Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110620\
Data File : BM027735.D
Acq On : 06 Nov 2020 14:30
Operator : JU/CG
Sample : L4485-12
Misc : SFAM-SIM-MDL-W-03
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-05

Quant Time: Nov 06 15:08:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:00:57 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.400	152	329	0.40	ng/ul	0.00
4) Naphthalene-d8	11.233	136	1072	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.009	164	671	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.721	188	1507	0.40	ng/ul	0.00
19) Chrysene-d12	21.820	240	1324	0.40	ng/ul	0.00
23) Perylene-d12	24.264	264	1218	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.539	96	164	0.49	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.794	152	516	0.29	ng/ul	0.00
17) Fluoranthene-d10	19.703	212	1161	0.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.580	88	36	0.10	ng/ul	84
5) Naphthalene	11.287	128	216	0.07	ng/ul#	51
7) 2-Methylnaphthalene	12.866	142	151	0.07	ng/ul	100
8) 1-Methylnaphthalene	13.086	142	141	0.07	ng/ul	98
10) Acenaphthylene	14.732	152	200	0.07	ng/ul#	61
11) Acenaphthene	15.069	153	162	0.07	ng/ul#	92
12) Fluorene	16.040	166	183	0.07	ng/ul#	82
14) Pentachlorophenol	17.367	266	41	0.08	ng/ul	91
15) Phenanthrene	17.759	178	307	0.07	ng/ul#	77
16) Anthracene	17.849	178	300	0.07	ng/ul#	70
18) Fluoranthene	19.733	202	377	0.07	ng/ul#	66
20) Pyrene	20.091	202	385	0.07	ng/ul#	69
21) Benzo(a)anthracene	21.800	228	381	0.08	ng/ul#	84
22) Chrysene	21.856	228	394	0.08	ng/ul#	81
24) Benzo(b)fluoranthene	23.515	252	393	0.08	ng/ul#	60
25) Benzo(k)fluoranthene	23.566	252	382	0.08	ng/ul#	62
26) Benzo(a)pyrene	24.157	252	336	0.08	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.793	276	410	0.08	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.813	278	353	0.08	ng/ul#	51
29) Benzo(g,h,i)perylene	27.578	276	355	0.08	ng/ul#	67

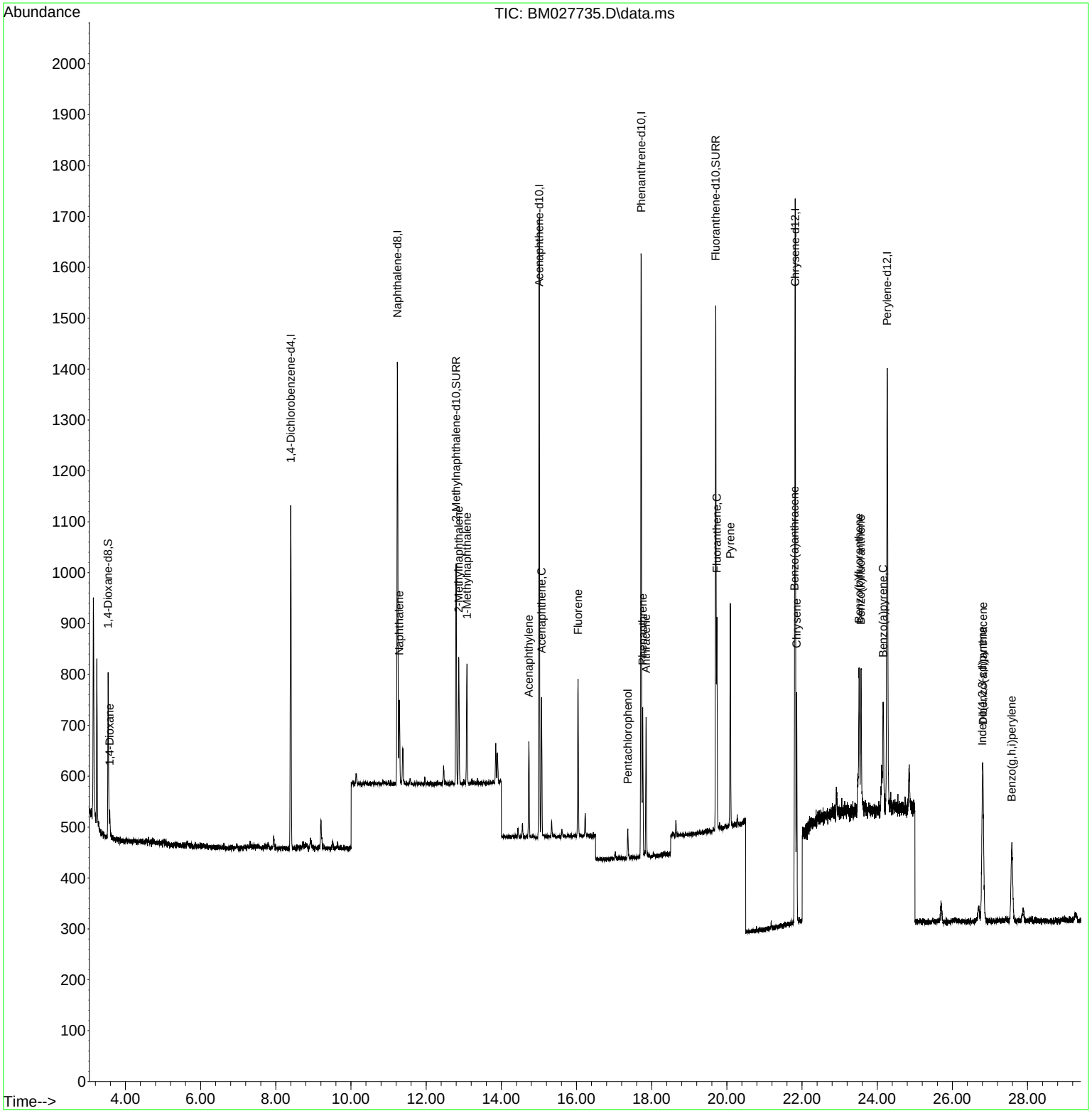
(#) = qualifier out of range (m) = manual integration (+) = signals summed

