

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002383.D
 Acq On : 13 Aug 2015 04:38
 Operator : UM/IZ
 Sample : G3194-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D84

Quant Time: Aug 13 05:40:07 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	173212	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	766171	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	373114	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	656003	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	464670	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	454360	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	685456	17.73	ng/ul	0.00
10) Fluorene-d10	16.46	176	431967	16.07	ng/ul	0.00
14) Anthracene-d10	18.29	188	544836	17.12	ng/ul	0.00
18) Pyrene-d10	20.51	212	414039	18.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	279902	11.60	ng/ul	0.00

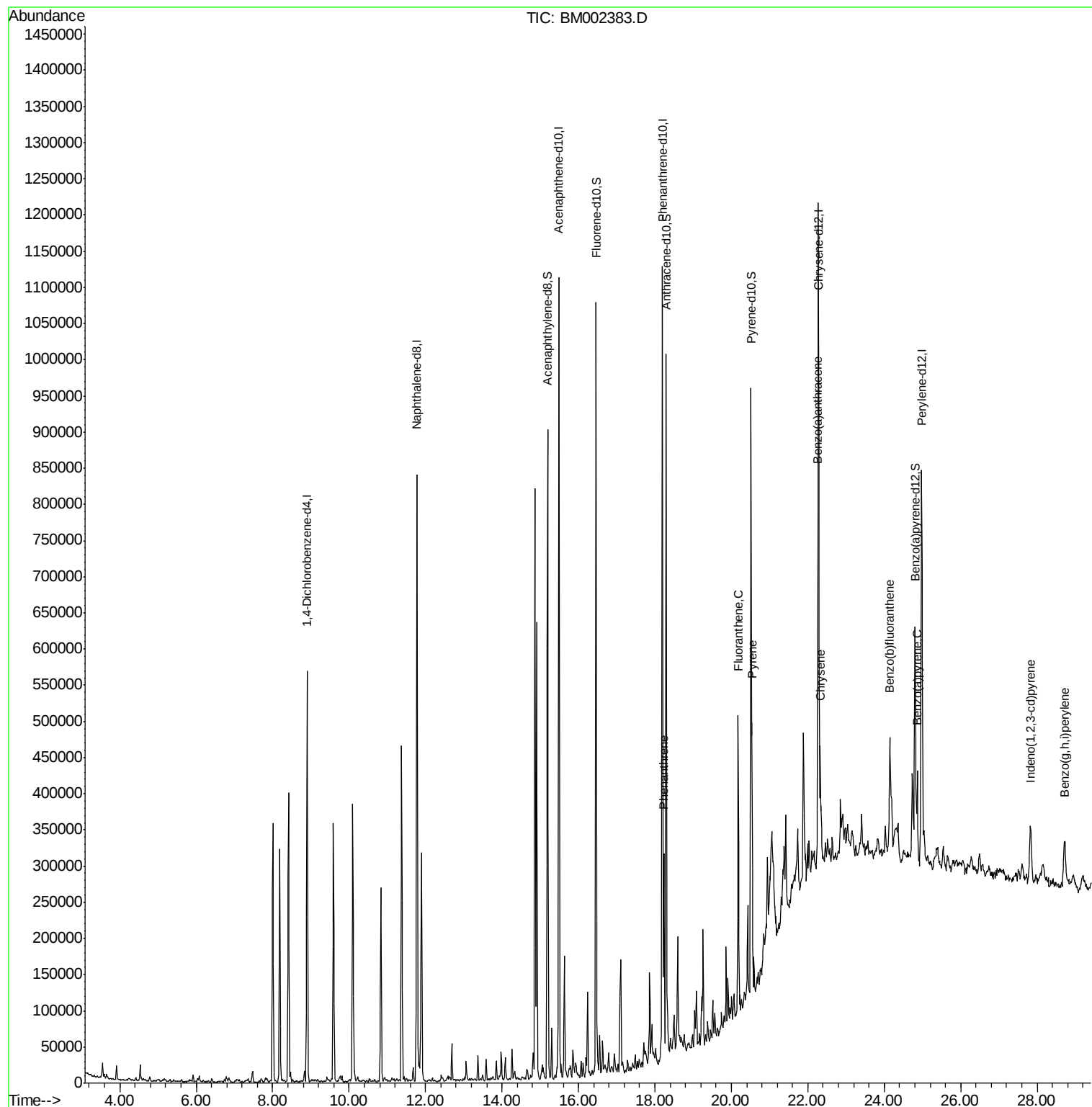
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.24	178	171674	4.55	ng/ul	99
16) Fluoranthene	20.18	202	246133	5.89	ng/ul	99
19) Pyrene	20.54	202	205074	6.83	ng/ul	96
20) Benzo(a)anthracene	22.26	228	103065	3.63	ng/ul	98
21) Chrysene	22.32	228	108091	4.02	ng/ul	97
23) Benzo(b)fluoranthene	24.14	252	150667	5.34	ng/ul	97
26) Benzo(a)pyrene	24.86	252	104351	3.86	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.83	276	86388	2.79	ng/ul	93
29) Benzo(g,h,i)perylene	28.73	276	86583	3.31	ng/ul	99

