

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026554.D
 Acq On : 18 Jul 2023 01:49
 Operator : MA/JU
 Sample : 03458-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M6

Quant Time: Jul 18 04:24:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

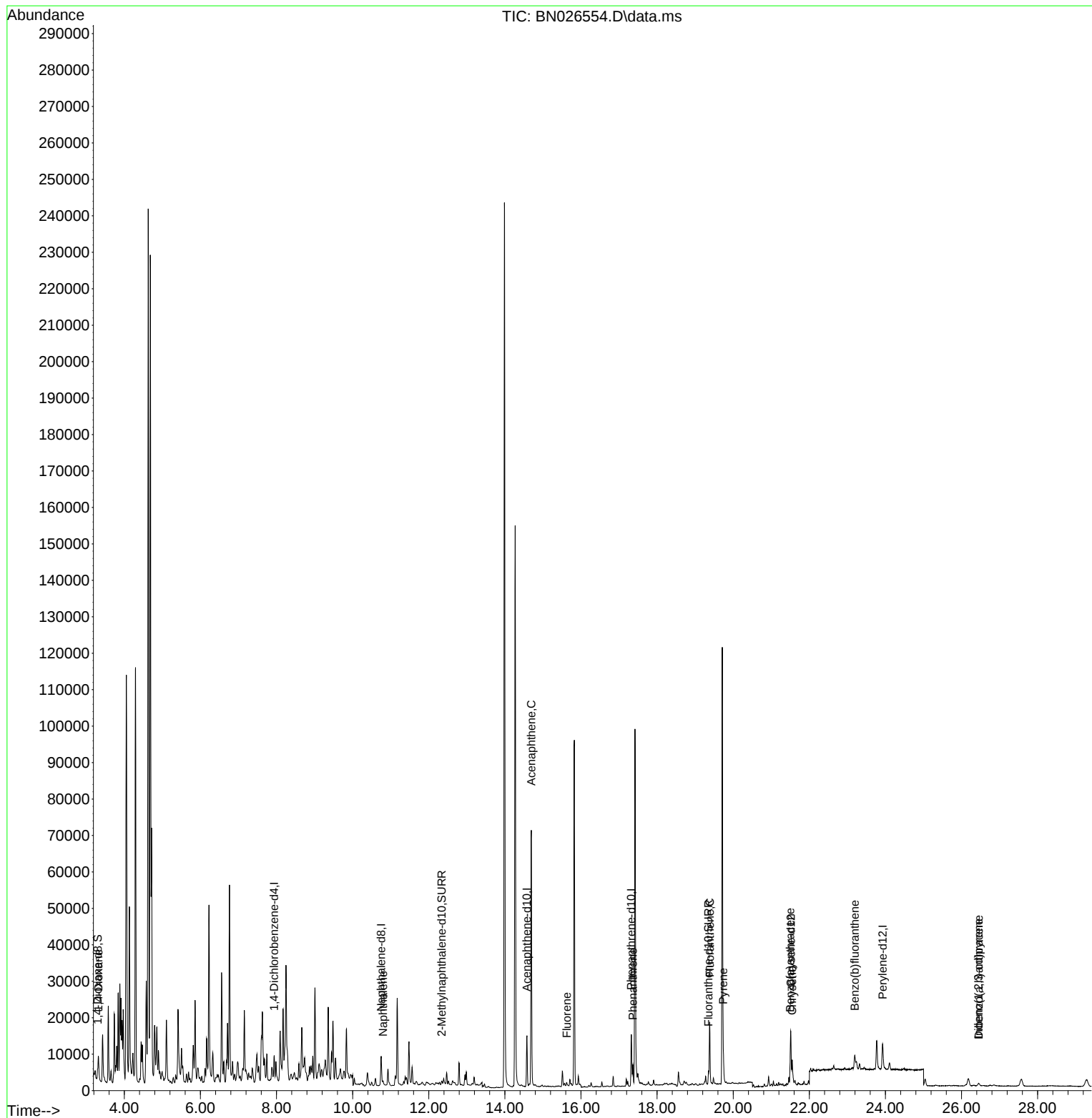
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4222	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	12993	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	8318	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	19994	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	13238	0.400	ng/ul	# 0.00
23) Perylene-d12	23.926	264	10796	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1986	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	1517	0.086	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	4307	0.094	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	1184	0.225	ng/ul#	1
5) Naphthalene	10.798	128	1676	0.047	ng/ul#	82
11) Acenaphthene	14.695	153	24156	0.778	ng/ul#	1
12) Fluorene	15.625	166	695	0.021	ng/ul#	84
15) Phenanthrene	17.364	178	6366	0.100	ng/ul#	94
19) Fluoranthene	19.382	202	16737	0.270	ng/ul	98
20) Pyrene	19.740	202	6102	0.091	ng/ul#	91
21) Benzo(a)anthracene	21.497	228	6919	0.142	ng/ul#	86
22) Chrysene	21.549	228	5685	0.103	ng/ul#	78
24) Benzo(b)fluoranthene	23.195	252	10129	0.241	ng/ul	76
27) Indeno(1,2,3-cd)pyrene	26.450	276	1005	0.020	ng/ul#	67
28) Dibenzo(a,h)anthracene	26.457	278	941	0.025	ng/ul#	1

