

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
 Data File : BM004766.D
 Acq On : 25 Mar 2016 01:02
 Operator : UM/SJ
 Sample : H1909-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T46

Quant Time: Mar 25 03:06:55 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration

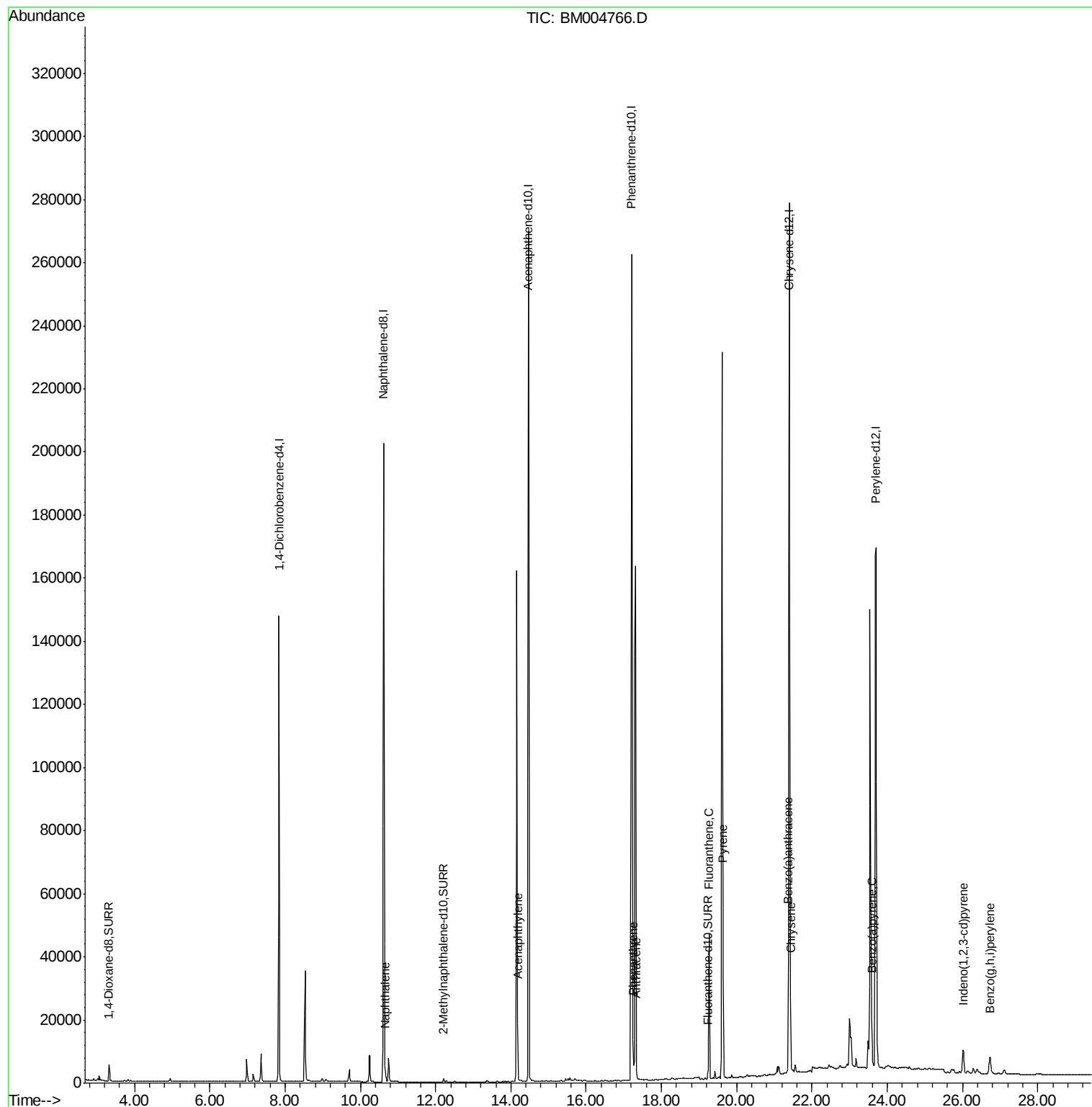
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	74582	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	301093	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	155655	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	324348	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	257648	5.00	ng/ul	-0.01
22) Perylene-d12	23.70	264	243038	5.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4037	0.11	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1535	0.00	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3236	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	2893	0.00	ng/ul#	91
9) Acenaphthylene	14.18	152	3357	0.01	ng/ul#	96
14) Phenanthrene	17.24	178	13786	0.02	ng/ul#	91
15) Anthracene	17.33	178	4342	0.01	ng/ul#	88
17) Fluoranthene	19.27	202	44981	0.05	ng/ul	95
19) Pyrene	19.63	202	39861	0.04	ng/ul	97
20) Benzo(a)anthracene	21.38	228	21047	0.03	ng/ul#	88
21) Chrysene	21.43	228	21353	0.03	ng/ul#	89
25) Benzo(a)pyrene	23.59	252	18654	0.03	ng/ul#	76
26) Indeno(1,2,3-cd)pyrene	26.02	276	11824	0.01	ng/ul#	89
28) Benzo(g,h,i)perylene	26.74	276	10697	0.01	ng/ul#	75

