

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012918.D
 Acq On : 12 Nov 2017 00:44
 Operator : SJ/JU
 Sample : I6322-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 02:10:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 02:06:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	80373	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	309090	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	182862	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	425664	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	516529	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	571110	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.12	160	444188	23.35	ng/ul	0.00
10) Fluorene-d10	15.42	176	328341	25.24	ng/ul	0.00
14) Anthracene-d10	17.27	188	519880	25.27	ng/ul	0.00
18) Pyrene-d10	19.56	212	575021	24.88	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	677936	25.14	ng/ul	0.00

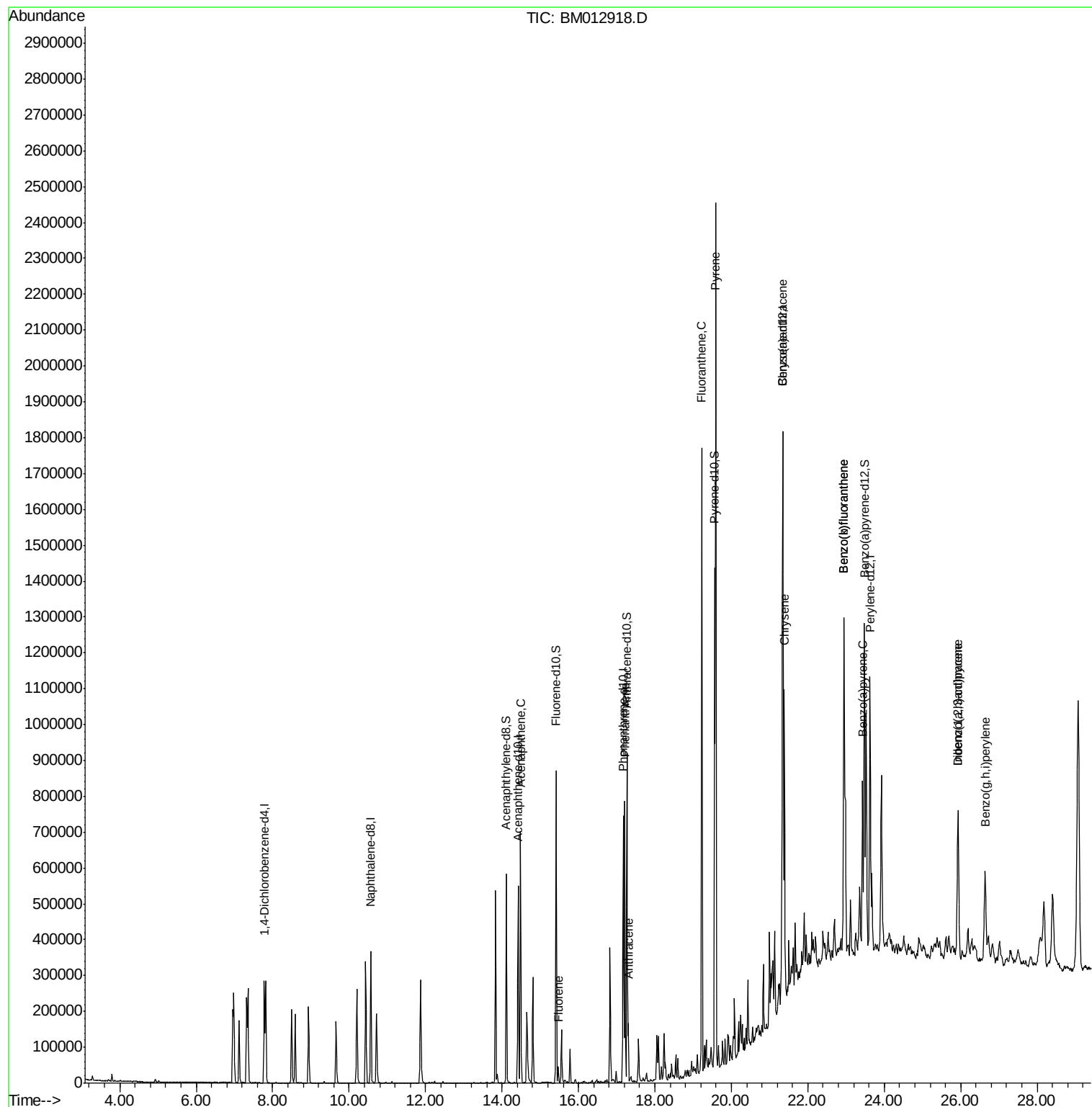
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Acenaphthene	14.49	153	290109	23.41	ng/ul	96
11) Fluorene	15.47	166	20978	1.42	ng/ul	93
13) Phenanthrene	17.21	178	464599	19.76	ng/ul	100
15) Anthracene	17.30	178	106267	4.35	ng/ul	97
16) Fluoranthene	19.23	202	1027374	35.52	ng/ul#	92
19) Pyrene	19.59	202	1397283	47.13	ng/ul#	94
20) Benzo(a)anthracene	21.34	228	560178	17.63	ng/ul	98
21) Chrysene	21.39	228	476590	16.78	ng/ul	96
23) Benzo(b)fluoranthene	22.94	252	822217	24.21	ng/ul#	97
24) Benzo(k)fluoranthene	22.94	252	822217	25.33	ng/ul#	97
26) Benzo(a)pyrene	23.43	252	360237	10.94	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.93	276	405168	9.54	ng/ul	95
28) Dibenzo(a,h)anthracene	25.93	278	120393	3.37	ng/ul#	91
29) Benzo(a,h,i)perylene	26.64	276	314804	8.88	ng/ul	96