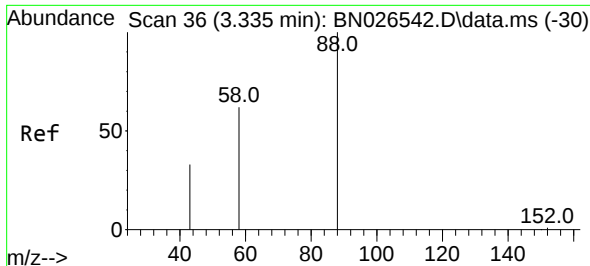
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.225 ng/ul

RT: 3.318 min Scan# 31

Delta R.T. -0.013 min

Lab File: BN026554.D

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A46M6

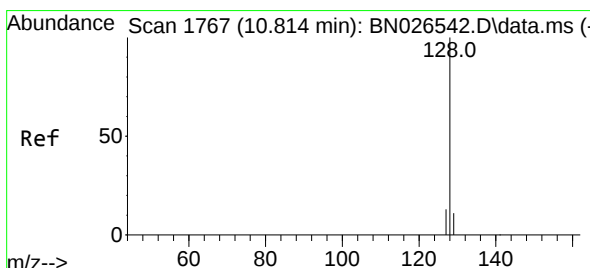
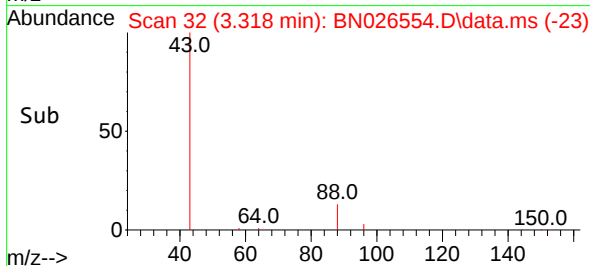
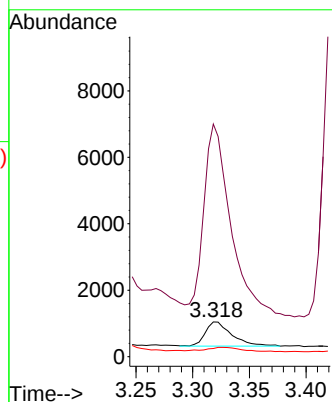
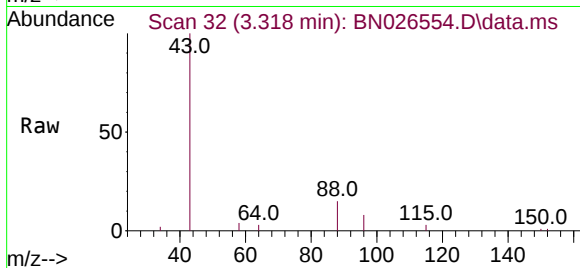
Tgt Ion: 88 Resp: 1184

