

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090922\
 Data File : BN021653.D
 Acq On : 09 Sep 2022 10:13
 Operator : CG/JU
 Sample : N3670-02
 Misc : SFAM-SIM-MDL-WATER02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Sep 09 10:57:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 14:04:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

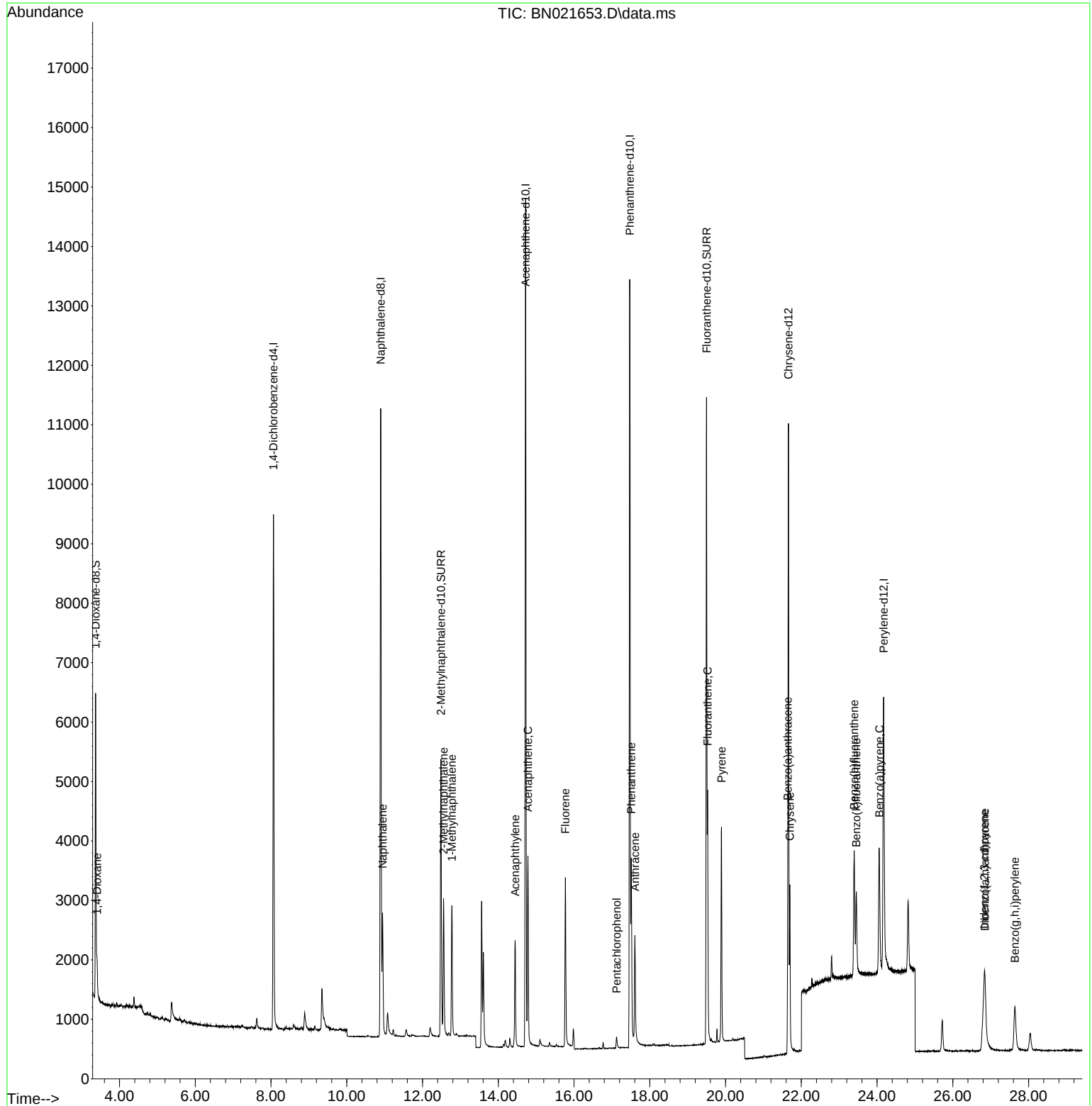
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	4693	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	15222	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.721	164	8389	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	16335	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.659	240	9796	0.400	ng/ul	# 0.00
23) Perylene-d12	24.173	264	7211	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	3524	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	6729	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	11966	0.328	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	389	0.066	ng/ul#	80
5) Naphthalene	10.944	128	2901	0.068	ng/ul	97
7) 2-Methylnaphthalene	12.555	142	1799	0.064	ng/ul	98
8) 1-Methylnaphthalene	12.775	142	1699	0.059	ng/ul	99
10) Acenaphthylene	14.444	152	2321	0.066	ng/ul	96
11) Acenaphthene	14.782	153	1915	0.064	ng/ul	98
12) Fluorene	15.772	166	2060	0.062	ng/ul	99
14) Pentachlorophenol	17.122	266	177	0.056	ng/ul	97
15) Phenanthrene	17.510	178	3314	0.064	ng/ul	96
16) Anthracene	17.608	178	2568	0.060	ng/ul#	94
19) Fluoranthene	19.525	202	3314	0.072	ng/ul#	92
20) Pyrene	19.892	202	3316	0.074	ng/ul#	92
21) Benzo(a)anthracene	21.641	228	2084	0.064	ng/ul	95
22) Chrysene	21.697	228	2478	0.069	ng/ul	97
24) Benzo(b)fluoranthene	23.398	252	2595	0.074	ng/ul#	53
25) Benzo(k)fluoranthene	23.451	252	2114	0.062	ng/ul#	60
26) Benzo(a)pyrene	24.062	252	2260	0.085	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	26.831	276	2305	0.077	ng/ul#	71
28) Dibenzo(a,h)anthracene	26.847	278	1794	0.071	ng/ul#	73
29) Benzo(g,h,i)perylene	27.639	276	1911	0.070	ng/ul#	81

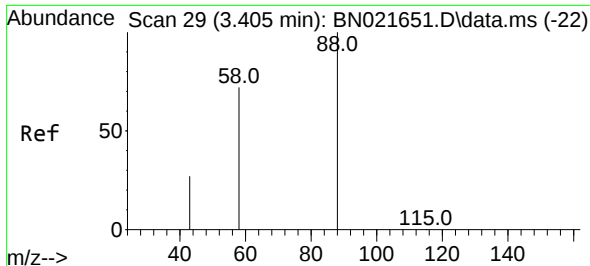
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 MDL-WATER-QT2-2022-04