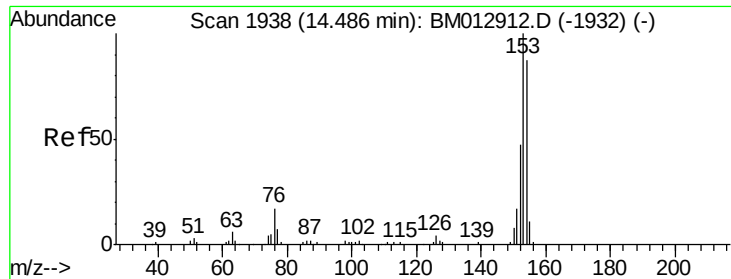
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012918.D
Acq On : 12 Nov 2017 00:44
Operator : SJ/JU
Sample : I6322-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 13 02:10:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 23.41 ng/ul

RT: 14.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

Instrument :

BNA_M

ClientSampled :

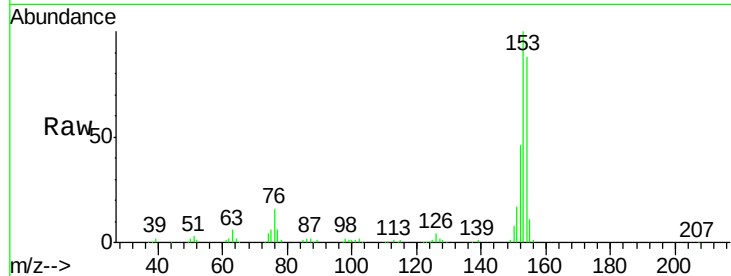
Tot Ion:153 Resp: 290109

Ion Ratio Lower Upper

153 100

152 46.5 39.0 58.6

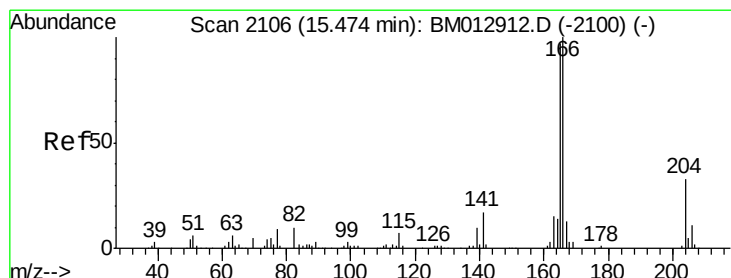
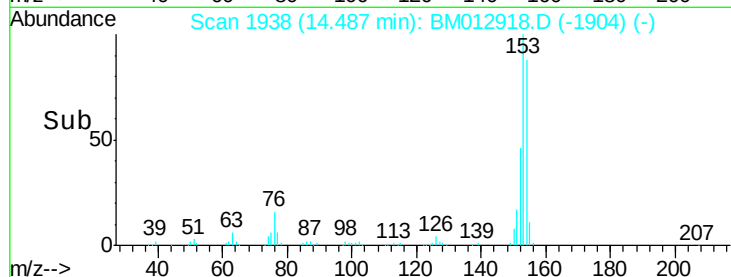
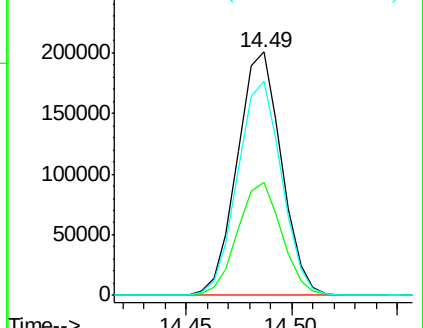
154 87.8 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 1.42 ng/ul

RT: 15.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

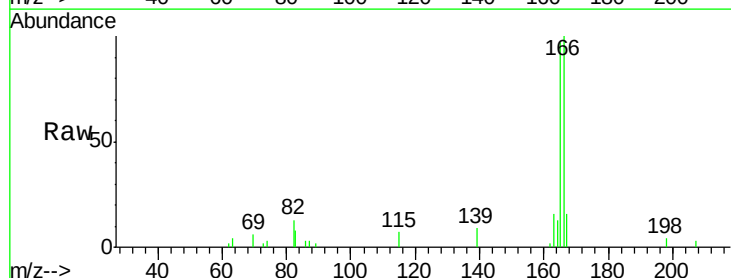
Tgt Ion:166 Resp: 20978

Ion Ratio Lower Upper

166 100

165 96.8 83.8 125.8

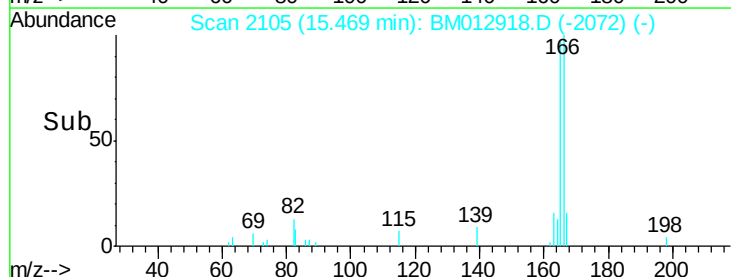
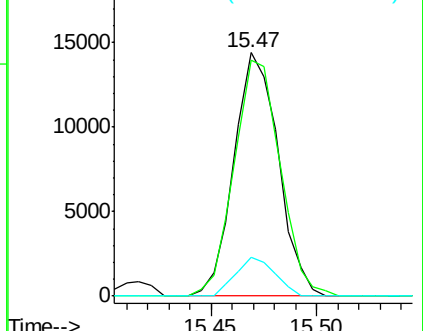
167 15.9 11.5 17.3

