Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110720\
Data File : BM027745.D
Acq On : 07 Nov 2020 05:48
Operator : JU/CG
Sample : L4485-13
Misc : SFAM-SIM-MDL-W-07
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-06

Quant Time: Nov 07 06:54:48 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 : Sat Nov 07 02:24:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.393	152	574	0.40	ng/ul	0.00
4) Naphthalene-d8	11.233	136	1936	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.005	164	1150	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.718	188	2452	0.40	ng/ul	0.00
19) Chrysene-d12	21.815	240	1952	0.40	ng/ul	0.00
23) Perylene-d12	24.259	264	1740	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.539	96	372	0.63	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.794	152	878	0.27	ng/ul	0.00
17) Fluoranthene-d10	19.703	212	1765	0.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	47	0.07	ng/ul	90
5) Naphthalene	11.283	128	342	0.06	ng/ul#	71
7) 2-Methylnaphthalene	12.866	142	230	0.06	ng/ul	99
8) 1-Methylnaphthalene	13.082	142	222	0.06	ng/ul	95
10) Acenaphthylene	14.728	152	308	0.06	ng/ul#	71
11) Acenaphthene	15.069	153	239	0.06	ng/ul	94
12) Fluorene	16.036	166	272	0.06	ng/ul#	87
14) Pentachlorophenol	17.360	266	54	0.07	ng/ul	89
15) Phenanthrene	17.759	178	517	0.07	ng/ul#	87
16) Anthracene	17.849	178	430	0.06	ng/ul#	78
18) Fluoranthene	19.733	202	700	0.08	ng/ul#	86
20) Pyrene	20.091	202	660	0.09	ng/ul#	84
21) Benzo(a)anthracene	21.798	228	570	0.08	ng/ul#	90
22) Chrysene	21.853	228	576	0.08	ng/ul#	88
24) Benzo(b)fluoranthene	23.513	252	550	0.08	ng/ul#	67
25) Benzo(k)fluoranthene	23.559	252	515	0.07	ng/ul#	69
26) Benzo(a)pyrene	24.150	252	463	0.07	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.791	276	558	0.07	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.808	278	443	0.07	ng/ul#	58
29) Benzo(g,h,i)perylene	27.571	276	467	0.07	ng/ul#	72

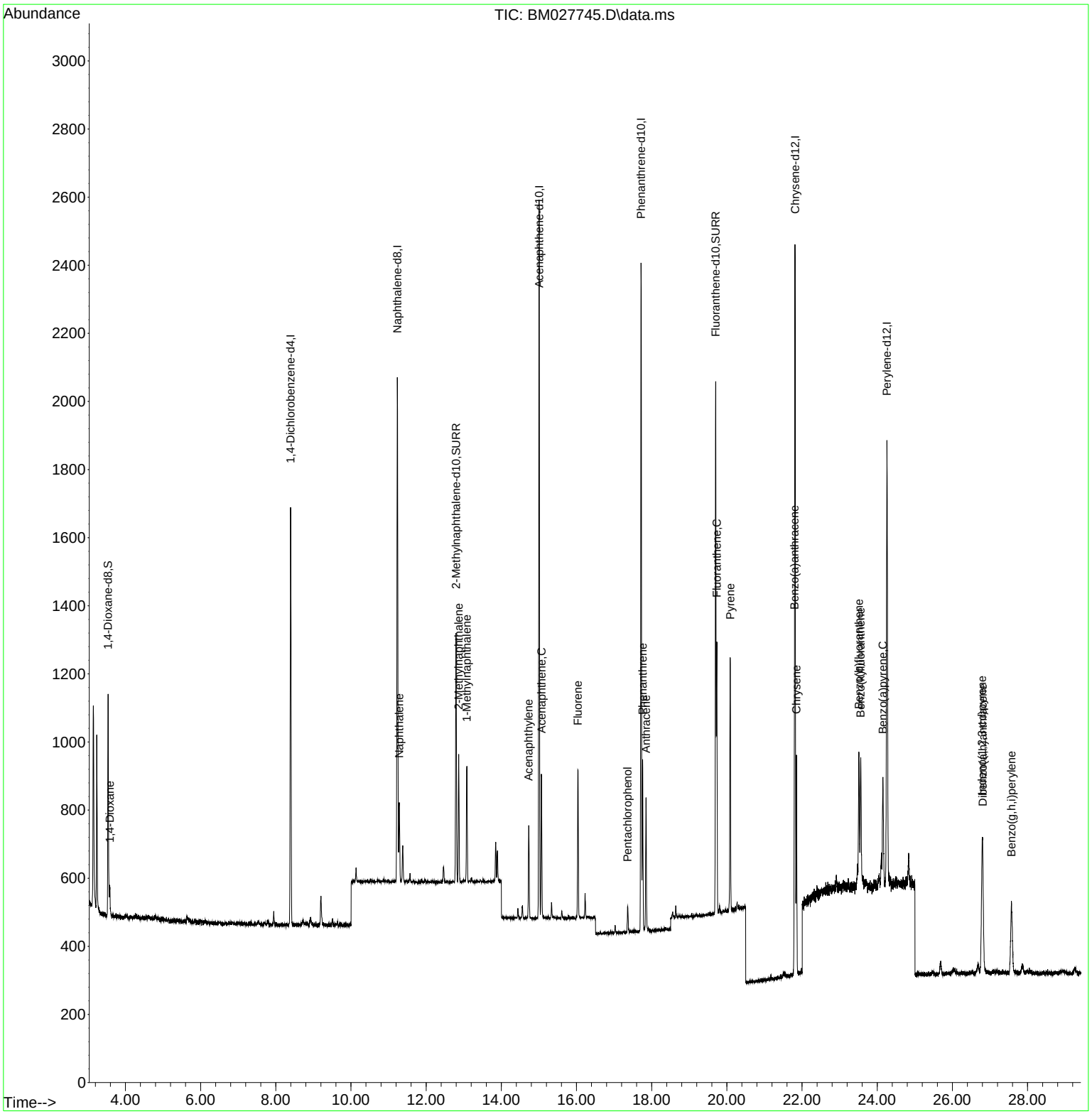
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

