

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002575.D
 Acq On : 29 Aug 2015 21:32
 Operator : UM/IZ
 Sample : G3455-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E79

Quant Time: Aug 31 01:13:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:07:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	155156	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	616905	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	265528	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	483024	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	488149	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	514736	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	453734	16.71	ng/ul	0.00
10) Fluorene-d10	16.34	176	282789	14.83	ng/ul	0.00
14) Anthracene-d10	18.17	188	360281	15.46	ng/ul	0.00
18) Pyrene-d10	20.40	212	323830	14.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	272375	10.07	ng/ul	0.00

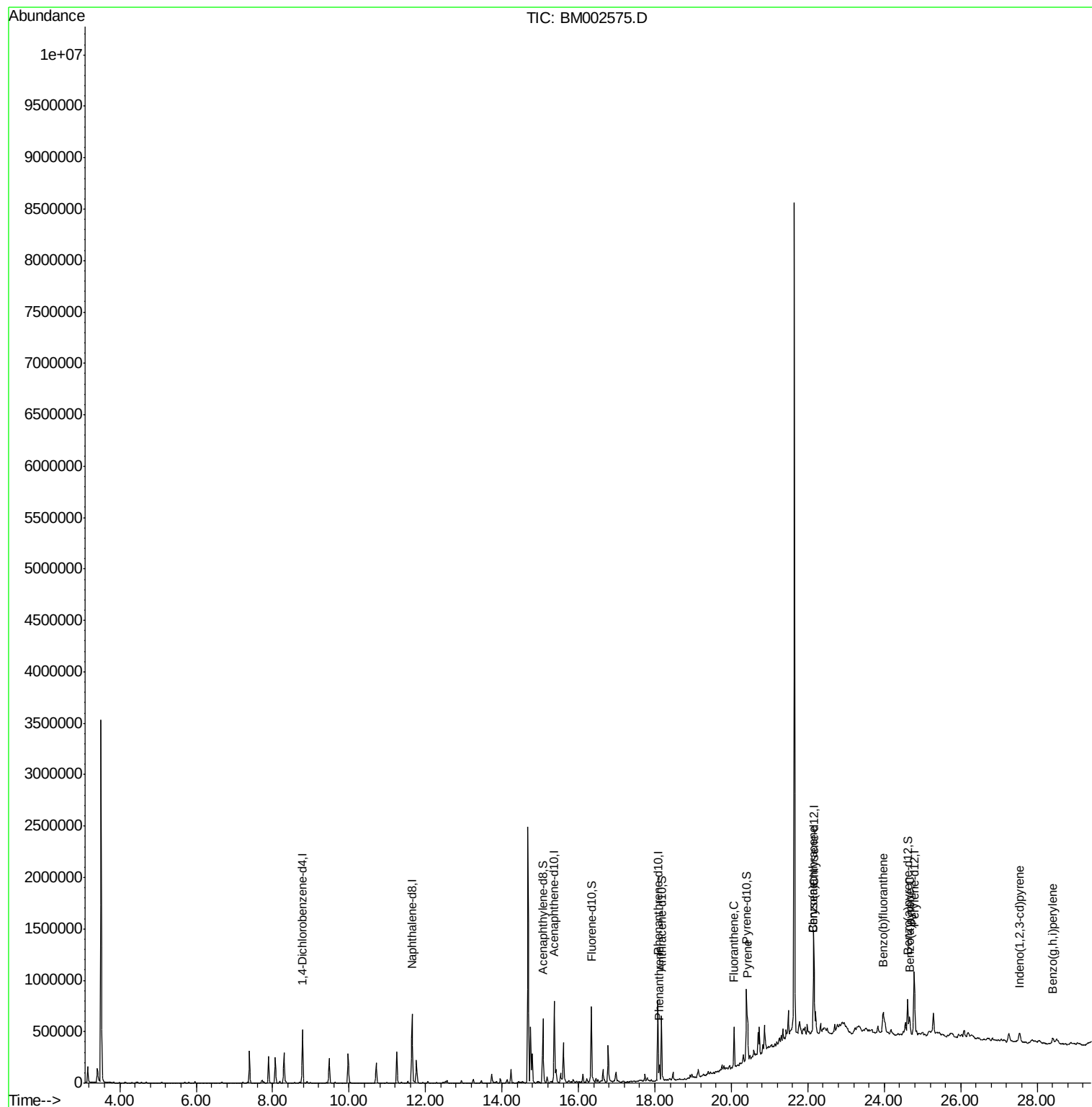
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	97697	3.50	ng/ul	99
16) Fluoranthene	20.07	202	234737	7.43	ng/ul	97
19) Pyrene	20.43	202	202559	7.08	ng/ul	99
20) Benzo(a)anthracene	22.14	228	133879	4.59	ng/ul	98
21) Chrysene	22.14	228	133556	4.89	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	188126	6.05	ng/ul#	94
26) Benzo(a)pyrene	24.67	252	123124	4.14	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.54	276	92747	2.71	ng/ul	95
29) Benzo(g,h,i)perylene	28.40	276	83282	2.93	ng/ul	93

