

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008178.D
 Acq On : 03 Dec 2016 04:10
 Operator : UM/SJ
 Sample : H5730-09DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6DL

Quant Time: Dec 03 04:56:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 03 04:54:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	500	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	1641	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	855	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	1527	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1385	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	1545	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.12	152	121	0.05	ng/ul	0.02
14) Fluoranthene-d10	19.13	212	347	0.08	ng/ul	0.00

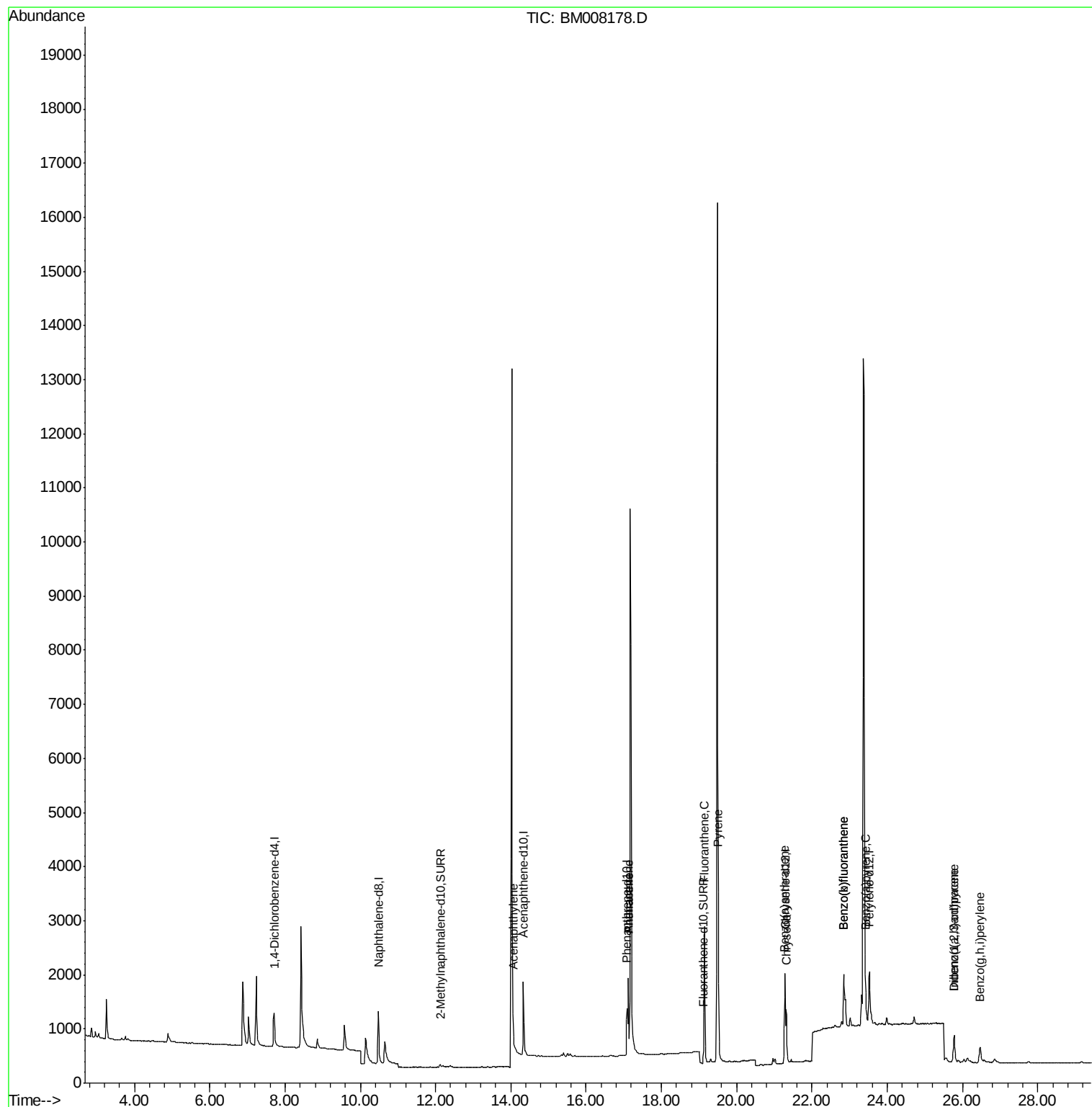
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.06	152	244	0.06	ng/ul#	47
12) Phenanthrene	17.12	178	1730	0.36	ng/ul	97
13) Anthracene	17.12	178	1730	0.39	ng/ul	98
15) Fluoranthene	19.15	202	2695	0.44	ng/ul	98
17) Pyrene	19.51	202	2434	0.51	ng/ul	98
18) Benzo(a)anthracene	21.28	228	902	0.21	ng/ul#	84
19) Chrysene	21.32	228	1097	0.21	ng/ul#	87
21) Benzo(b)fluoranthene	22.85	252	2321	0.38	ng/ul	89
22) Benzo(k)fluoranthene	22.85	252	2321	0.36	ng/ul#	87
23) Benzo(a)pyrene	23.42	252	1049	0.18	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.78	276	946	0.13	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.78	278	214	0.04	ng/ul#	6
26) Benzo(g,h,i)perylene	26.47	276	707	0.11	ng/ul#	78

