Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110720\
Data File : BM027746.D
Acq On : 07 Nov 2020 06:24
Operator : JU/CG
Sample : L4485-14
Misc : SFAM-SIM-MDL-W-08
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-07

Quant Time: Nov 07 06:55:03 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	8.397	152	486	0.40	ng/ul	0.00
4) Naphthalene-d8	11.233	136	1605	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.005	164	993	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.718	188	2153	0.40	ng/ul	0.00
19) Chrysene-d12	21.815	240	1794	0.40	ng/ul	0.00
23) Perylene-d12	24.259	264	1598	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.539	96	278	0.56	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.794	152	718	0.27	ng/ul	0.00
17) Fluoranthene-d10	19.703	212	1545	0.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	43	0.08	ng/ul	91
5) Naphthalene	11.283	128	320	0.07	ng/ul#	69
7) 2-Methylnaphthalene	12.866	142	214	0.07	ng/ul	98
8) 1-Methylnaphthalene	13.086	142	215	0.07	ng/ul	93
10) Acenaphthylene	14.732	152	290	0.07	ng/ul#	70
11) Acenaphthene	15.066	153	222	0.07	ng/ul#	90
12) Fluorene	16.036	166	269	0.07	ng/ul#	95
14) Pentachlorophenol	17.364	266	57	0.08	ng/ul	97
15) Phenanthrene	17.759	178	499	0.08	ng/ul#	88
16) Anthracene	17.849	178	431	0.07	ng/ul#	78
18) Fluoranthene	19.733	202	712	0.10	ng/ul#	85
20) Pyrene	20.088	202	679	0.10	ng/ul#	86
21) Benzo(a)anthracene	21.798	228	583	0.09	ng/ul#	90
22) Chrysene	21.851	228	605	0.09	ng/ul#	89
24) Benzo(b)fluoranthene	23.511	252	605	0.09	ng/ul#	71
25) Benzo(k)fluoranthene	23.561	252	563	0.09	ng/ul#	70
26) Benzo(a)pyrene	24.148	252	498	0.09	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.784	276	566	0.08	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.806	278	447	0.08	ng/ul#	63
29) Benzo(g,h,i)perylene	27.564	276	487	0.08	ng/ul#	71

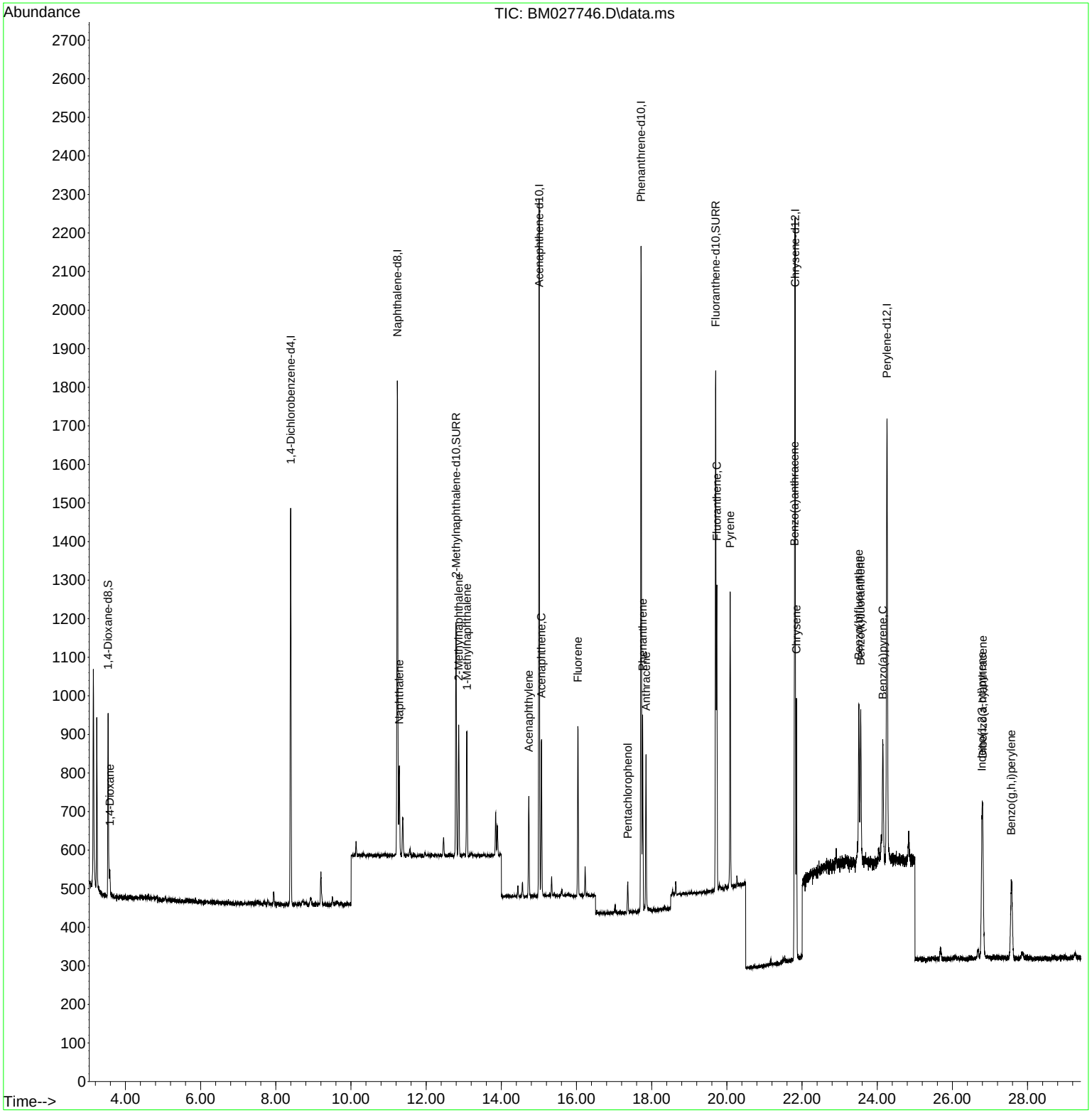
(#) = qualifier out of range (m) = manual integration (+) = signals summed

