

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002370.D
 Acq On : 12 Aug 2015 20:45
 Operator : UM/IZ
 Sample : G3163-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D00

Quant Time: Aug 13 00:46:54 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 00:45:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	215347	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1001298	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	511012	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	897152	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	642386	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	647784	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1316665	24.87	ng/ul	0.00
10) Fluorene-d10	16.46	176	825629	22.43	ng/ul	0.00
14) Anthracene-d10	18.30	188	1042843	23.96	ng/ul	0.00
18) Pyrene-d10	20.52	212	794826	25.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	633803	18.43	ng/ul	0.00

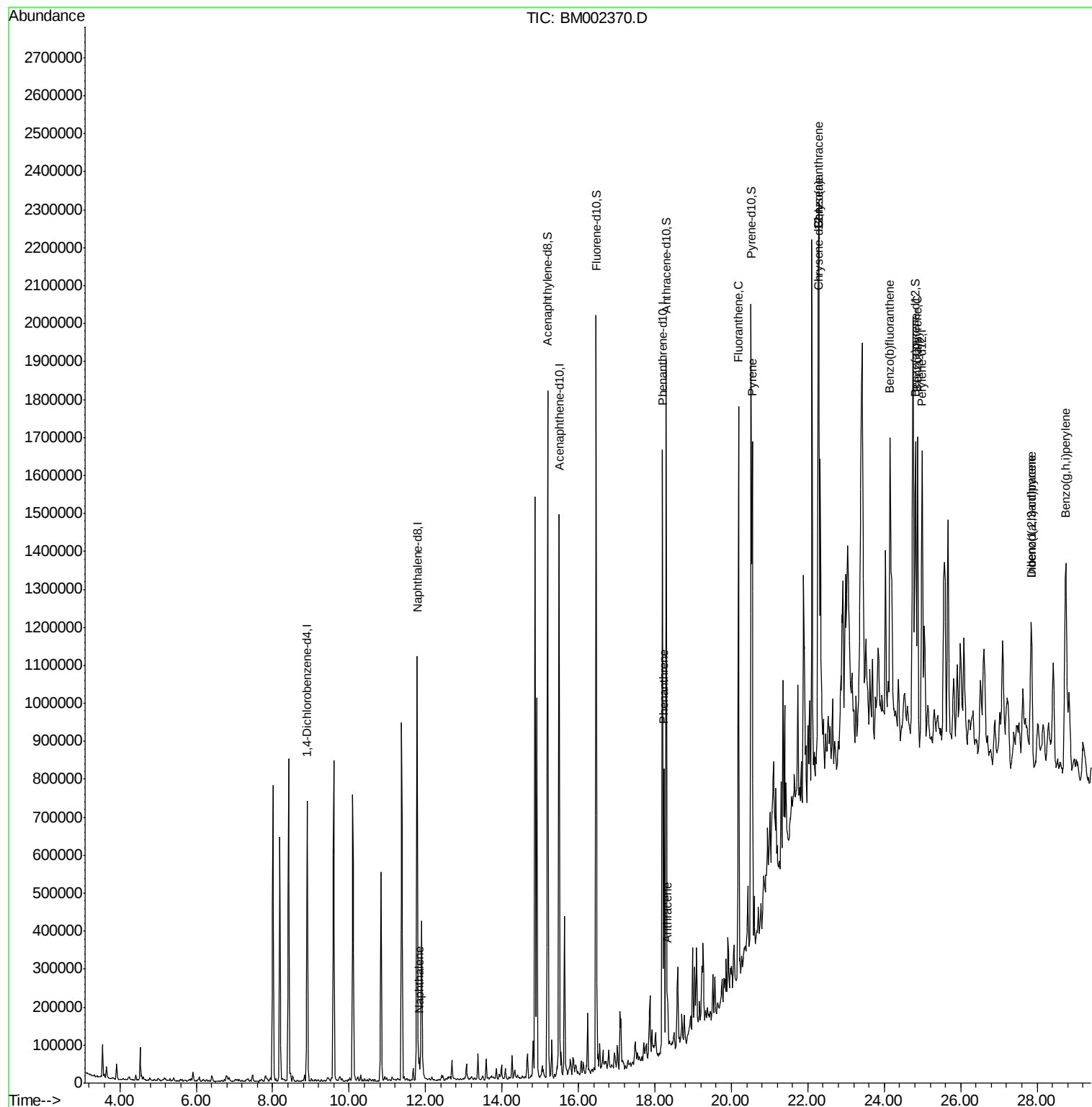
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.83	128	52819	1.00	ng/ul	99
13) Phenanthrene	18.24	178	459611	8.90	ng/ul	100
15) Anthracene	18.33	178	101129	1.90	ng/ul	98
16) Fluoranthene	20.19	202	903981	15.81	ng/ul	100
19) Pyrene	20.54	202	747830	18.01	ng/ul	97
20) Benzo(a)anthracene	22.27	228	479496	12.23	ng/ul	97
21) Chrysene	22.27	228	478303	12.87	ng/ul	94
23) Benzo(b)fluoranthene	24.16	252	730051	18.13	ng/ul	97
26) Benzo(a)pyrene	24.87	252	639435	16.60	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	377855	8.56	ng/ul	98
28) Dibenzo(a,h)anthracene	27.84	278	130061	3.48	ng/ul#	60
29) Benzo(g,h,i)perylene	28.74	276	776547	20.84	ng/ul	95