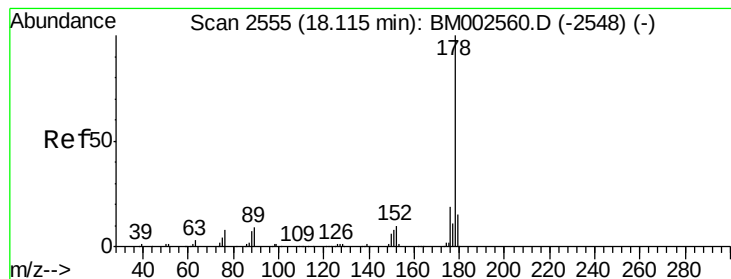
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.50 ng/ul

RT: 18.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BM002575.D

Acq: 29 Aug 2015 21:32

Instrument :

BNA_M

ClientSampleId :

D9E79

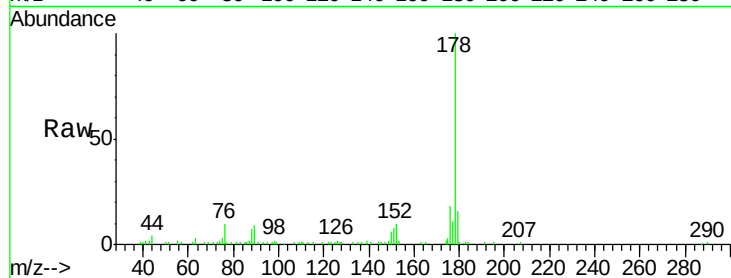
Tgt Ion:178 Resp: 97697

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

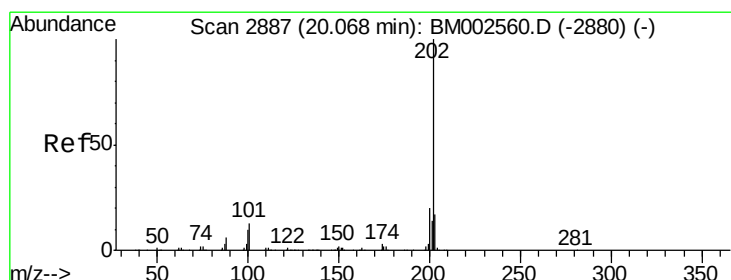
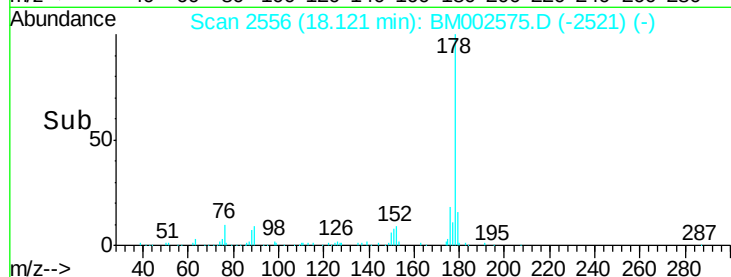
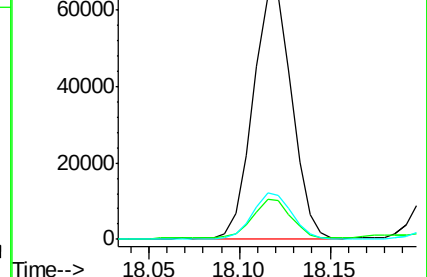
176 18.0 15.1 22.7