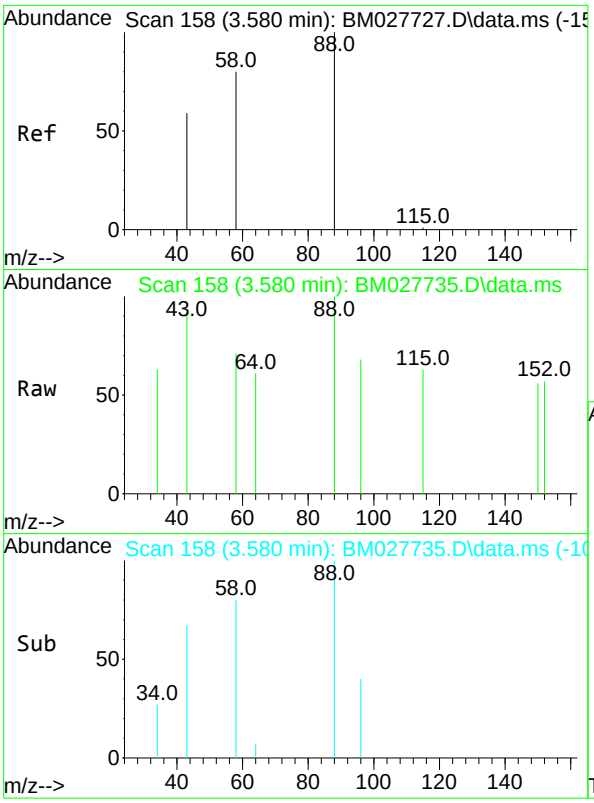
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110620\
Data File : BM027735.D
Acq On : 06 Nov 2020 14:30
Operator : JU/CG
Sample : L4485-12
Misc : SFAM-SIM-MDL-W-03
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Quant Time: Nov 06 15:08:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:00:57 2020
Response via : Initial Calibration

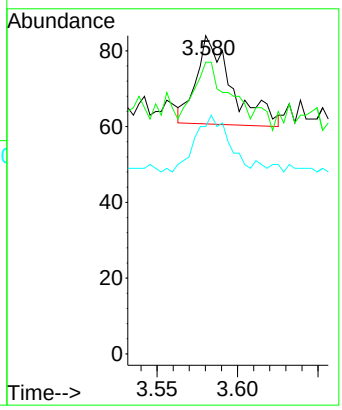




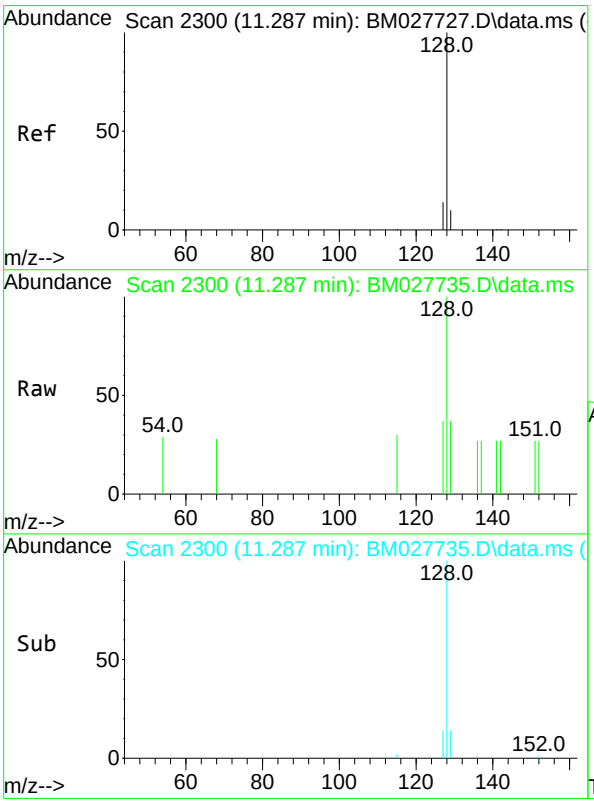
#2
1,4-Dioxane
Concen: 0.10 ng/ul
RT: 3.580 min Scan# 158
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
43	91.7	61.8	92.6
58	71.4	67.8	101.8



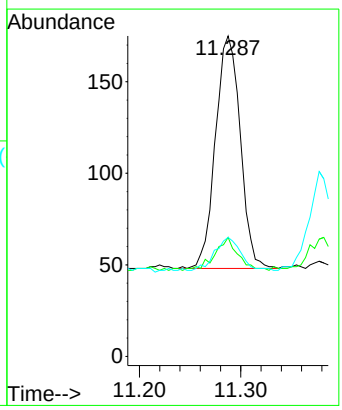
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

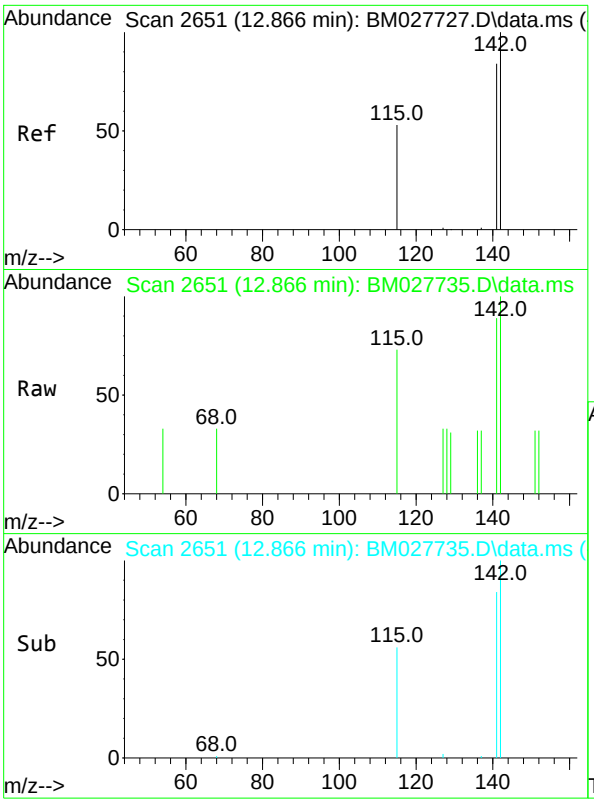


#5
Naphthalene
Concen: 0.07 ng/ul
RT: 11.287 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:128 Resp: 216