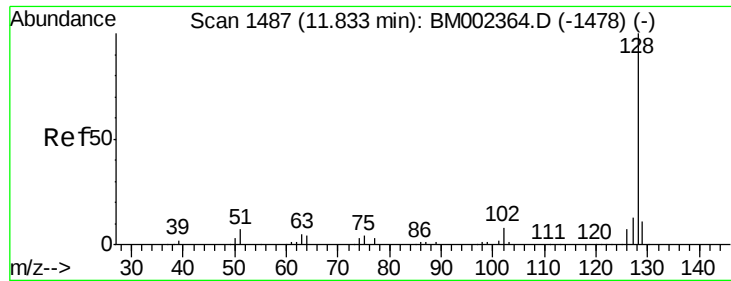
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 00:45:03 2015
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#3

Naphthalene

Concen: 1.00 ng/ul

RT: 11.83 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

Instrument :

BNA_M

ClientSampleId :

D9D00

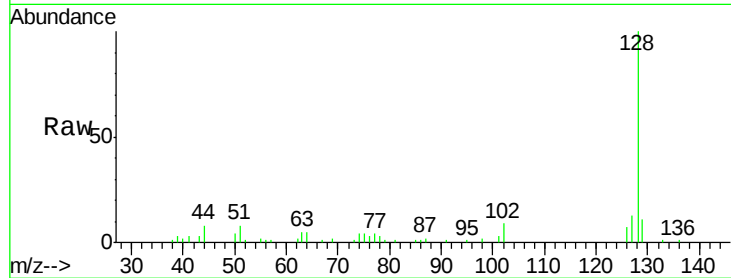
Tgt Ion:128 Resp: 52819

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

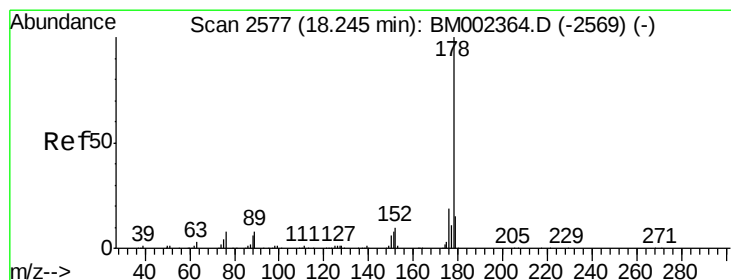
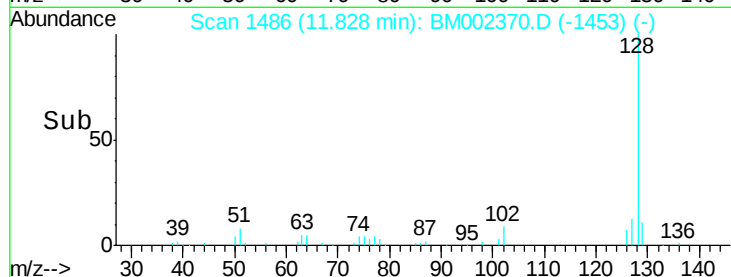
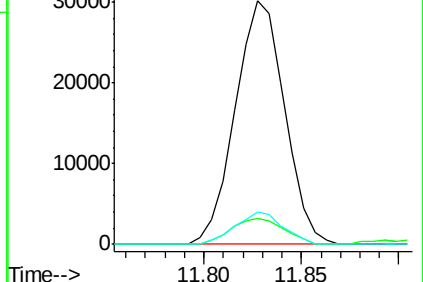
127 13.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#13

