

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002356.D
 Acq On : 12 Aug 2015 12:09
 Operator : UM/IZ
 Sample : G3163-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C89

Quant Time: Aug 12 16:13:00 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

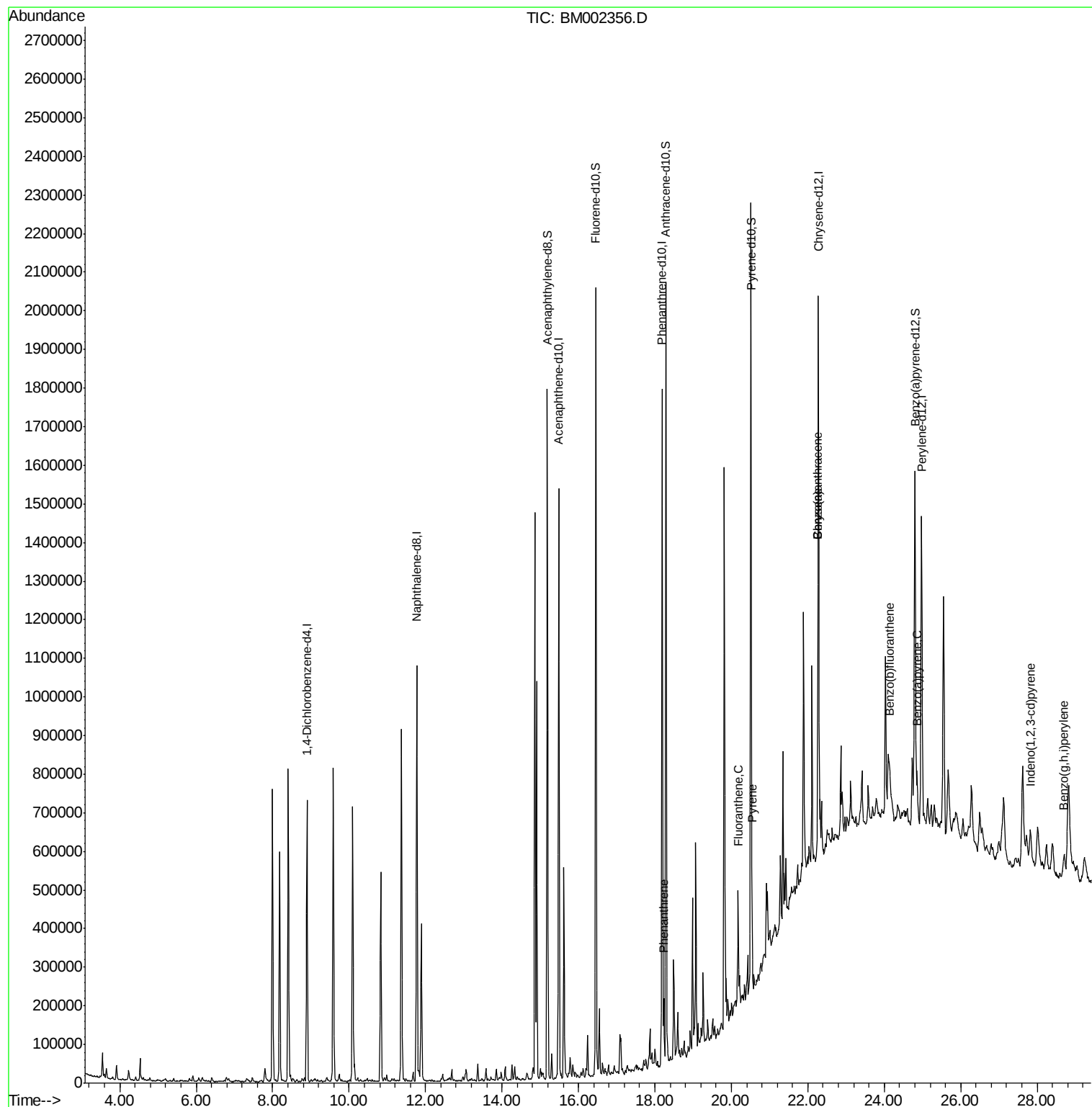
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	211930	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	978911	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	523469	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1018741	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	723800	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	654103	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1297387	23.92	ng/ul	0.00
10) Fluorene-d10	16.45	176	853854	22.64	ng/ul	0.00
14) Anthracene-d10	18.29	188	1169745	23.66	ng/ul	0.00
18) Pyrene-d10	20.51	212	1004259	28.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	779948	22.46	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	18.23	178	97726	1.67	ng/ul	99
16) Fluoranthene	20.18	202	180414	2.78	ng/ul	98
19) Pyrene	20.54	202	157777	3.37	ng/ul	96
20) Benzo(a)anthracene	22.26	228	80786	1.83	ng/ul	95
21) Chrysene	22.26	228	80573	1.92	ng/ul	96
23) Benzo(b)fluoranthene	24.14	252	119942	2.95	ng/ul#	90
26) Benzo(a)pyrene	24.86	252	72830	1.87	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	27.81	276	58390	1.31	ng/ul	94
29) Benzo(g,h,i)perylene	28.70	276	72131	1.92	ng/ul#	93

