

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002338.D
 Acq On : 12 Aug 2015 00:43
 Operator : UM/IZ
 Sample : G3162-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C79

Quant Time: Aug 12 04:51:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 04:50:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	204817	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	964902	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	517502	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1062634	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	904092	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	683257	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	815192	15.21	ng/ul	0.00
10) Fluorene-d10	16.45	176	538821	14.45	ng/ul	0.00
14) Anthracene-d10	18.29	188	750431	14.55	ng/ul	0.00
18) Pyrene-d10	20.50	212	725659	16.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	474307	13.07	ng/ul	0.00

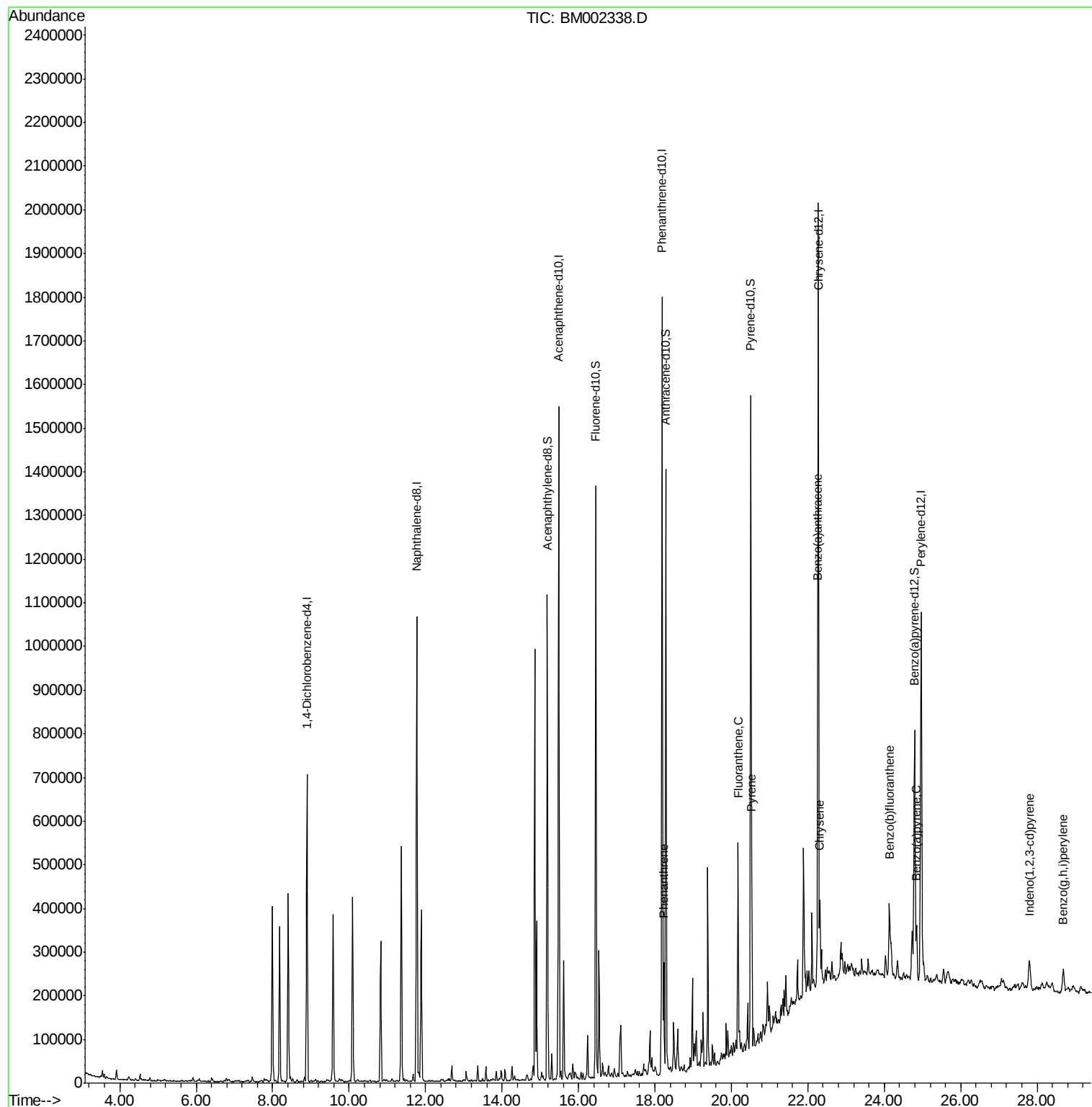
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.23	178	151948	2.48	ng/ul	100
16) Fluoranthene	20.17	202	283654	4.19	ng/ul	100
19) Pyrene	20.53	202	236896	4.05	ng/ul	98
20) Benzo(a)anthracene	22.26	228	120653	2.19	ng/ul	97
21) Chrysene	22.31	228	130488	2.49	ng/ul	96
23) Benzo(b)fluoranthene	24.13	252	157670	3.71	ng/ul	98
26) Benzo(a)pyrene	24.84	252	95967	2.36	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.79	276	69671	1.50	ng/ul	93
29) Benzo(g,h,i)perylene	28.69	276	65314	1.66	ng/ul#	93

