

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002386.D
 Acq On : 13 Aug 2015 06:27
 Operator : UM/IZ
 Sample : G3194-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D87

Quant Time: Aug 13 06:59:43 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 05:08:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	168627	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	739465	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	360045	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	652922	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	453913	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	436095	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	552494	14.81	ng/ul	0.00
10) Fluorene-d10	16.46	176	356751	13.75	ng/ul	0.00
14) Anthracene-d10	18.29	188	449062	14.17	ng/ul	0.00
18) Pyrene-d10	20.51	212	352898	16.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	254817	11.00	ng/ul	0.00

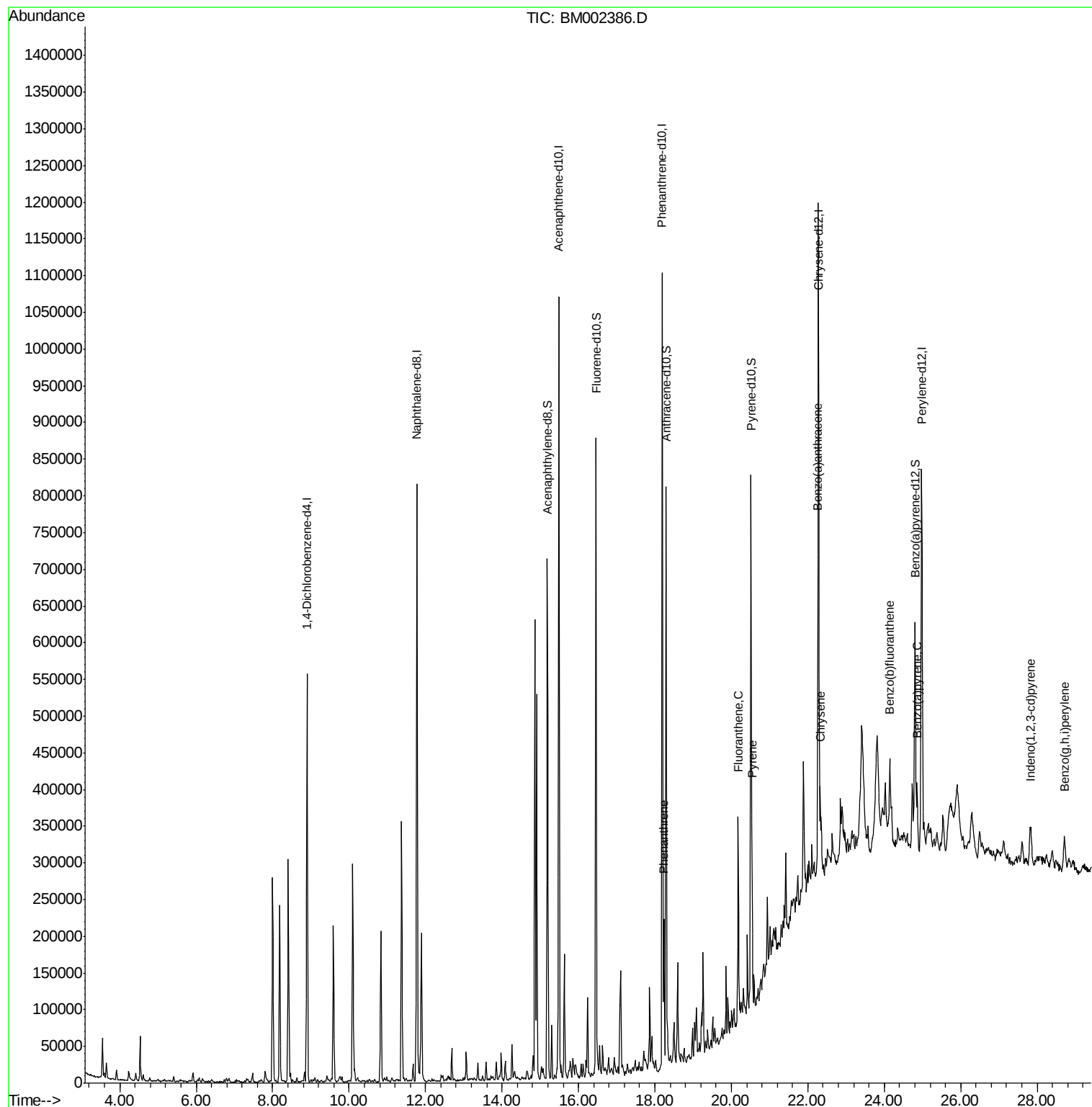
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.23	178	124673	3.32	ng/ul	99
16) Fluoranthene	20.18	202	167718	4.03	ng/ul	99
19) Pyrene	20.54	202	130855	4.46	ng/ul	95
20) Benzo(a)anthracene	22.26	228	74693	2.70	ng/ul	97
21) Chrysene	22.33	228	79304	3.02	ng/ul	97
23) Benzo(b)fluoranthene	24.14	252	106362	3.92	ng/ul	95
26) Benzo(a)pyrene	24.86	252	68632	2.65	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	27.83	276	57234	1.93	ng/ul	97
29) Benzo(g,h,i)perylene	28.71	276	60912	2.43	ng/ul	91