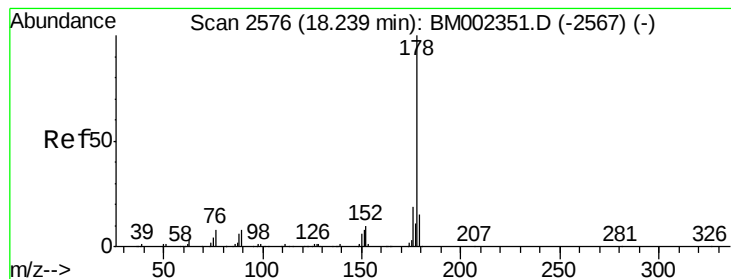
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.67 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

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ClientSampleId :

D9C89

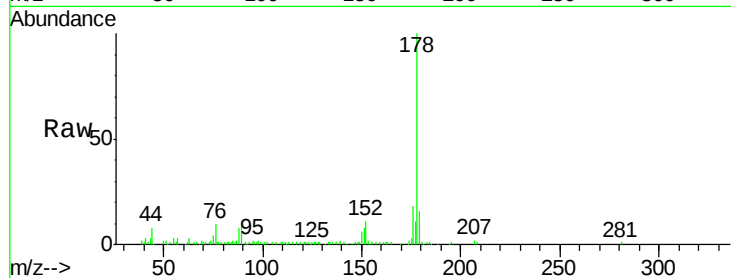
Tot Ion:178 Resp: 97726

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

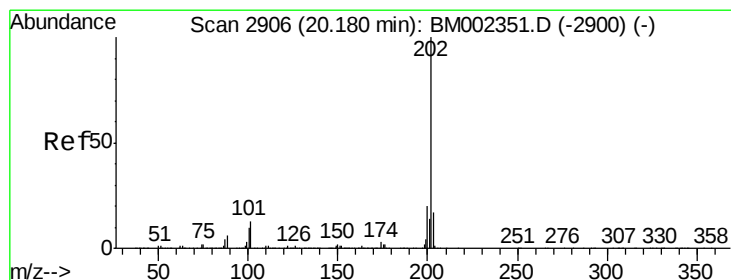
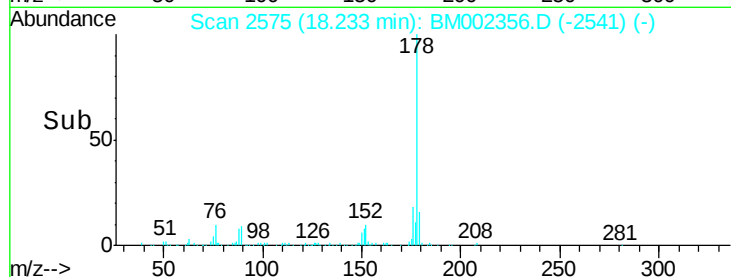
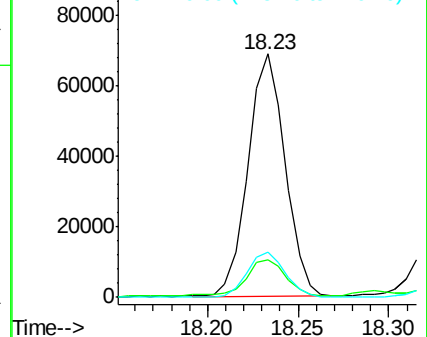
176 18.4 15.3 22.9



