

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002299.D
 Acq On : 09 Aug 2015 05:10
 Operator : TP/UM
 Sample : G3161-14RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C59RE

Quant Time: Aug 09 06:19:49 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 06:16:29 2015
 Response via : Initial Calibration

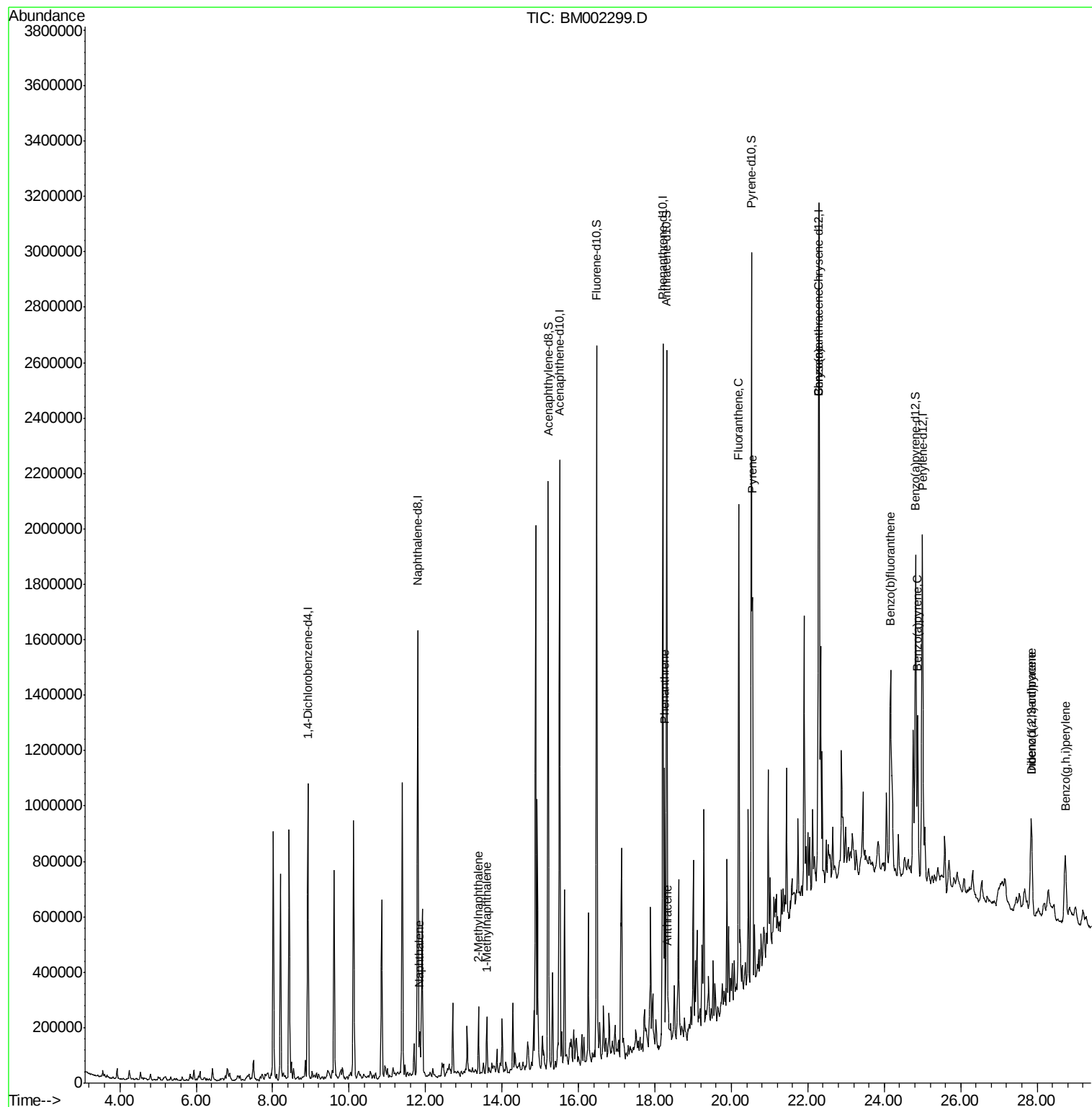
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	300460	20.00	ng/ul	0.00
2) Naphthalene-d8	11.79	136	1433368	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	740526	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1470833	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1185736	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1034501	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1548639	20.19	ng/ul	0.00
10) Fluorene-d10	16.47	176	1012330	18.97	ng/ul	0.00
14) Anthracene-d10	18.31	188	1431126	20.05	ng/ul	0.00
18) Pyrene-d10	20.53	212	1301021	22.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	964642	17.56	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.85	128	130883	1.73	ng/ul	98
4) 2-Methylnaphthalene	13.39	142	111715	2.07	ng/ul	98
5) 1-Methylnaphthalene	13.60	142	94758	1.78	ng/ul	99
13) Phenanthrene	18.25	178	585129	6.91	ng/ul	100
15) Anthracene	18.34	178	102836	1.18	ng/ul	99
16) Fluoranthene	20.19	202	1061586	11.33	ng/ul	97
19) Pyrene	20.55	202	865012	11.28	ng/ul	99
20) Benzo(a)anthracene	22.27	228	487870	6.74	ng/ul	98
21) Chrysene	22.27	228	484291	7.06	ng/ul	95
23) Benzo(b)fluoranthene	24.16	252	744382	11.58	ng/ul	97
26) Benzo(a)pyrene	24.87	252	463116	7.53	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.84	276	351647	4.99	ng/ul	94
28) Dibenzo(a,h)anthracene	27.84	278	96690	1.62	ng/ul#	81
29) Benzo(g,h,i)perylene	28.73	276	323343	5.43	ng/ul	97