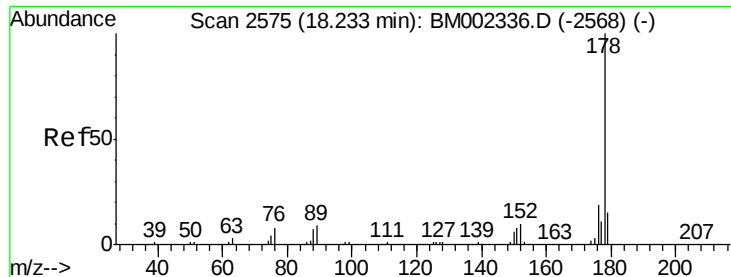
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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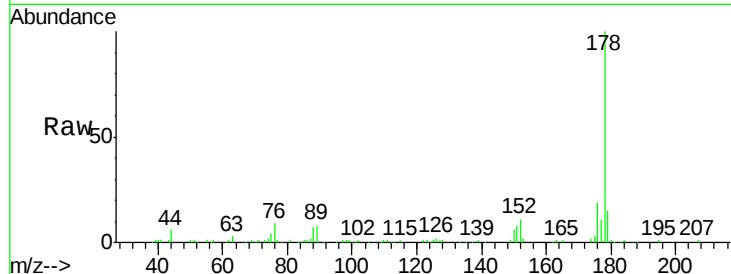




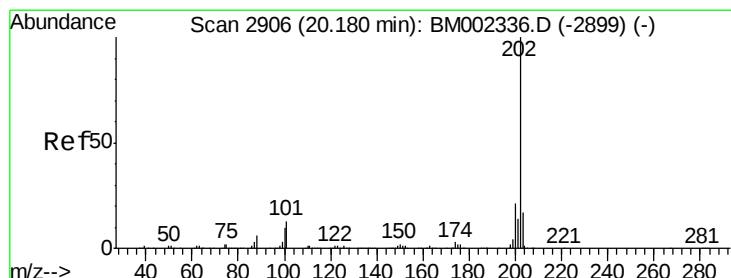
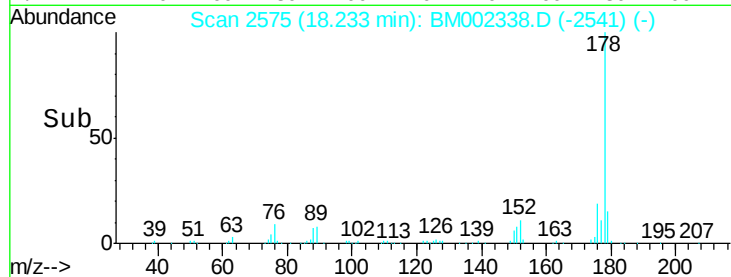
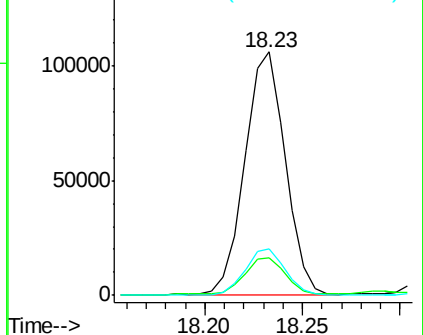
#13
Phenanthrene
Concen: 2.48 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Instrument :
BNA_M
ClientSampled :
D9C79

