Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022123\
Data File : BN024077.D
Acq On : 21 Feb 2023 11:19
Operator : CG/JU
Sample : 01378-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 22 01:30:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 14:45:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4366	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	11263	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	6108	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	12282	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.429	240	8611	0.400	ng/ul	# 0.00
23) Perylene-d12	23.814	264	6710	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	2459	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	5181	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	10444	0.451	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.260	88	473	0.095	ng/ul#	85
5) Naphthalene	10.683	128	1907	0.062	ng/ul#	92
7) 2-Methylnaphthalene	12.300	142	1151	0.057	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	1131	0.055	ng/ul	99
10) Acenaphthylene	14.201	152	1361	0.058	ng/ul#	93
11) Acenaphthene	14.544	153	1265	0.062	ng/ul	97
12) Fluorene	15.538	166	1391	0.056	ng/ul#	98
14) Pentachlorophenol	16.892	266	390	0.096	ng/ul	96
15) Phenanthrene	17.276	178	2231	0.061	ng/ul#	93
16) Anthracene	17.369	178	1702	0.056	ng/ul#	90
19) Fluoranthene	19.295	202	2413	0.084	ng/ul#	89
20) Pyrene	19.657	202	2364	0.080	ng/ul#	88
21) Benzo(a)anthracene	21.411	228	1701	0.058	ng/ul	93
22) Chrysene	21.464	228	1983	0.064	ng/ul	94
24) Benzo(b)fluoranthene	23.089	252	2126	0.072	ng/ul#	46
25) Benzo(k)fluoranthene	23.136	252	1799	0.062	ng/ul#	50
26) Benzo(a)pyrene	23.715	252	1802	0.073	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	26.295	276	2171	0.063	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.312	278	1668	0.060	ng/ul#	58
29) Benzo(g,h,i)perylene	27.067	276	1863	0.065	ng/ul#	76

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022123\
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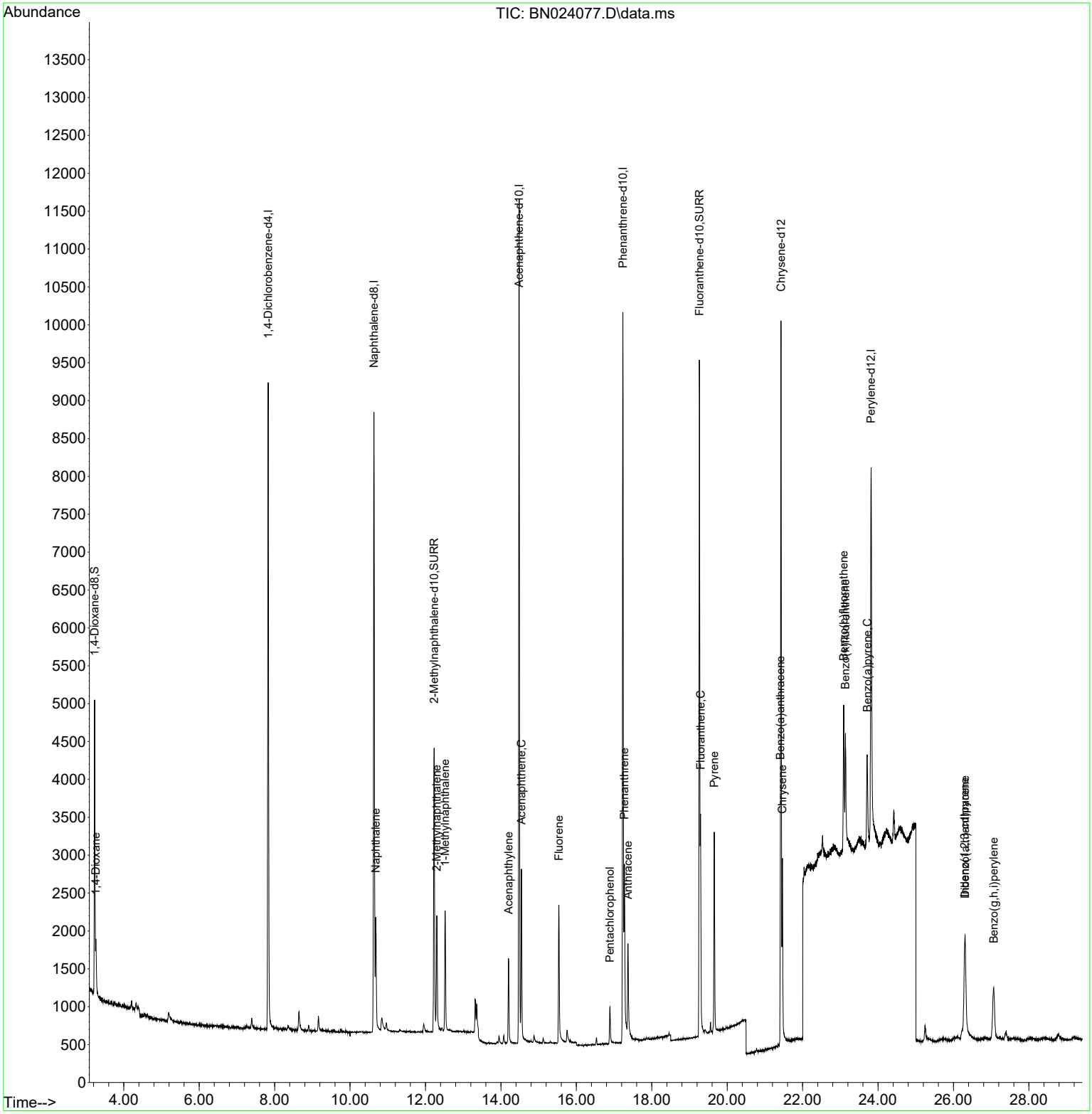
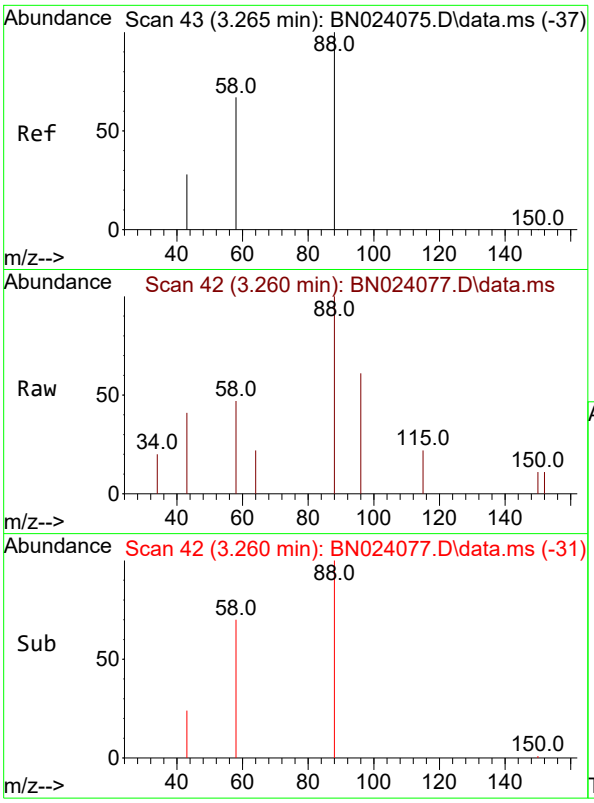
Operator : CG/JU
Sample : 01378-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 22 01:30:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 14:45:13 2023
Response via : Initial Calibration



