

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024410.D
 Acq On : 20 Mar 2023 14:09
 Operator : CG/JU
 Sample : 01884-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB911

Quant Time: Mar 21 02:15:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

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

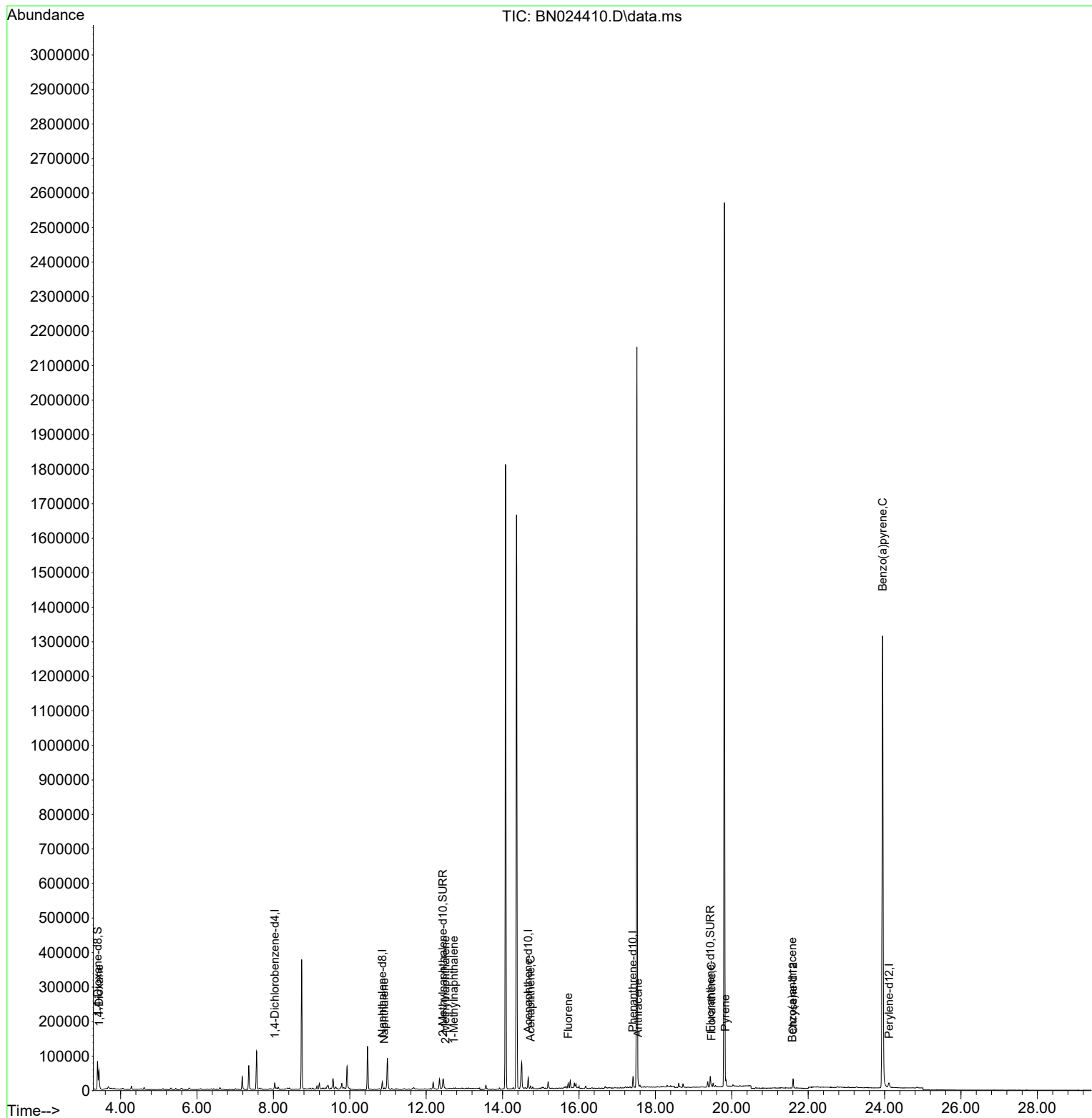
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	9081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	29367	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	19187	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	34659	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	24893	0.400	ng/ul	# 0.00
23) Perylene-d12	24.114	264	17032	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	52599	5.263	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	15063	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	30410	0.459	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	35095	3.228	ng/ul	88
5) Naphthalene	10.900	128	3738	0.051	ng/ul#	61
7) 2-Methylnaphthalene	12.506	142	1153	0.026	ng/ul#	5
8) 1-Methylnaphthalene	12.725	142	1141	0.024	ng/ul	92
11) Acenaphthene	14.731	153	4916	0.080	ng/ul	97
12) Fluorene	15.716	166	9065	0.132	ng/ul#	93
16) Anthracene	17.548	178	6106	0.070	ng/ul#	49
19) Fluoranthene	19.469	202	3528	0.036	ng/ul#	1
20) Pyrene	19.831	202	2318	0.023	ng/ul#	1
21) Benzo(a)anthracene	21.586	228	1741	0.021	ng/ul#	17
26) Benzo(a)pyrene	23.948	252	8050	0.144	ng/ul#	28

