Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
Data File : BM038859.D
Acq On : 03 Mar 2023 15:04
Operator : CG/JU
Sample : 01378-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Quant Time: Mar 04 01:29:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:01:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	5872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	18960	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	10065	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	21444	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	17700	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	17111	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	3803	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	8667	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	17270	0.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	622	0.092	ng/ul#	80
5) Naphthalene	10.870	128	3016	0.067	ng/ul#	93
7) 2-Methylnaphthalene	12.481	142	1828	0.066	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	2310	0.080	ng/ul	99
10) Acenaphthylene	14.362	152	2346	0.064	ng/ul#	94
11) Acenaphthene	14.705	153	2012	0.067	ng/ul	98
12) Fluorene	15.690	166	2224	0.065	ng/ul#	96
14) Pentachlorophenol	17.031	266	608	0.118	ng/ul	97
15) Phenanthrene	17.427	178	3807	0.067	ng/ul	95
16) Anthracene	17.520	178	2890	0.062	ng/ul#	93
19) Fluoranthene	19.438	202	4320	0.072	ng/ul#	95
20) Pyrene	19.801	202	4305	0.070	ng/ul	99
21) Benzo(a)anthracene	21.547	228	3420	0.068	ng/ul	96
22) Chrysene	21.602	228	4458	0.074	ng/ul	98
24) Benzo(b)fluoranthene	23.265	252	4285	0.064	ng/ul	74
25) Benzo(k)fluoranthene	23.315	252	4427	0.066	ng/ul#	79
26) Benzo(a)pyrene	23.906	252	3681	0.069	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.571	276	4267	0.063	ng/ul	97
28) Dibenzo(a,h)anthracene	26.595	278	3241	0.063	ng/ul#	70
29) Benzo(g,h,i)perylene	27.346	276	3956	0.063	ng/ul#	90

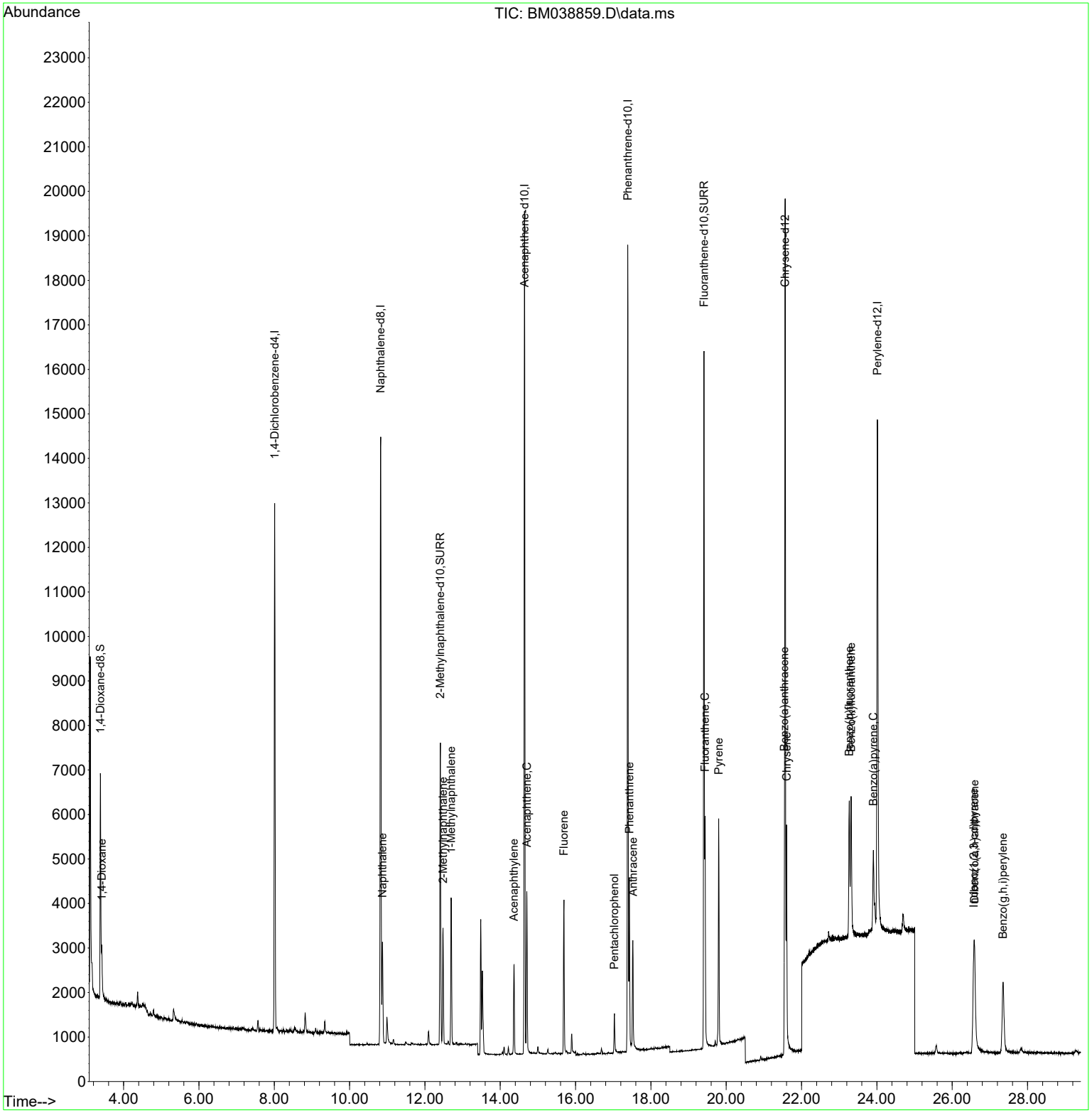
(#) = qualifier out of range (m) = manual integration (+) = signals summed