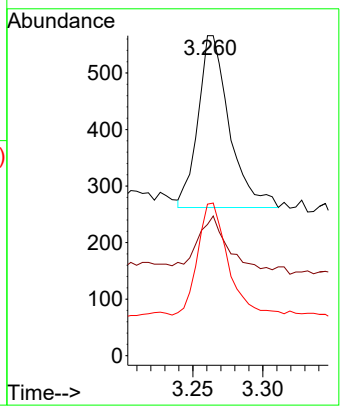


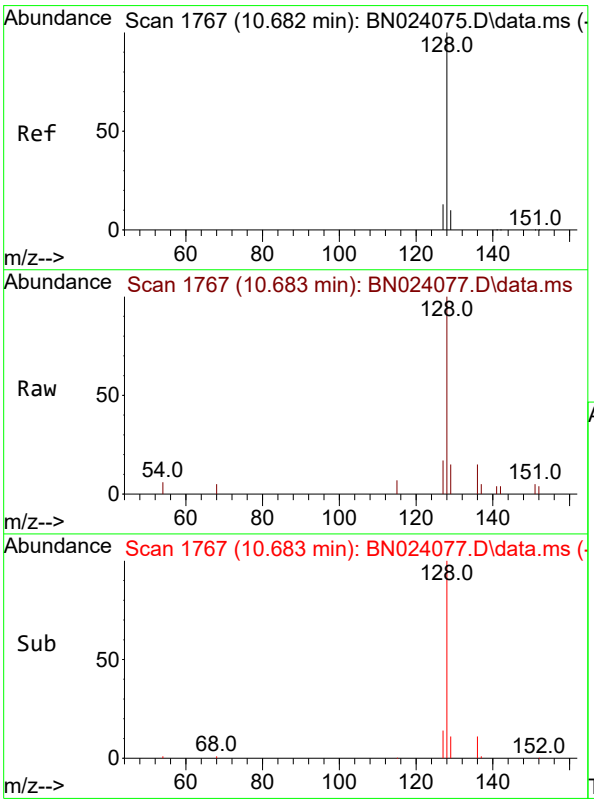
#2
1,4-Dioxane
Concen: 0.095 ng/ul
RT: 3.260 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion: 88 Resp: 473

Ion	Ratio	Lower	Upper
88	100		
43	41.0	41.9	62.9#
58	47.3	45.6	68.4

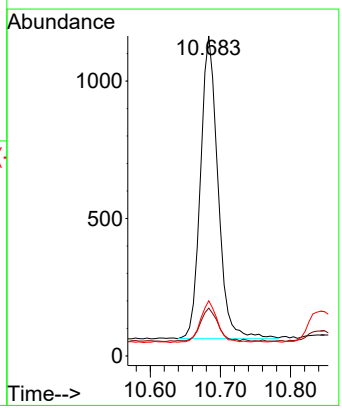


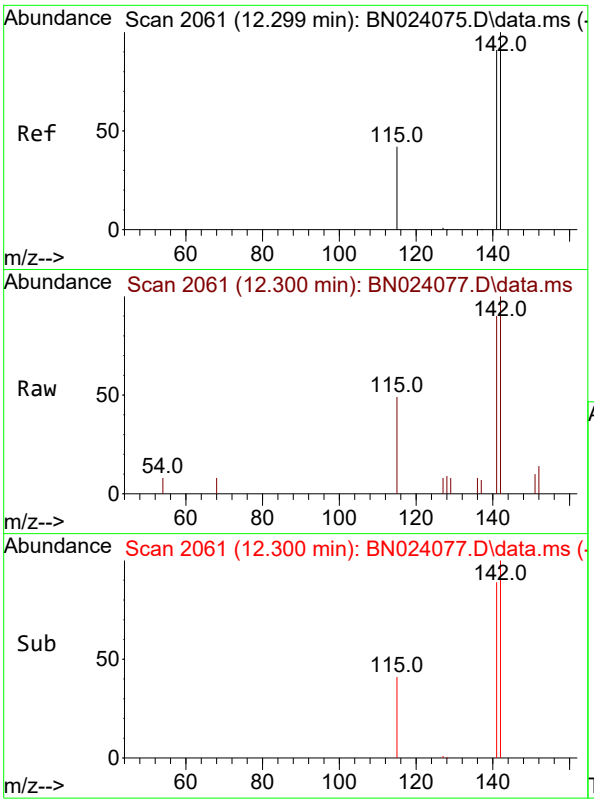


#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:128 Resp: 1907

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.7	14.5#
127	17.3	11.1	16.7#



