

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
 Data File : BN023529.D
 Acq On : 30 Dec 2022 12:10
 Operator : CG/JU
 Sample : N5388-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Quant Time: Dec 30 21:55:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 21:52:41 2022
 Response via : Initial Calibration

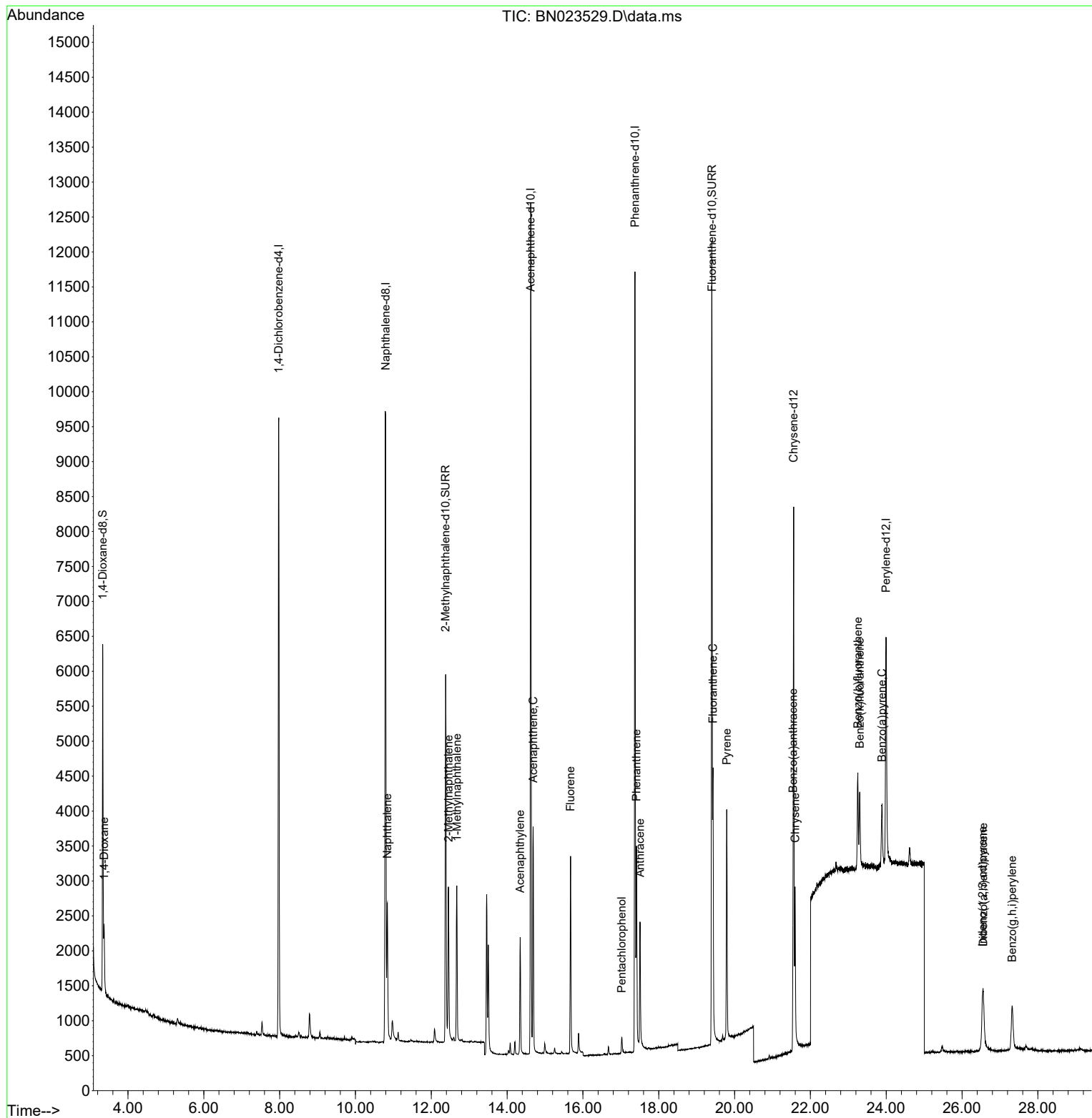
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4507	0.400	ng/ul	0.00
4) Naphthalene-d8	10.793	136	13066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	6695	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	13384	0.400	ng/ul	0.00
17) Chrysene-d12	21.557	240	6968	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	5038	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	3146	0.642	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.377	152	7352	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.402	212	13349	0.530	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	747	0.149	ng/ul#	85
5) Naphthalene	10.843	128	2643	0.069	ng/ul#	93
7) 2-Methylnaphthalene	12.454	142	1602	0.065	ng/ul	100
8) 1-Methylnaphthalene	12.674	142	1601	0.063	ng/ul	100
10) Acenaphthylene	14.345	152	1985	0.067	ng/ul#	93
11) Acenaphthene	14.687	153	1807	0.072	ng/ul	99
12) Fluorene	15.672	166	1887	0.067	ng/ul#	97
14) Pentachlorophenol	17.023	266	197	0.053	ng/ul	97
15) Phenanthrene	17.411	178	2981	0.068	ng/ul	93
16) Anthracene	17.504	178	2209	0.061	ng/ul#	89
19) Fluoranthene	19.430	202	3061	0.091	ng/ul#	94
20) Pyrene	19.792	202	3035	0.089	ng/ul#	92
21) Benzo(a)anthracene	21.543	228	1765	0.065	ng/ul	95
22) Chrysene	21.595	228	2017	0.073	ng/ul	96
24) Benzo(b)fluoranthene	23.250	252	1778	0.068	ng/ul#	38
25) Benzo(k)fluoranthene	23.302	252	1534	0.063	ng/ul#	37
26) Benzo(a)pyrene	23.887	252	1415	0.069	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	26.543	276	1601	0.066	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.560	278	1108	0.059	ng/ul#	41
29) Benzo(g,h,i)perylene	27.322	276	1577	0.080	ng/ul#	75