Ion Ratio Lower Upper

88 100

43 670.6 33.0 49.6#

58 23.8 41.7 62.5#



#5

Naphthalene

Concen: 0.047 ng/ul

RT: 10.798 min Scan# 1764

Delta R.T. 0.000 min

Lab File: BN026554.D

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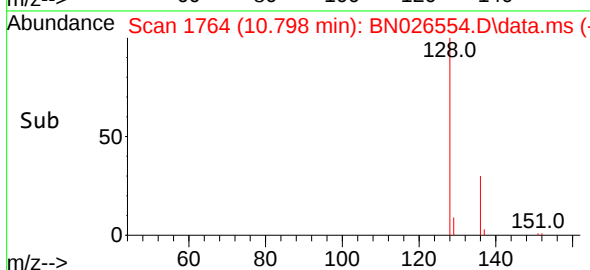
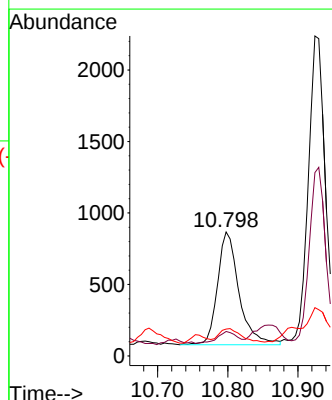
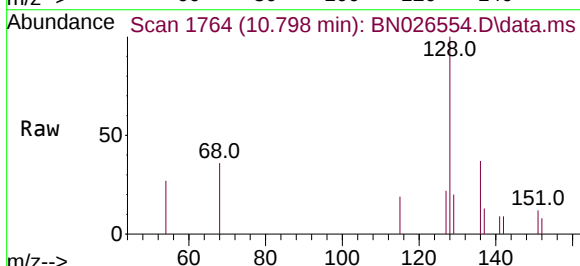
Tgt Ion: 128 Resp: 1676

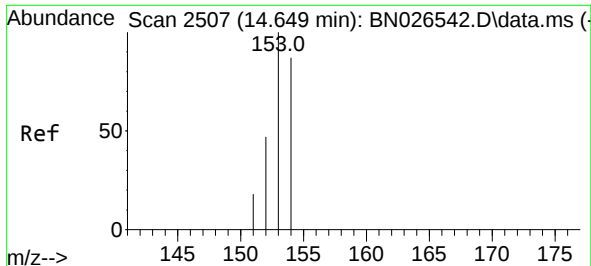
Ion Ratio Lower Upper

128 100

129 19.7 10.2 15.2#

127 21.7 11.4 17.0#

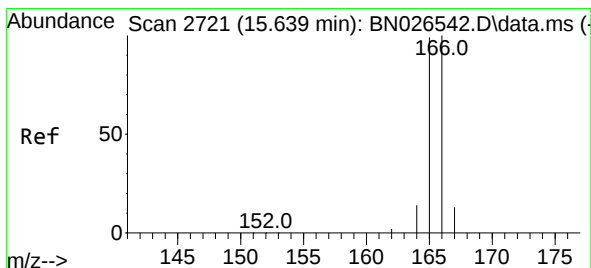
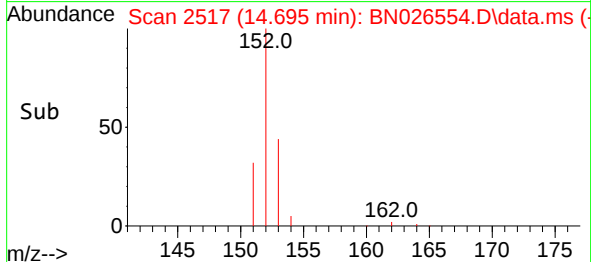
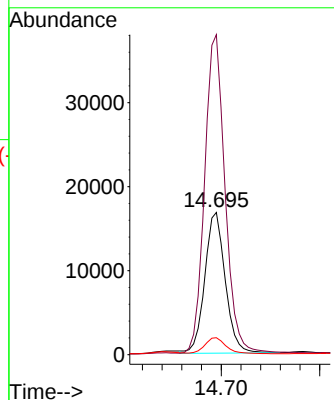
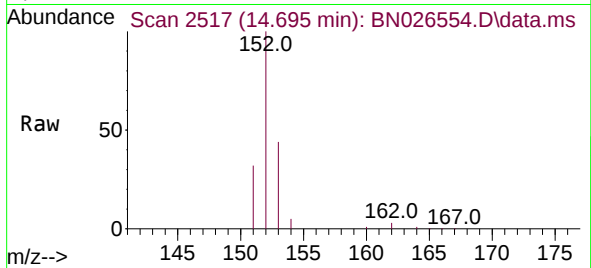