Quant Time: Sep 09 10:57:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
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 QLast Update : Thu Sep 08 14:04:47 2022
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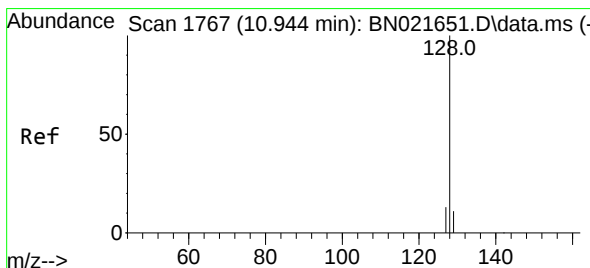
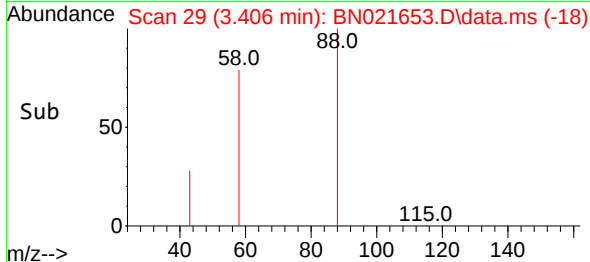
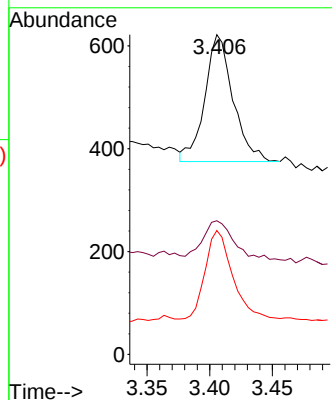
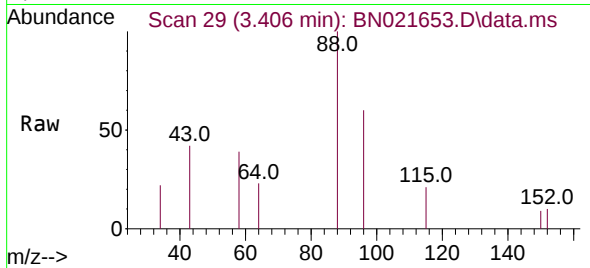




#2
1,4-Dioxane
Concen: 0.066 ng/ul
RT: 3.406 min Scan# 29
Delta R.T. -0.004 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

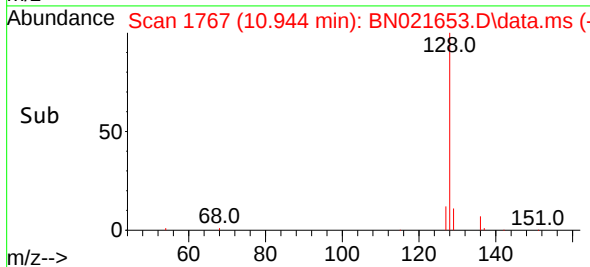
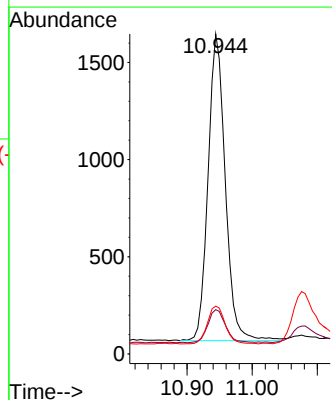
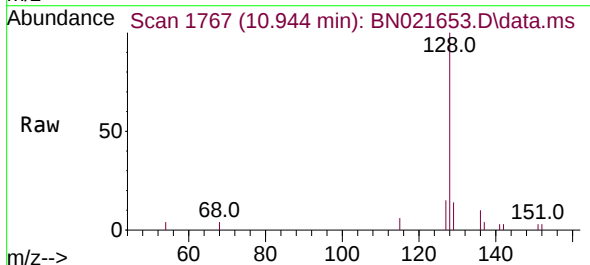
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2022-04

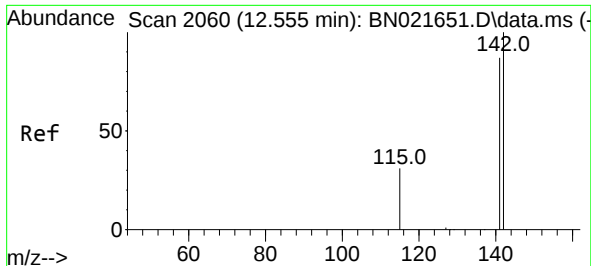
Tgt Ion: 88 Resp: 389
Ion Ratio Lower Upper
88 100
43 41.8 31.4 47.0
58 38.7 49.0 73.6#



#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.944 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

Tgt Ion: 128 Resp: 2901
Ion Ratio Lower Upper
128 100
129 13.8 9.8 14.6
127 14.9 11.6 17.4

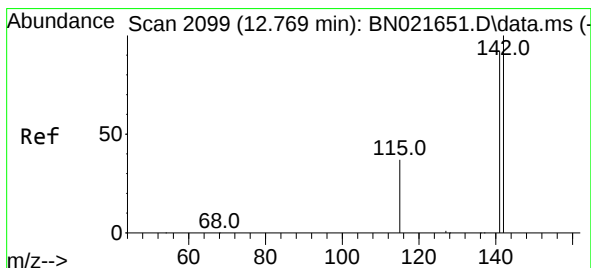
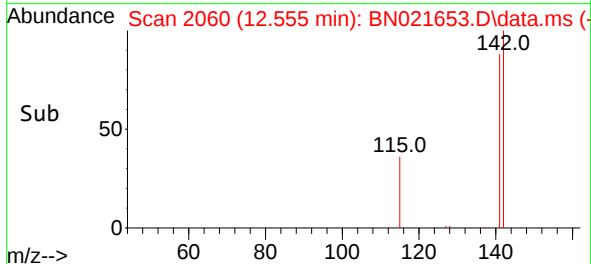
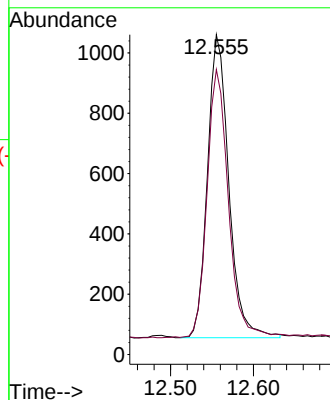
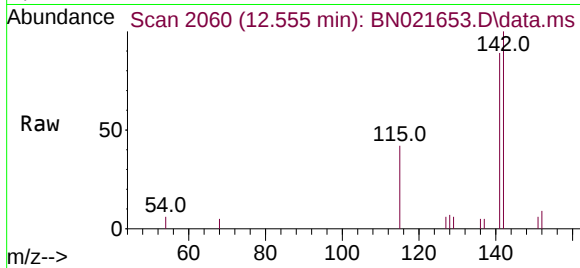