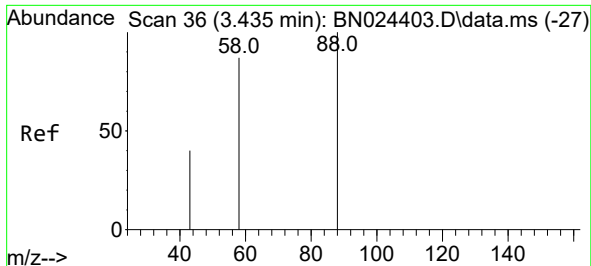
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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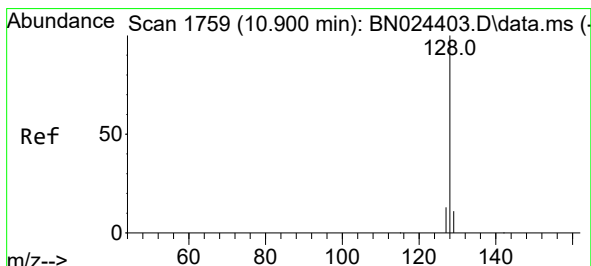
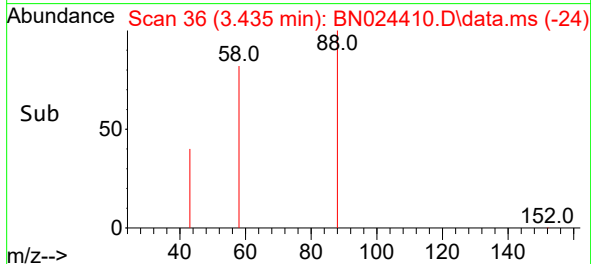
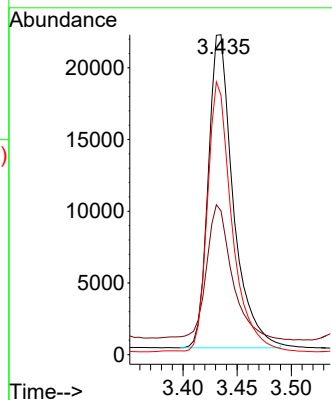
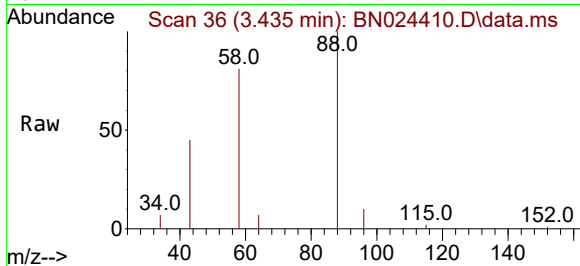