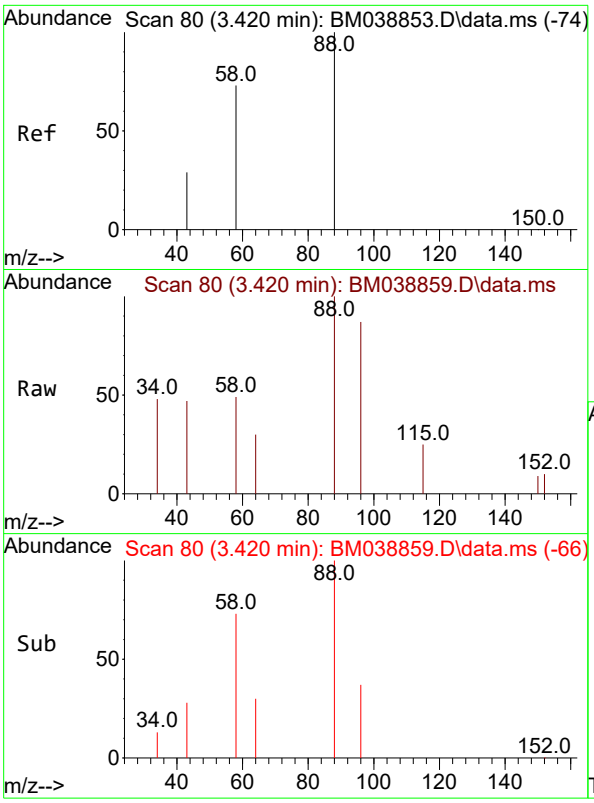
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
Data File : BM038859.D
Acq On : 03 Mar 2023 15:04
Operator : CG/JU
Sample : 01378-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Quant Time: Mar 04 01:29:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:01:14 2023
Response via : Initial Calibration



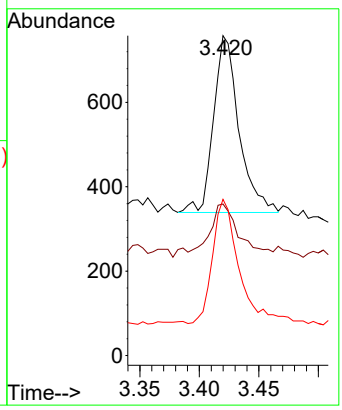


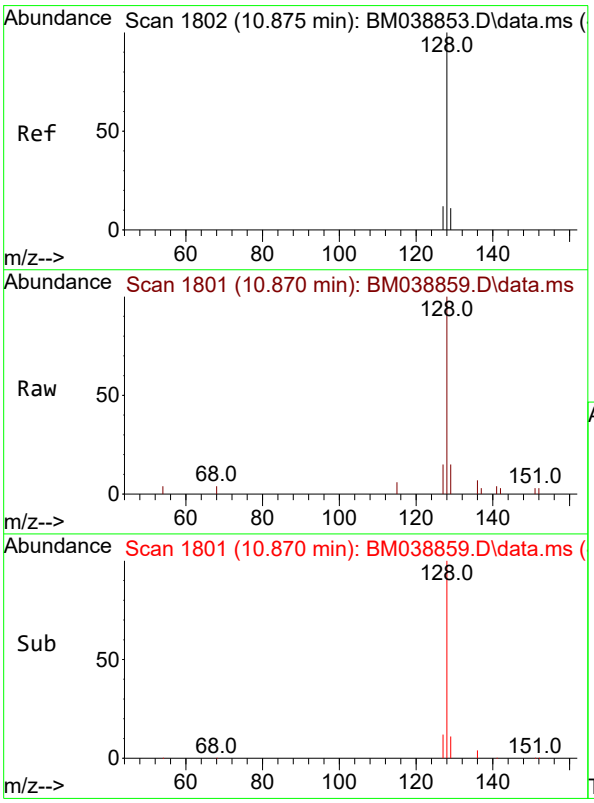
#2
1,4-Dioxane
Concen: 0.092 ng/ul
RT: 3.420 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 88 Resp: 622

Ion	Ratio	Lower	Upper
88	100		
43	47.4	27.2	40.8#
58	48.8	50.8	76.2#

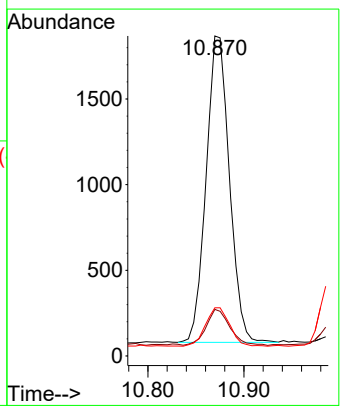


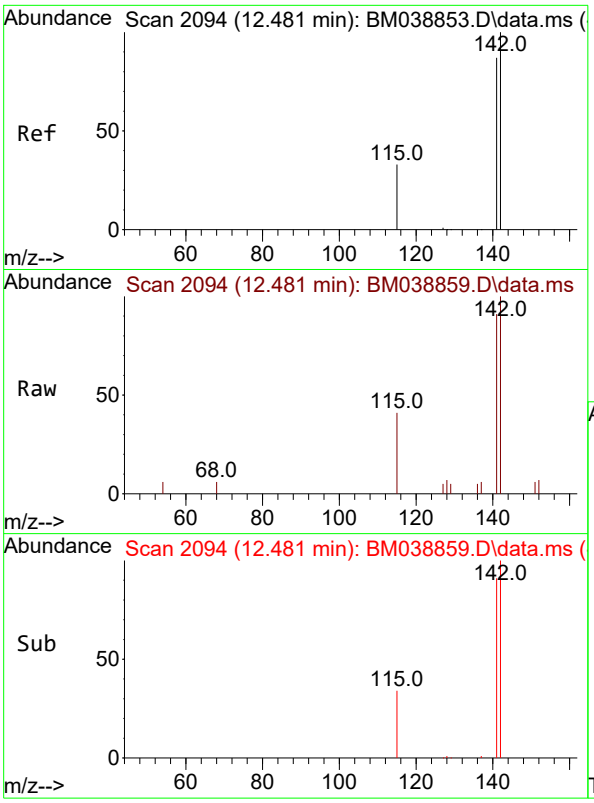


#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.870 min Scan# 1801
Delta R.T. -0.005 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:128 Resp: 3016