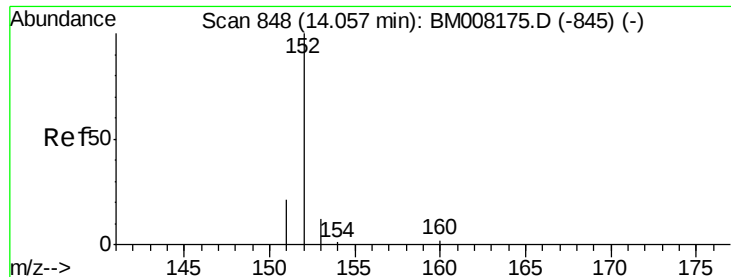
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

Instrument :

BNA_M

ClientSampleId :

A4WH6DL

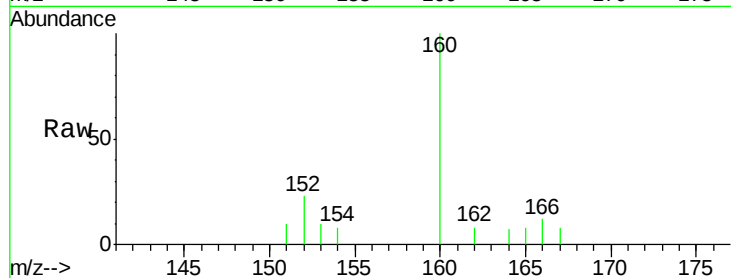
Tgt Ion:152 Resp: 244

Ion Ratio Lower Upper

152 100

151 43.8 17.1 25.7#

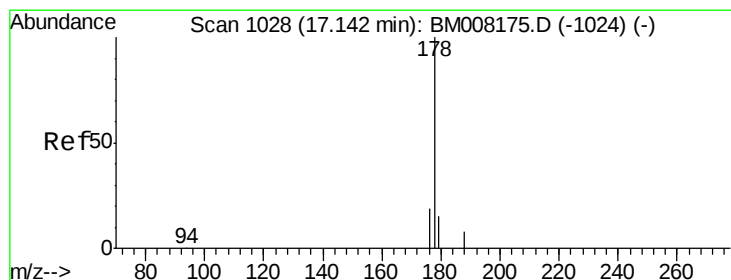
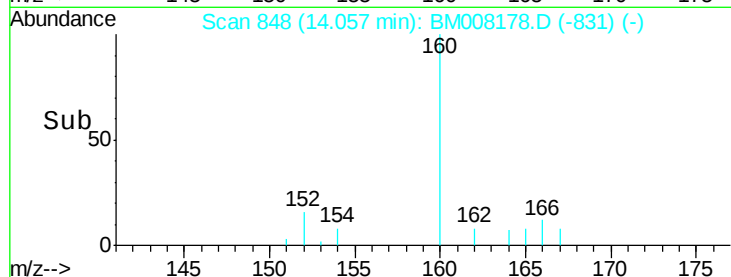
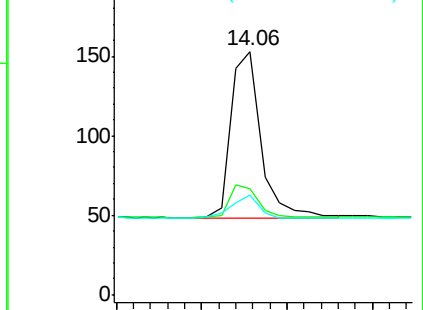
153 41.2 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.36 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

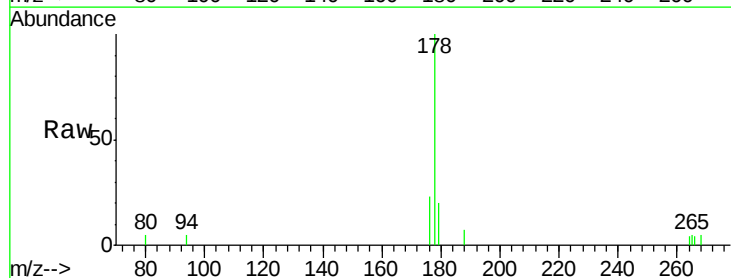
Tgt Ion:178 Resp: 1730

Ion Ratio Lower Upper

178 100

176 22.5 18.4 27.6

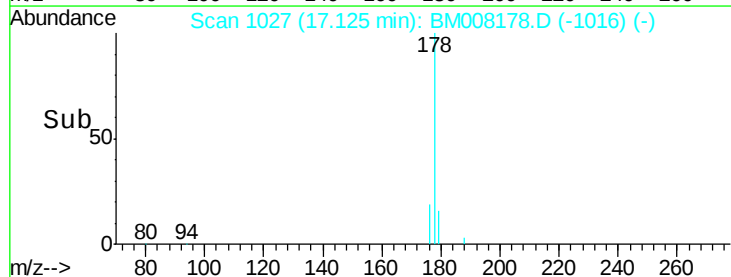
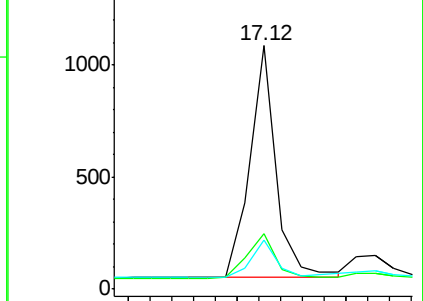
179 20.0 13.6 20.4