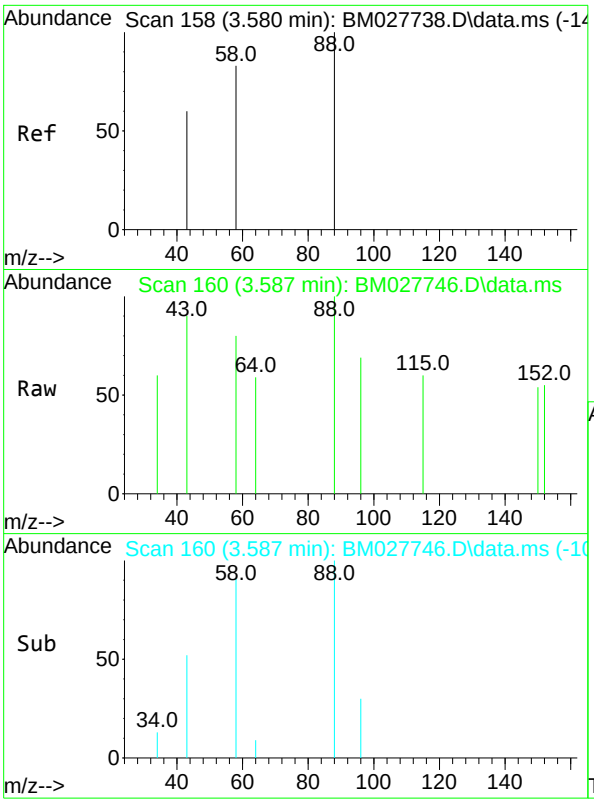
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110720\
Data File : BM027746.D
Acq On : 07 Nov 2020 06:24
Operator : JU/CG
Sample : L4485-14
Misc : SFAM-SIM-MDL-W-08
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

Quant Time: Nov 07 06:55:03 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

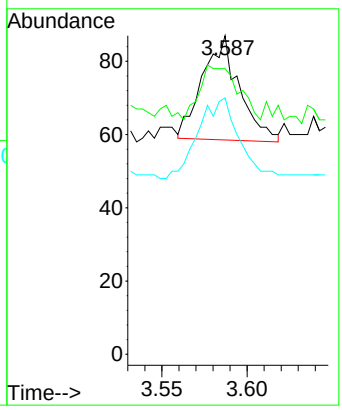




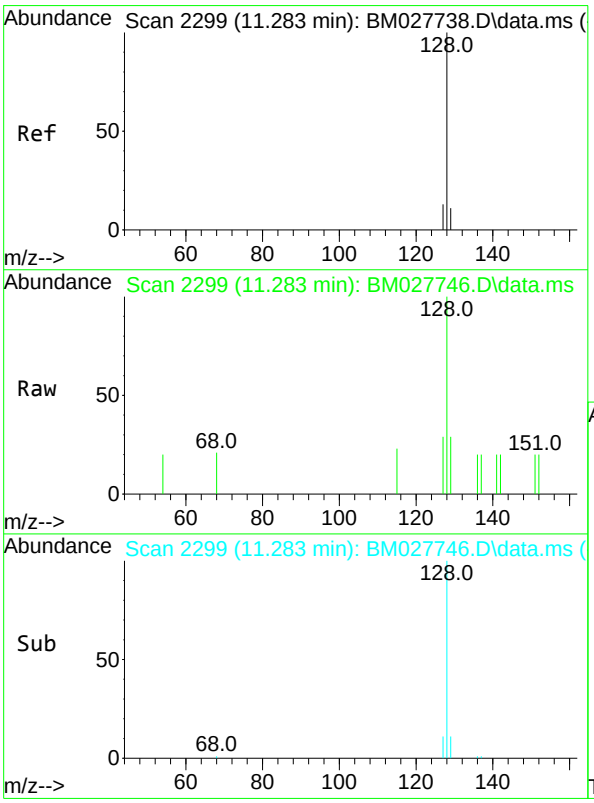
#2
1,4-Dioxane
Concen: 0.08 ng/ul
RT: 3.587 min Scan# 160
Delta R.T. 0.007 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion: 88 Resp: 43

Ion	Ratio	Lower	Upper
88	100		
43	89.7	61.8	92.6
58	80.5	67.8	101.8



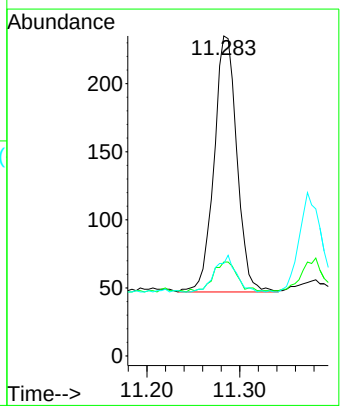
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07



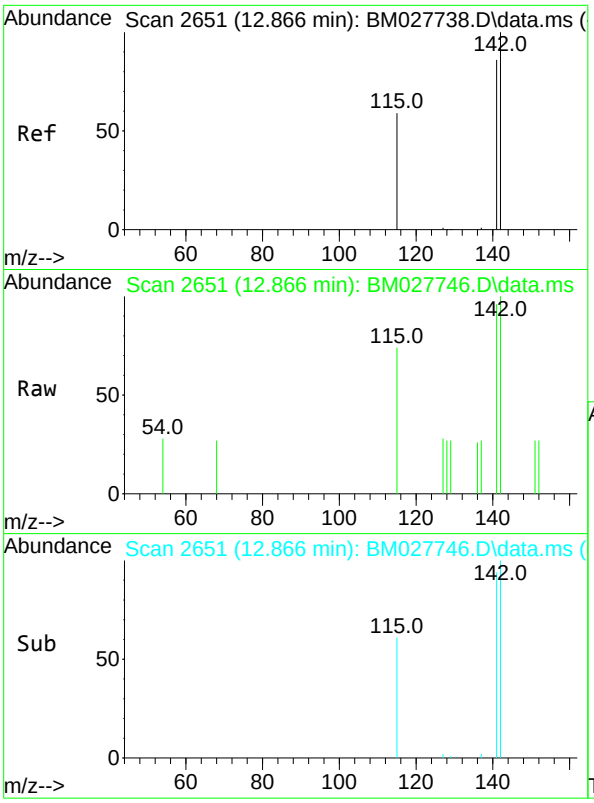
#5
Naphthalene
Concen: 0.07 ng/ul
RT: 11.283 min Scan# 2299
Delta R.T. -0.005 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:128 Resp: 320

Ion	Ratio	Lower	Upper
128	100		
129	29.4	11.7	17.5#
127	28.9	14.0	21.0#



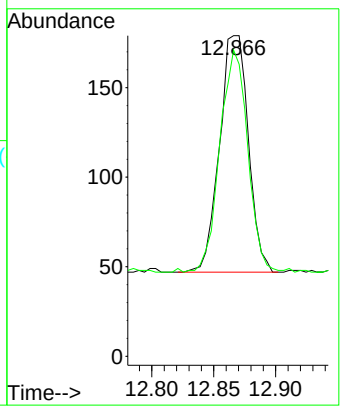
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