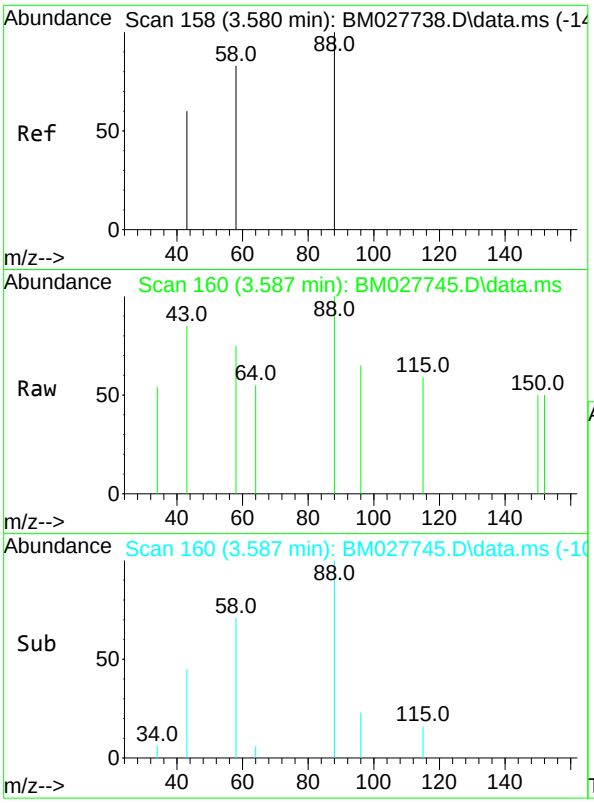
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110720\
Data File : BM027745.D
Acq On : 07 Nov 2020 05:48
Operator : JU/CG
Sample : L4485-13
Misc : SFAM-SIM-MDL-W-07
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

Quant Time: Nov 07 06:54:48 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 : Sat Nov 07 02:24:33 2020
Response via : Initial Calibration



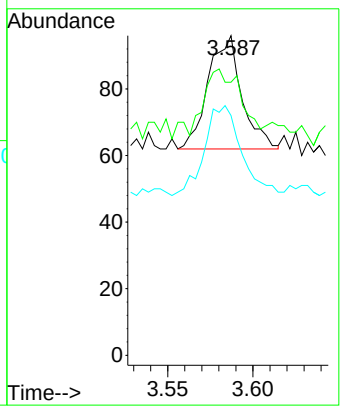
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

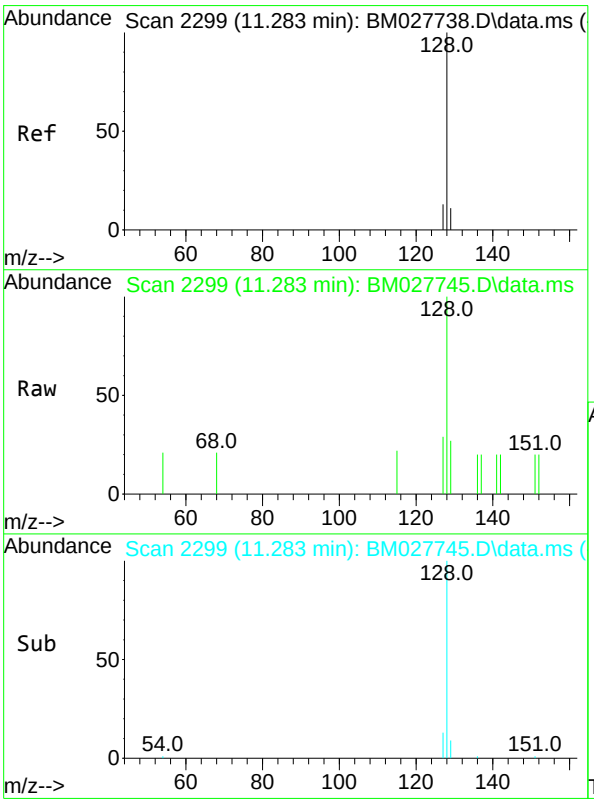


#2
1,4-Dioxane
Concen: 0.07 ng/ul
RT: 3.587 min Scan# 160
Delta R.T. 0.007 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion: 88 Resp: 47

Ion	Ratio	Lower	Upper
88	100		
43	85.4	61.8	92.6
58	75.0	67.8	101.8

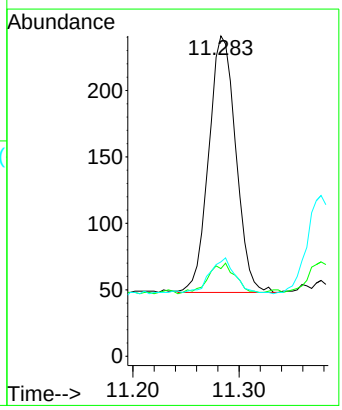




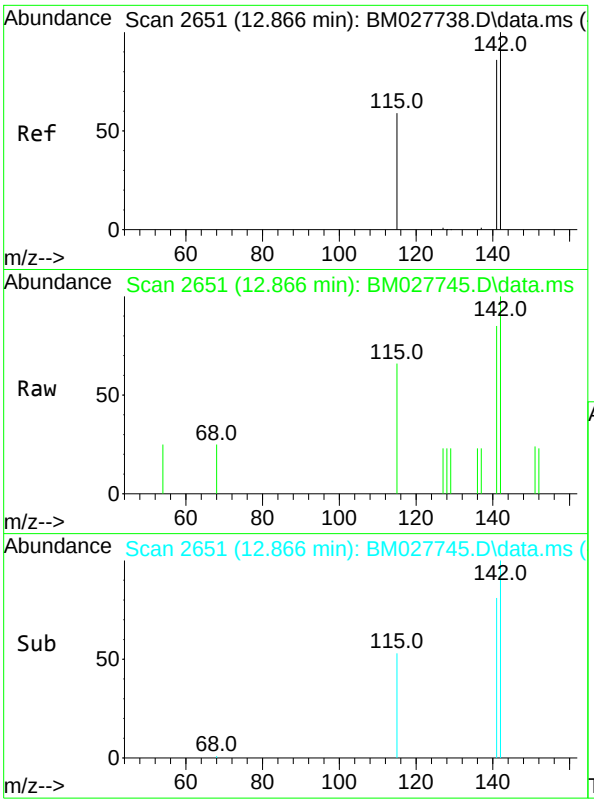
#5
Naphthalene
Concen: 0.06 ng/ul
RT: 11.283 min Scan# 2299
Delta R.T. -0.005 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:128 Resp: 342

Ion	Ratio	Lower	Upper
128	100		
129	27.4	11.7	17.5#
127	29.5	14.0	21.0#



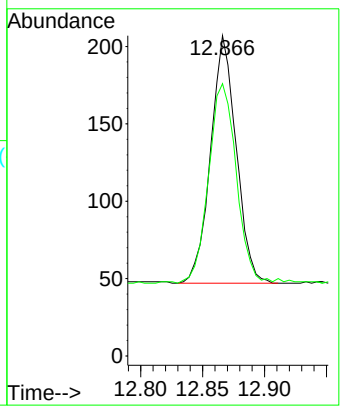
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