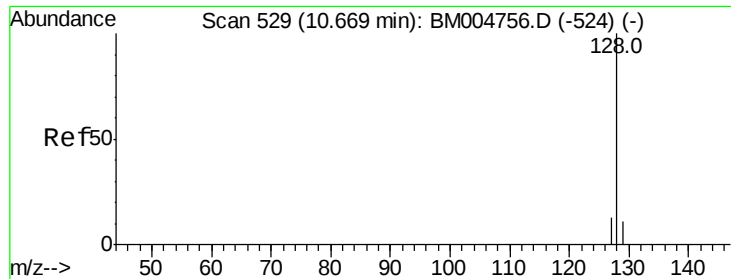
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

Instrument :

BNA_M

ClientSampleId :

A4T46

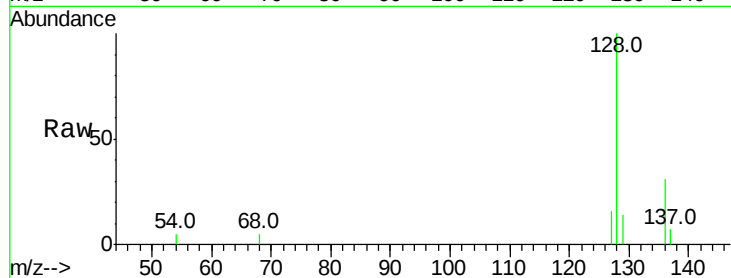
Tot Ion:128 Resp: 2893

Ion Ratio Lower Upper

128 100

129 14.1 9.0 13.6#

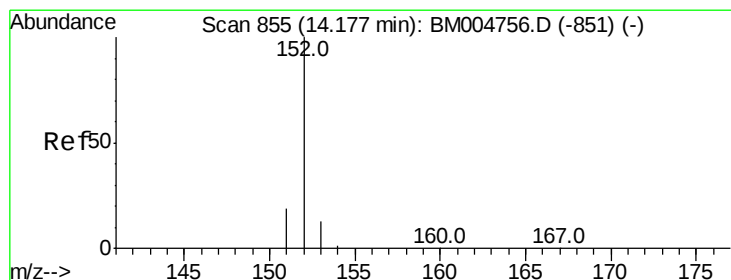
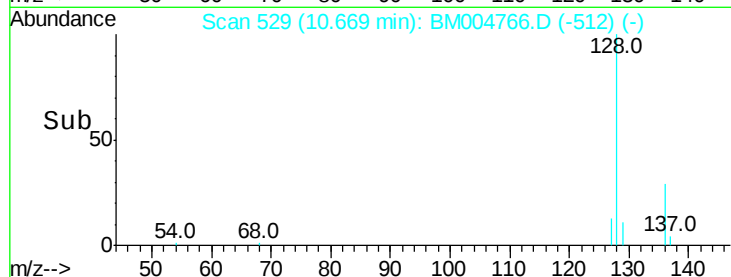
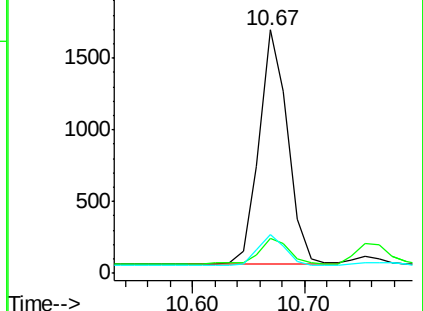
127 15.9 9.6 14.4#