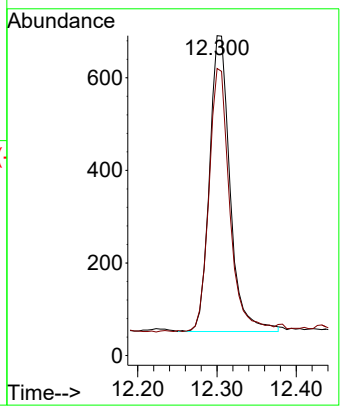


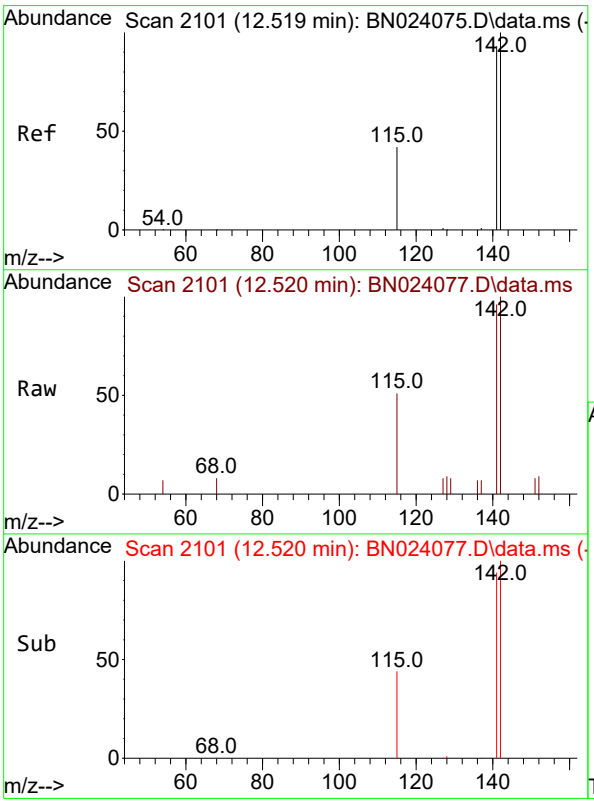
#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.300 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:142 Resp: 1151

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.6	107.4

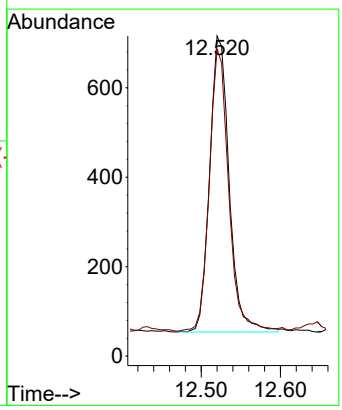


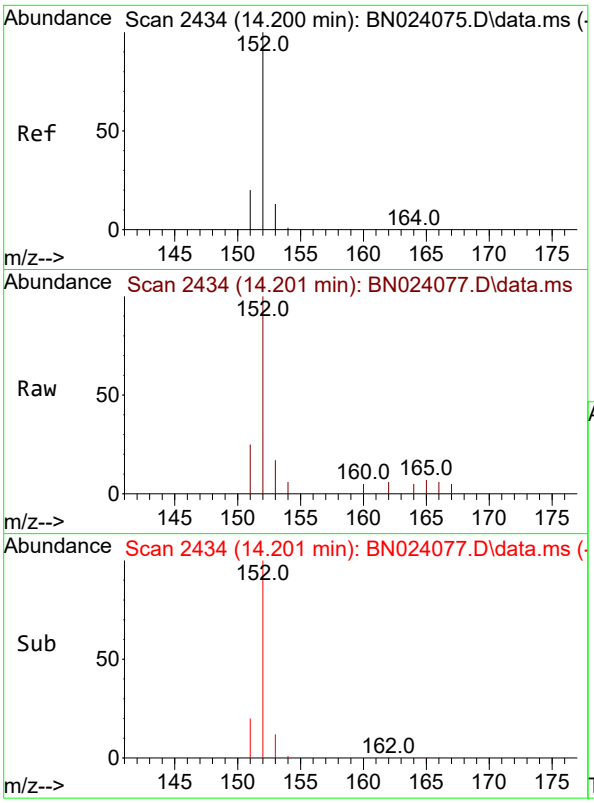


#8
1-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:142 Resp: 1131

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.1	111.1



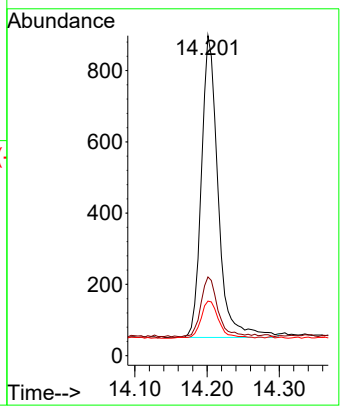


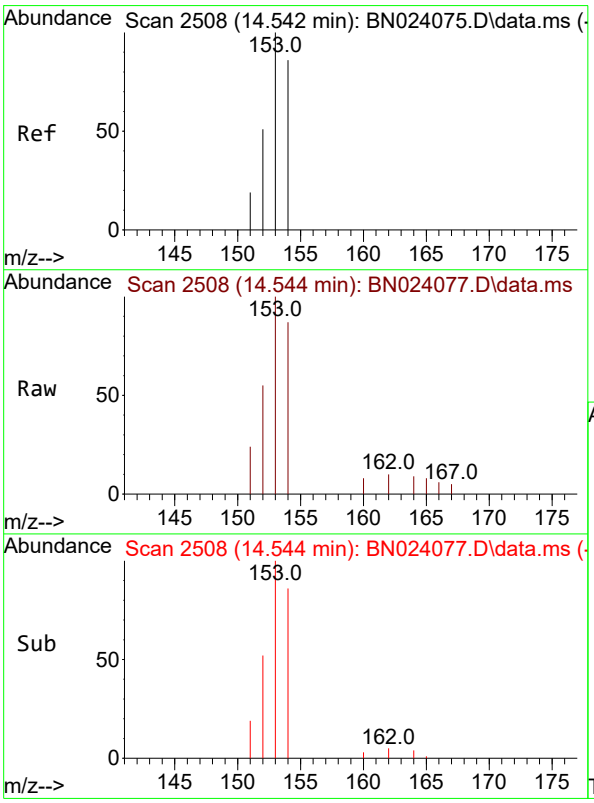
#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.201 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:152 Resp: 1361

