

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081920\
 Data File : BM027135.D
 Acq On : 19 Aug 2020 09:50
 Operator : JU/CG
 Sample : L1955-11
 Misc : MDL-W-04-0.07PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-04

Quant Time: Aug 19 11:17:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM081720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 11:15:05 2020
 Response via : Initial Calibration

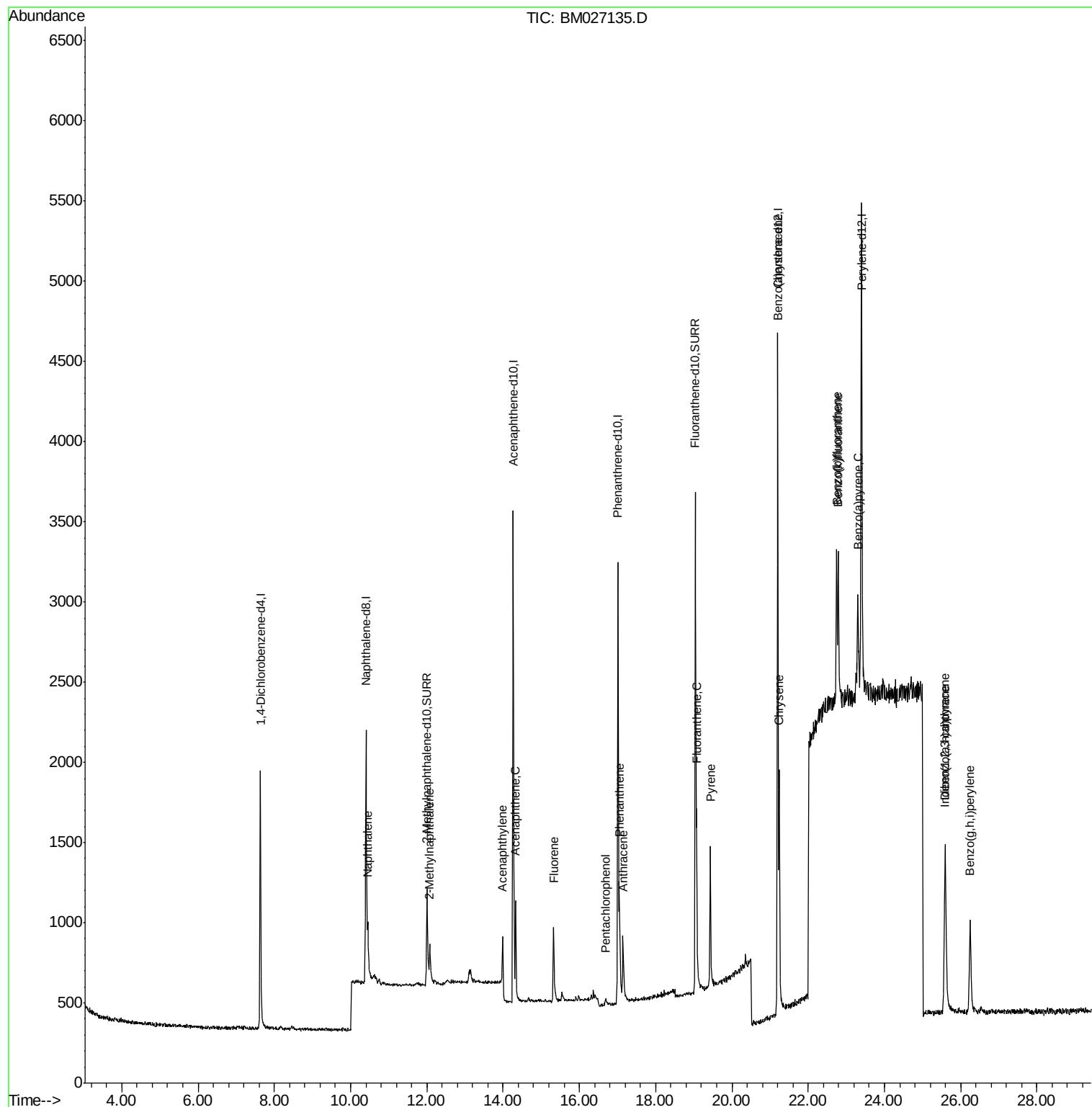
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	900	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	2844	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	1886	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	4286	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	4193	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	4176	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1268	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4429	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	386	0.045	ng/ul#	59
5) 2-Methylnaphthalene	12.07	142	198	0.034	ng/ul	92
7) Acenaphthylene	13.99	152	384	0.047	ng/ul#	75
8) Acenaphthene	14.33	153	354	0.050	ng/ul	95
9) Fluorene	15.32	166	414	0.049	ng/ul#	96
11) Pentachlorophenol	16.69	266	59	0.042	ng/ul#	71
12) Phenanthrene	17.05	178	725	0.050	ng/ul#	79
13) Anthracene	17.15	178	589	0.045	ng/ul#	69
15) Fluoranthene	19.07	202	924	0.053	ng/ul	79
17) Pyrene	19.44	202	967	0.054	ng/ul#	84
18) Benzo(a)anthracene	21.19	228	1048	0.063	ng/ul	91
19) Chrysene	21.24	228	1388	0.077	ng/ul	91
21) Benzo(b)fluoranthene	22.75	252	1278	0.071	ng/ul#	59
22) Benzo(k)fluoranthene	22.79	252	1348	0.072	ng/ul#	63
23) Benzo(a)pyrene	23.30	252	1187	0.073	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.58	276	1460	0.065	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.60	278	1137	0.062	ng/ul#	54
26) Benzo(g,h,i)perylene	26.25	276	1280	0.066	ng/ul#	83

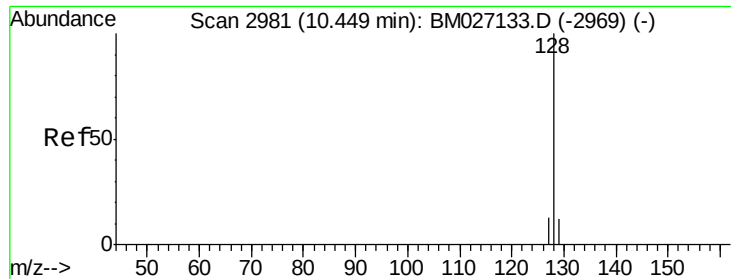
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081920\
Data File : BM027135.D
Acq On : 19 Aug 2020 09:50
Operator : JU/CG
Sample : L1955-11
Misc : MDL-W-04-0.07PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

Quant Time: Aug 19 11:17:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM081720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 11:15:05 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.045 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-04