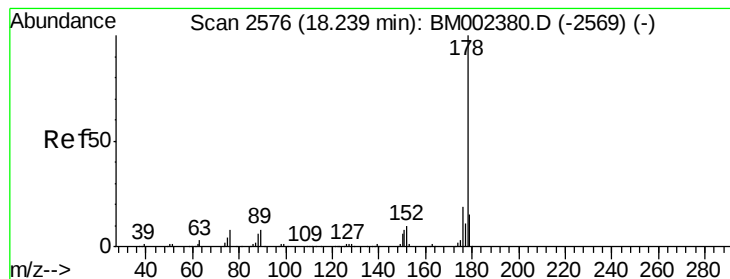
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 4.55 ng/ul

RT: 18.24 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

Instrument :

BNA_M

ClientSampleId :

D9D84

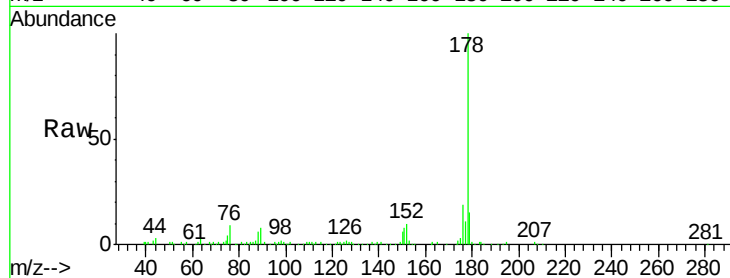
Tgt Ion:178 Resp: 171674

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

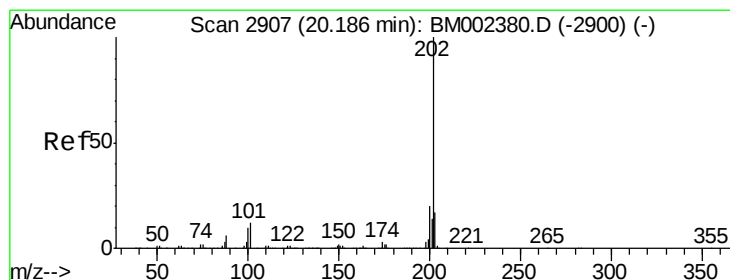
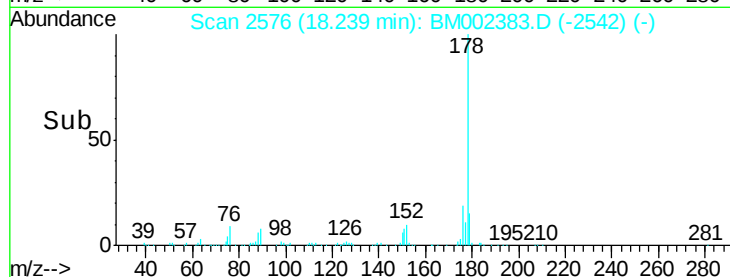
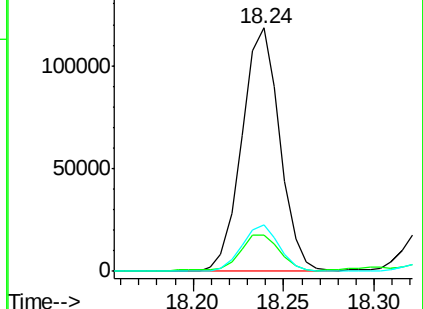
176 18.9 15.3 22.9