#2
 1,4-Dioxane
 Concen: 3.228 ng/ul
 RT: 3.435 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN024410.D
 Acq: 20 Mar 2023 14:09

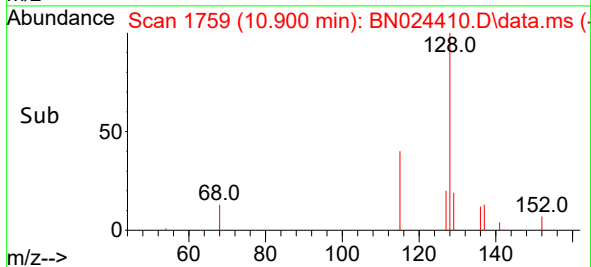
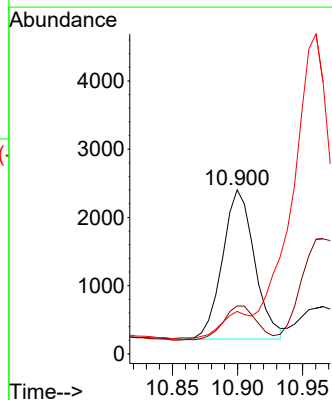
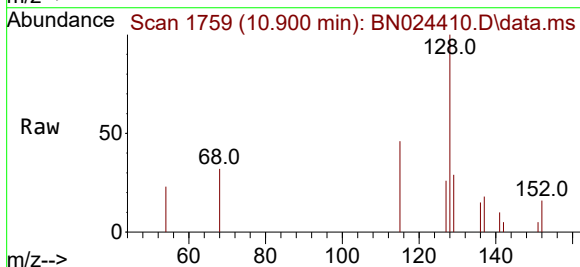
Instrument :
 BNA_N
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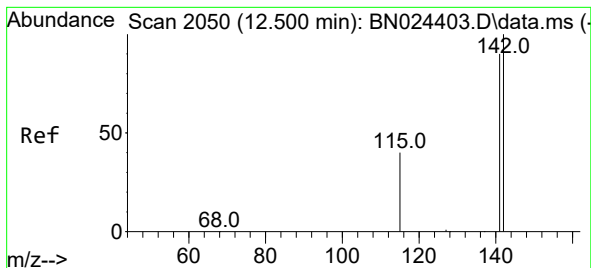
Tgt Ion: 88 Resp: 35095
 Ion Ratio Lower Upper
 88 100
 43 45.0 32.1 48.1
 58 81.0 55.1 82.7



#5
 Naphthalene
 Concen: 0.051 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. -0.000 min
 Lab File: BN024410.D
 Acq: 20 Mar 2023 14:09

Tgt Ion: 128 Resp: 3738
 Ion Ratio Lower Upper
 128 100
 129 29.2 9.0 13.6#
 127 25.9 10.5 15.7#

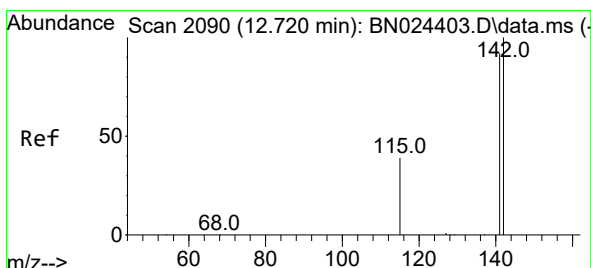
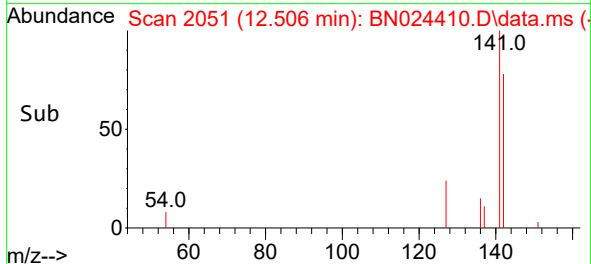
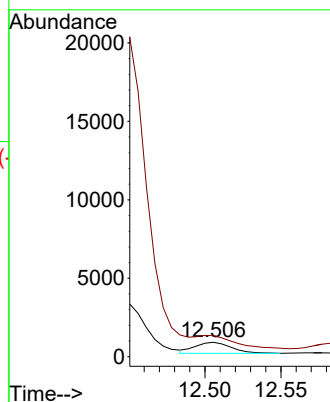
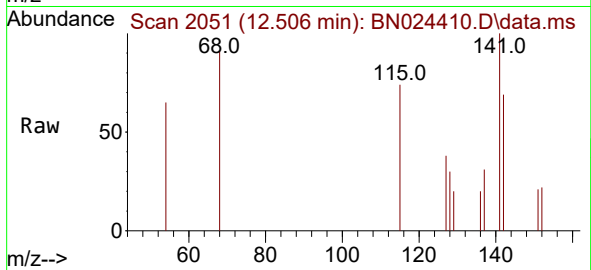