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.1	13.7#
127	15.0	10.3	15.5



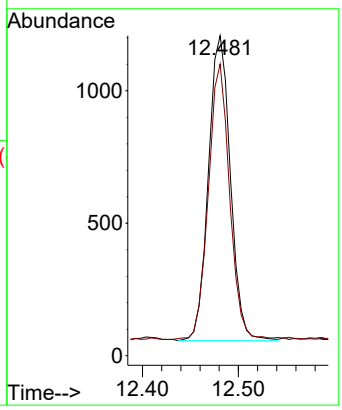


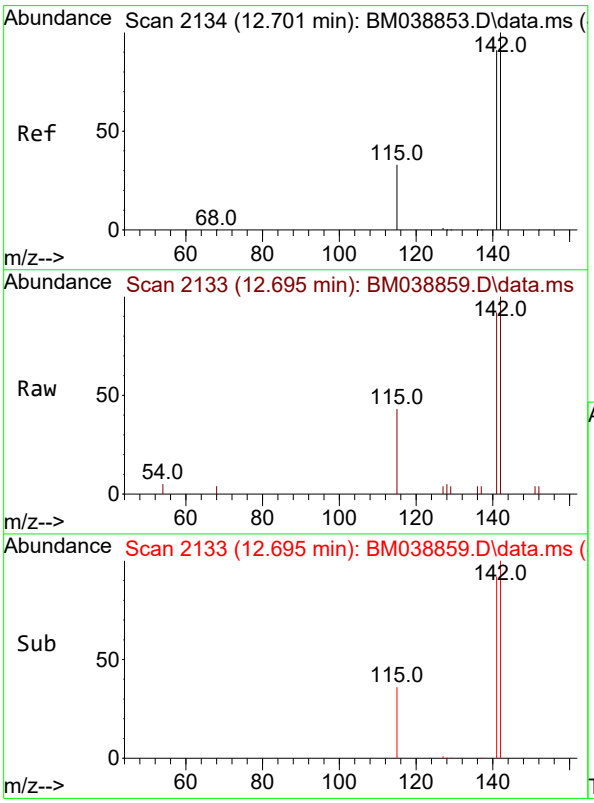
#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:142 Resp: 1828

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.9	104.9

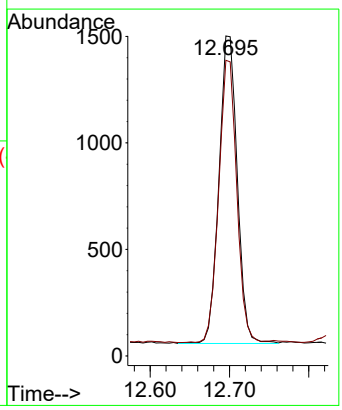


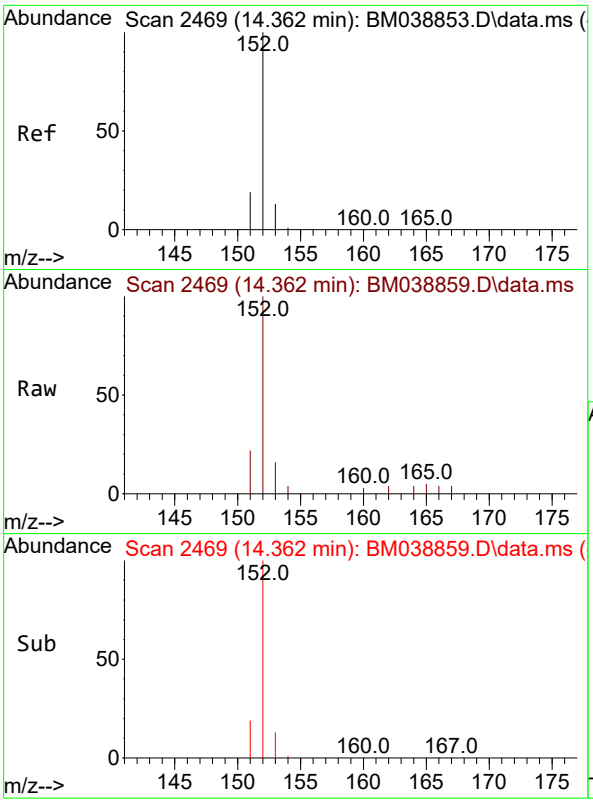


#8
1-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.695 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:142 Resp: 2310

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3



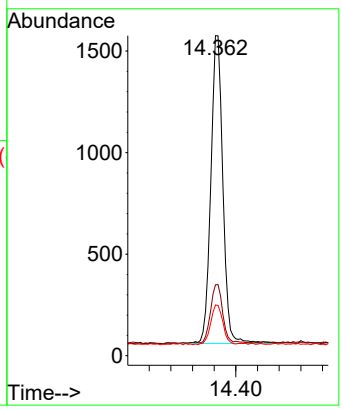


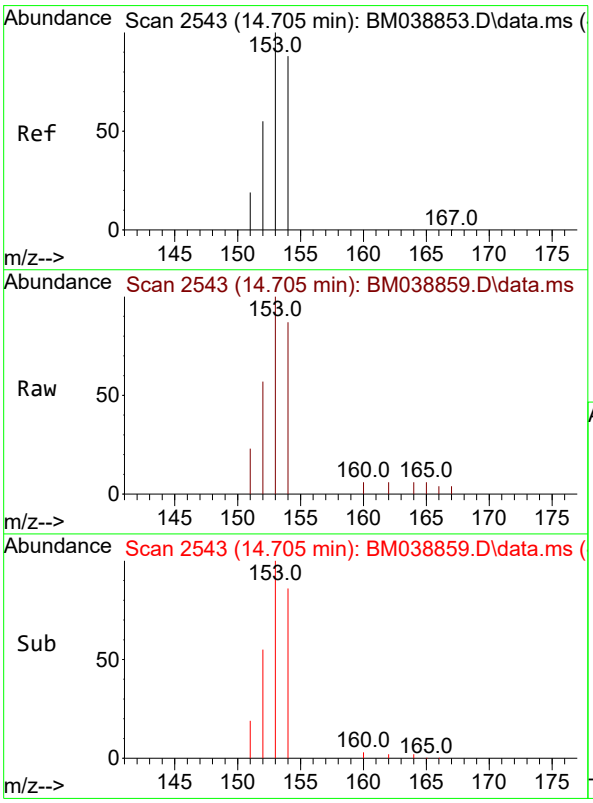
#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.362 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:152 Resp: 2346

Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.6	23.4
153	15.9	10.6	15.8#

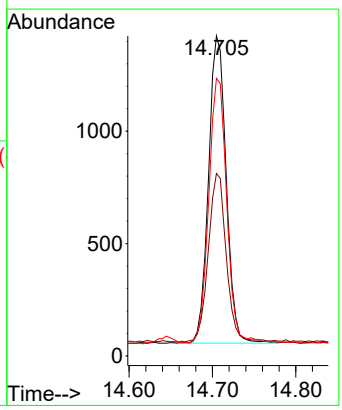


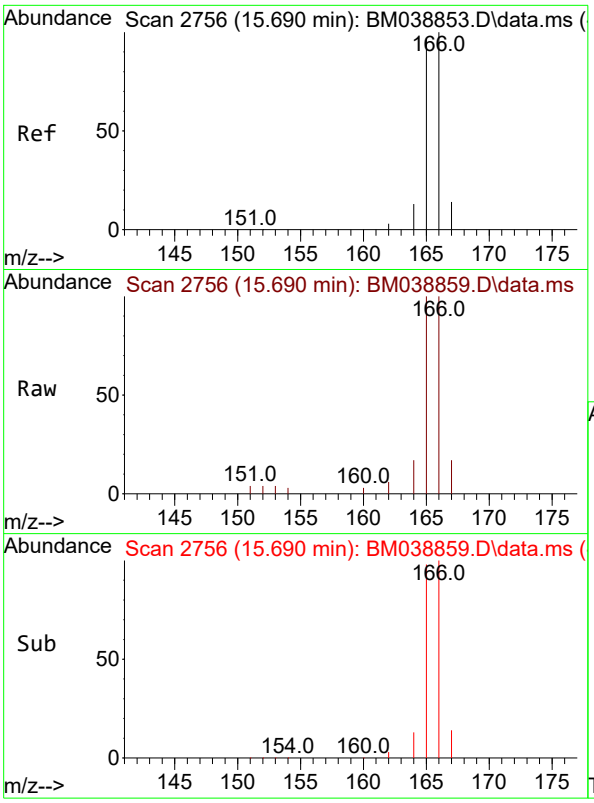


#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:153 Resp: 2012

Ion	Ratio	Lower	Upper
153	100		
152	57.0	44.2	66.2
154	86.7	70.6	105.8



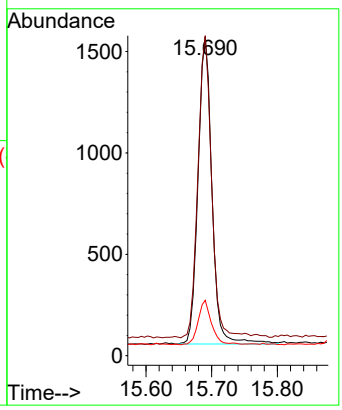


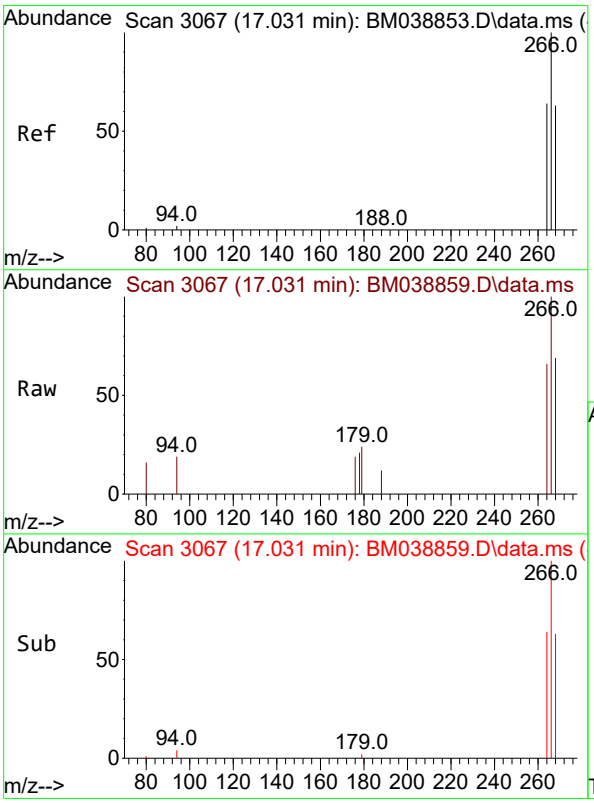
#12
Fluorene
Concen: 0.065 ng/ul
RT: 15.690 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:166 Resp: 2224

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.8	116.6
167	17.4	11.4	17.2#

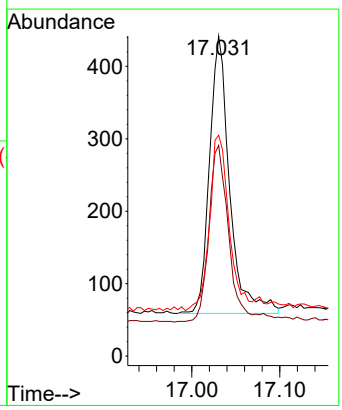


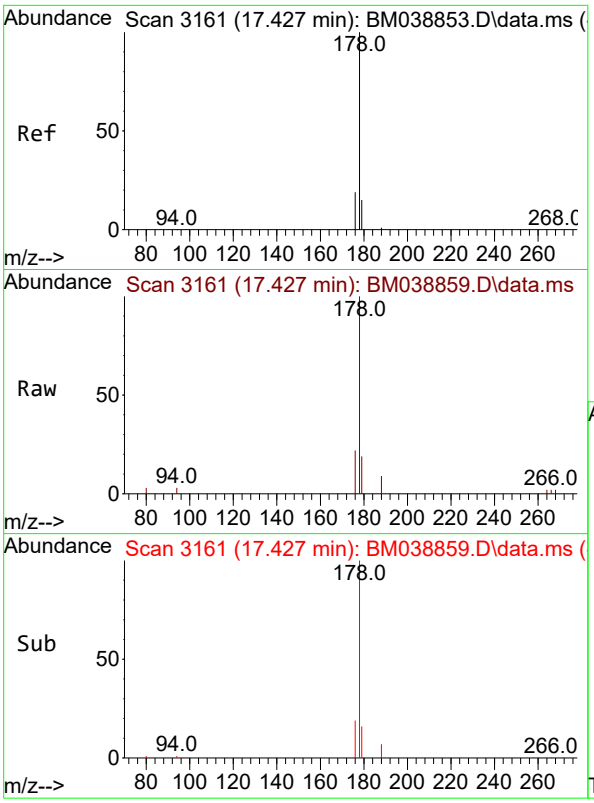


#14
Pentachlorophenol
Concen: 0.118 ng/ul
RT: 17.031 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:266 Resp: 608