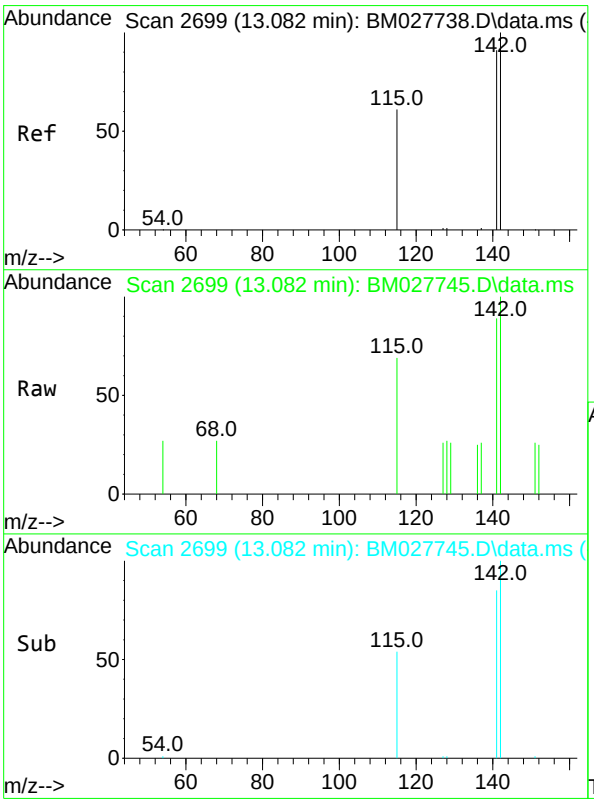


#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.866 min Scan# 2651
Delta R.T. -0.000 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:142 Resp: 230

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8

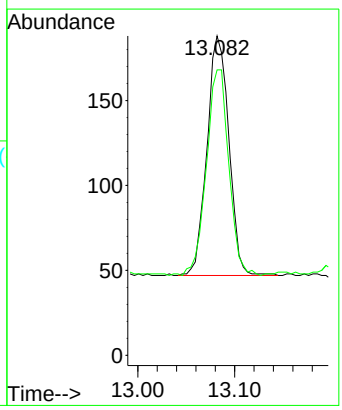




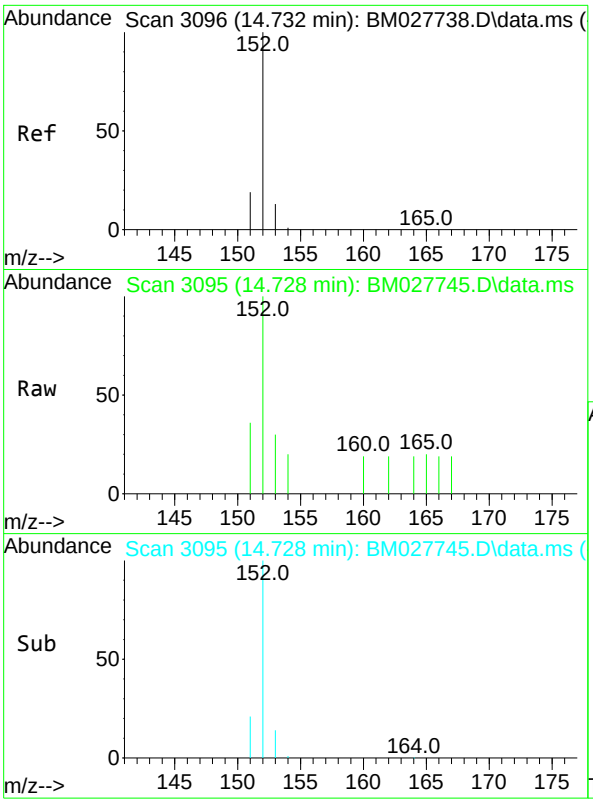
#8
1-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 13.082 min Scan# 2699
Delta R.T. -0.005 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:142 Resp: 222

Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.1	111.1



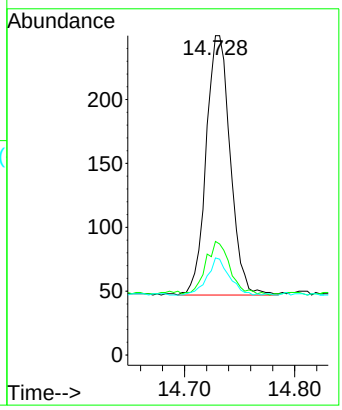
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

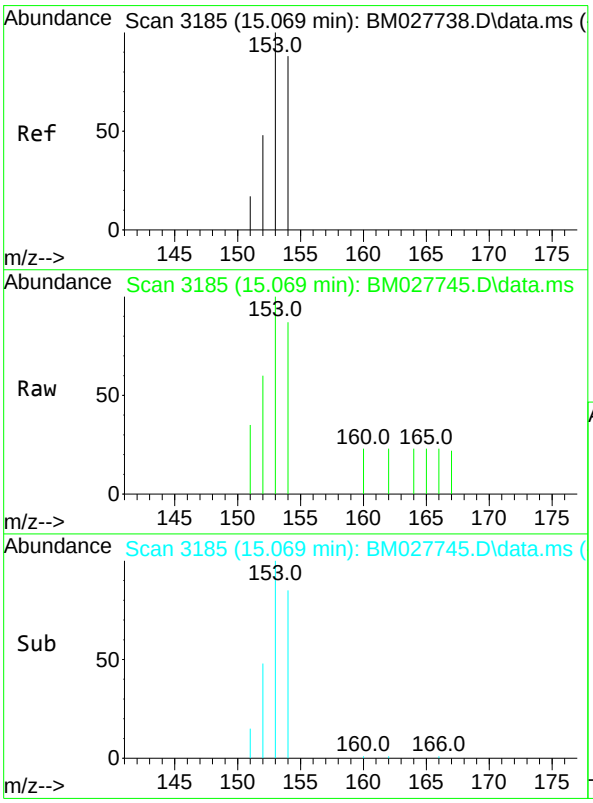


#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 14.728 min Scan# 3095
Delta R.T. -0.004 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:152 Resp: 308