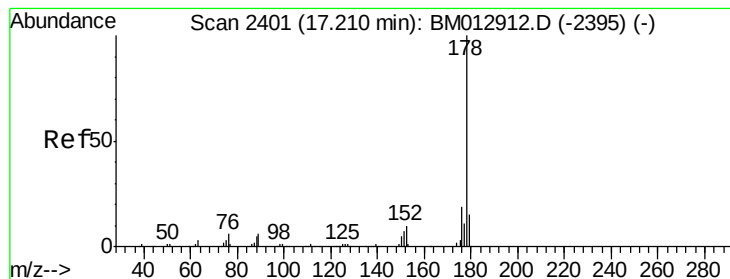


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 19.76 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

Instrument :

BNA_M

ClientSampleId :

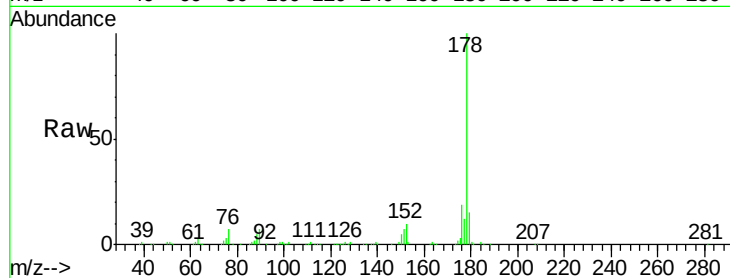
Tot Ion:178 Resp: 464599

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

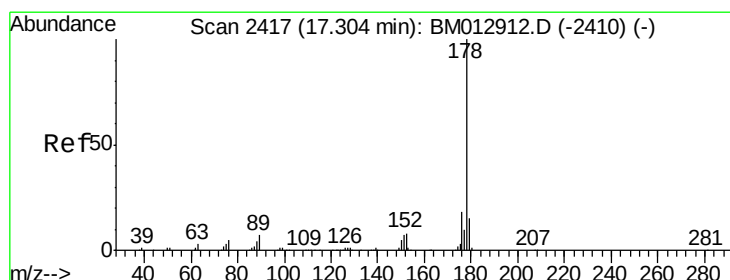
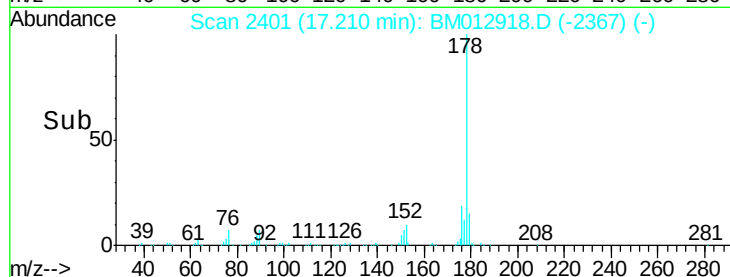
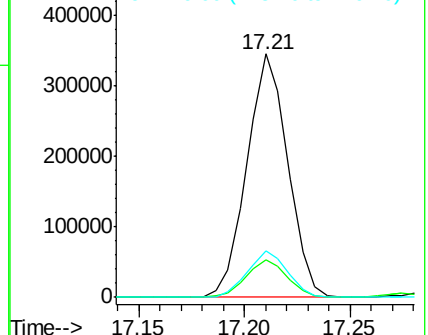
176 19.1 15.1 22.7



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



#15

Anthracene

Concen: 4.35 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

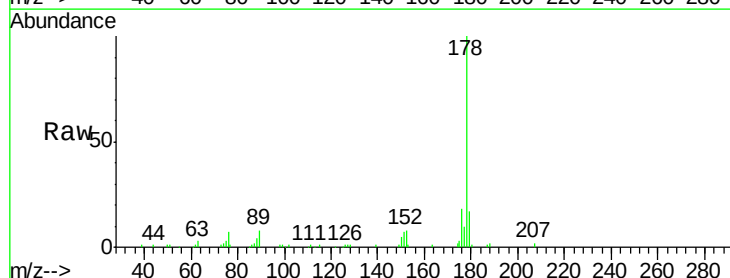
Tgt Ion:178 Resp: 106267

Ion Ratio Lower Upper

178 100

179 16.8 11.8 17.8

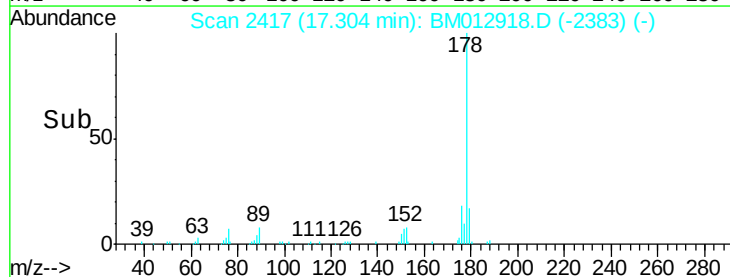
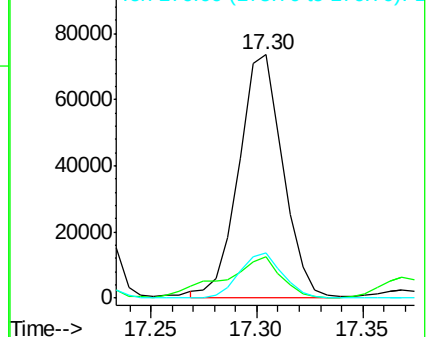
176 18.3 15.2 22.8