Ion	Ratio	Lower	Upper
266	100		
264	65.6	50.2	75.2
268	61.2	50.2	75.4





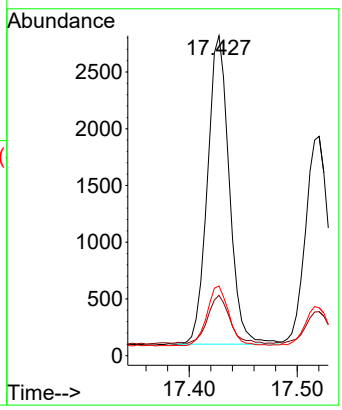
#15
Phenanthrene
Concen: 0.067 ng/ul
RT: 17.427 min Scan# 3

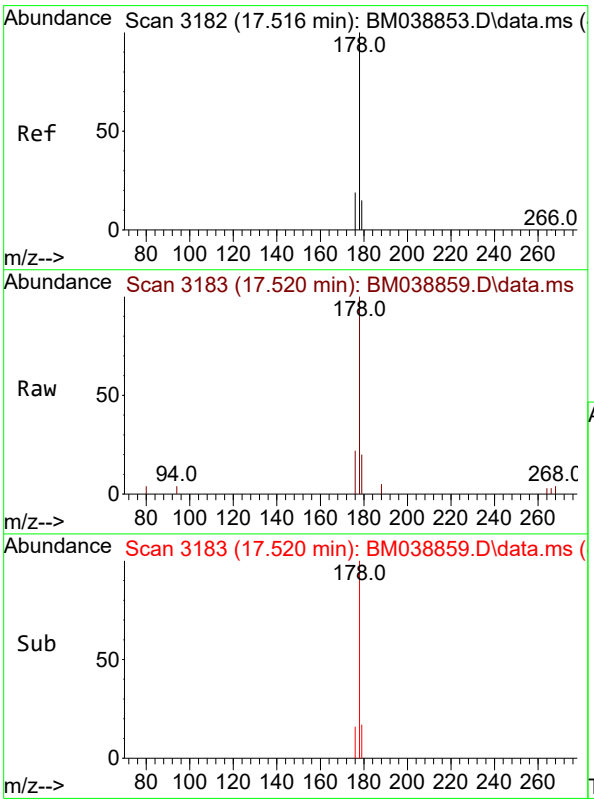
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Delta R.T. 0.000 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:178 Resp: 3807

Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.7	19.1
176	21.7	15.9	23.9

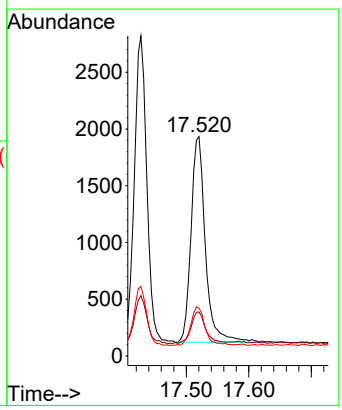


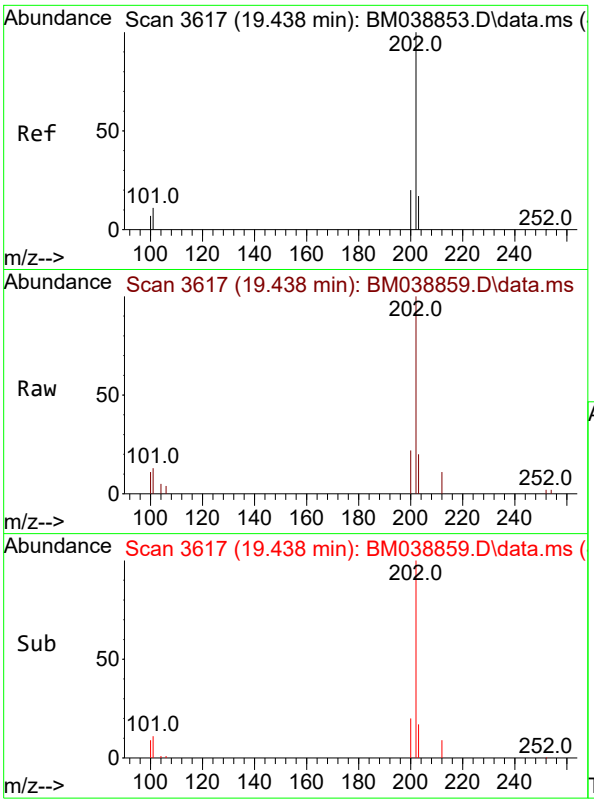


#16
Anthracene
Concen: 0.062 ng/ul
RT: 17.520 min Scan# 3183
Delta R.T. 0.004 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:178 Resp: 2890

Ion	Ratio	Lower	Upper
178	100		
179	20.1	13.0	19.6#
176	21.8	15.4	23.2



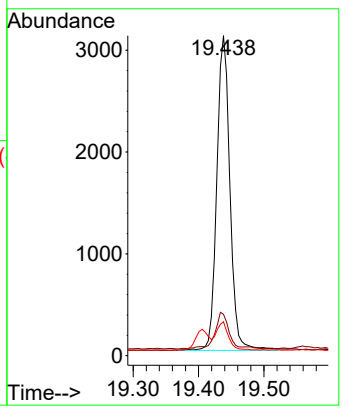


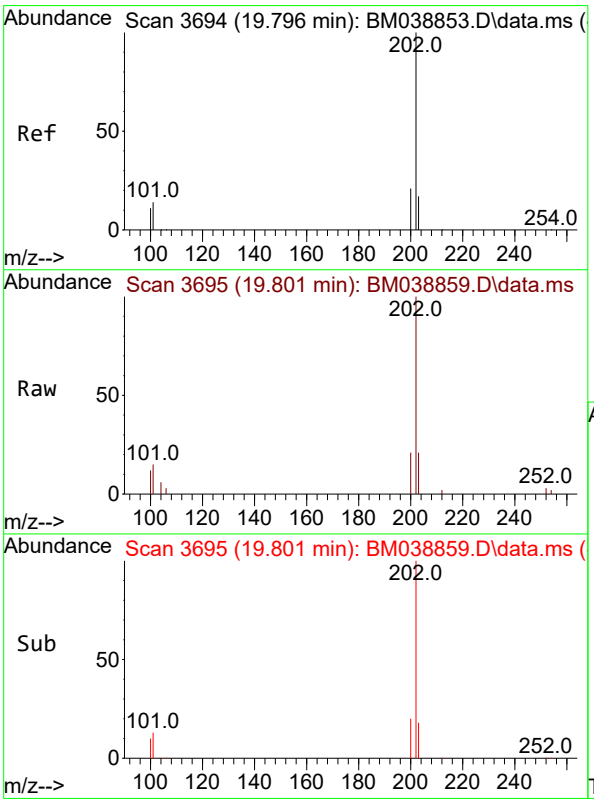
#19
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.438 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:202 Resp: 4320

Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.9	13.3
100	10.6	6.8	10.2#

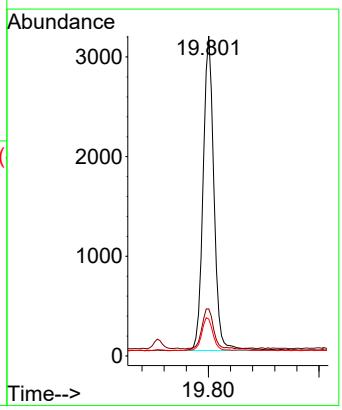


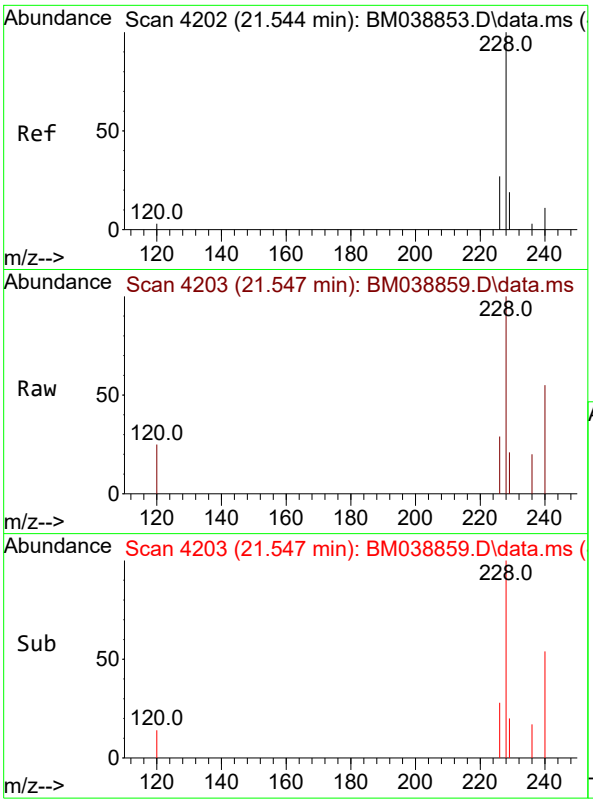


#20
Pyrene
Concen: 0.070 ng/ul
RT: 19.801 min Scan# 3695
Delta R.T. 0.005 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:202 Resp: 4305

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.2	16.8
100	11.6	9.0	13.6





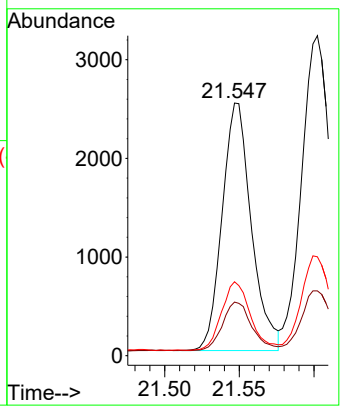
#21
Benzo(a)anthracene
Concen: 0.068 ng/ul
RT: 21.547 min Scan# 4

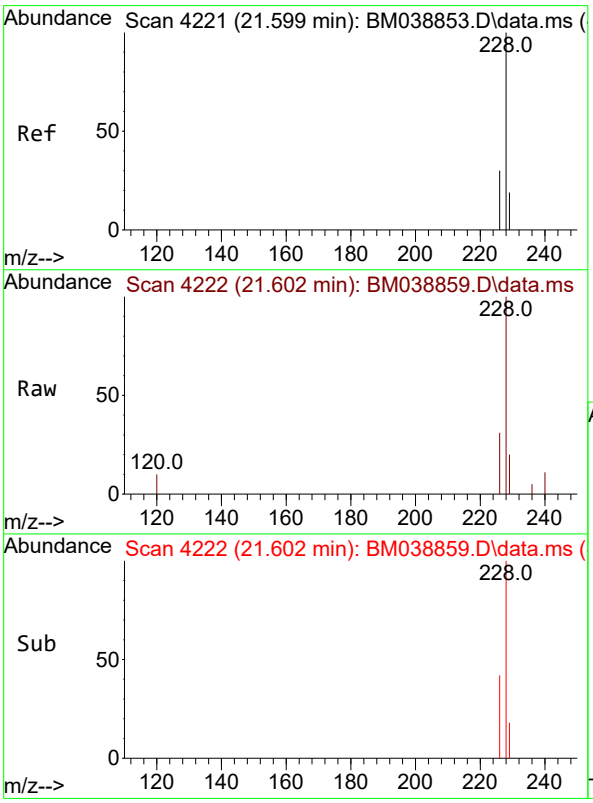
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Delta R.T. 0.003 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:228 Resp: 3420

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	29.2	22.0	33.0

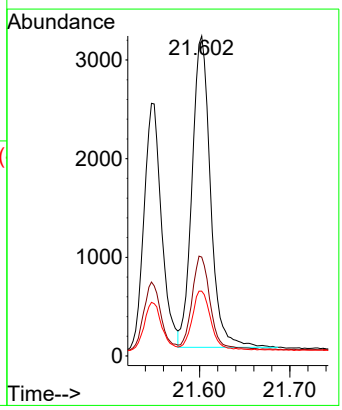


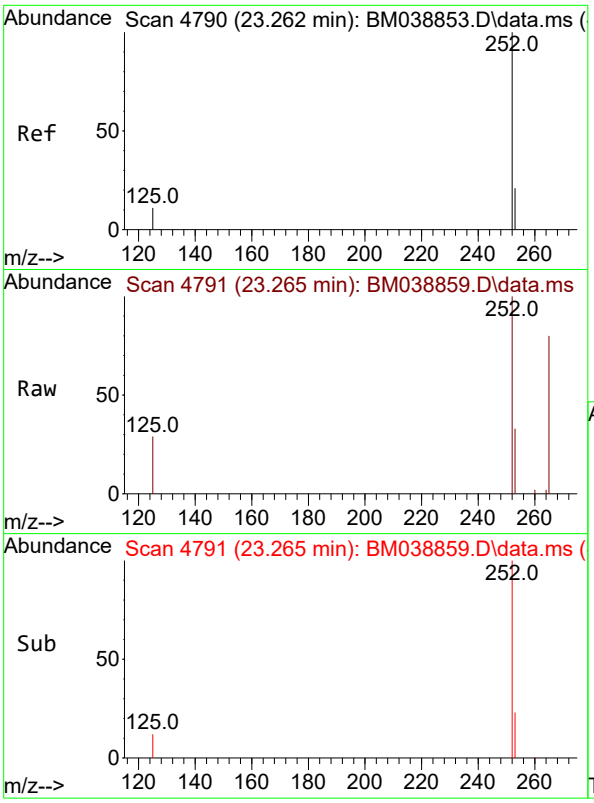


#22
Chrysene
Concen: 0.074 ng/ul
RT: 21.602 min Scan# 4222
Delta R.T. 0.003 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:228 Resp: 4458