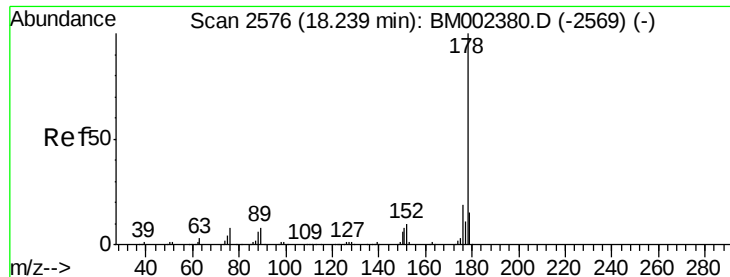
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 3.32 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

Instrument :

BNA_M

ClientSampleId :

D9D87

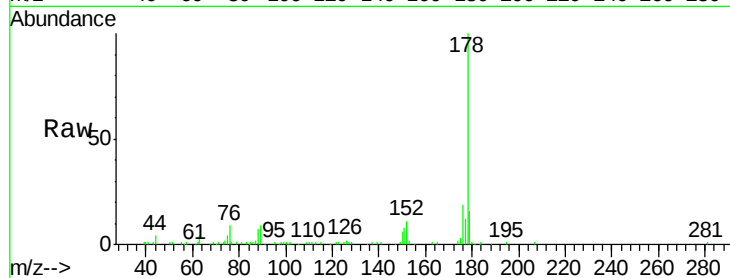
Tgt Ion:178 Resp: 124673

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

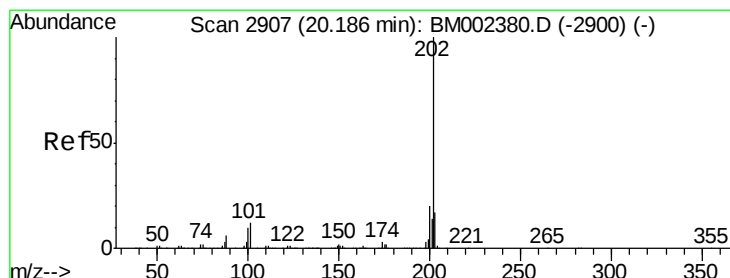
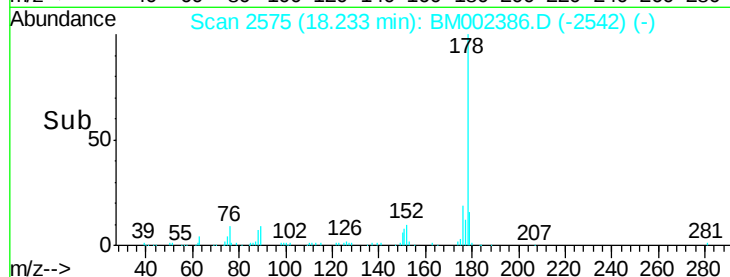
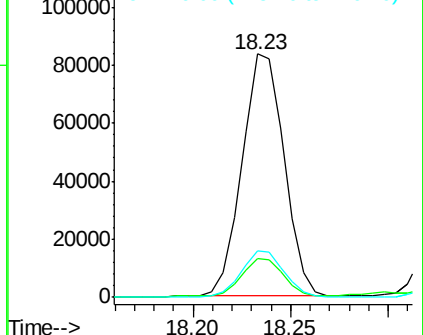
176 18.9 15.3 22.9