#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.506 min Scan# 2051
Delta R.T. 0.005 min
Lab File: BN024410.D
Acq: 20 Mar 2023 14:09

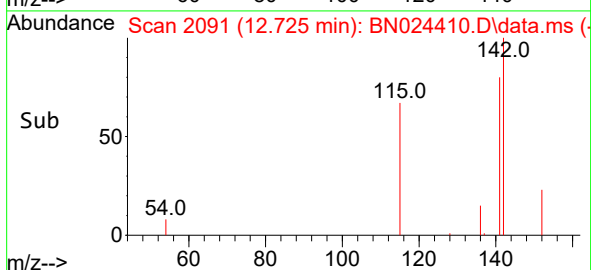
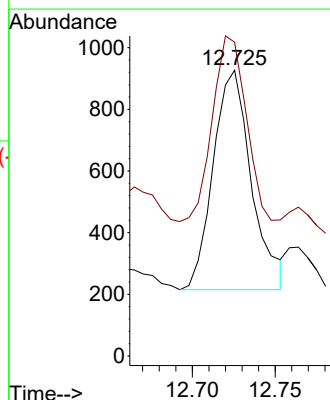
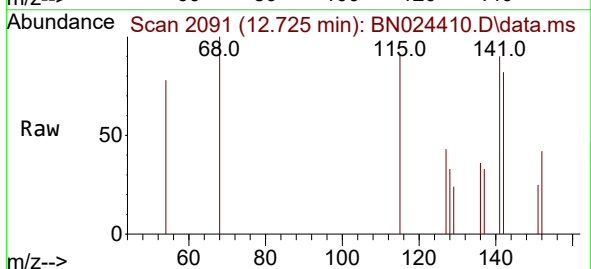
Instrument :
BNA_N
ClientSampleId :
CB911

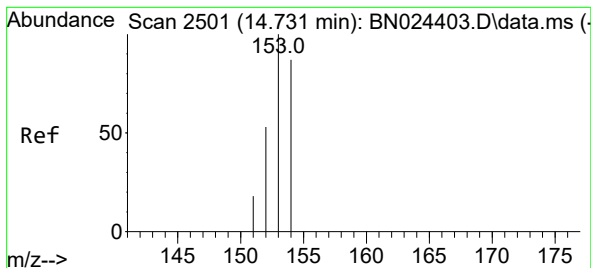
Tgt Ion:142 Resp: 1153
Ion Ratio Lower Upper
142 100
141 0.0 70.3 105.5#



#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.725 min Scan# 2091
Delta R.T. 0.005 min
Lab File: BN024410.D
Acq: 20 Mar 2023 14:09

Tgt Ion:142 Resp: 1141
Ion Ratio Lower Upper
142 100
141 83.4 73.0 109.6





#11

Acenaphthene

Concen: 0.080 ng/ul

RT: 14.731 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024410.D

Acq: 20 Mar 2023 14:09

Instrument :