Ion	Ratio	Lower	Upper
152	100		
151	35.6	17.8	26.8#
153	30.4	13.5	20.3#

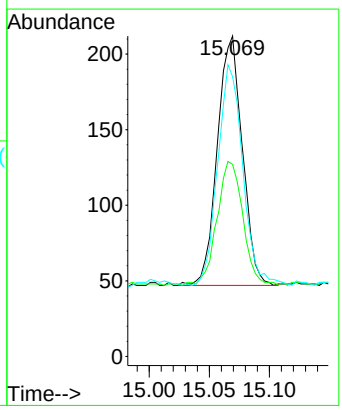




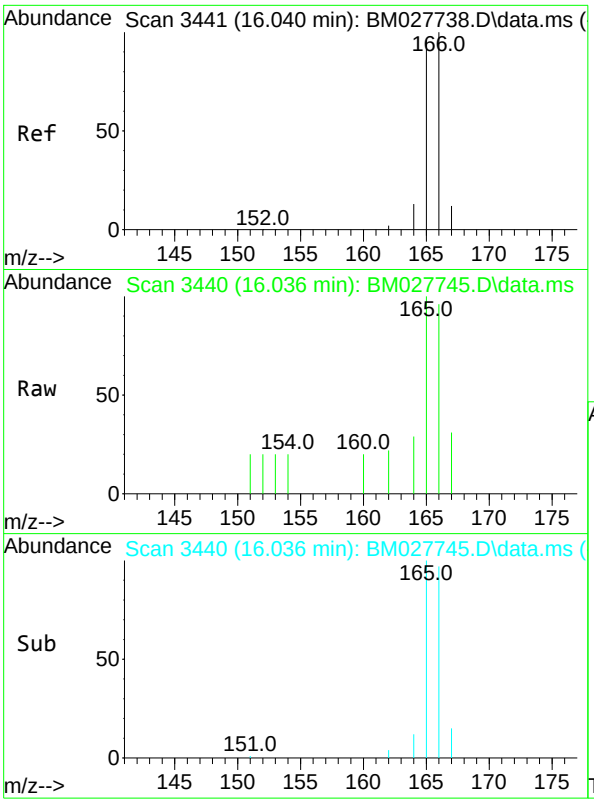
#11
Acenaphthene
Concen: 0.06 ng/ul
RT: 15.069 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:153 Resp: 239

Ion	Ratio	Lower	Upper
153	100		
152	59.9	40.6	60.8
154	87.3	71.0	106.4



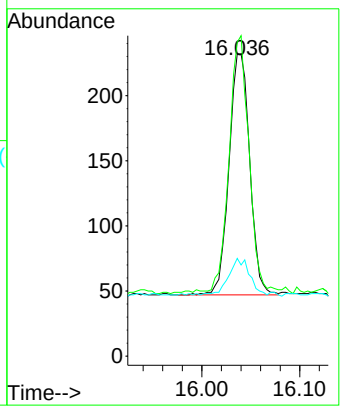
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

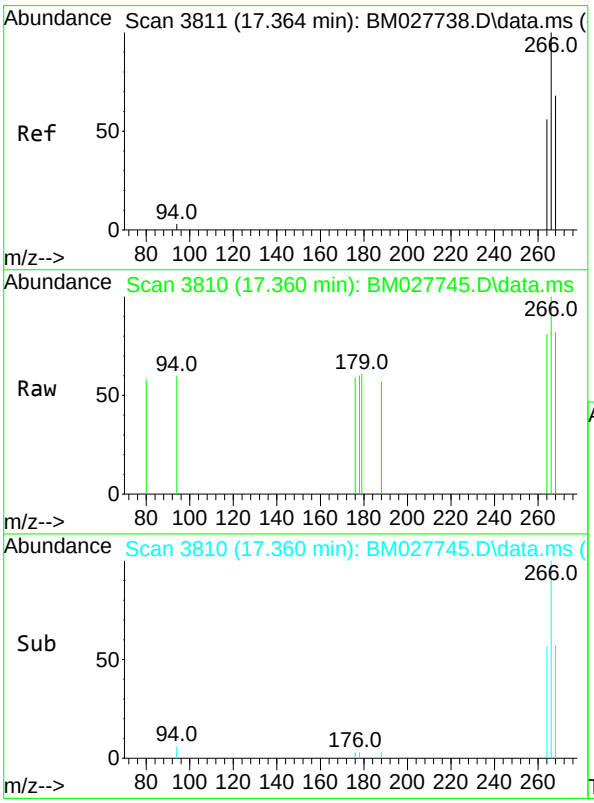


#12
Fluorene
Concen: 0.06 ng/ul
RT: 16.036 min Scan# 3440
Delta R.T. -0.004 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:166 Resp: 272

Ion	Ratio	Lower	Upper
166	100		
165	103.9	76.2	114.4
167	32.3	13.7	20.5#

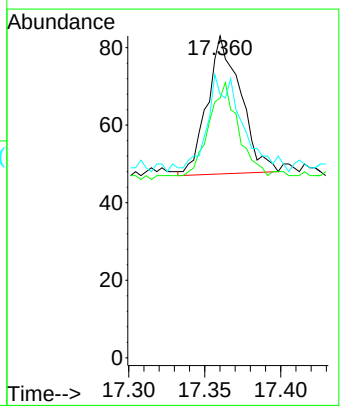




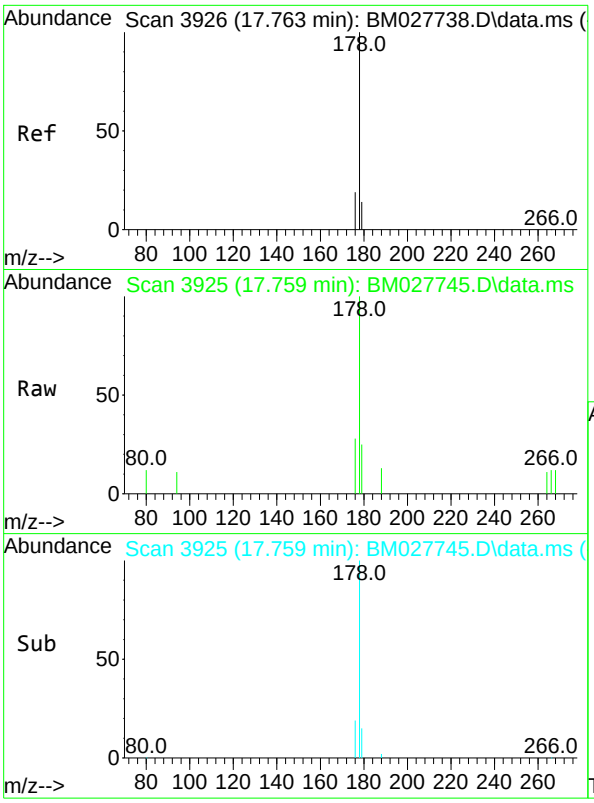
#14
Pentachlorophenol
Concen: 0.07 ng/ul
RT: 17.360 min Scan# 3810
Delta R.T. -0.004 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
264	70.4	48.2	72.4
268	74.1	53.4	80.0



