

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009579.D
 Acq On : 06 Apr 2017 03:57
 Operator : SJ/MA
 Sample : I2524-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB360

Quant Time: Apr 06 04:51:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	176658	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	691613	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	386942	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	898027	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1200696	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1157390	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.25	165	195033	18.34	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	742247	19.57	ng/ul	0.00
10) Fluorene-d10	15.48	176	554002	20.31	ng/ul	0.00
15) Anthracene-d10	17.23	188	898027	20.90	ng/ul	-0.10
19) Pyrene-d10	19.63	212	1037731	21.03	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1125025	22.02	ng/ul	0.00

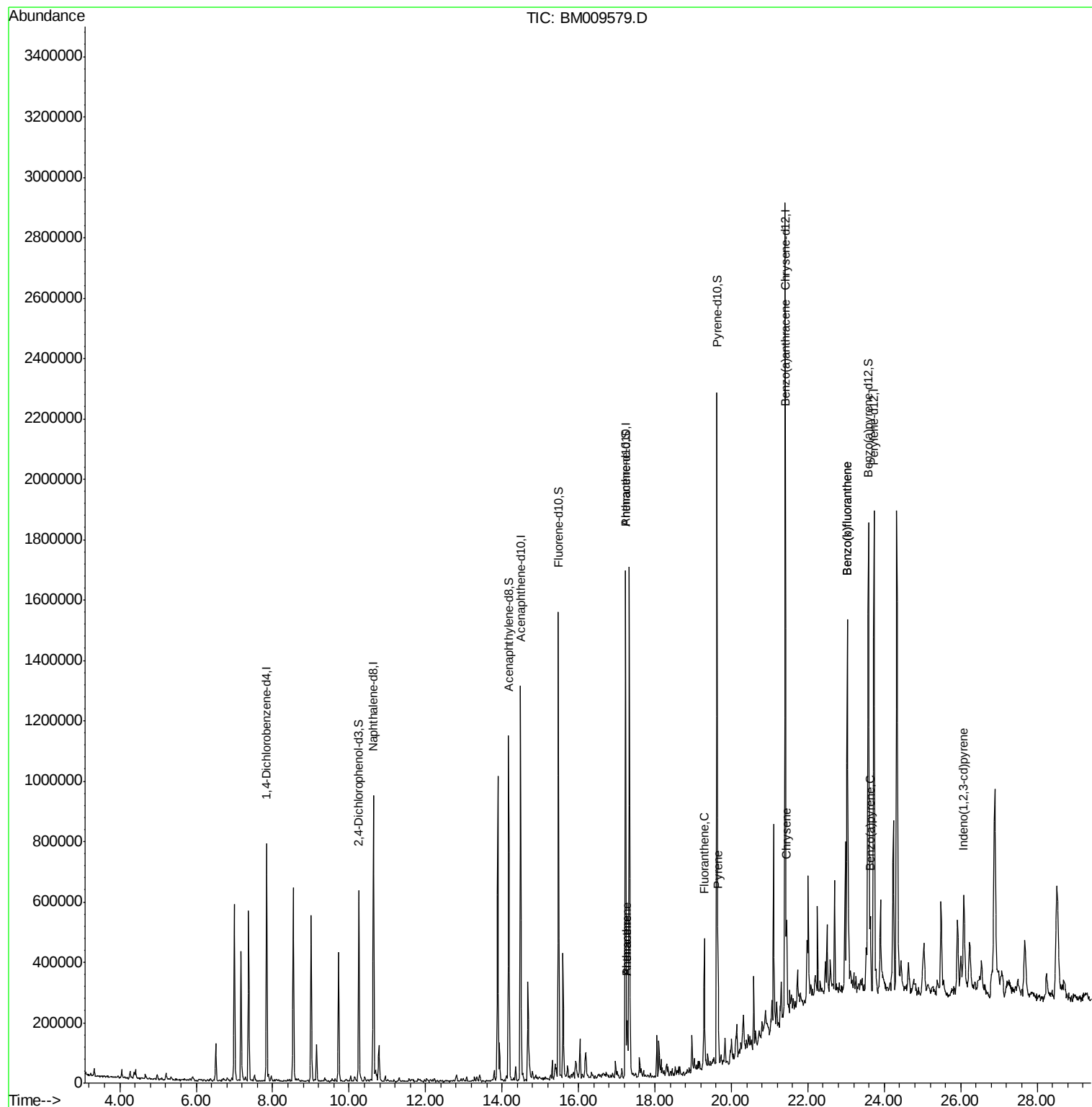
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.27	178	100287	1.99	ng/ul	99
16) Anthracene	17.27	178	100287	1.92	ng/ul	98
17) Fluoranthene	19.29	202	246463	3.92	ng/ul	99
20) Pyrene	19.66	202	226541	3.47	ng/ul#	94
21) Benzo(a)anthracene	21.40	228	143944	2.12	ng/ul	98
22) Chrysene	21.44	228	153063	2.46	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	236547	3.30	ng/ul#	89
25) Benzo(k)fluoranthene	23.03	252	236547	3.47	ng/ul#	89
27) Benzo(a)pyrene	23.63	252	142884	2.10	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.09	276	107797	1.41	ng/ul#	93