Ion	Ratio	Lower	Upper
128	100		
129	37.1	11.7	17.5#
127	37.1	14.0	21.0#

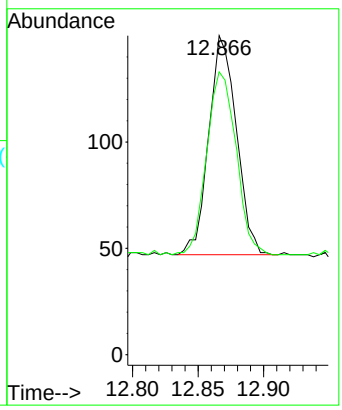




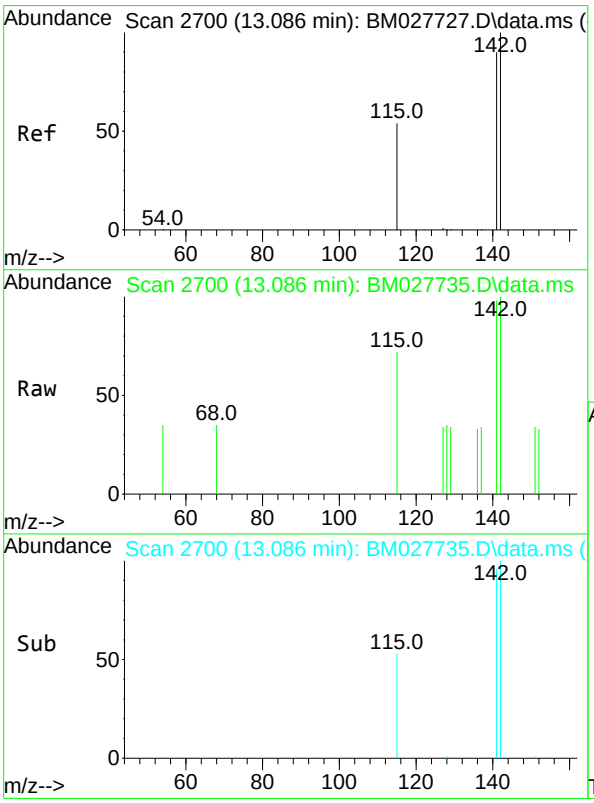
#7
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.866 min Scan# 2651
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:142 Resp: 151

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8



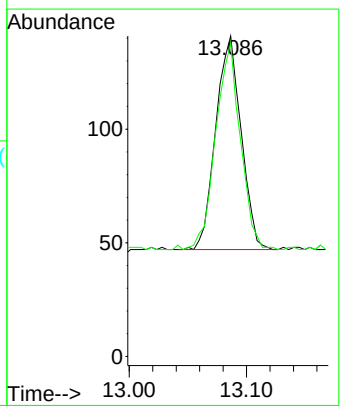
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05



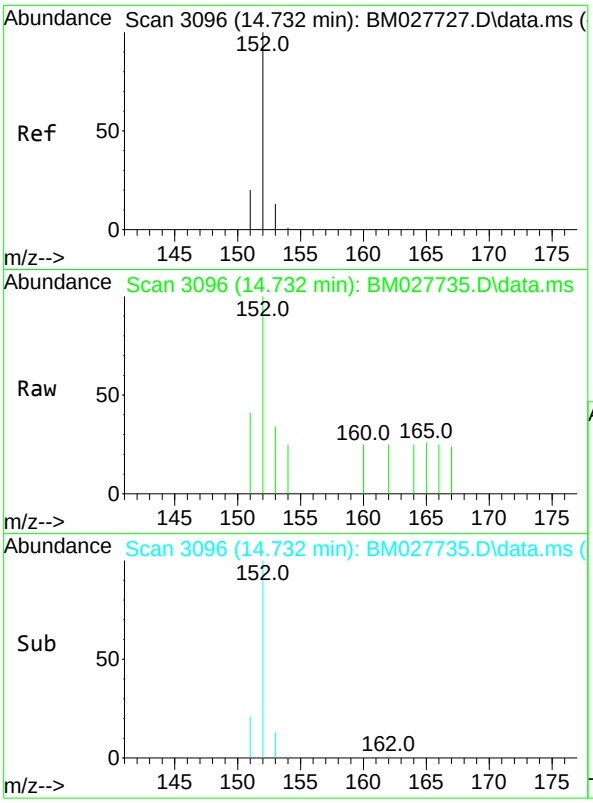
#8
1-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 13.086 min Scan# 2700
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:142 Resp: 141

Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.1	111.1



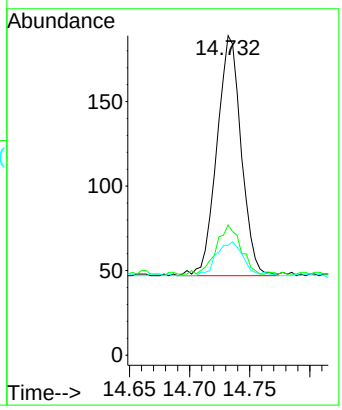
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

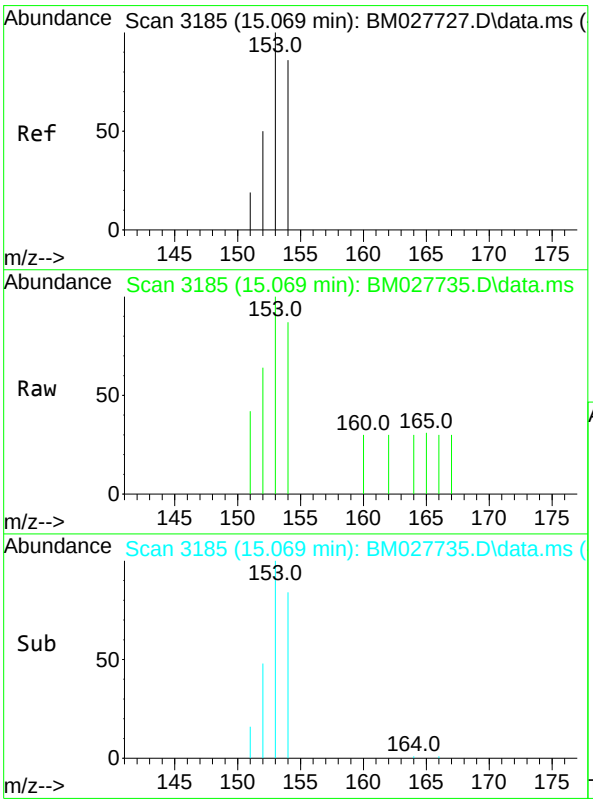


#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 14.732 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:152 Resp: 200