#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.555 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

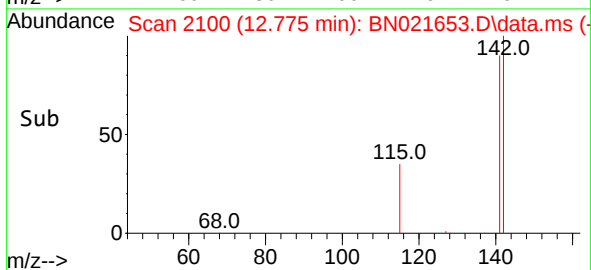
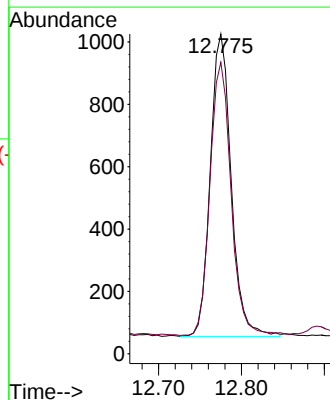
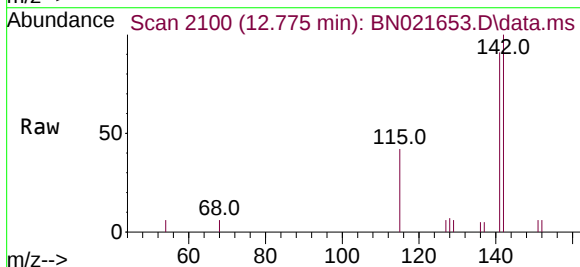
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2022-04

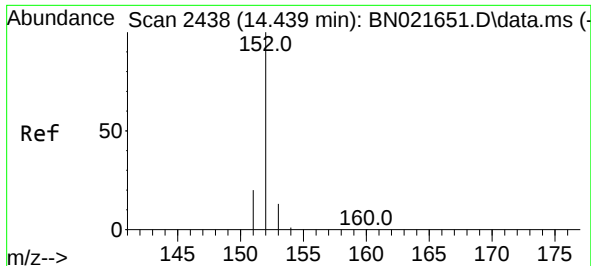
Tgt Ion:142 Resp: 1799
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

Tgt Ion:142 Resp: 1699
Ion Ratio Lower Upper
142 100
141 91.2 73.9 110.9

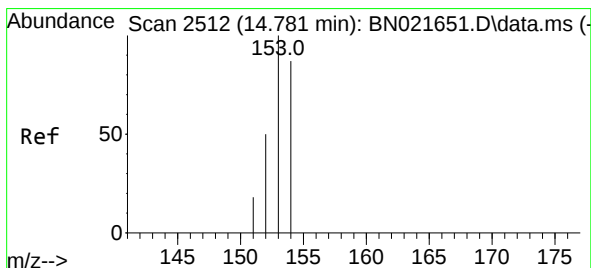
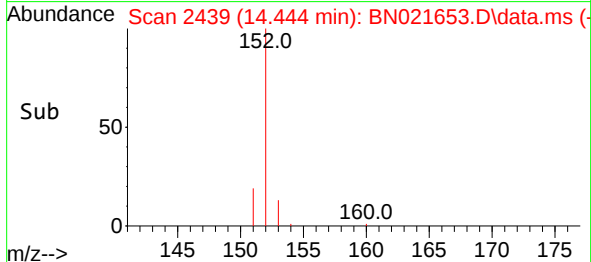
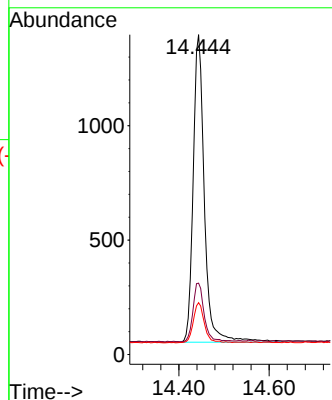
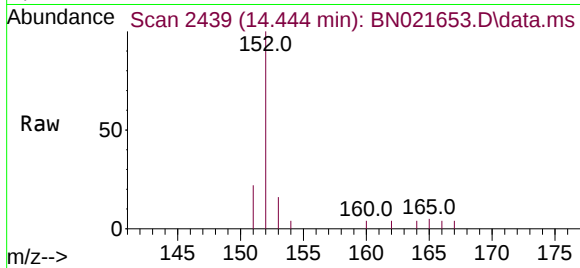




#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.444 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

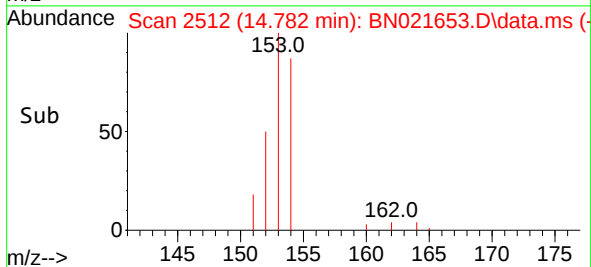
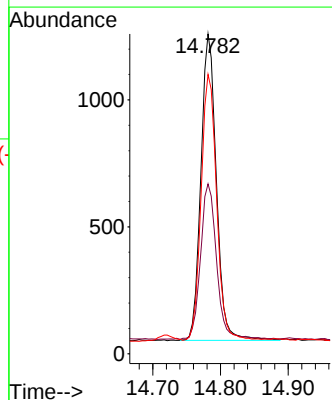
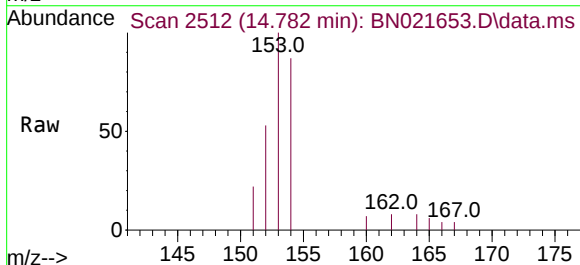
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2022-04