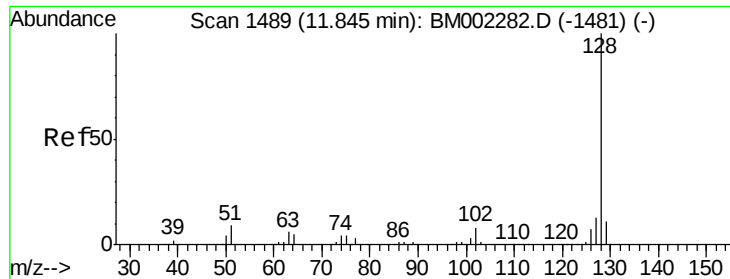
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002299.D
Acq On : 09 Aug 2015 05:10
Operator : TP/UM
Sample : G3161-14RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C59RE

Quant Time: Aug 09 06:19:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 06:16:29 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.73 ng/ul

RT: 11.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

D9C59RE

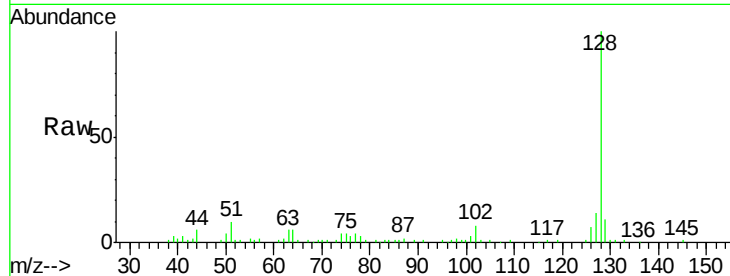
Tgt Ion:128 Resp: 130883

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

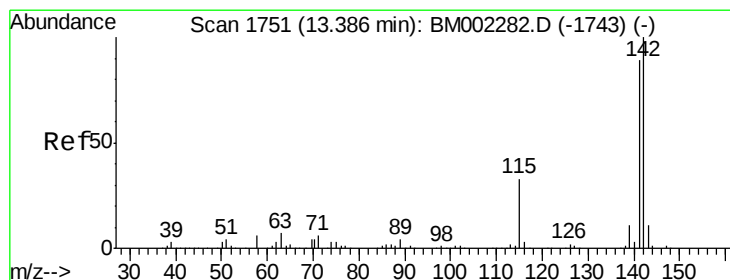
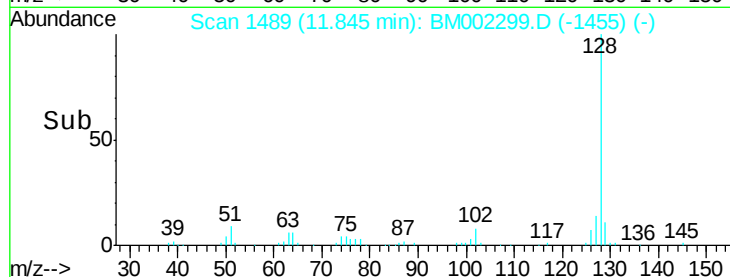
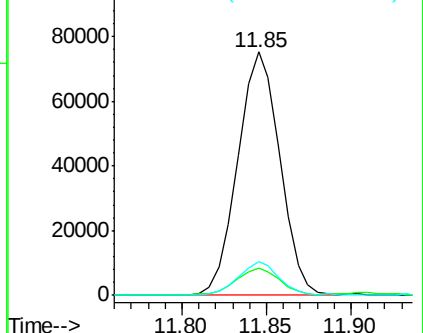
127 13.6 10.4 15.6