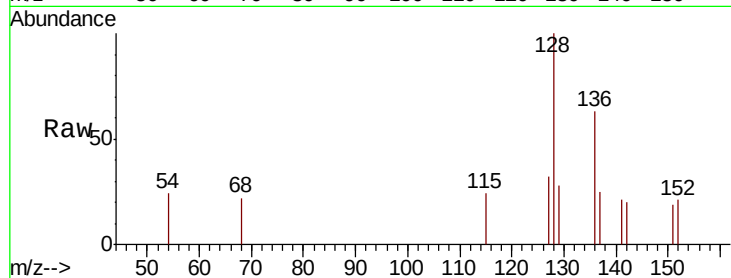
Tot Ion:128 Resp: 386

Ion Ratio Lower Upper

128 100

129 28.1 10.1 15.1#

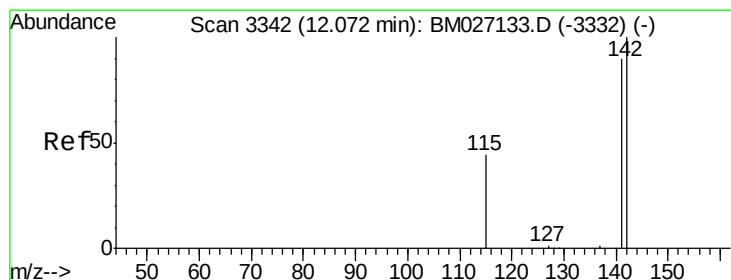
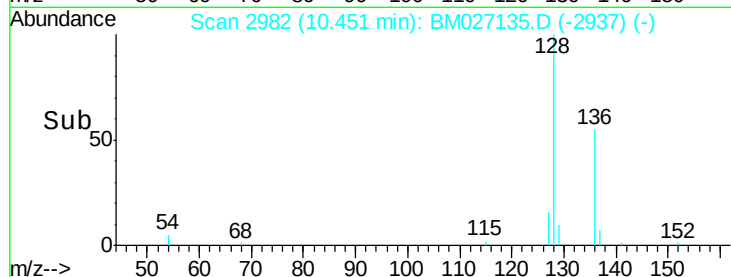
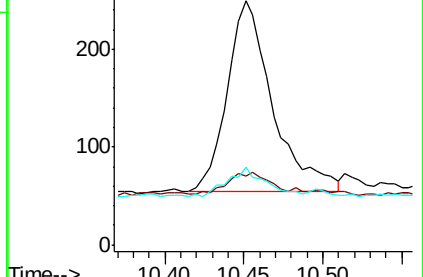
127 32.1 11.6 17.4#



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



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.07 min Scan# 3343

Delta R.T. 0.00 min

Lab File: BM027135.D

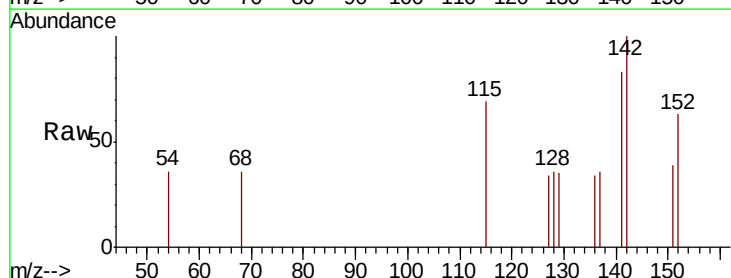
Acq: 19 Aug 2020 09:50

Tgt Ion:142 Resp: 198

Ion Ratio Lower Upper

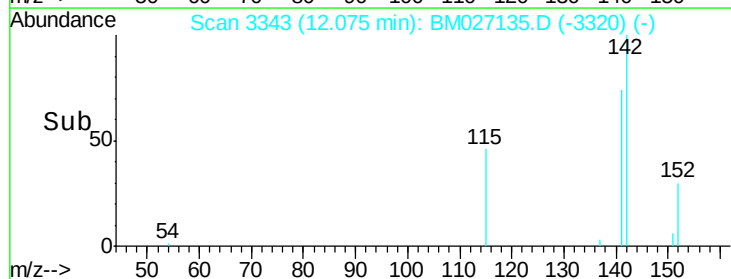
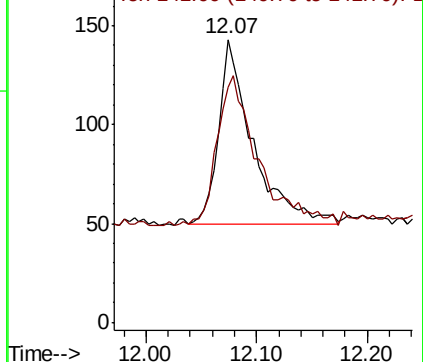
142 100

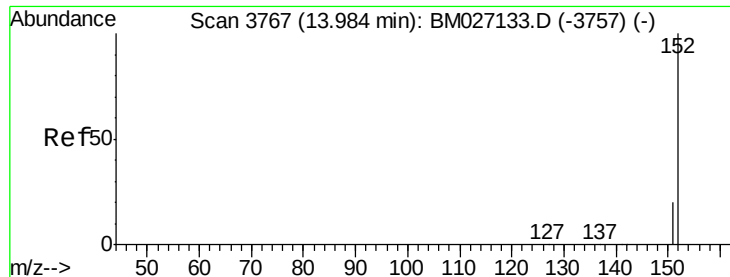
141 99.0 72.9 109.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-04

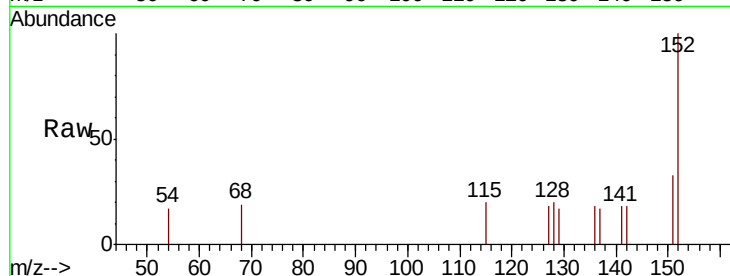
Tot Ion:152 Resp: 384

Ion Ratio Lower Upper

152 100

151 32.8 16.9 25.3#

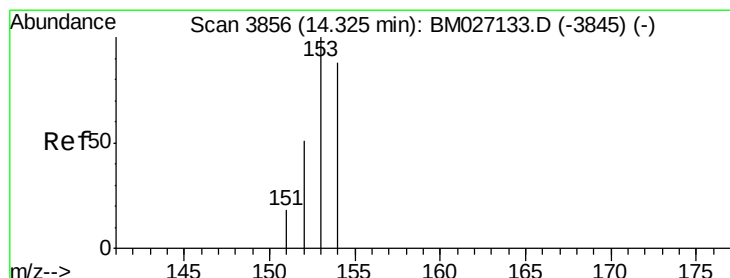
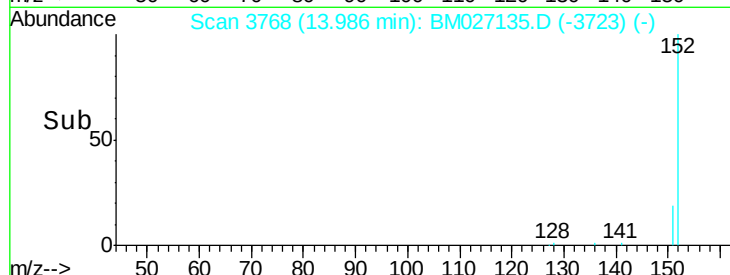
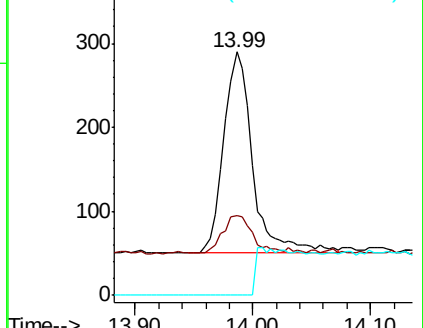
153 0.0 0.0 0.0



