Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022223\
Data File : BN024084.D
Acq On : 22 Feb 2023 10:57
Operator : CG/JU
Sample : 01378-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Quant Time: Feb 23 02:34:43 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	7.825	152	4538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	11806	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.479	164	6423	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	12387	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.423	240	8398	0.400	ng/ul	# 0.00
23) Perylene-d12	23.808	264	6556	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	2444	0.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	5511	0.298	ng/ul	-0.01
18) Fluoranthene-d10	19.262	212	10161	0.450	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.260	88	447	0.087	ng/ul	92
5) Naphthalene	10.683	128	1968	0.061	ng/ul#	93
7) 2-Methylnaphthalene	12.300	142	1209	0.058	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	1799	0.084	ng/ul	99
10) Acenaphthylene	14.201	152	1449	0.059	ng/ul#	92
11) Acenaphthene	14.544	153	1344	0.062	ng/ul	96
12) Fluorene	15.534	166	1418	0.054	ng/ul#	94
14) Pentachlorophenol	16.888	266	374	0.092	ng/ul	99
15) Phenanthrene	17.272	178	2275	0.062	ng/ul#	93
16) Anthracene	17.272	178	1417	0.046	ng/ul	93
19) Fluoranthene	19.290	202	2356	0.084	ng/ul#	86
20) Pyrene	19.657	202	2303	0.080	ng/ul#	90
21) Benzo(a)anthracene	21.409	228	1670	0.059	ng/ul	93
22) Chrysene	21.461	228	1936	0.064	ng/ul	95
24) Benzo(b)fluoranthene	23.086	252	2068	0.071	ng/ul#	49
25) Benzo(k)fluoranthene	23.133	252	1761	0.062	ng/ul#	48
26) Benzo(a)pyrene	23.697	252	1572	0.065	ng/ul#	15
27) Indeno(1,2,3-cd)pyrene	26.272	276	2061	0.061	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.305	278	1561	0.058	ng/ul#	50
29) Benzo(g,h,i)perylene	27.030	276	1828	0.066	ng/ul#	76

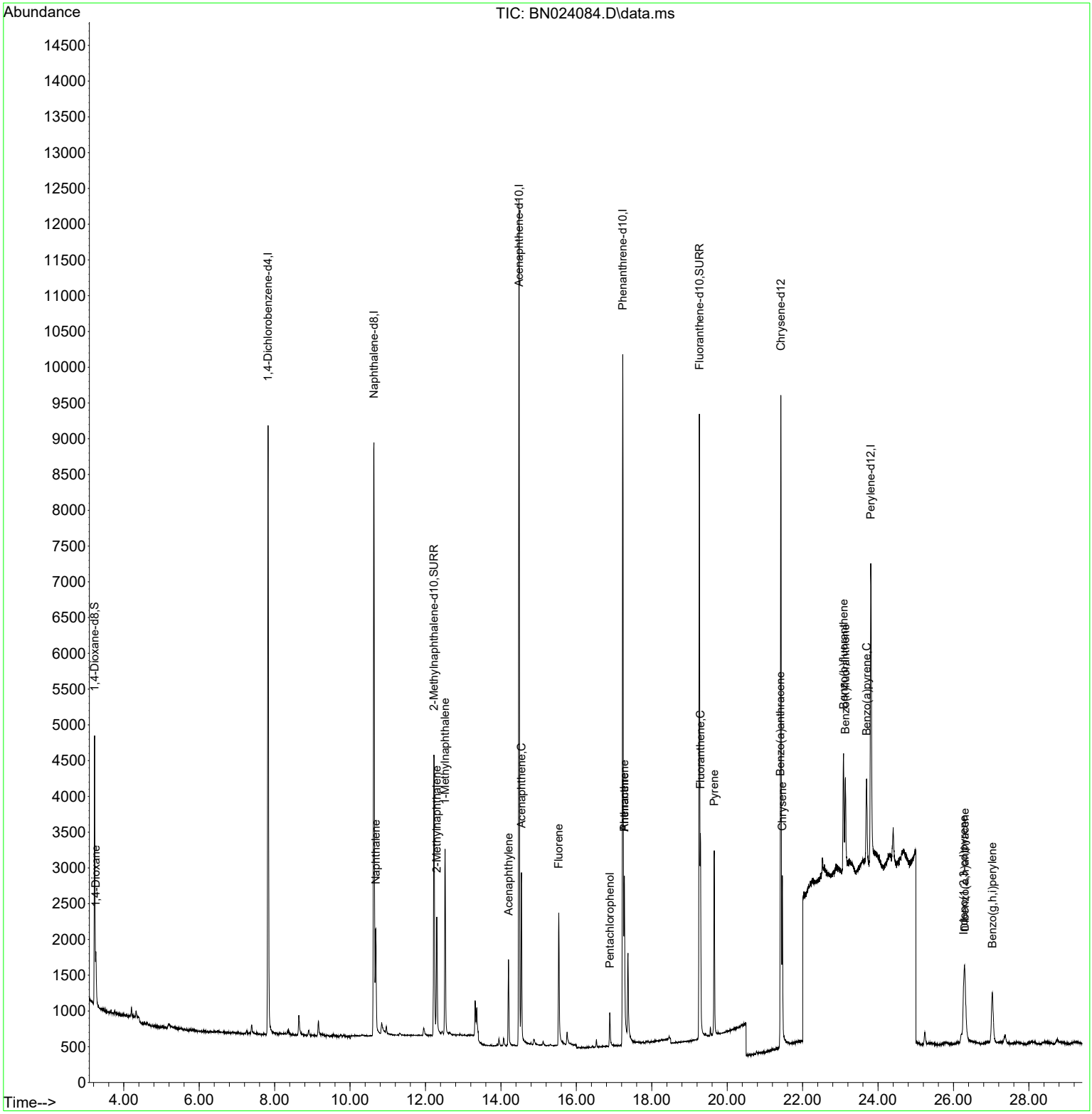
(#) = qualifier out of range (m) = manual integration (+) = signals summed