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: 4.03 ng/ul

RT: 20.18 min Scan# 2906

Delta R.T. -0.01 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

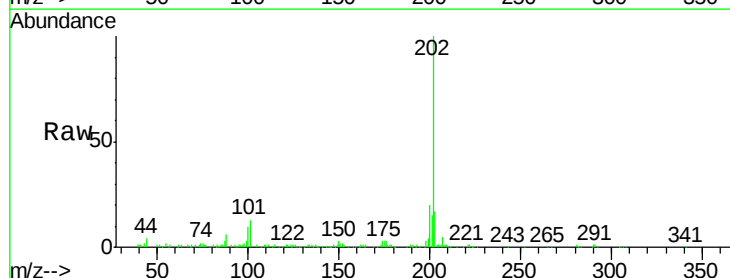
Tgt Ion:202 Resp: 167718

Ion Ratio Lower Upper

202 100

101 13.0 10.6 15.8

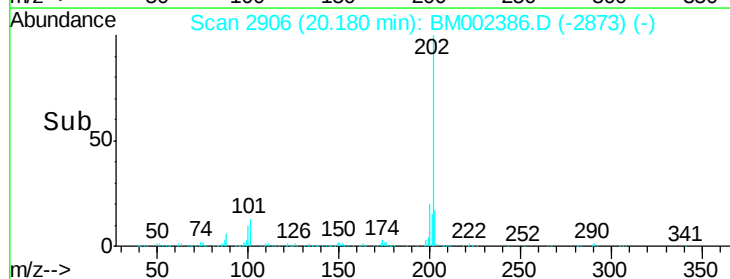
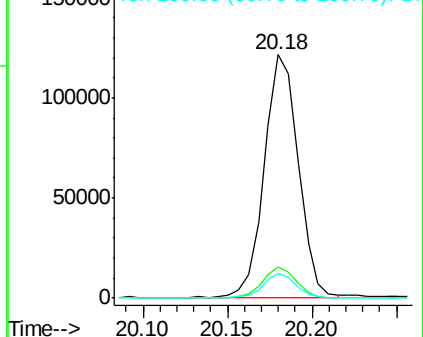
100 10.0 8.2 12.4

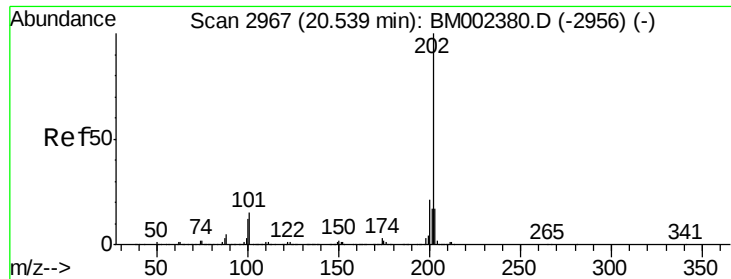


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 4.46 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

Instrument :

BNA_M

ClientSampleId :