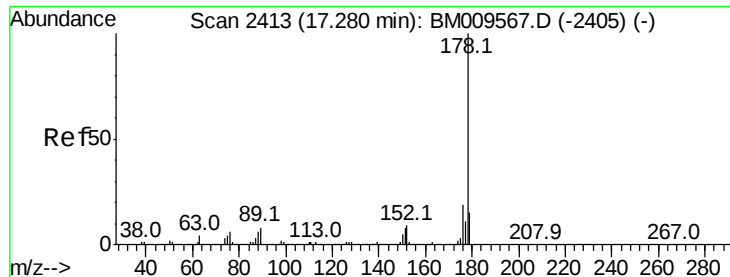
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009579.D
Acq On : 06 Apr 2017 03:57
Operator : SJ/MA
Sample : I2524-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB360

Quant Time: Apr 06 04:51:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration





#14

Phenanthrene

Concen: 1.99 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM009579.D

Acq: 06 Apr 2017 03:57

Instrument :

BNA_M

ClientSampleId :

CB360

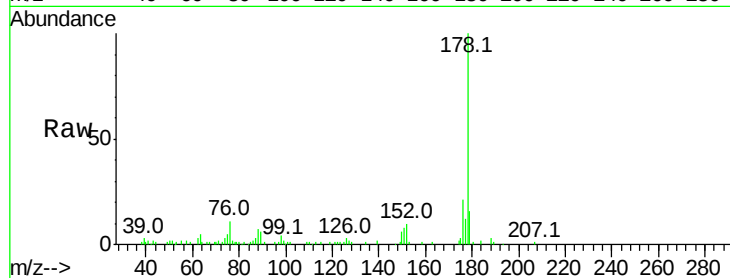
Tot Ion:178 Resp: 100287

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

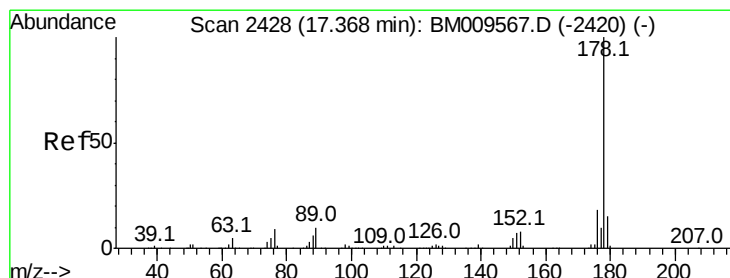
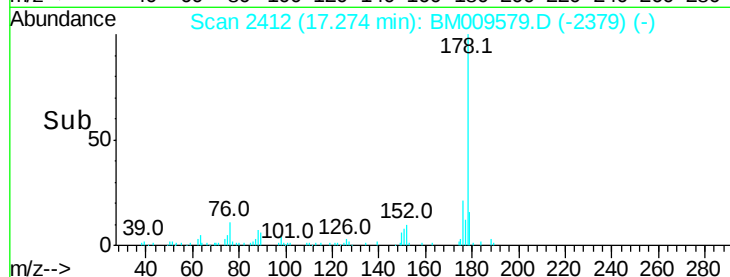
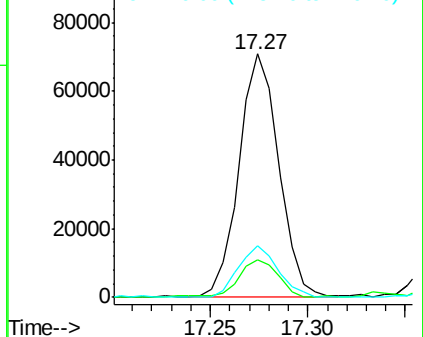
176 21.1 16.4 24.6