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: 2.78 ng/ul

RT: 20.18 min Scan# 2906

Delta R.T. -0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

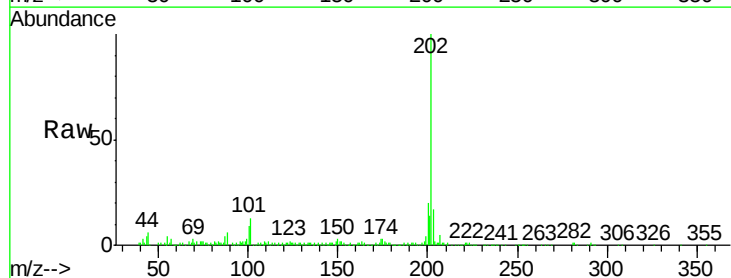
Tgt Ion:202 Resp: 180414

Ion Ratio Lower Upper

202 100

101 12.6 10.6 15.8

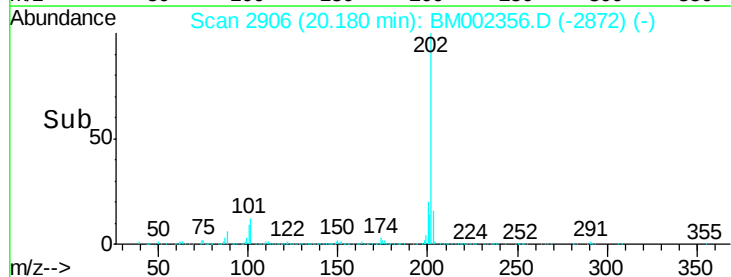
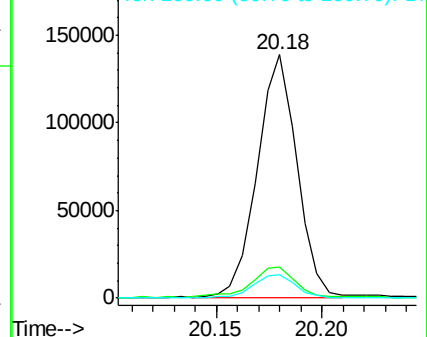
100 9.4 8.2 12.4

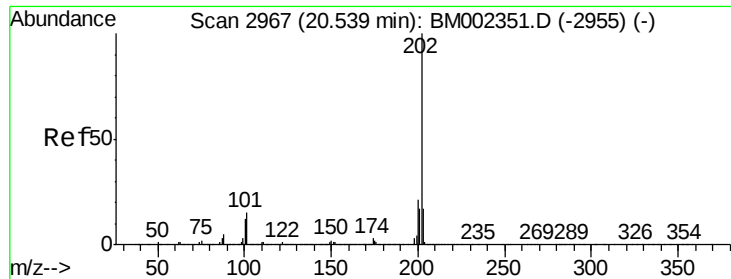


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.37 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. 0.01 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

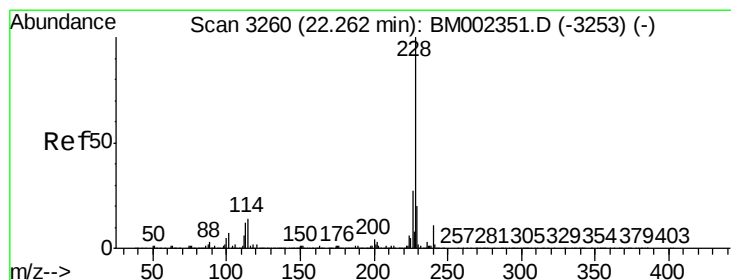
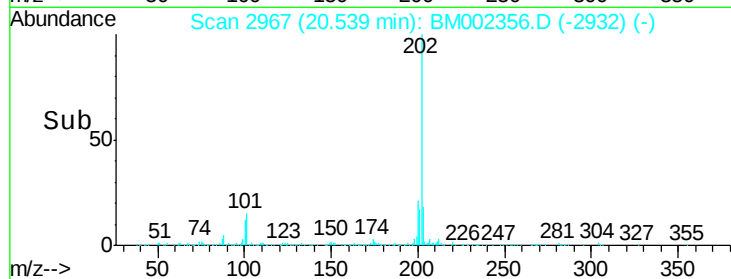
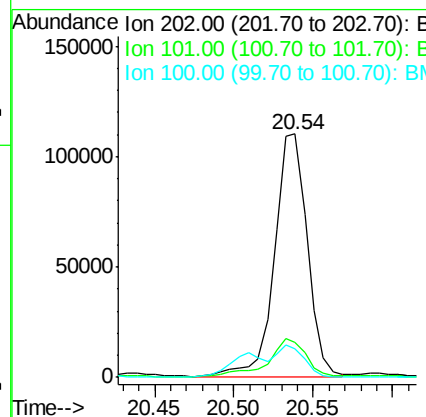
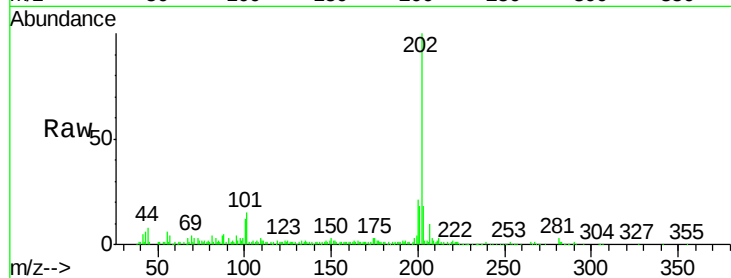
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D9C89