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



#4

2-Methylnaphthalene

Concen: 2.07 ng/ul

RT: 13.39 min Scan# 1751

Delta R.T. 0.00 min

Lab File: BM002299.D

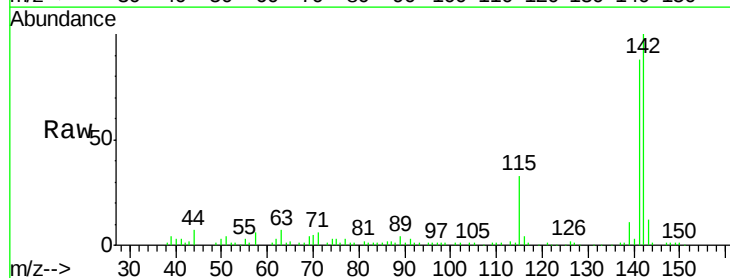
Acq: 09 Aug 2015 05:10

Tgt Ion:142 Resp: 111715

Ion Ratio Lower Upper

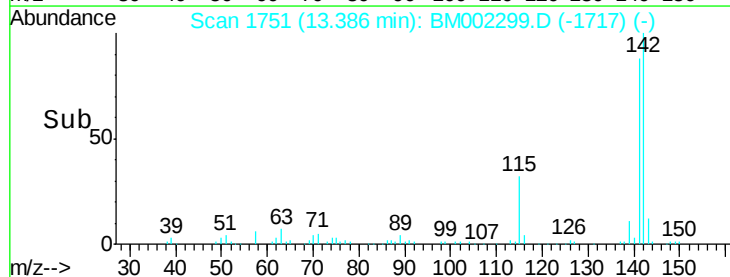
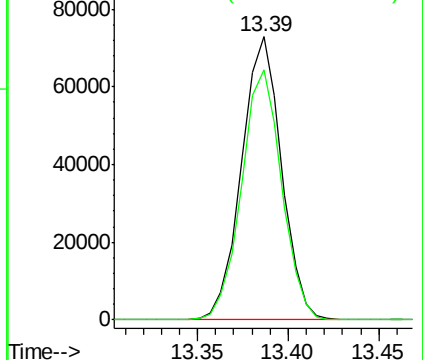
142 100

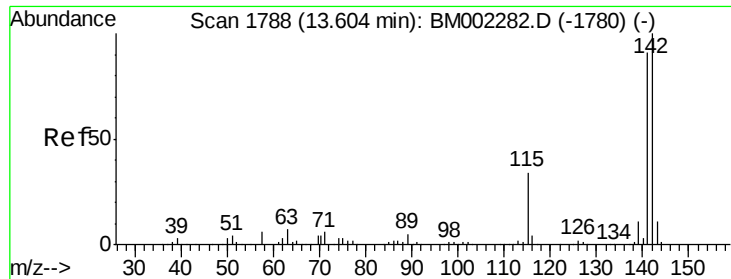
141 88.3 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 1.78 ng/ul

RT: 13.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

D9C59RE

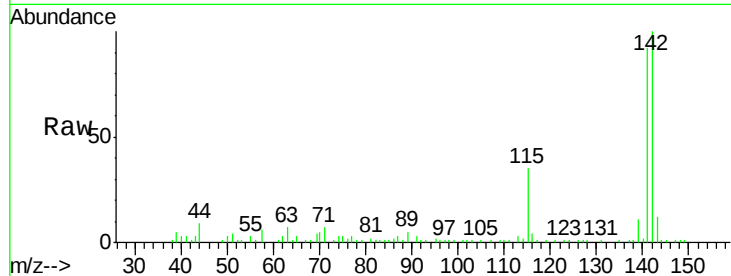
Tgt Ion:142 Resp: 94758

Ion Ratio Lower Upper

142 100

141 92.0 74.5 111.7

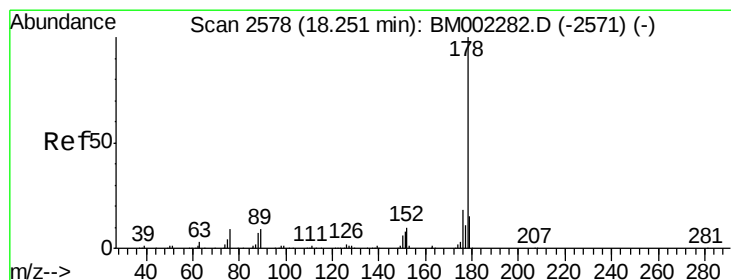
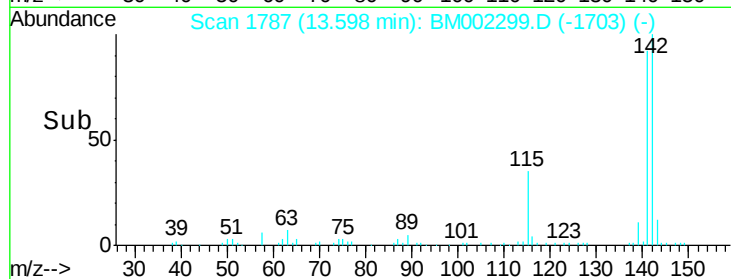
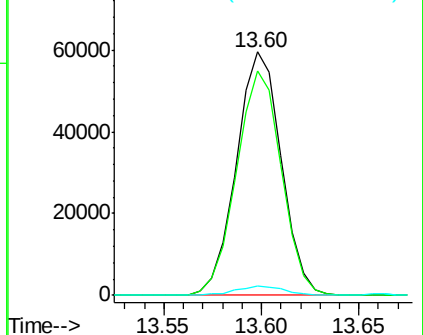
116 3.7 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#13