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: 5.89 ng/ul

RT: 20.18 min Scan# 2906

Delta R.T. -0.01 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

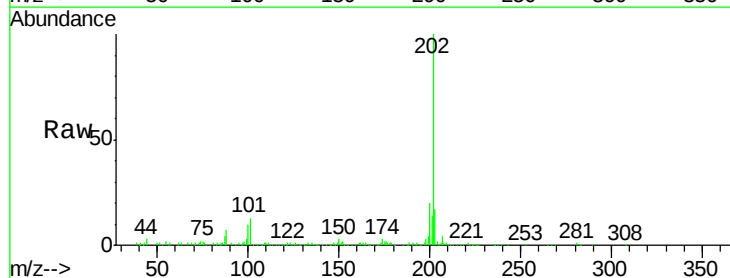
Tgt Ion:202 Resp: 246133

Ion Ratio Lower Upper

202 100

101 13.2 10.6 15.8

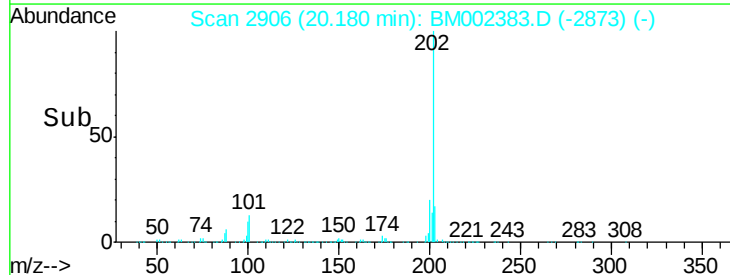
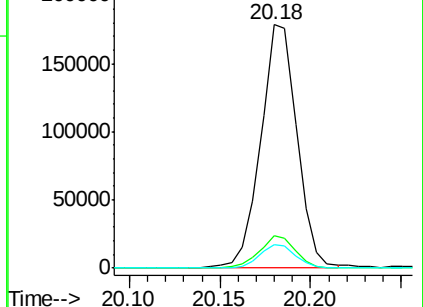
100 9.9 8.2 12.4

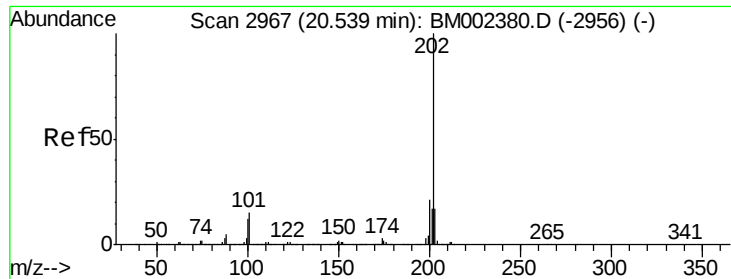


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 6.83 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

Instrument :

BNA_M

ClientSampleId :