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



#8

Acenaphthene

Concen: 0.050 ng/ul

RT: 14.33 min Scan# 3858

Delta R.T. 0.01 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

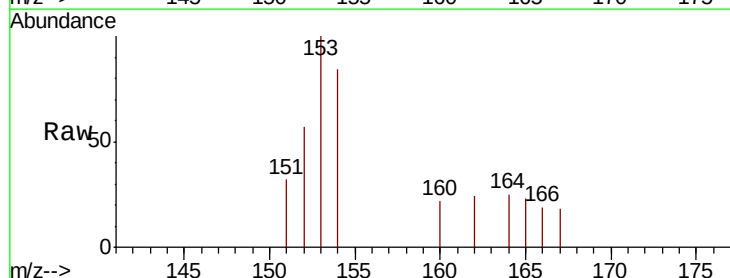
Tgt Ion:153 Resp: 354

Ion Ratio Lower Upper

153 100

152 56.9 40.9 61.3

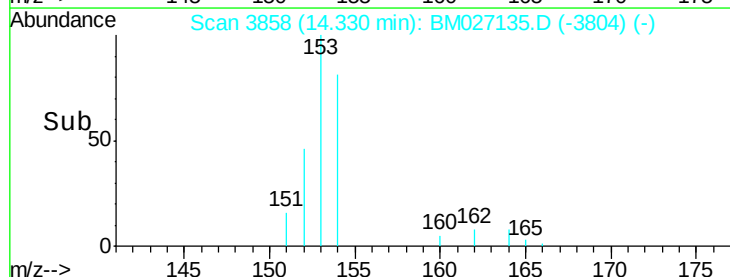
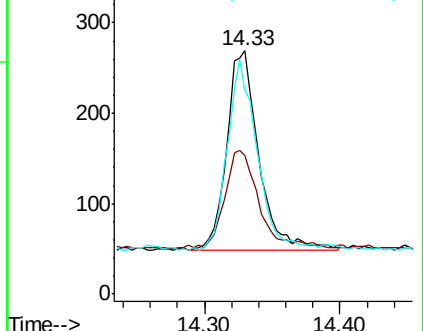
154 84.0 70.0 105.0

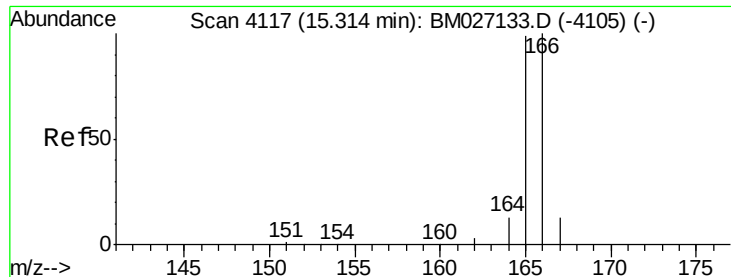


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

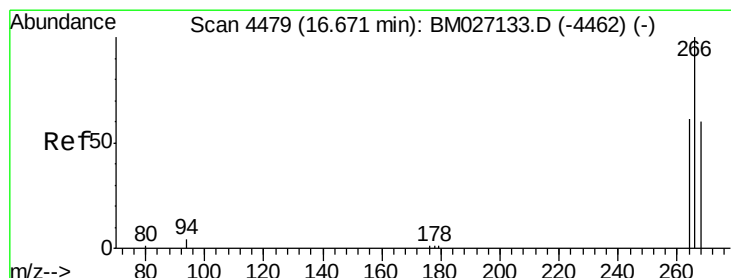
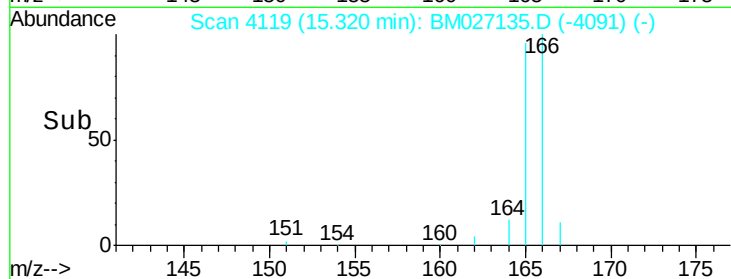
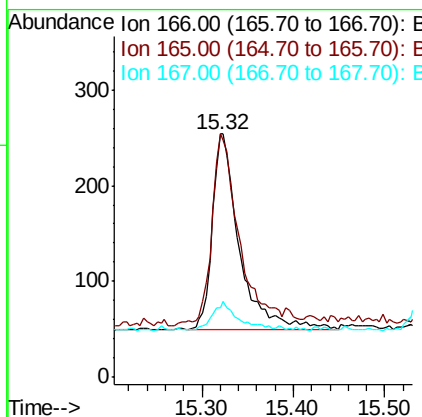
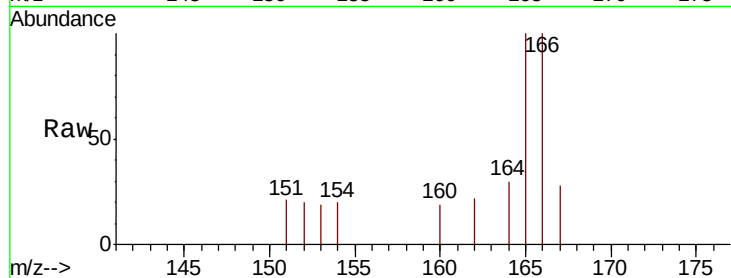




#9
Fluorene
 Concen: 0.049 ng/ul
 RT: 15.32 min Scan# 4119
 Delta R.T. 0.01 min
 Lab File: BM027135.D
 Acq: 19 Aug 2020 09:50