Phenanthrene

Concen: 6.91 ng/ul

RT: 18.25 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

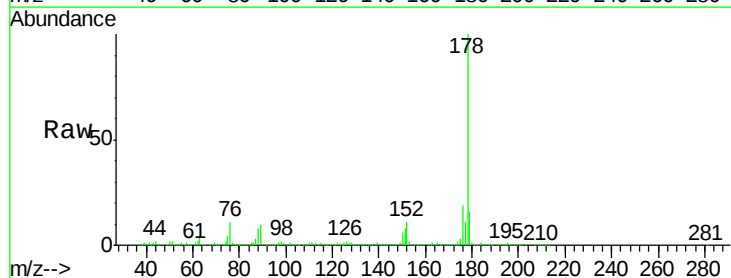
Tgt Ion:178 Resp: 585129

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

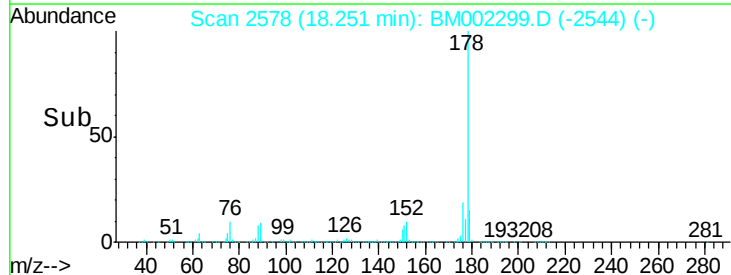
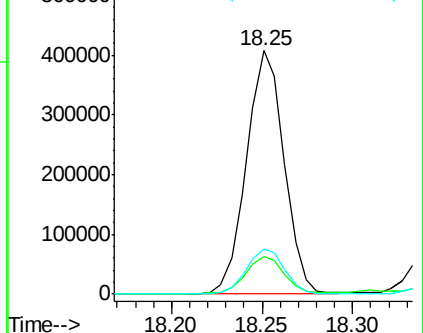
176 18.8 15.3 22.9

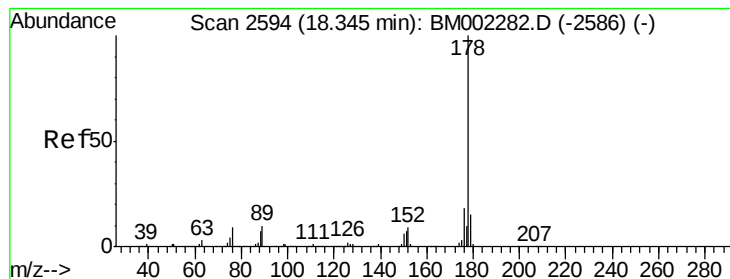


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.18 ng/ul

RT: 18.34 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

D9C59RE

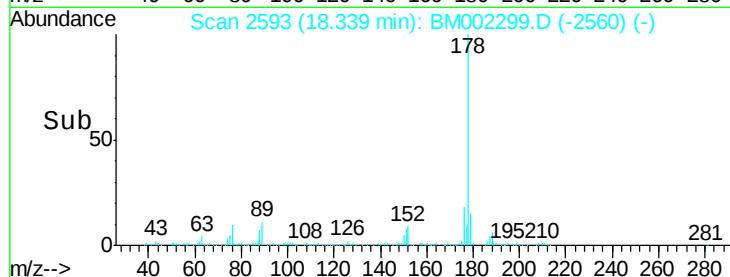
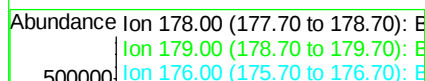
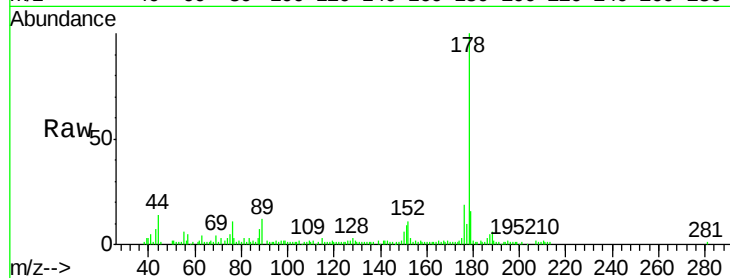
Tgt Ion:178 Resp: 102836

Ion Ratio Lower Upper

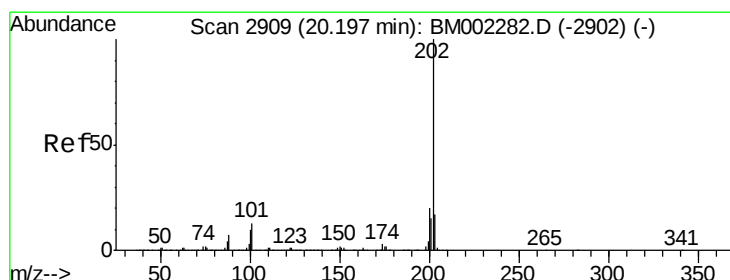
178 100

179 15.9 12.3 18.5

176 18.6 14.5 21.7



Time-->



#16

Fluoranthene

Concen: 11.33 ng/ul

RT: 20.19 min Scan# 2908

Delta R.T. -0.01 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

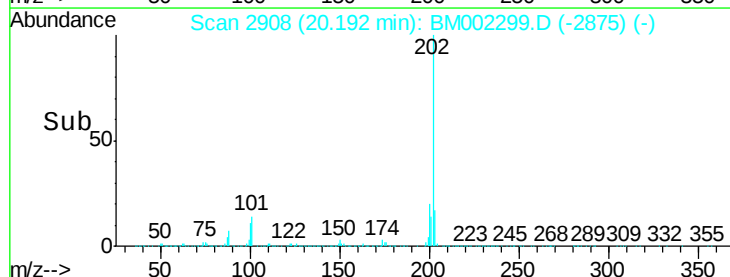
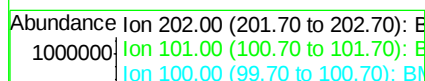
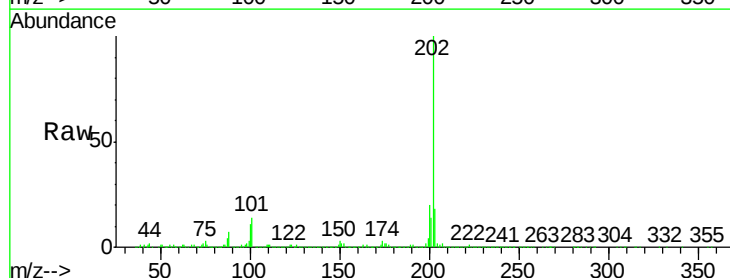
Tgt Ion:202 Resp: 1061586