#11
Acenaphthene
Concen: 0.778 ng/ul
RT: 14.695 min Scan# 2171
Delta R.T. 0.056 min
Lab File: BN026554.D
Acq: 18 Jul 2023 01:49

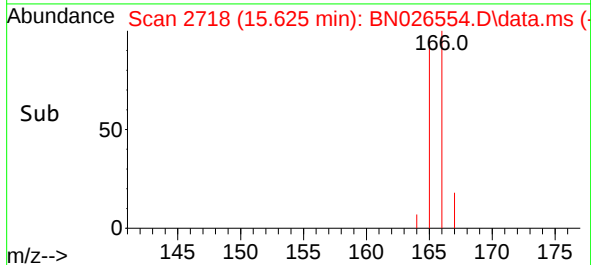
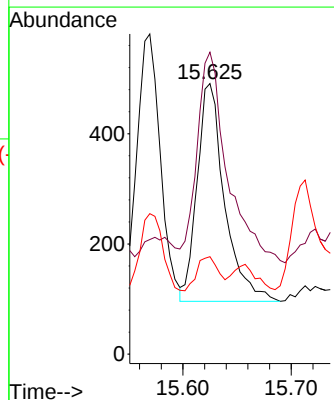
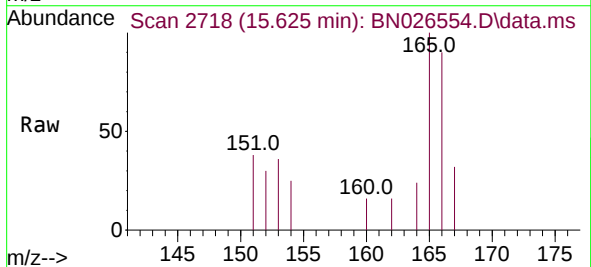
Instrument :
BNA_N
ClientSampleId :
A46M6

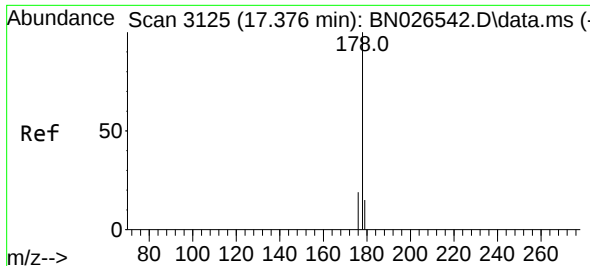
Tgt Ion:153 Resp: 24156
Ion Ratio Lower Upper
153 100
152 224.9 40.2 60.4#
154 11.9 69.3 103.9#



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BN026554.D
Acq: 18 Jul 2023 01:49

Tgt Ion:166 Resp: 695
Ion Ratio Lower Upper
166 100
165 111.6 80.6 120.8
167 36.0 12.0 18.0#

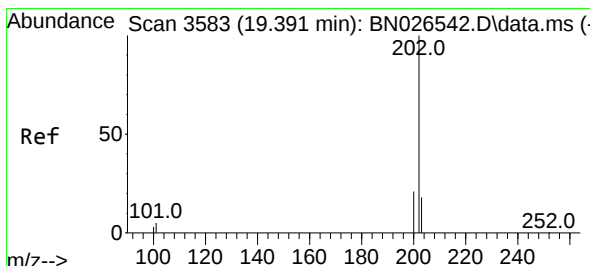
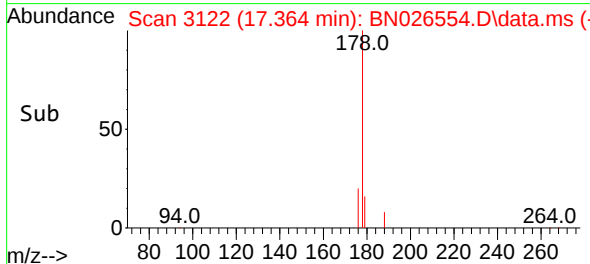
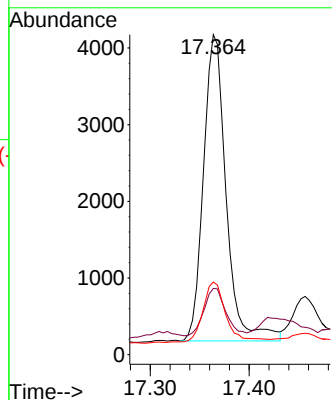
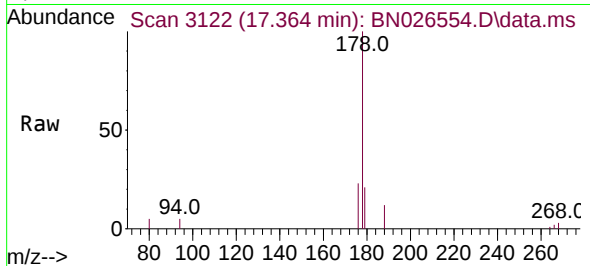