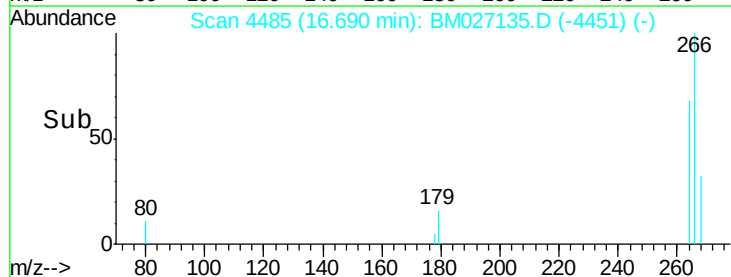
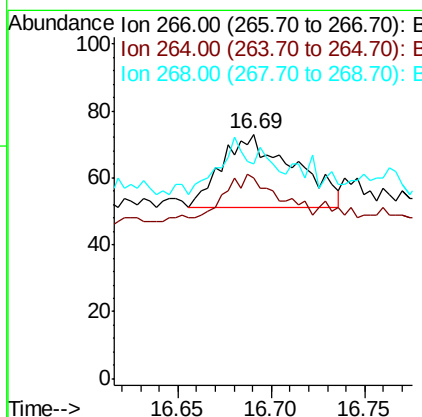
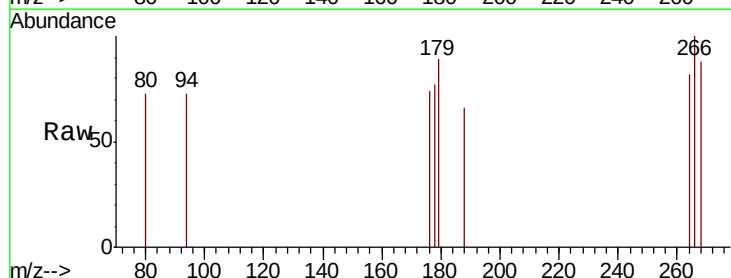
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-04

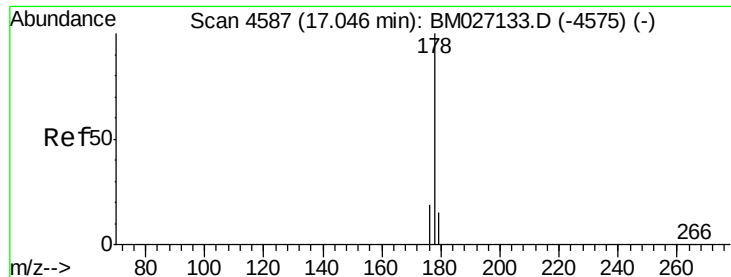
Tot Ion:166 Resp: 414
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.6
 167 28.3 12.1 18.1#



#11
Pentachlorophenol
 Concen: 0.042 ng/ul
 RT: 16.69 min Scan# 4485
 Delta R.T. 0.02 min
 Lab File: BM027135.D
 Acq: 19 Aug 2020 09:50

Tgt Ion:266 Resp: 59
 Ion Ratio Lower Upper
 266 100
 264 45.8 47.8 71.8#
 268 30.5 48.5 72.7#





#12

Phenanthrene

Concen: 0.050 ng/ul

RT: 17.05 min Scan# 4589

Delta R.T. 0.01 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-04

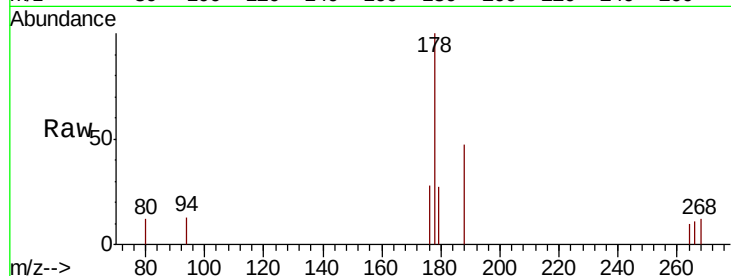
Tot Ion:178 Resp: 725

Ion Ratio Lower Upper

178 100

179 27.1 13.4 20.2#

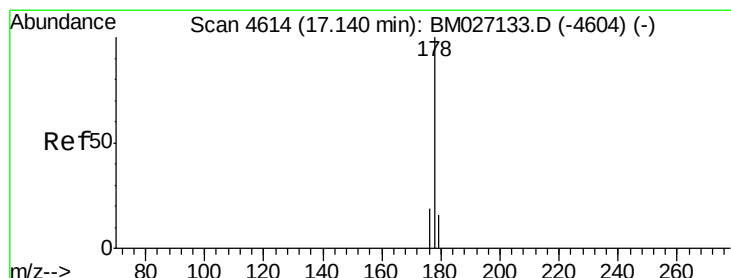
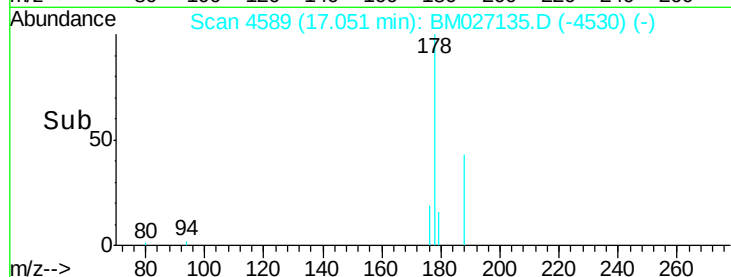
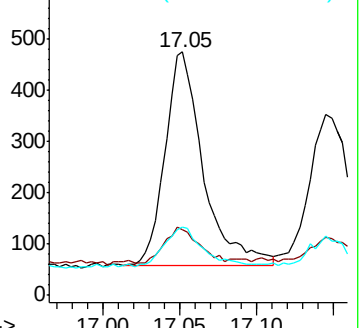
176 28.2 16.0 24.0#



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



#13

Anthracene

Concen: 0.045 ng/ul

RT: 17.15 min Scan# 4616

Delta R.T. 0.01 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

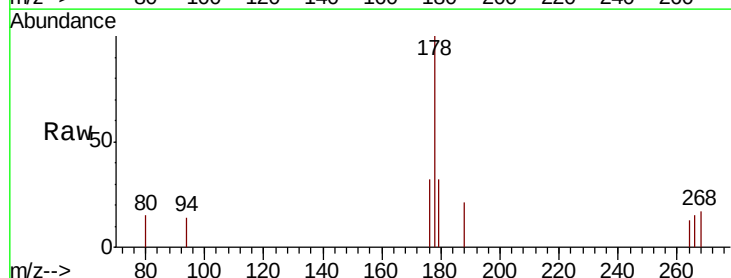
Tgt Ion:178 Resp: 589

Ion Ratio Lower Upper

178 100

179 31.9 13.7 20.5#

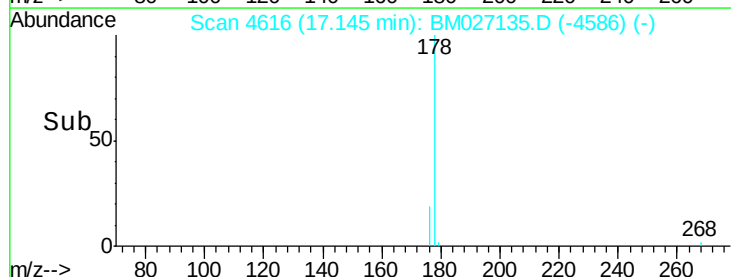
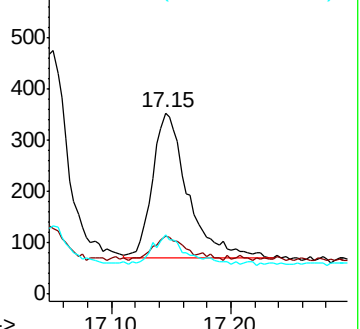
176 32.5 15.5 23.3#