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: 7.43 ng/ul

RT: 20.07 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BM002575.D

Acq: 29 Aug 2015 21:32

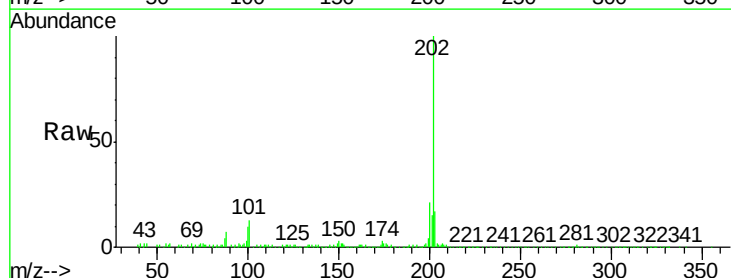
Tgt Ion:202 Resp: 234737

Ion Ratio Lower Upper

202 100

101 13.3 9.7 14.5

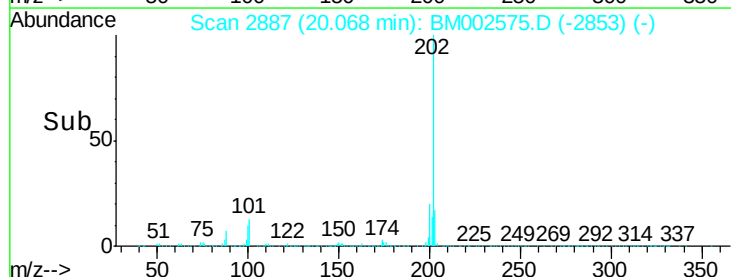
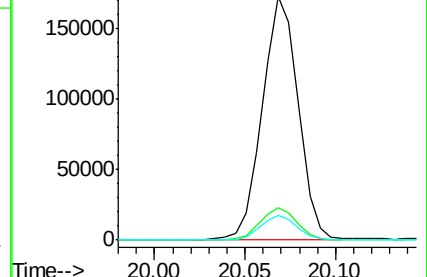
100 10.4 7.4 11.2

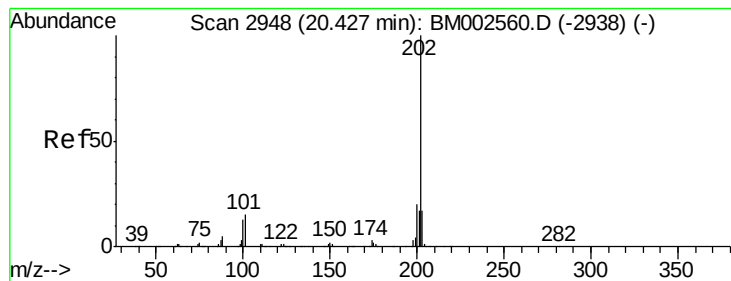


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 7.08 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BM002575.D

Acq: 29 Aug 2015 21:32

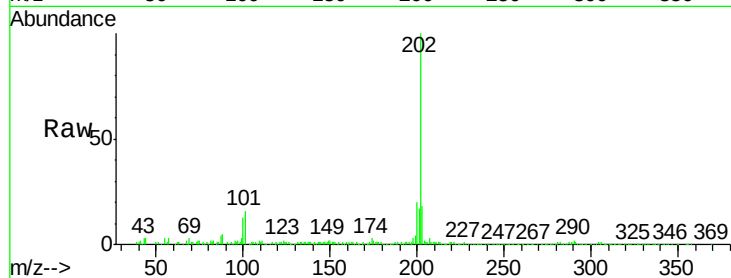
Instrument :

BNA_M

ClientSampleId :