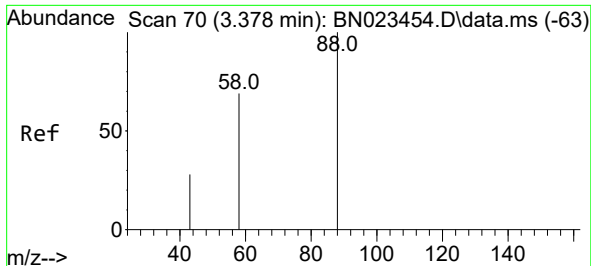
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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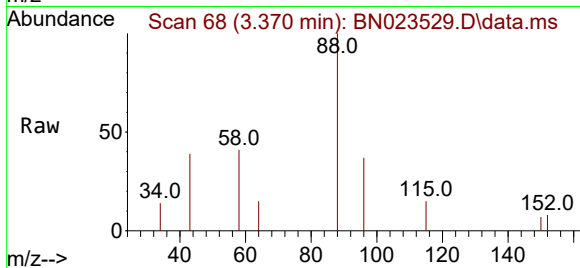
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 21:52:41 2022
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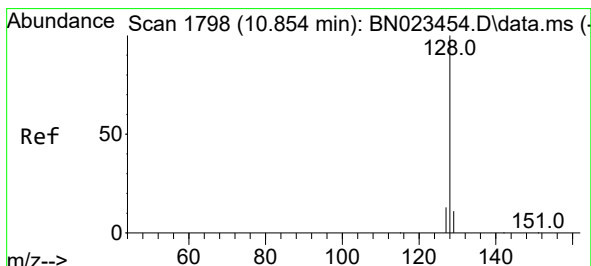
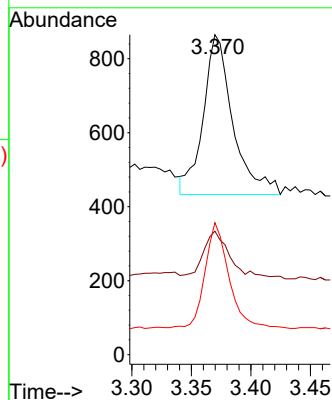
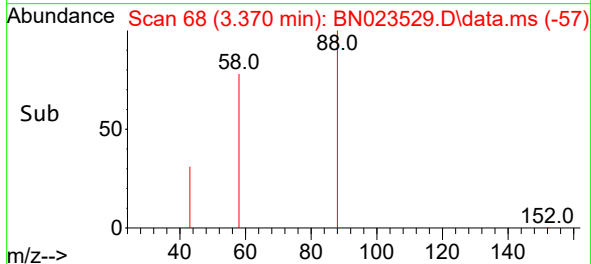


#2
1,4-Dioxane
Concen: 0.149 ng/ul
RT: 3.370 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

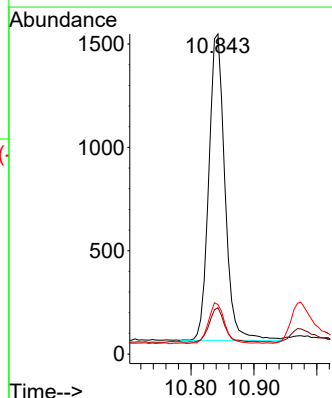
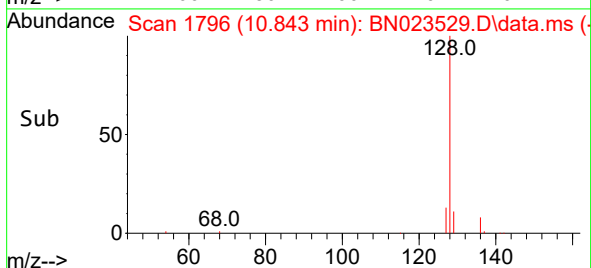
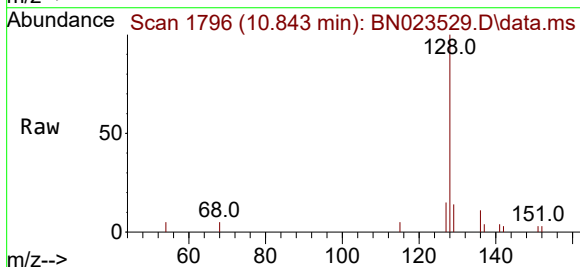


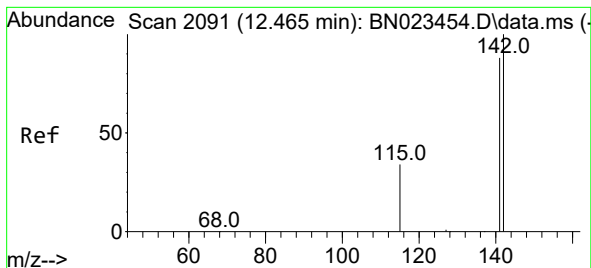
Tgt Ion: 88 Resp: 747
Ion Ratio Lower Upper
88 100
43 38.6 28.4 42.6
58 41.3 45.6 68.4#



#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.843 min Scan# 1796
Delta R.T. 0.006 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Tgt Ion: 128 Resp: 2643
Ion Ratio Lower Upper
128 100
129 14.5 9.0 13.4#
127 15.5 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.065 ng/ul

RT: 12.454 min Scan# 2091

Delta R.T. 0.006 min

Lab File: BN023529.D

Acq: 30 Dec 2022 12:10

Instrument :

BNA_N

ClientSampleId :

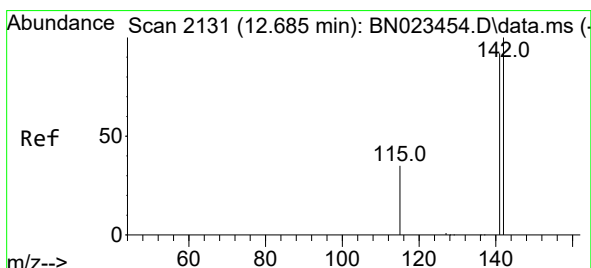
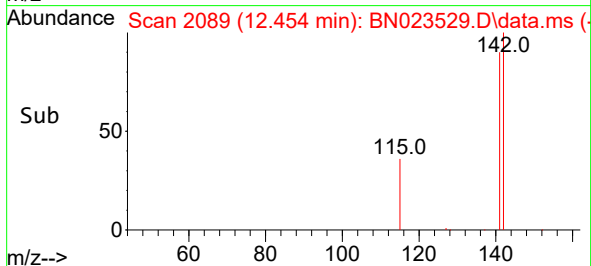
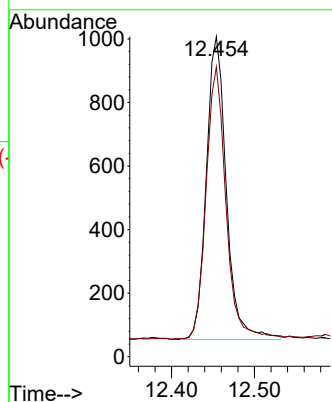
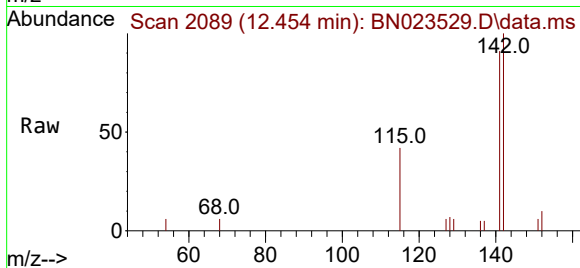
MDL-WATER-QT4-2022-07