Phenanthrene

Concen: 8.90 ng/ul

RT: 18.24 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

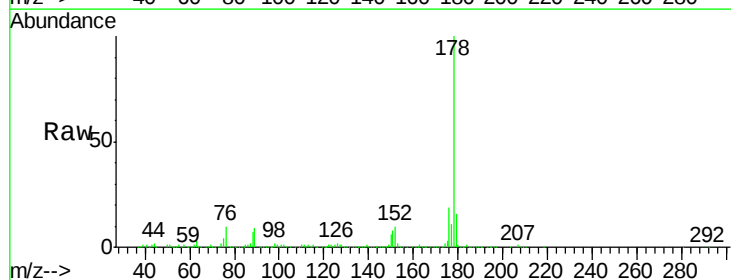
Tgt Ion:178 Resp: 459611

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

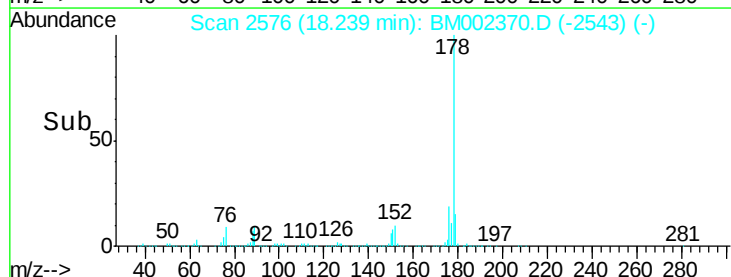
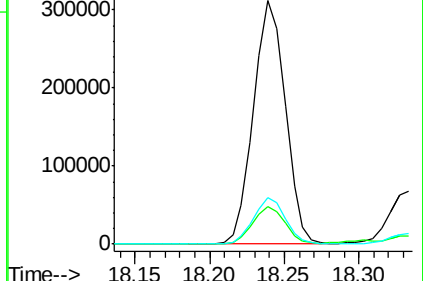
176 18.9 15.3 22.9

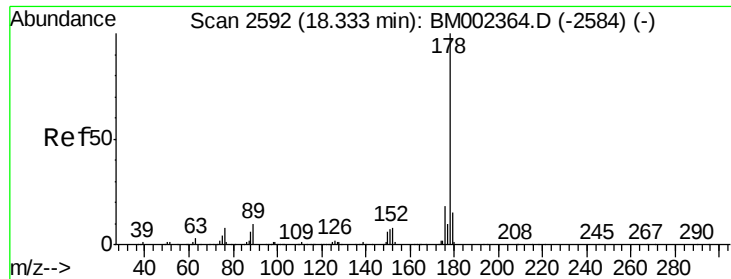


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.90 ng/ul

RT: 18.33 min Scan# 2592

Delta R.T. 0.00 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

Instrument :

BNA_M

ClientSampleId :

D9D00

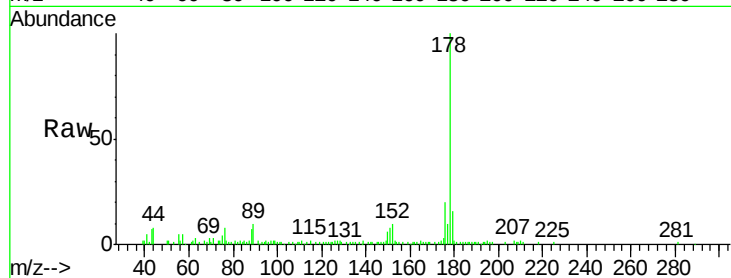
Tgt Ion:178 Resp: 101129

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

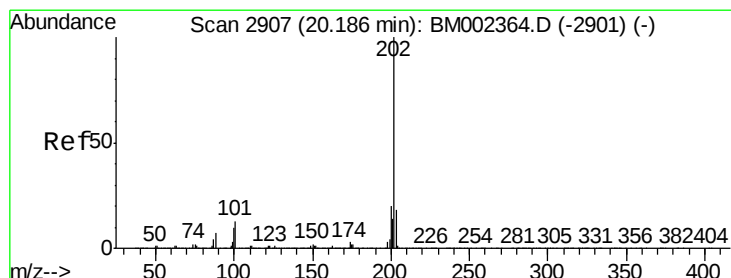
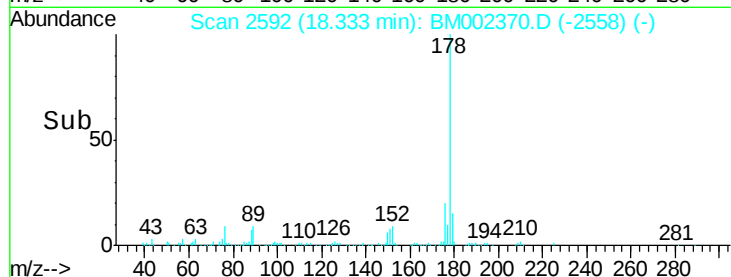
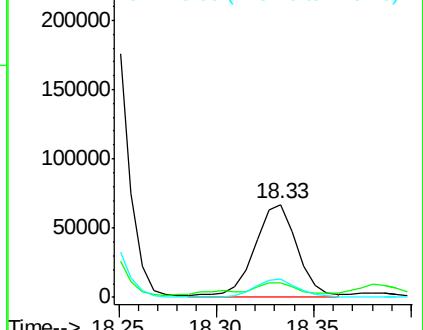
176 19.6 14.5 21.7