Ion	Ratio	Lower	Upper
152	100		
151	40.7	17.8	26.8#
153	34.4	13.5	20.3#

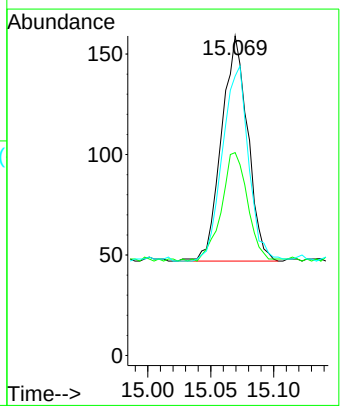




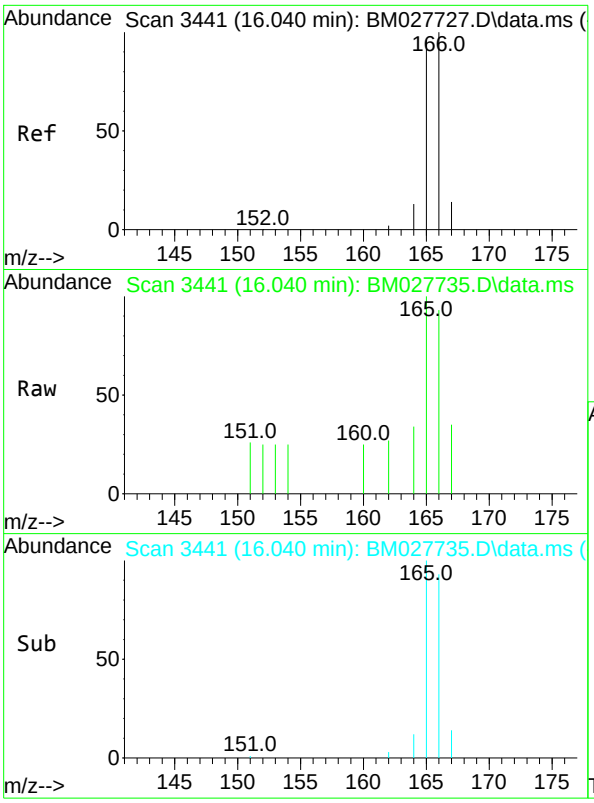
#11
Acenaphthene
Concen: 0.07 ng/ul
RT: 15.069 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:153 Resp: 162

Ion	Ratio	Lower	Upper
153	100		
152	63.5	40.6	60.8#
154	87.4	71.0	106.4



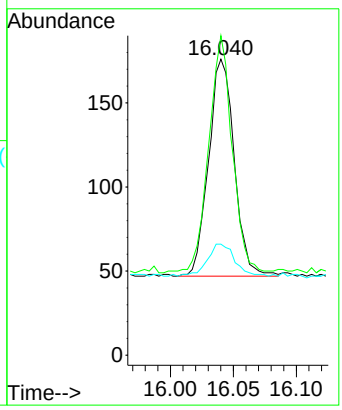
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

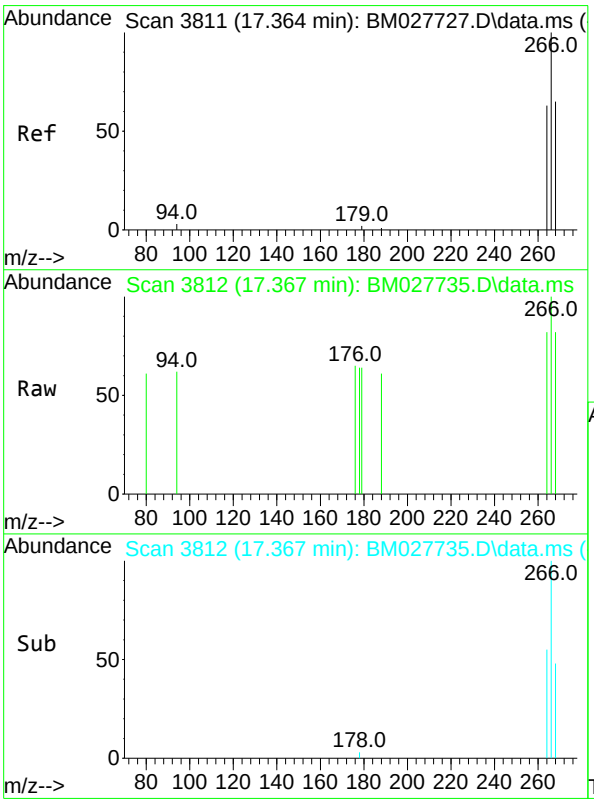


#12
Fluorene
Concen: 0.07 ng/ul
RT: 16.040 min Scan# 3441
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:166 Resp: 183

Ion	Ratio	Lower	Upper
166	100		
165	108.0	76.2	114.4
167	37.5	13.7	20.5#

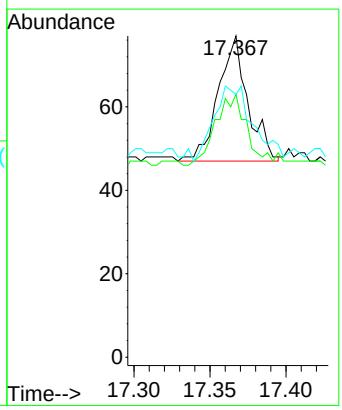




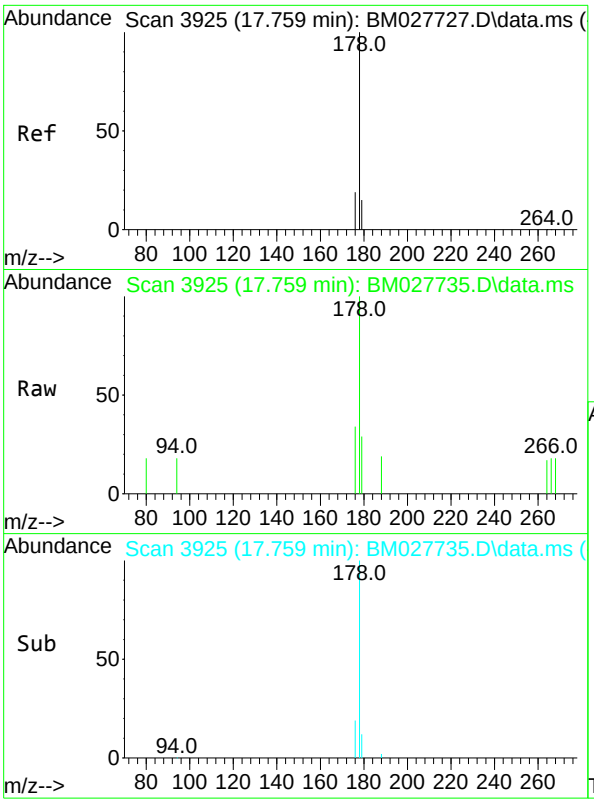
#14
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 17.367 min Scan# 3812
Delta R.T. 0.003 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:266 Resp: 41

Ion	Ratio	Lower	Upper
266	100		
264	63.4	48.2	72.4
268	78.0	53.4	80.0



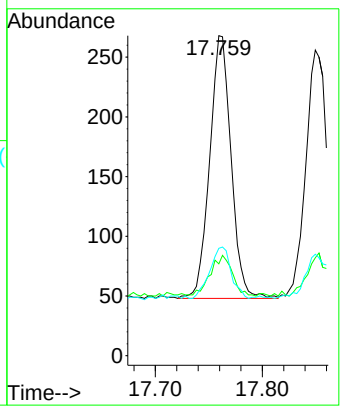
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