Ion Ratio Lower Upper

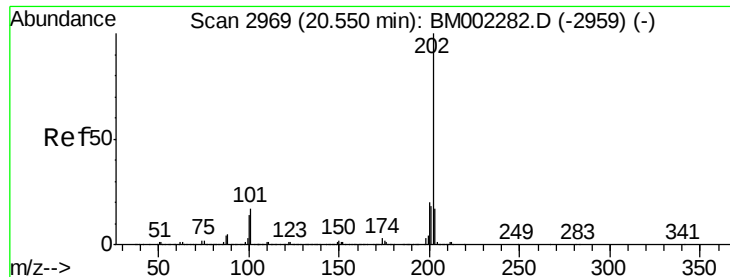
202 100

101 14.4 10.6 15.8

100 11.2 8.2 12.4



Time-->



#19

Pyrene

Concen: 11.28 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

D9C59RE

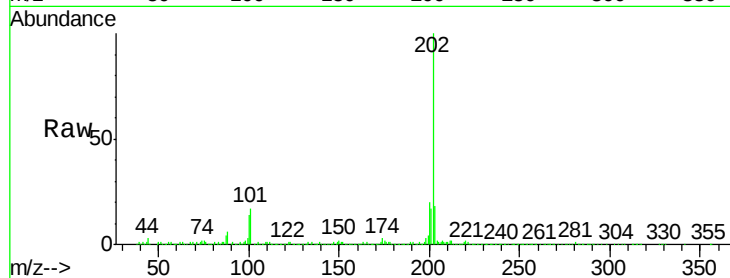
Tgt Ion:202 Resp: 865012

Ion Ratio Lower Upper

202 100

101 16.7 13.0 19.6

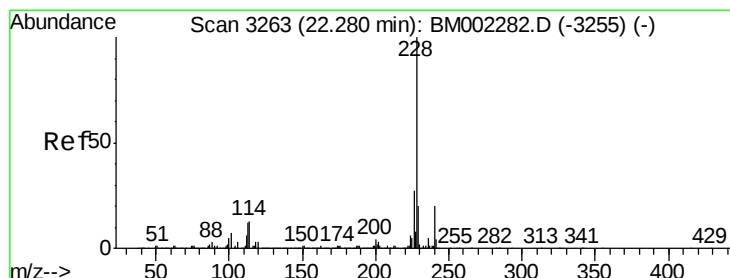
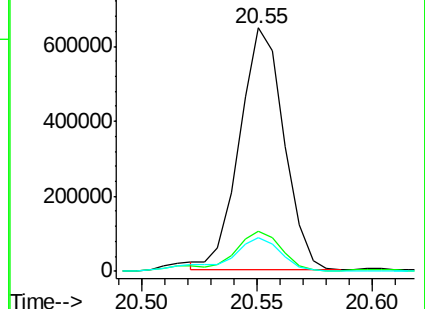
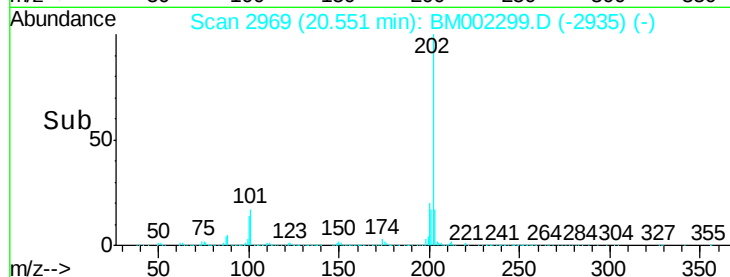
100 14.0 11.0 16.4



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: 6.74 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.01 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

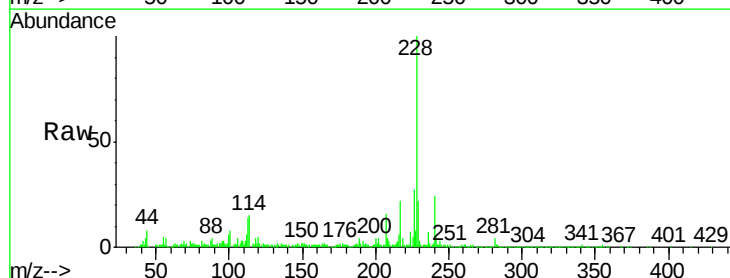
Tgt Ion:228 Resp: 487870

Ion Ratio Lower Upper

228 100

229 22.0 15.7 23.5

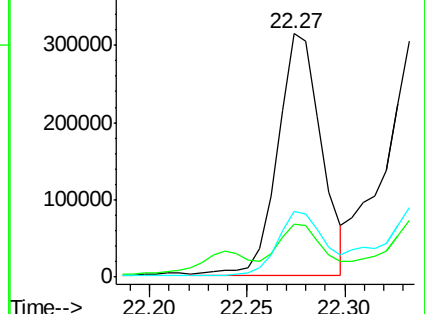
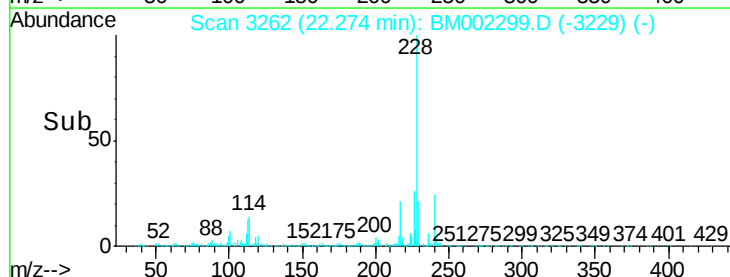
226 26.8 21.4 32.0