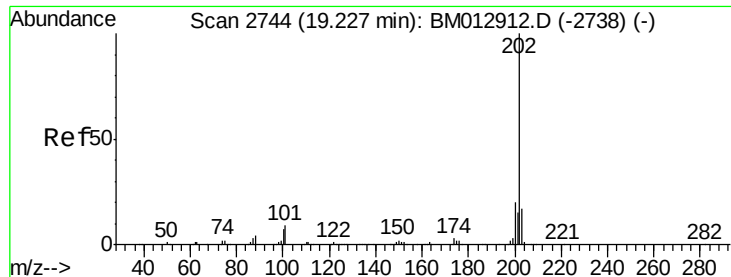


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

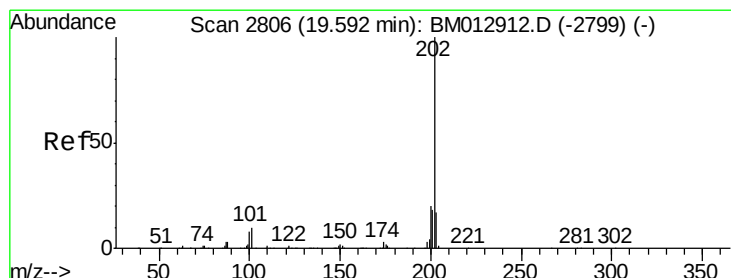
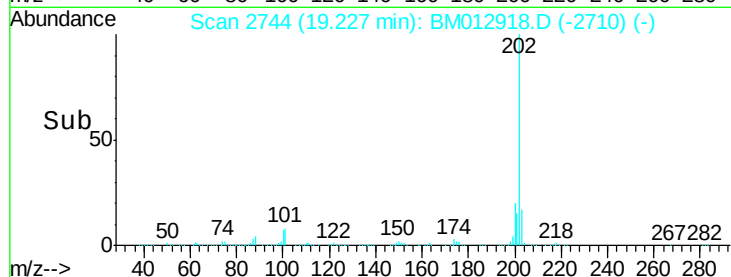
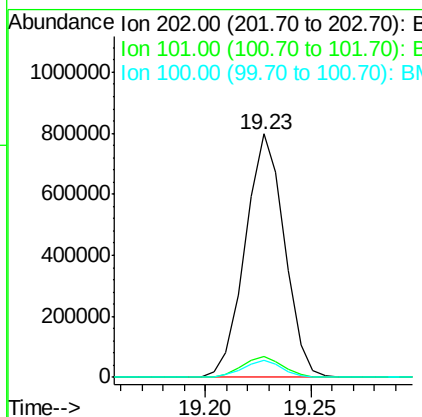
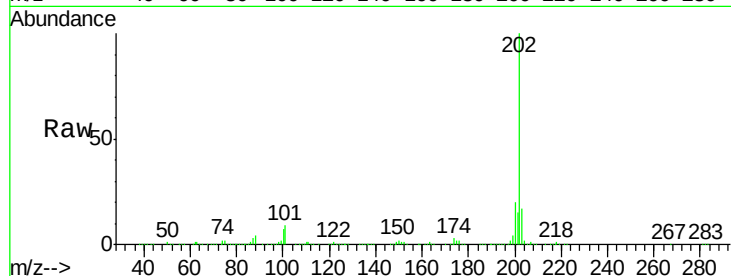




#16
Fluoranthene
 Concen: 35.52 ng/ul
 RT: 19.23 min Scan# 2744
 Delta R.T. 0.00 min
 Lab File: BM012918.D
 Acq: 12 Nov 2017 00:44

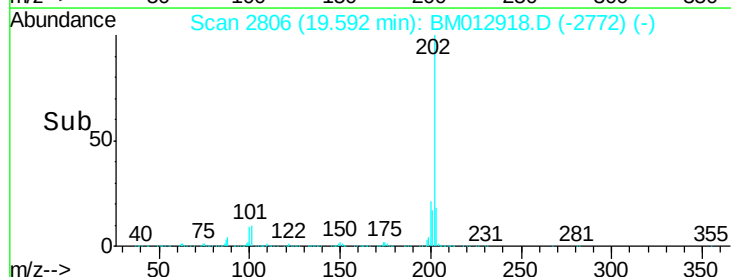
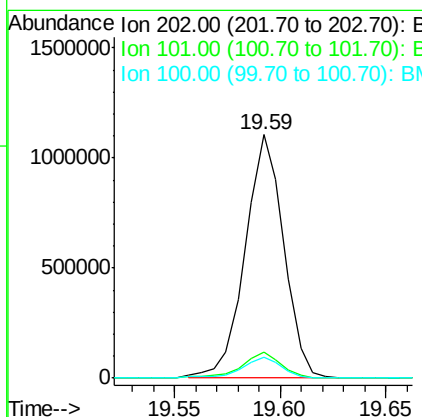
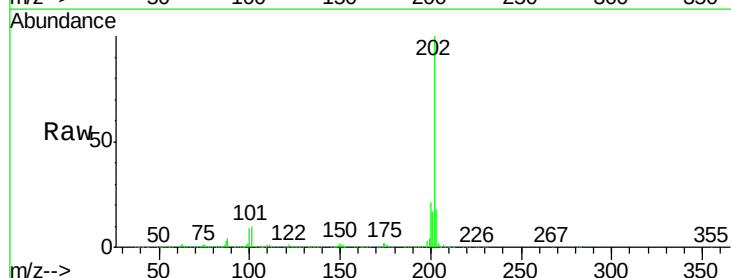
Instrument :
 BNA_M
 ClientSampleId :