BNA_N

ClientSampleId :

CB911

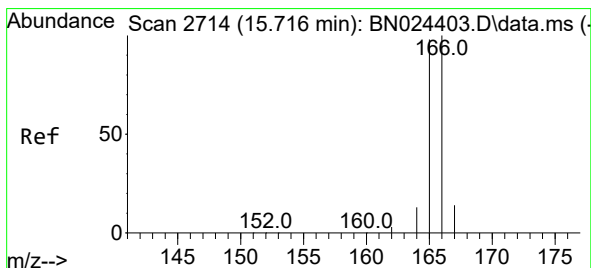
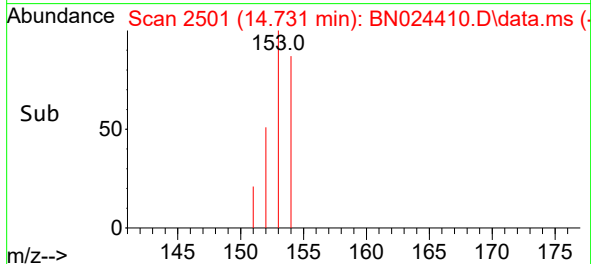
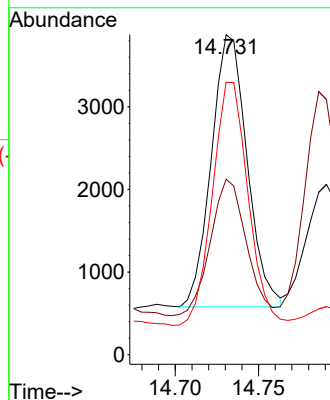
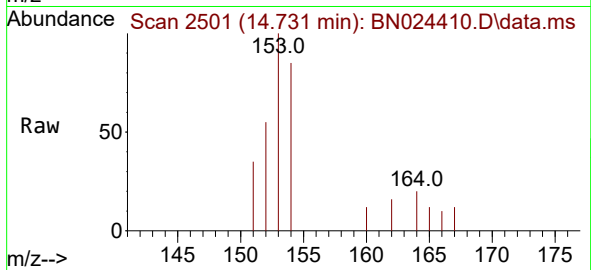
Tgt Ion:153 Resp: 4916

Ion Ratio Lower Upper

153 100

152 54.8 42.6 64.0

154 85.2 70.6 105.8



#12

Fluorene

Concen: 0.132 ng/ul

RT: 15.716 min Scan# 2714

Delta R.T. -0.000 min

Lab File: BN024410.D

Acq: 20 Mar 2023 14:09

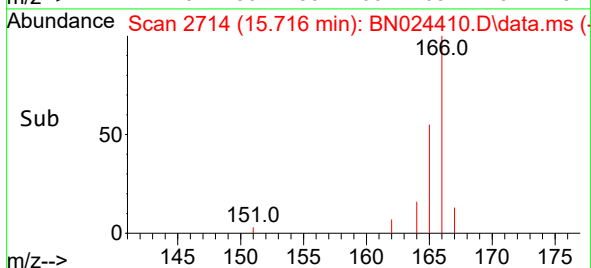
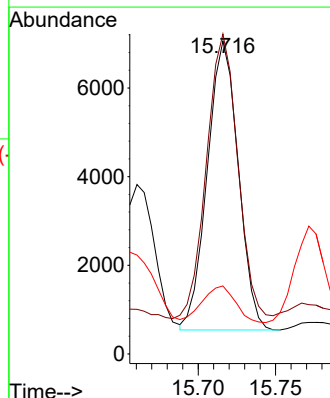
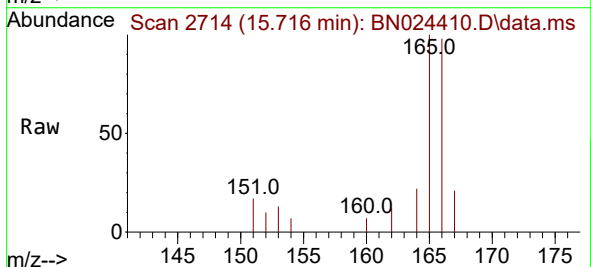
Tgt Ion:166 Resp: 9065