D9D84

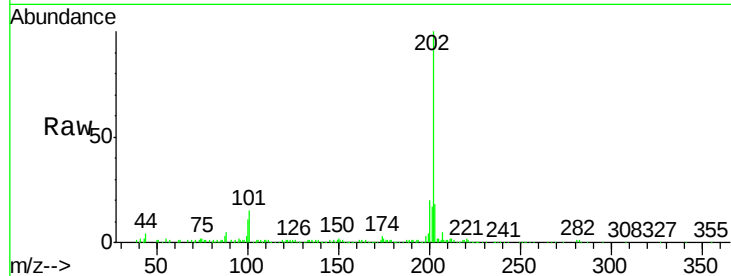
Tgt Ion:202 Resp: 205074

Ion Ratio Lower Upper

202 100

101 15.2 13.0 19.6

100 11.5 11.0 16.4

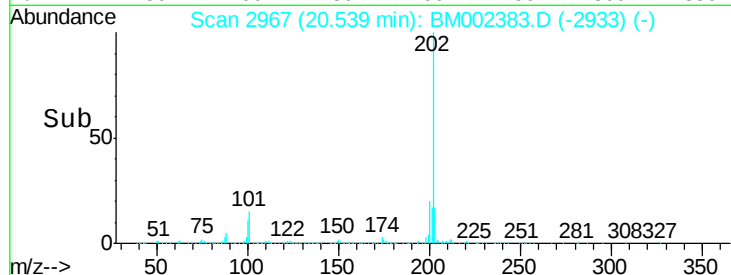


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



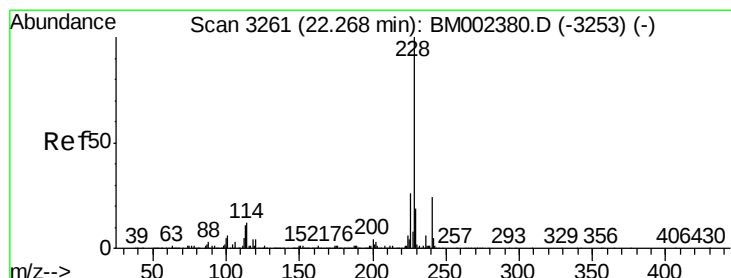
Abundance

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): E

Time-->



#20

Benzo(a)anthracene

Concen: 3.63 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

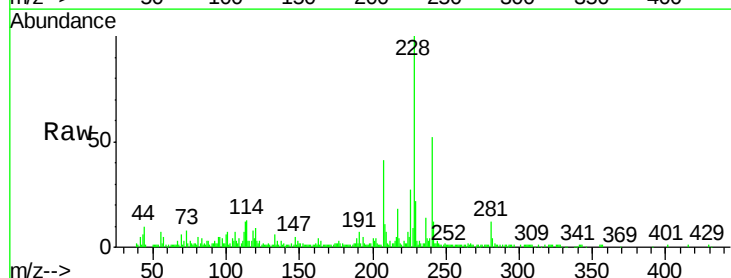
Tgt Ion:228 Resp: 103065

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

226 26.6 21.4 32.0

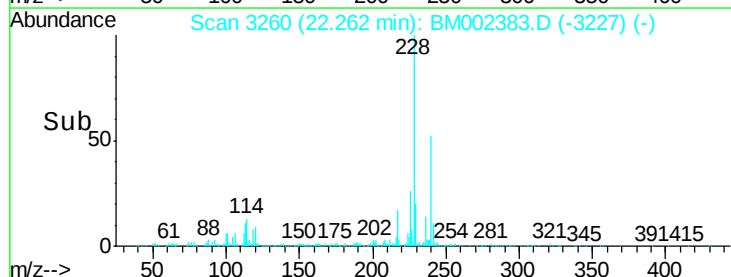


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



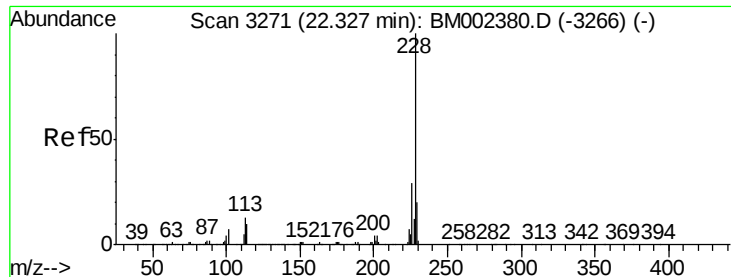
Abundance

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

Time-->



#21

Chrysene

Concen: 4.02 ng/ul

RT: 22.32 min Scan# 3270

Delta R.T. -0.01 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

Instrument :