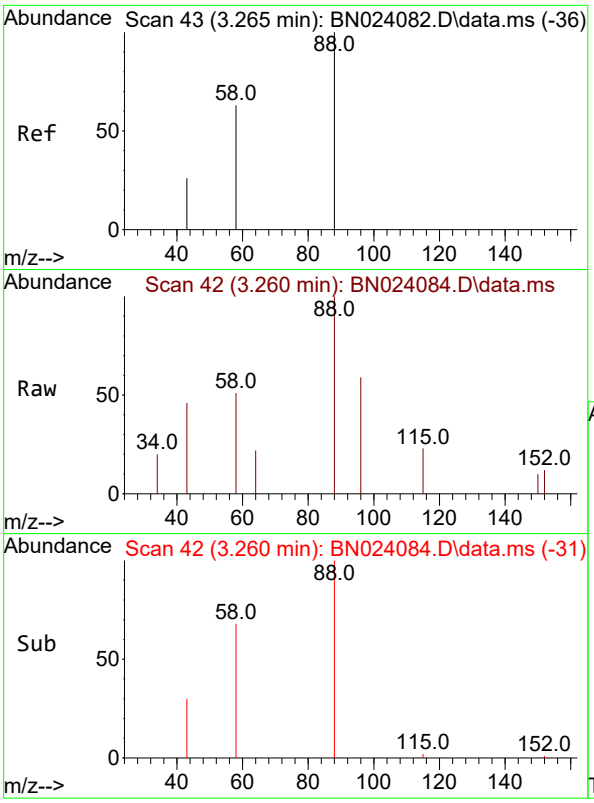
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022223\
Data File : BN024084.D
Acq On : 22 Feb 2023 10:57
Operator : CG/JU
Sample : 01378-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Quant Time: Feb 23 02:34:43 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



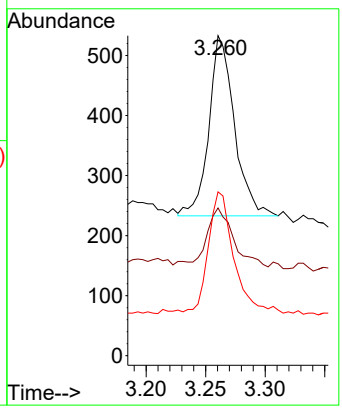


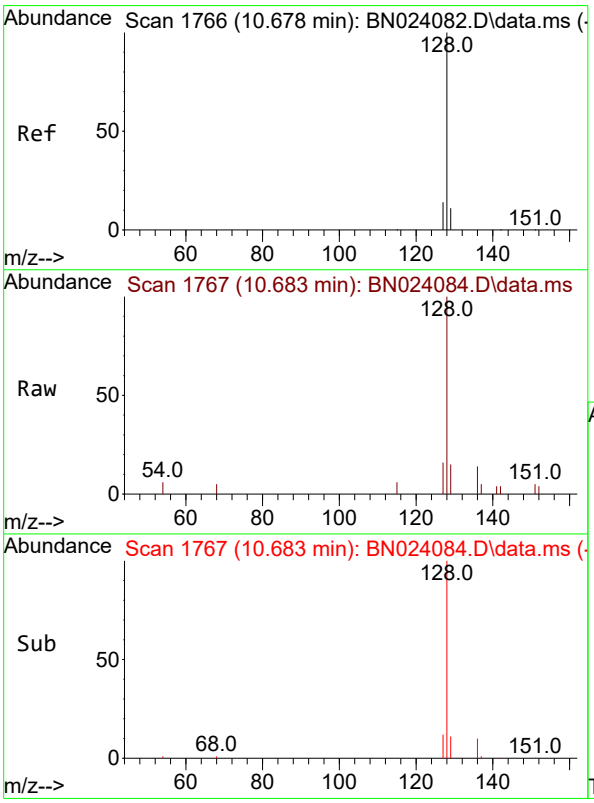
#2
1,4-Dioxane
Concen: 0.087 ng/ul
RT: 3.260 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion: 88 Resp: 447