Tgt Ion:178 Resp: 151948
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.1 15.3 22.9

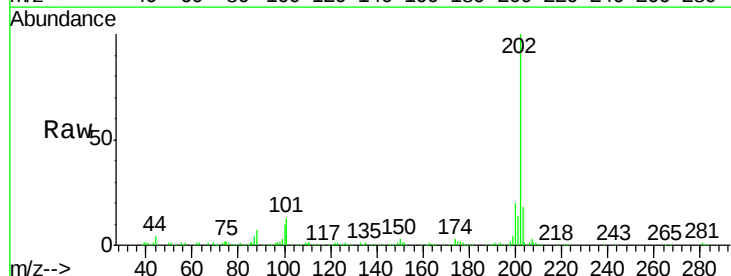


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

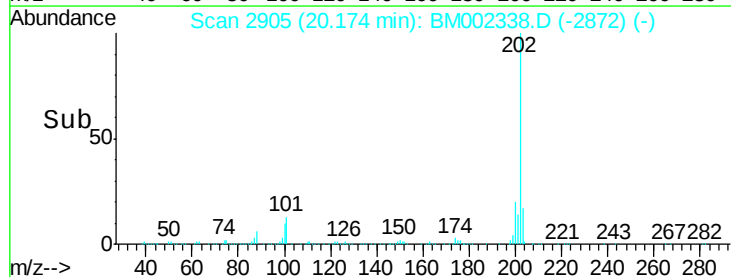
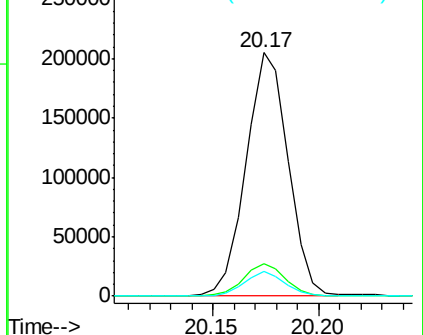


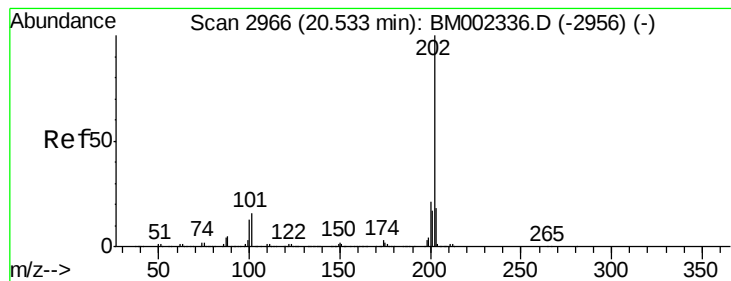
#16
Fluoranthene
Concen: 4.19 ng/ul
RT: 20.17 min Scan# 2905
Delta R.T. -0.01 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:202 Resp: 283654
Ion Ratio Lower Upper
202 100
101 13.1 10.6 15.8
100 10.2 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: 4.05 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BM002338.D

Acq: 12 Aug 2015 00:43

Instrument :

BNA_M

ClientSampleId :