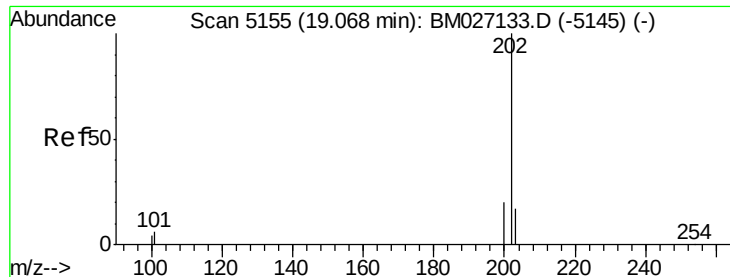


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.053 ng/ul

RT: 19.07 min Scan# 5156

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-04

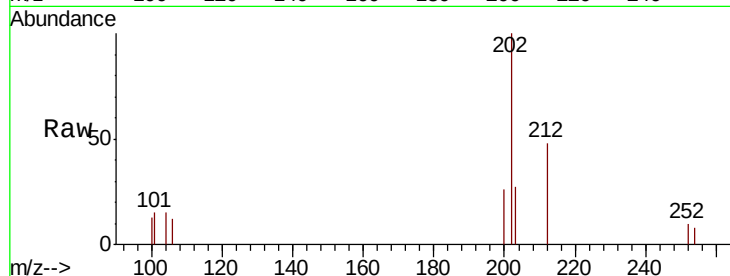
Tot Ion:202 Resp: 924

Ion Ratio Lower Upper

202 100

101 14.6 0.0 27.1

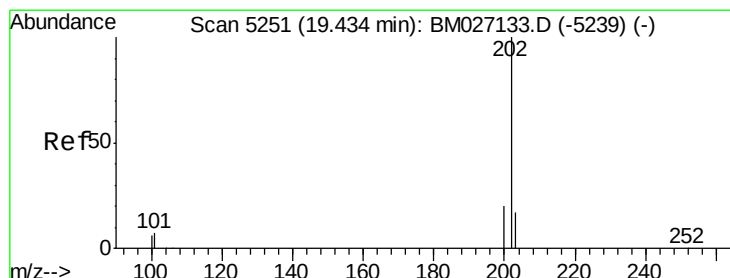
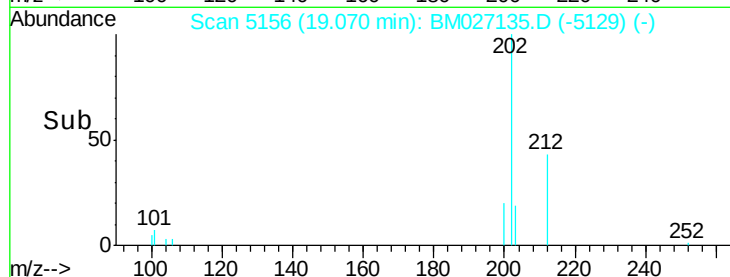
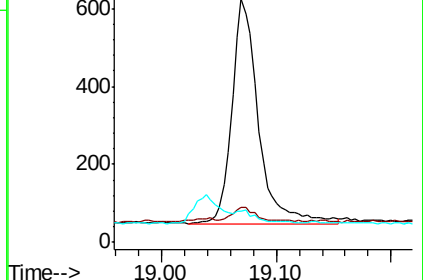
100 12.6 0.0 25.7



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



#17

Pyrene

Concen: 0.054 ng/ul

RT: 19.44 min Scan# 5252

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

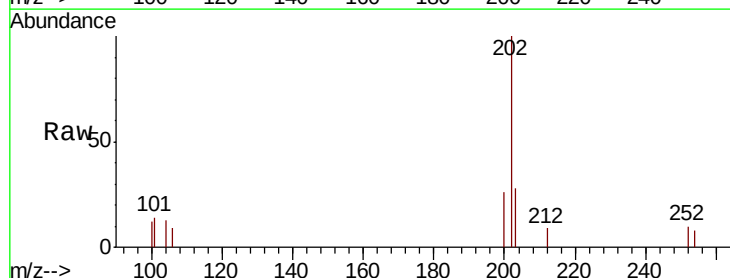
Tgt Ion:202 Resp: 967

Ion Ratio Lower Upper

202 100

101 14.3 6.6 9.8#

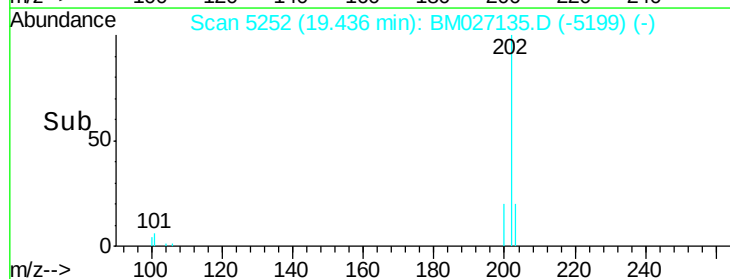
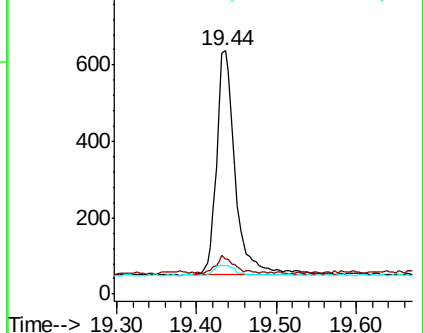
100 11.9 5.6 8.4#