Ion	Ratio	Lower	Upper
88	100		
43	46.2	41.9	62.9
58	51.2	45.6	68.4

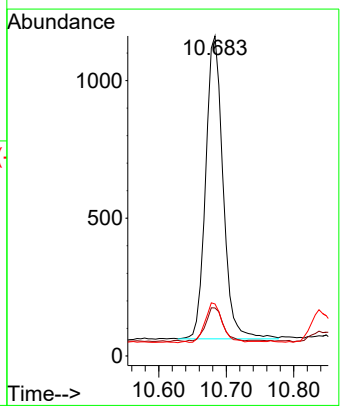


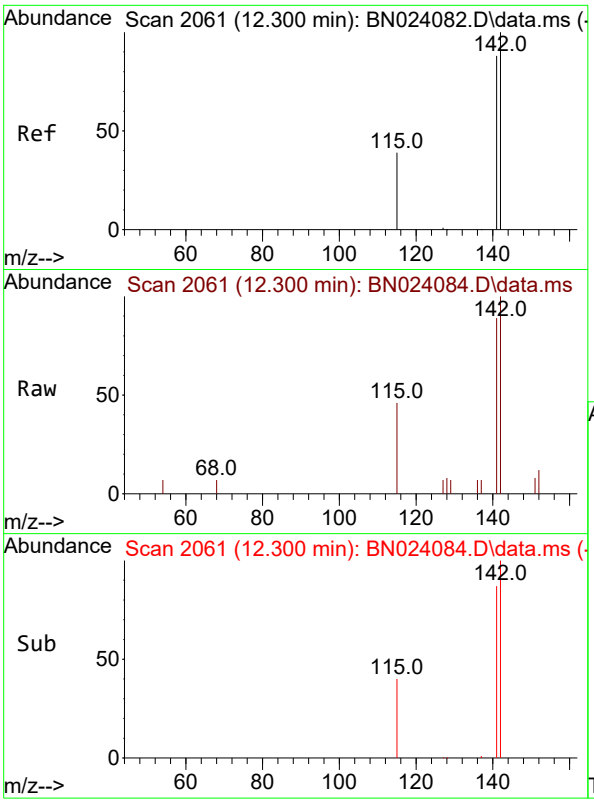


#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:128 Resp: 1968

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.7	14.5#
127	16.3	11.1	16.7



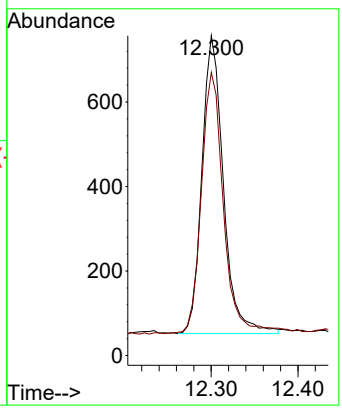


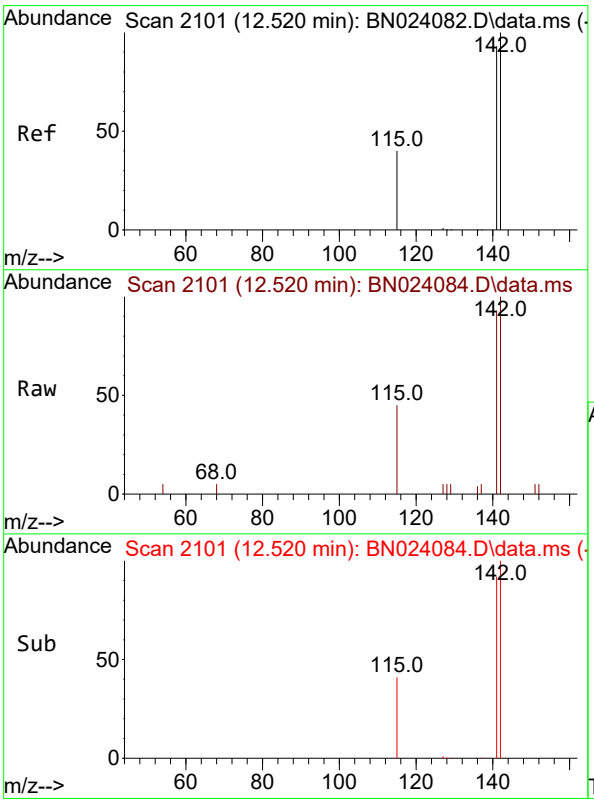
#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.300 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:142 Resp: 1209

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4

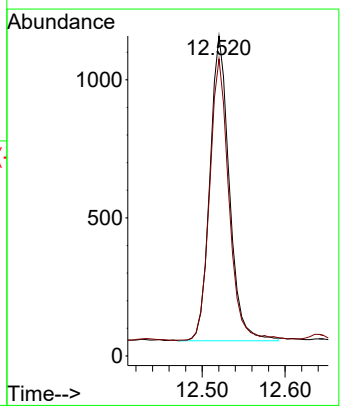


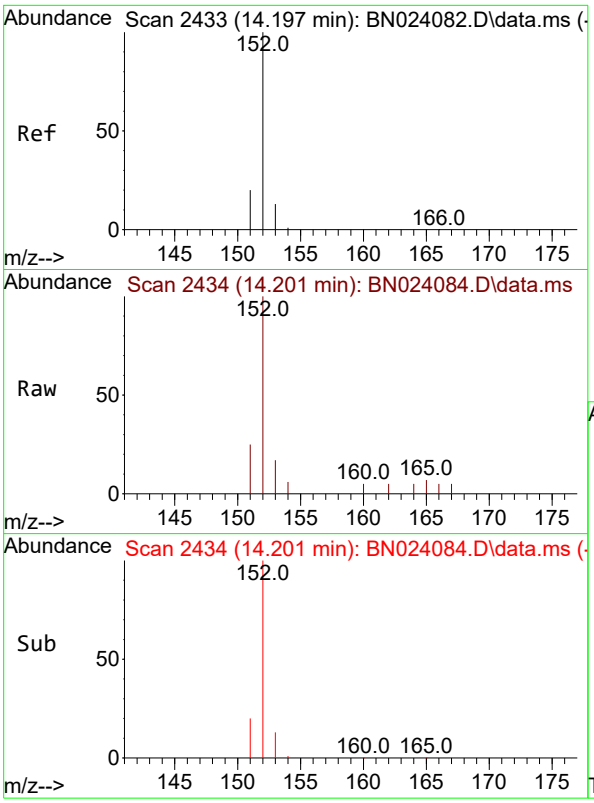


#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:142 Resp: 1799

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.1	111.1



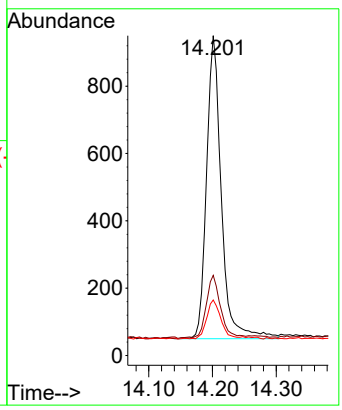


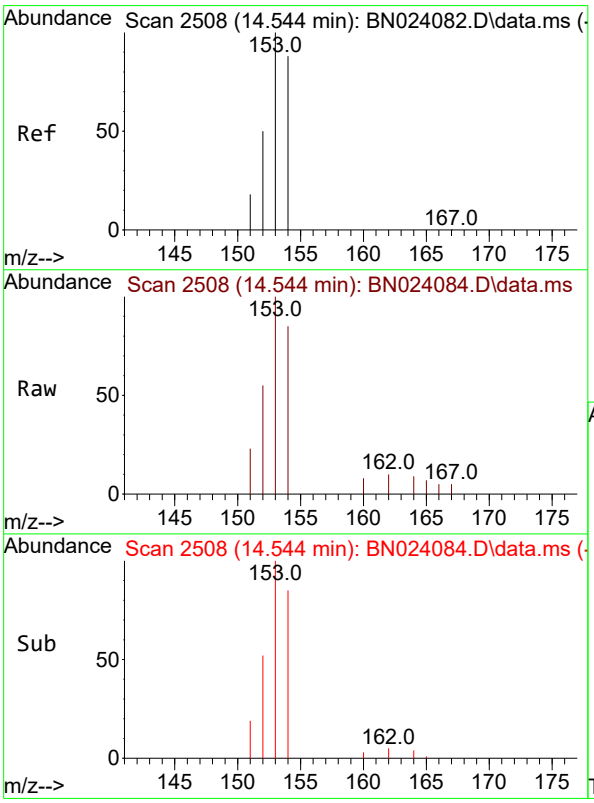
#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.201 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:152 Resp: 1449