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	20.3	15.7	23.5



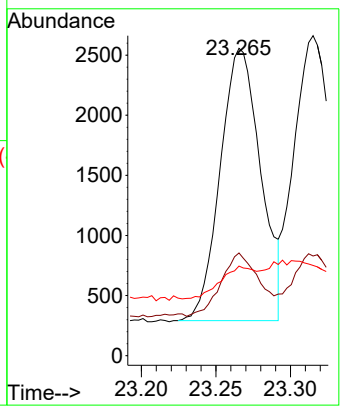


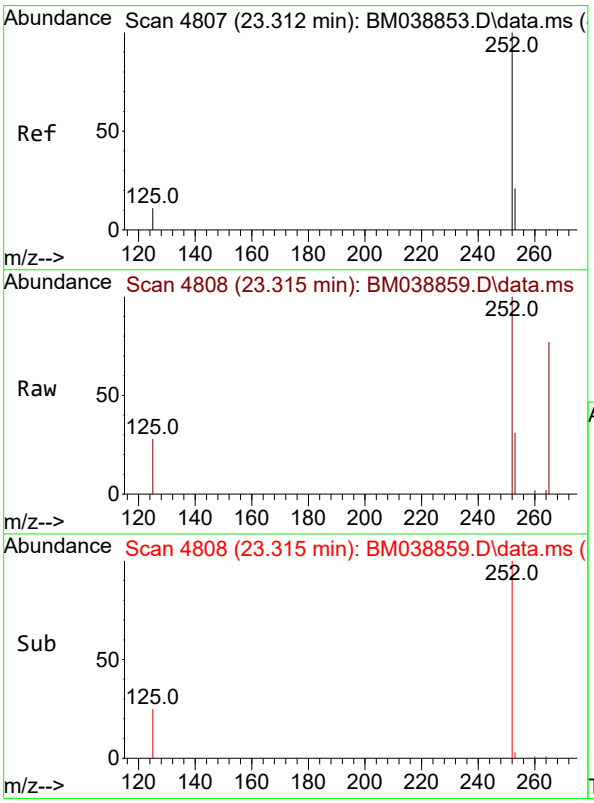
#24
Benzo(b)fluoranthene
Concen: 0.064 ng/ul
RT: 23.265 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:252 Resp: 4285

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	47.6
125	29.1	0.0	29.2

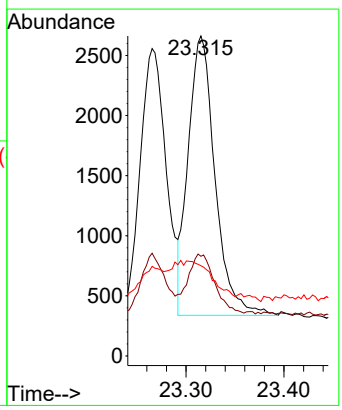


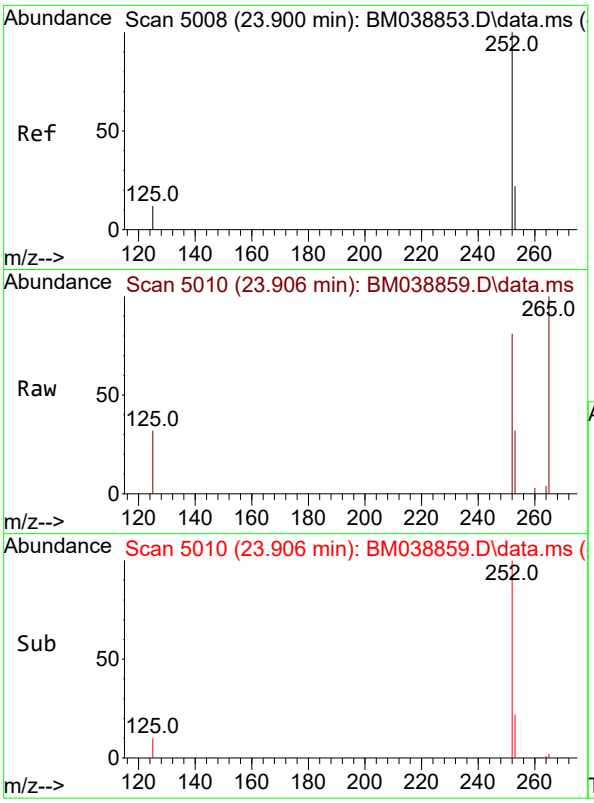


#25
Benzo(k)fluoranthene
Concen: 0.066 ng/ul
RT: 23.315 min Scan# 4808
Delta R.T. 0.003 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:252 Resp: 4427