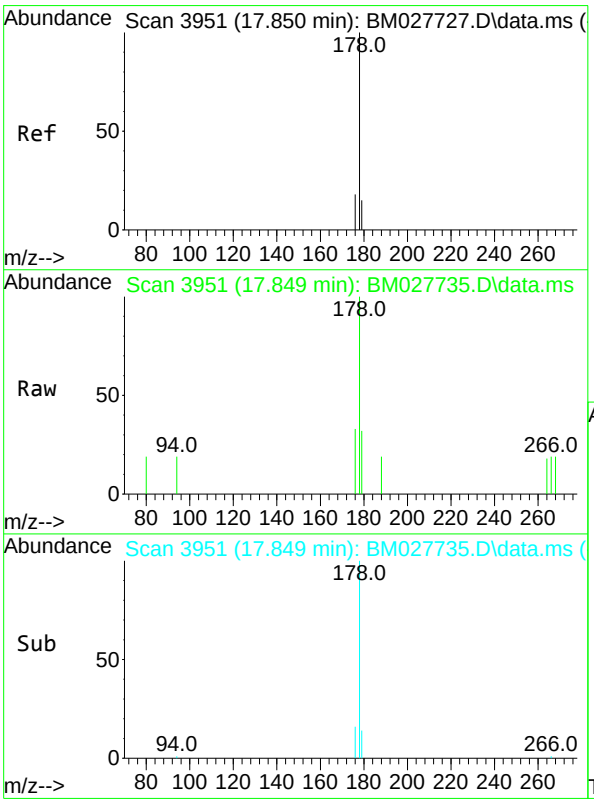


#15
Phenanthrene
Concen: 0.07 ng/ul
RT: 17.759 min Scan# 3925
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:178 Resp: 307

Ion	Ratio	Lower	Upper
178	100		
179	28.7	14.6	22.0#
176	33.6	18.2	27.2#

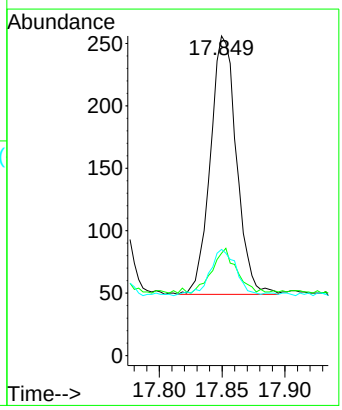




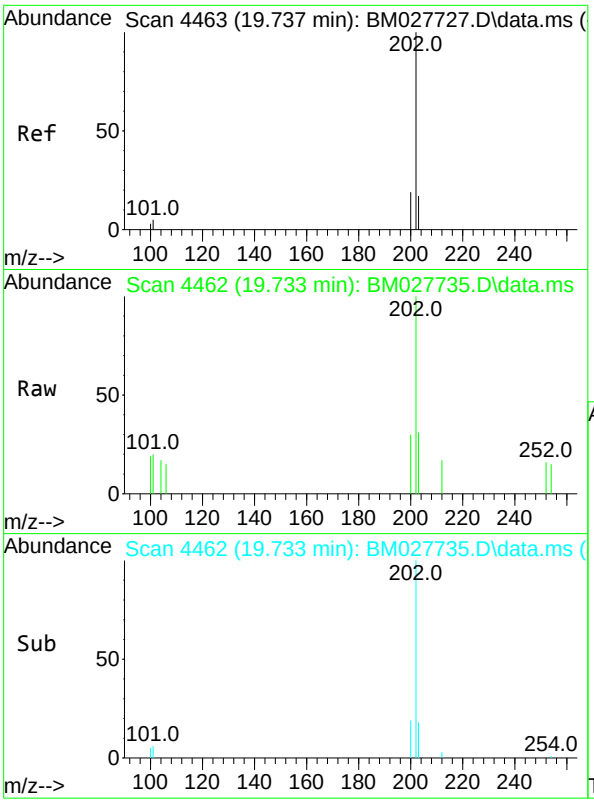
#16
Anthracene
Concen: 0.07 ng/ul
RT: 17.849 min Scan# 3951
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:178 Resp: 300

Ion	Ratio	Lower	Upper
178	100		
179	32.0	14.1	21.1#
176	33.2	16.3	24.5#



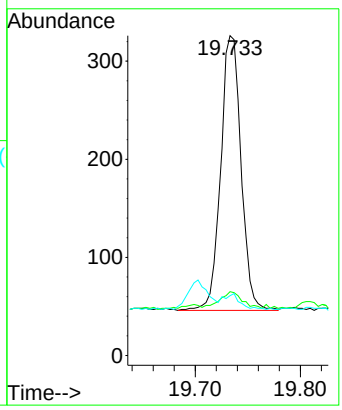
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

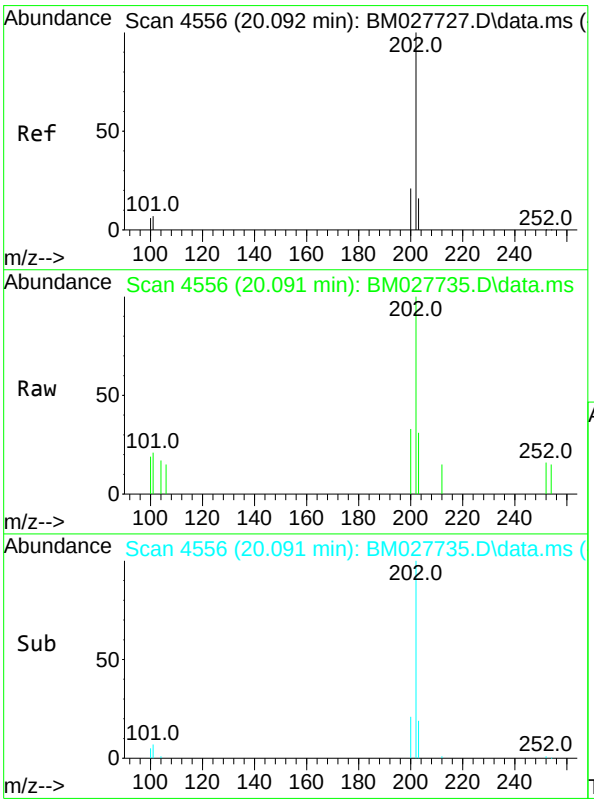


#18
Fluoranthene
Concen: 0.07 ng/ul
RT: 19.733 min Scan# 4462
Delta R.T. -0.004 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:202 Resp: 377