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



#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

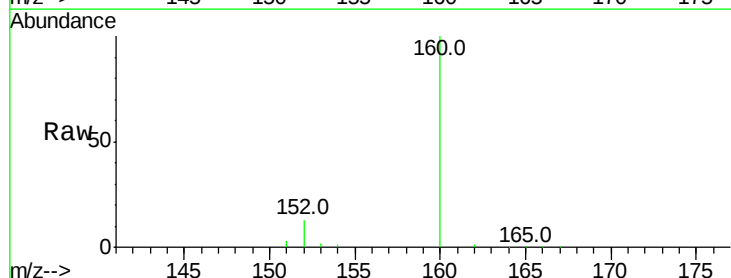
Tgt Ion:152 Resp: 3357

Ion Ratio Lower Upper

152 100

151 22.4 17.6 26.4

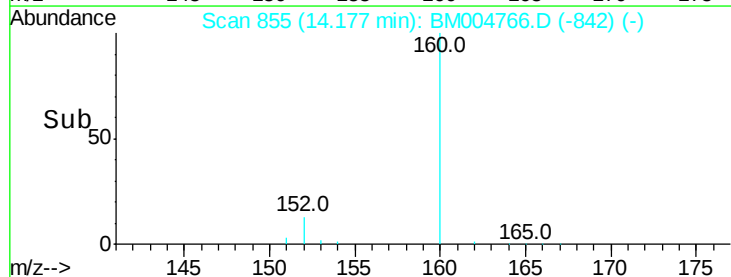
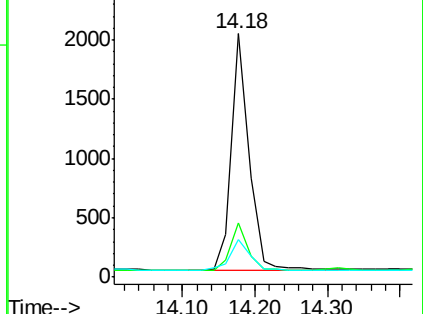
153 15.4 9.7 14.5#

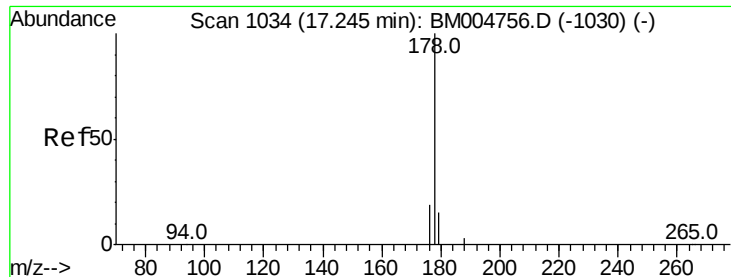


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#14

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

Instrument :

BNA_M

ClientSampleId :