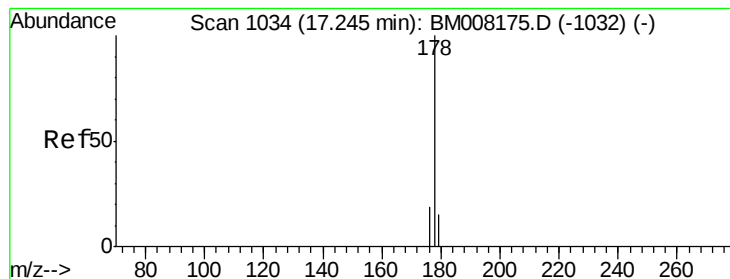


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#13

Anthracene

Concen: 0.39 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. -0.12 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

Instrument :

BNA_M

ClientSampleId :

A4WH6DL

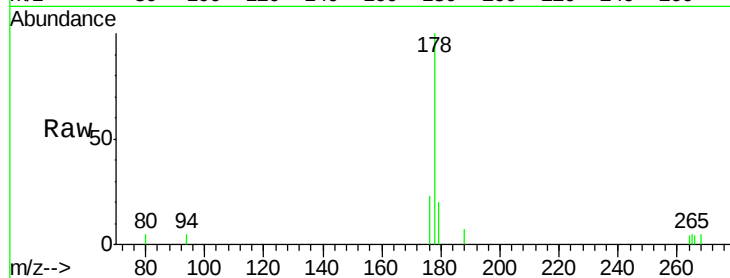
Tgt Ion:178 Resp: 1730

Ion Ratio Lower Upper

178 100

176 22.5 18.1 27.1

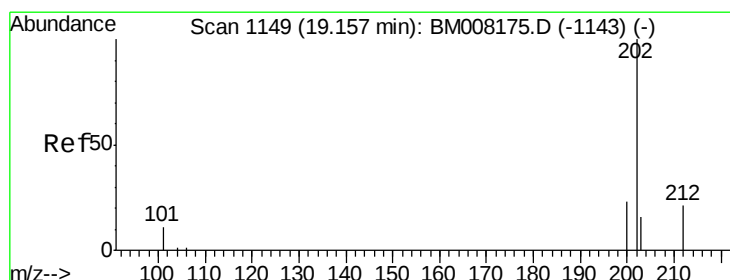
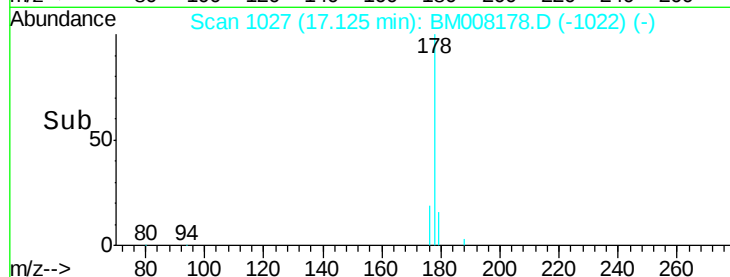
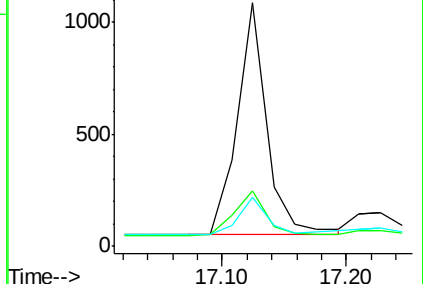
179 20.0 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.44 ng/ul

RT: 19.15 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

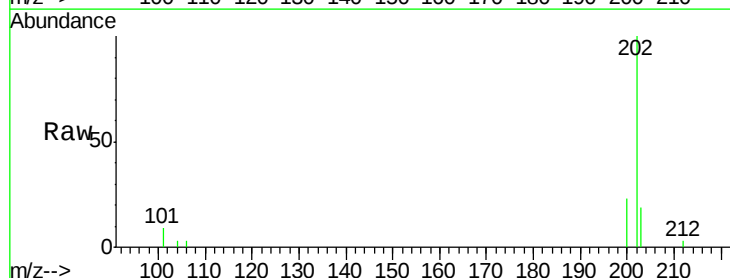
Tgt Ion:202 Resp: 2695

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.3

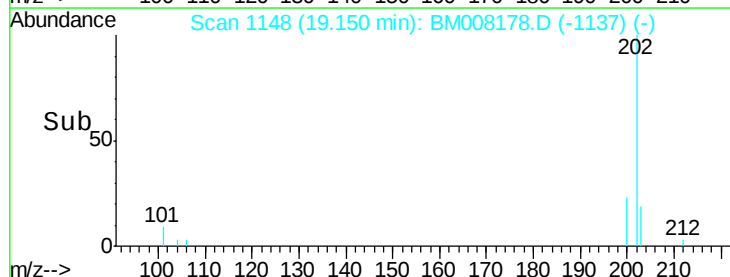
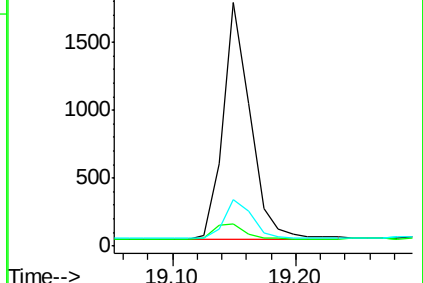
203 19.1 0.0 39.5