Tgt Ion:142 Resp: 1602

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.2



#8

1-Methylnaphthalene

Concen: 0.063 ng/ul

RT: 12.674 min Scan# 2129

Delta R.T. 0.006 min

Lab File: BN023529.D

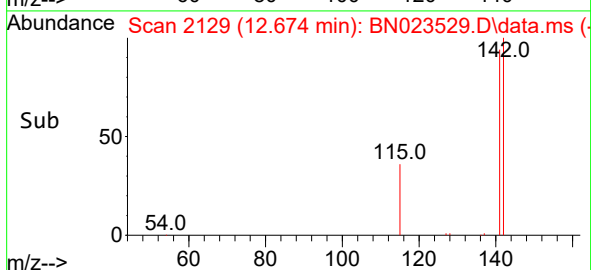
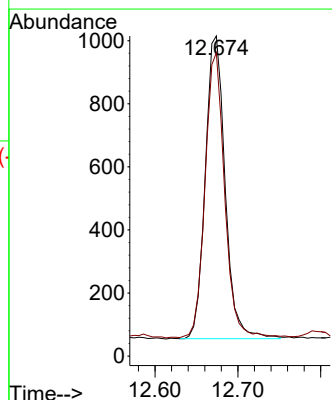
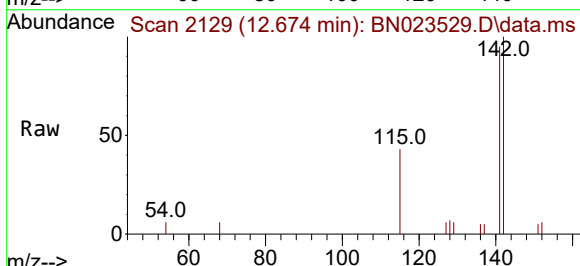
Acq: 30 Dec 2022 12:10

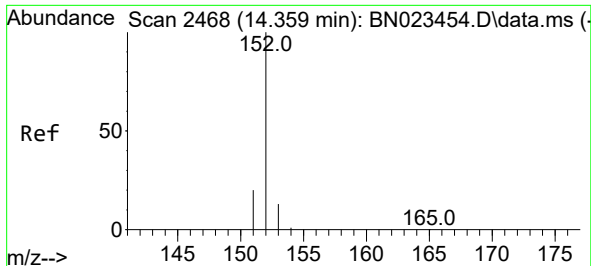
Tgt Ion:142 Resp: 1601

Ion Ratio Lower Upper

142 100

141 92.7 74.0 111.0

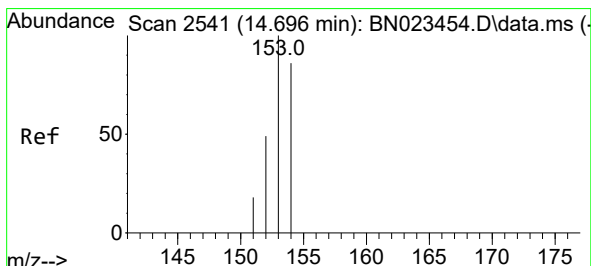
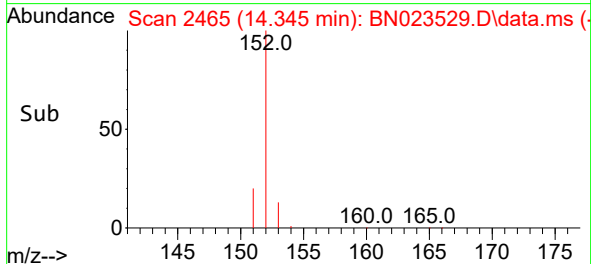
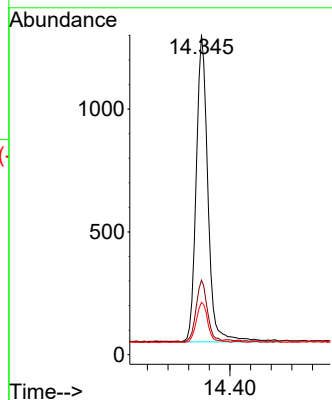
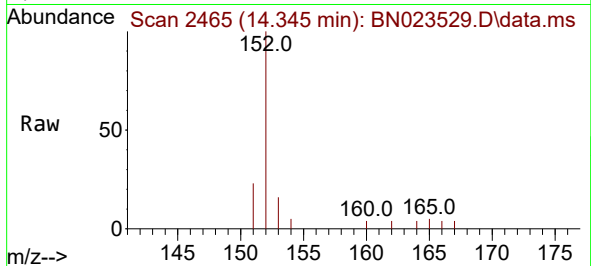




#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.345 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

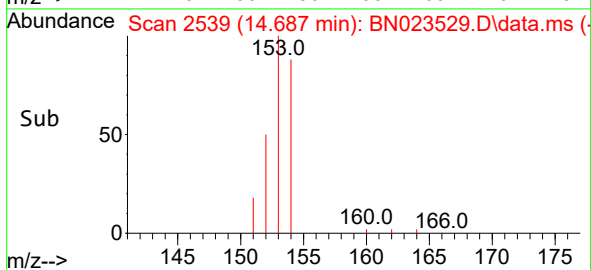
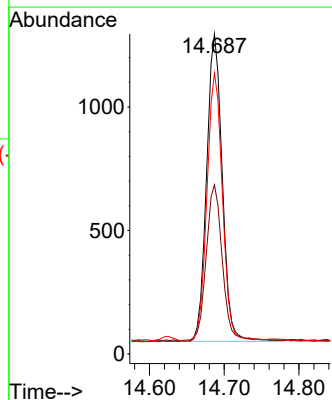
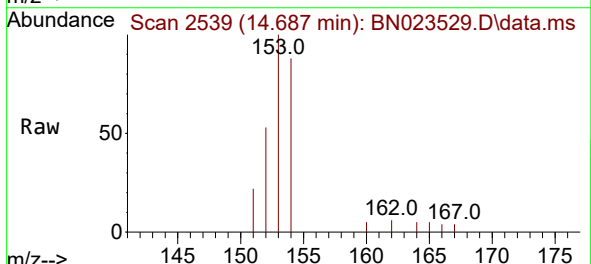
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