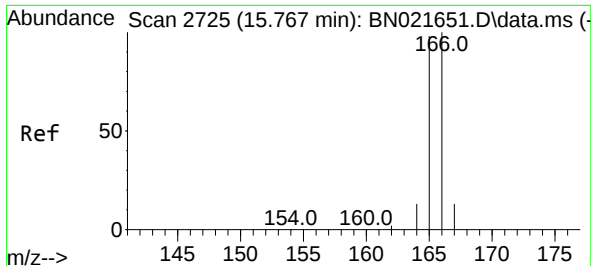
Tgt Ion:152 Resp: 2321
Ion Ratio Lower Upper
152 100
151 22.3 16.9 25.3
153 16.2 11.2 16.8



#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.782 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

Tgt Ion:153 Resp: 1915
Ion Ratio Lower Upper
153 100
152 53.1 40.2 60.4
154 87.3 70.7 106.1

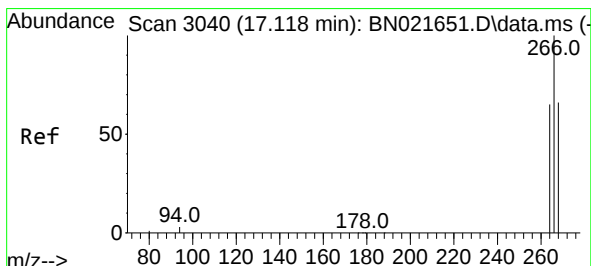
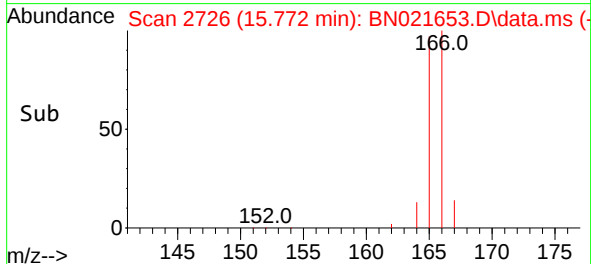
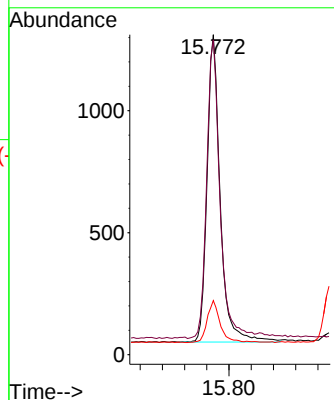
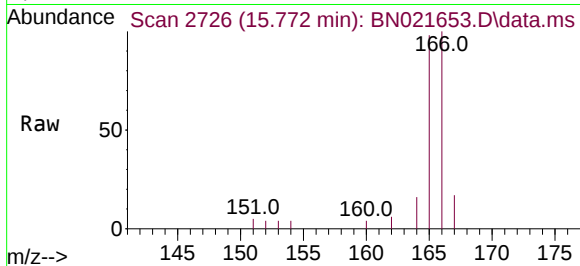




#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.772 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

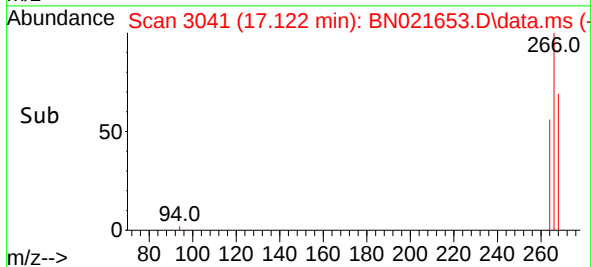
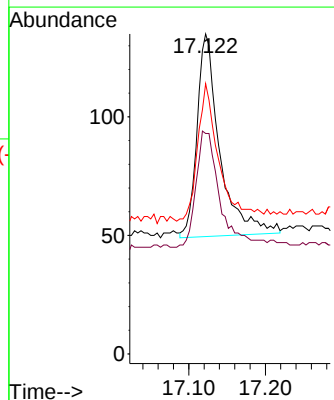
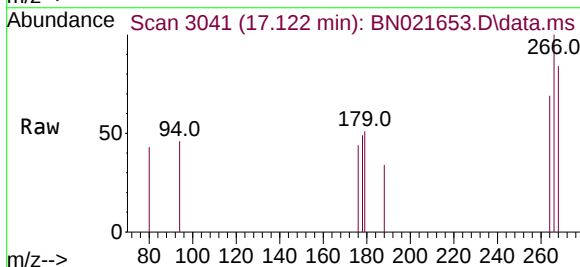
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2022-04

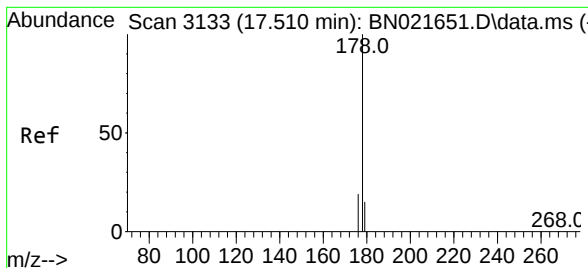
Tgt Ion:	166	Resp:	2060
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	16.9	11.8	17.6



#14
Pentachlorophenol
Concen: 0.056 ng/ul
RT: 17.122 min Scan# 3041
Delta R.T. 0.004 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

Tgt Ion:	266	Resp:	177
Ion	Ratio	Lower	Upper
266	100		
264	61.0	49.8	74.8
268	67.2	50.6	75.8