D9D87

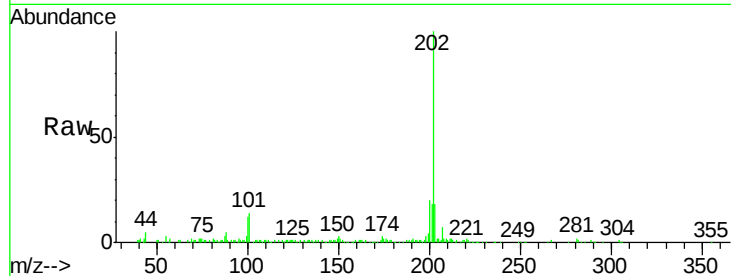
Tgt Ion:202 Resp: 130855

Ion Ratio Lower Upper

202 100

101 14.5 13.0 19.6

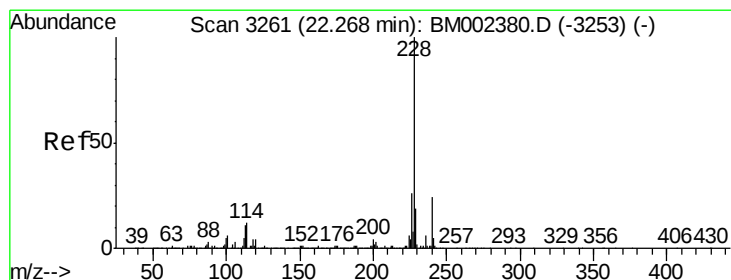
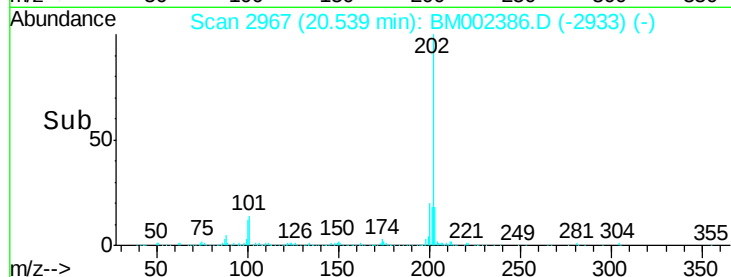
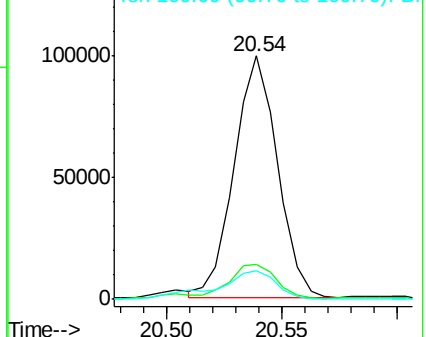
100 11.6 11.0 16.4



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: 2.70 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

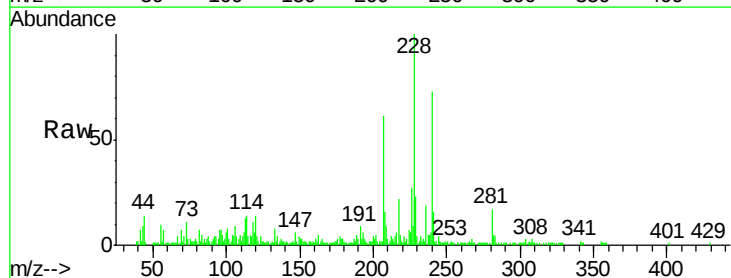
Tgt Ion:228 Resp: 74693

Ion Ratio Lower Upper

228 100

229 22.7 15.7 23.5

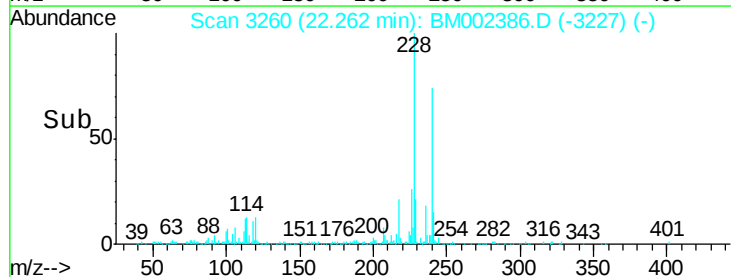
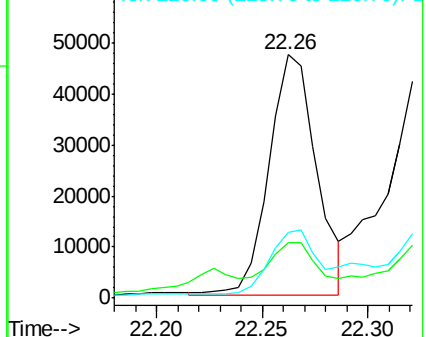
226 27.1 21.4 32.0