Ion	Ratio	Lower	Upper
202	100		
101	19.9	6.1	9.1#
100	18.7	5.8	8.6#

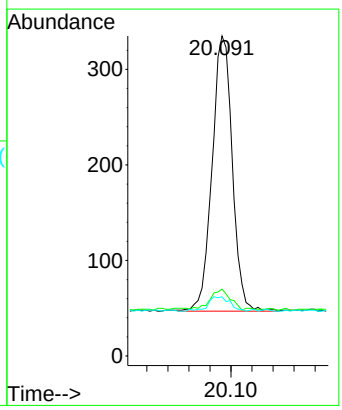




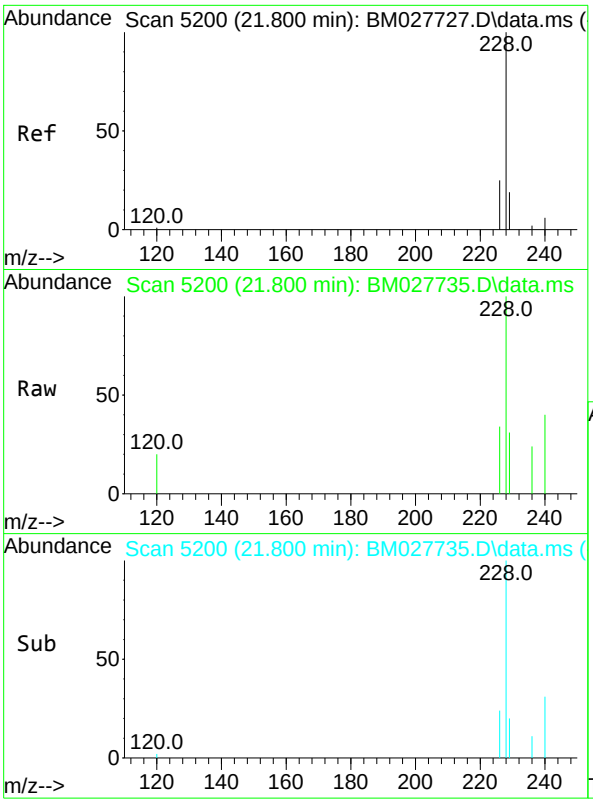
#20
Pyrene
Concen: 0.07 ng/ul
RT: 20.091 min Scan# 4556
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:202 Resp: 385

Ion	Ratio	Lower	Upper
202	100		
101	20.9	7.4	11.0#
100	18.5	6.6	9.8#



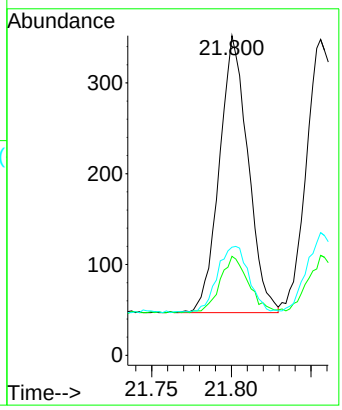
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

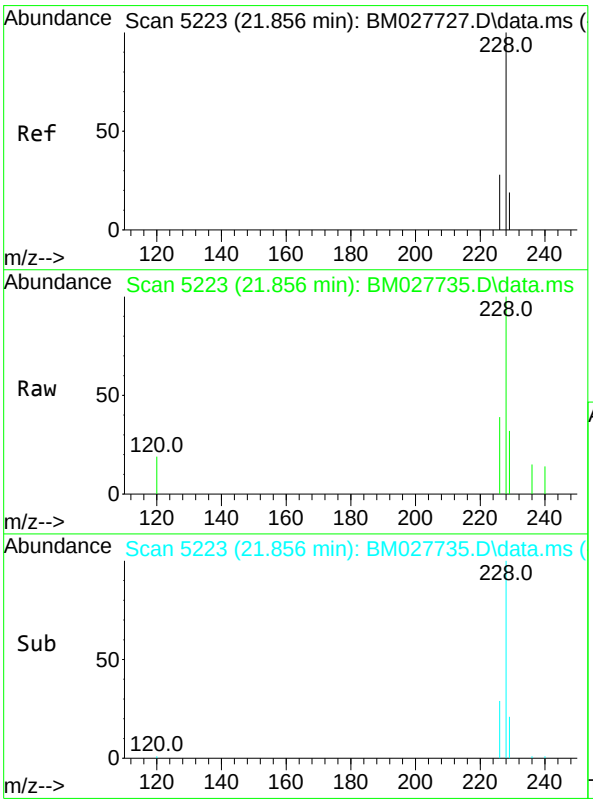


#21
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 21.800 min Scan# 5200
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:228 Resp: 381

Ion	Ratio	Lower	Upper
228	100		
229	31.0	17.0	25.4#
226	33.8	22.0	33.0#

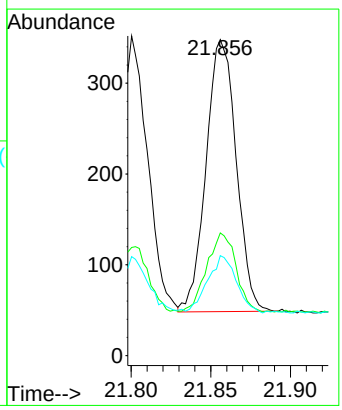


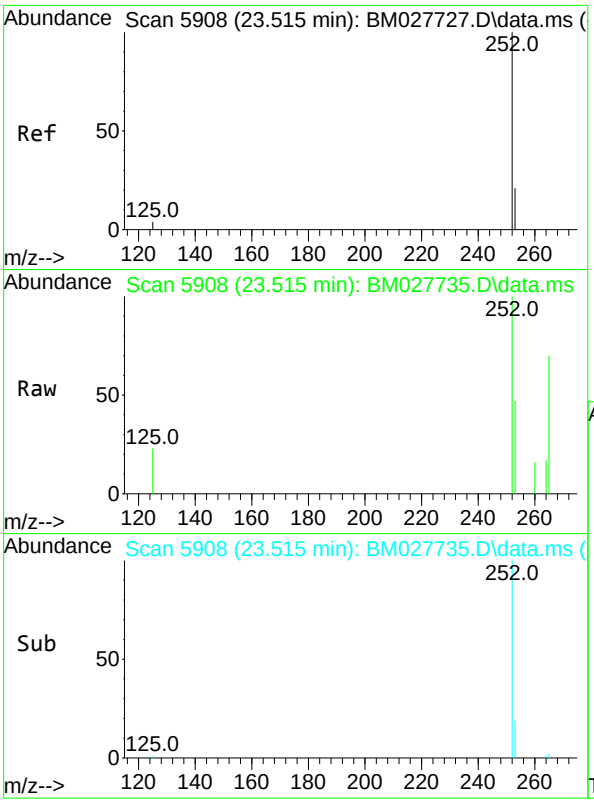


#22
Chrysene
Concen: 0.08 ng/ul
RT: 21.856 min Scan# 5223
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:228 Resp: 394