Ion	Ratio	Lower	Upper
152	100		
151	25.1	17.0	25.4
153	17.4	11.1	16.7#

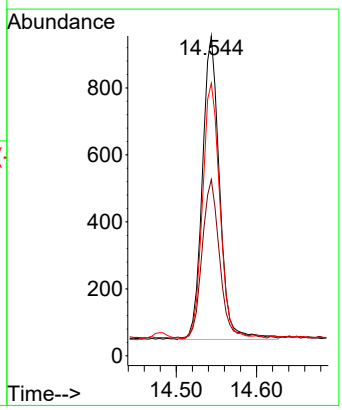


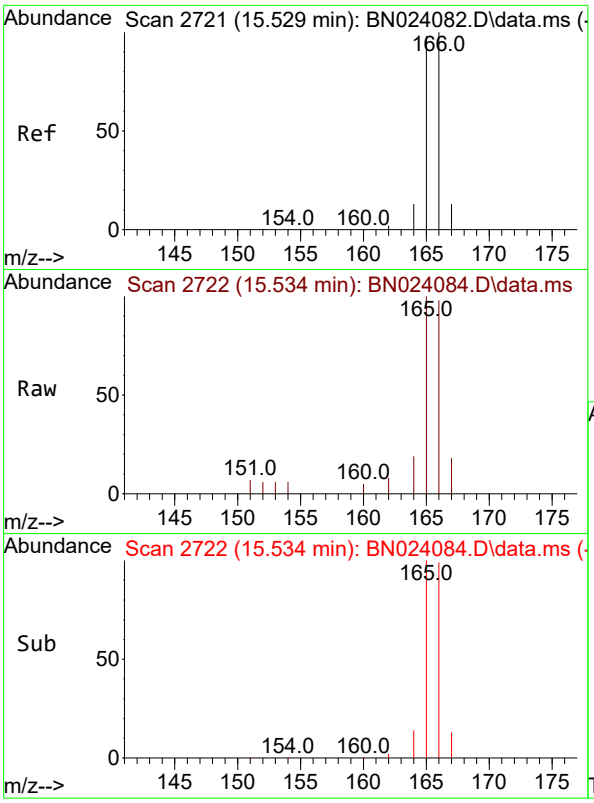


#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:153 Resp: 1344

Ion	Ratio	Lower	Upper
153	100		
152	55.1	39.6	59.4
154	85.2	68.8	103.2



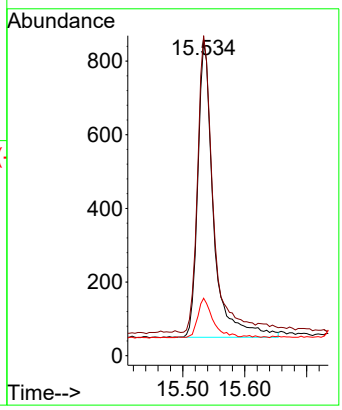


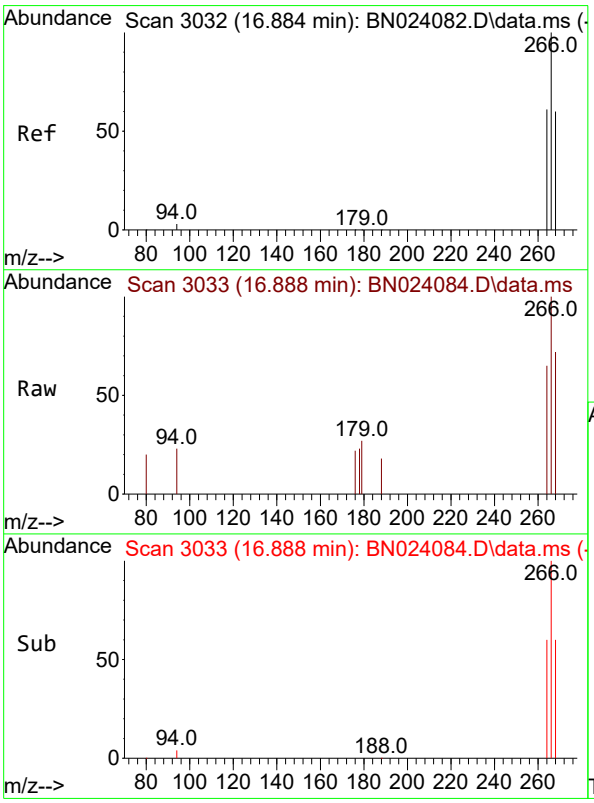
#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.534 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:166 Resp: 1418

Ion	Ratio	Lower	Upper
166	100		
165	102.1	77.4	116.2
167	18.3	11.4	17.0#

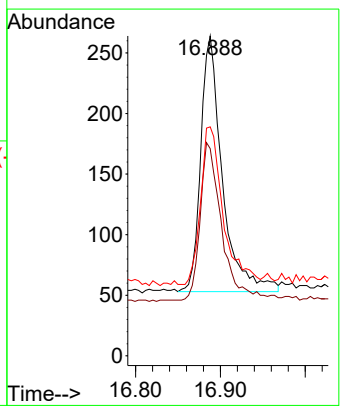


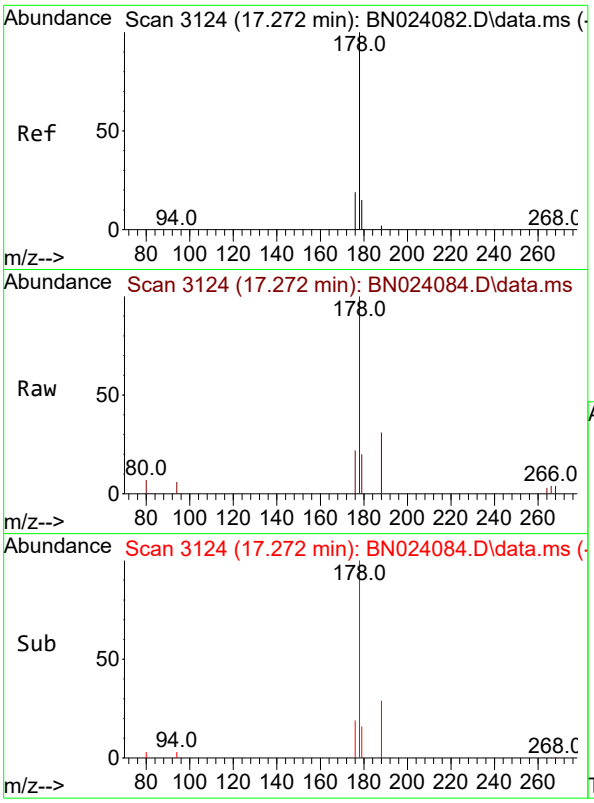


#14
Pentachlorophenol
Concen: 0.092 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:266 Resp: 374