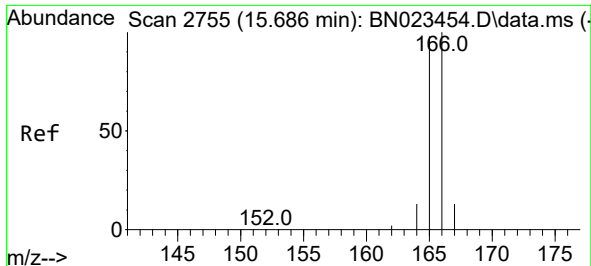
Tgt Ion:152 Resp: 1985
Ion Ratio Lower Upper
152 100
151 23.3 16.1 24.1
153 16.3 10.9 16.3#



#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.687 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Tgt Ion:153 Resp: 1807
Ion Ratio Lower Upper
153 100
152 52.9 41.0 61.4
154 87.8 69.5 104.3

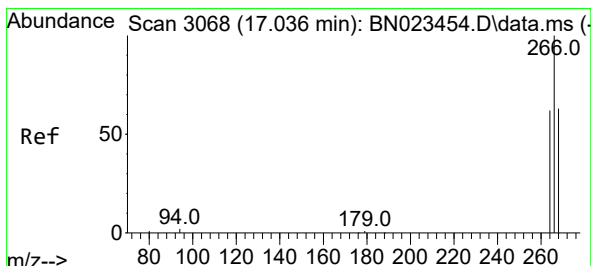
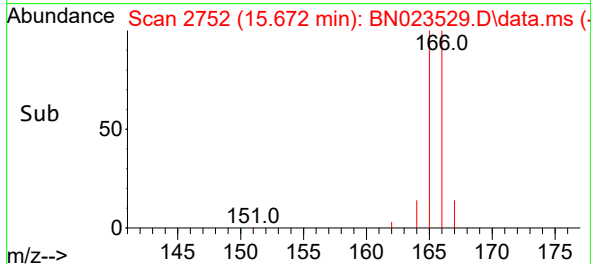
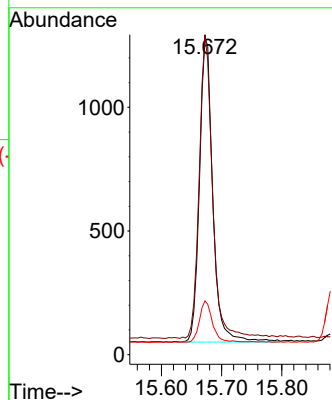
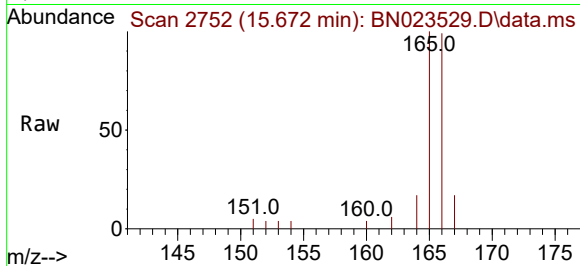




#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

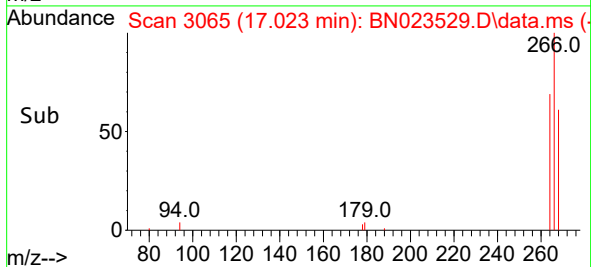
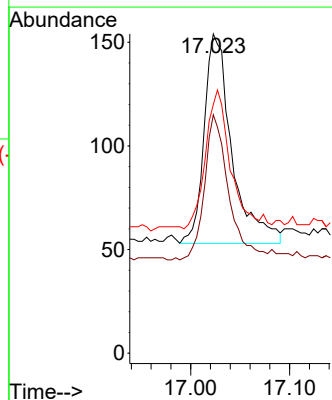
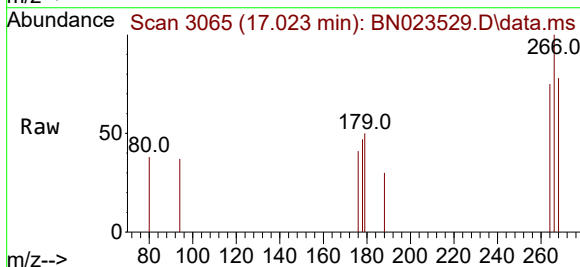
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

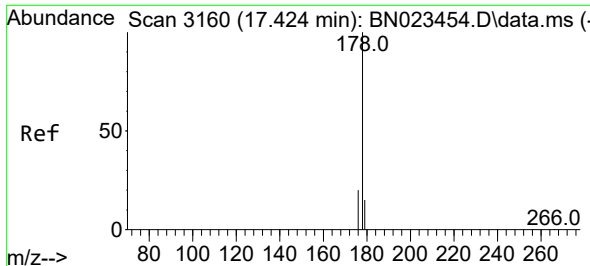
Tgt Ion:166 Resp: 1887
Ion Ratio Lower Upper
166 100
165 101.1 79.1 118.7
167 17.0 11.0 16.4#



#14
Pentachlorophenol
Concen: 0.053 ng/ul
RT: 17.023 min Scan# 3065
Delta R.T. 0.000 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Tgt Ion:266 Resp: 197
Ion Ratio Lower Upper
266 100
264 63.5 49.8 74.6
268 60.4 51.4 77.0