A4T46

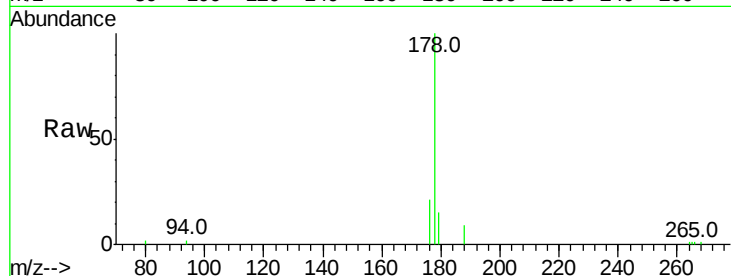
Tot Ion:178 Resp: 13786

Ion Ratio Lower Upper

178 100

176 21.4 13.0 19.4#

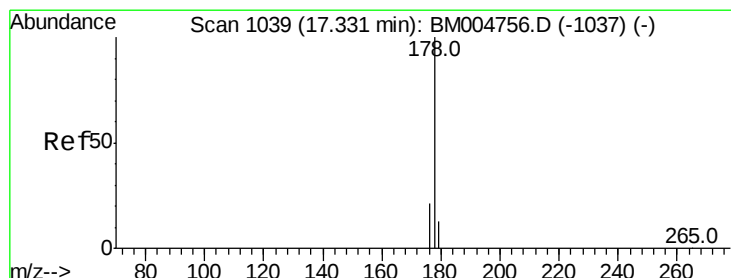
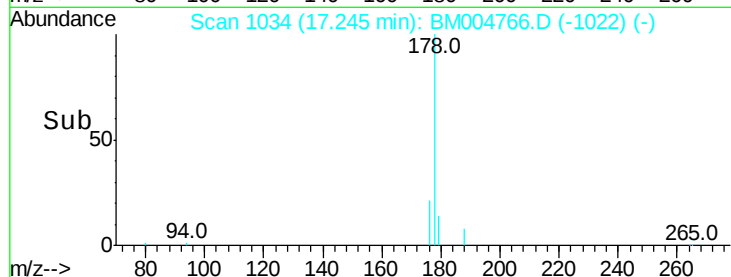
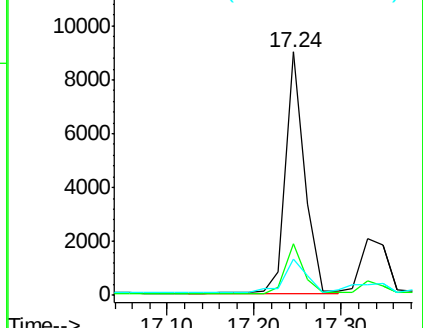
179 15.0 14.2 21.2



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

Anthracene

Concen: 0.01 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

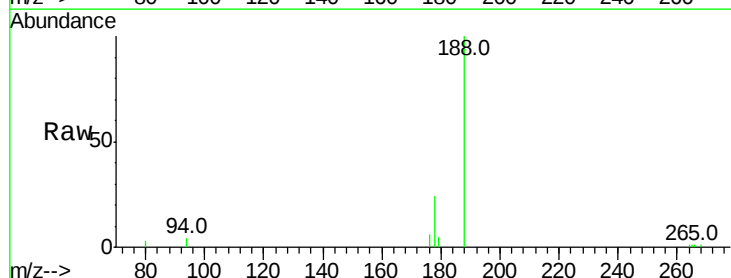
Tgt Ion:178 Resp: 4342

Ion Ratio Lower Upper

178 100

176 24.5 14.0 21.0#

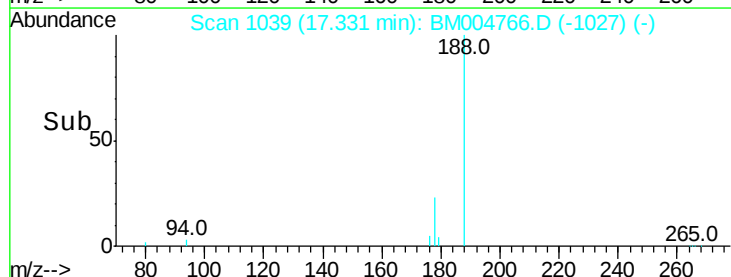
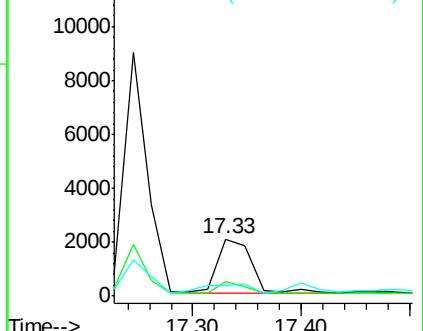
179 19.3 12.9 19.3