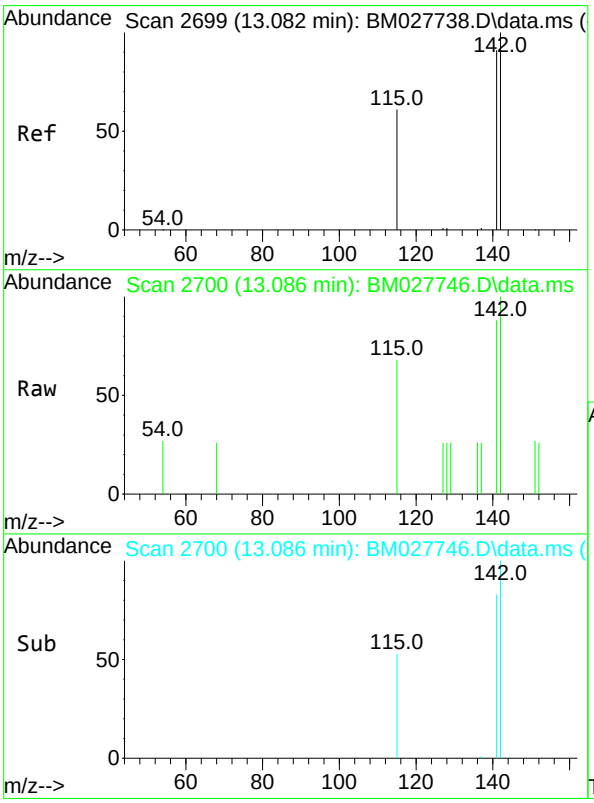


#7
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.866 min Scan# 2651
Delta R.T. -0.000 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:142 Resp: 214

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.2	106.8

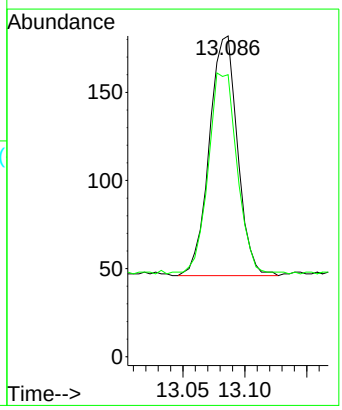




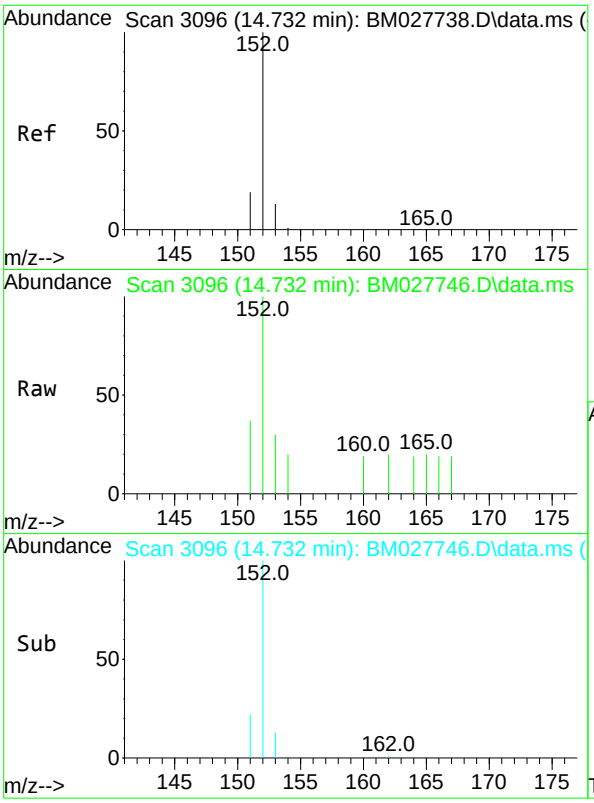
#8
1-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 13.086 min Scan# 2700
Delta R.T. -0.000 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:142 Resp: 215

Ion	Ratio	Lower	Upper
142	100		
141	86.0	74.1	111.1



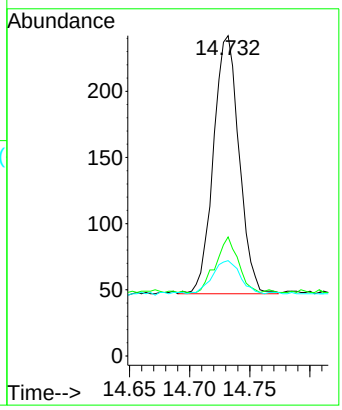
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

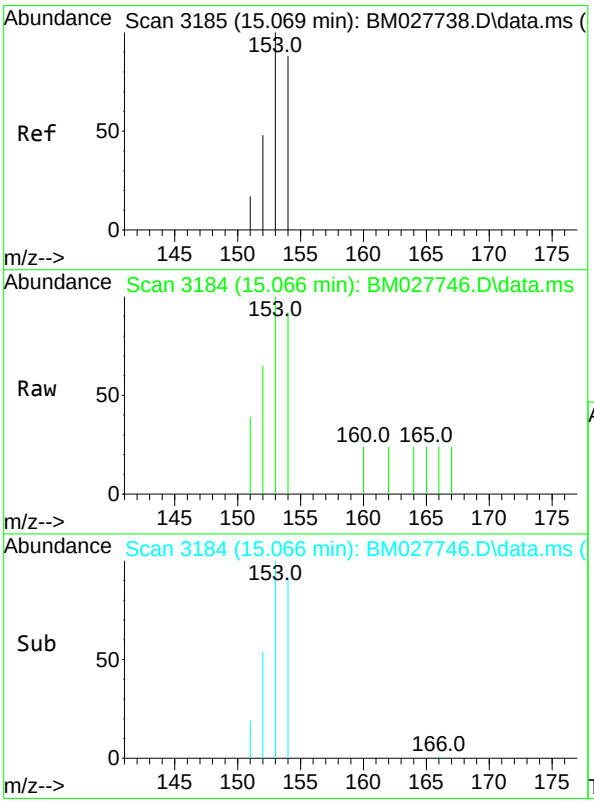


#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 14.732 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:152 Resp: 290