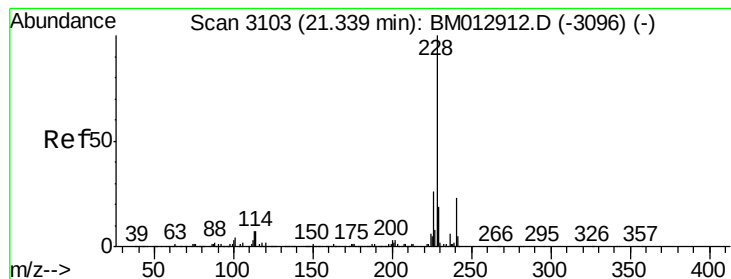
Tot Ion:202 Resp: 1027374
 Ion Ratio Lower Upper
 202 100
 101 8.5 9.9 14.9#
 100 6.9 7.4 11.0#



#19
Pyrene
 Concen: 47.13 ng/ul
 RT: 19.59 min Scan# 2806
 Delta R.T. 0.00 min
 Lab File: BM012918.D
 Acq: 12 Nov 2017 00:44

Tgt Ion:202 Resp: 1397283
 Ion Ratio Lower Upper
 202 100
 101 10.5 11.0 16.4#
 100 8.6 8.1 12.1





#20

Benzo(a)anthracene

Concen: 17.63 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

Instrument :

BNA_M

ClientSampled :

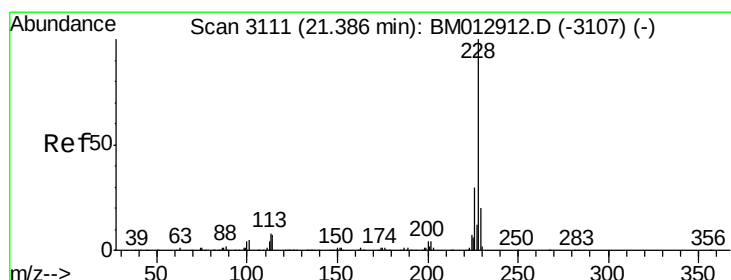
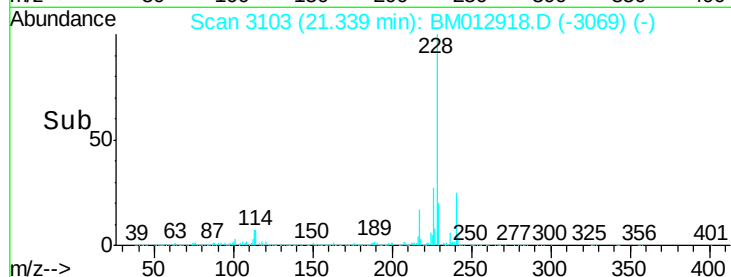
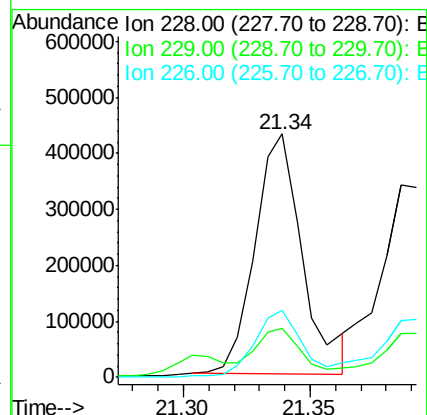
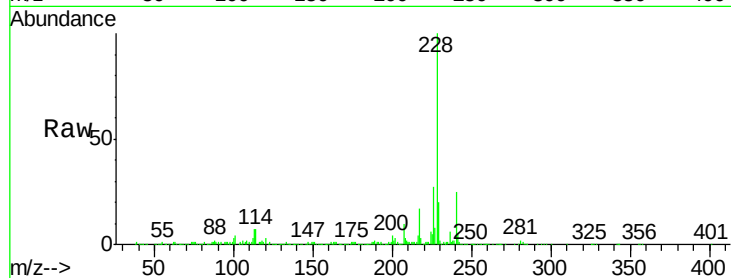
Tot Ion:228 Resp: 560178

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

226 27.3 21.1 31.7



#21

Chrysene

Concen: 16.78 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

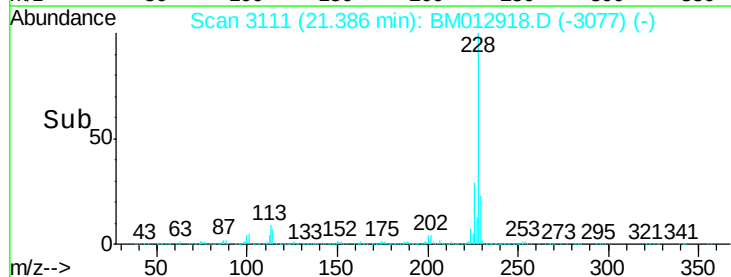
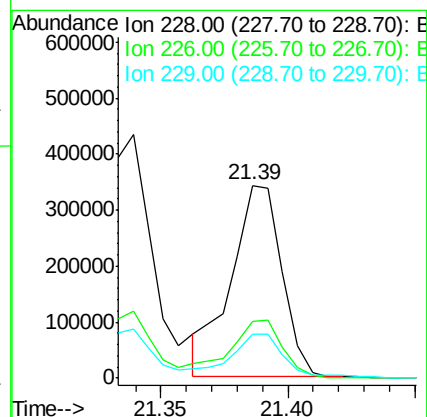
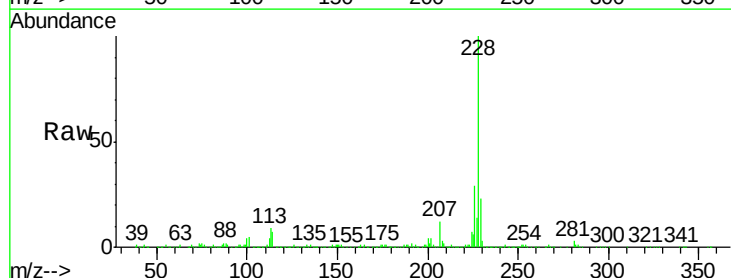
Tgt Ion:228 Resp: 476590