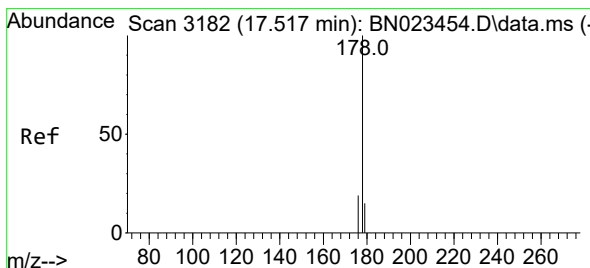
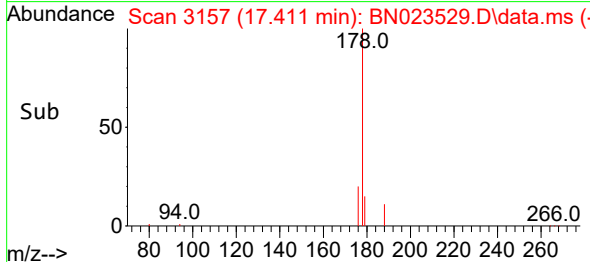
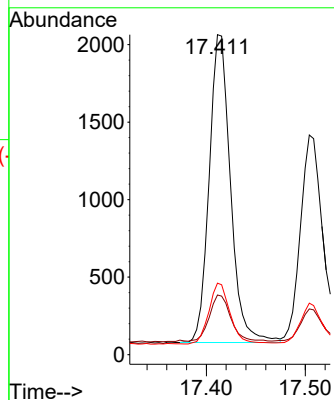
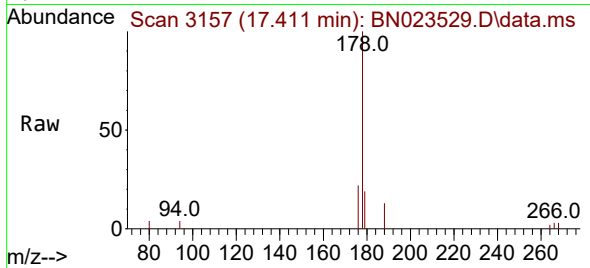




#15
Phenanthrene
Concen: 0.068 ng/ul
RT: 17.411 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

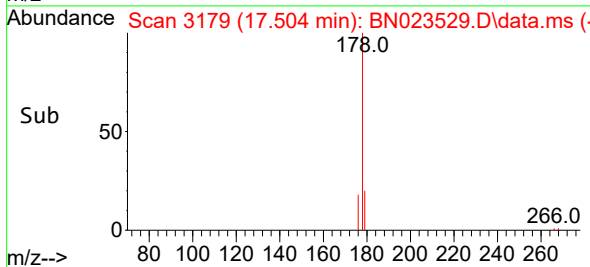
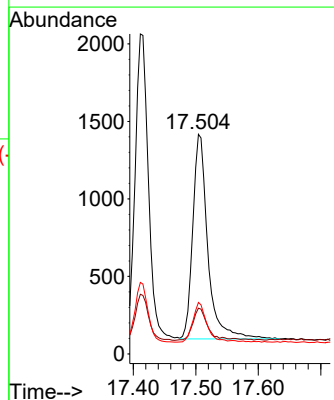
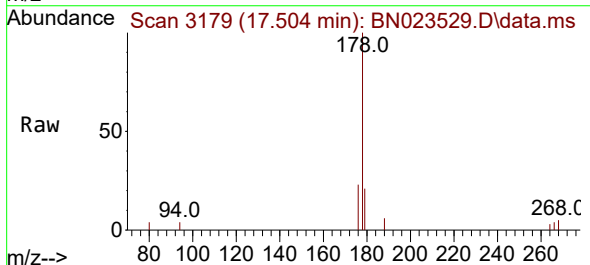
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ClientSampleId :
MDL-WATER-QT4-2022-07

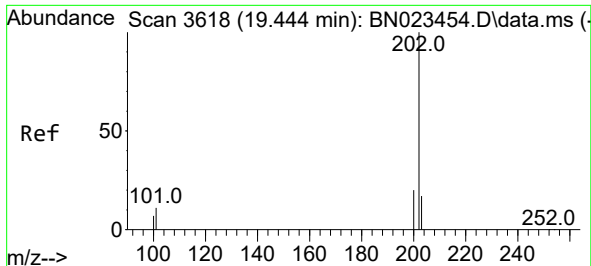
Tgt Ion:178 Resp: 2981
Ion Ratio Lower Upper
178 100
179 18.7 12.5 18.7
176 22.3 15.7 23.5



#16
Anthracene
Concen: 0.061 ng/ul
RT: 17.504 min Scan# 3179
Delta R.T. 0.000 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Tgt Ion:178 Resp: 2209
Ion Ratio Lower Upper
178 100
179 20.8 12.6 18.8#
176 23.4 15.4 23.0#

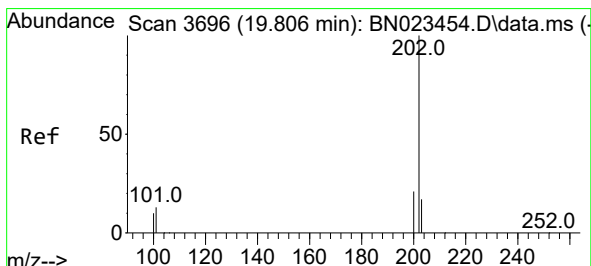
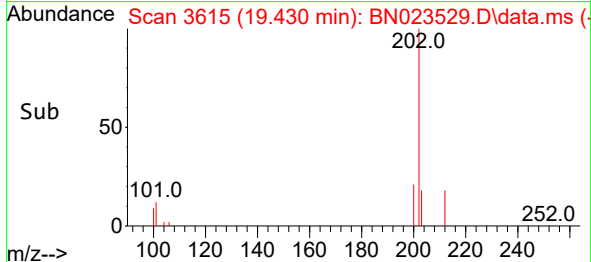
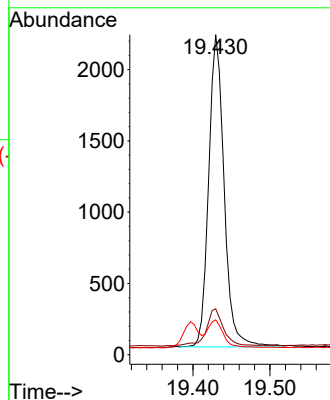
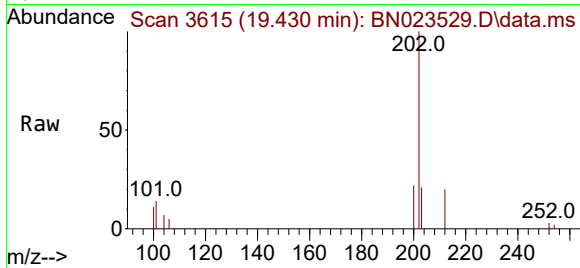




#19
Fluoranthene
Concen: 0.091 ng/ul
RT: 19.430 min Scan# 3061
Delta R.T. 0.000 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