Ion	Ratio	Lower	Upper
228	100		
226	38.8	24.0	36.0#
229	31.6	16.9	25.3#

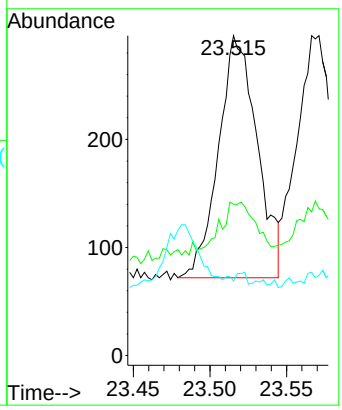




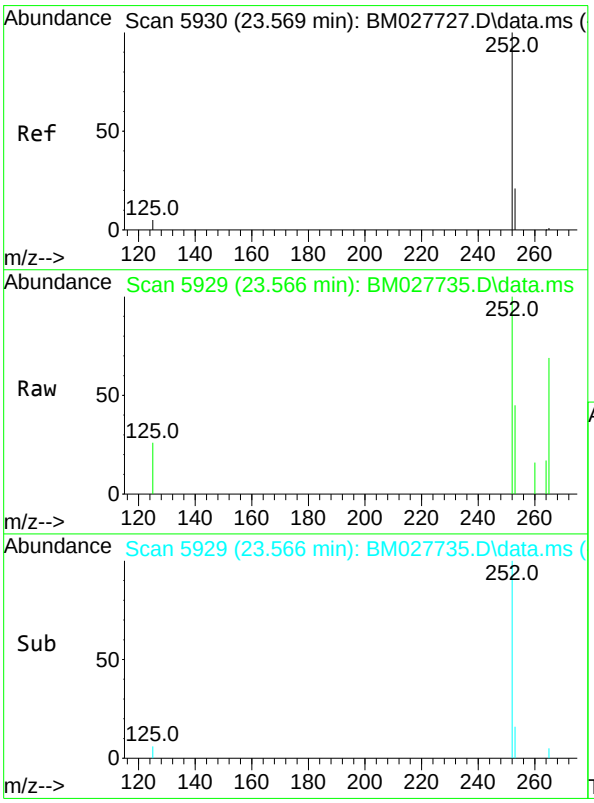
#24
Benzo(b)fluoranthene
Concen: 0.08 ng/ul
RT: 23.515 min Scan# 5908
Delta R.T. -0.000 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:252 Resp: 393

Ion	Ratio	Lower	Upper
252	100		
253	47.3	0.0	53.0
125	23.3	0.0	17.6#



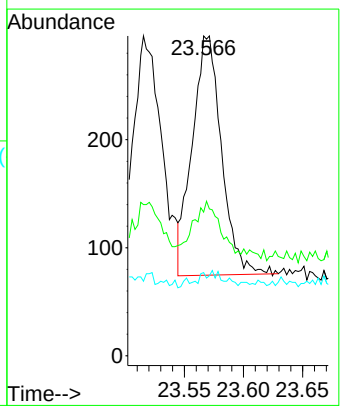
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

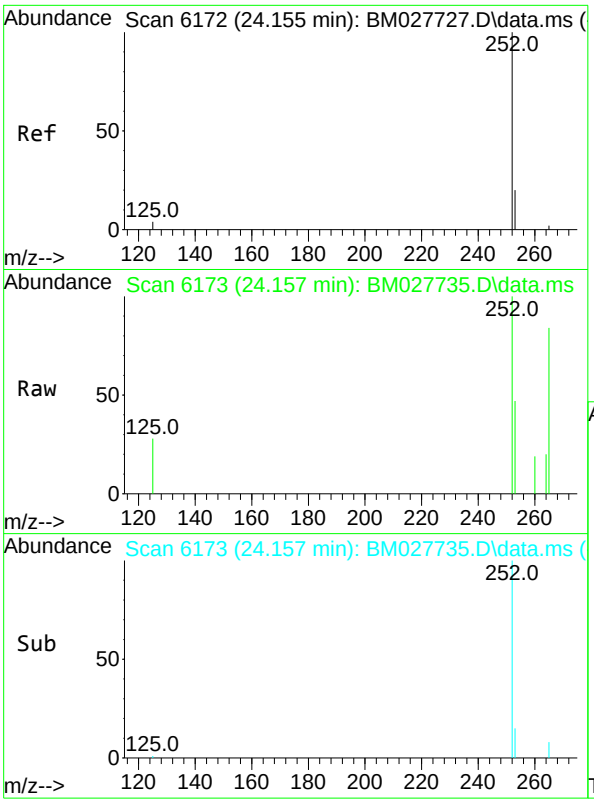


#25
Benzo(k)fluoranthene
Concen: 0.08 ng/ul
RT: 23.566 min Scan# 5929
Delta R.T. -0.002 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:252 Resp: 382