BNA_M

ClientSampleId :

D9D84

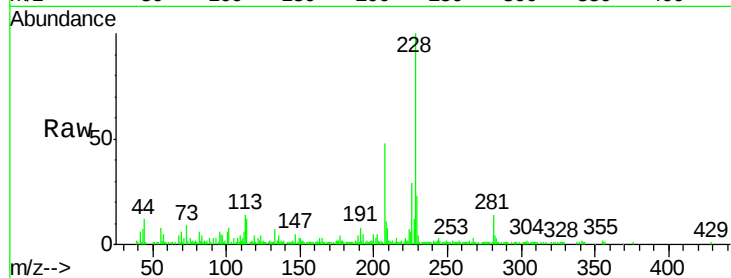
Tgt Ion: 228 Resp: 108091

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

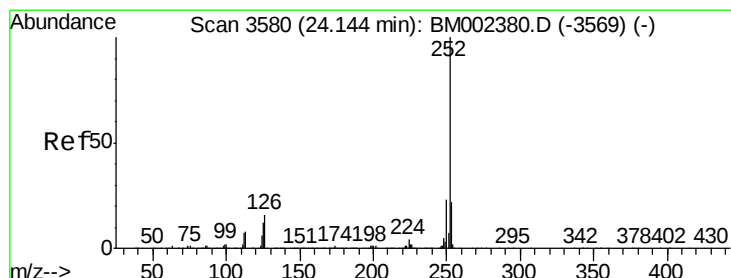
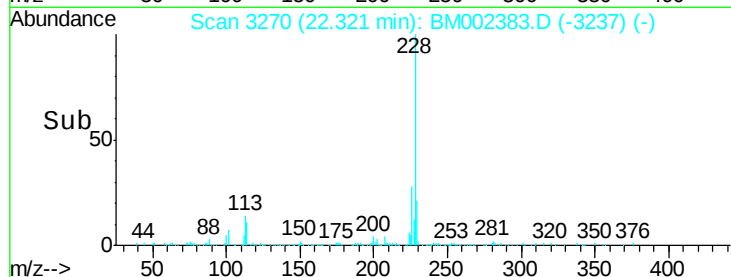
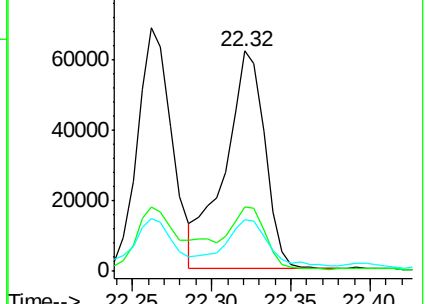
229 23.3 15.5 23.3