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: 15.81 ng/ul

RT: 20.19 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

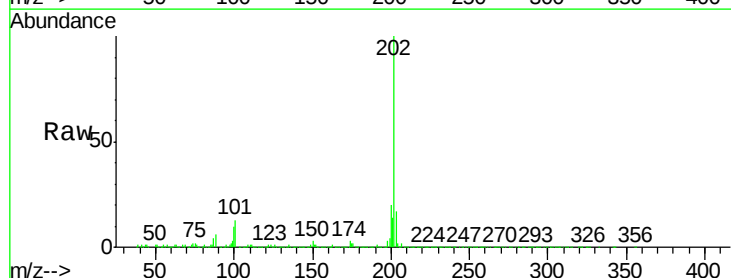
Tgt Ion:202 Resp: 903981

Ion Ratio Lower Upper

202 100

101 13.3 10.6 15.8

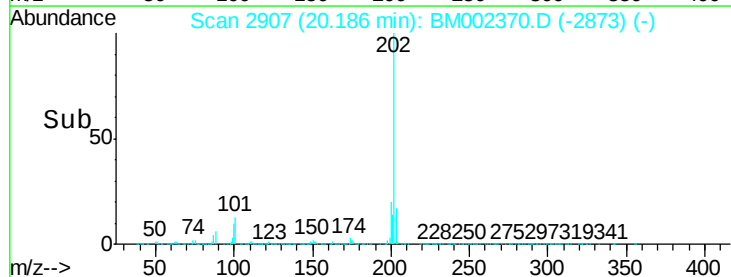
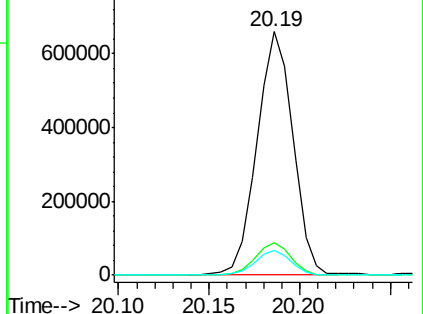
100 10.0 8.2 12.4

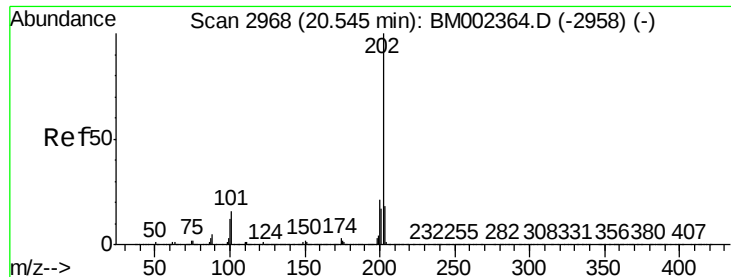


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 18.01 ng/ul

RT: 20.54 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

Instrument :

BNA_M

ClientSampleId :