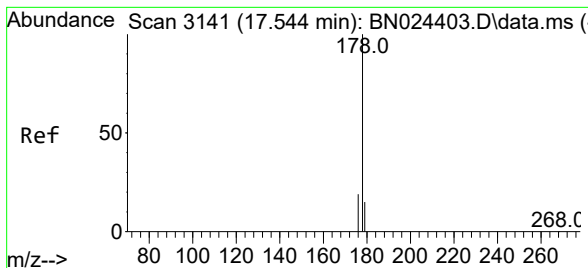
Ion Ratio Lower Upper

166 100

165 102.2 77.4 116.0

167 21.7 10.9 16.3#





#16

Anthracene

Concen: 0.070 ng/ul

RT: 17.548 min Scan# 3141

Delta R.T. 0.004 min

Lab File: BN024410.D

Acq: 20 Mar 2023 14:09

Instrument :

BNA_N

ClientSampleId :

CB911

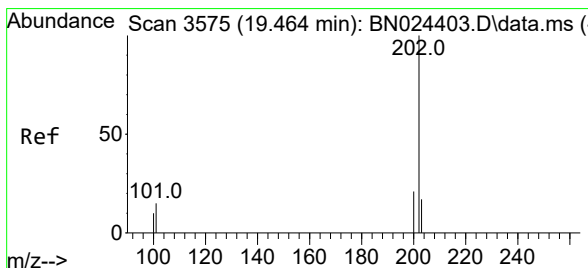
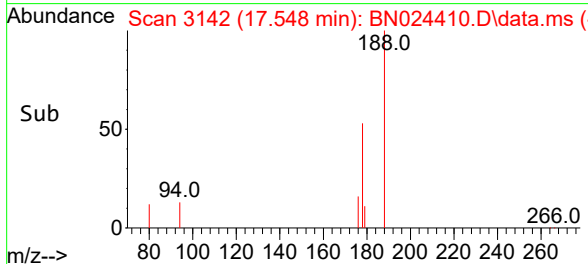
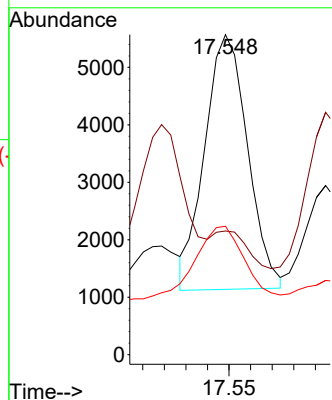
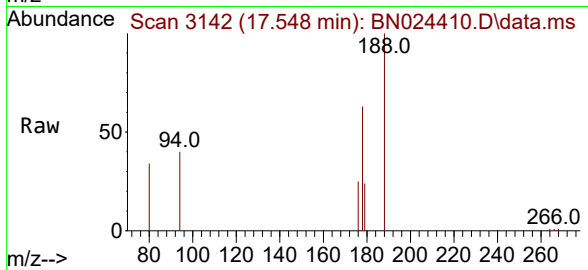
Tgt Ion:178 Resp: 6106