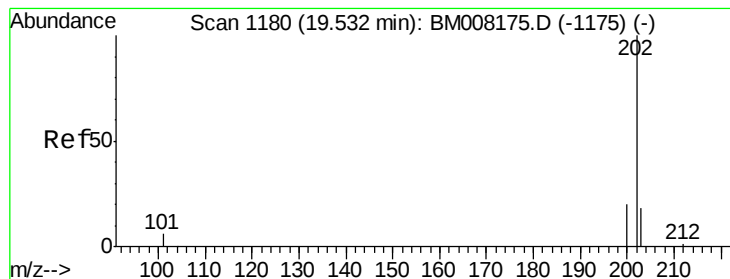


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.51 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

Instrument :

BNA_M

ClientSampleId :

A4WH6DL

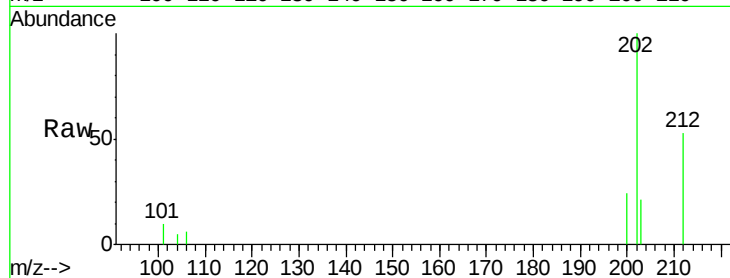
Tgt Ion:202 Resp: 2434

Ion Ratio Lower Upper

202 100

200 23.7 18.2 27.4

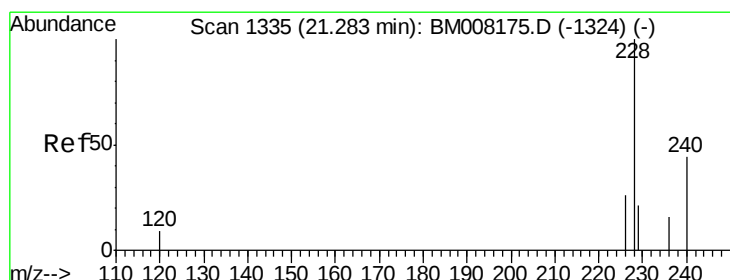
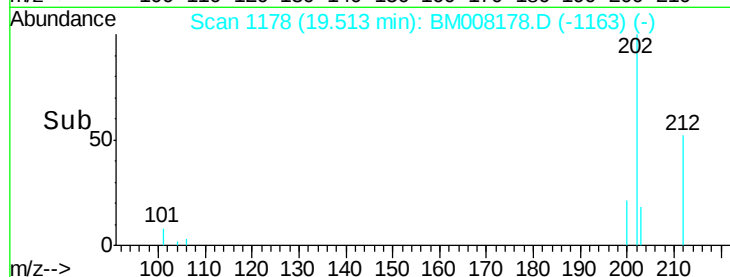
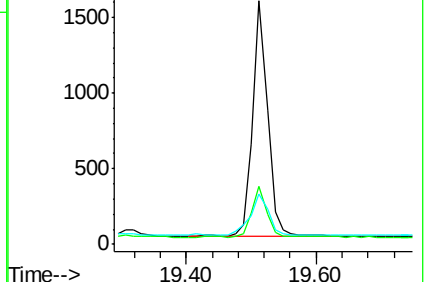
203 20.7 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#18