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

Anthracene

Concen: 1.92 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.09 min

Lab File: BM009579.D

Acq: 06 Apr 2017 03:57

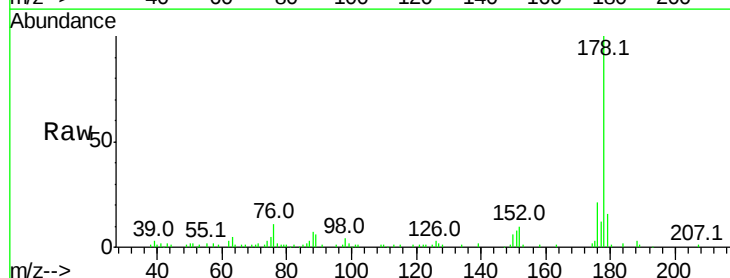
Tgt Ion:178 Resp: 100287

Ion Ratio Lower Upper

178 100

179 15.7 12.7 19.1

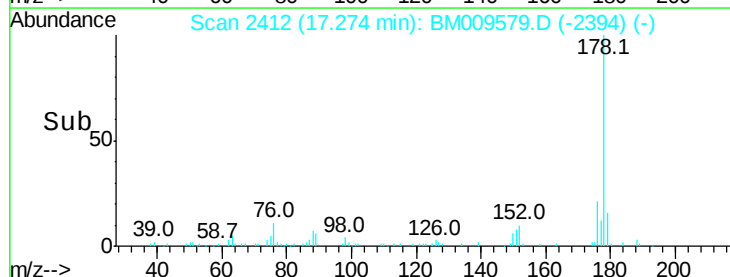
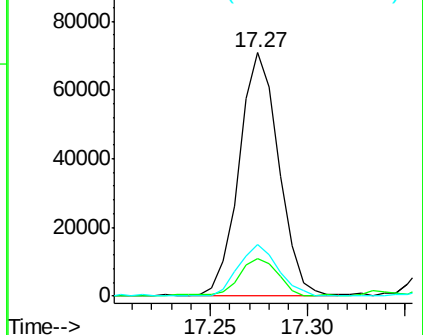
176 21.1 15.8 23.8