D9E79

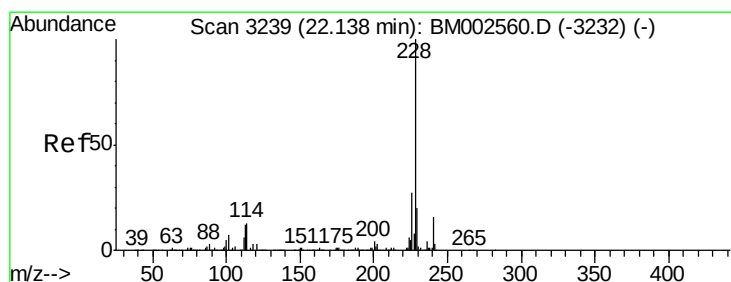
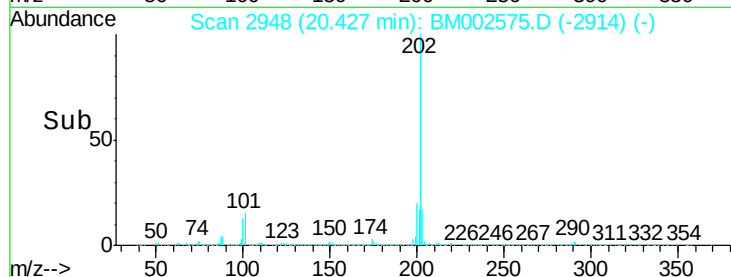
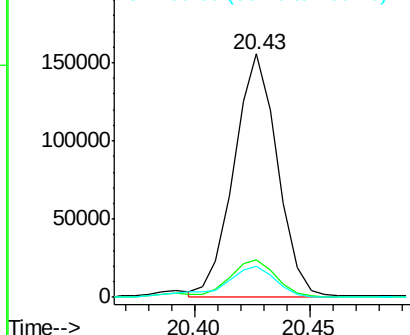
Tgt Ion:	202	Resp:	202559
Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	12.7	9.7	14.5



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: 4.59 ng/ul

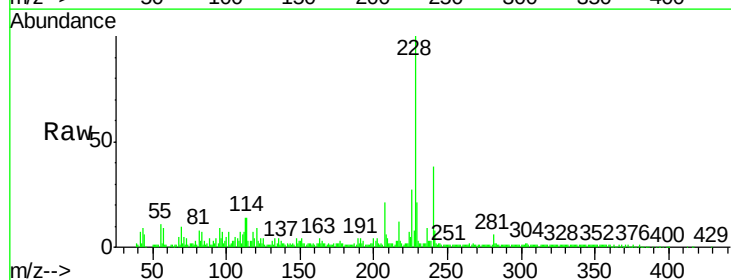
RT: 22.14 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BM002575.D

Acq: 29 Aug 2015 21:32

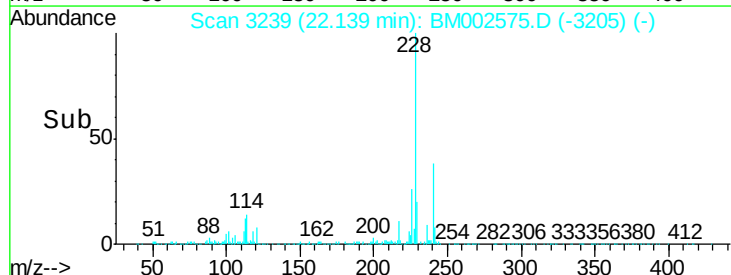
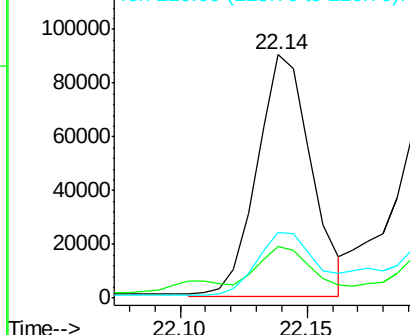
Tgt Ion:	228	Resp:	133879
Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	26.9	21.1	31.7