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.4	74.0
268	64.2	52.0	78.0



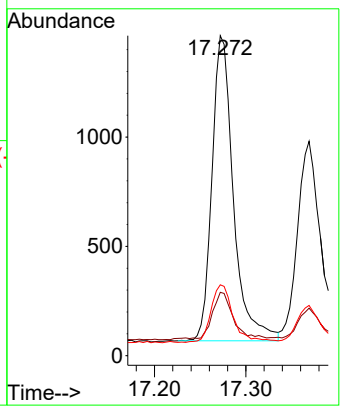


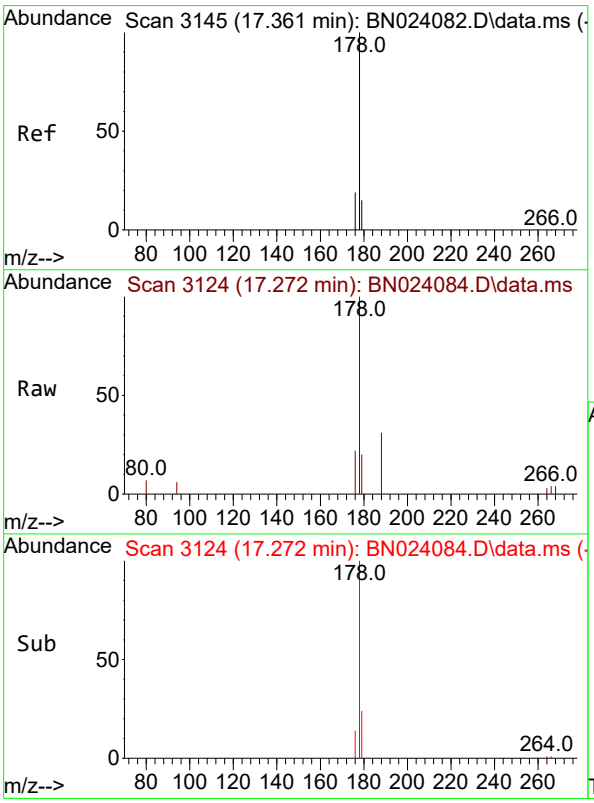
#15
Phenanthrene
Concen: 0.062 ng/ul
RT: 17.272 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:178 Resp: 2275

Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.6	19.0#
176	22.1	15.7	23.5

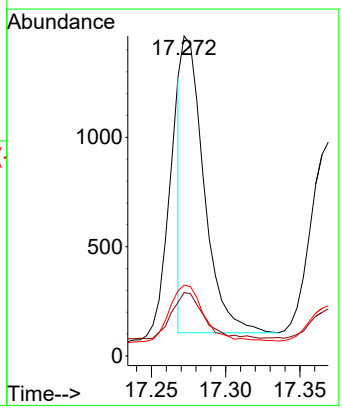


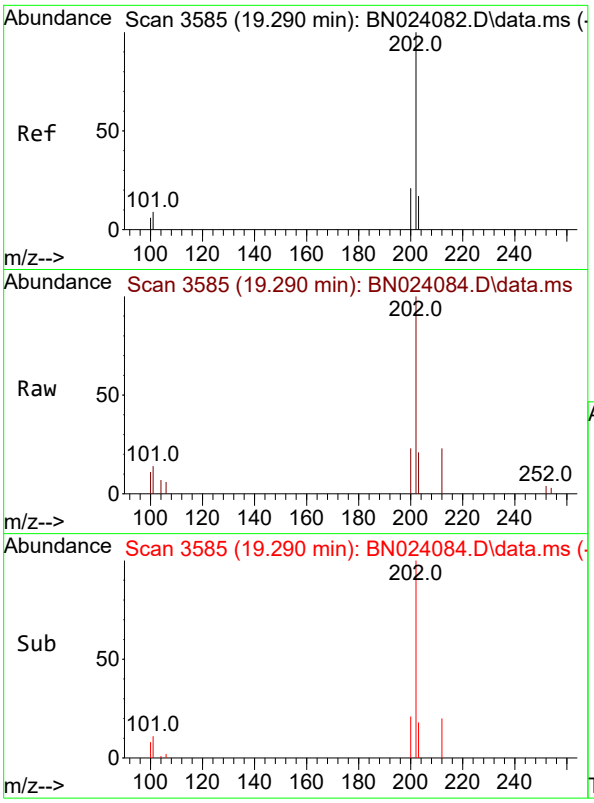


#16
Anthracene
Concen: 0.046 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. -0.097 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:178 Resp: 1417

Ion	Ratio	Lower	Upper
178	100		
179	19.8	13.4	20.0
176	22.1	15.4	23.2



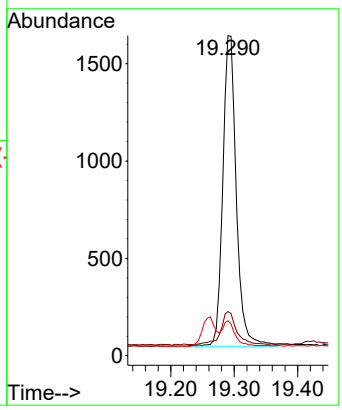


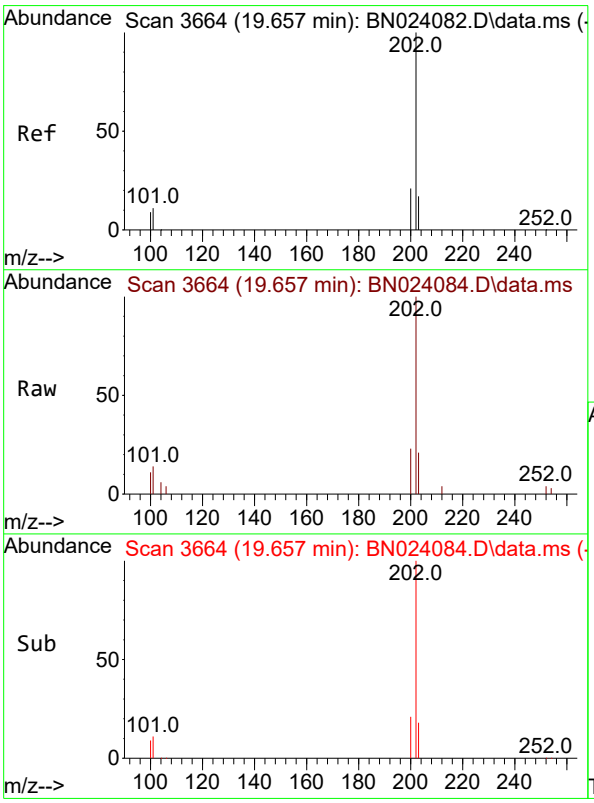
#19
Fluoranthene
Concen: 0.084 ng/ul
RT: 19.290 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:202 Resp: 2356