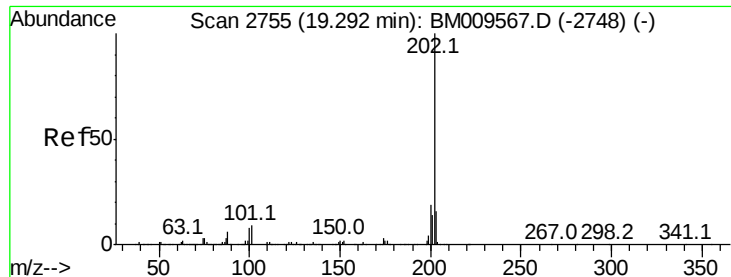


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

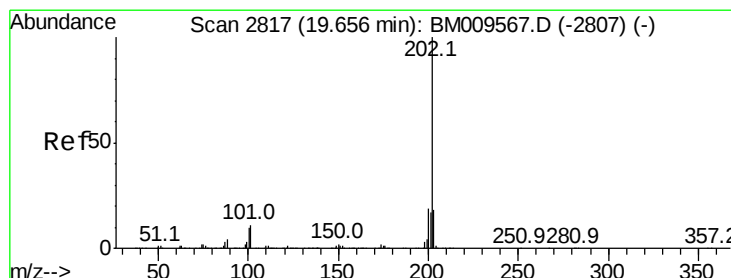
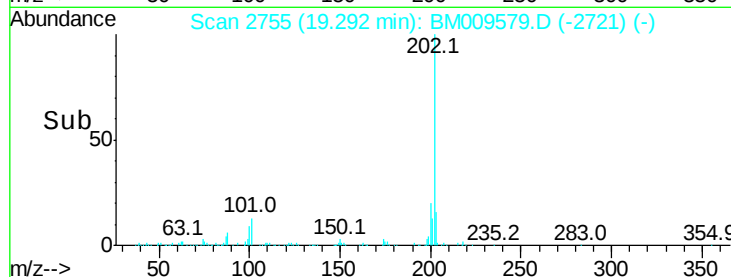
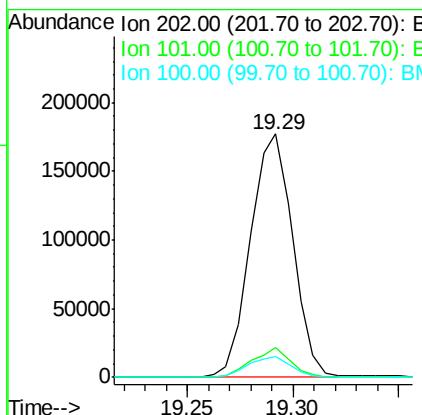
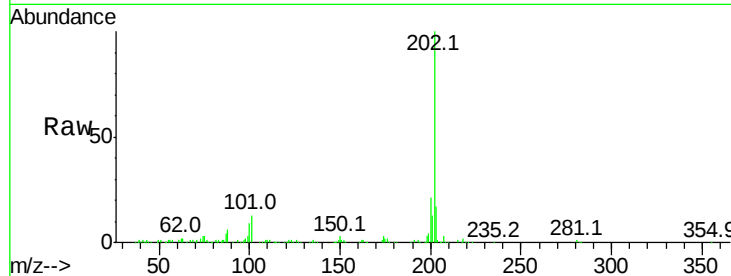




#17
Fluoranthene
 Concen: 3.92 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009579.D
 Acq: 06 Apr 2017 03:57

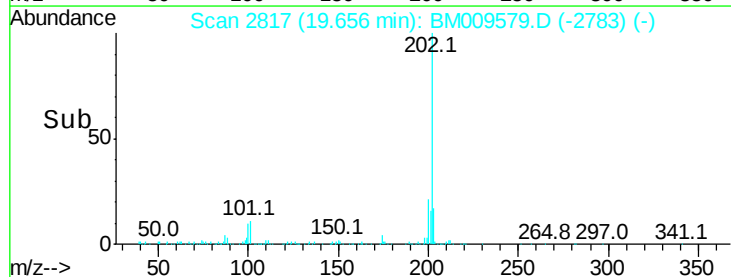
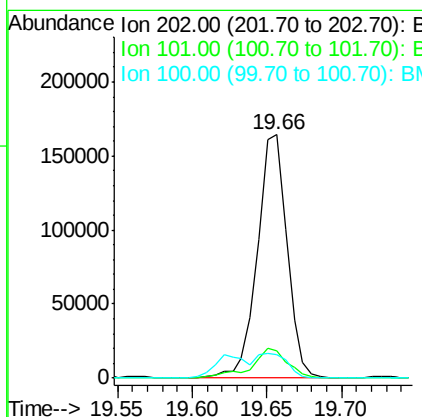
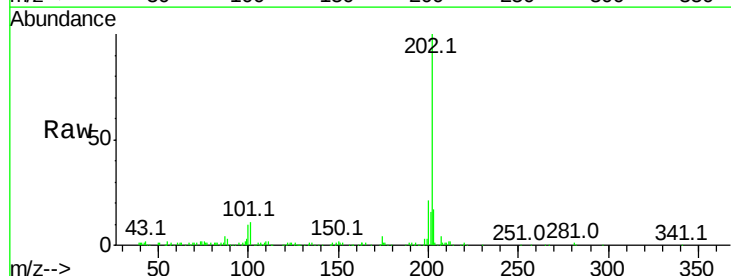
Instrument :
 BNA_M
 ClientSampleId :
 CB360