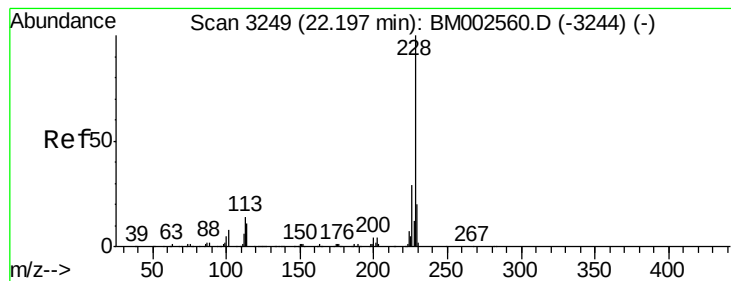


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.89 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.06 min

Lab File: BM002575.D

Acq: 29 Aug 2015 21:32

Instrument :

BNA_M

ClientSampleId :

D9E79

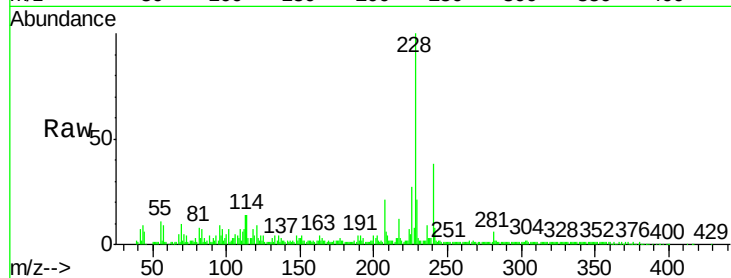
Tgt Ion:228 Resp: 133556

Ion Ratio Lower Upper

228 100

226 26.9 23.4 35.2

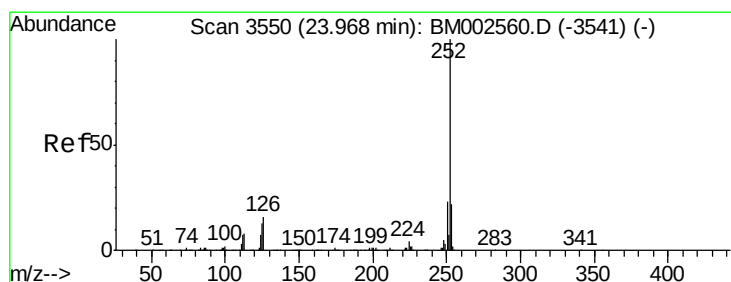
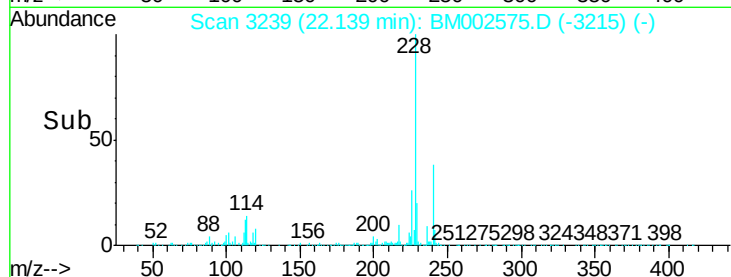
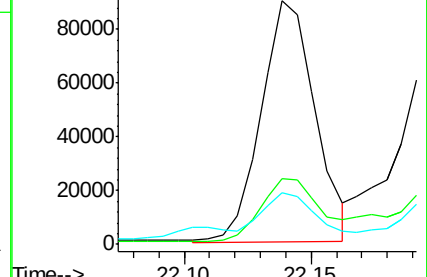
229 21.3 15.7 23.5



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: 6.05 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. 0.01 min