D9C79

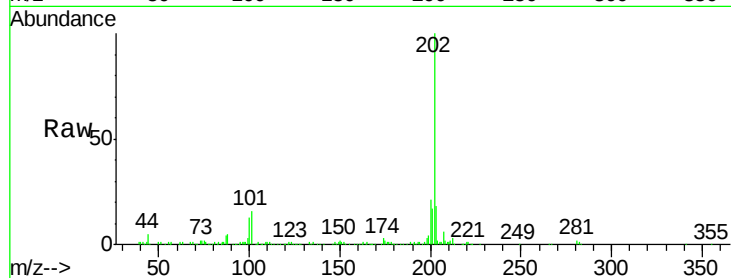
Tgt Ion:202 Resp: 236896

Ion Ratio Lower Upper

202 100

101 15.7 13.0 19.6

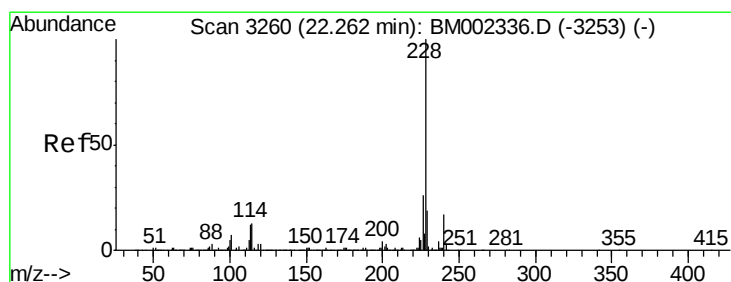
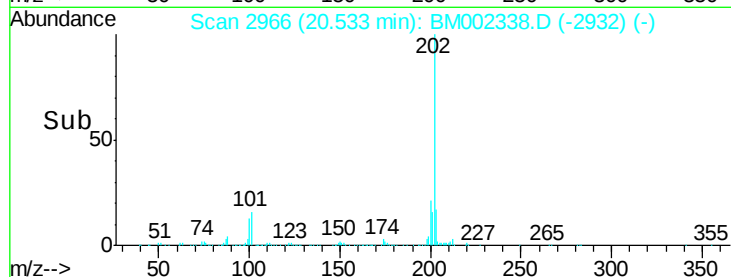
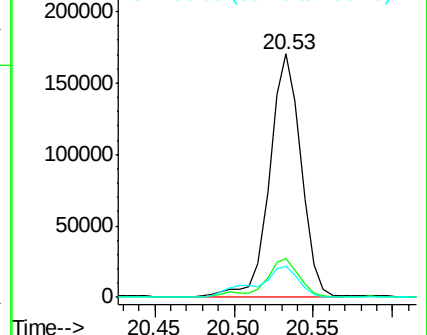
100 12.6 11.0 16.4



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: 2.19 ng/ul

RT: 22.26 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BM002338.D

Acq: 12 Aug 2015 00:43

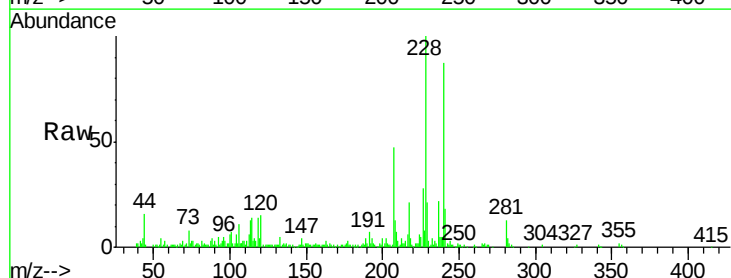
Tgt Ion:228 Resp: 120653

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

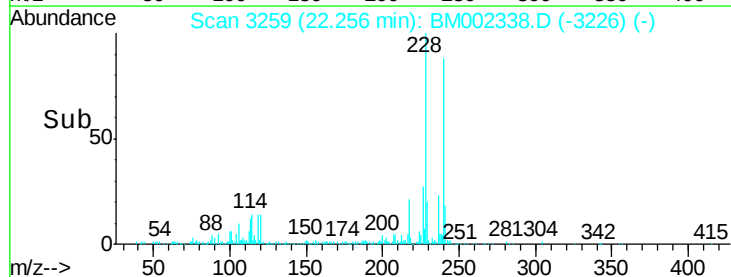
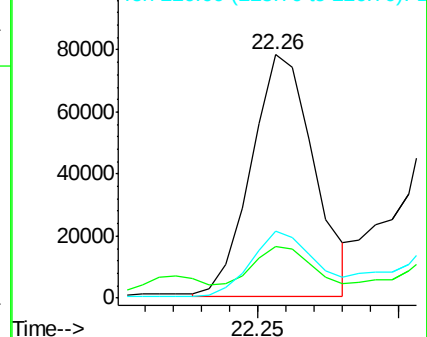
226 27.6 21.4 32.0