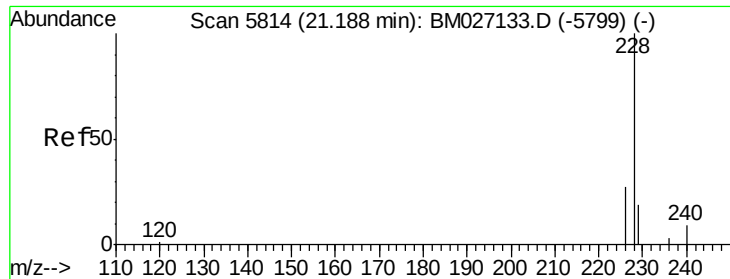


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.063 ng/ul

RT: 21.19 min Scan# 5817

Delta R.T. 0.01 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-04

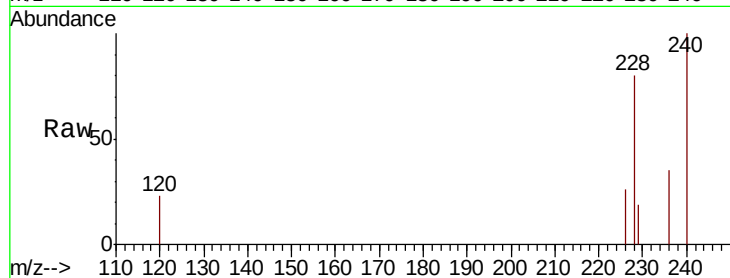
Tot Ion:228 Resp: 1048

Ion Ratio Lower Upper

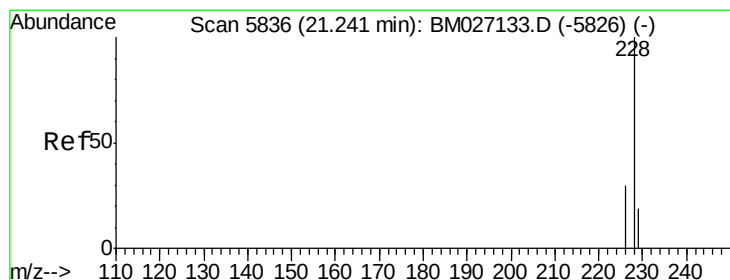
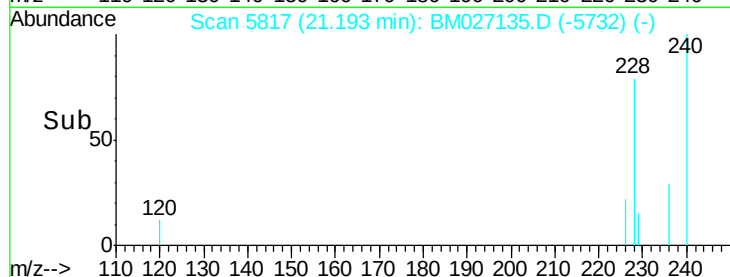
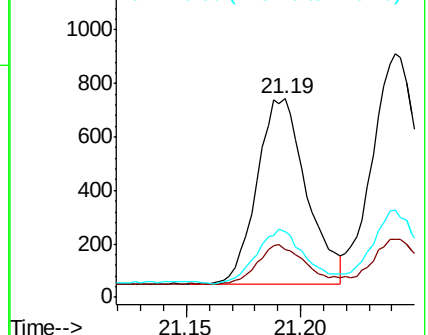
228 100

229 24.1 16.2 24.4

226 33.1 22.4 33.6



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



#19

Chrysene

Concen: 0.077 ng/ul

RT: 21.24 min Scan# 5837

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

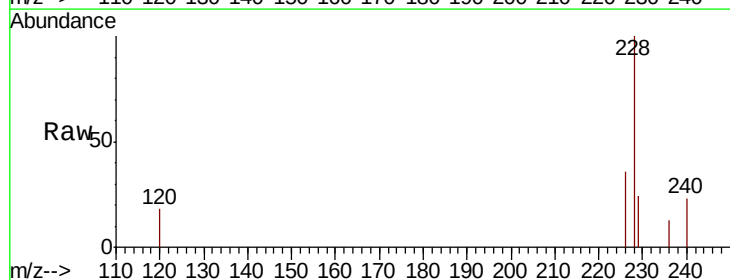
Tgt Ion:228 Resp: 1388

Ion Ratio Lower Upper

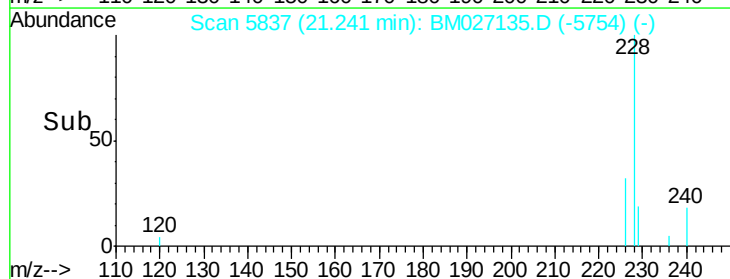
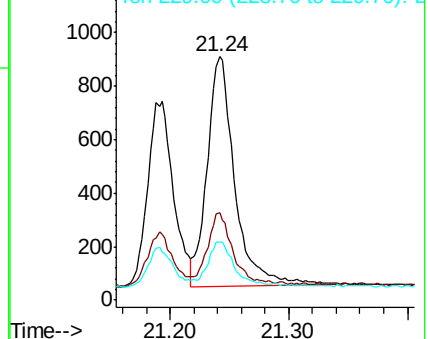
228 100