Ion	Ratio	Lower	Upper
152	100		
151	24.6	17.0	25.4
153	17.0	11.1	16.7#

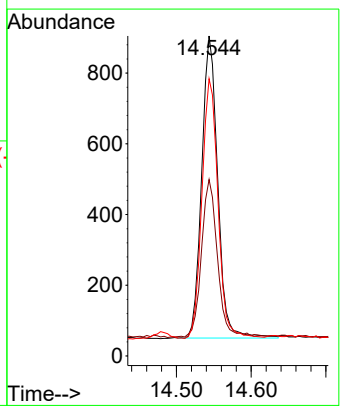


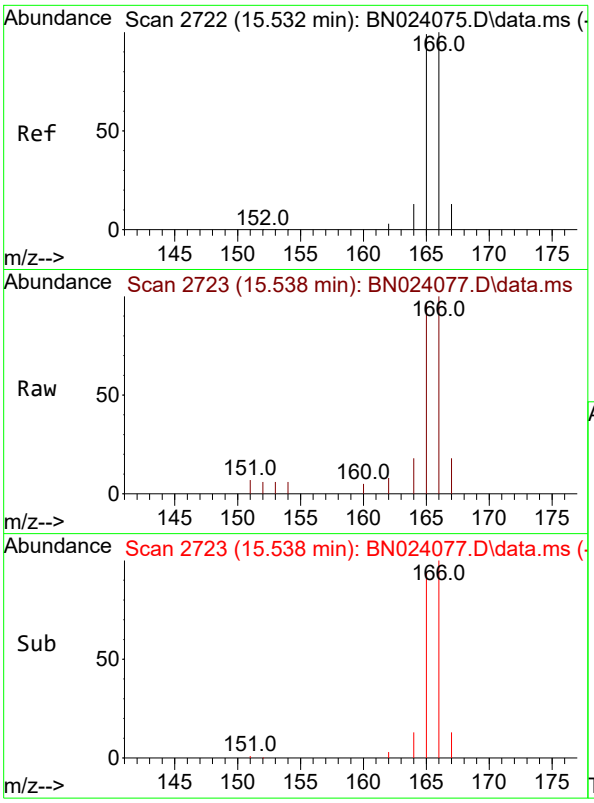


#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:153 Resp: 1265

Ion	Ratio	Lower	Upper
153	100		
152	55.1	39.6	59.4
154	86.6	68.8	103.2



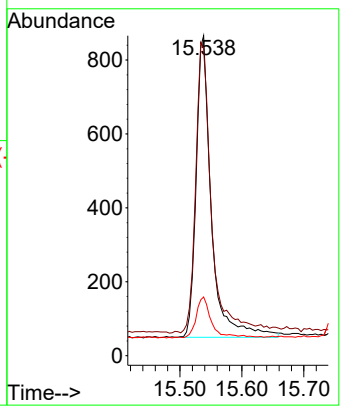


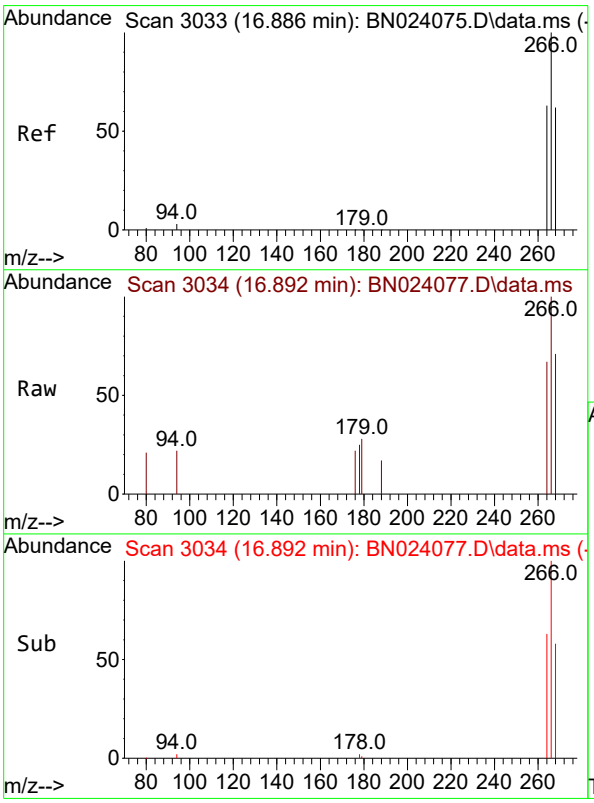
#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.538 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:166 Resp: 1391

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.4	116.2
167	18.4	11.4	17.0#

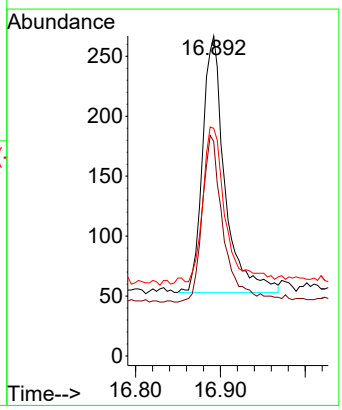


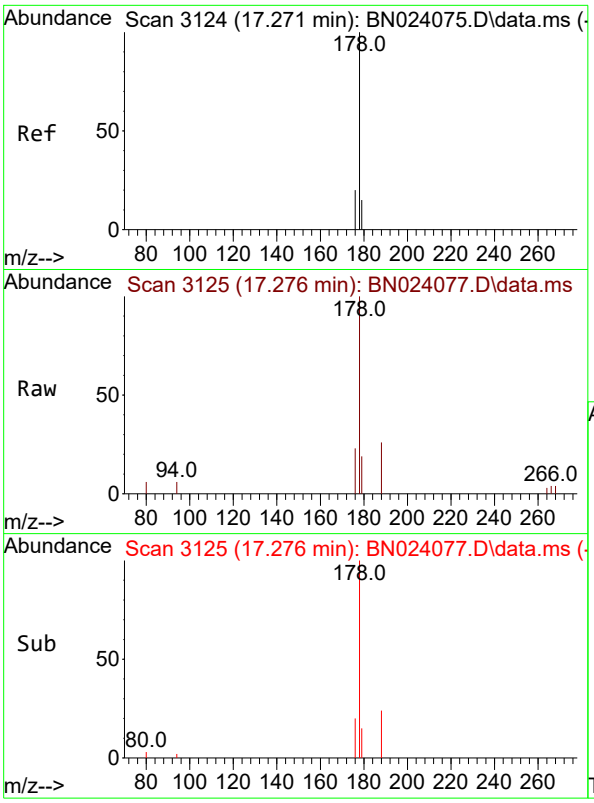


#14
Pentachlorophenol
Concen: 0.096 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:266 Resp: 390