Ion Ratio Lower Upper

178 100

179 38.7 12.3 18.5#

176 40.2 15.3 22.9#



#19

Fluoranthene

Concen: 0.036 ng/ul

RT: 19.469 min Scan# 3576

Delta R.T. 0.005 min

Lab File: BN024410.D

Acq: 20 Mar 2023 14:09

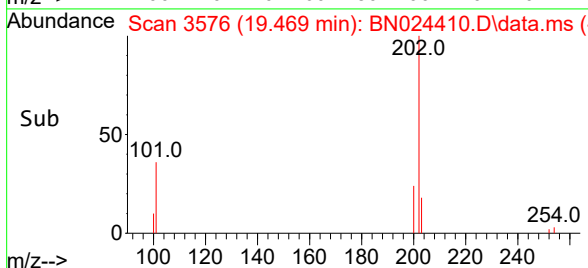
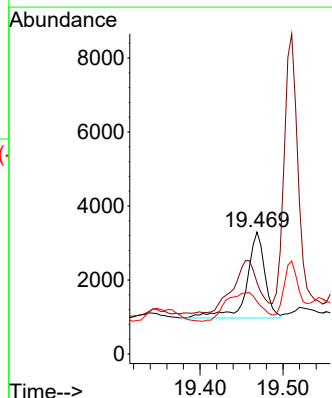
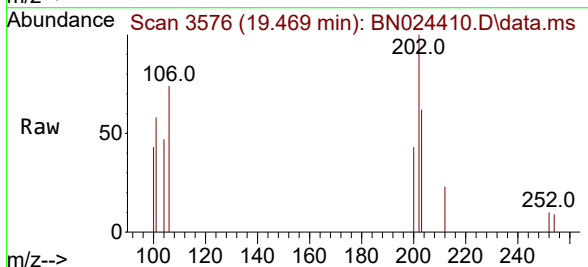
Tgt Ion:202 Resp: 3528

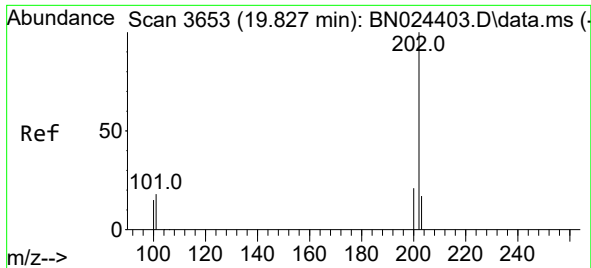
Ion Ratio Lower Upper

202 100

101 58.4 10.4 15.6#

100 43.0 7.7 11.5#





#20

Pyrene

Concen: 0.023 ng/ul

RT: 19.831 min Scan# 3654

Delta R.T. 0.005 min

Lab File: BN024410.D

Acq: 20 Mar 2023 14:09

Instrument :

BNA_N

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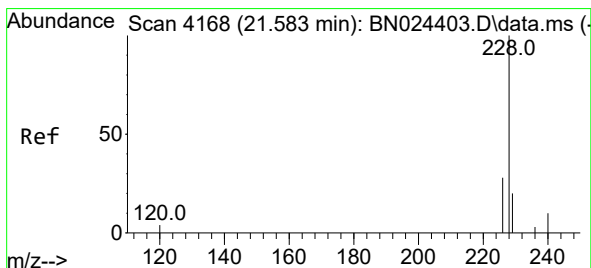
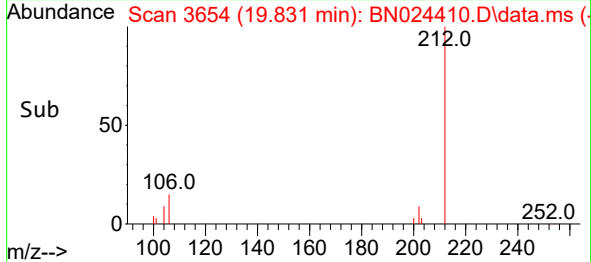
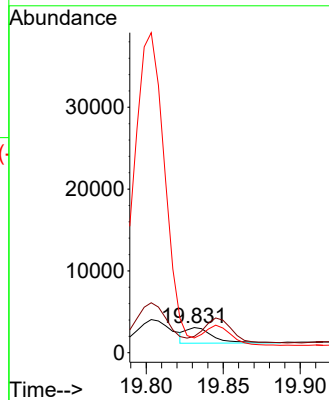
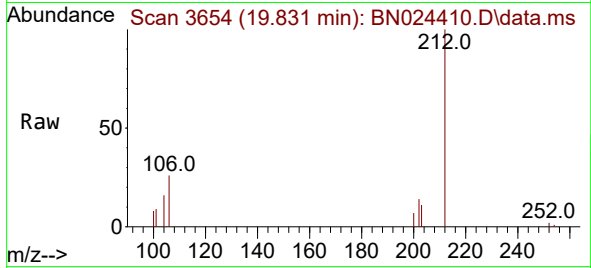
Tgt Ion:202 Resp: 2318