Ion	Ratio	Lower	Upper
252	100		
253	44.9	21.4	32.2#
125	26.0	7.4	11.0#

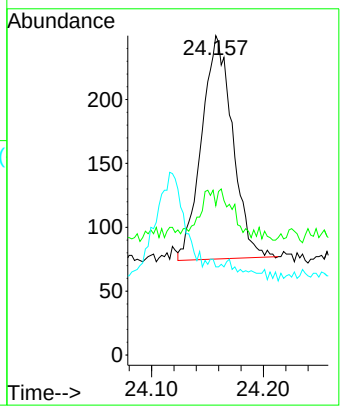




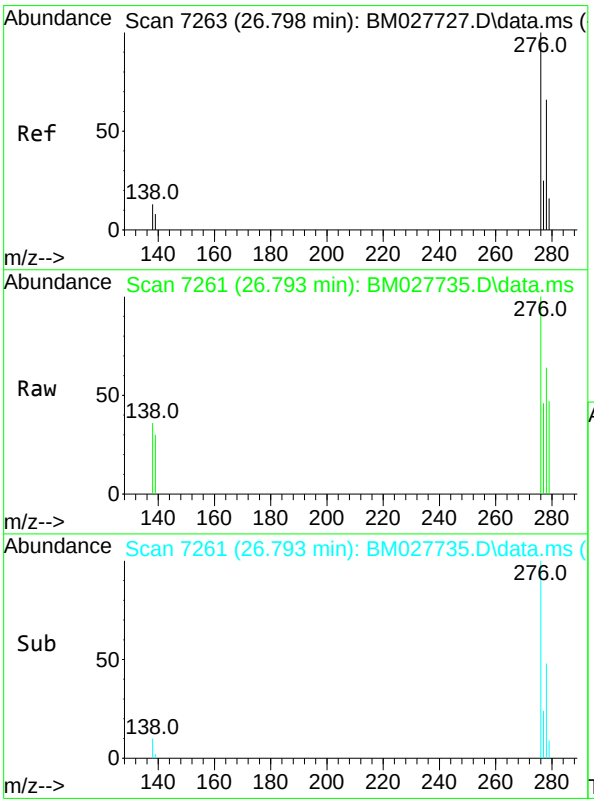
#26
Benzo(a)pyrene
Concen: 0.08 ng/ul
RT: 24.157 min Scan# 6173
Delta R.T. 0.002 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:252 Resp: 336

Ion	Ratio	Lower	Upper
252	100		
253	46.8	22.3	33.5#
125	27.6	8.8	13.2#



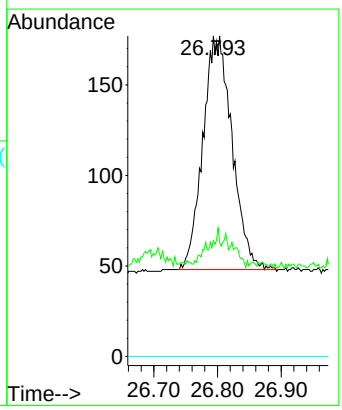
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

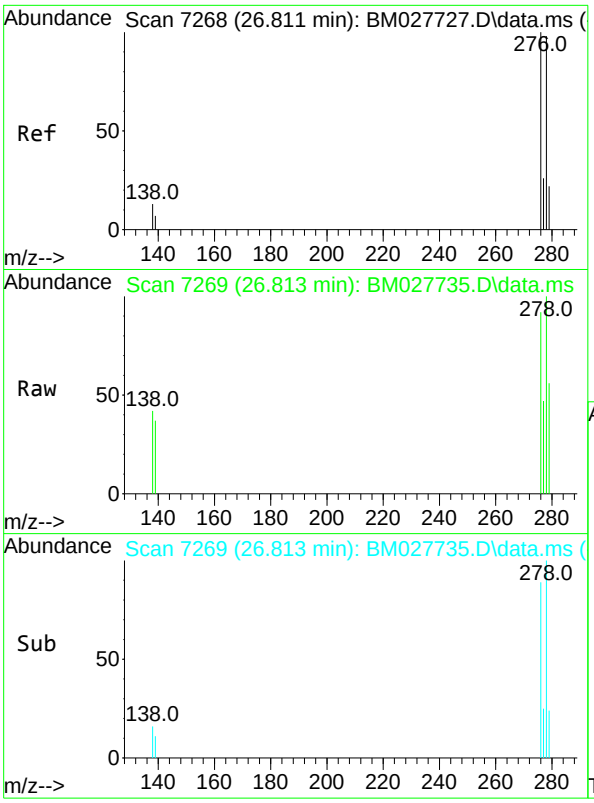


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 26.793 min Scan# 7261
Delta R.T. -0.005 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:276 Resp: 410

Ion	Ratio	Lower	Upper
276	100		
138	3.7	11.0	16.6#
227	0.0	0.0	0.0

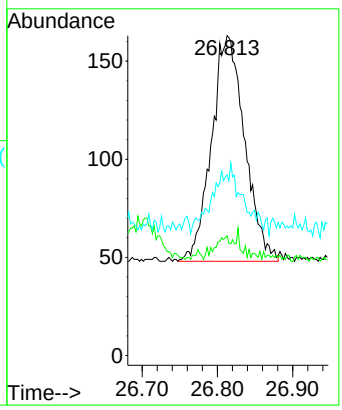


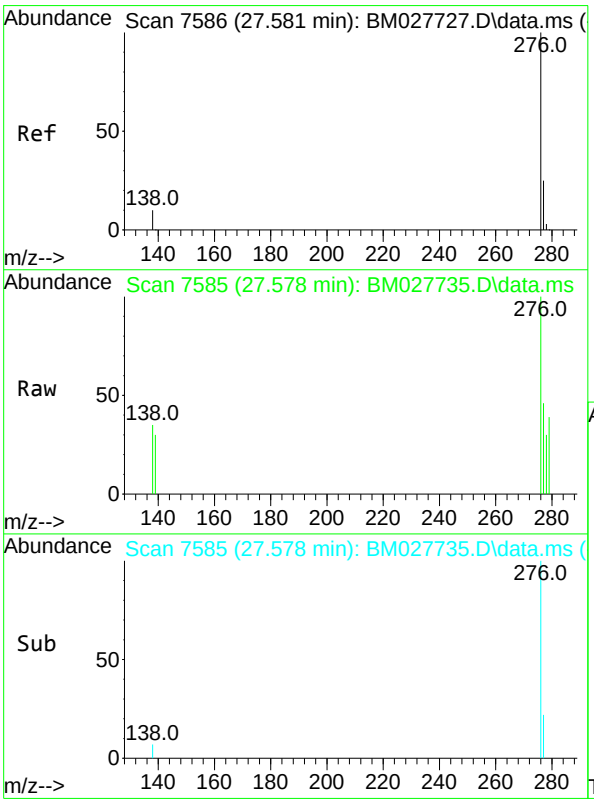


#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 26.813 min Scan# 7269
Delta R.T. 0.002 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:278 Resp: 353

Ion	Ratio	Lower	Upper
278	100		
139	37.4	12.6	18.8#
279	56.4	24.3	36.5#

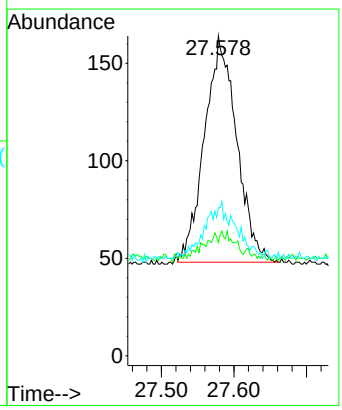




#29
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 27.578 min Scan# 7585
Delta R.T. -0.002 min
Lab File: BM027735.D
Acq: 06 Nov 2020 14:30

Tgt Ion:276 Resp: 355

Ion	Ratio	Lower	Upper
276	100		
138	35.4	15.0	22.4#
277	46.3	24.2	36.2#



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05