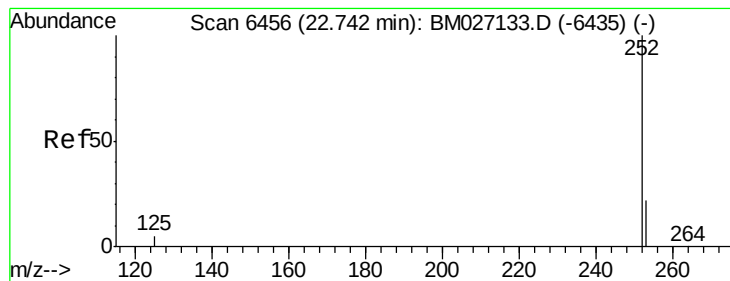
226 35.8 24.6 36.8

229 23.8 15.9 23.9



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





#21

Benzo(b)fluoranthene

Concen: 0.071 ng/ul

RT: 22.75 min Scan# 6458

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-04

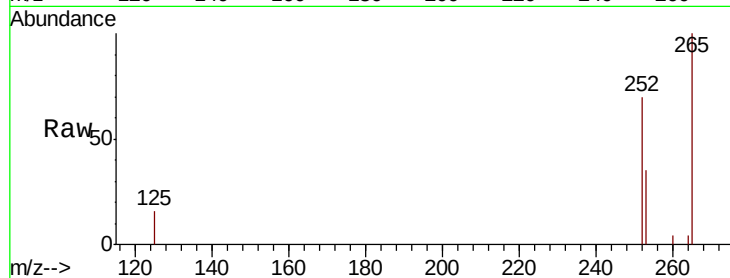
Tot Ion:252 Resp: 1278

Ion Ratio Lower Upper

252 100

253 50.1 0.0 54.0

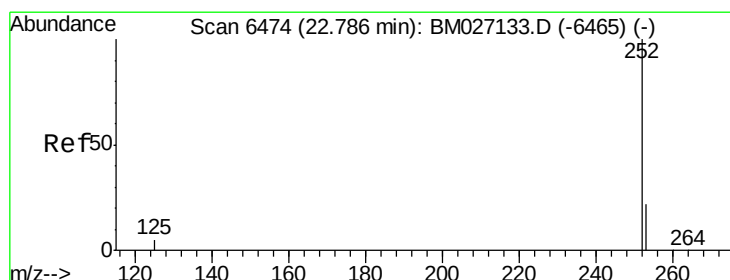
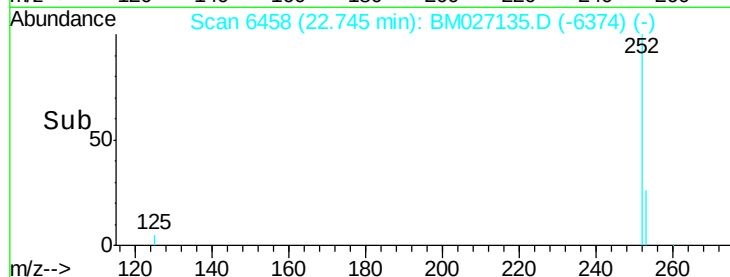
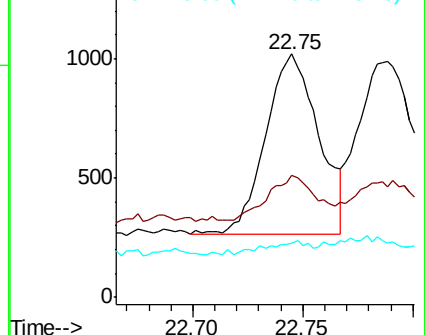
125 22.1 0.0 20.8#



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



#22

Benzo(k)fluoranthene

Concen: 0.072 ng/ul

RT: 22.79 min Scan# 6476

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

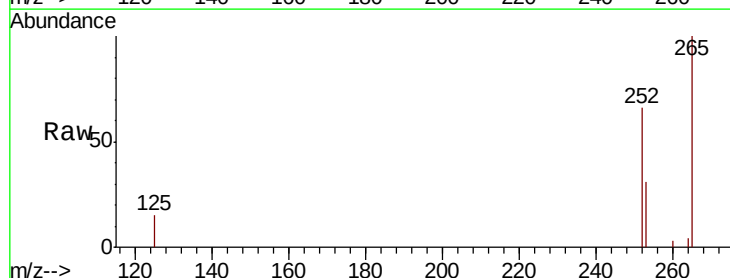
Tgt Ion:252 Resp: 1348

Ion Ratio Lower Upper

252 100

253 46.6 21.7 32.5#

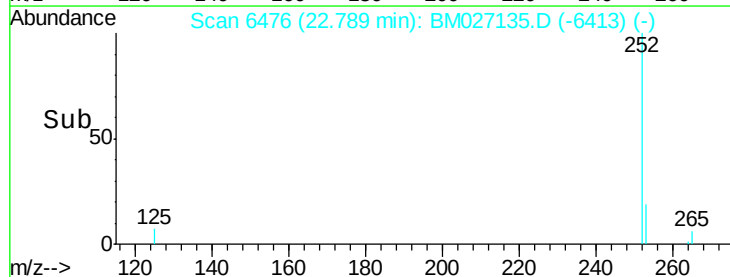
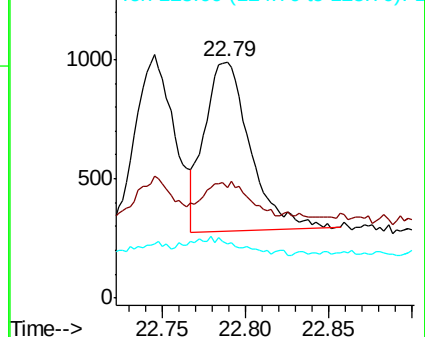
125 23.1 7.9 11.9#

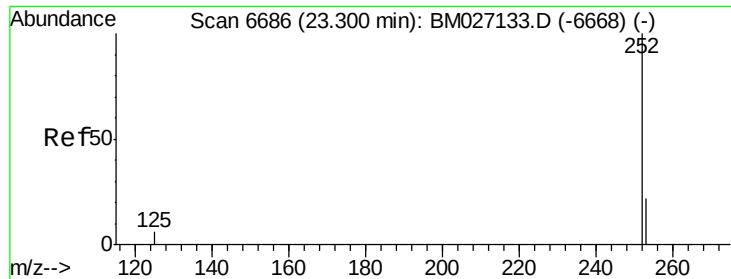


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.073 ng/ul

RT: 23.30 min Scan# 6687

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-04

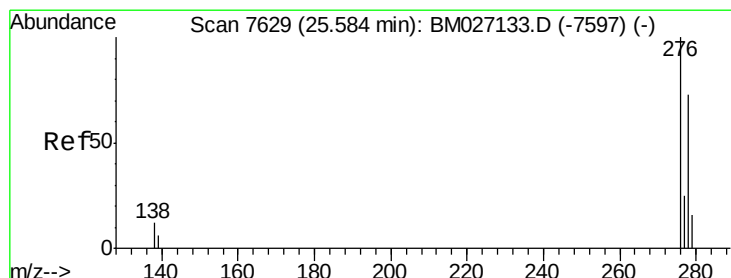
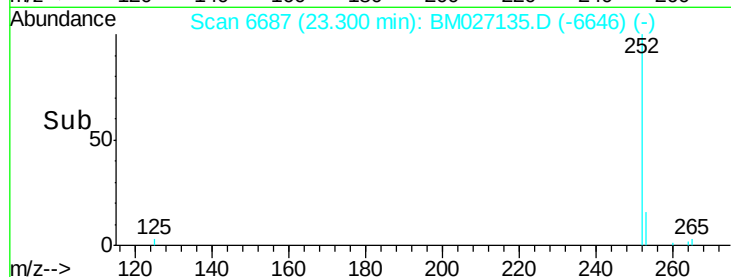
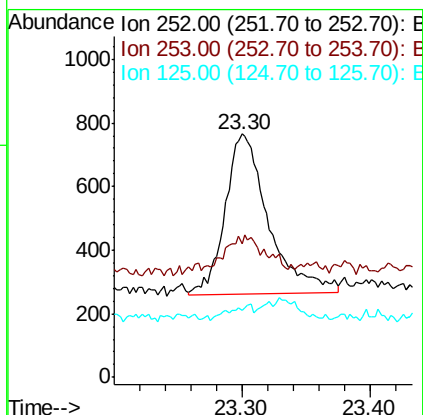
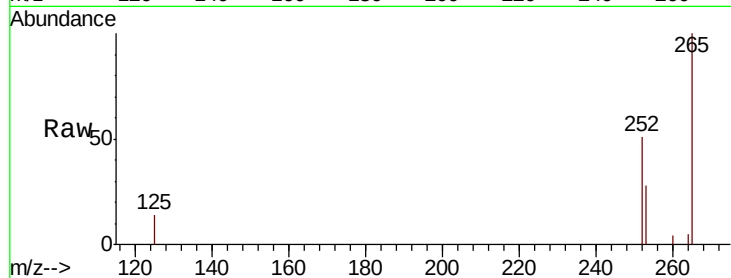
Tot Ion:252 Resp: 1187