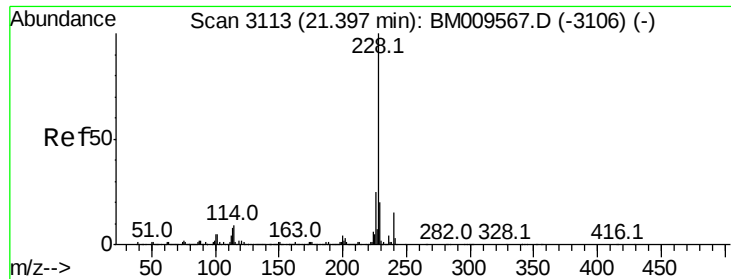
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	8.7	7.5	11.3



#20
Pyrene
 Concen: 3.47 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM009579.D
 Acq: 06 Apr 2017 03:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.2	16.8
100	9.7	9.8	14.6#





#21

Benzo(a)anthracene

Concen: 2.12 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM009579.D

Acq: 06 Apr 2017 03:57

Instrument :

BNA_M

ClientSampled :

CB360

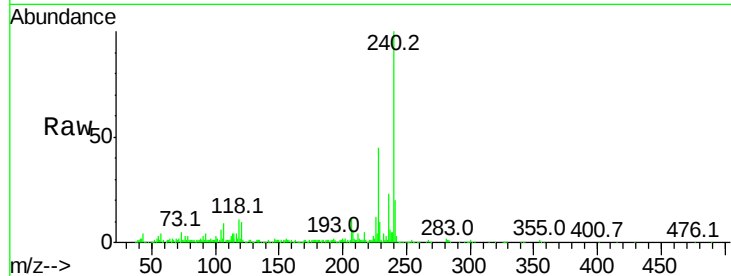
Tot Ion:228 Resp: 143944

Ion Ratio Lower Upper

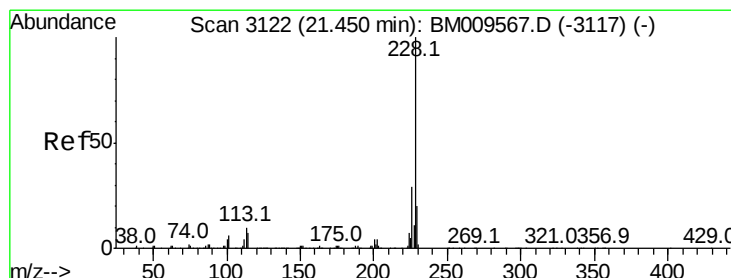
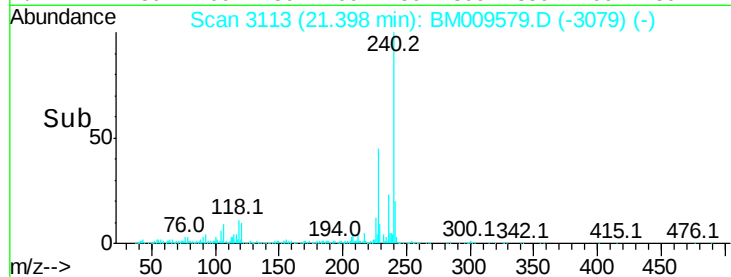
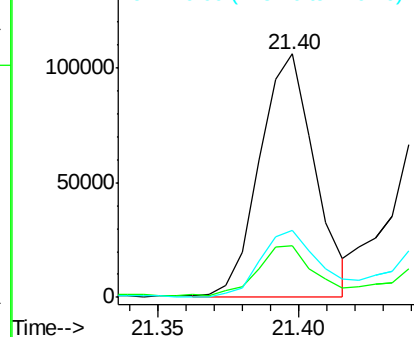
228 100