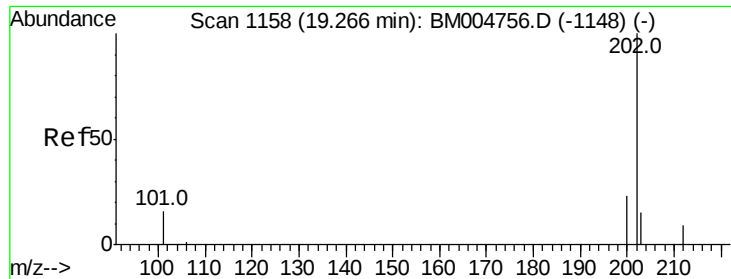


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

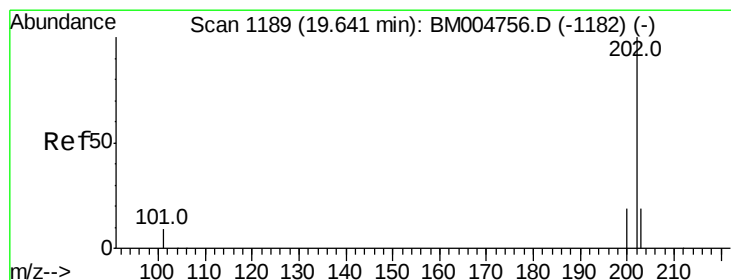
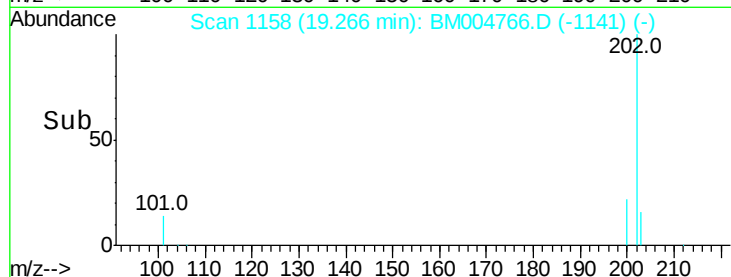
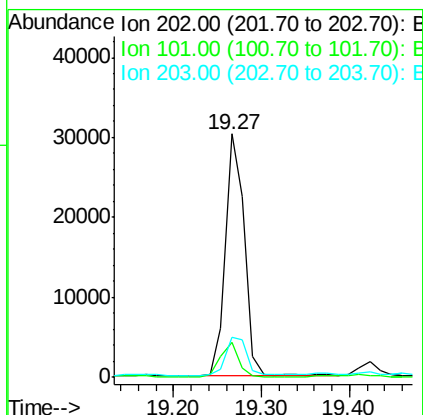
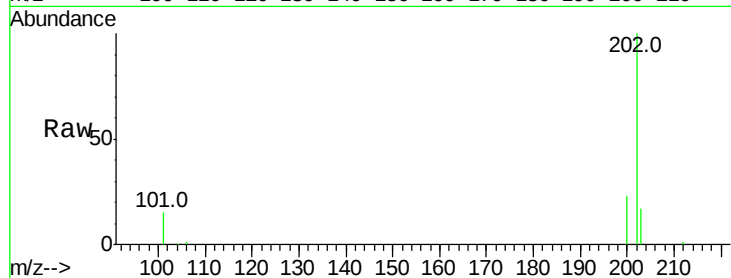




#17
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM004766.D
Acq: 25 Mar 2016 01:02

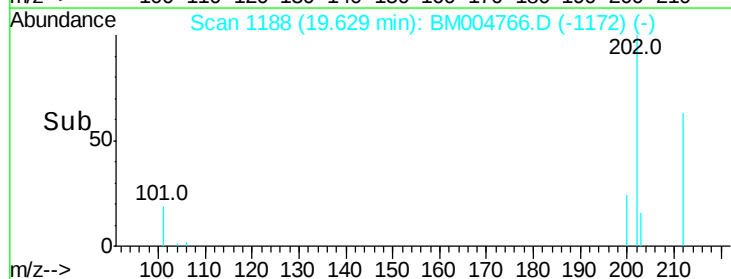
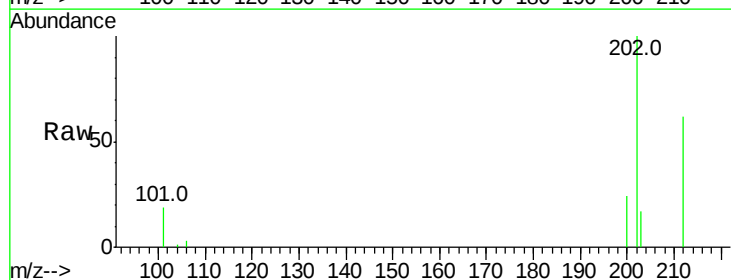
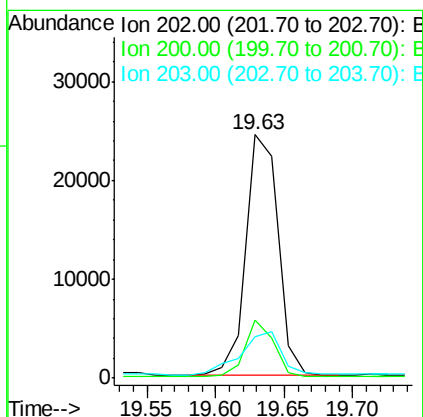
Instrument :
BNA_M
ClientSampleId :
A4T46