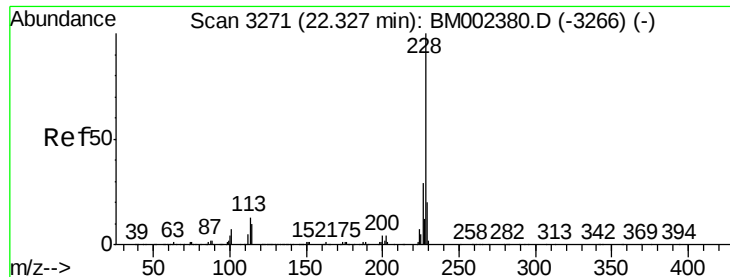


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.02 ng/ul

RT: 22.33 min Scan# 3271

Delta R.T. 0.00 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

Instrument :

BNA_M

ClientSampleId :

D9D87

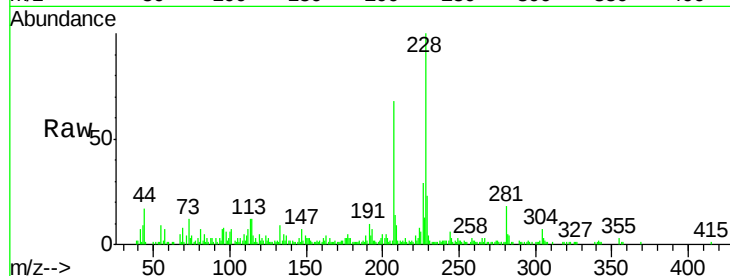
Tgt Ion: 228 Resp: 79304

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

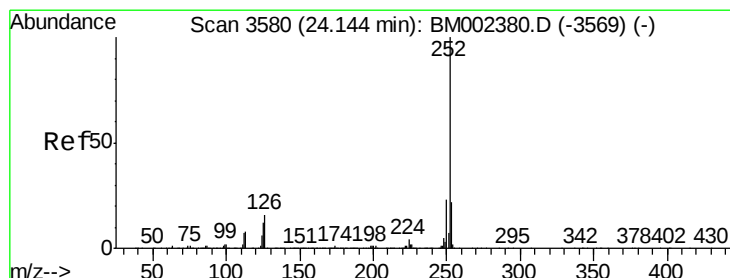
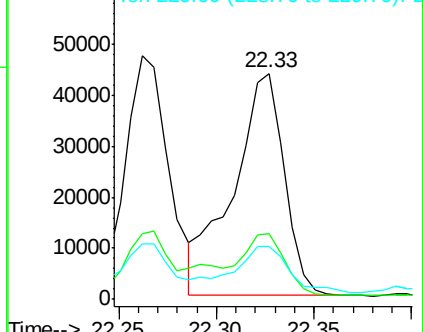
229 23.3 15.5 23.3