Tot Ion:	202	Resp:	157777
Ion	Ratio	Lower	Upper
202	100		
101	14.6	13.0	19.6
100	11.8	11.0	16.4



#20

Benzo(a)anthracene

Concen: 1.83 ng/ul

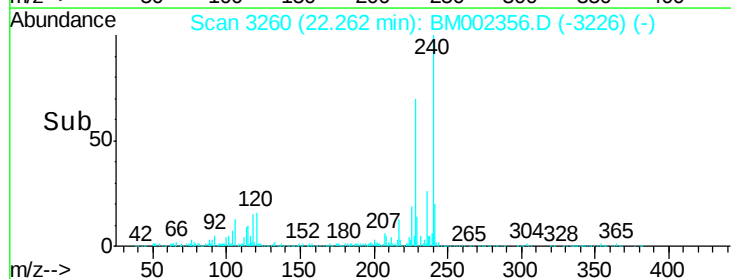
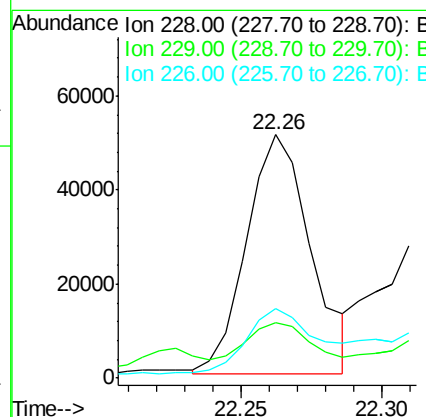
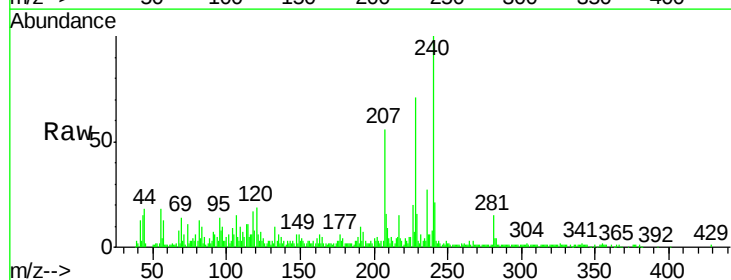
RT: 22.26 min Scan# 3260

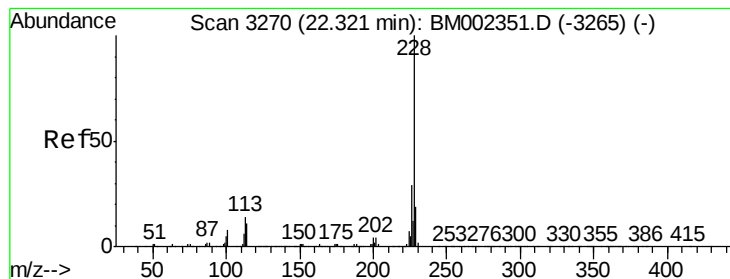
Delta R.T. -0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Tgt Ion:	228	Resp:	80786
Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.7	23.5
226	28.7	21.4	32.0





