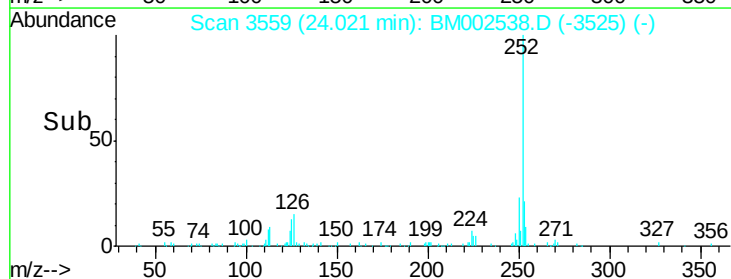
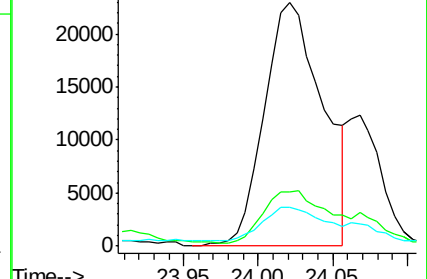
125 15.9 10.0 15.0#

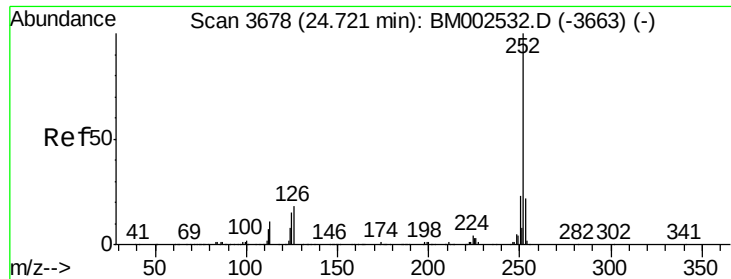


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.39 ng/ul

RT: 24.72 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BM002538.D

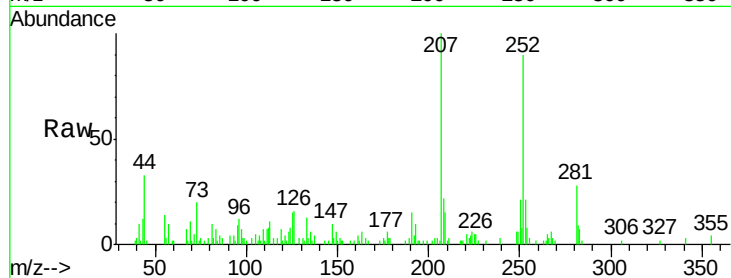
Acq: 22 Aug 2015 01:42

Instrument :

BNA_M

ClientSampleId :

D9DW9



Tgt Ion:	252	Resp:	37161
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	16.6	10.7	16.1#