Benzo(a)anthracene

Concen: 0.21 ng/ul

RT: 21.28 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

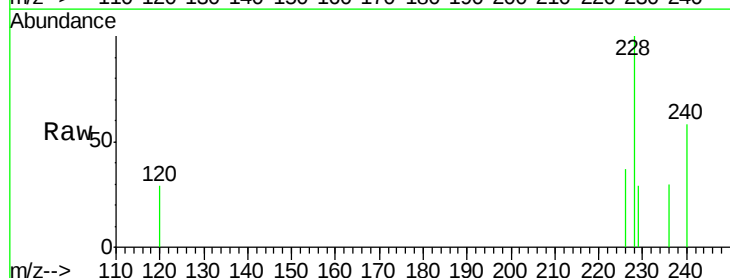
Tgt Ion:228 Resp: 902

Ion Ratio Lower Upper

228 100

226 36.5 22.8 34.2#

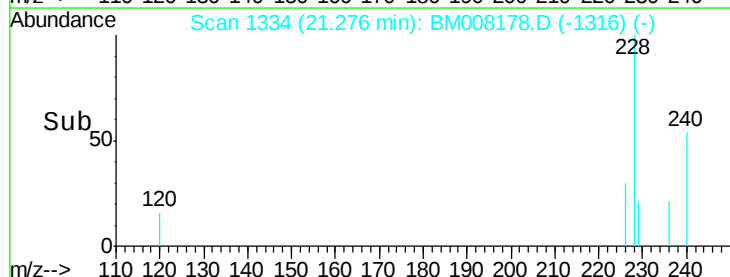
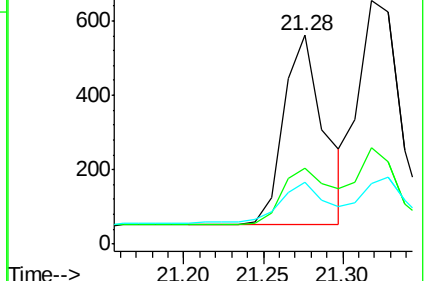
229 29.4 17.0 25.6#

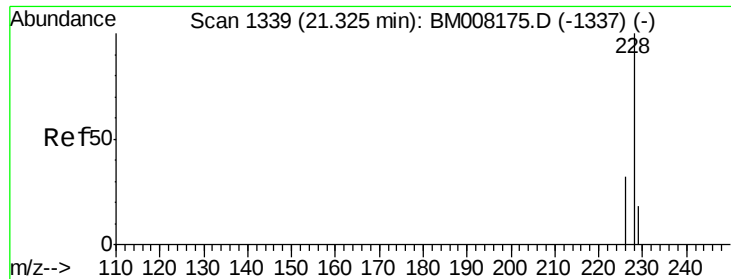


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.21 ng/ul

RT: 21.32 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

Instrument :

BNA_M

ClientSampleId :

A4WH6DL

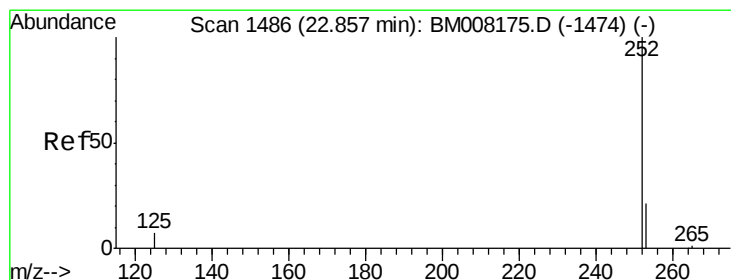
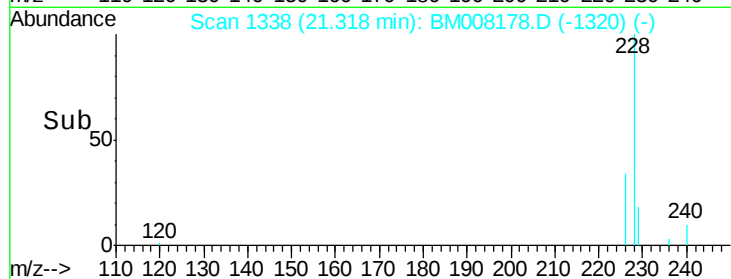
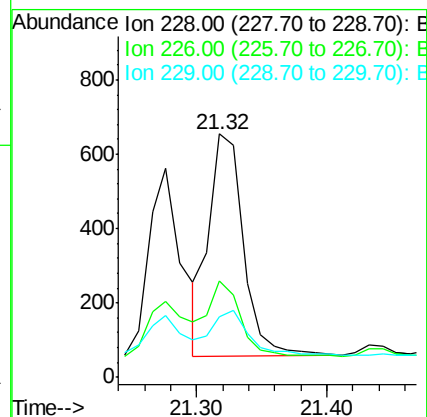
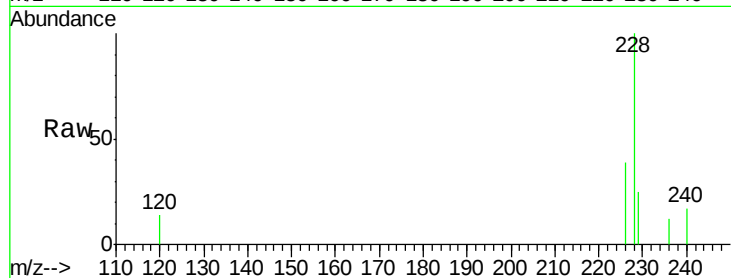
Tgt Ion:228 Resp: 1097

Ion Ratio Lower Upper

228 100

226 39.4 23.4 35.0#

229 24.9 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 0.38 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