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: 3.92 ng/ul

RT: 24.14 min Scan# 3580

Delta R.T. 0.00 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

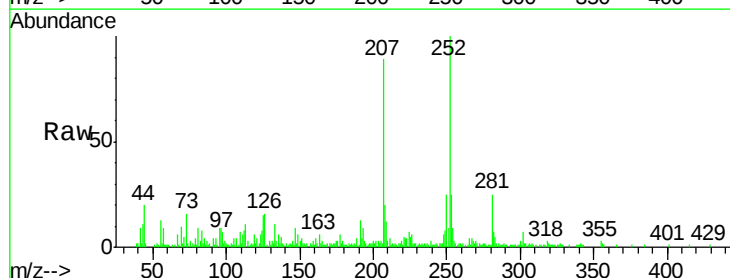
Tgt Ion: 252 Resp: 106362

Ion Ratio Lower Upper

252 100

253 24.9 17.9 26.9

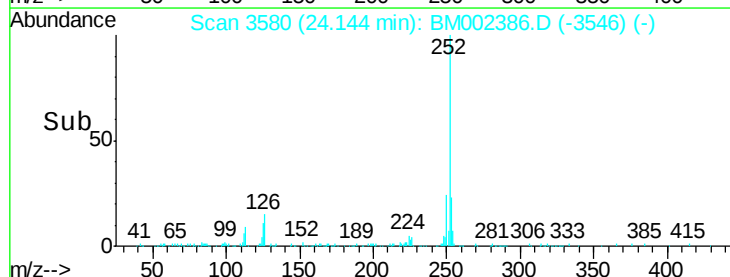
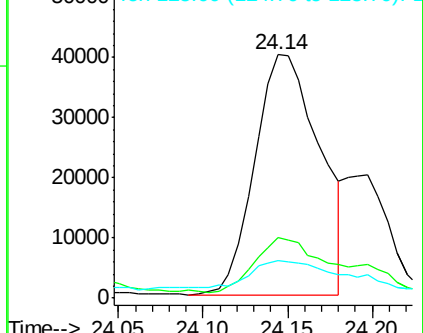
125 15.2 10.3 15.5

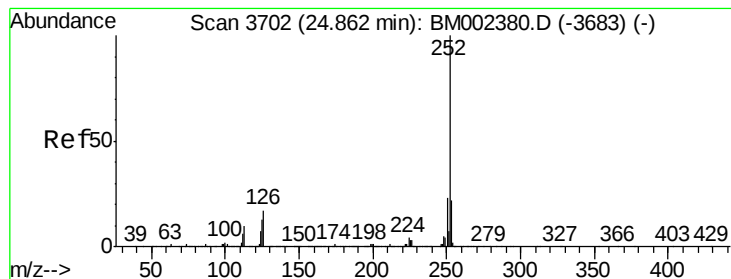


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 2.65 ng/ul

RT: 24.86 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

Instrument :

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ClientSampleId :

D9D87

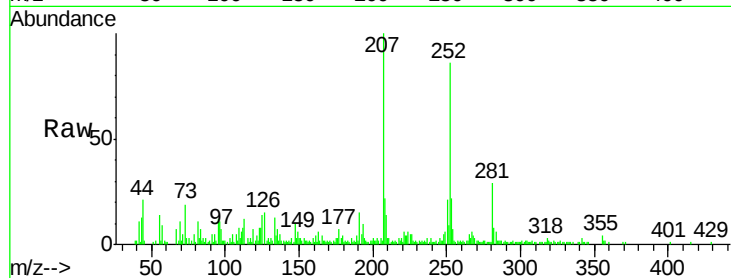
Tgt Ion: 252 Resp: 68632

Ion Ratio Lower Upper

252 100

253 25.1 17.3 25.9

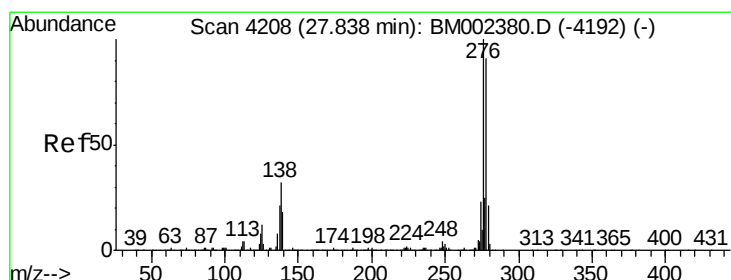
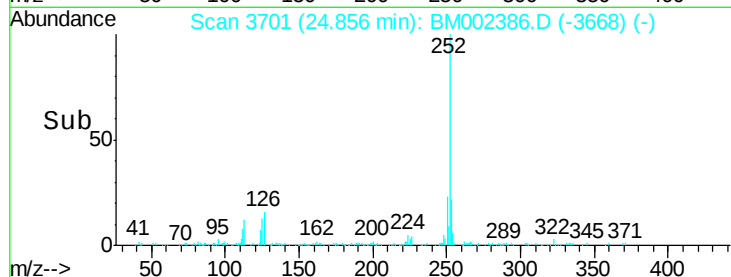
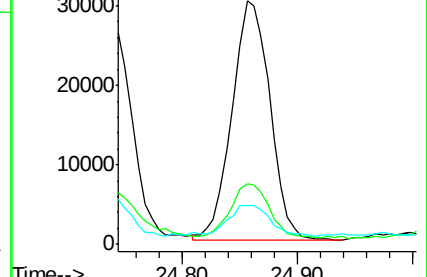
125 15.9 11.0 16.6