D9D00

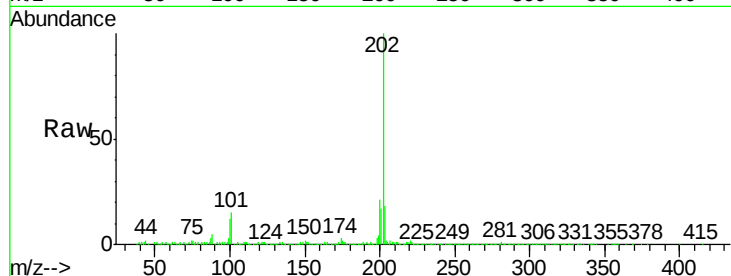
Tgt Ion:202 Resp: 747830

Ion Ratio Lower Upper

202 100

101 15.1 13.0 19.6

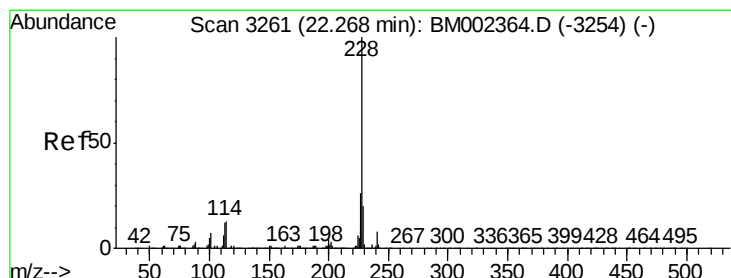
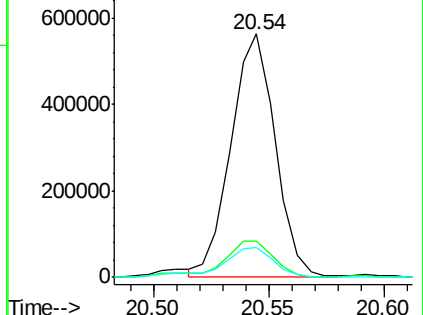
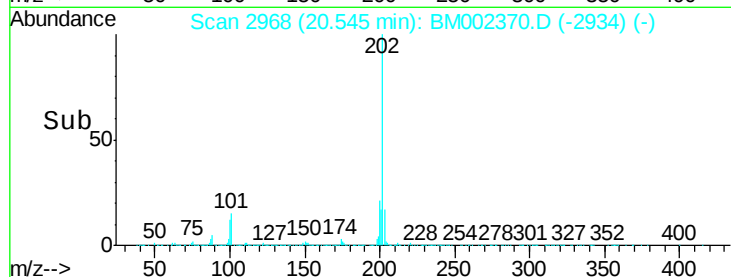
100 12.1 11.0 16.4



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: 12.23 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

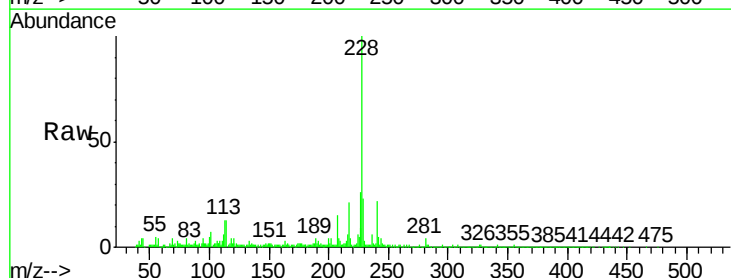
Tgt Ion:228 Resp: 479496

Ion Ratio Lower Upper

228 100

229 22.7 15.7 23.5

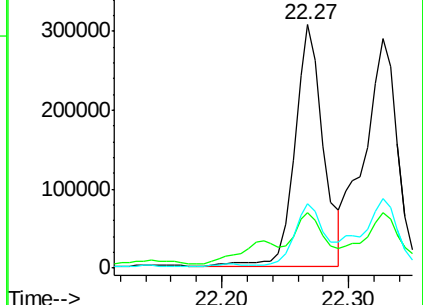
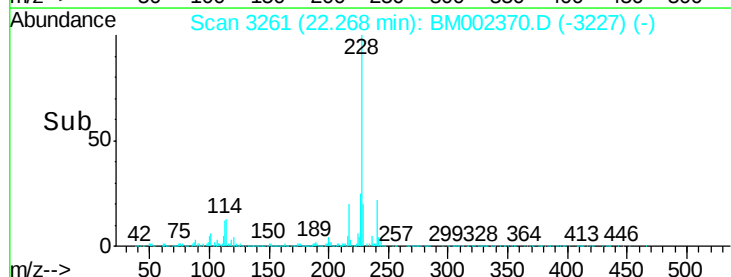
226 26.3 21.4 32.0

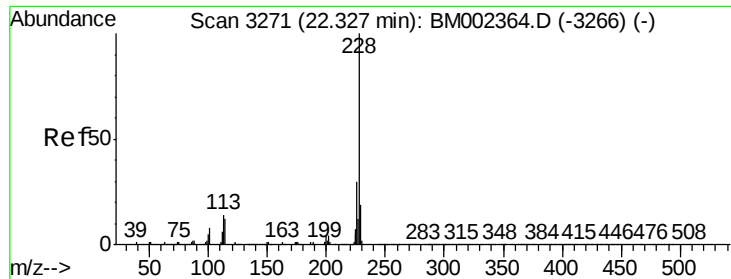


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 12.87 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. -0.06 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

Instrument :

BNA_M

ClientSampleId :