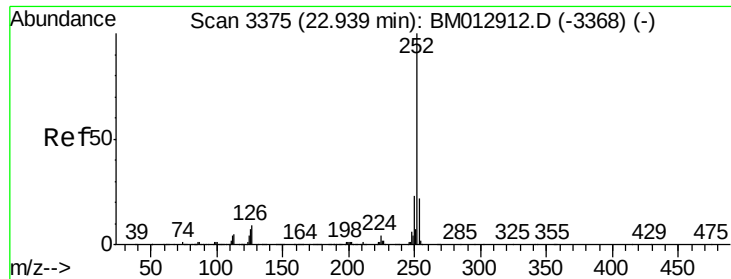
Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

229 22.9 15.8 23.8

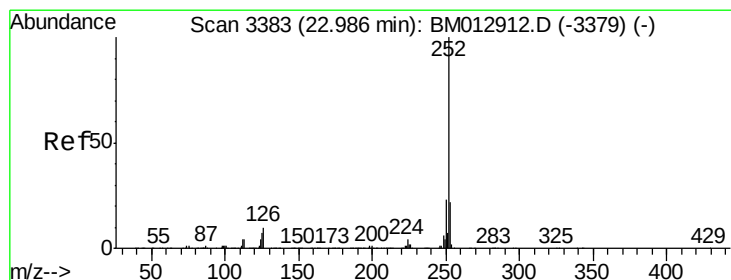
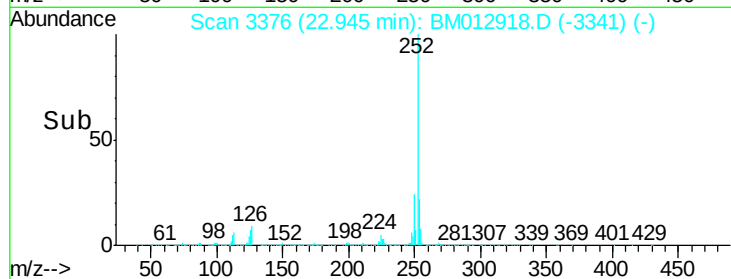
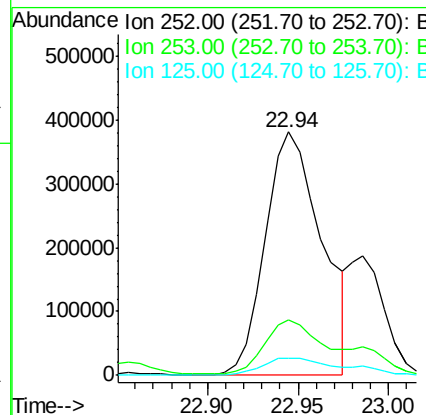
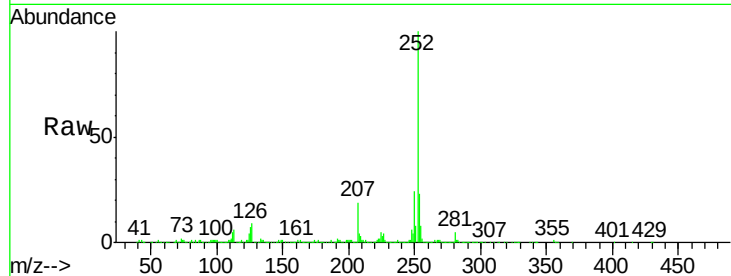




#23
Benzo(b)fluoranthene
Concen: 24.21 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM012918.D
Acq: 12 Nov 2017 00:44

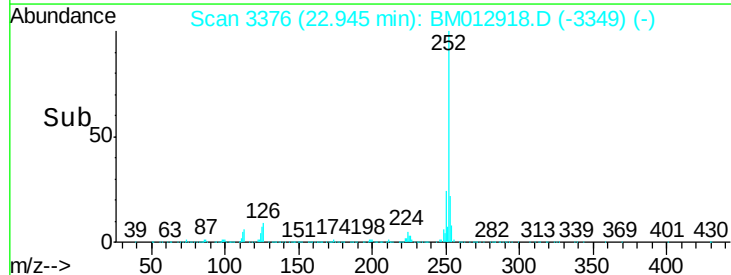
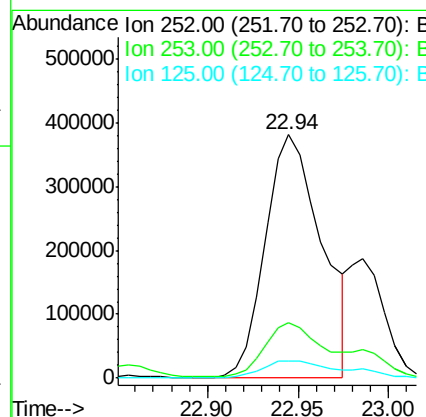
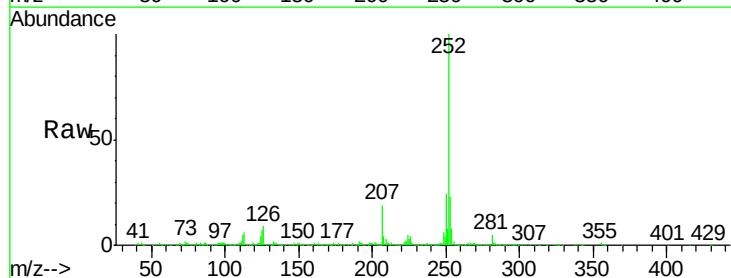
Instrument :
BNA_M
ClientSampleId :