#21

Chrysene

Concen: 1.92 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. -0.06 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Instrument :

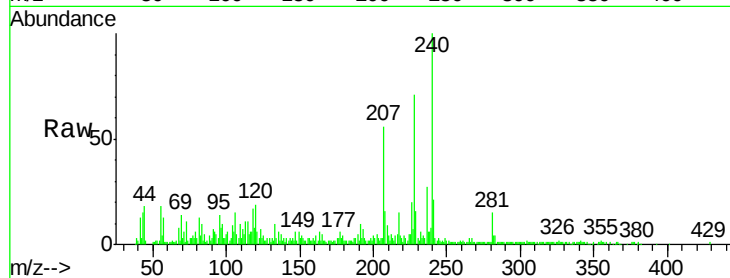
BNA_M

ClientSampleId :

D9C89

Tot Ion:228 Resp: 80573

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.0
229	22.9	15.5	23.3

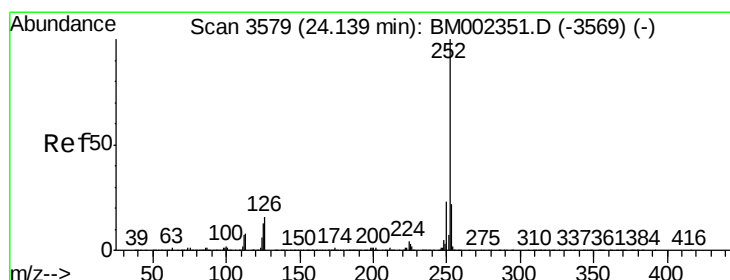
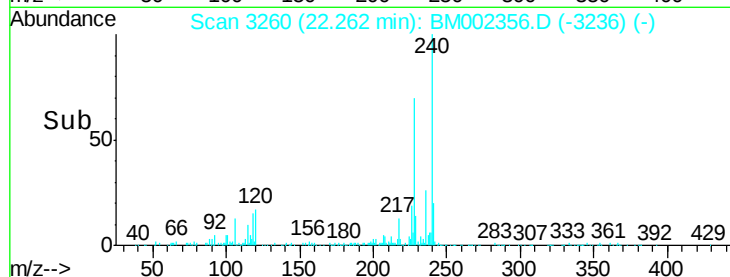
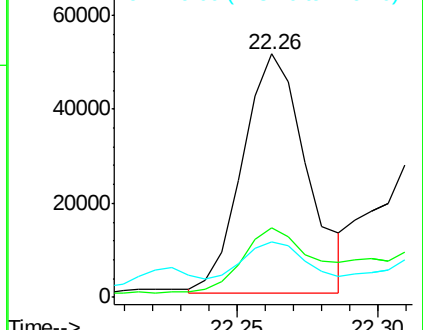


Abundance

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: 2.95 ng/ul

RT: 24.14 min Scan# 3579

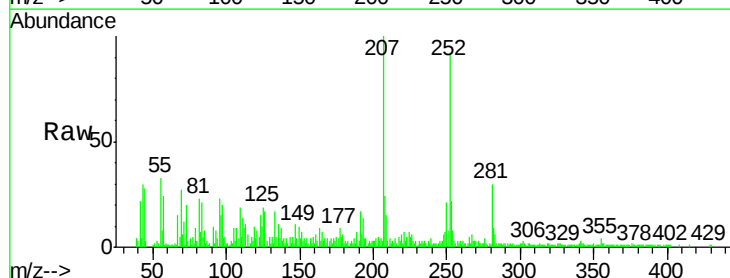
Delta R.T. -0.00 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Tgt Ion:252 Resp: 119942