#15

Phenanthrene

Concen: 0.064 ng/ul

RT: 17.510 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BN021653.D

Acq: 09 Sep 2022 10:13

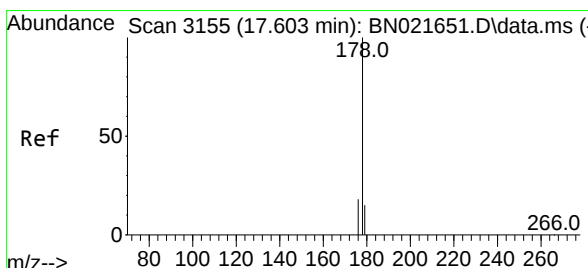
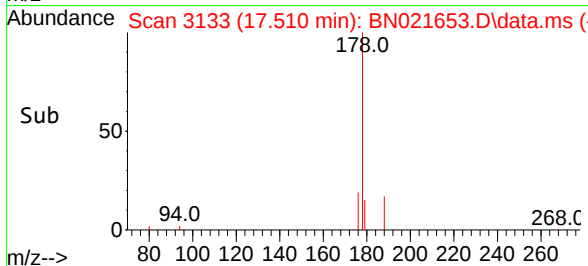
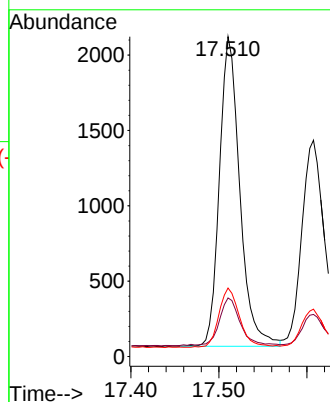
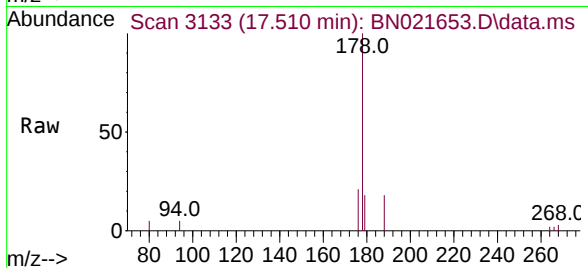
Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:178	Resp:	3314
Ion Ratio	Lower	Upper
178	100	
179	18.3	12.8 19.2
176	21.4	15.9 23.9



#16

Anthracene

Concen: 0.060 ng/ul

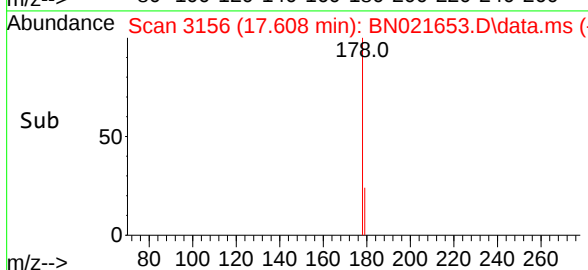
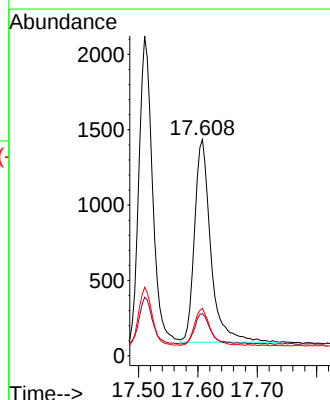
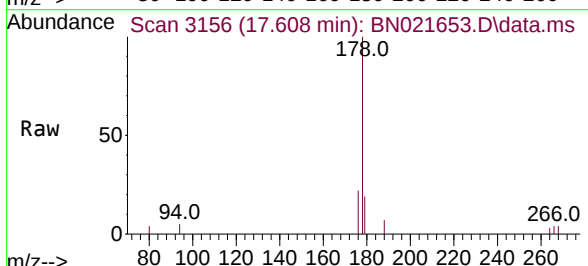
RT: 17.608 min Scan# 3156

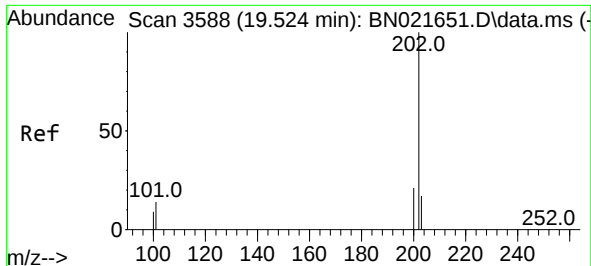
Delta R.T. 0.004 min

Lab File: BN021653.D

Acq: 09 Sep 2022 10:13

Tgt Ion:178	Resp:	2568
Ion Ratio	Lower	Upper
178	100	
179	19.4	12.9 19.3#
176	21.9	15.9 23.9





#19

Fluoranthene

Concen: 0.072 ng/ul

RT: 19.525 min Scan# 3588

Delta R.T. 0.000 min

Lab File: BN021653.D

Acq: 09 Sep 2022 10:13

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT2-2022-04

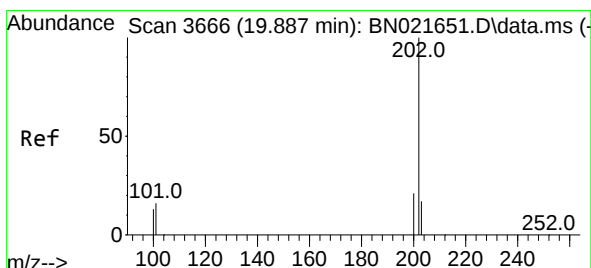
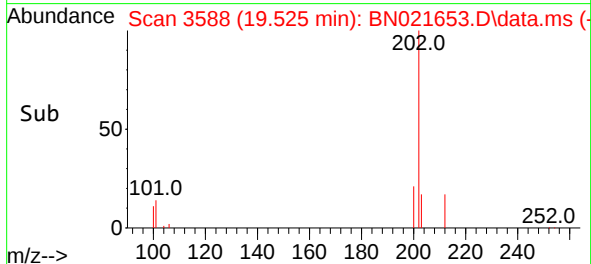
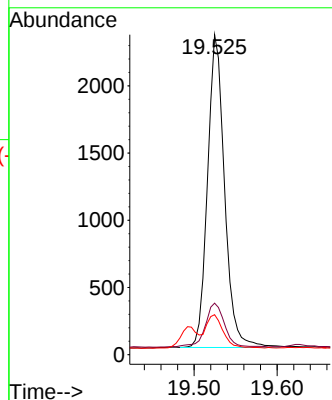
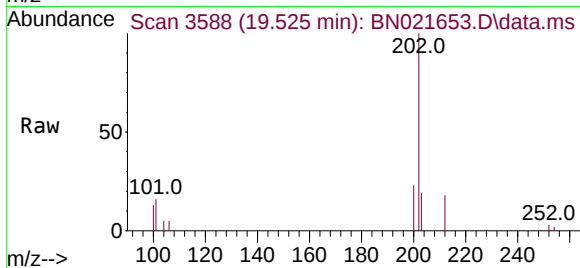
Tgt Ion:202 Resp: 3314