Ion	Ratio	Lower	Upper
152	100		
151	37.2	17.8	26.8#
153	29.8	13.5	20.3#

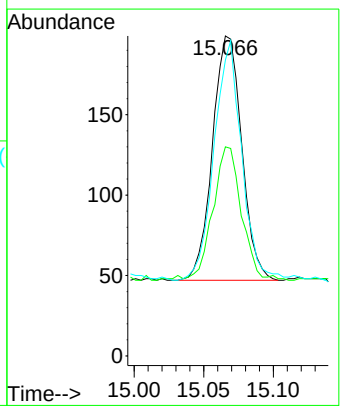




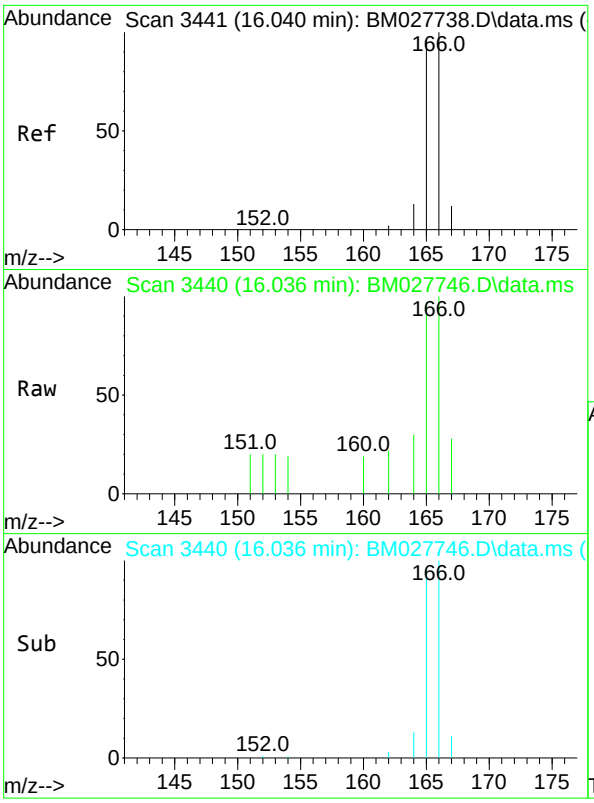
#11
Acenaphthene
Concen: 0.07 ng/ul
RT: 15.066 min Scan# 3184
Delta R.T. -0.004 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:153 Resp: 222

Ion	Ratio	Lower	Upper
153	100		
152	65.3	40.6	60.8#
154	92.5	71.0	106.4



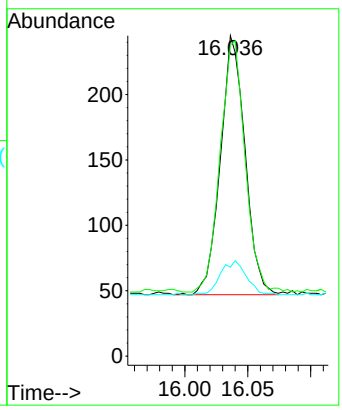
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

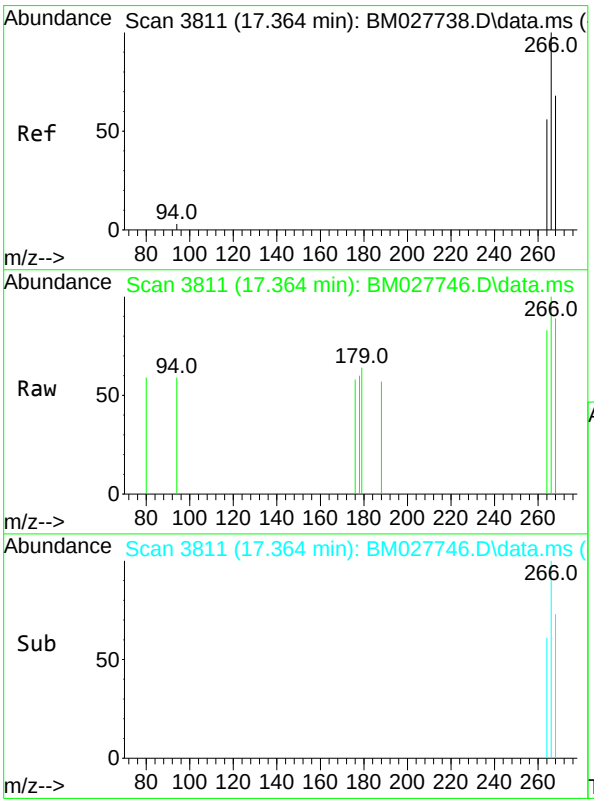


#12
Fluorene
Concen: 0.07 ng/ul
RT: 16.036 min Scan# 3440
Delta R.T. -0.004 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:166 Resp: 269

Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.2	114.4
167	27.8	13.7	20.5#

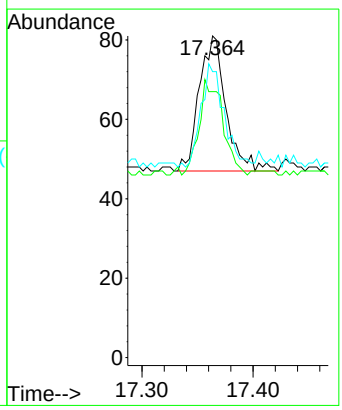




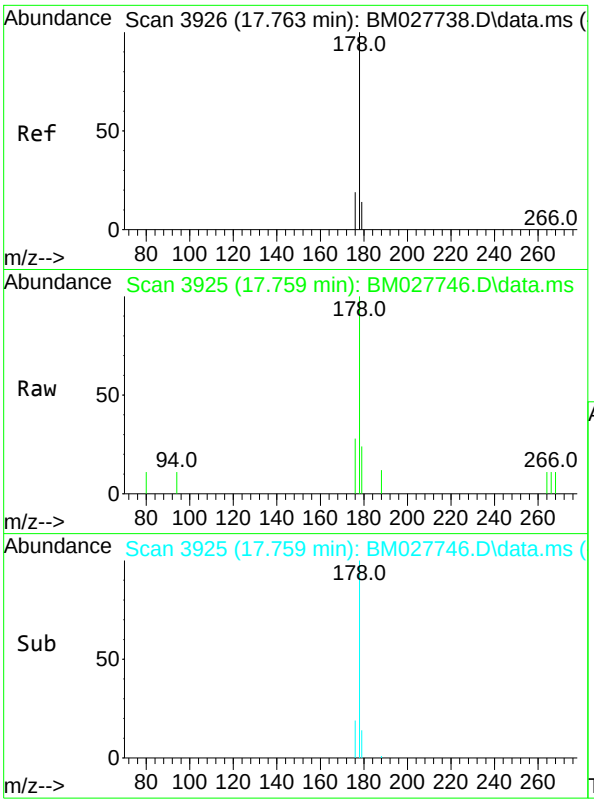
#14
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 17.364 min Scan# 3811
Delta R.T. -0.000 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:266 Resp: 57