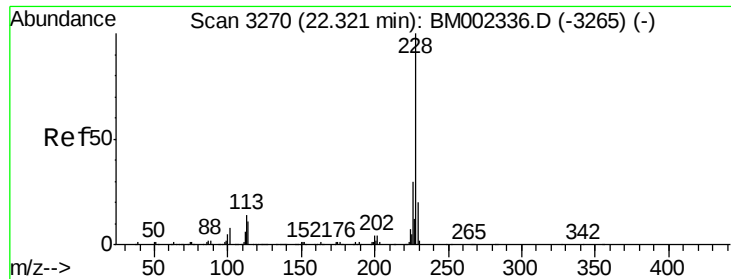


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.49 ng/ul

RT: 22.31 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BM002338.D

Acq: 12 Aug 2015 00:43

Instrument :

BNA_M

ClientSampleId :

D9C79

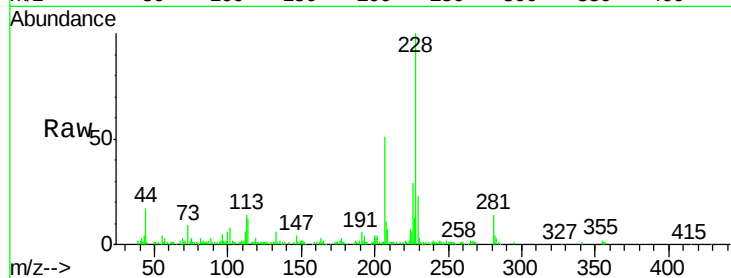
Tgt Ion:228 Resp: 130488

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.0

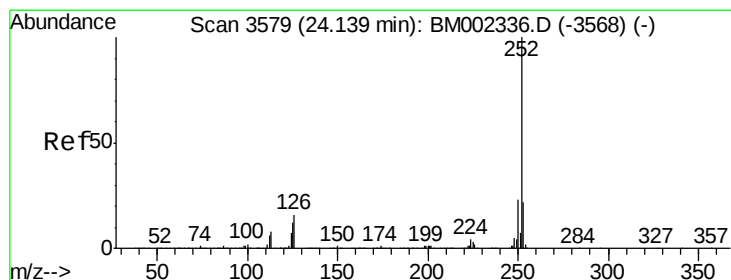
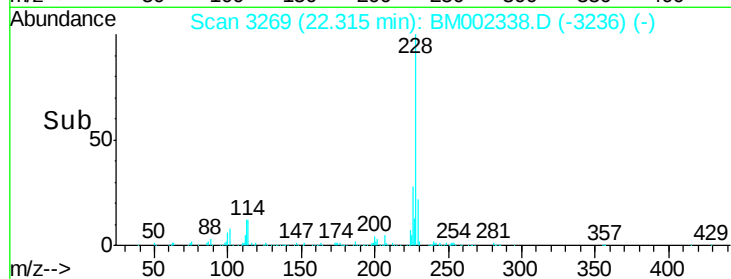
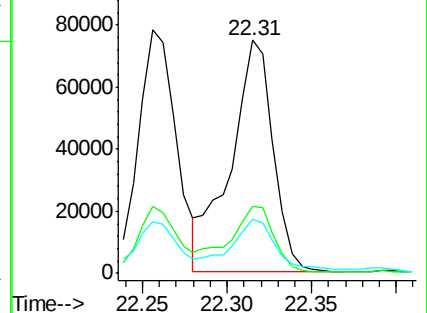
229 23.1 15.5 23.3