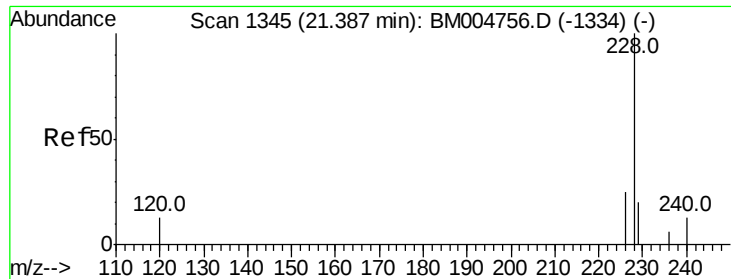
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	29.6
203	16.6	0.0	36.3



#19
Pyrene
Concen: 0.04 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004766.D
Acq: 25 Mar 2016 01:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.9	17.8	26.8
203	17.2	12.8	19.2





#20

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

Instrument :

BNA_M

ClientSampleId :

A4T46

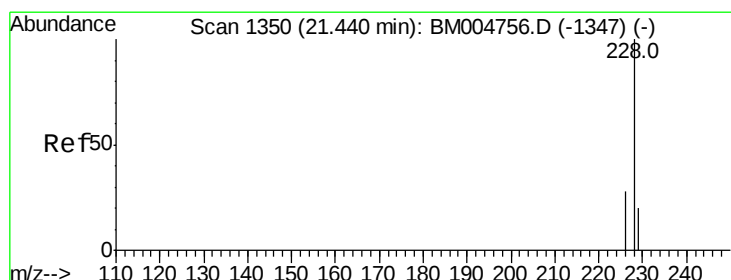
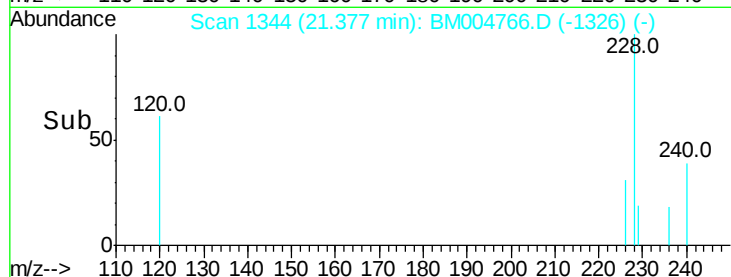
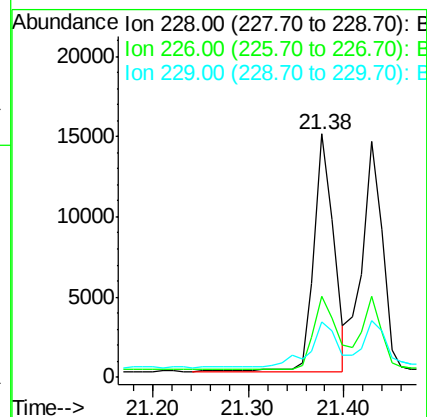
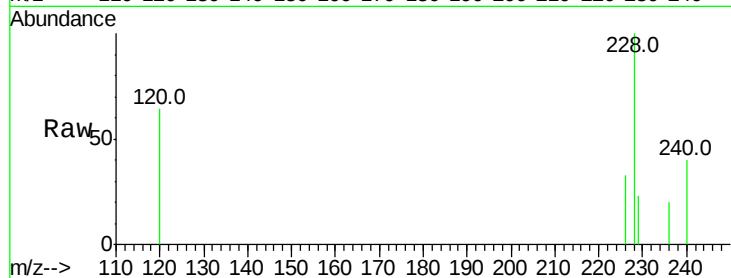
Tot Ion:228 Resp: 21047