Ion	Ratio	Lower	Upper
202	100		
101	13.8	6.8	10.2#
100	10.9	5.2	7.8#

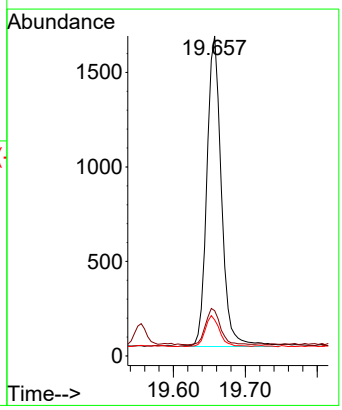


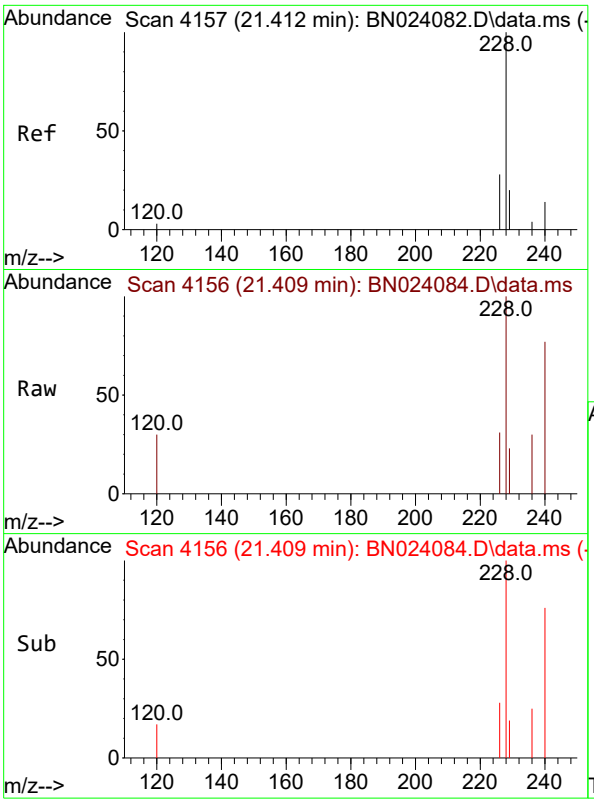


#20
Pyrene
Concen: 0.080 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:202 Resp: 2303

Ion	Ratio	Lower	Upper
202	100		
101	14.1	8.1	12.1#
100	11.2	6.2	9.4#



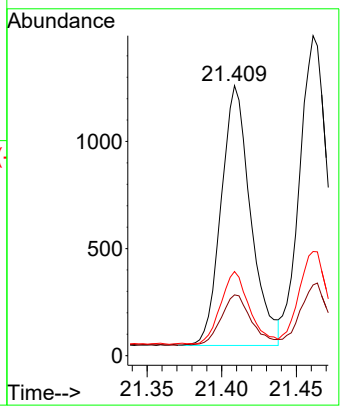


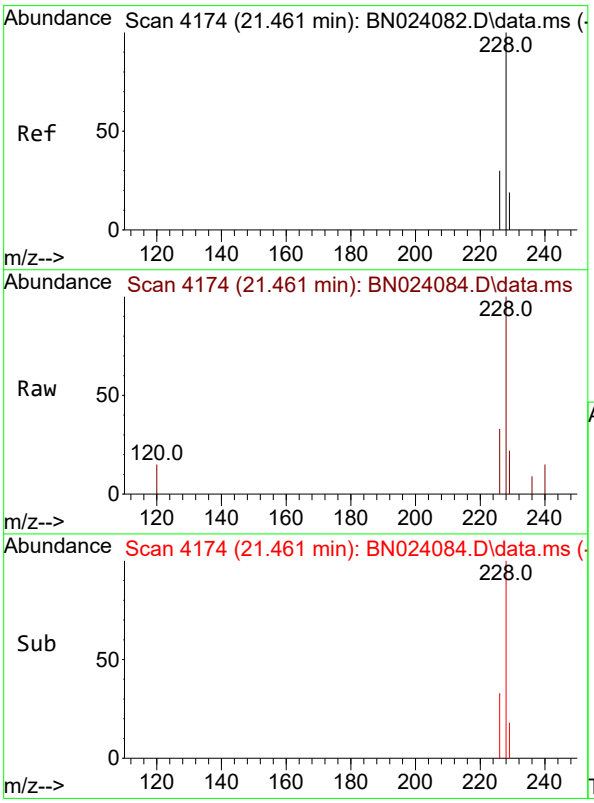
#21
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.409 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:228 Resp: 1670

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.8
226	31.2	22.0	33.0

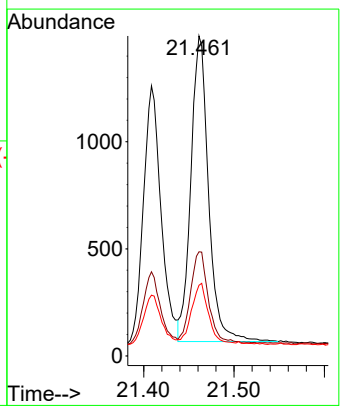


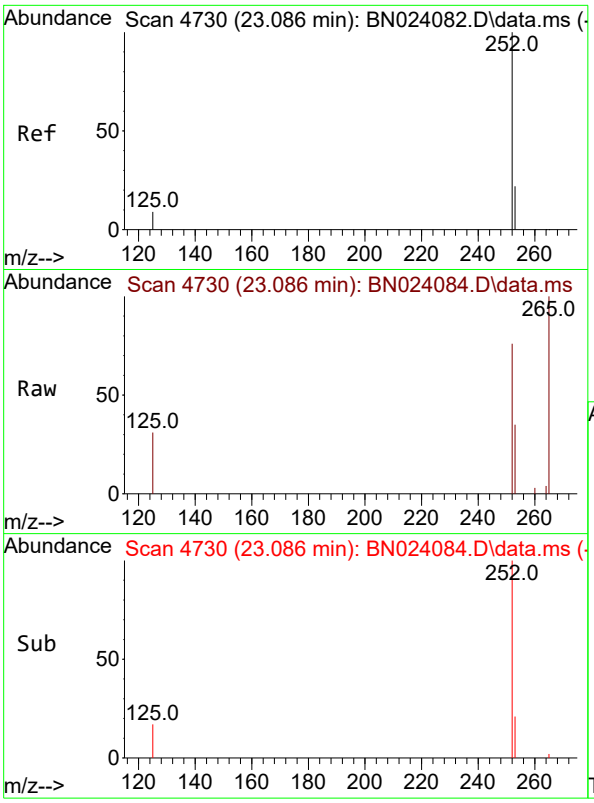


#22
Chrysene
Concen: 0.064 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:228 Resp: 1936