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.4	74.0
268	60.0	52.0	78.0



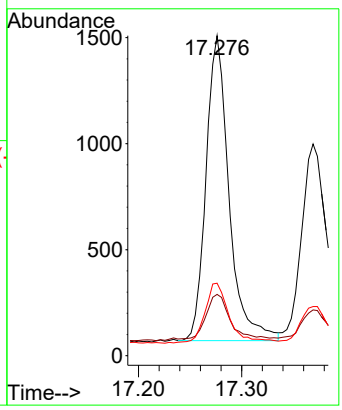


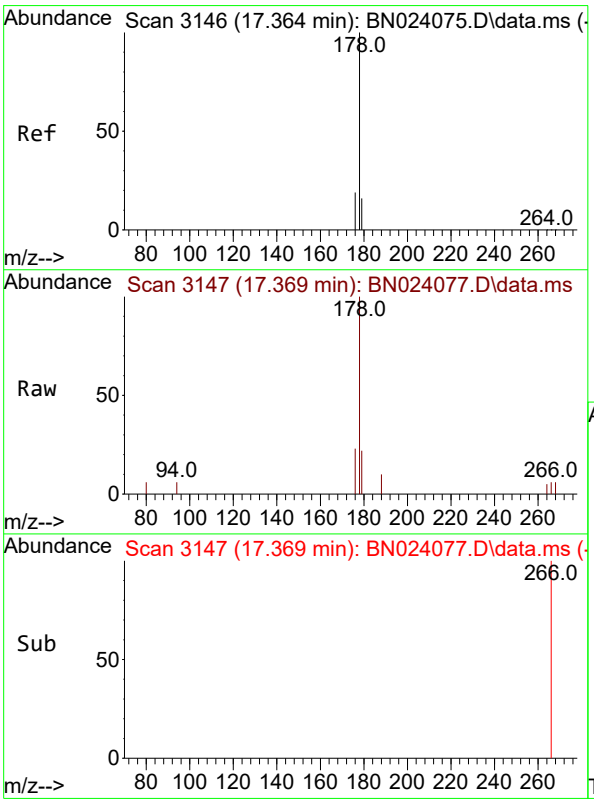
#15
Phenanthrene
Concen: 0.061 ng/ul
RT: 17.276 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:178 Resp: 2231

Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.6	19.0#
176	22.7	15.7	23.5

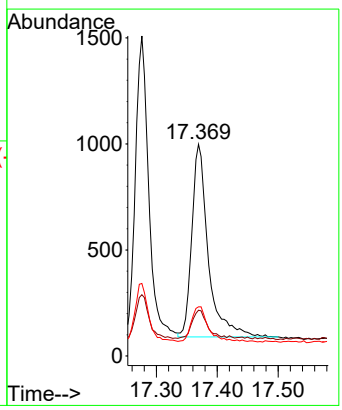


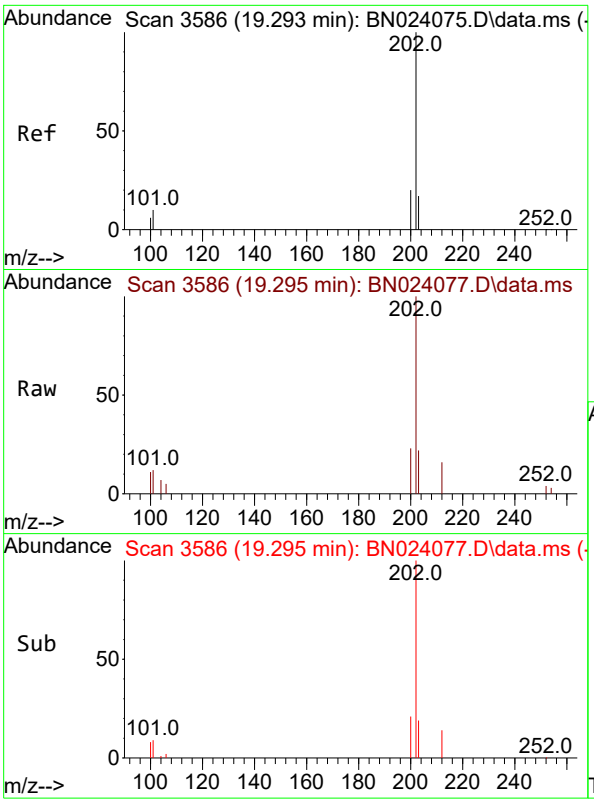


#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.369 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:178 Resp: 1702

Ion	Ratio	Lower	Upper
178	100		
179	21.6	13.4	20.0#
176	23.2	15.4	23.2#



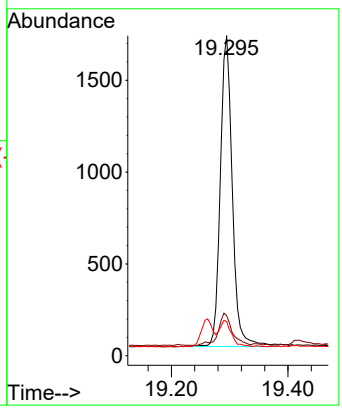


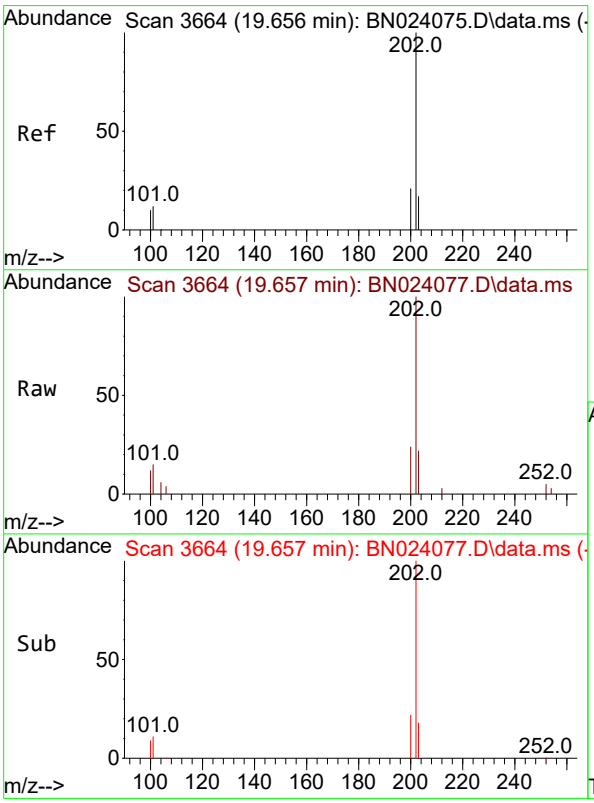
#19
Fluoranthene
Concen: 0.084 ng/ul
RT: 19.295 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:202 Resp: 2413