Ion	Ratio	Lower	Upper
266	100		
264	63.2	48.2	72.4
268	64.9	53.4	80.0



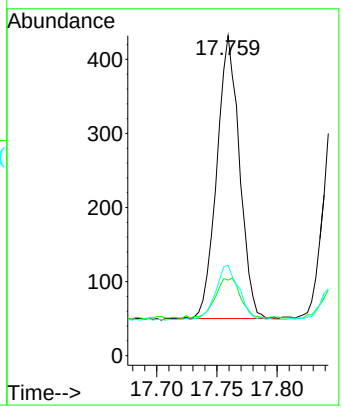
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

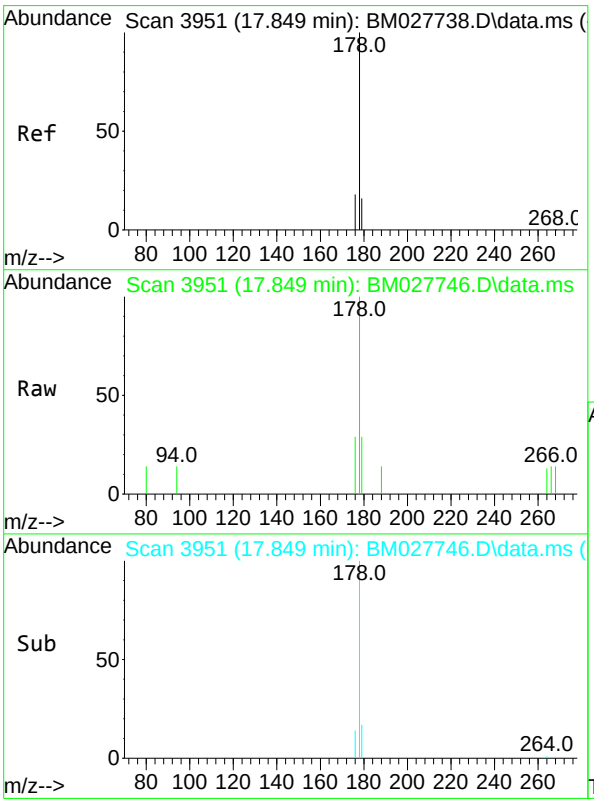


#15
Phenanthrene
Concen: 0.08 ng/ul
RT: 17.759 min Scan# 3925
Delta R.T. -0.000 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:178 Resp: 499

Ion	Ratio	Lower	Upper
178	100		
179	23.6	14.6	22.0#
176	28.2	18.2	27.2#

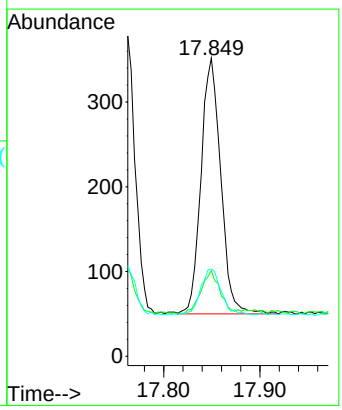




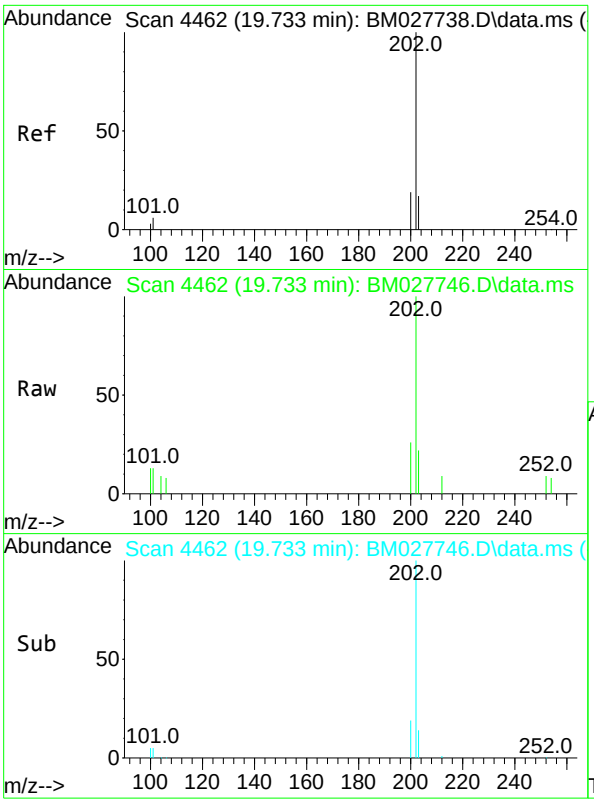
#16
Anthracene
Concen: 0.07 ng/ul
RT: 17.849 min Scan# 3951
Delta R.T. -0.000 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:178 Resp: 431

Ion	Ratio	Lower	Upper
178	100		
179	28.7	14.1	21.1#
176	29.3	16.3	24.5#



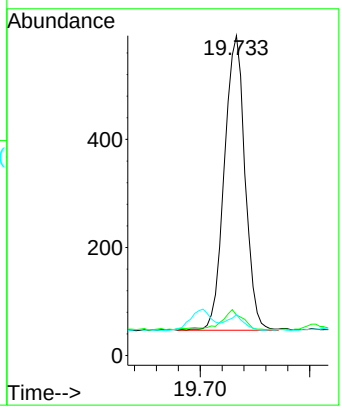
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

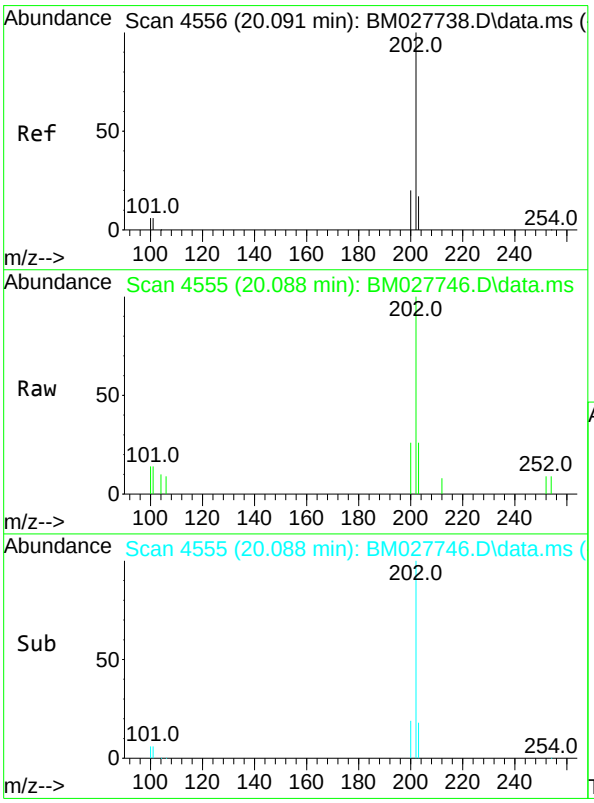


#18
Fluoranthene
Concen: 0.10 ng/ul
RT: 19.733 min Scan# 4462
Delta R.T. -0.004 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:202 Resp: 712