229 21.5 15.9 23.9

226 27.4 22.1 33.1



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



#22

Chrysene

Concen: 2.46 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM009579.D

Acq: 06 Apr 2017 03:57

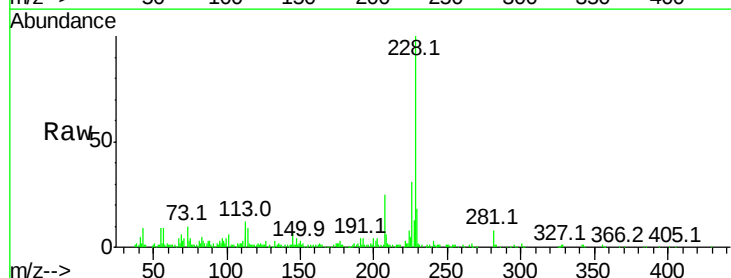
Tgt Ion:228 Resp: 153063

Ion Ratio Lower Upper

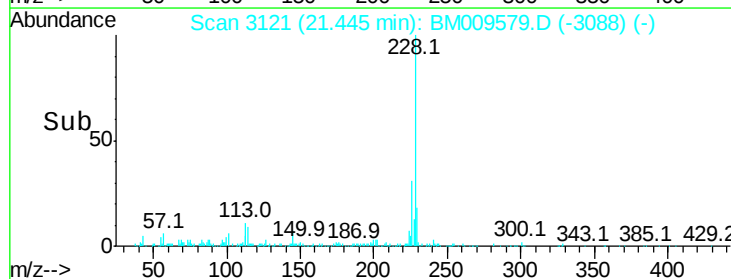
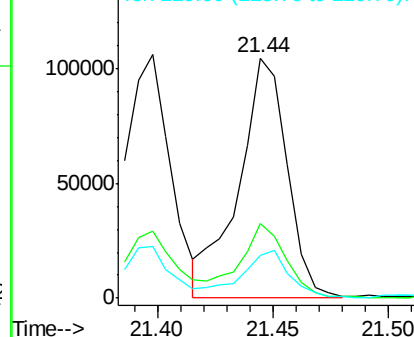
228 100

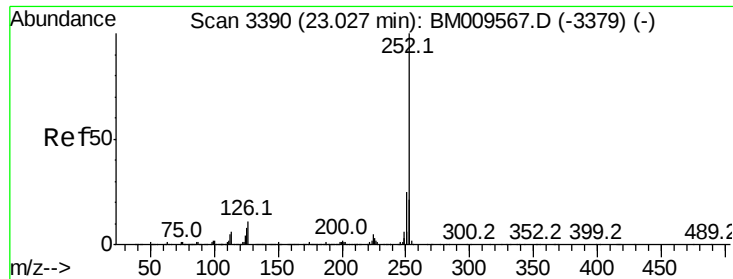
226 30.9 25.0 37.6

229 18.0 16.6 25.0



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





#24

Benzo(b)fluoranthene

Concen: 3.30 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. 0.00 min

Lab File: BM009579.D

Acq: 06 Apr 2017 03:57

Instrument :

BNA_M

ClientSampleId :