Lab File: BM002575.D

Acq: 29 Aug 2015 21:32

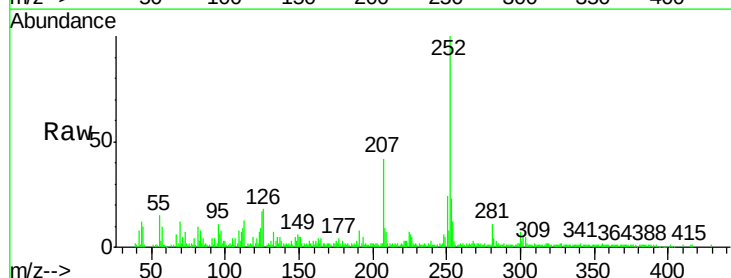
Tgt Ion:252 Resp: 188126

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

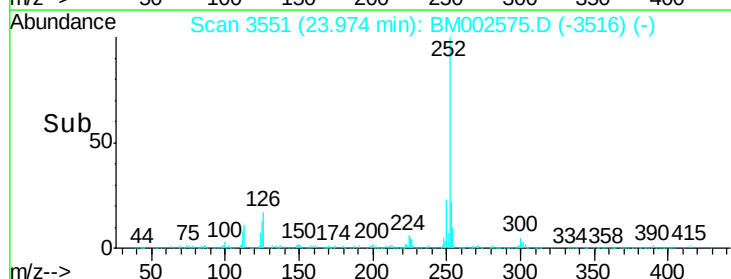
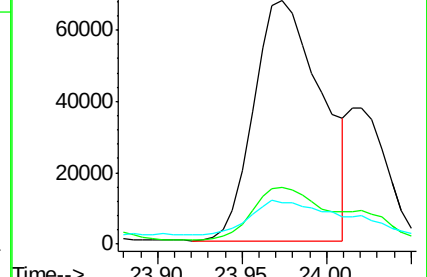
125 16.9 10.0 15.0#

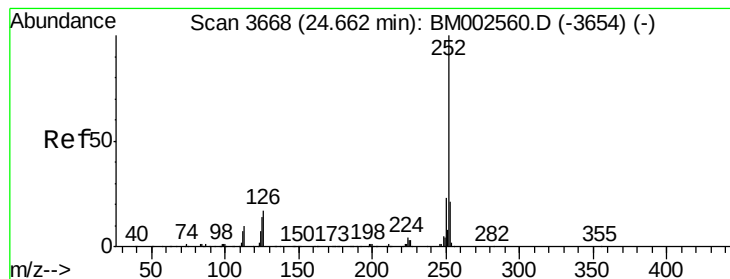


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.14 ng/ul

RT: 24.67 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BM002575.D

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Instrument :

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D9E79

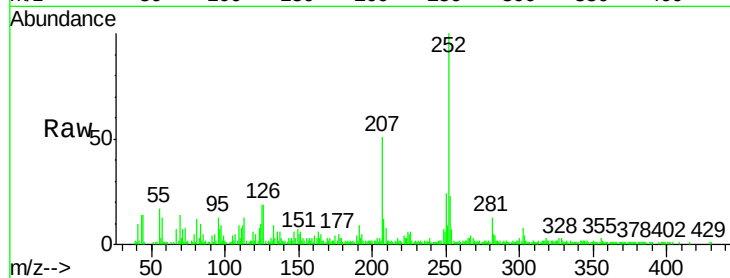
Tgt Ion:252 Resp: 123124

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

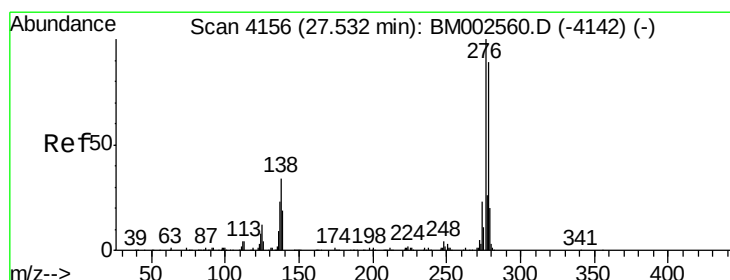
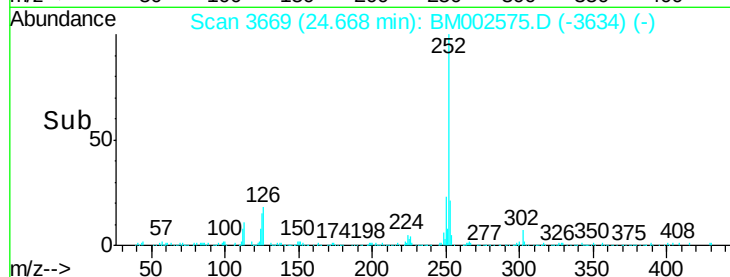
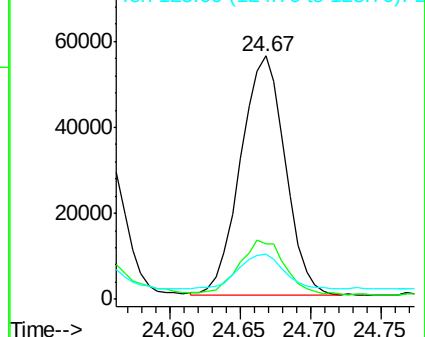
125 18.8 10.7 16.1#