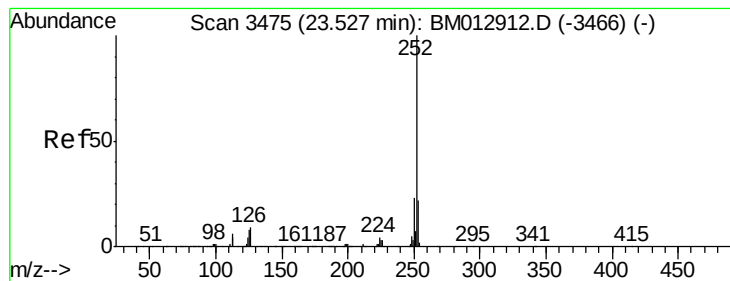
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	7.1	8.0	12.0



#24
Benzo(k)fluoranthene
Concen: 25.33 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. -0.04 min
Lab File: BM012918.D
Acq: 12 Nov 2017 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	7.1	8.1	12.1





#26

Benzo(a)pyrene

Concen: 10.94 ng/ul

RT: 23.43 min Scan# 3459

Delta R.T. -0.09 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

Instrument :

BNA_M

ClientSampleId :

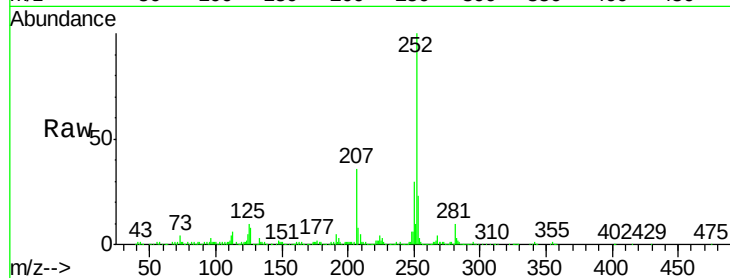
Tot Ion:252 Resp: 360237

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

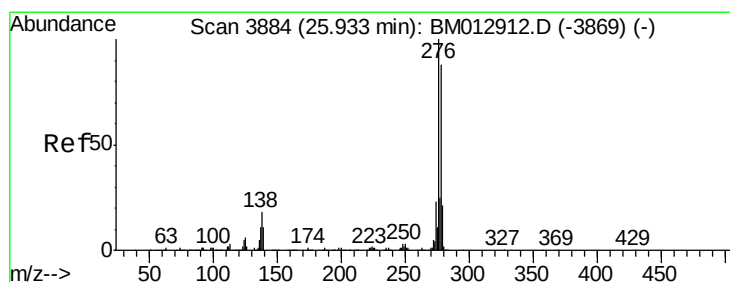
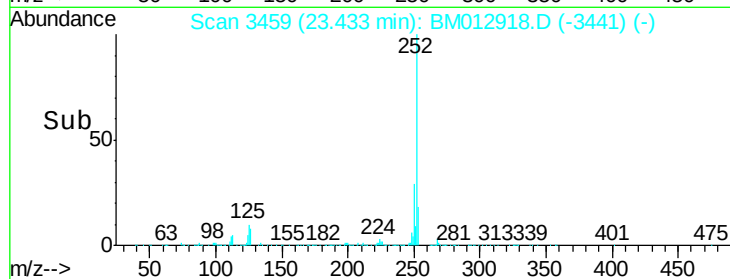
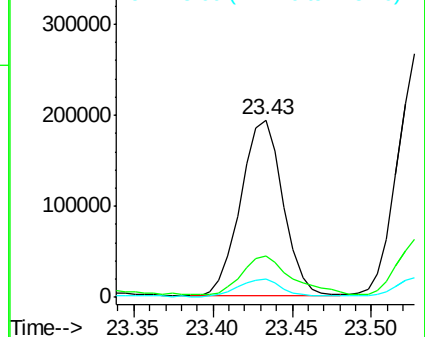
125 10.2 8.2 12.4