Ion Ratio Lower Upper

228 100

226 33.3 18.8 28.2#

229 23.0 17.1 25.7



#21

Chrysene

Concen: 0.03 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

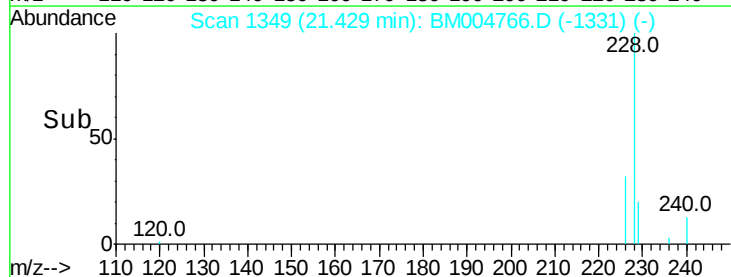
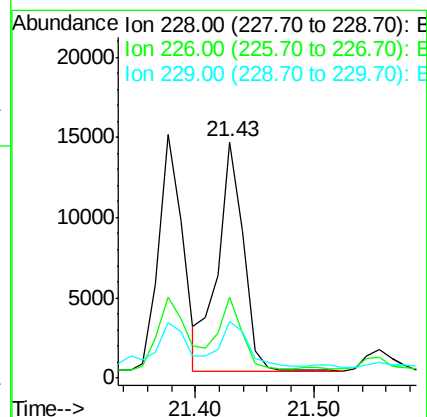
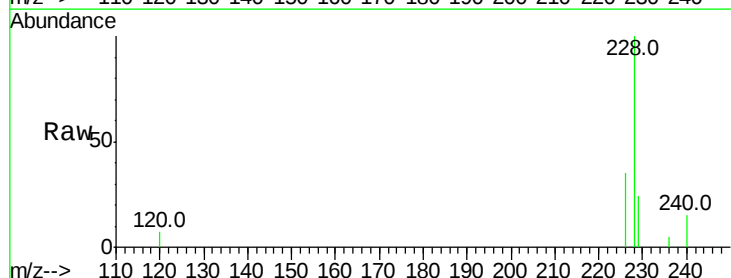
Tgt Ion:228 Resp: 21353

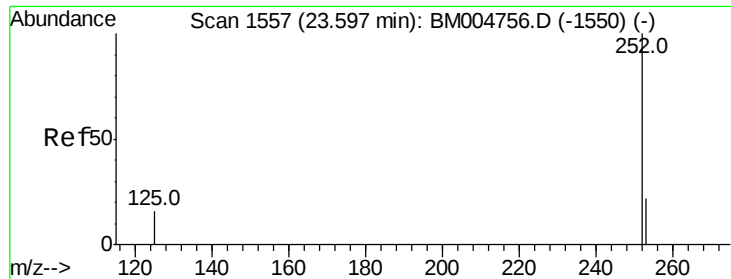
Ion Ratio Lower Upper

228 100

226 34.6 21.2 31.8#

229 23.8 17.0 25.6





#25

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.59 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

Instrument :

BNA_M

ClientSampleId :

A4T46

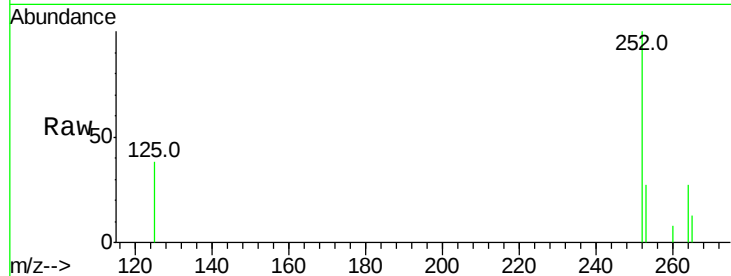
Tot Ion:252 Resp: 18654

Ion Ratio Lower Upper

252 100

253 27.0 19.4 29.2

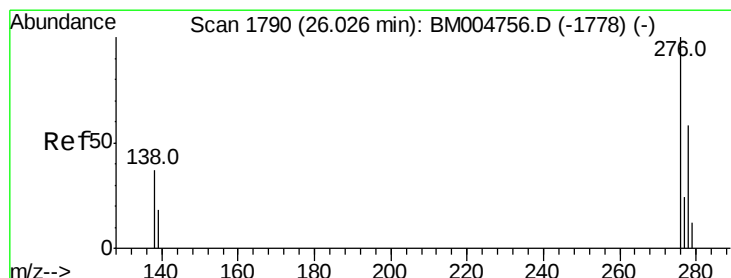
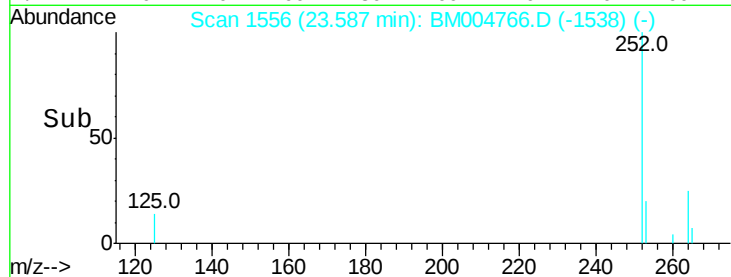
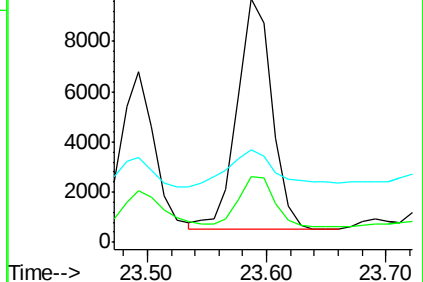
125 38.2 12.7 19.1#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 26.02 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