D9D00

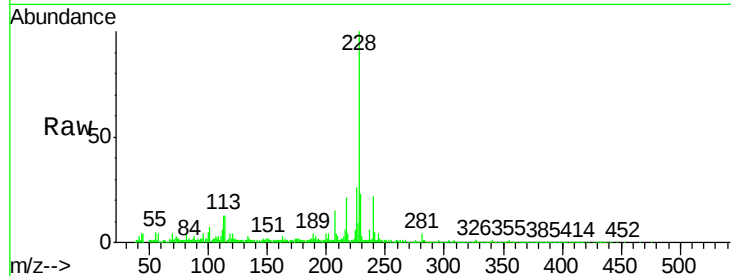
Tgt Ion:228 Resp: 478303

Ion Ratio Lower Upper

228 100

226 26.3 23.4 35.0

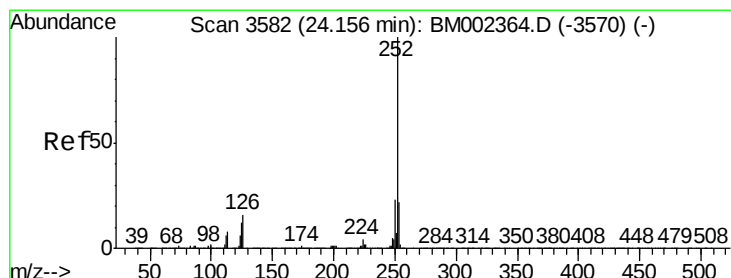
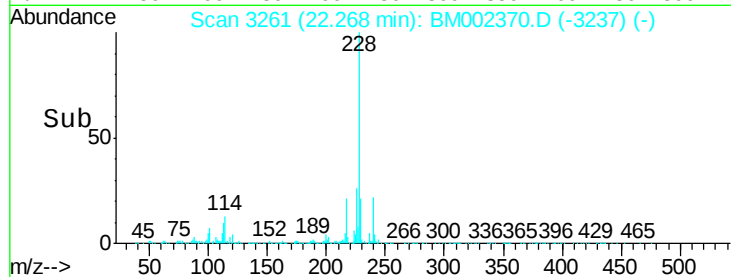
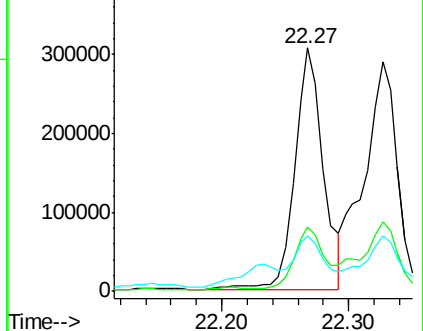
229 22.7 15.5 23.3



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: 18.13 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. 0.00 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

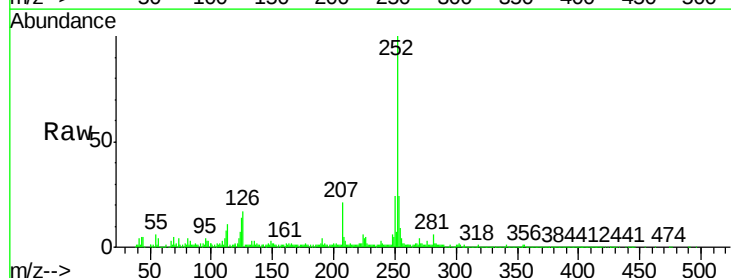
Tgt Ion:252 Resp: 730051

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

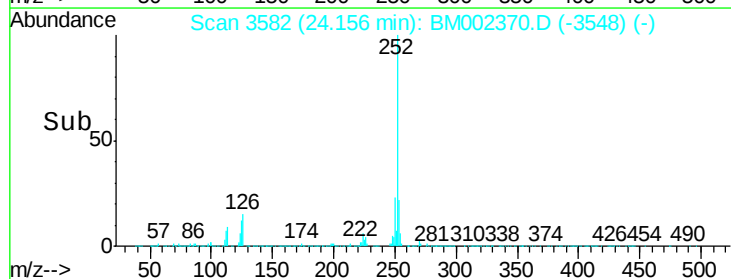
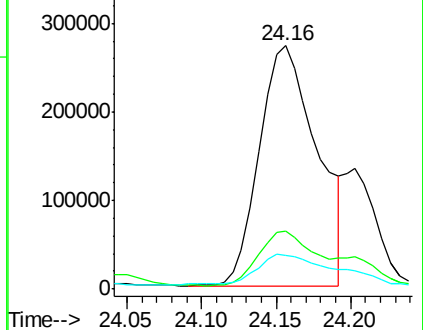
125 14.1 10.3 15.5