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: 3.71 ng/ul

RT: 24.13 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BM002338.D

Acq: 12 Aug 2015 00:43

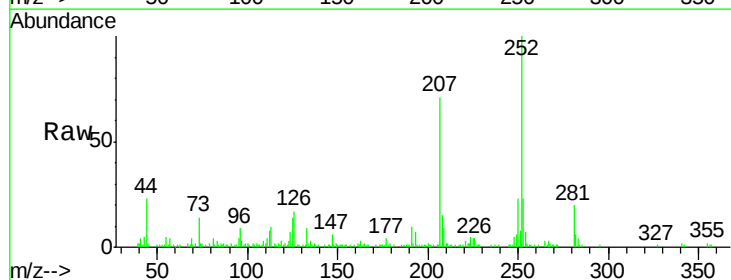
Tgt Ion:252 Resp: 157670

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

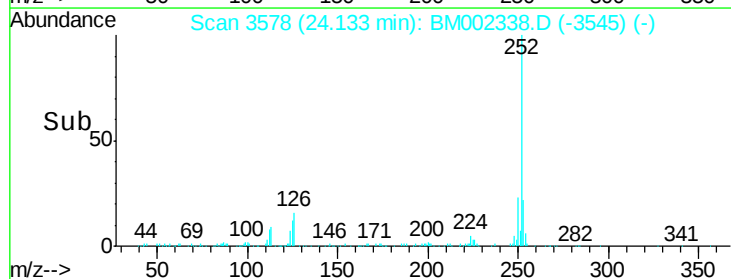
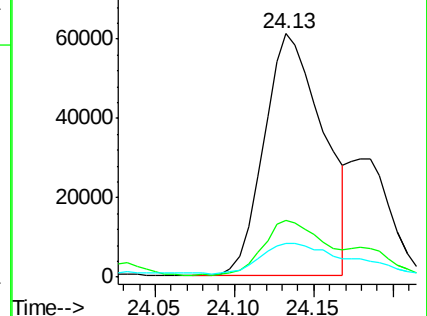
125 13.7 10.3 15.5

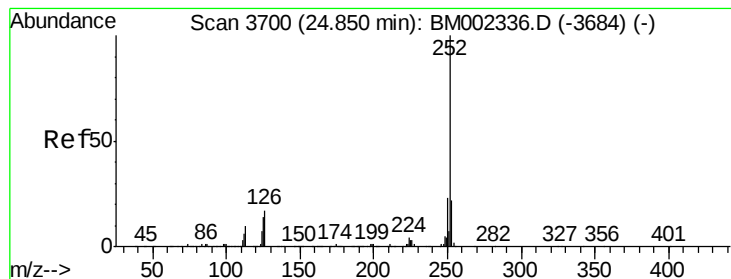


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 2.36 ng/ul

RT: 24.84 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BM002338.D

Acq: 12 Aug 2015 00:43

Instrument :

BNA_M

ClientSampleId :

D9C79

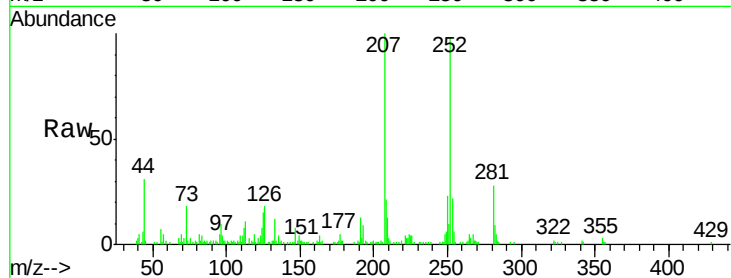
Tgt Ion: 252 Resp: 95967

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

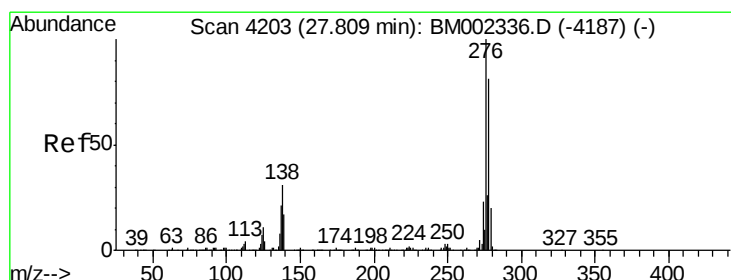
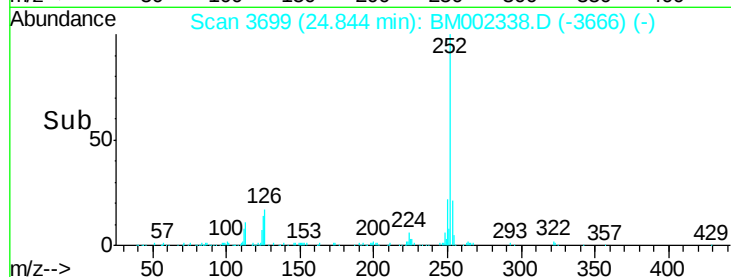
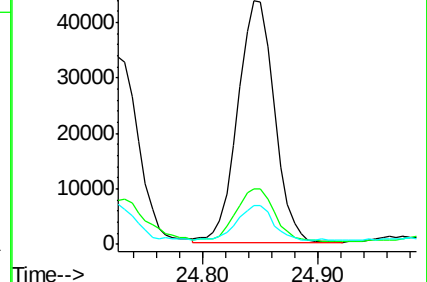
125 15.7 11.0 16.6