Ion	Ratio	Lower	Upper
202	100		
101	12.7	6.1	9.1#
100	12.8	5.8	8.6#

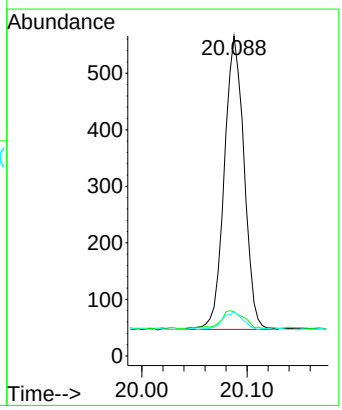




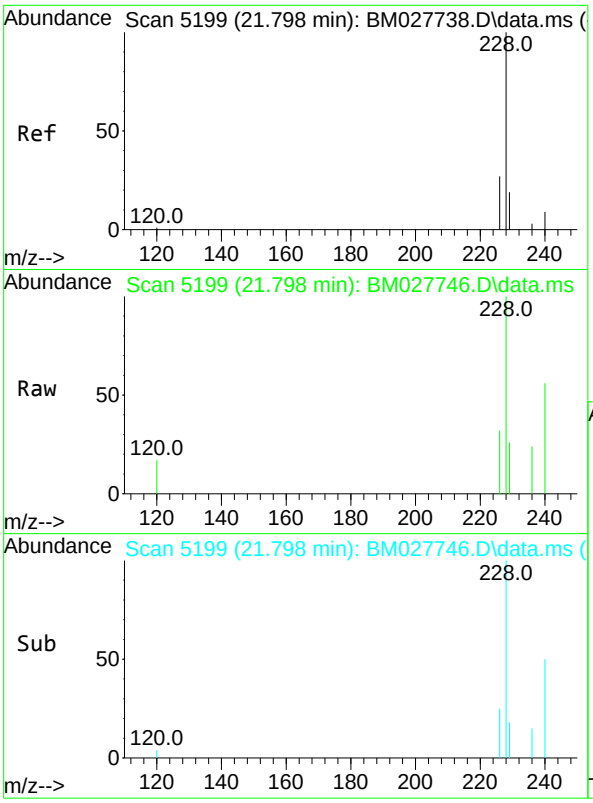
#20
Pyrene
Concen: 0.10 ng/ul
RT: 20.088 min Scan# 4555
Delta R.T. -0.004 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:202 Resp: 679

Ion	Ratio	Lower	Upper
202	100		
101	13.8	7.4	11.0#
100	13.8	6.6	9.8#



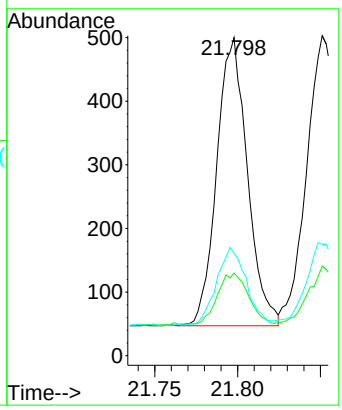
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

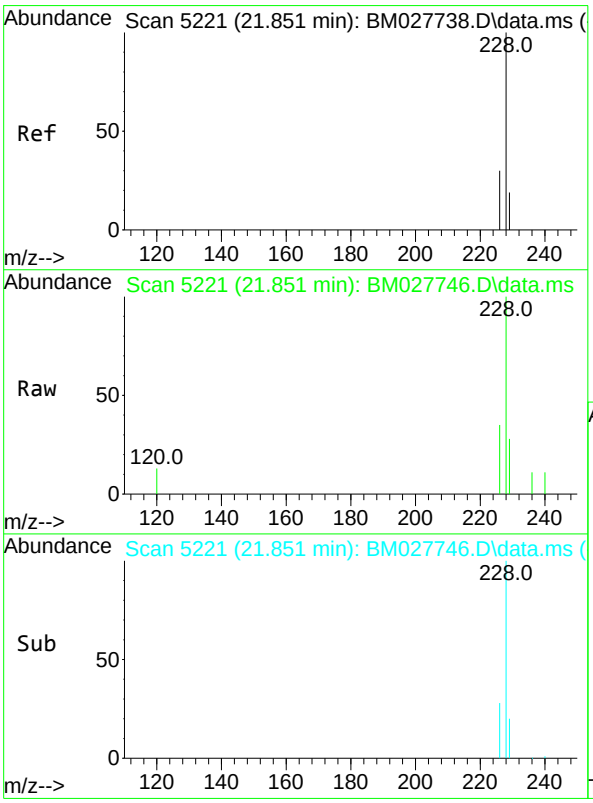


#21
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.798 min Scan# 5199
Delta R.T. -0.003 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:228 Resp: 583

Ion	Ratio	Lower	Upper
228	100		
229	26.0	17.0	25.4#
226	32.2	22.0	33.0

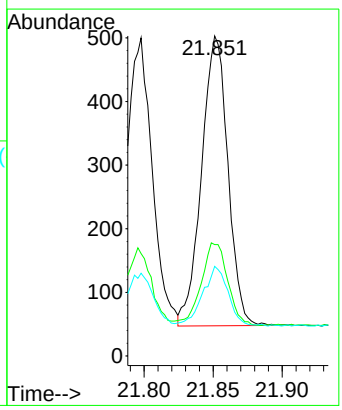


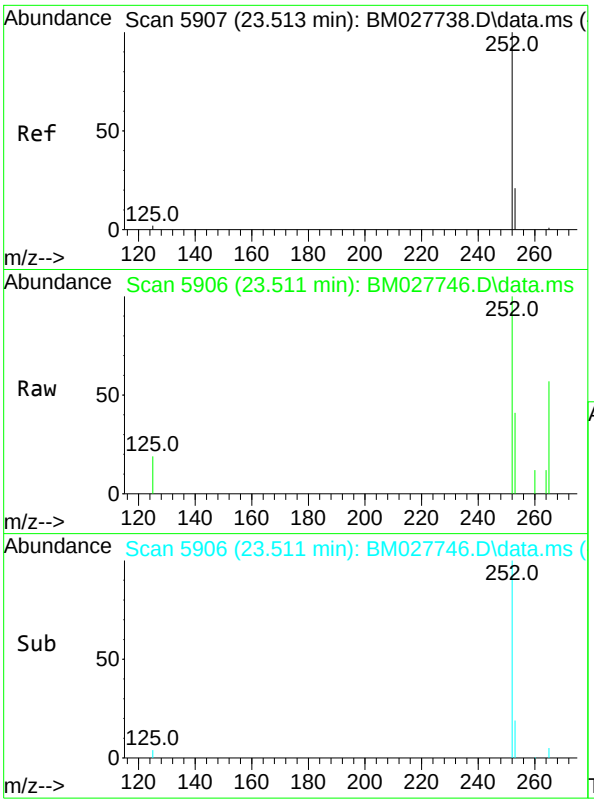


#22
Chrysene
Concen: 0.09 ng/ul
RT: 21.851 min Scan# 5221
Delta R.T. -0.005 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:228 Resp: 605

Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.0	36.0
229	28.0	16.9	25.3#

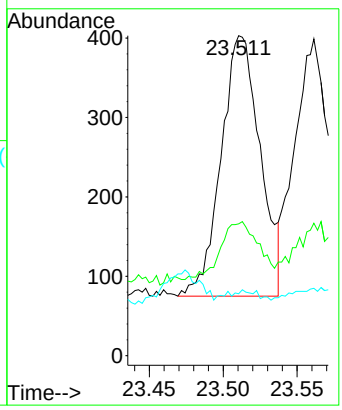




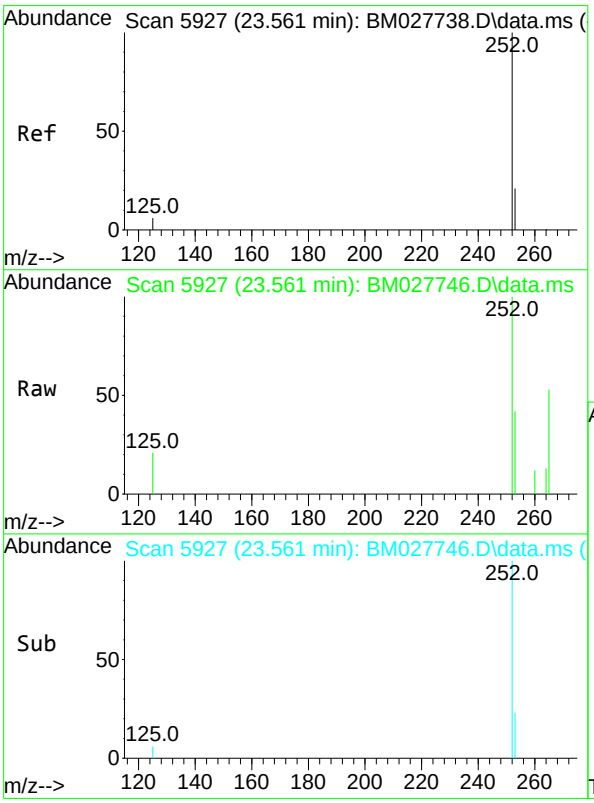
#24
Benzo(b)fluoranthene
Concen: 0.09 ng/ul
RT: 23.511 min Scan# 5906
Delta R.T. -0.005 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:252 Resp: 605

Ion	Ratio	Lower	Upper
252	100		
253	41.2	0.0	53.0
125	19.4	0.0	17.6#



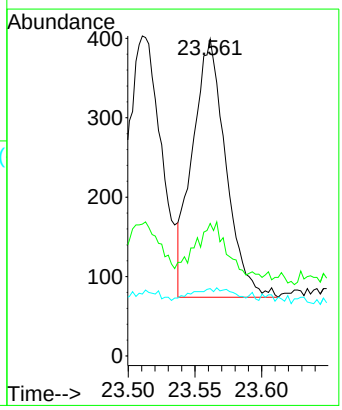
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07



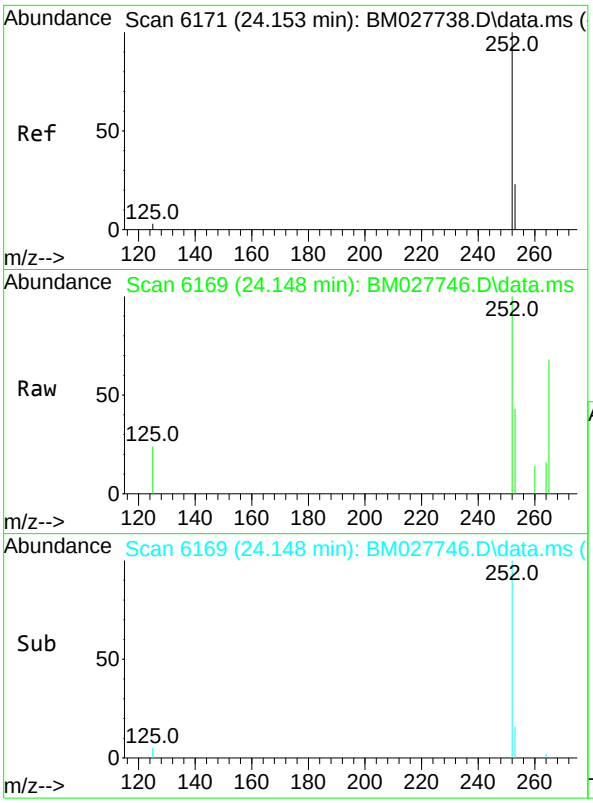
#25
Benzo(k)fluoranthene
Concen: 0.09 ng/ul
RT: 23.561 min Scan# 5927
Delta R.T. -0.007 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:252 Resp: 563

Ion	Ratio	Lower	Upper
252	100		
253	41.9	21.4	32.2#
125	21.3	7.4	11.0#



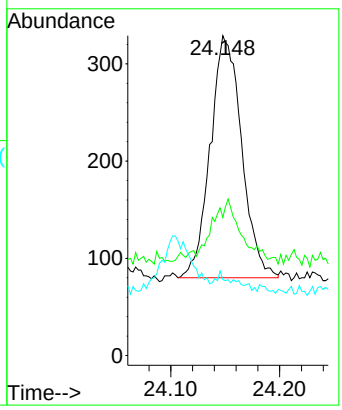
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07