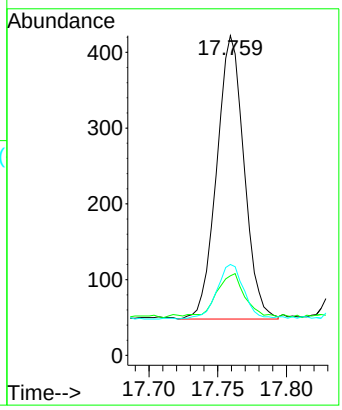
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

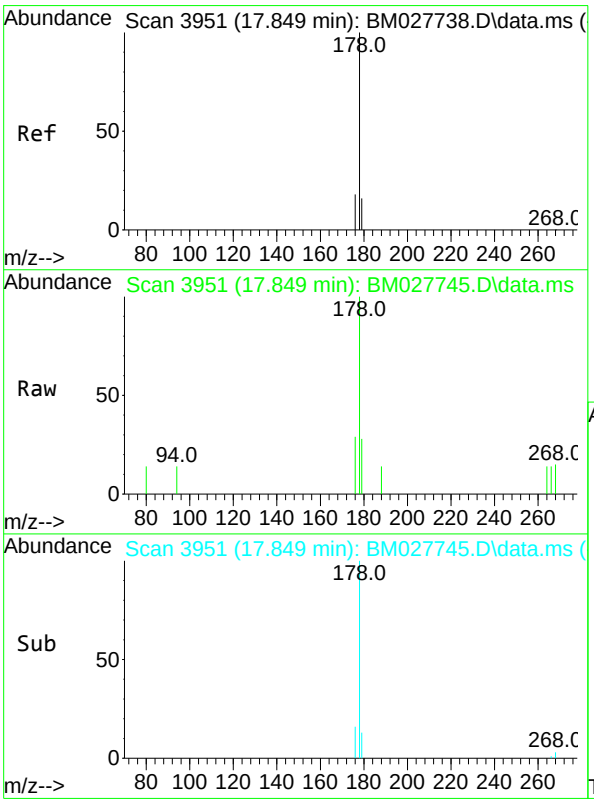


#15
Phenanthrene
Concen: 0.07 ng/ul
RT: 17.759 min Scan# 3925
Delta R.T. -0.000 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:178 Resp: 517

Ion	Ratio	Lower	Upper
178	100		
179	24.9	14.6	22.0#
176	28.4	18.2	27.2#

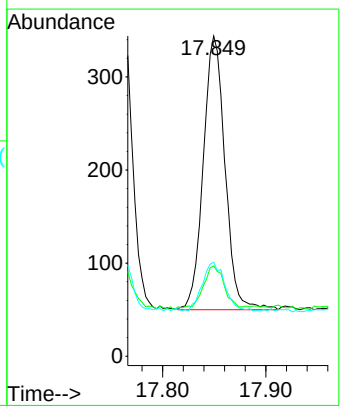




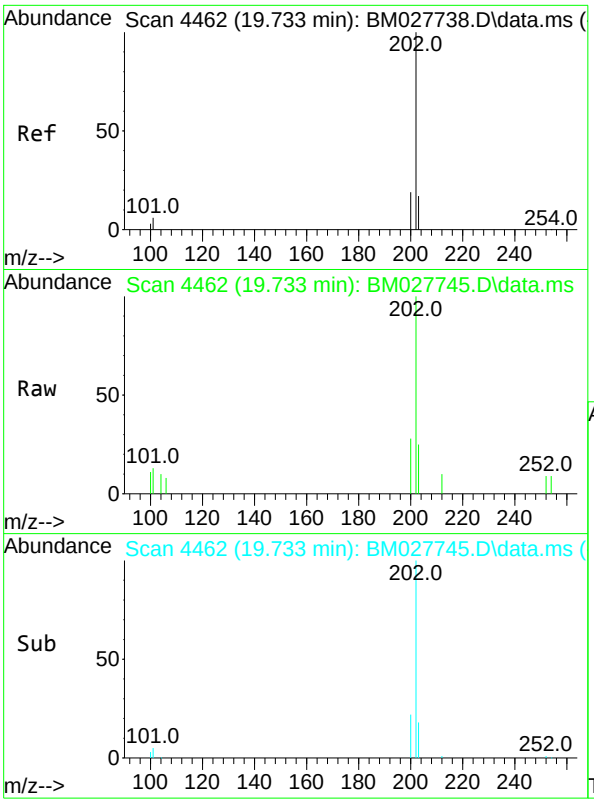
#16
Anthracene
Concen: 0.06 ng/ul
RT: 17.849 min Scan# 3951
Delta R.T. -0.000 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:178 Resp: 430

Ion	Ratio	Lower	Upper
178	100		
179	28.2	14.1	21.1#
176	29.4	16.3	24.5#



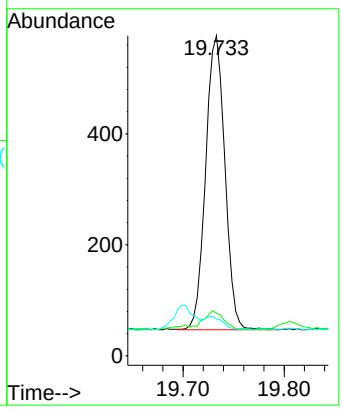
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

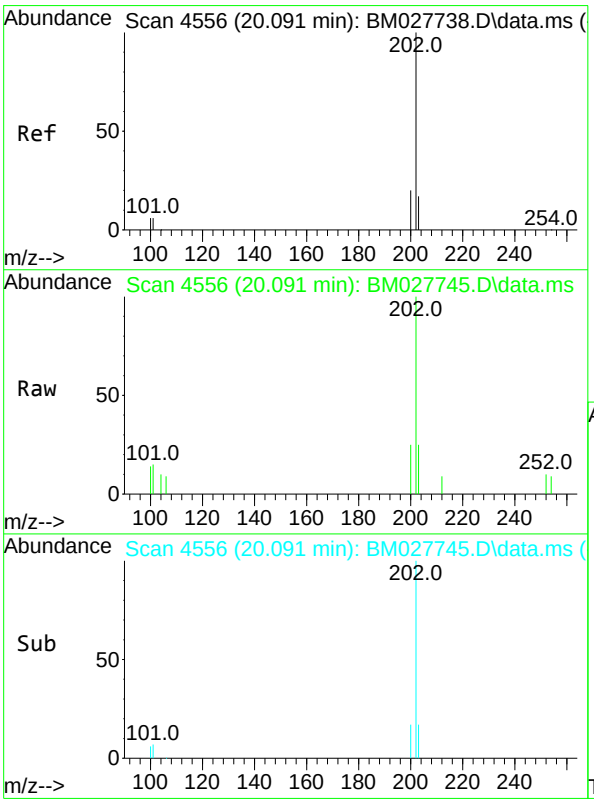


#18
Fluoranthene
Concen: 0.08 ng/ul
RT: 19.733 min Scan# 4462
Delta R.T. -0.004 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:202 Resp: 700

Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.1	9.1#
100	11.4	5.8	8.6#

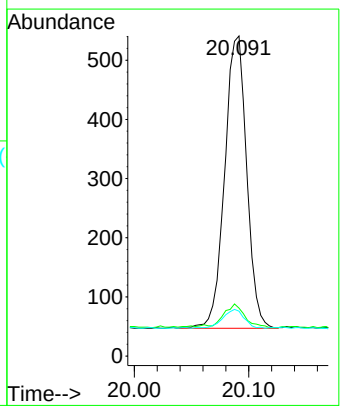




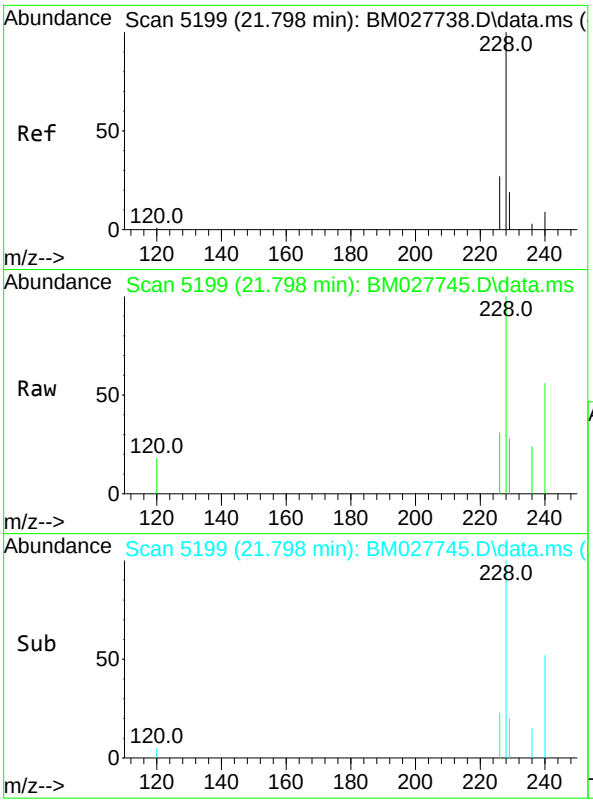
#20
Pyrene
Concen: 0.09 ng/ul
RT: 20.091 min Scan# 4556
Delta R.T. -0.000 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:202 Resp: 660

Ion	Ratio	Lower	Upper
202	100		
101	15.0	7.4	11.0#
100	14.0	6.6	9.8#



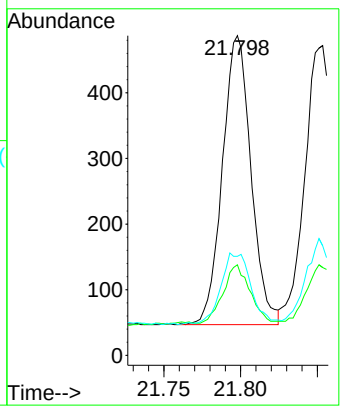
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

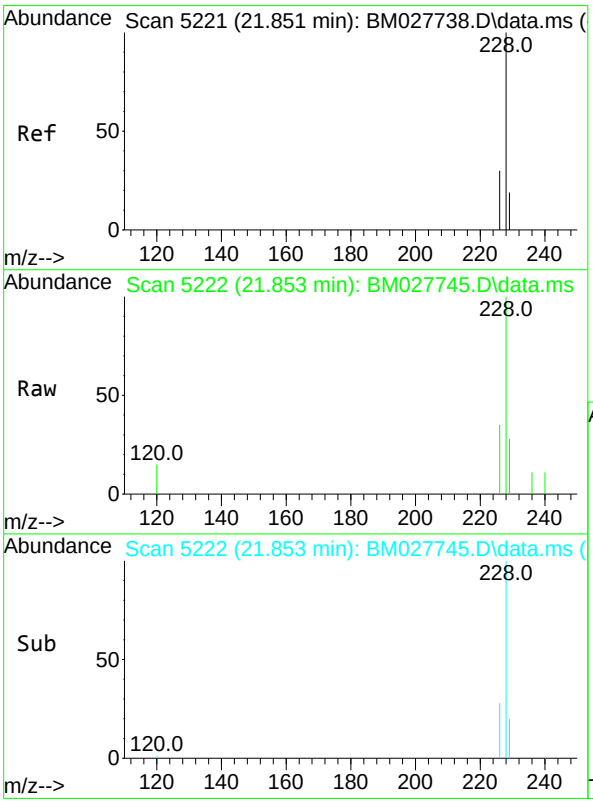


#21
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 21.798 min Scan# 5199
Delta R.T. -0.003 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:228 Resp: 570