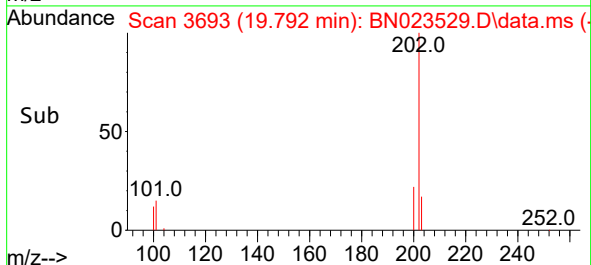
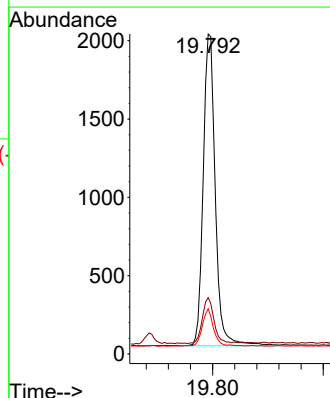
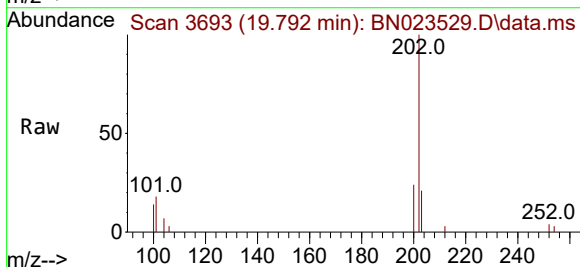
Instrument :
BNA_N
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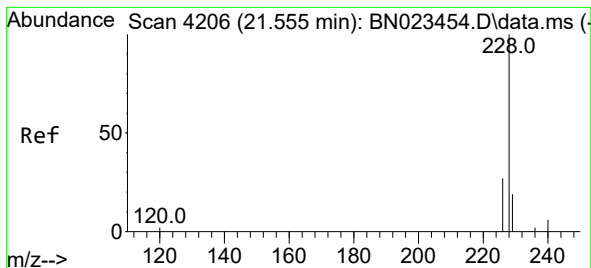
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.4	14.2#
100	10.9	7.0	10.6#



#20
Pyrene
Concen: 0.089 ng/ul
RT: 19.792 min Scan# 3693
Delta R.T. 0.000 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.3	16.9#
100	14.1	9.0	13.4#





#21

Benzo(a)anthracene

Concen: 0.065 ng/ul

RT: 21.543 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN023529.D

Acq: 30 Dec 2022 12:10

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT4-2022-07

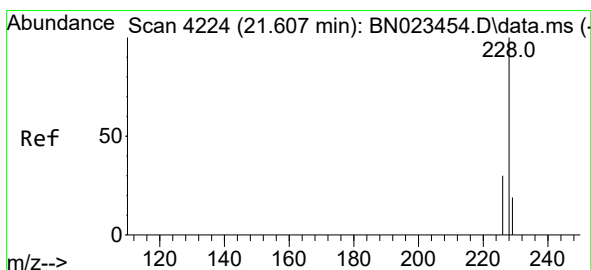
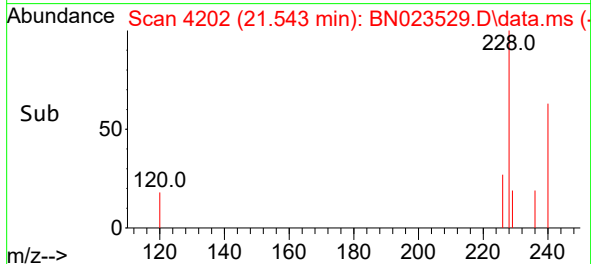
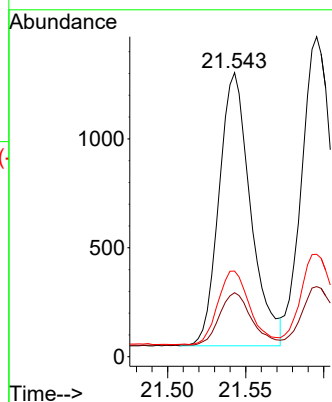
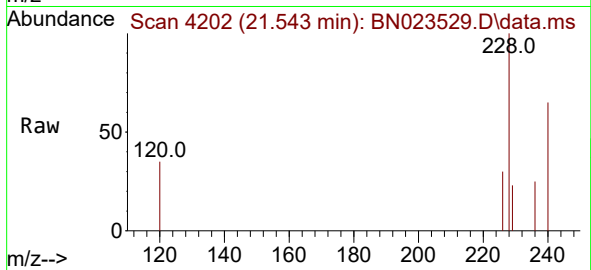
Tgt Ion:228 Resp: 1765

Ion Ratio Lower Upper

228 100

229 22.5 15.6 23.4

226 30.1 22.2 33.2



#22

Chrysene

Concen: 0.073 ng/ul

RT: 21.595 min Scan# 4220

Delta R.T. 0.003 min

Lab File: BN023529.D

Acq: 30 Dec 2022 12:10

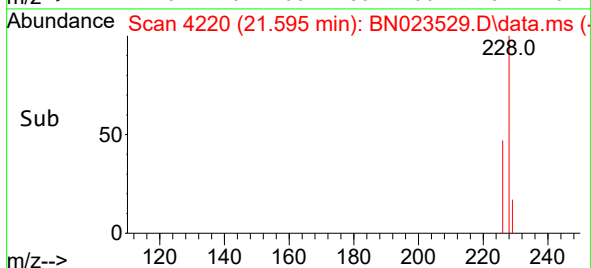
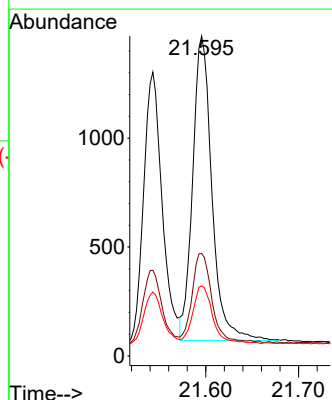
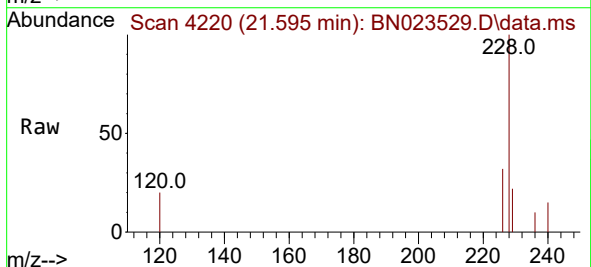
Tgt Ion:228 Resp: 2017