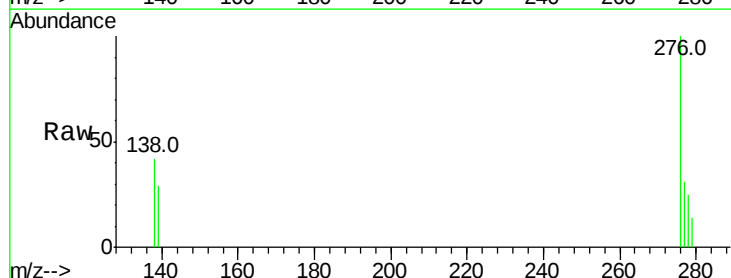
Tgt Ion:276 Resp: 11824

Ion Ratio Lower Upper

276 100

138 30.7 16.3 24.5#

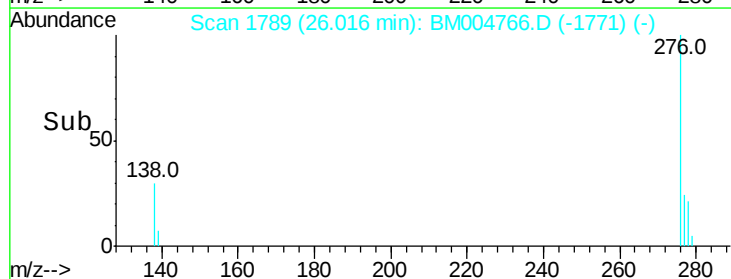
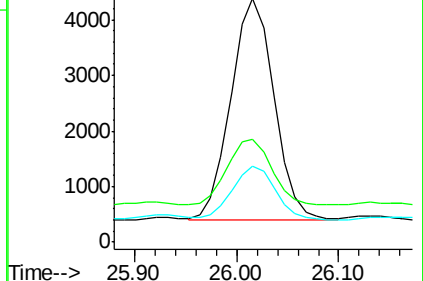
277 24.1 19.8 29.8

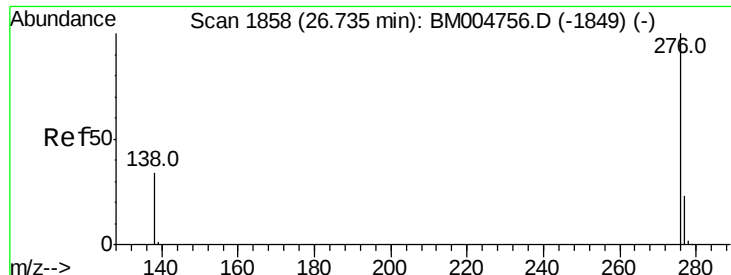


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.74 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM004766.D

Acq: 25 Mar 2016 01:02

Instrument :

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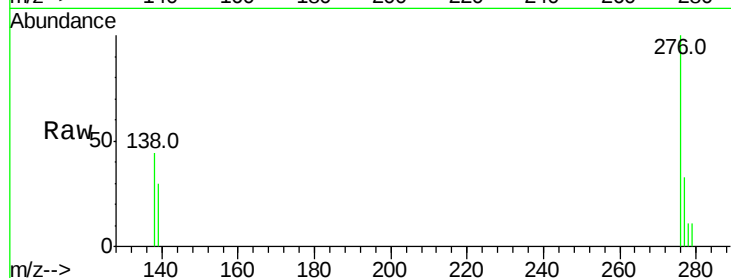
Tot Ion:276 Resp: 10697

Ion Ratio Lower Upper

276 100

277 32.7 18.9 28.3#

138 44.5 22.5 33.7#



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