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	20.6	10.3	15.5#

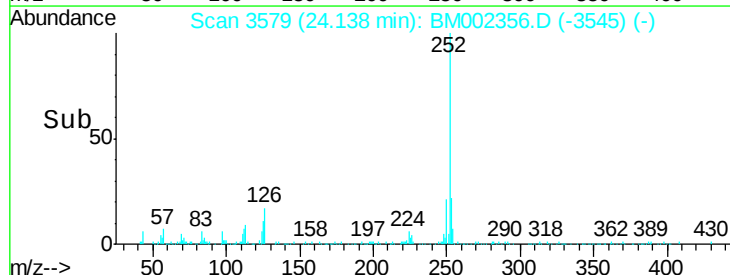
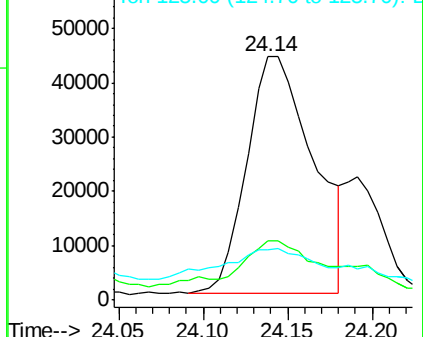


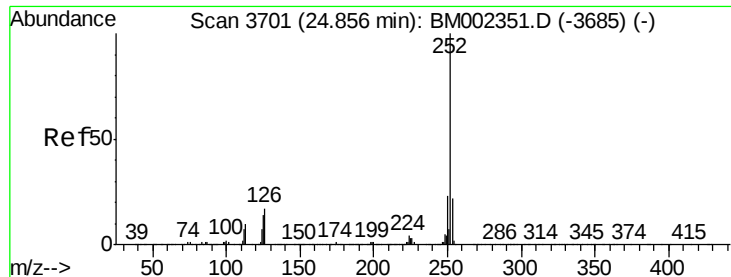
Abundance

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

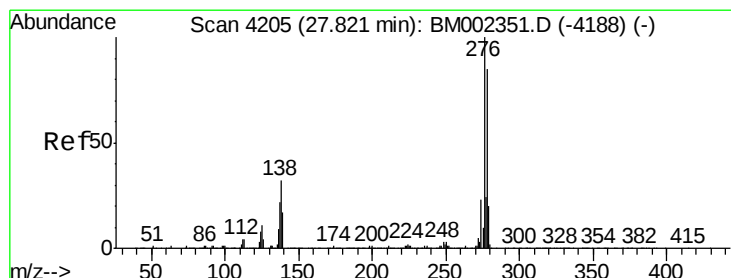
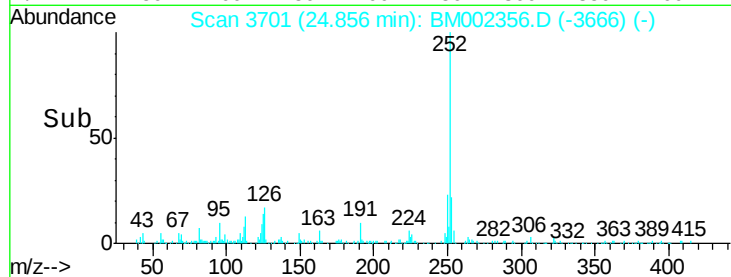
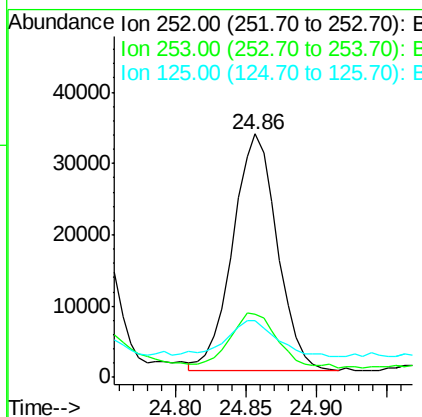
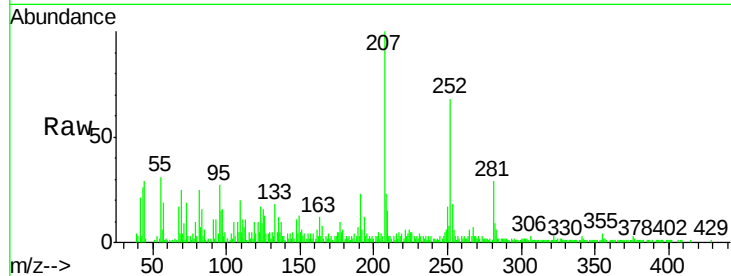




#26
Benzo(a)pyrene
Concen: 1.87 ng/ul
RT: 24.86 min Scan# 3701
Delta R.T. 0.01 min
Lab File: BM002356.D
Acq: 12 Aug 2015 12:09