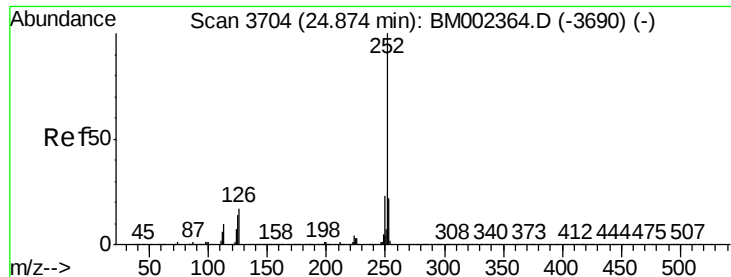


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 16.60 ng/ul

RT: 24.87 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

Instrument :

BNA_M

ClientSampleId :

D9D00

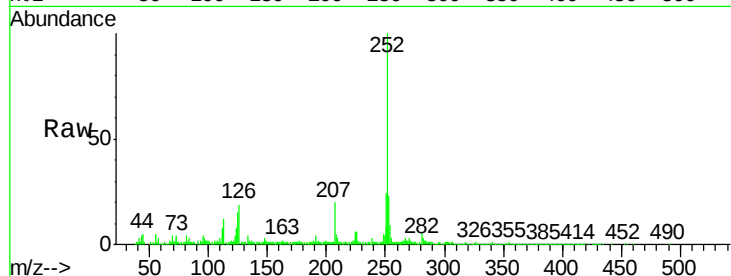
Tgt Ion:252 Resp: 639435

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

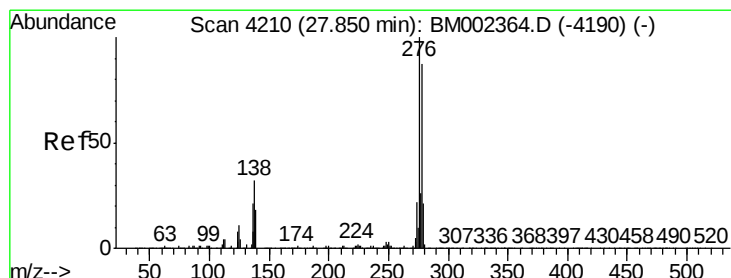
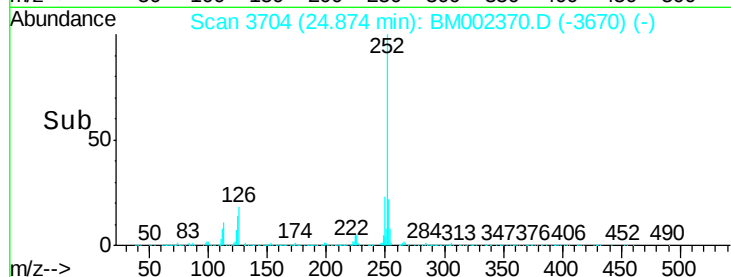
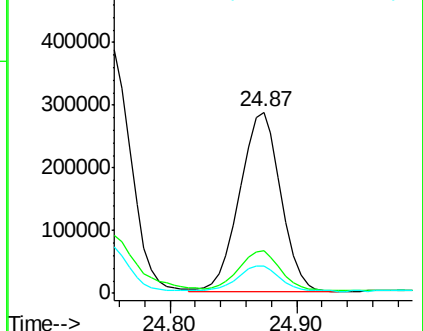
125 15.0 11.0 16.6



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: 8.56 ng/ul

RT: 27.84 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

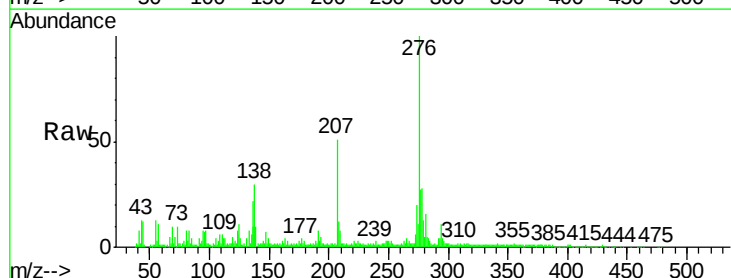
Tgt Ion:276 Resp: 377855

Ion Ratio Lower Upper

276 100

138 30.3 25.6 38.4

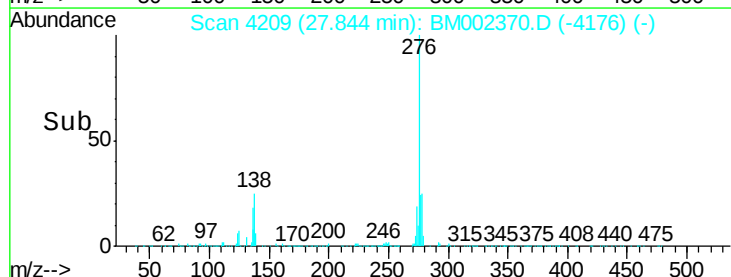
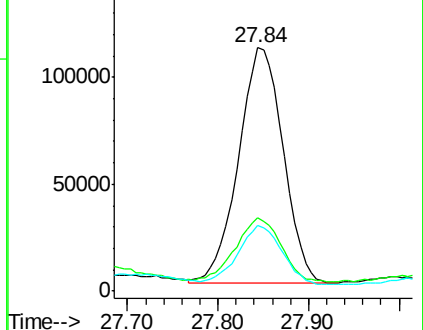
277 26.8 21.0 31.4