Ion Ratio Lower Upper

202 100

101 16.1 10.0 15.0#

100 12.5 8.0 12.0#



#20

Pyrene

Concen: 0.074 ng/ul

RT: 19.892 min Scan# 3667

Delta R.T. 0.000 min

Lab File: BN021653.D

Acq: 09 Sep 2022 10:13

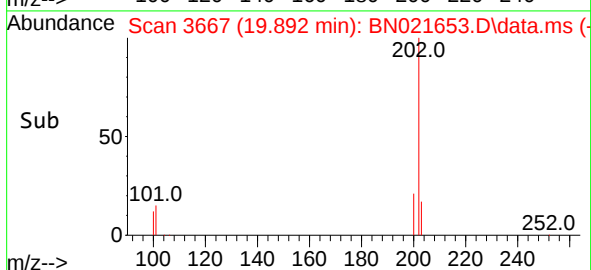
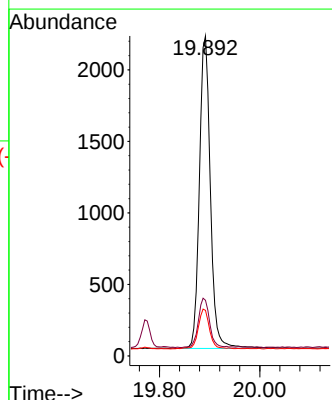
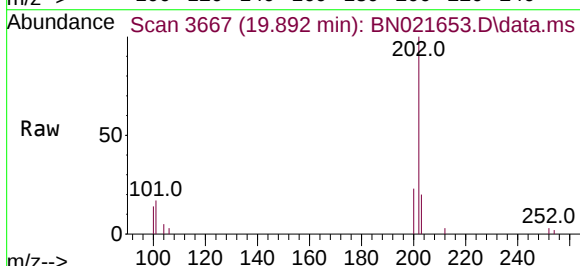
Tgt Ion:202 Resp: 3316

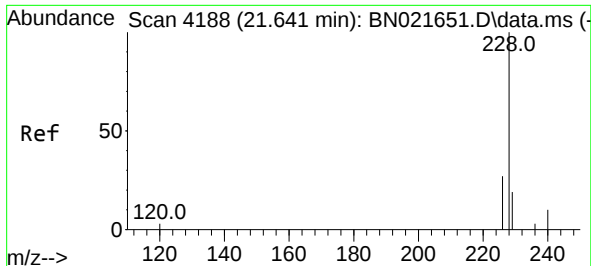
Ion Ratio Lower Upper

202 100

101 17.4 11.3 16.9#

100 14.2 9.0 13.4#

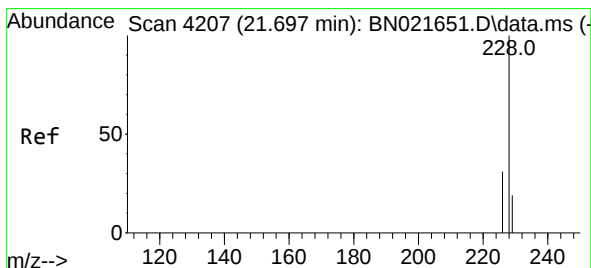
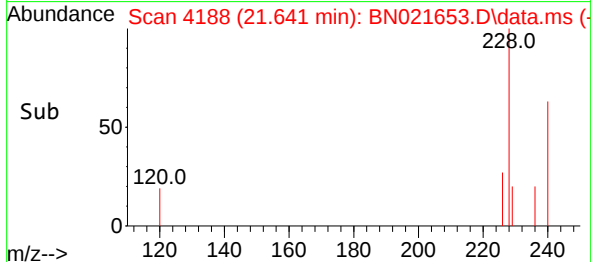
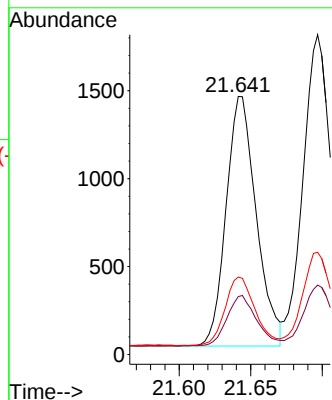
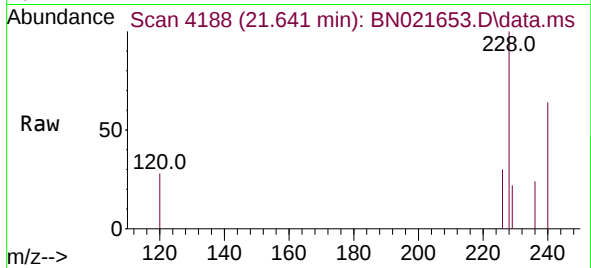




#21
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.641 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

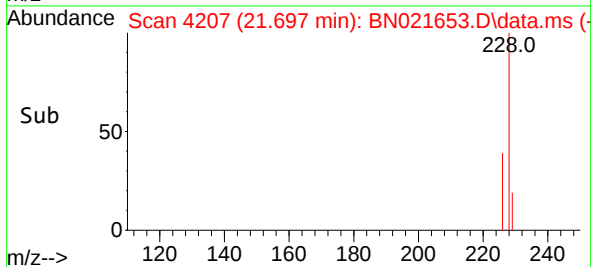
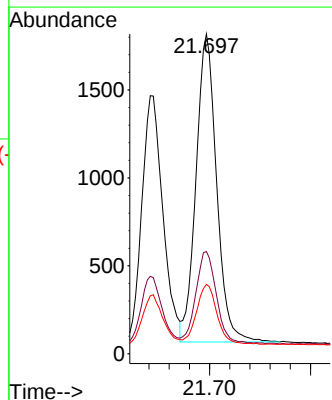
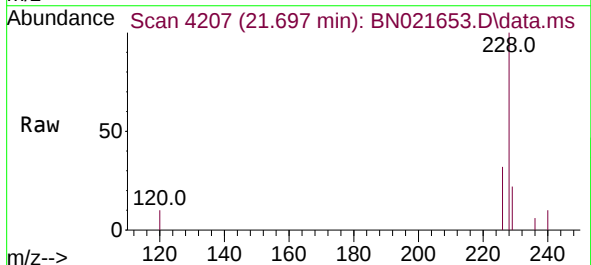
Instrument :
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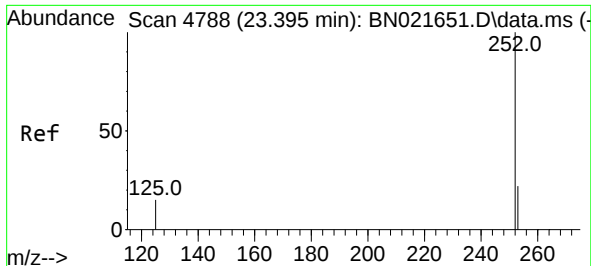
Tgt Ion:228	Resp:	2084	
Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.0	24.0
226	30.0	21.9	32.9