Ion Ratio Lower Upper

202 100

101 64.7 12.1 18.1#

100 58.2 9.4 14.0#



#21

Benzo(a)anthracene

Concen: 0.021 ng/ul

RT: 21.586 min Scan# 4169

Delta R.T. 0.003 min

Lab File: BN024410.D

Acq: 20 Mar 2023 14:09

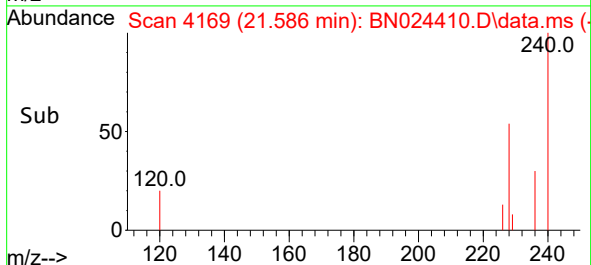
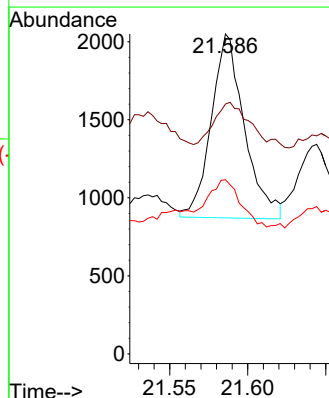
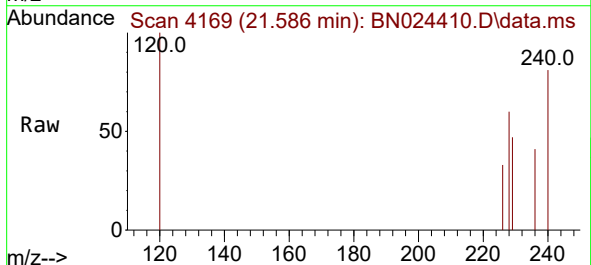
Tgt Ion:228 Resp: 1741

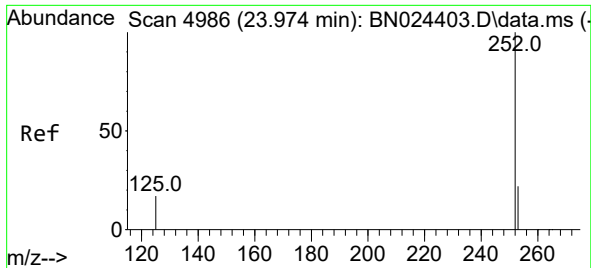
Ion Ratio Lower Upper

228 100

229 78.1 15.8 23.6#

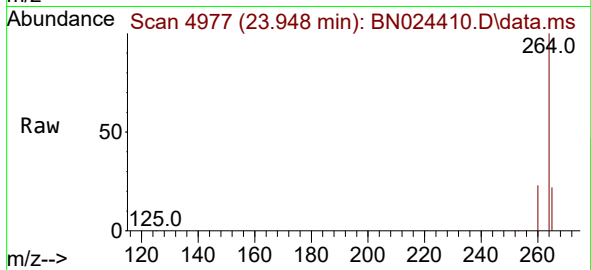
226 54.4 22.2 33.4#





#26
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 23.948 min Scan# 4977
Delta R.T. -0.026 min
Lab File: BN024410.D
Acq: 20 Mar 2023 14:09

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 8050
Ion Ratio Lower Upper
252 100
253 52.5 19.2 28.8#
125 60.6 15.8 23.6#