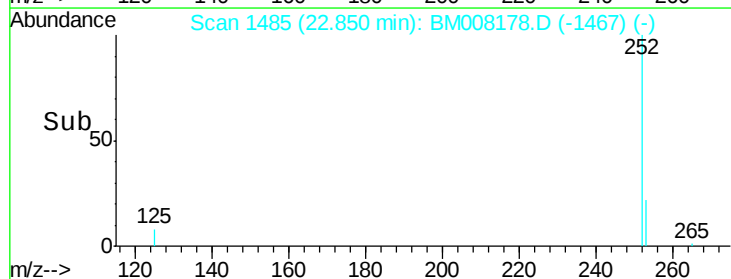
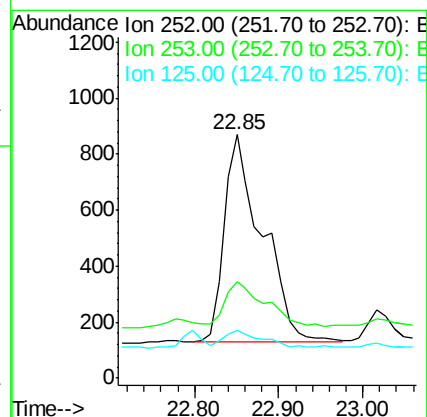
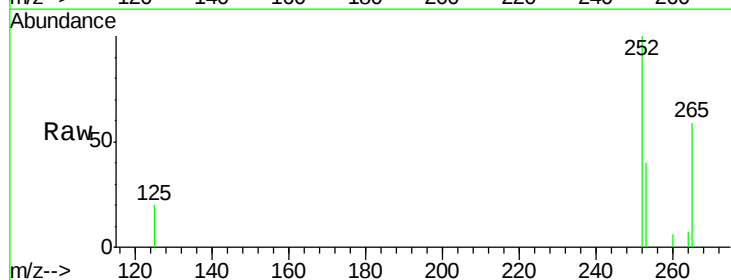
Tgt Ion:252 Resp: 2321

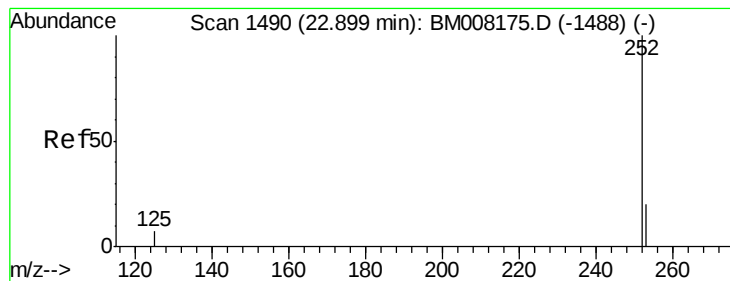
Ion Ratio Lower Upper

252 100

253 39.8 0.0 64.2

125 19.8 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.36 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.05 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

Instrument :

BNA_M

ClientSampleId :

A4WH6DL

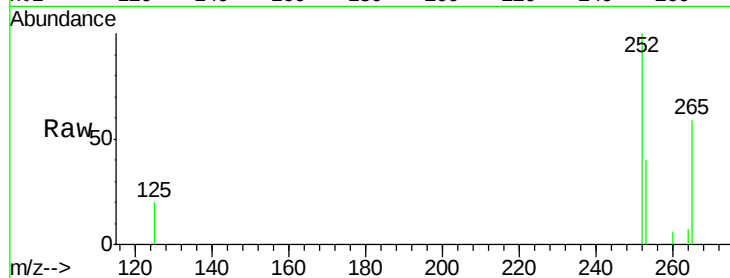
Tgt Ion: 252 Resp: 2321

Ion Ratio Lower Upper

252 100

253 39.8 24.5 36.7#

125 19.8 13.7 20.5

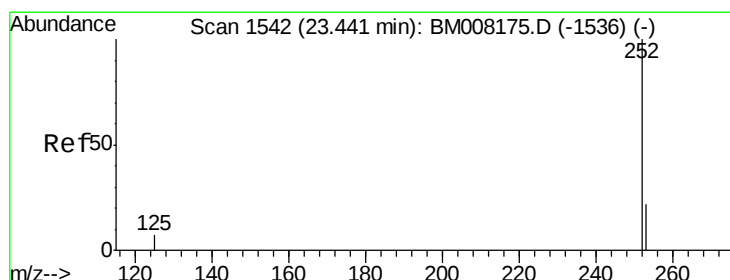
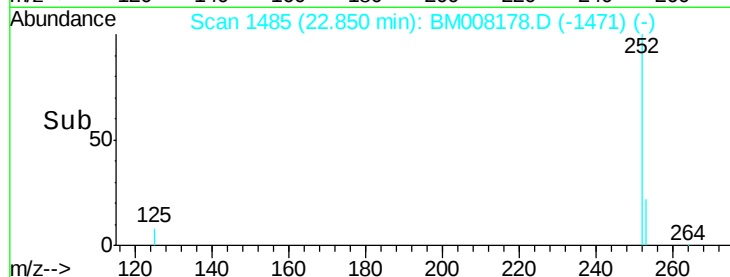
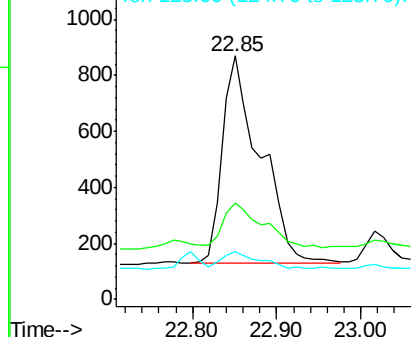