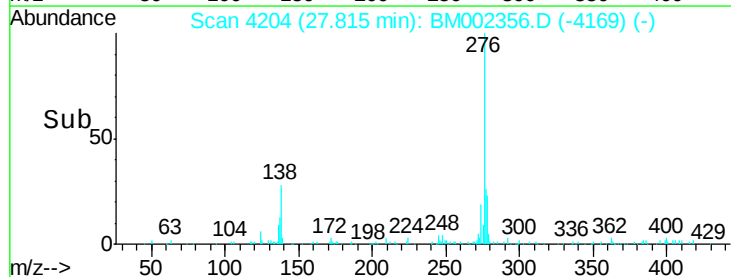
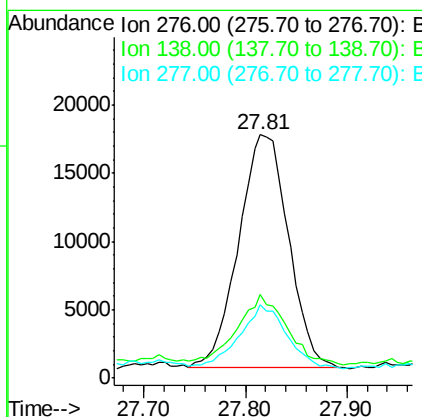
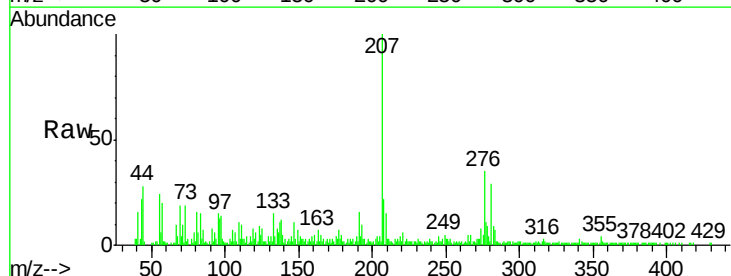
Instrument :
BNA_M
ClientSampleId :
D9C89

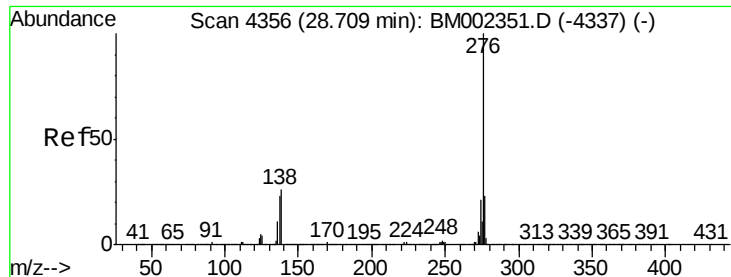
Tot Ion:252 Resp: 72830
Ion Ratio Lower Upper
252 100
253 26.1 17.3 25.9#
125 23.1 11.0 16.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.31 ng/ul
RT: 27.81 min Scan# 4204
Delta R.T. 0.01 min
Lab File: BM002356.D
Acq: 12 Aug 2015 12:09

Tgt Ion:276 Resp: 58390
Ion Ratio Lower Upper
276 100
138 34.2 25.6 38.4
277 30.0 21.0 31.4





#29

Benzo(a,h,i)perylene

Concen: 1.92 ng/ul

RT: 28.70 min Scan# 4355

Delta R.T. 0.01 min

Lab File: BM002356.D

Acq: 12 Aug 2015 12:09

Instrument :

BNA_M

ClientSampleId :

D9C89

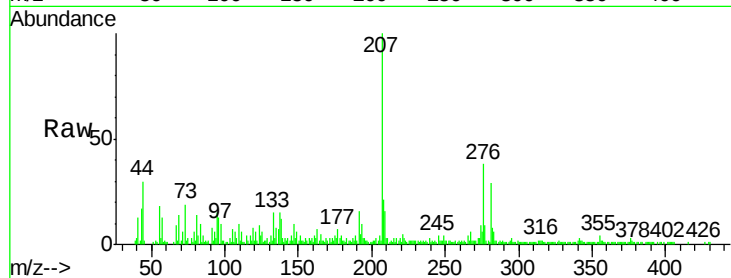
Tot Ion: 276 Resp: 72131

Ion Ratio Lower Upper

276 100

138 31.8 20.5 30.7#

277 23.2 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