Ion	Ratio	Lower	Upper
202	100		
101	12.4	6.8	10.2#
100	10.6	5.2	7.8#

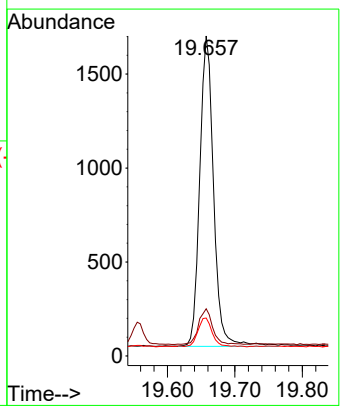


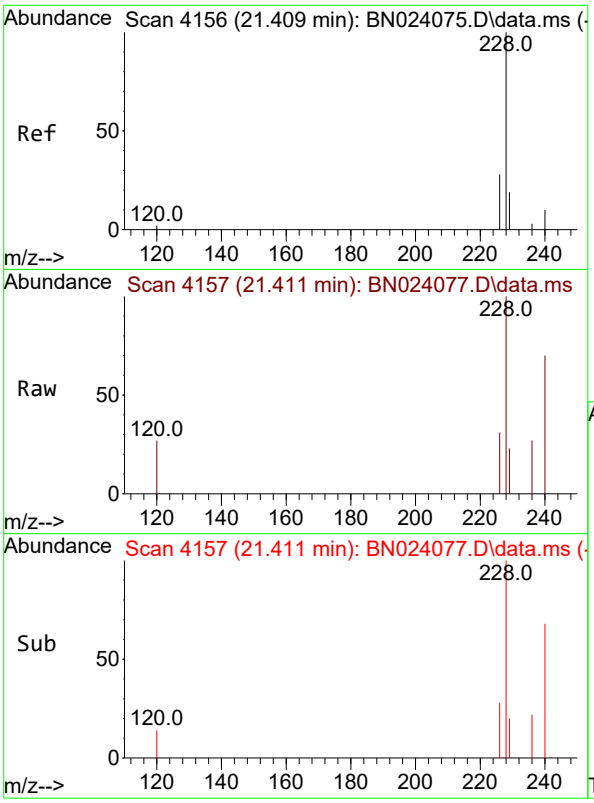


#20
Pyrene
Concen: 0.080 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:202 Resp: 2364

Ion	Ratio	Lower	Upper
202	100		
101	14.7	8.1	12.1#
100	11.9	6.2	9.4#



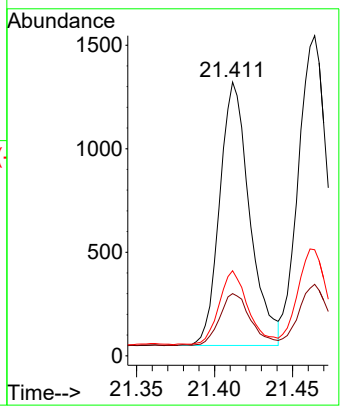


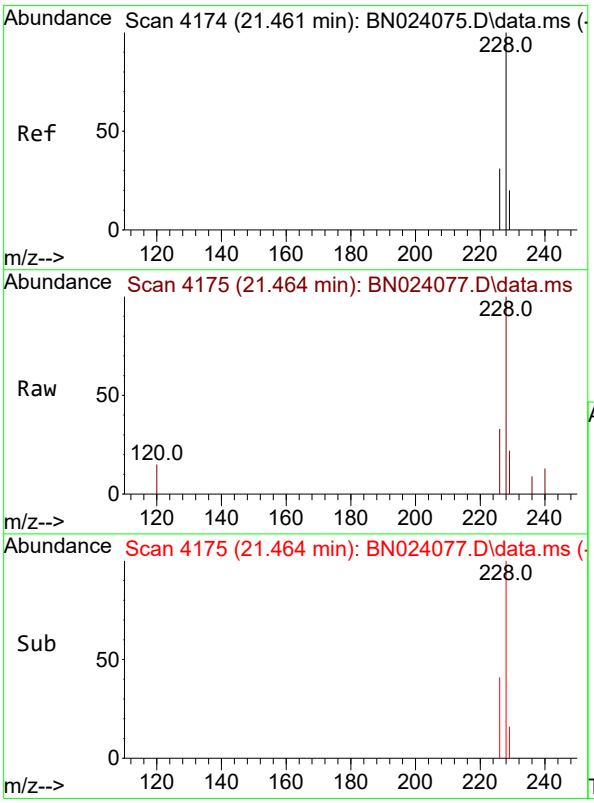
#21
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.411 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:228 Resp: 1701

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.8	23.8
226	31.1	22.0	33.0

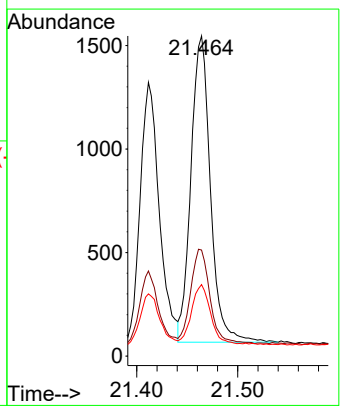


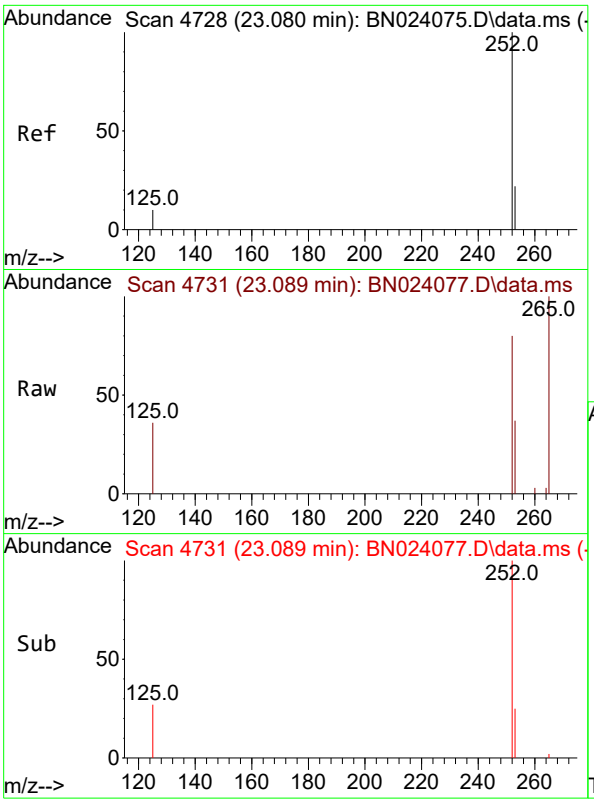


#22
Chrysene
Concen: 0.064 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:228 Resp: 1983