Abundance

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



#23

Benzo(a)pyrene

Concen: 0.18 ng/ul

RT: 23.42 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

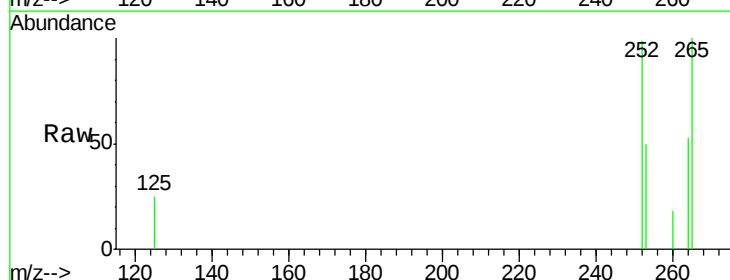
Tgt Ion: 252 Resp: 1049

Ion Ratio Lower Upper

252 100

253 50.9 28.5 42.7#

125 25.3 18.1 27.1

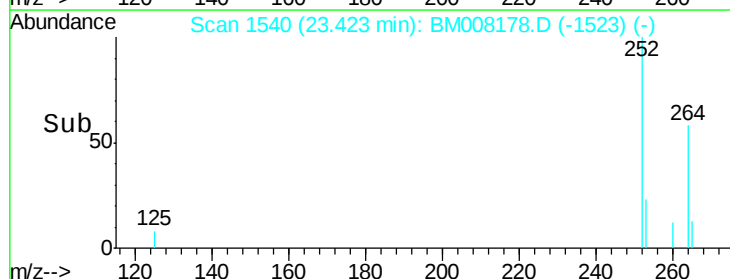
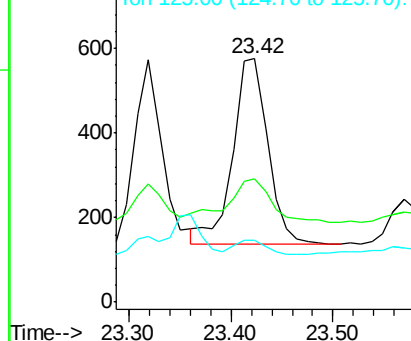


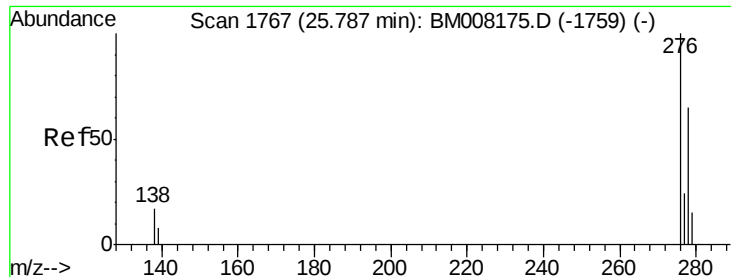
Abundance

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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.13 ng/ul

RT: 25.78 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

Instrument :

BNA_M

ClientSampleId :

A4WH6DL

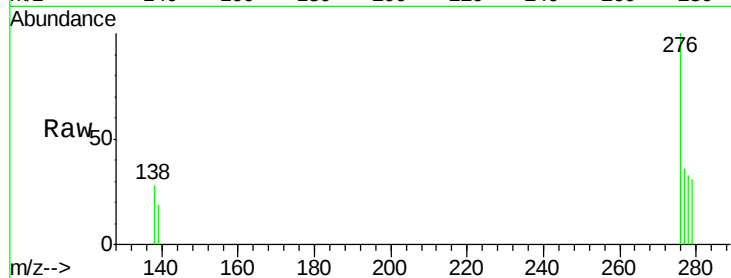
Tgt Ion:276 Resp: 946

Ion Ratio Lower Upper

276 100

138 14.3 19.1 28.7#

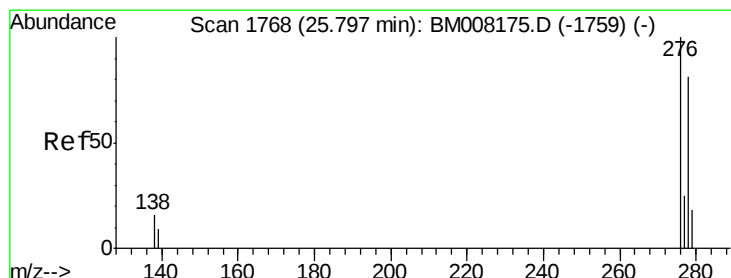
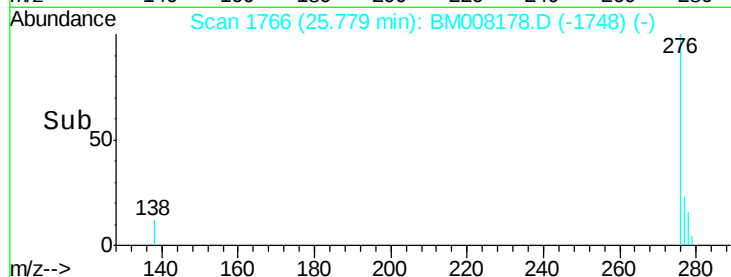
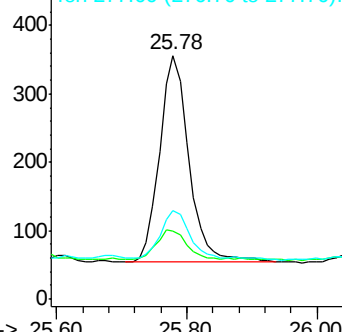
277 22.6 19.6 29.4