Ion	Ratio	Lower	Upper
228	100		
229	28.3	17.0	25.4#
226	31.0	22.0	33.0

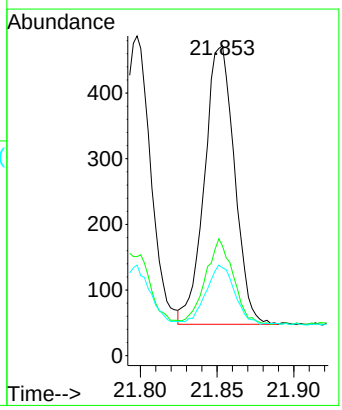


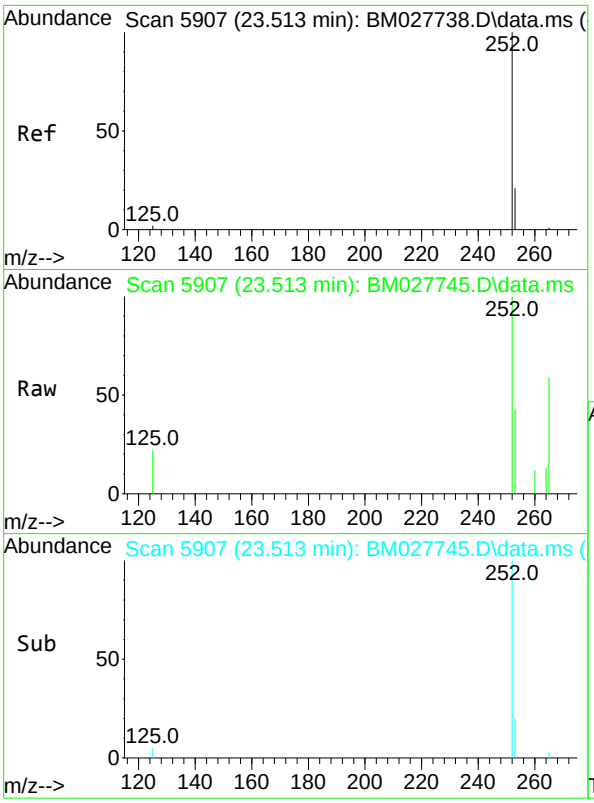


#22
Chrysene
Concen: 0.08 ng/ul
RT: 21.853 min Scan# 5222
Delta R.T. -0.003 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:228 Resp: 576

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.0	36.0
229	28.4	16.9	25.3#

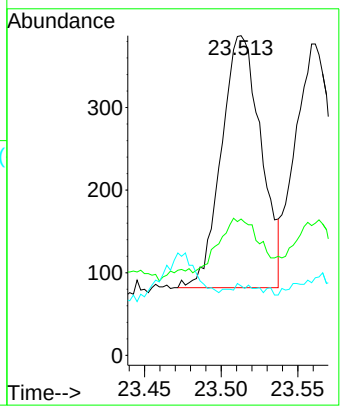




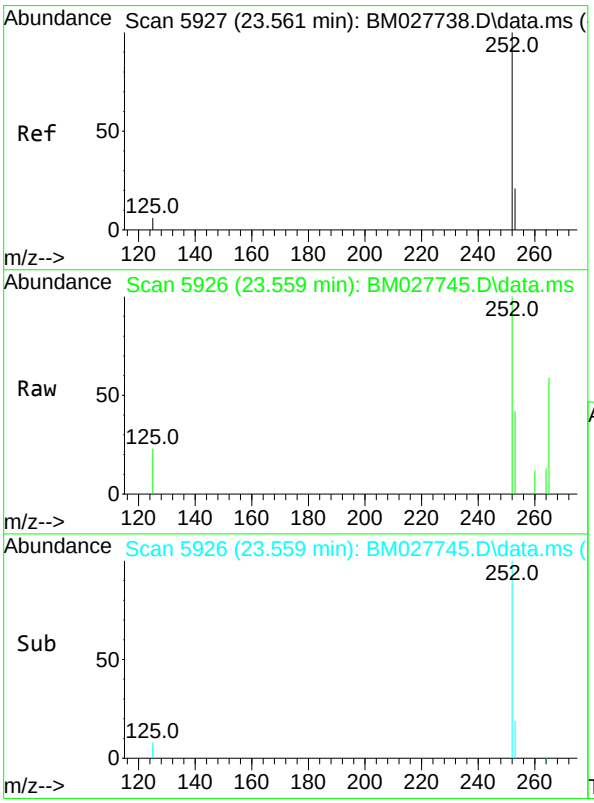
#24
Benzo(b)fluoranthene
Concen: 0.08 ng/ul
RT: 23.513 min Scan# 5907
Delta R.T. -0.003 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:252 Resp: 550

Ion	Ratio	Lower	Upper
252	100		
253	42.6	0.0	53.0
125	21.7	0.0	17.6#



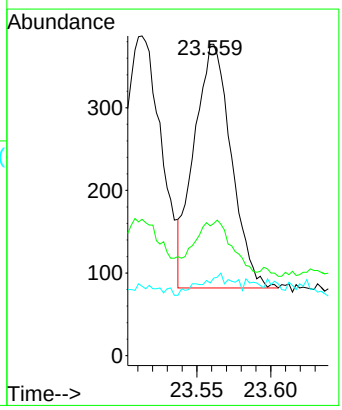
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06



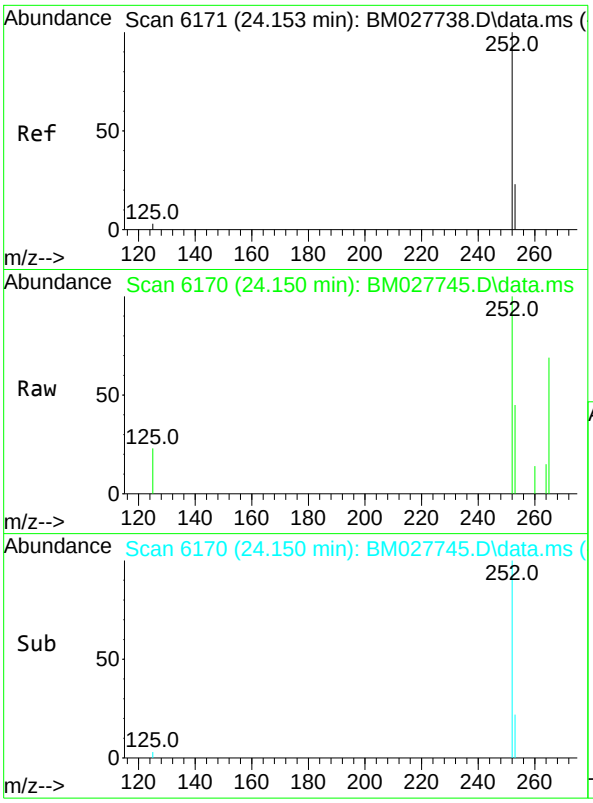
#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul
RT: 23.559 min Scan# 5926
Delta R.T. -0.010 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:252 Resp: 515

Ion	Ratio	Lower	Upper
252	100		
253	41.6	21.4	32.2#
125	23.3	7.4	11.0#



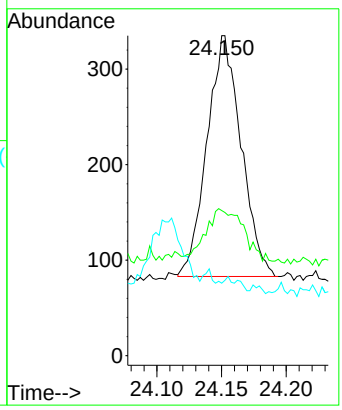
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