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.2	36.2
229	22.3	15.5	23.3



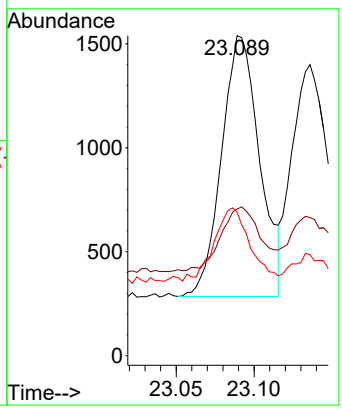


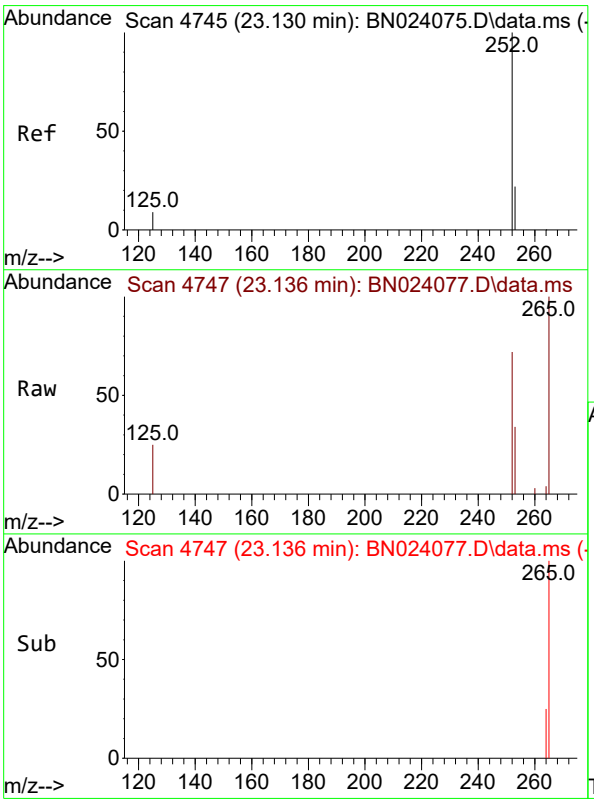
#24
Benzo(b)fluoranthene
Concen: 0.072 ng/ul
RT: 23.089 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:252 Resp: 2126

Ion	Ratio	Lower	Upper
252	100		
253	45.9	0.0	51.8
125	45.0	0.0	23.6#

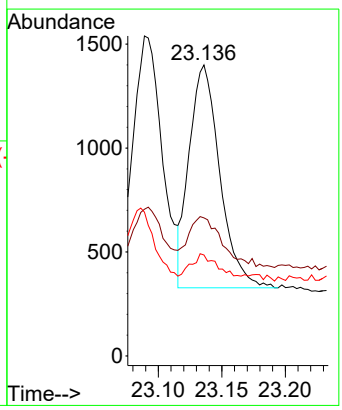


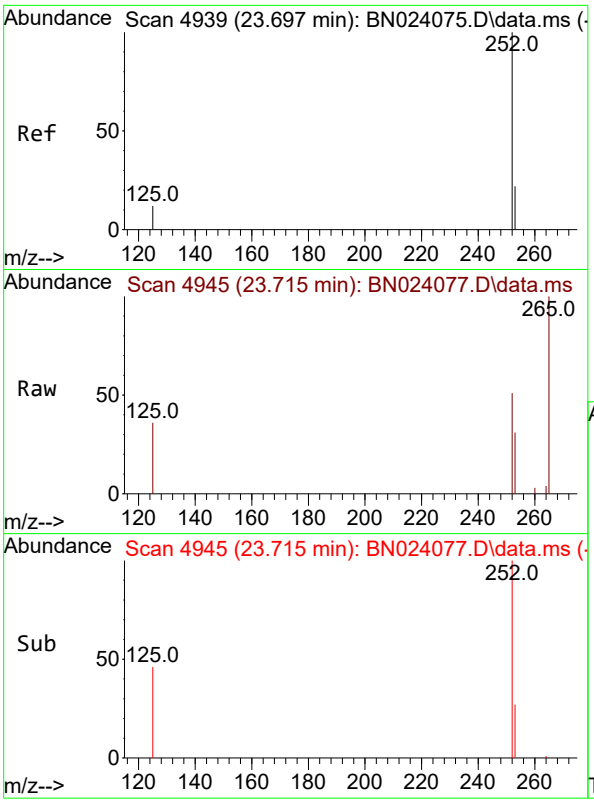


#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. -0.003 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:252 Resp: 1799