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.2	36.2
229	22.1	15.5	23.3



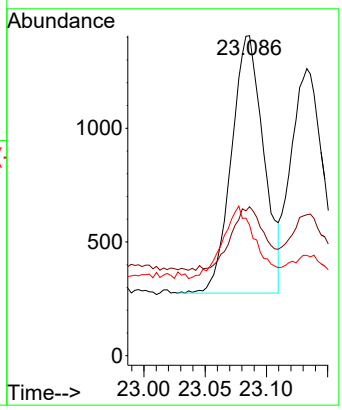


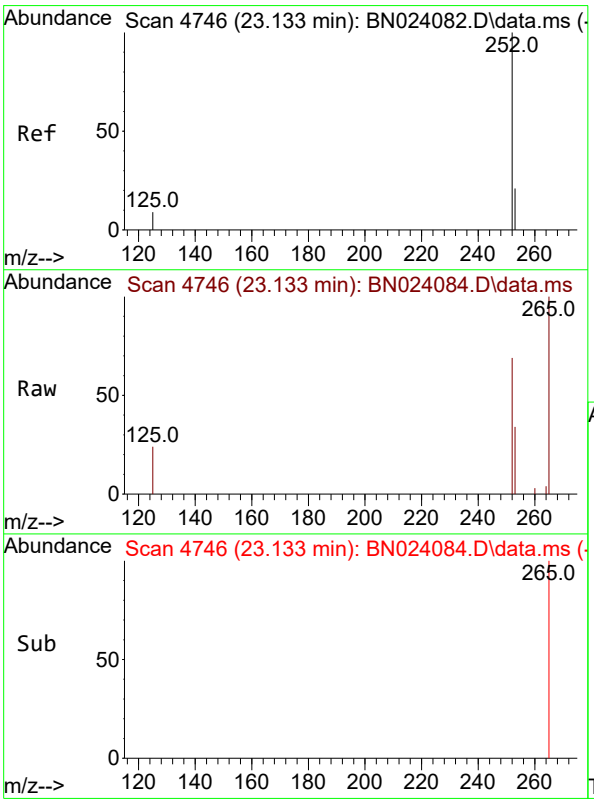
#24
Benzo(b)fluoranthene
Concen: 0.071 ng/ul
RT: 23.086 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:252 Resp: 2068

Ion	Ratio	Lower	Upper
252	100		
253	46.6	0.0	51.8
125	40.8	0.0	23.6#

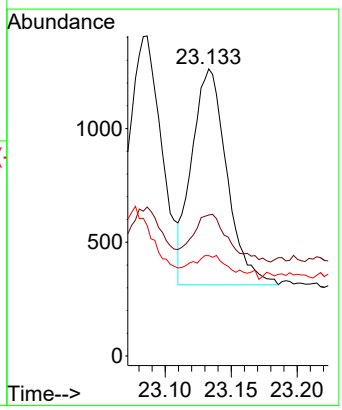


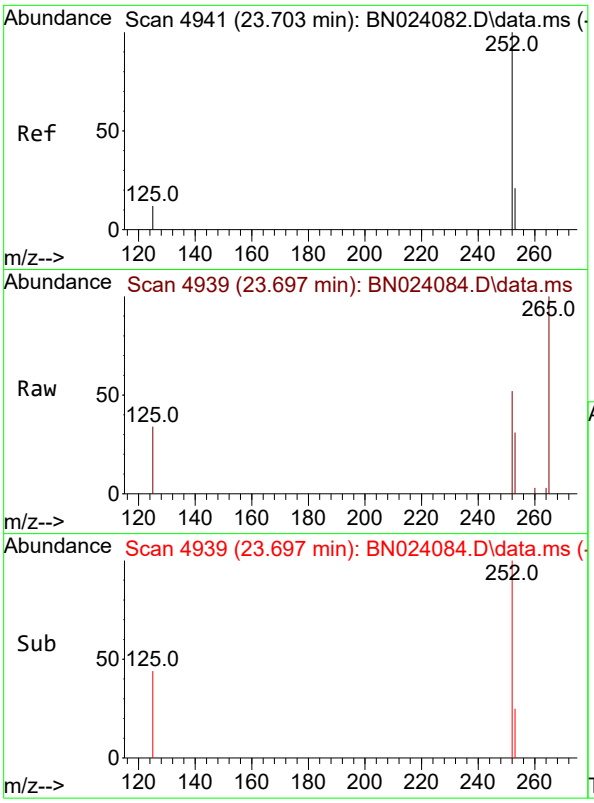


#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.006 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:252 Resp: 1761