CB360

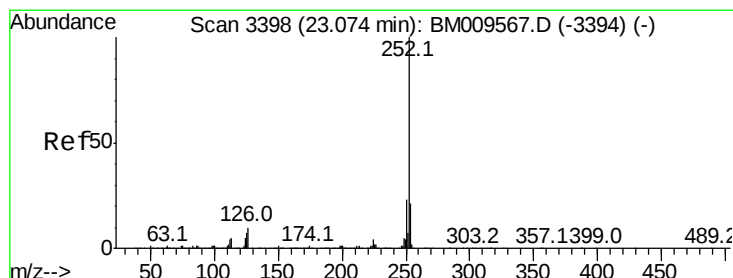
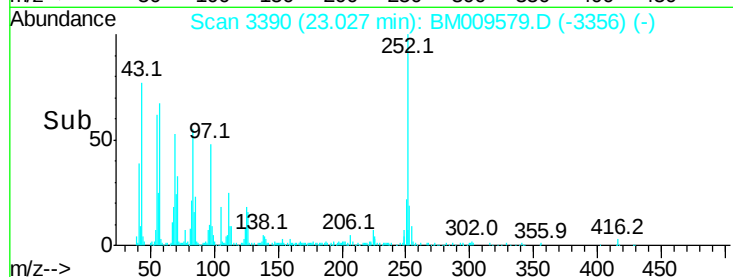
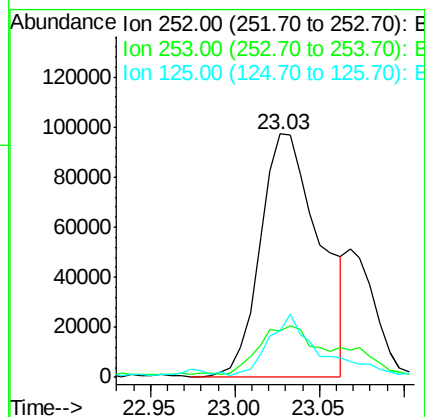
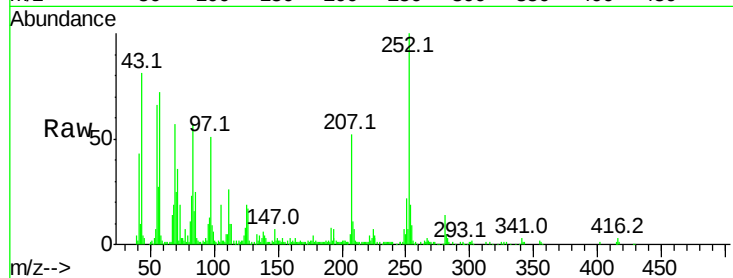
Tot Ion:252 Resp: 236547

Ion Ratio Lower Upper

252 100

253 19.4 17.8 26.6

125 19.1 9.4 14.0#



#25

Benzo(k)fluoranthene

Concen: 3.47 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM009579.D

Acq: 06 Apr 2017 03:57

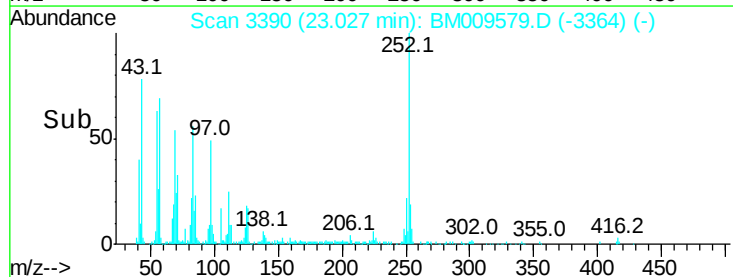
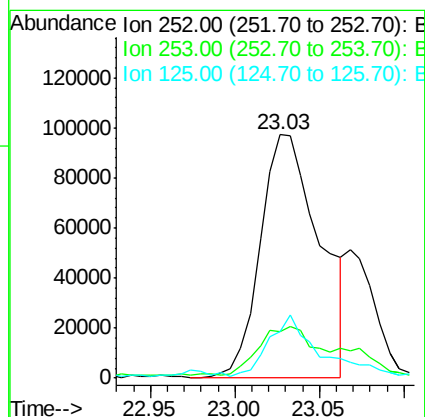
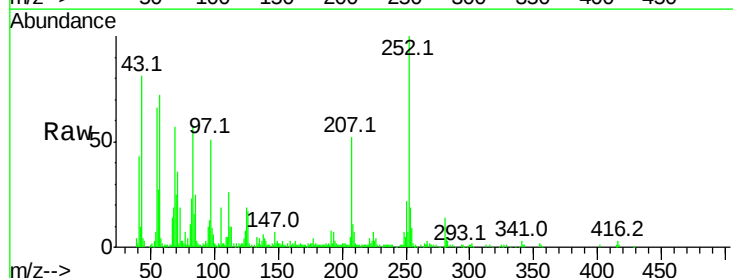
Tgt Ion:252 Resp: 236547