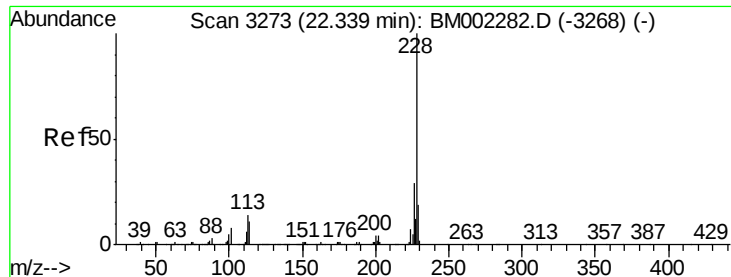


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 7.06 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.06 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

D9C59RE

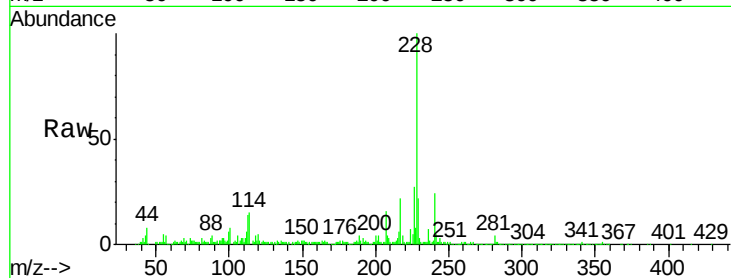
Tgt Ion: 228 Resp: 484291

Ion Ratio Lower Upper

228 100

226 26.8 23.4 35.0

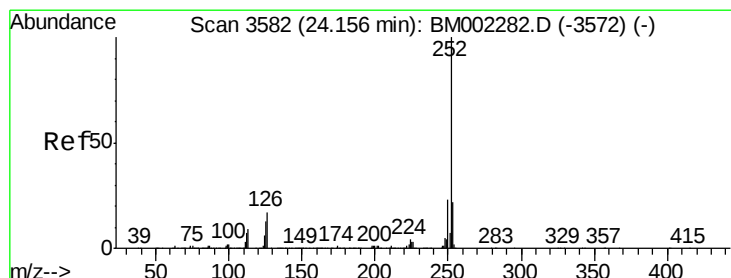
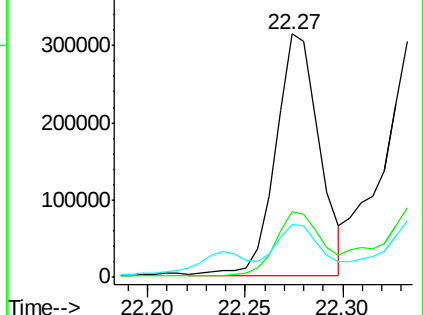
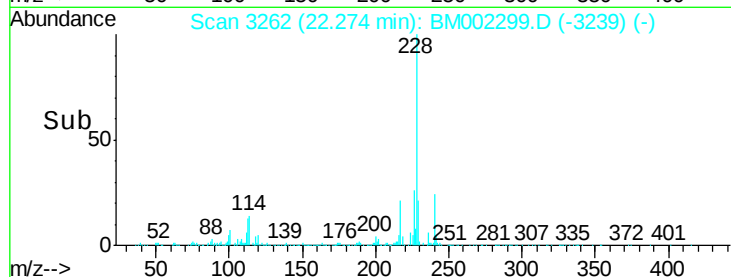
229 22.0 15.5 23.3