Ion	Ratio	Lower	Upper
252	100		
253	47.4	20.2	30.2#
125	34.7	9.0	13.4#



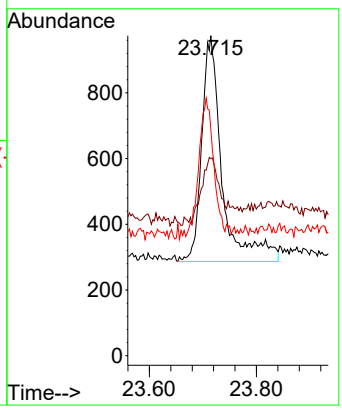


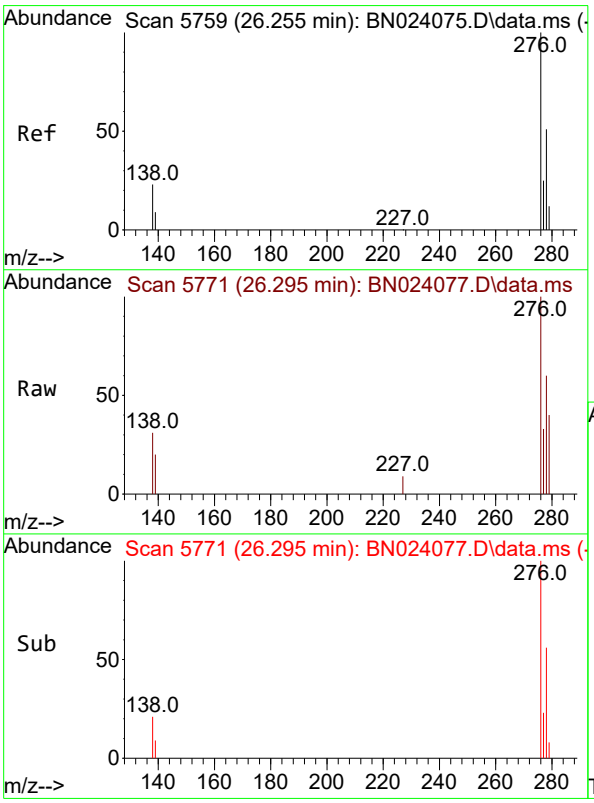
#26
Benzo(a)pyrene
Concen: 0.073 ng/ul
RT: 23.715 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:252 Resp: 1802

Ion	Ratio	Lower	Upper
252	100		
253	61.6	21.5	32.3#
125	70.6	11.2	16.8#

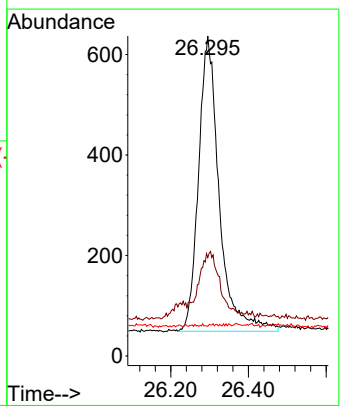


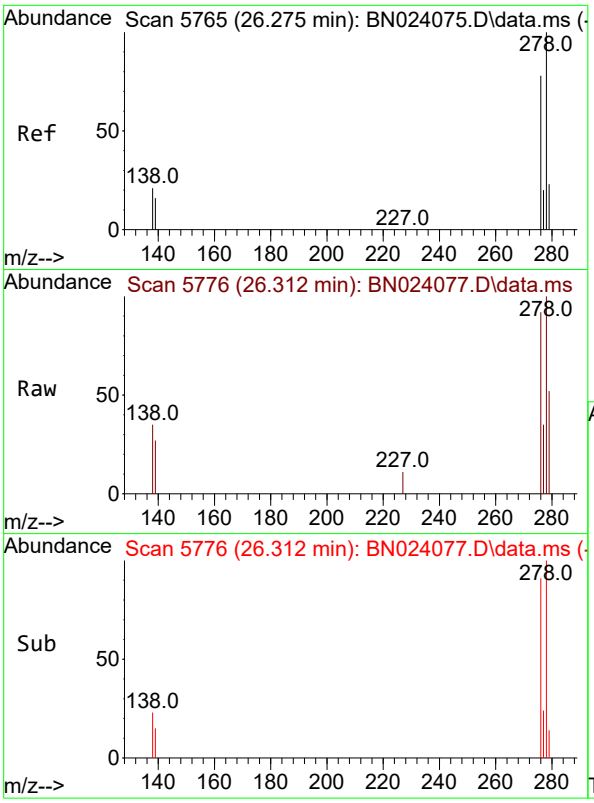


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/ul
RT: 26.295 min Scan# 5771
Delta R.T. 0.003 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:276 Resp: 2171

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.0	25.6
227	0.1	0.2	0.4#



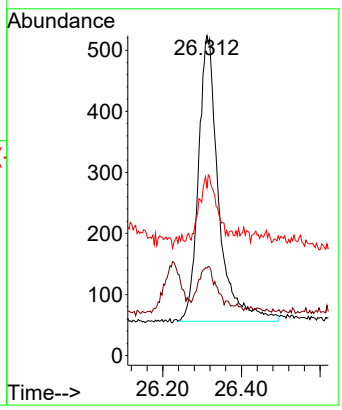


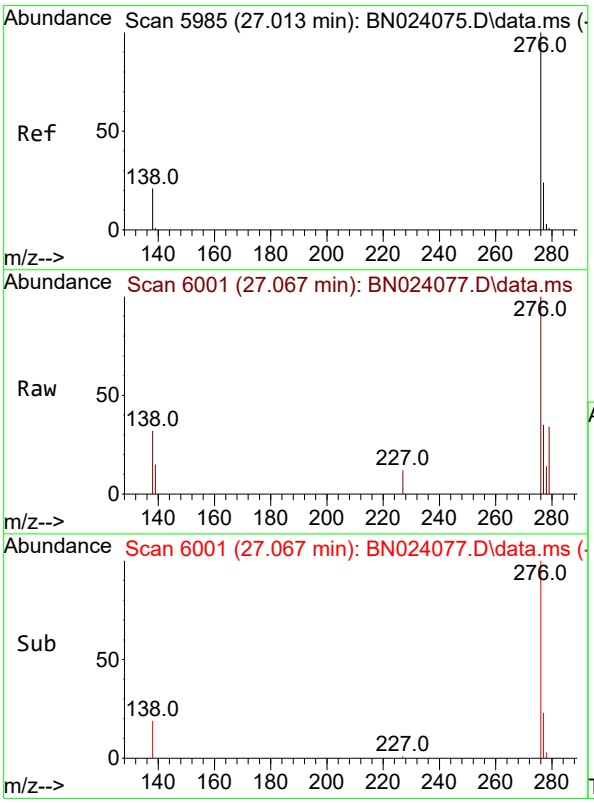
#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 26.312 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

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

Tgt Ion:278 Resp: 1668

Ion	Ratio	Lower	Upper
278	100		
139	27.3	12.3	18.5#
279	52.5	21.4	32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 27.067 min Scan# 6001
Delta R.T. 0.020 min
Lab File: BN024077.D
Acq: 21 Feb 2023 11:19

Tgt Ion:276 Resp: 1863

Ion	Ratio	Lower	Upper
276	100		
138	32.4	15.3	22.9#
277	34.7	19.9	29.9#