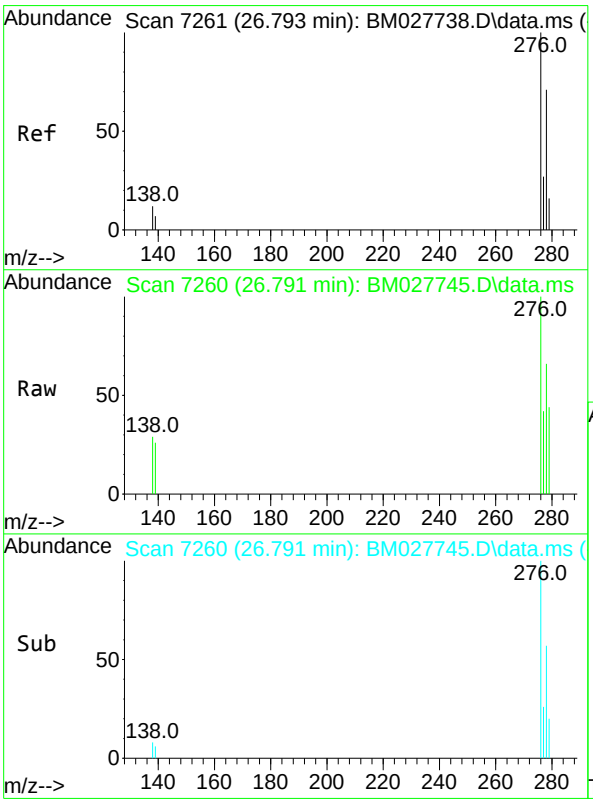


#26
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 24.150 min Scan# 6170
Delta R.T. -0.005 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:252 Resp: 463

Ion	Ratio	Lower	Upper
252	100		
253	45.4	22.3	33.5#
125	22.7	8.8	13.2#

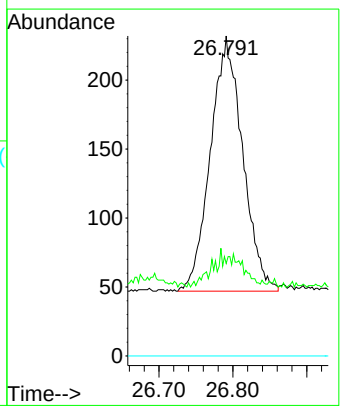




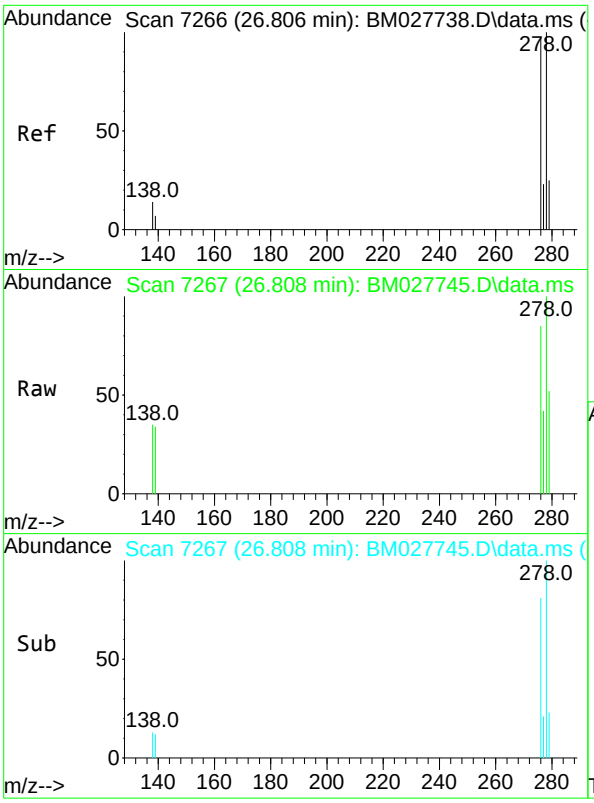
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/ul
RT: 26.791 min Scan# 7260
Delta R.T. -0.007 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:276 Resp: 558

Ion	Ratio	Lower	Upper
276	100		
138	8.8	11.0	16.6#
227	0.0	0.0	0.0



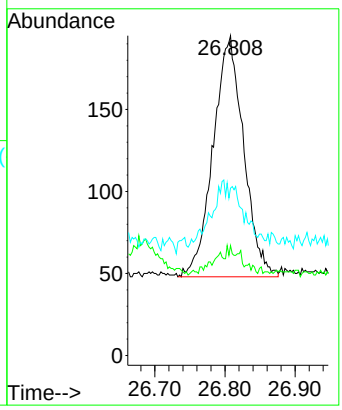
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-06

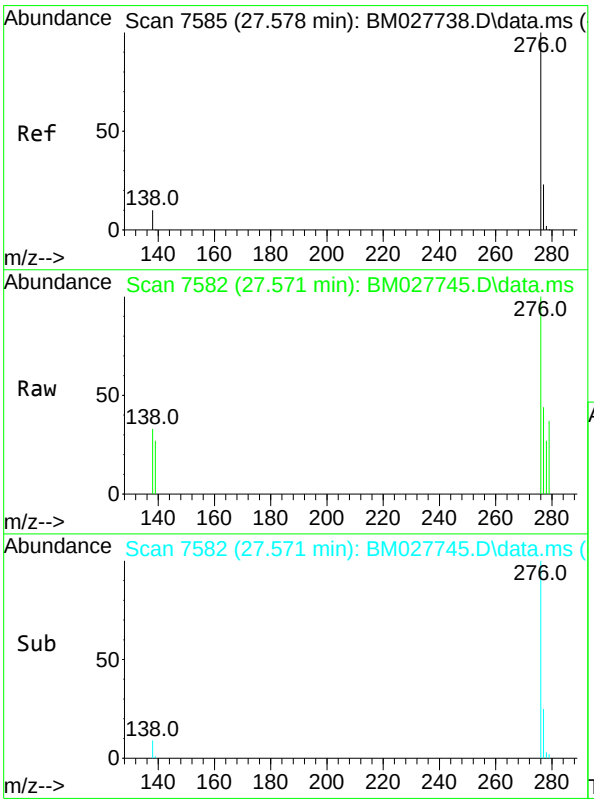


#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 26.808 min Scan# 7267
Delta R.T. -0.003 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:278 Resp: 443

Ion	Ratio	Lower	Upper
278	100		
139	34.4	12.6	18.8#
279	52.3	24.3	36.5#





#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 27.571 min Scan# 7582
Delta R.T. -0.010 min
Lab File: BM027745.D
Acq: 07 Nov 2020 05:48

Tgt Ion:276 Resp: 467

Ion	Ratio	Lower	Upper
276	100		
138	32.8	15.0	22.4#
277	44.4	24.2	36.2#