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: 11.58 ng/ul

RT: 24.16 min Scan# 3583

Delta R.T. 0.01 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

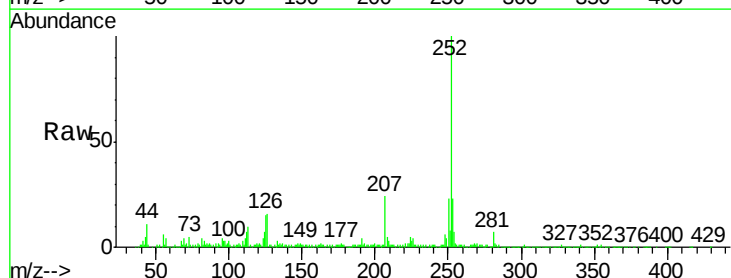
Tgt Ion: 252 Resp: 744382

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

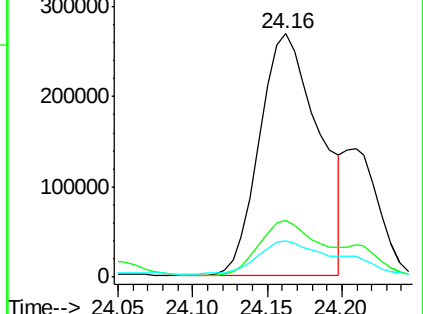
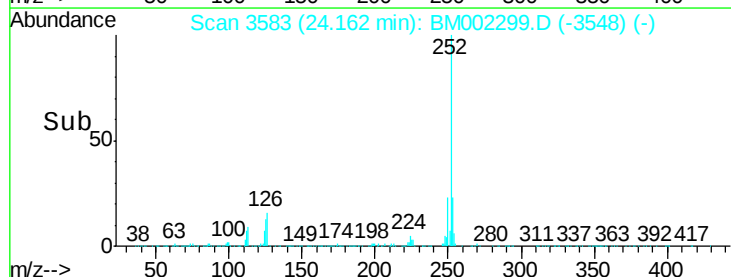
125 14.7 10.3 15.5

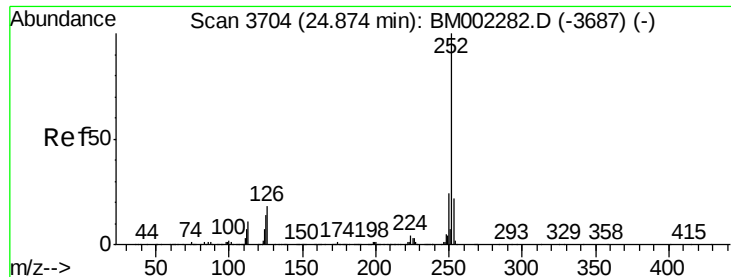


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 7.53 ng/ul

RT: 24.87 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

Instrument :

BNA_M

ClientSampleId :

D9C59RE

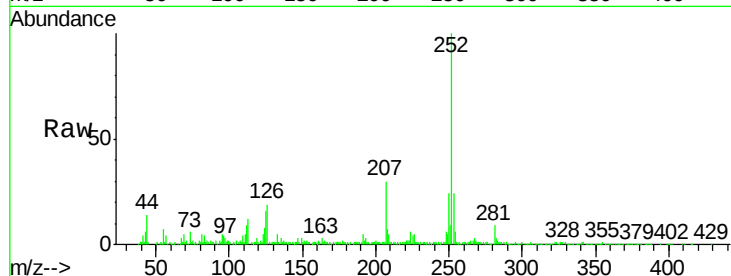
Tgt Ion:252 Resp: 463116

Ion Ratio Lower Upper

252 100

253 23.9 17.3 25.9

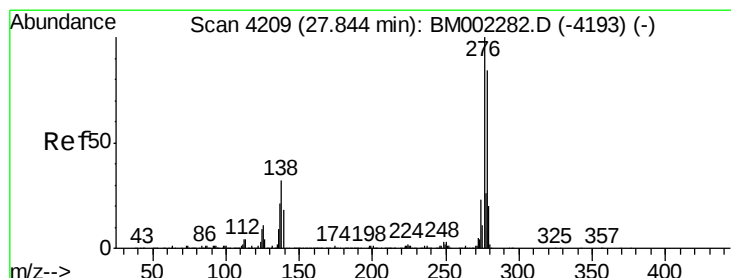
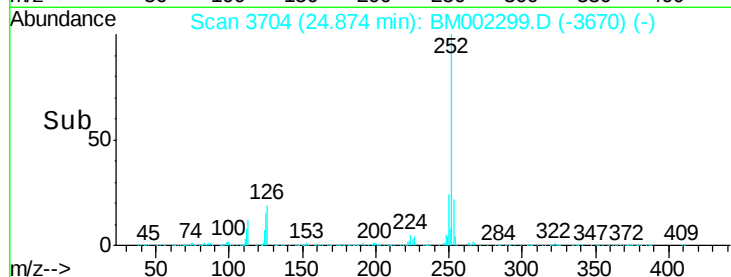
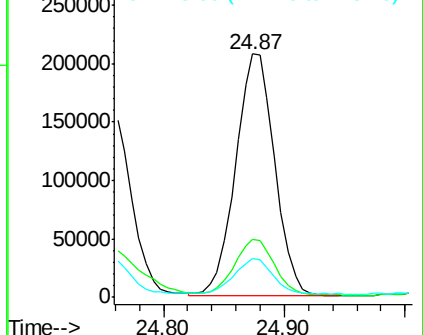
125 16.0 11.0 16.6