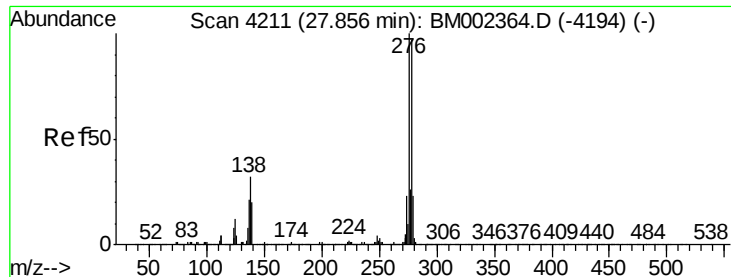


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 3.48 ng/ul

RT: 27.84 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

Instrument :

BNA_M

ClientSampleId :

D9D00

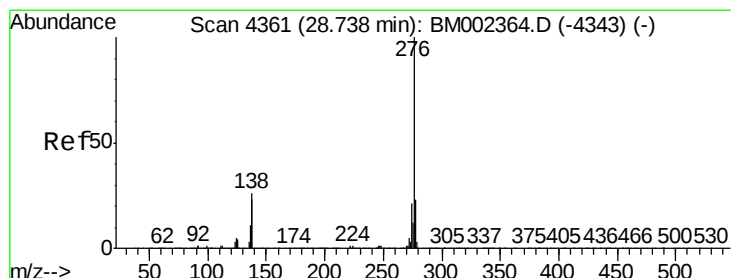
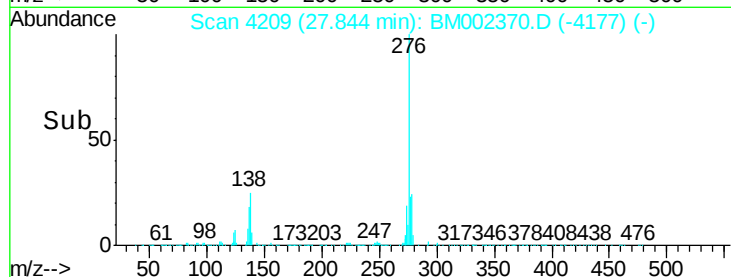
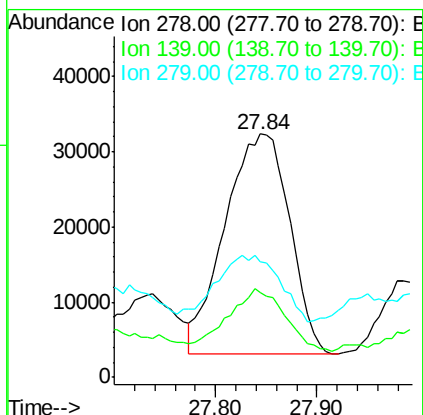
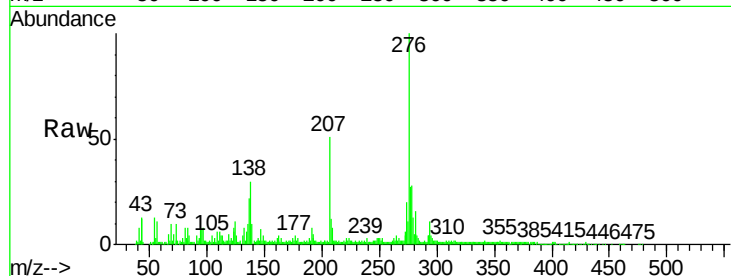
Tgt Ion:278 Resp: 130061

Ion Ratio Lower Upper

278 100

139 34.6 16.4 24.6#

279 47.2 18.8 28.2#



#29

Benzo(g,h,i)perylene

Concen: 20.84 ng/ul

RT: 28.74 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BM002370.D

Acq: 12 Aug 2015 20:45

Tgt Ion:276 Resp: 776547

Ion Ratio Lower Upper

276 100

138 29.3 20.5 30.7

277 25.2 19.0 28.6