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



#25

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 25.78 min Scan# 1766

Delta R.T. -0.02 min

Lab File: BM008178.D

Acq: 03 Dec 2016 04:10

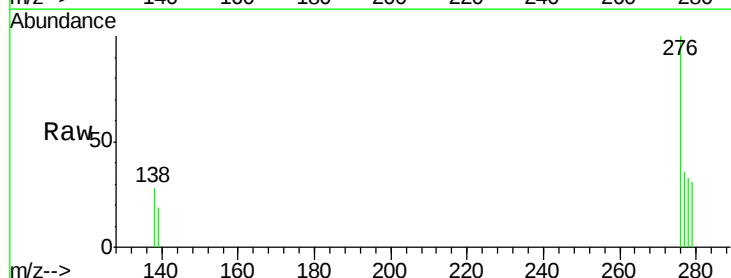
Tgt Ion:278 Resp: 214

Ion Ratio Lower Upper

278 100

139 55.5 17.4 26.0#

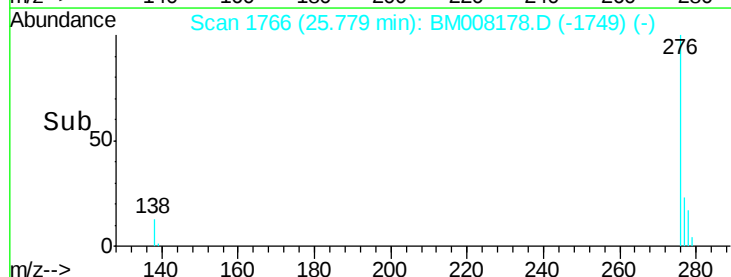
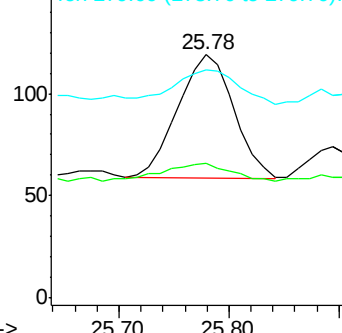
279 94.1 25.9 38.9#

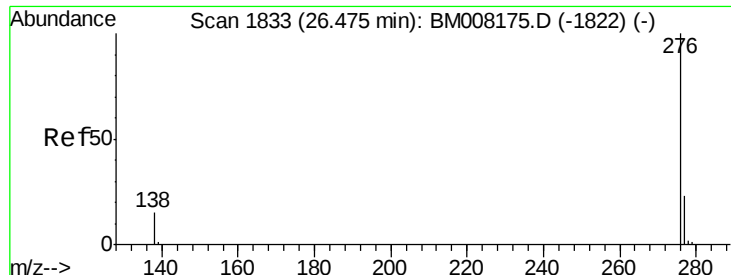


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.11 ng/ul

RT: 26.47 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM008178.D

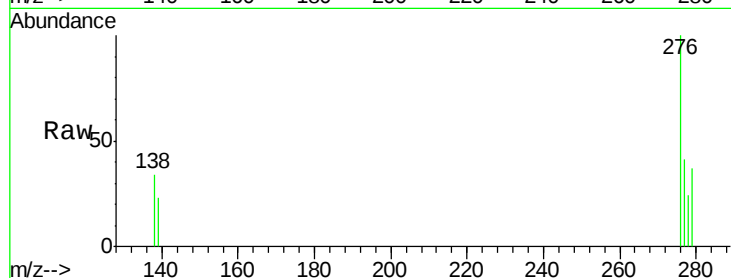
Acq: 03 Dec 2016 04:10

Instrument :

BNA_M

ClientSampleId :

A4WH6DL



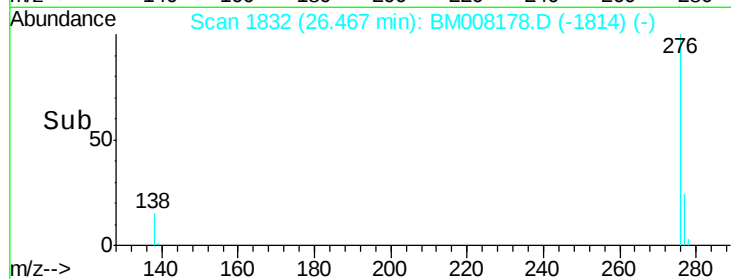
Tgt Ion: 276 Resp: 707

Ion Ratio Lower Upper

276 100

277 41.1 21.8 32.8#

138 34.1 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