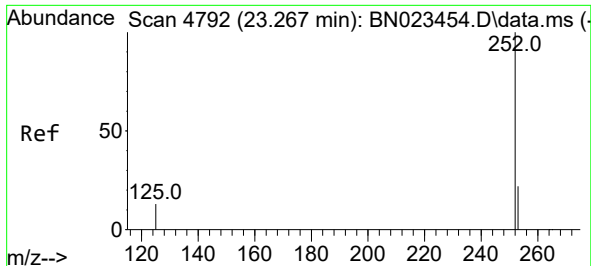
Ion Ratio Lower Upper

228 100

226 32.0 24.3 36.5

229 21.9 15.8 23.6

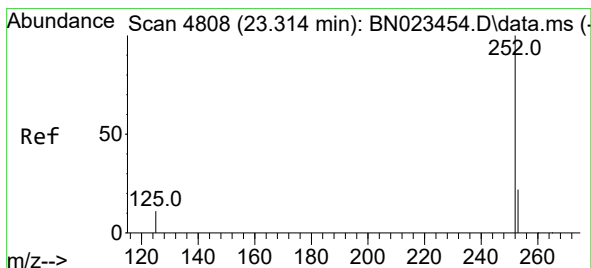
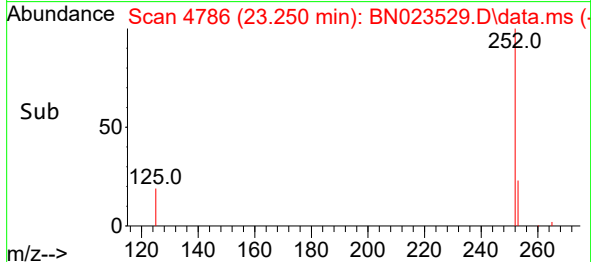
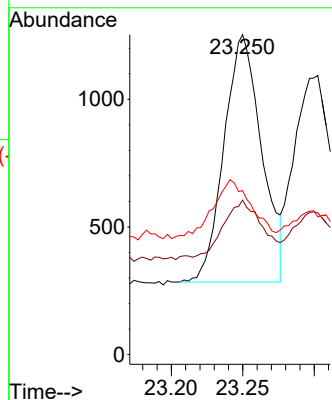
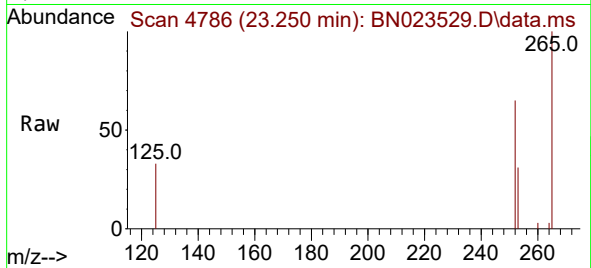




#24
Benzo(b)fluoranthene
Concen: 0.068 ng/ul
RT: 23.250 min Scan# 4792
Delta R.T. 0.006 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

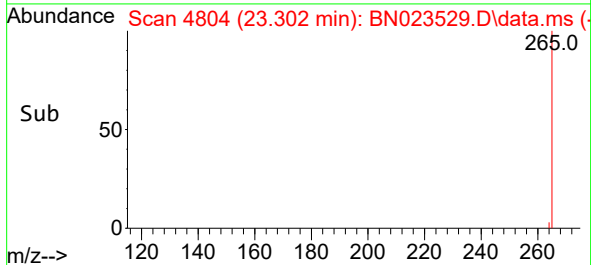
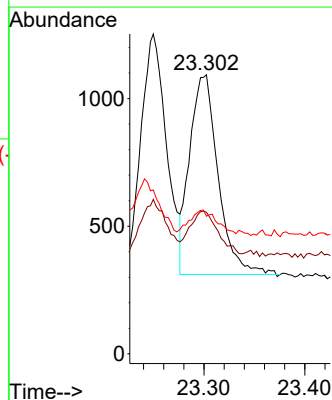
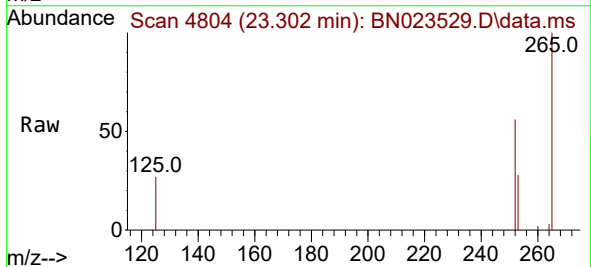
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

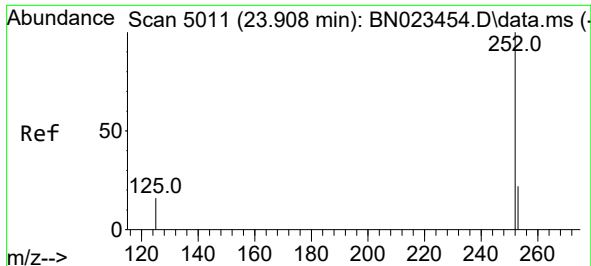
Tgt Ion:252 Resp: 1778
Ion Ratio Lower Upper
252 100
253 48.3 0.0 49.2
125 51.2 0.0 31.8#



#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul
RT: 23.302 min Scan# 4804
Delta R.T. 0.009 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Tgt Ion:252 Resp: 1534
Ion Ratio Lower Upper
252 100
253 50.8 19.8 29.6#
125 49.3 12.6 18.8#