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: 2.71 ng/ul

RT: 27.54 min Scan# 4158

Delta R.T. 0.01 min

Lab File: BM002575.D

Acq: 29 Aug 2015 21:32

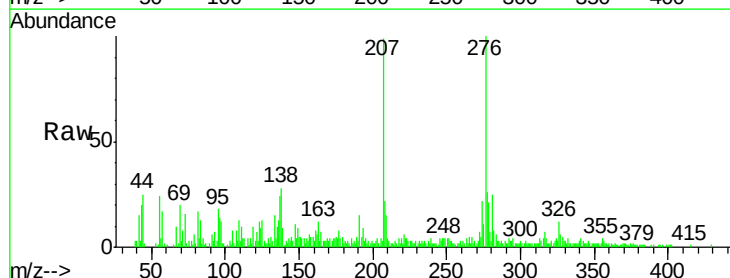
Tgt Ion:276 Resp: 92747

Ion Ratio Lower Upper

276 100

138 27.5 25.3 37.9

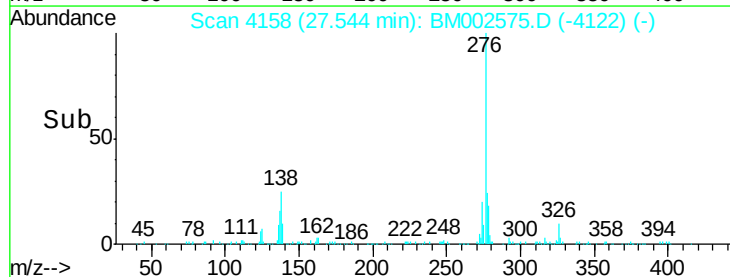
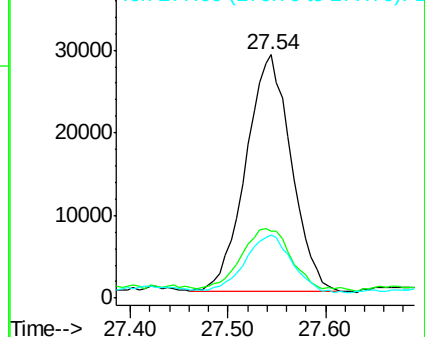
277 25.9 20.2 30.2

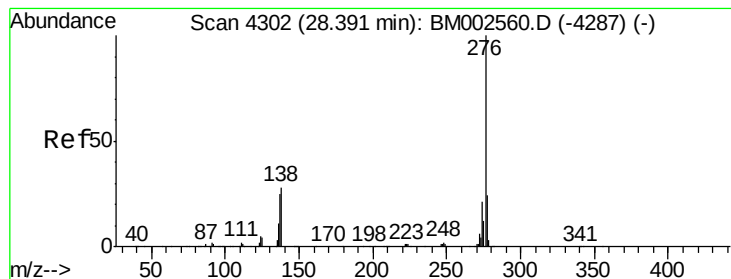


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.93 ng/ul

RT: 28.40 min Scan# 4304

Delta R.T. 0.01 min

Lab File: BM002575.D

Acq: 29 Aug 2015 21:32

Instrument :

BNA_M

ClientSampleId :

D9E79

Tgt Ion: 276 Resp: 83282

Ion Ratio Lower Upper

276 100

138 31.2 21.0 31.6

277 26.4 19.2 28.8