Ion Ratio Lower Upper

252 100

253 54.7 23.4 35.0#

125 27.4 9.4 14.2#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.065 ng/ul

RT: 25.58 min Scan# 7630

Delta R.T. 0.00 min

Lab File: BM027135.D

Acq: 19 Aug 2020 09:50

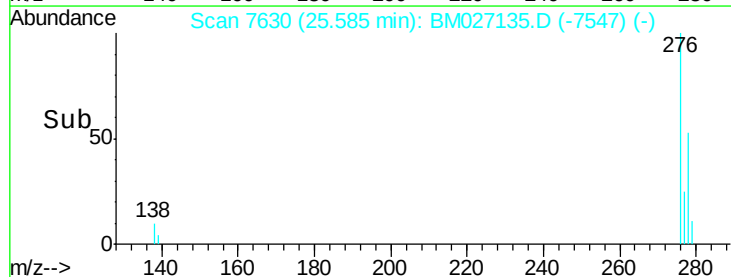
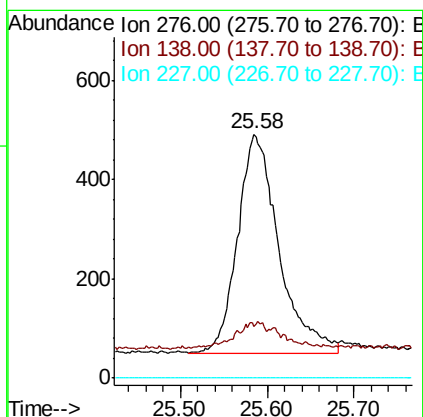
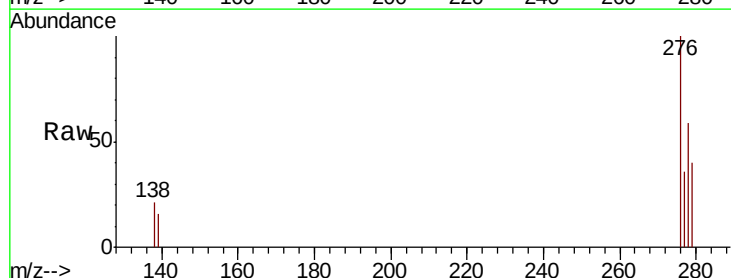
Tgt Ion:276 Resp: 1460

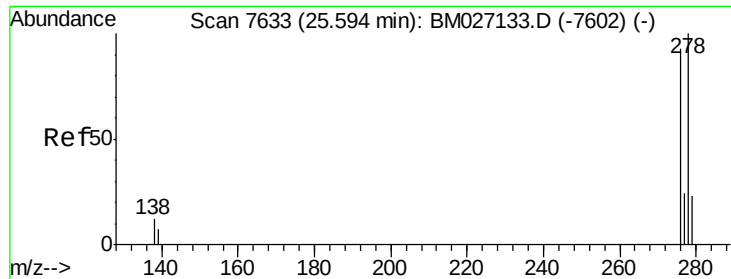
Ion Ratio Lower Upper

276 100

138 12.1 12.2 18.2#

227 0.0 0.0 0.0

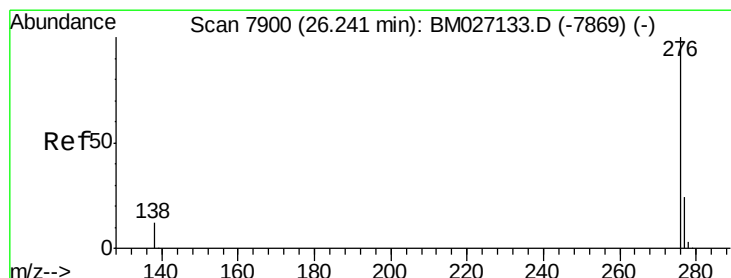
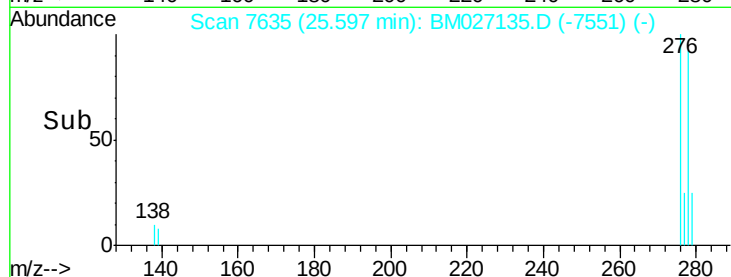
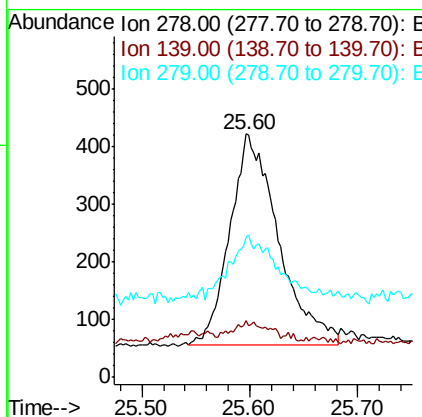
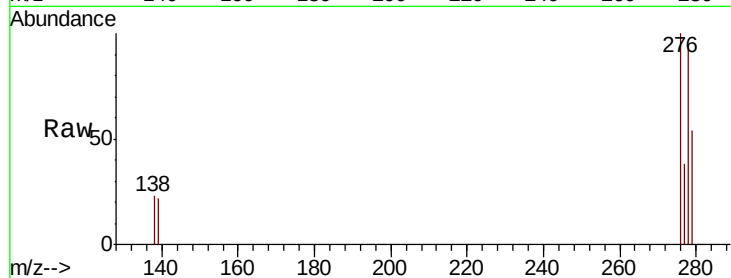




#25
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 25.60 min Scan# 7635
Delta R.T. 0.00 min
Lab File: BM027135.D
Acq: 19 Aug 2020 09:50

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-04

Tot Ion:278 Resp: 1137
Ion Ratio Lower Upper
278 100
139 23.5 10.0 15.0#
279 57.3 22.9 34.3#



#26
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.25 min Scan# 7904
Delta R.T. 0.01 min
Lab File: BM027135.D
Acq: 19 Aug 2020 09:50

Tgt Ion:276 Resp: 1280
Ion Ratio Lower Upper
276 100
138 20.3 12.0 18.0#
277 35.6 20.9 31.3#