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: 5.34 ng/ul

RT: 24.14 min Scan# 3580

Delta R.T. -0.00 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

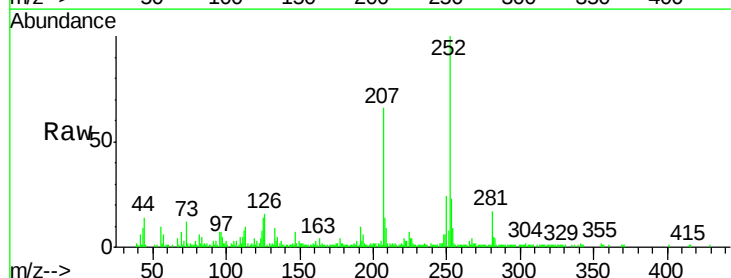
Tgt Ion: 252 Resp: 150667

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

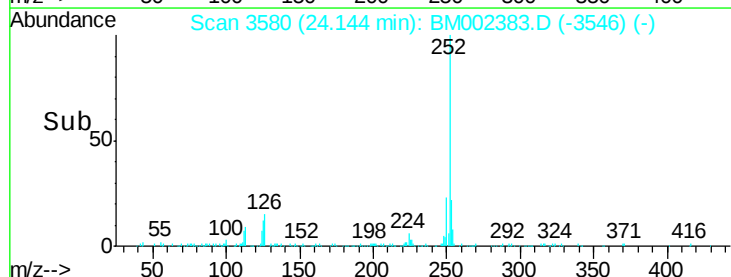
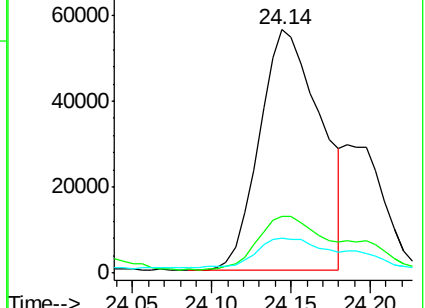
125 14.4 10.3 15.5

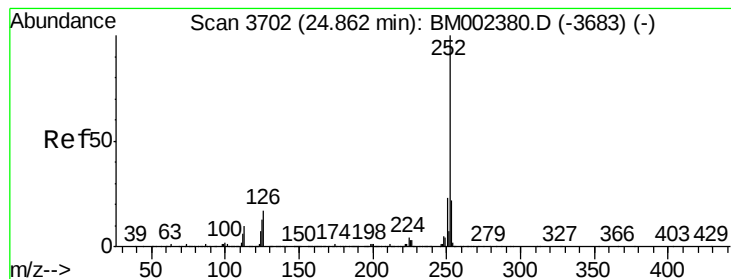


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 3.86 ng/ul

RT: 24.86 min Scan# 3702

Delta R.T. -0.00 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

Instrument :

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ClientSampleId :

D9D84

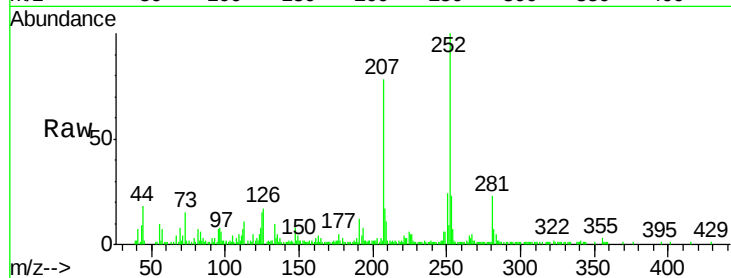
Tgt Ion: 252 Resp: 104351

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

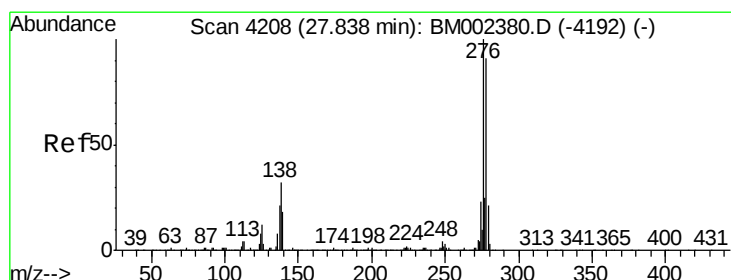
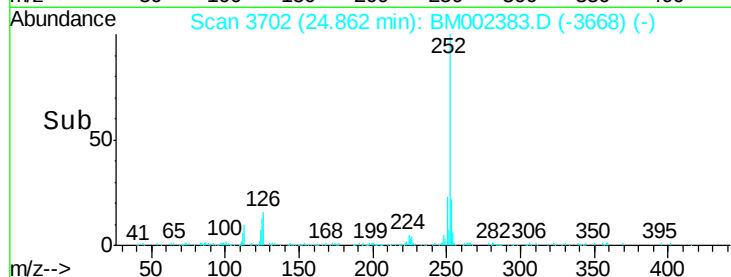
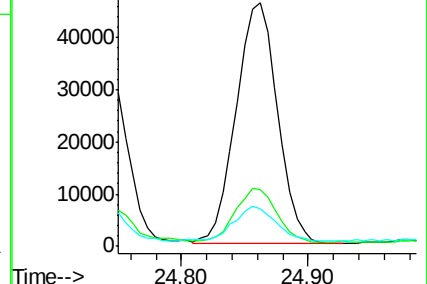
125 15.2 11.0 16.6