Ion	Ratio	Lower	Upper
252	100		
253	31.1	19.2	28.8#
125	28.2	11.8	17.6#



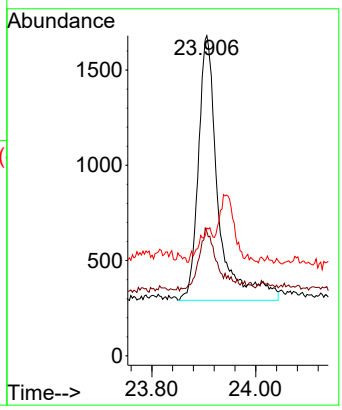


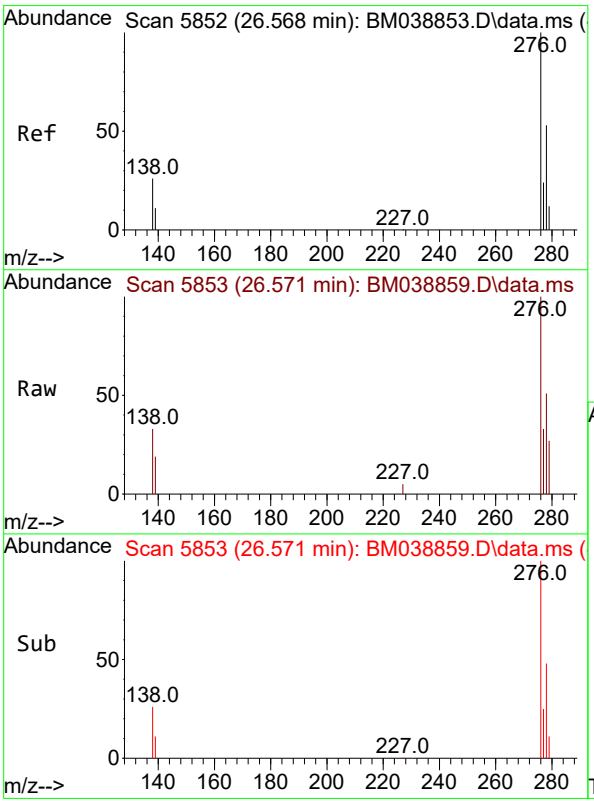
#26
Benzo(a)pyrene
Concen: 0.069 ng/ul
RT: 23.906 min Scan# 5
Delta R.T. 0.006 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:252 Resp: 3681

Ion	Ratio	Lower	Upper
252	100		
253	38.8	20.3	30.5#
125	39.9	14.0	21.0#

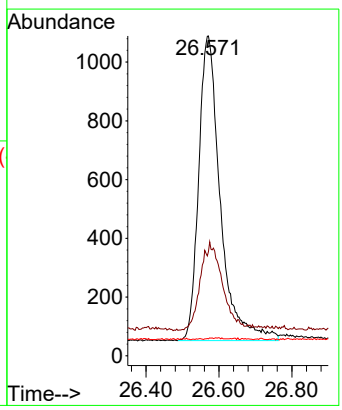


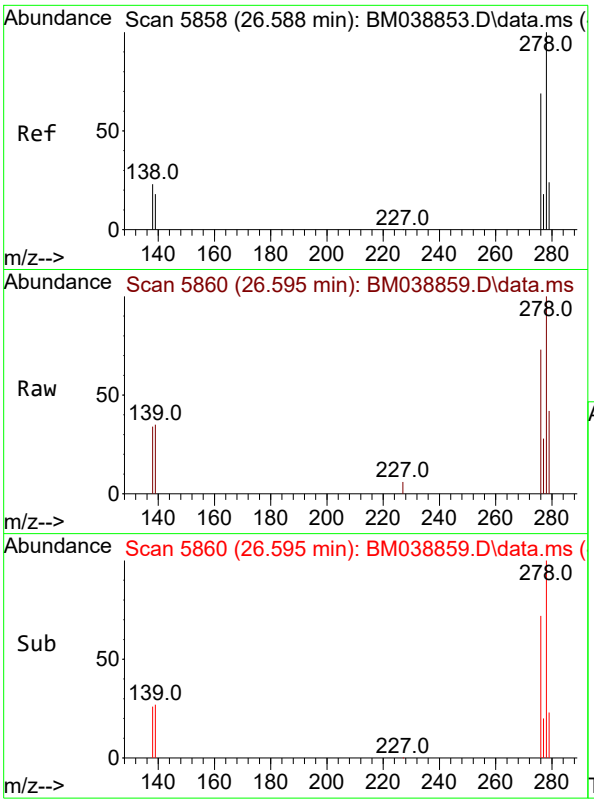


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/ul
RT: 26.571 min Scan# 5853
Delta R.T. 0.003 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:276 Resp: 4267

Ion	Ratio	Lower	Upper
276	100		
138	29.3	22.2	33.4
227	0.2	0.2	0.2



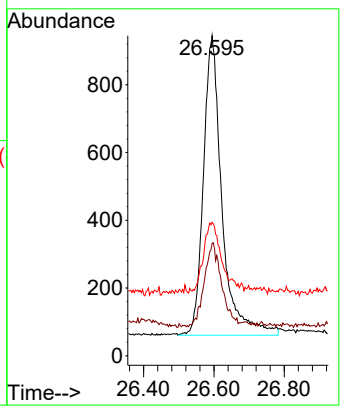


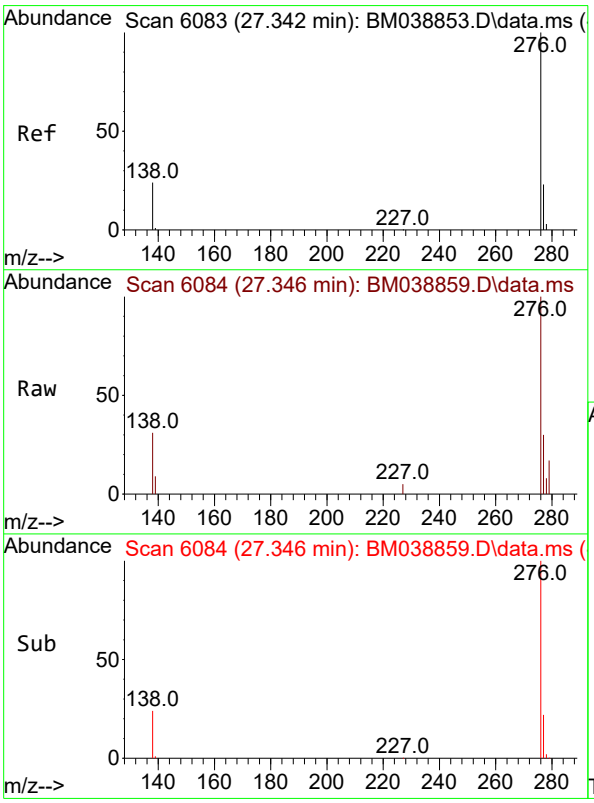
#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.595 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:278 Resp: 3241

Ion	Ratio	Lower	Upper
278	100		
139	35.1	16.0	24.0#
279	41.7	21.8	32.6#





#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 27.346 min Scan# 6084
Delta R.T. 0.003 min
Lab File: BM038859.D
Acq: 03 Mar 2023 15:04

Tgt Ion:276 Resp: 3956

Ion	Ratio	Lower	Upper
276	100		
138	30.9	20.2	30.4#
277	29.7	19.8	29.8