#22
Chrysene
Concen: 0.069 ng/ul
RT: 21.697 min Scan# 4207
Delta R.T. 0.000 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

Tgt Ion:228	Resp:	2478	
Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	21.7	15.8	23.8

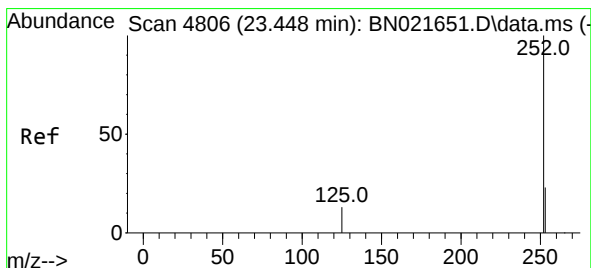
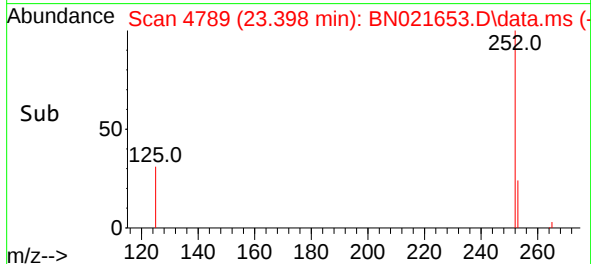
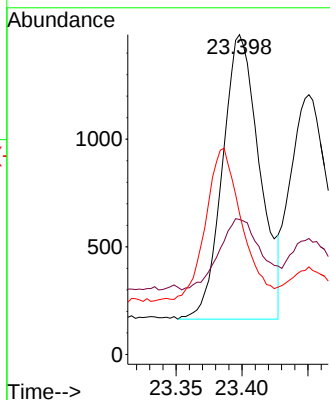
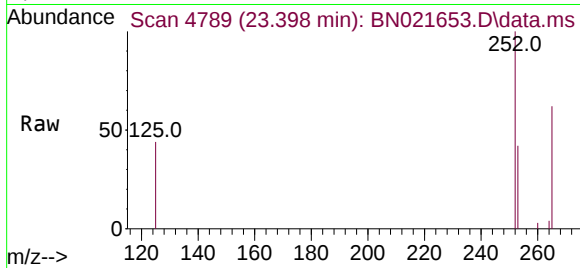




#24
Benzo(b)fluoranthene
Concen: 0.074 ng/ul
RT: 23.398 min Scan# 4788
Delta R.T. -0.003 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

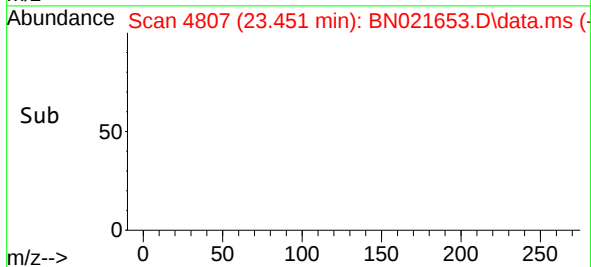
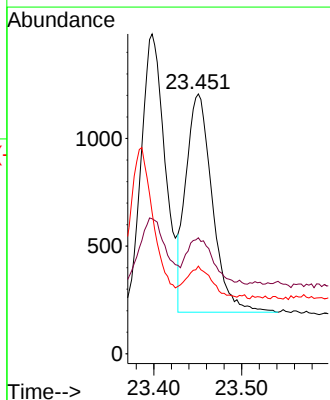
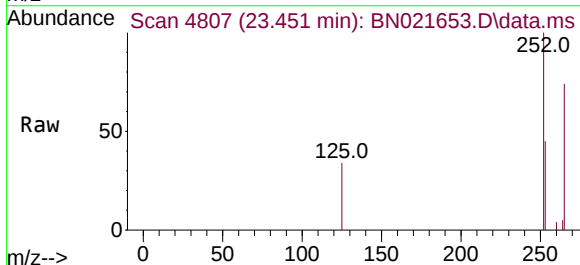
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2022-04

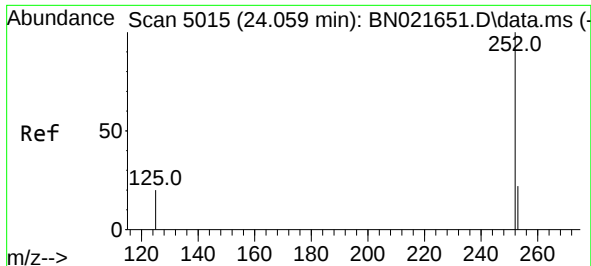
Tgt Ion:252 Resp: 2595
Ion Ratio Lower Upper
252 100
253 42.2 0.0 50.8
125 44.1 0.0 30.0#



#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 23.451 min Scan# 4807
Delta R.T. 0.000 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

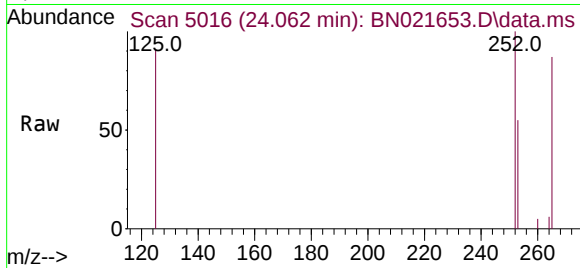
Tgt Ion:252 Resp: 2114
Ion Ratio Lower Upper
252 100
253 44.7 20.6 31.0#
125 33.7 11.8 17.6#