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: 2.79 ng/ul

RT: 27.83 min Scan# 4207

Delta R.T. -0.01 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

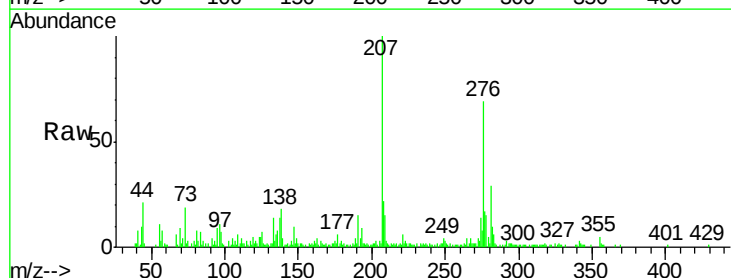
Tgt Ion: 276 Resp: 86388

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

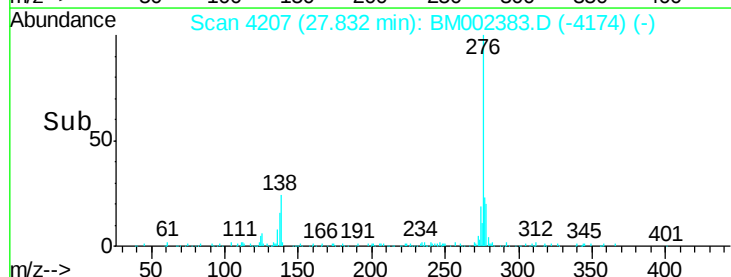
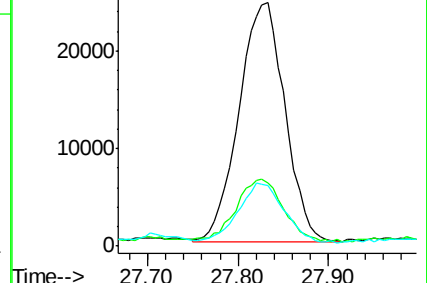
277 25.0 21.0 31.4

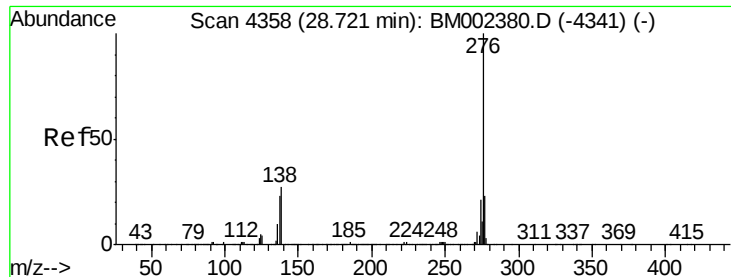


Abundance Ion 276.00 (275.70 to 276.70): E

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: 3.31 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BM002383.D

Acq: 13 Aug 2015 04:38

Instrument :

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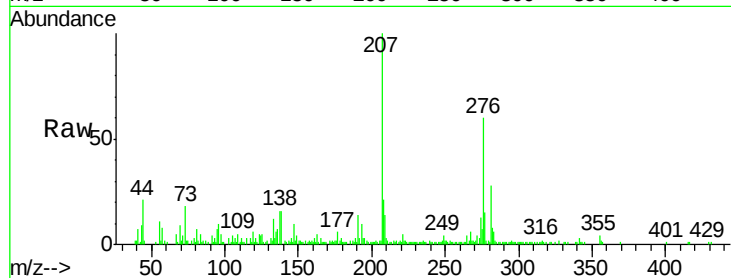
Tgt Ion: 276 Resp: 86583

Ion Ratio Lower Upper

276 100

138 26.5 20.5 30.7

277 24.3 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