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: 4.99 ng/ul

RT: 27.84 min Scan# 4209

Delta R.T. 0.00 min

Lab File: BM002299.D

Acq: 09 Aug 2015 05:10

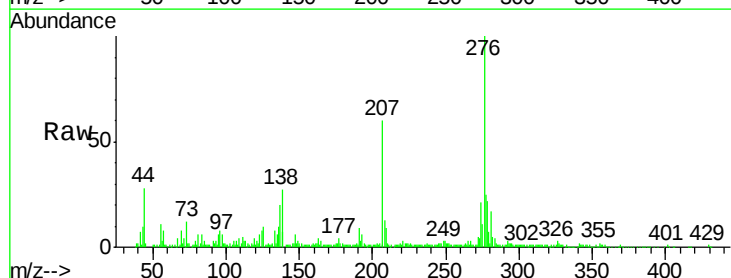
Tgt Ion:276 Resp: 351647

Ion Ratio Lower Upper

276 100

138 27.1 25.6 38.4

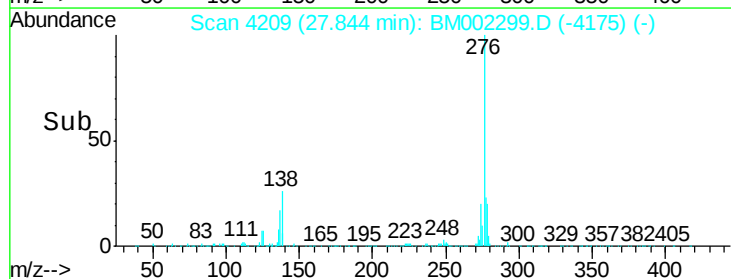
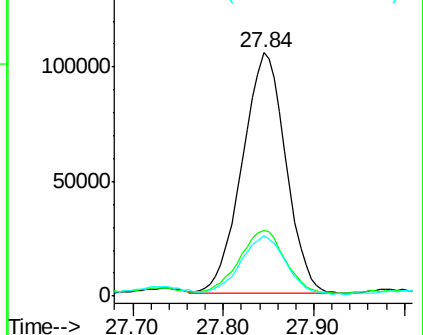
277 24.7 21.0 31.4

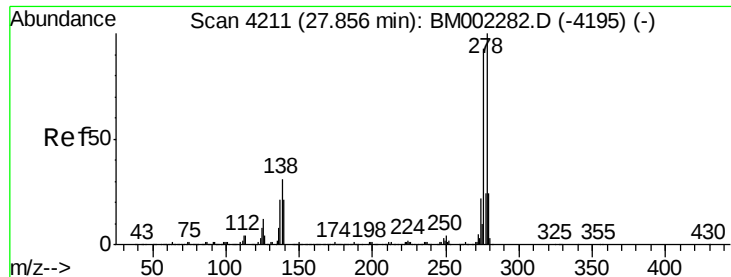


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

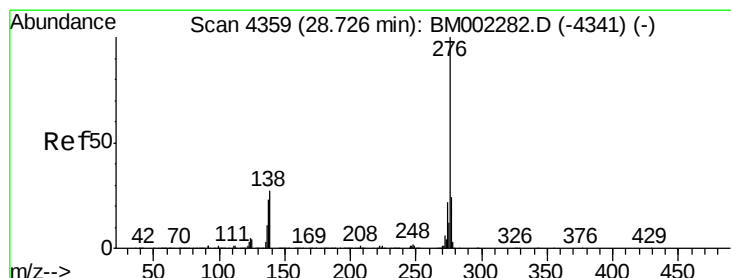
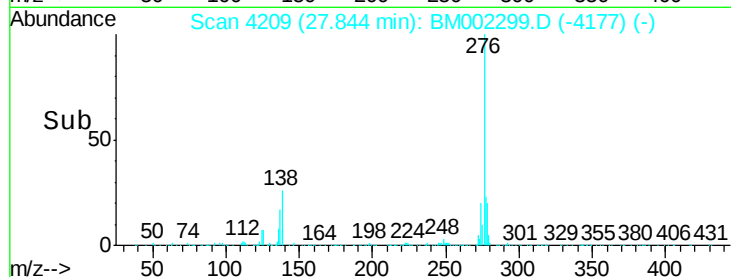
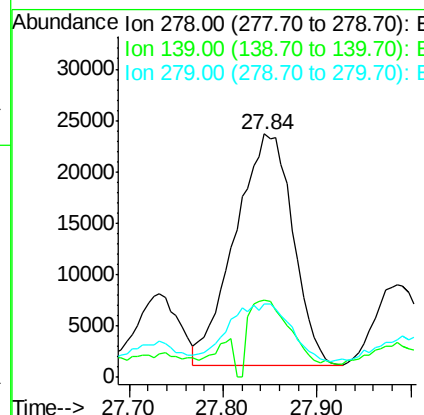
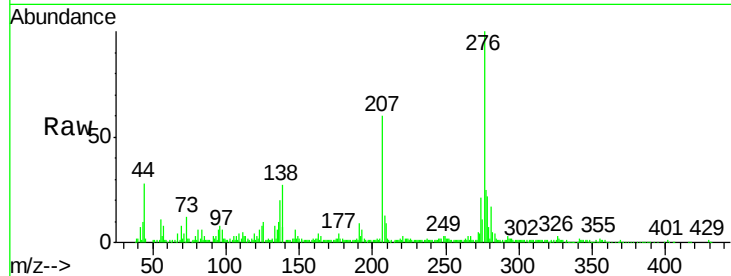




#28
Dibenzo(a,h)anthracene
Concen: 1.62 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002299.D
Acq: 09 Aug 2015 05:10

Instrument :
BNA_M
ClientSampleId :
D9C59RE

Tgt Ion:278 Resp: 96690
Ion Ratio Lower Upper
278 100
139 31.7 16.4 24.6#
279 30.3 18.8 28.2#



#29
Benzo(g,h,i)perylene
Concen: 5.43 ng/ul
RT: 28.73 min Scan# 4360
Delta R.T. 0.01 min
Lab File: BM002299.D
Acq: 09 Aug 2015 05:10

Tgt Ion:276 Resp: 323343
Ion Ratio Lower Upper
276 100
138 27.9 20.5 30.7
277 24.3 19.0 28.6