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: 9.54 ng/ul

RT: 25.93 min Scan# 3884

Delta R.T. 0.00 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

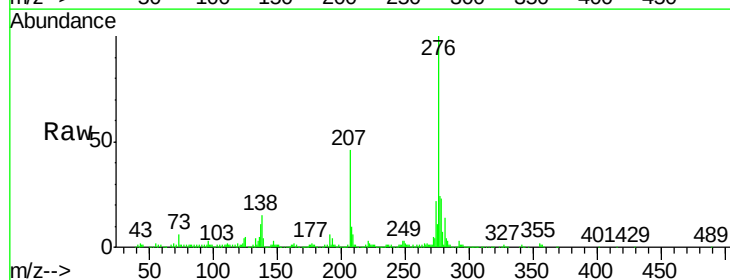
Tgt Ion:276 Resp: 405168

Ion Ratio Lower Upper

276 100

138 14.6 14.4 21.6

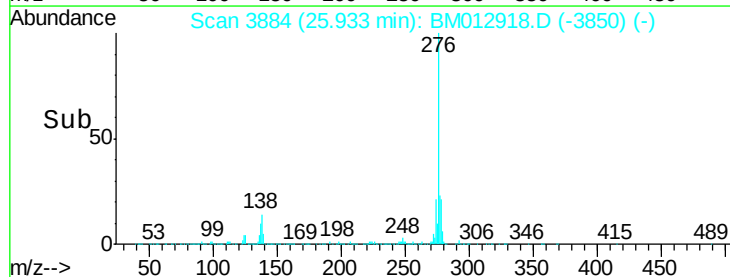
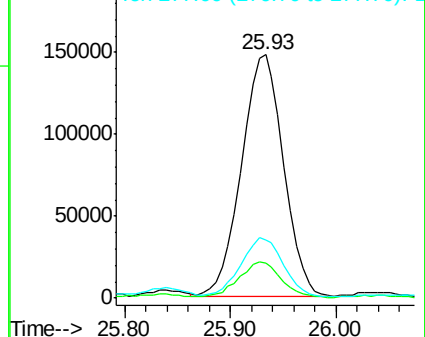
277 23.7 18.0 27.0

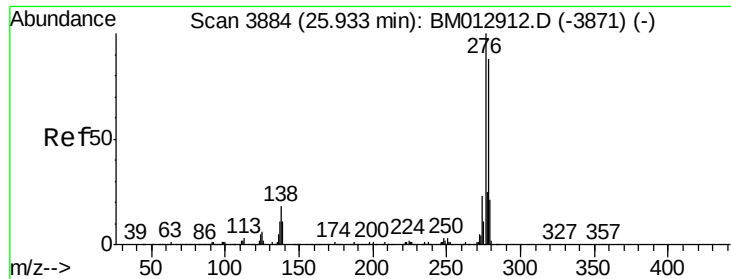


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 3.37 ng/ul

RT: 25.93 min Scan# 3883

Delta R.T. -0.01 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

Instrument :

BNA_M

ClientSampled :

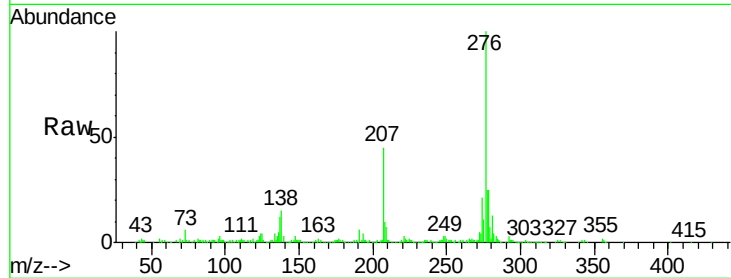
Tot Ion:278 Resp: 120393

Ion Ratio Lower Upper

278 100

139 10.5 12.2 18.4#

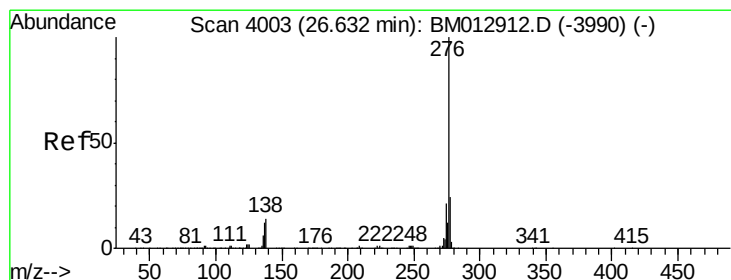
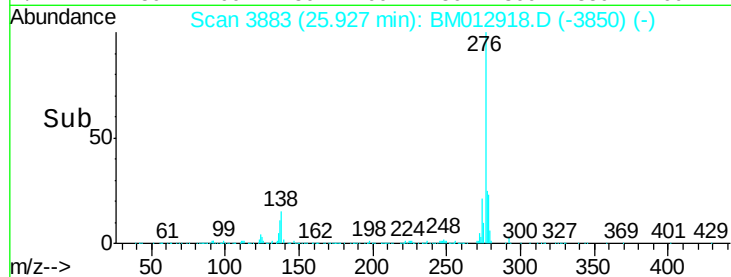
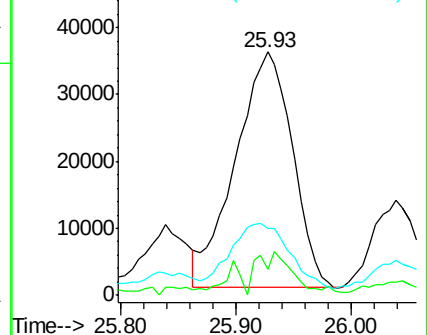
279 27.5 19.2 28.8



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



#29

Benzo(g,h,i)perylene

Concen: 8.88 ng/ul

RT: 26.64 min Scan# 4004

Delta R.T. 0.01 min

Lab File: BM012918.D

Acq: 12 Nov 2017 00:44

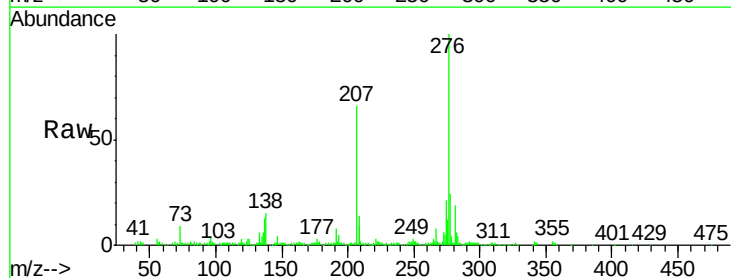
Tgt Ion:276 Resp: 314804

Ion Ratio Lower Upper

276 100

138 15.4 15.3 22.9

277 24.4 19.0 28.4



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