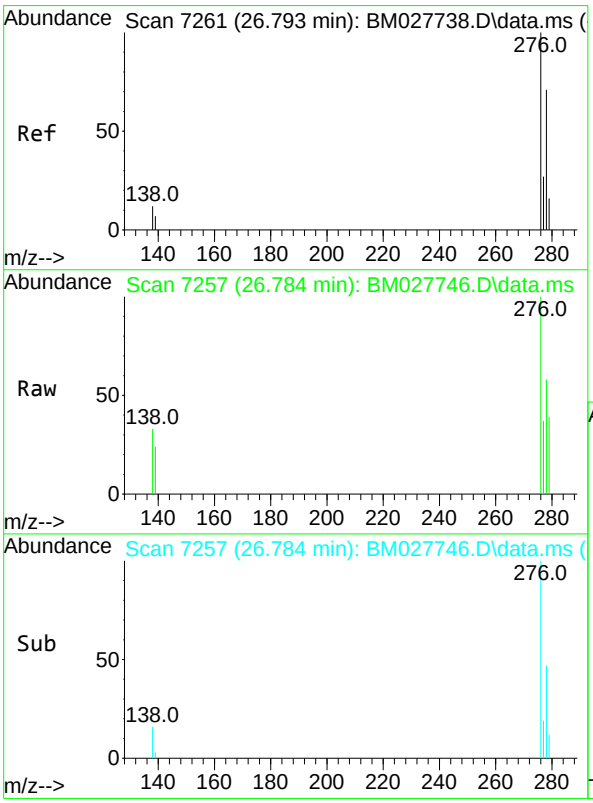


#26
Benzo(a)pyrene
Concen: 0.09 ng/ul
RT: 24.148 min Scan# 6169
Delta R.T. -0.007 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:252 Resp: 498

Ion	Ratio	Lower	Upper
252	100		
253	43.2	22.3	33.5#
125	23.7	8.8	13.2#

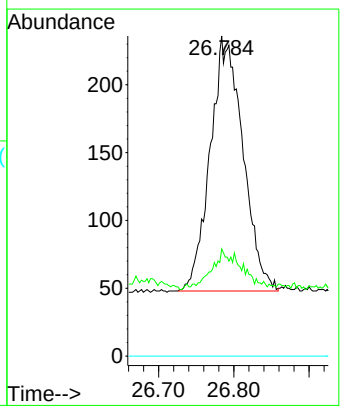


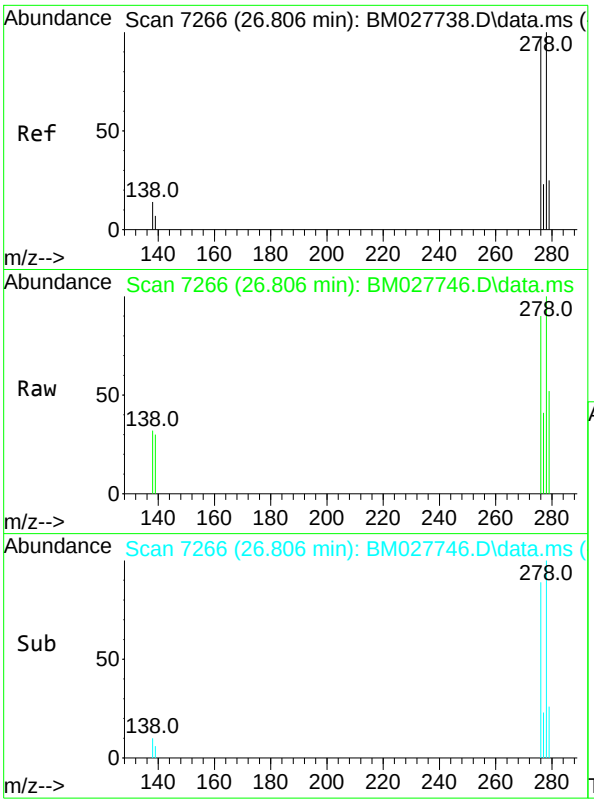


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 26.784 min Scan# 7257
Delta R.T. -0.015 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:276 Resp: 566

Ion	Ratio	Lower	Upper
276	100		
138	12.7	11.0	16.6
227	0.0	0.0	0.0

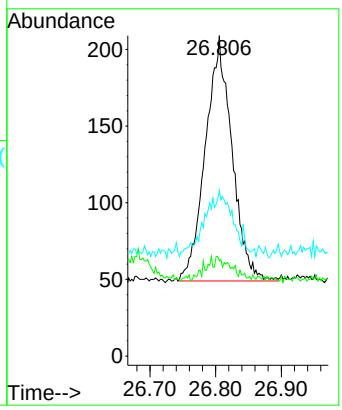


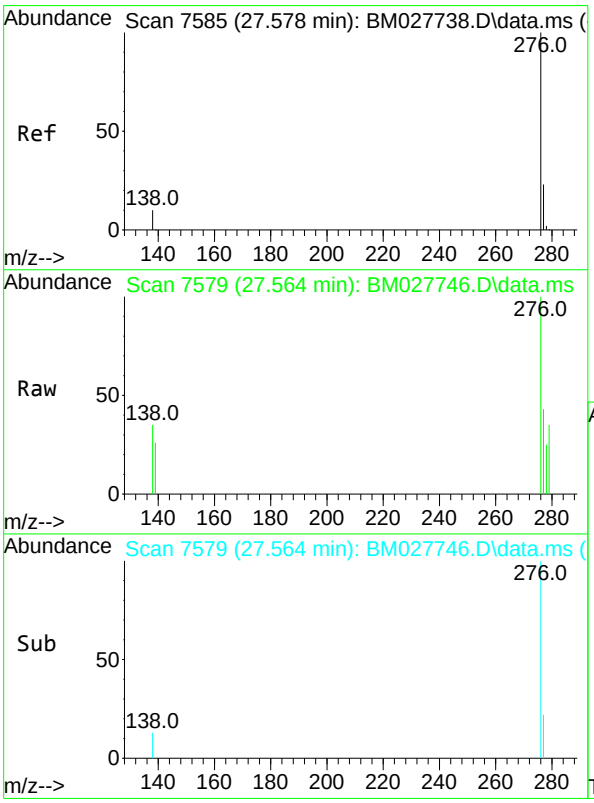


#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 26.806 min Scan# 7266
Delta R.T. -0.005 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:278 Resp: 447

Ion	Ratio	Lower	Upper
278	100		
139	29.7	12.6	18.8#
279	51.7	24.3	36.5#

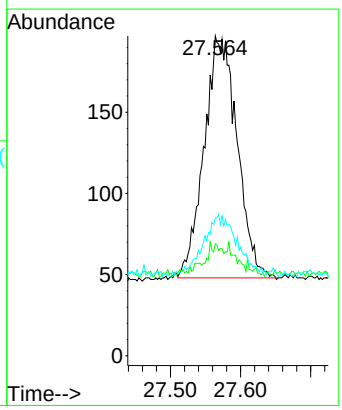




#29
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 27.564 min Scan# 7579
Delta R.T. -0.017 min
Lab File: BM027746.D
Acq: 07 Nov 2020 06:24

Tgt Ion:276 Resp: 487

Ion	Ratio	Lower	Upper
276	100		
138	35.0	15.0	22.4#
277	43.1	24.2	36.2#



Instrument :
BNA_M
ClientSampleId :
MDL-WATER-07