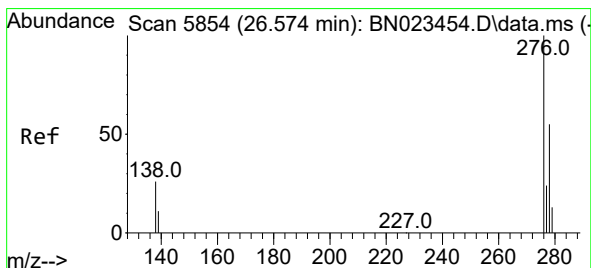
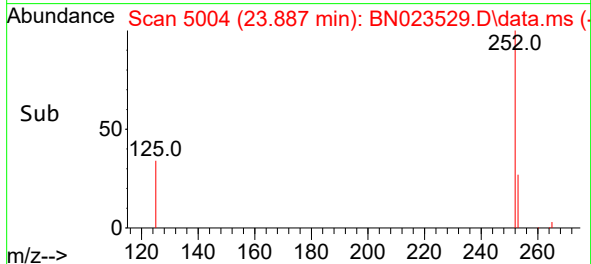
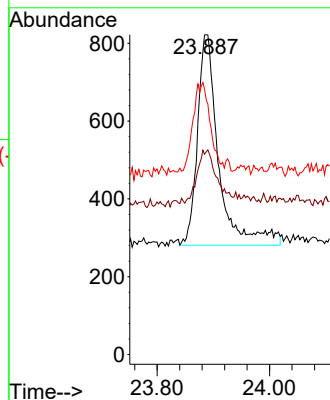
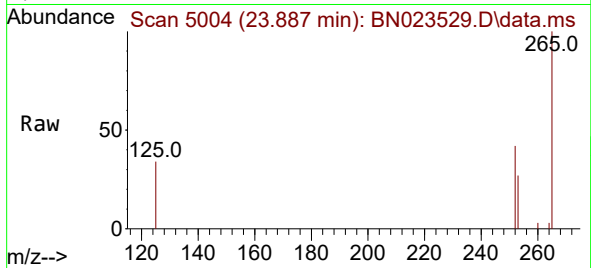




#26
Benzo(a)pyrene
Concen: 0.069 ng/ul
RT: 23.887 min Scan# 5011
Delta R.T. 0.006 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

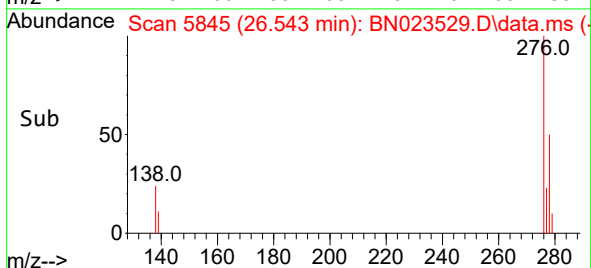
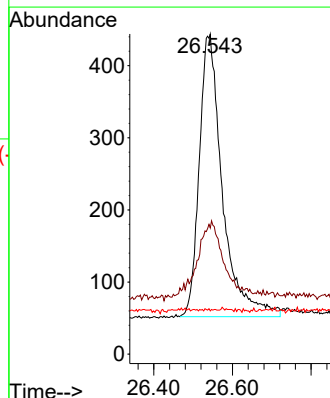
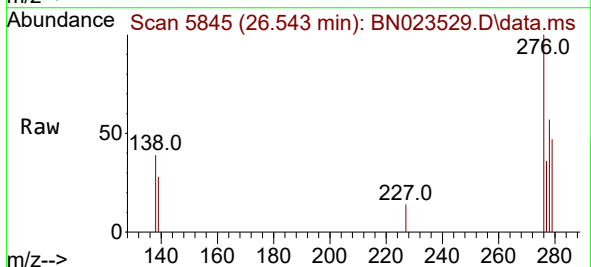
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

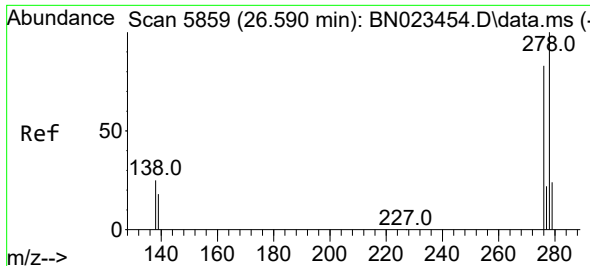
Tgt Ion:252 Resp: 1415
Ion Ratio Lower Upper
252 100
253 63.4 21.4 32.2#
125 79.6 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 26.543 min Scan# 5845
Delta R.T. 0.010 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Tgt Ion:276 Resp: 1601
Ion Ratio Lower Upper
276 100
138 32.5 23.4 35.2
227 0.4 0.0 0.0#

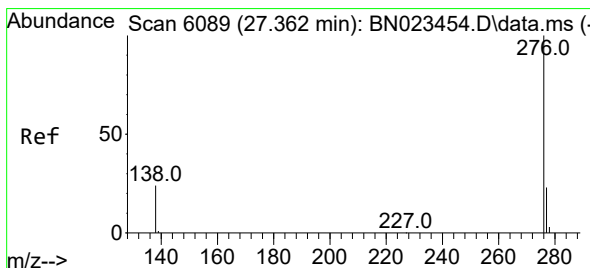
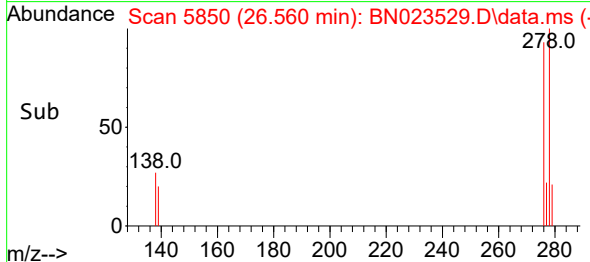
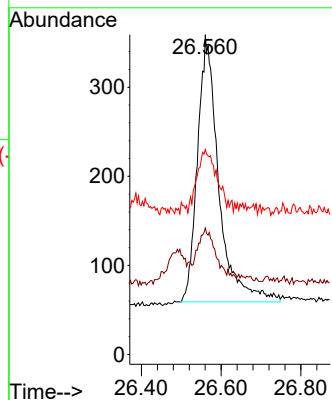
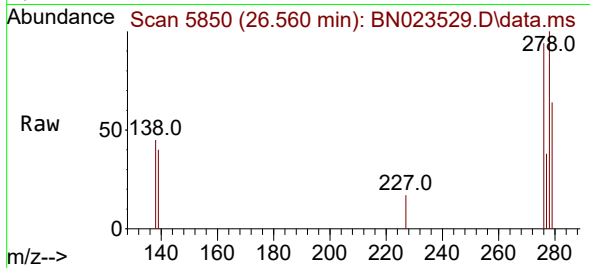




#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 26.560 min Scan# 5850
Delta R.T. 0.003 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion:278 Resp: 1108
Ion Ratio Lower Upper
278 100
139 39.6 16.6 24.8#
279 64.1 21.3 31.9#



#29
Benzo(g,h,i)perylene
Concen: 0.080 ng/ul
RT: 27.322 min Scan# 6077
Delta R.T. 0.007 min
Lab File: BN023529.D
Acq: 30 Dec 2022 12:10

Tgt Ion:276 Resp: 1577
Ion Ratio Lower Upper
276 100
138 39.7 20.3 30.5#
277 35.6 19.7 29.5#