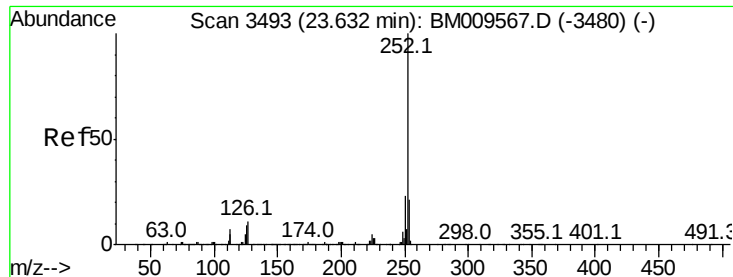
Ion Ratio Lower Upper

252 100

253 19.4 17.4 26.2

125 19.1 8.8 13.2#





#27

Benzo(a)pyrene

Concen: 2.10 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM009579.D

Acq: 06 Apr 2017 03:57

Instrument :

BNA_M

ClientSampleId :

CB360

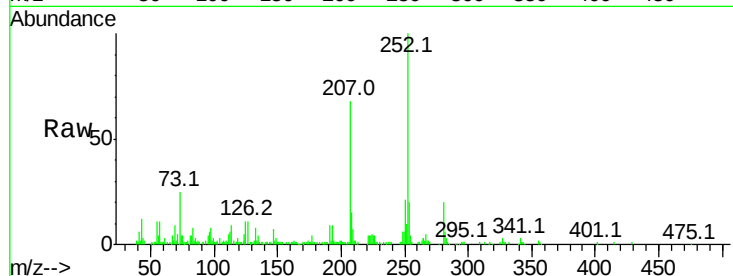
Tot Ion:252 Resp: 142884

Ion Ratio Lower Upper

252 100

253 19.8 17.1 25.7

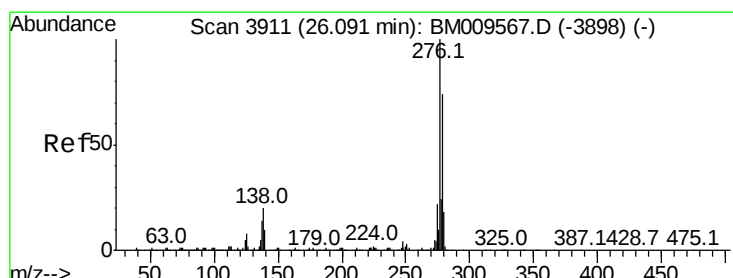
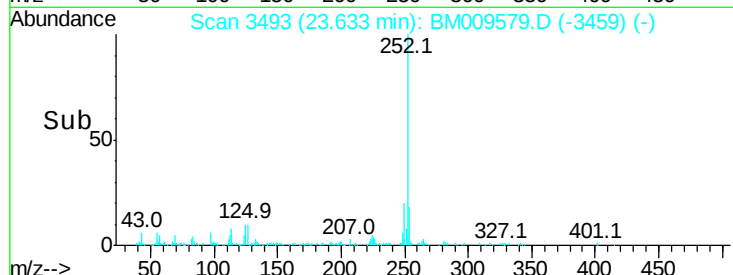
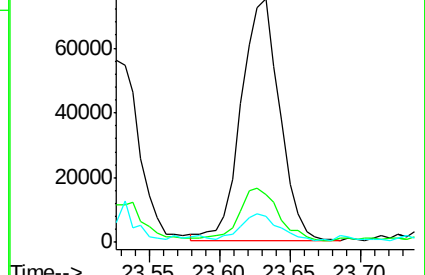
125 10.9 9.4 14.2



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 1.41 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM009579.D

Acq: 06 Apr 2017 03:57

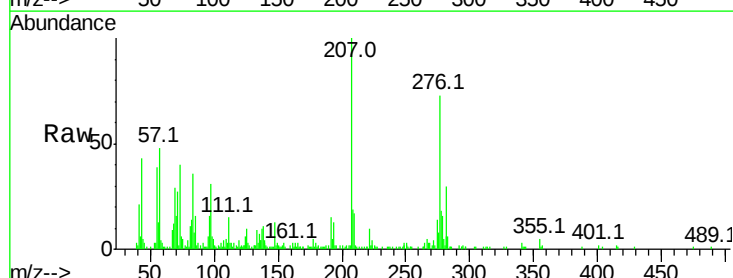
Tgt Ion:276 Resp: 107797

Ion Ratio Lower Upper

276 100

138 15.3 17.8 26.6#

277 24.6 19.4 29.0



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