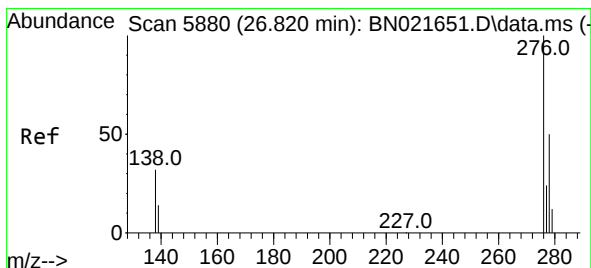
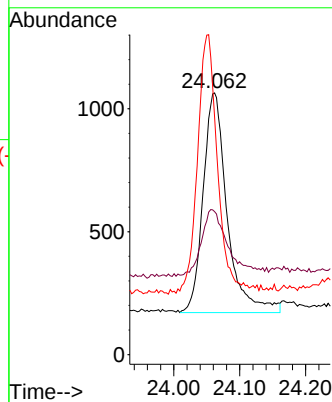
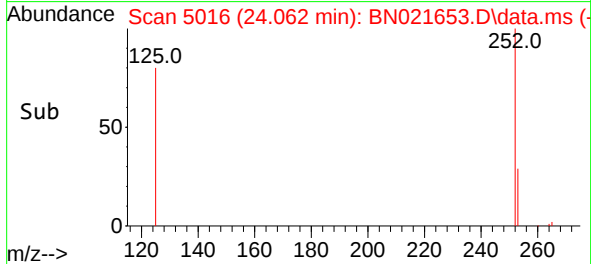


#26
Benzo(a)pyrene
Concen: 0.085 ng/ul
RT: 24.062 min Scan# 5015
Delta R.T. -0.003 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

Instrument : BNA_N
ClientSampleId : MDL-WATER-QT2-2022-04

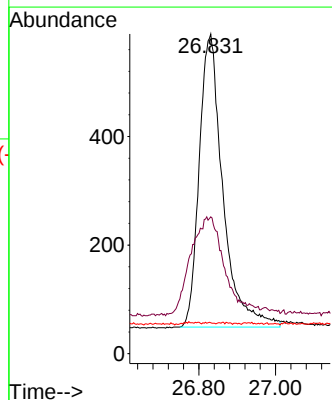
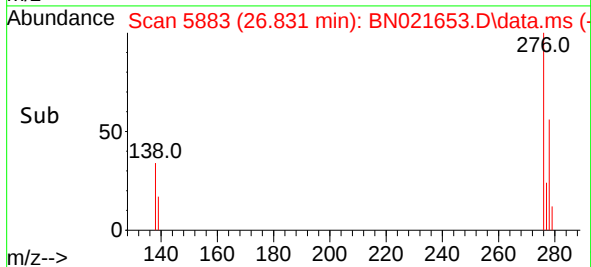
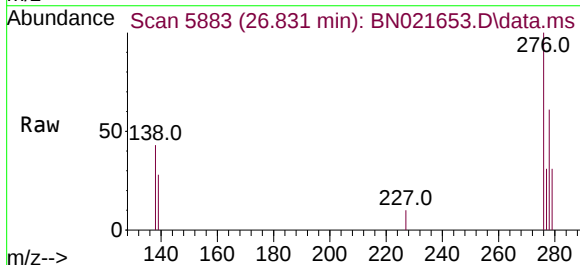


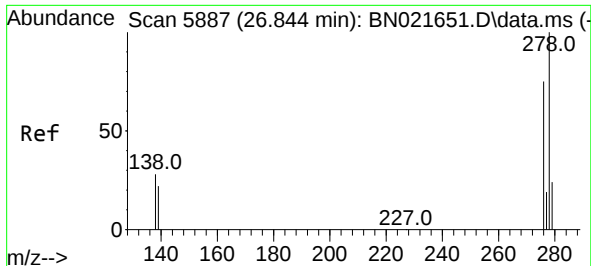
Tgt Ion:252 Resp: 2260
Ion Ratio Lower Upper
252 100
253 54.6 22.1 33.1#
125 90.7 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng/ul
RT: 26.831 min Scan# 5883
Delta R.T. 0.000 min
Lab File: BN021653.D
Acq: 09 Sep 2022 10:13

Tgt Ion:276 Resp: 2305
Ion Ratio Lower Upper
276 100
138 48.8 26.1 39.1#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.071 ng/ul

RT: 26.847 min Scan# 5887

Delta R.T. -0.003 min

Lab File: BN021653.D

Acq: 09 Sep 2022 10:13

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT2-2022-04

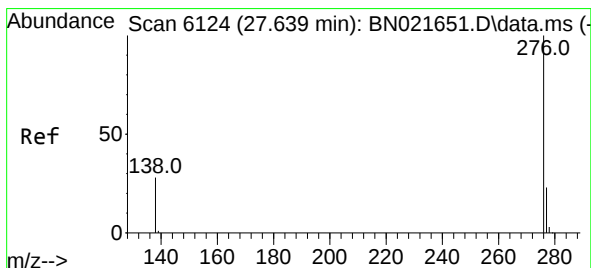
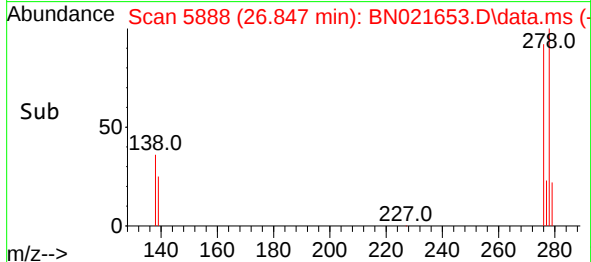
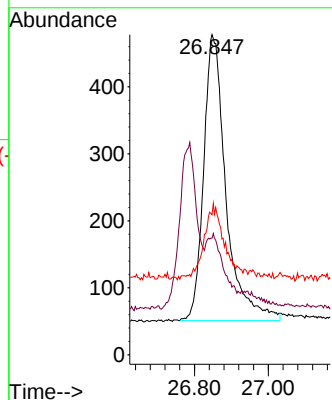
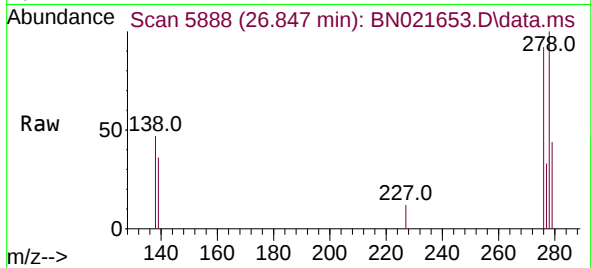
Tgt Ion:278 Resp: 1794

Ion Ratio Lower Upper

278 100

139 36.4 18.3 27.5#

279 43.7 23.9 35.9#



#29

Benzo(g,h,i)perylene

Concen: 0.070 ng/ul

RT: 27.639 min Scan# 6124

Delta R.T. 0.000 min

Lab File: BN021653.D

Acq: 09 Sep 2022 10:13

Tgt Ion:276 Resp: 1911

Ion Ratio Lower Upper

276 100

138 39.2 22.6 34.0#

277 33.8 20.2 30.2#