Ion	Ratio	Lower	Upper
252	100		
253	49.1	20.2	30.2#
125	34.9	9.0	13.4#



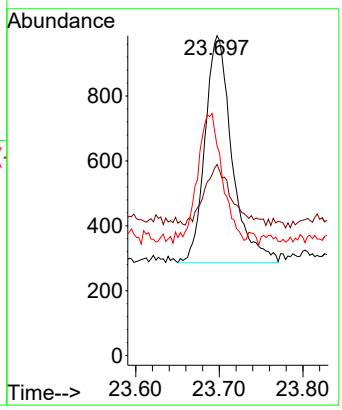


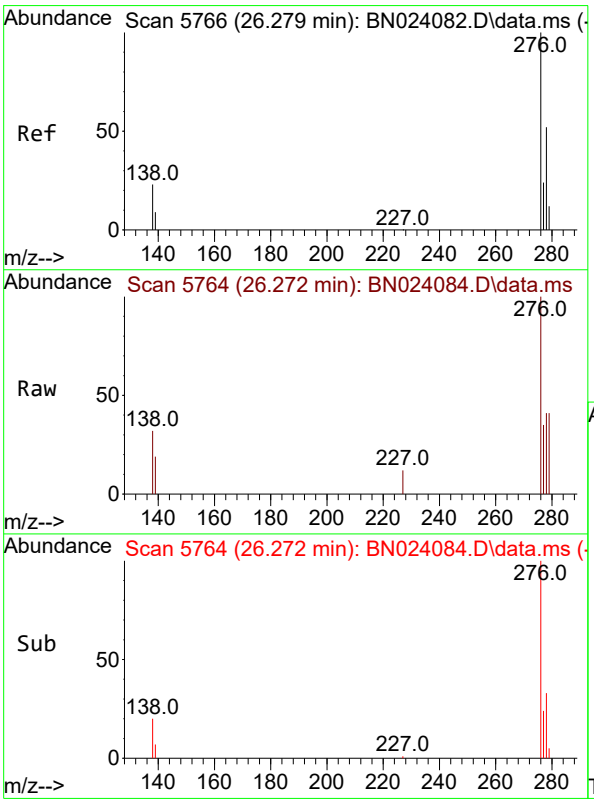
#26
Benzo(a)pyrene
Concen: 0.065 ng/ul
RT: 23.697 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:252 Resp: 1572

Ion	Ratio	Lower	Upper
252	100		
253	59.7	21.5	32.3#
125	65.5	11.2	16.8#

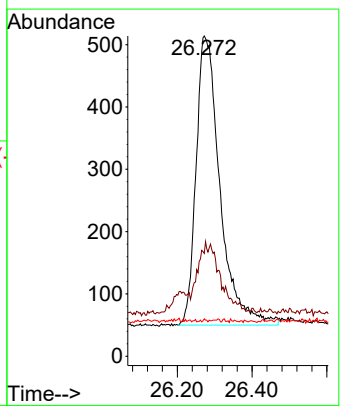


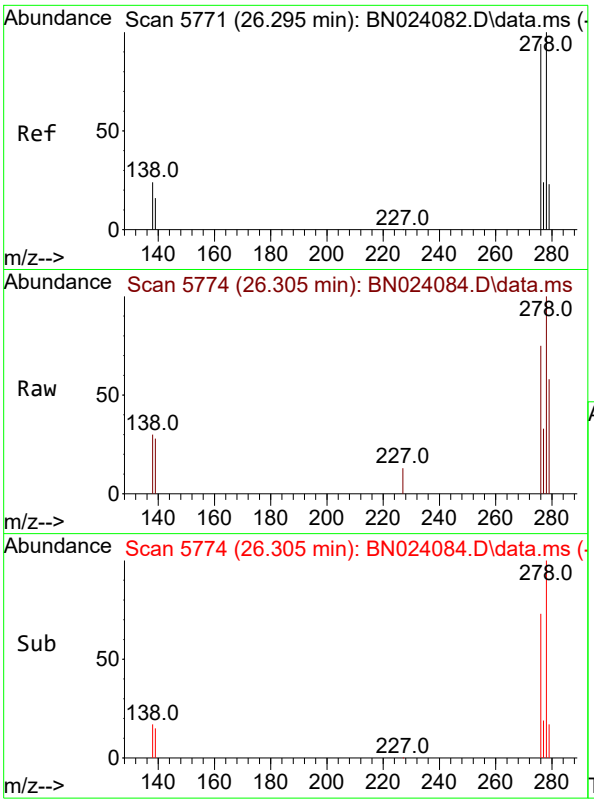


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 26.272 min Scan# 5764
Delta R.T. -0.020 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:276 Resp: 2061

Ion	Ratio	Lower	Upper
276	100		
138	24.0	17.0	25.6
227	0.1	0.2	0.4#



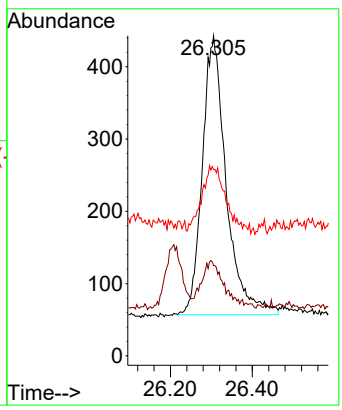


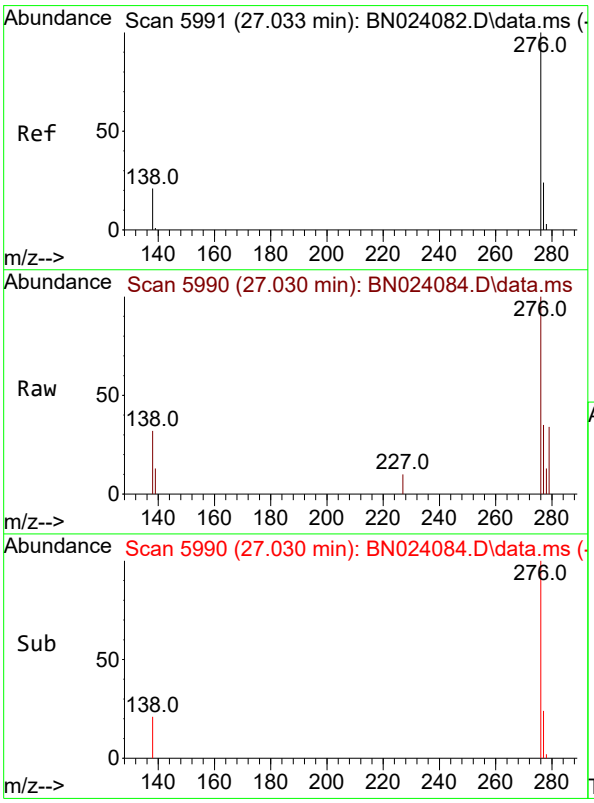
#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.305 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:278 Resp: 1561

Ion	Ratio	Lower	Upper
278	100		
139	28.2	12.3	18.5#
279	58.2	21.4	32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 27.030 min Scan# 5990
Delta R.T. -0.017 min
Lab File: BN024084.D
Acq: 22 Feb 2023 10:57

Tgt Ion:276 Resp: 1828

Ion	Ratio	Lower	Upper
276	100		
138	32.2	15.3	22.9#
277	35.2	19.9	29.9#