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: 1.93 ng/ul

RT: 27.83 min Scan# 4206

Delta R.T. -0.01 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

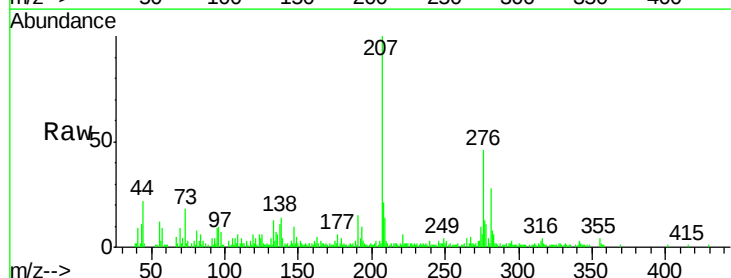
Tgt Ion: 276 Resp: 57234

Ion Ratio Lower Upper

276 100

138 29.8 25.6 38.4

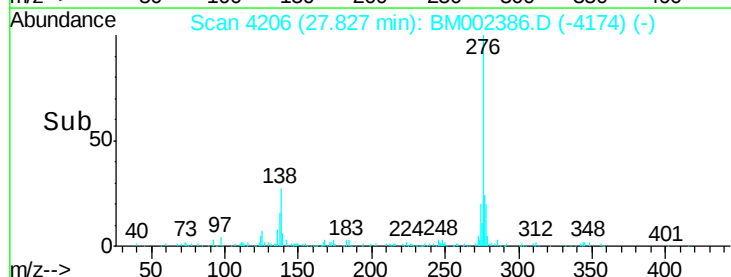
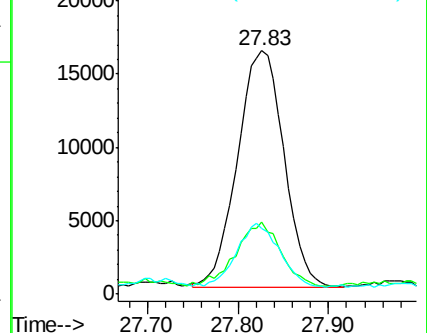
277 27.1 21.0 31.4

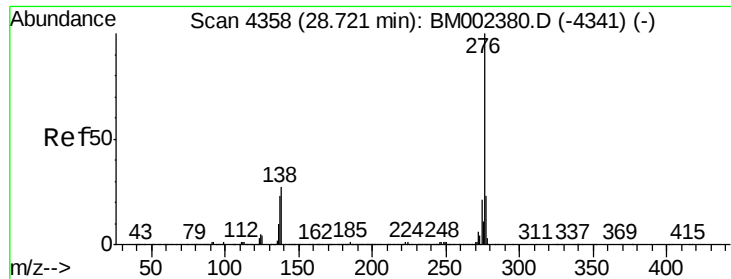


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.43 ng/ul

RT: 28.71 min Scan# 4357

Delta R.T. -0.01 min

Lab File: BM002386.D

Acq: 13 Aug 2015 06:27

Instrument :

BNA_M

ClientSampleId :

D9D87

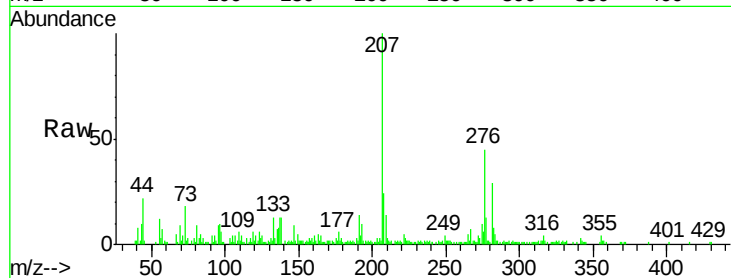
Tgt Ion: 276 Resp: 60912

Ion Ratio Lower Upper

276 100

138 29.8 20.5 30.7

277 28.2 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