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: 1.50 ng/ul

RT: 27.79 min Scan# 4200

Delta R.T. -0.02 min

Lab File: BM002338.D

Acq: 12 Aug 2015 00:43

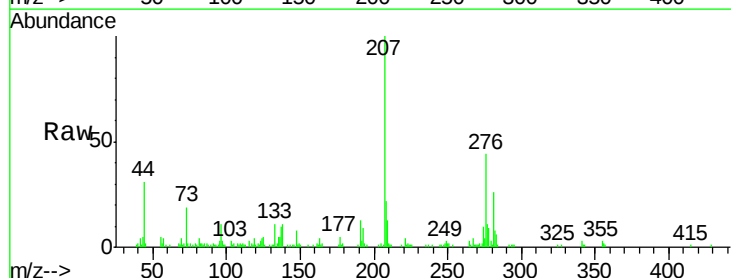
Tgt Ion: 276 Resp: 69671

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

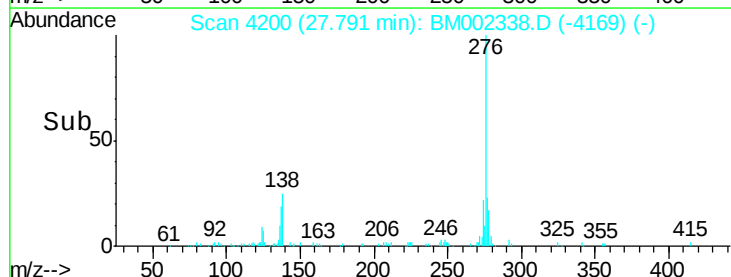
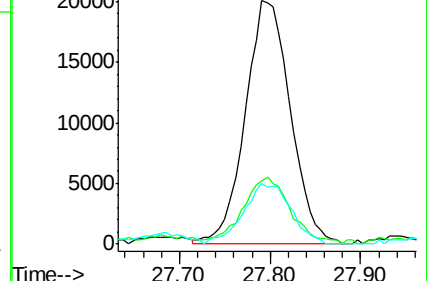
277 25.0 21.0 31.4

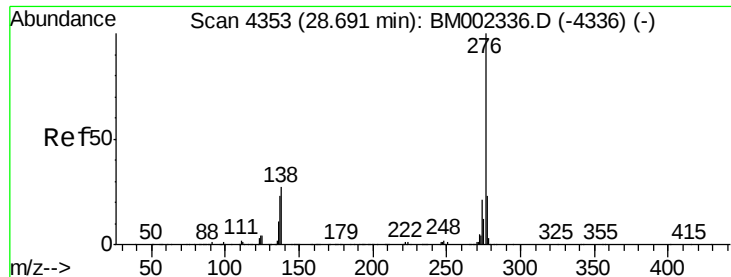


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.66 ng/ul

RT: 28.69 min Scan# 4352

Delta R.T. -0.01 min

Lab File: BM002338.D

Acq: 12 Aug 2015 00:43

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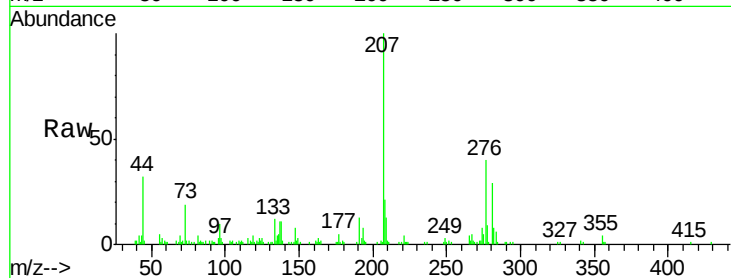
Tgt Ion: 276 Resp: 65314

Ion Ratio Lower Upper

276 100

138 32.3 20.5 30.7#

277 24.0 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