#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.364 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026554.D
Acq: 18 Jul 2023 01:49

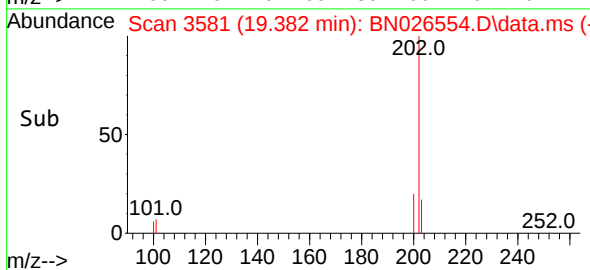
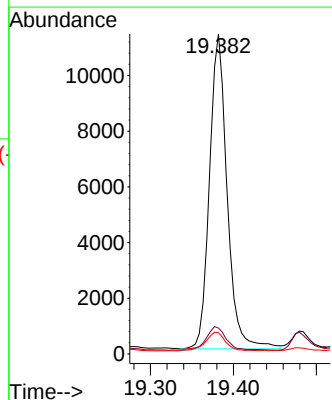
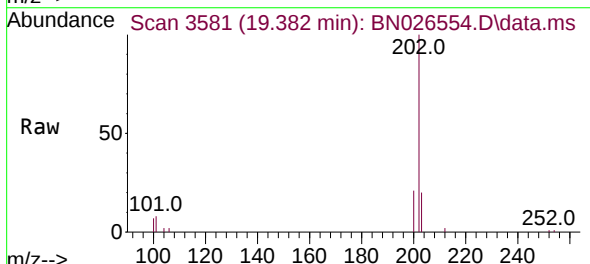
Instrument :
BNA_N
ClientSampleId :
A46M6

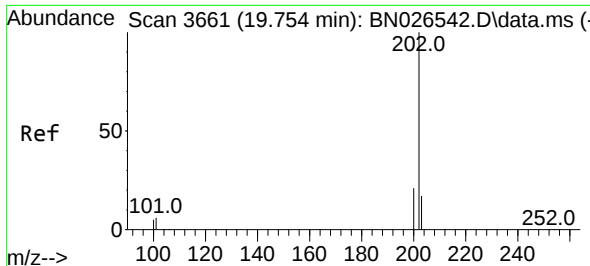
Tgt Ion:178 Resp: 6366
Ion Ratio Lower Upper
178 100
179 20.7 13.7 20.5#
176 22.7 16.5 24.7



#19
Fluoranthene
Concen: 0.270 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026554.D
Acq: 18 Jul 2023 01:49

Tgt Ion:202 Resp: 16737
Ion Ratio Lower Upper
202 100
101 8.1 7.0 10.4
100 6.6 6.0 9.0

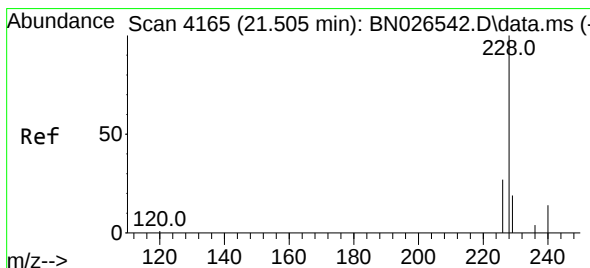
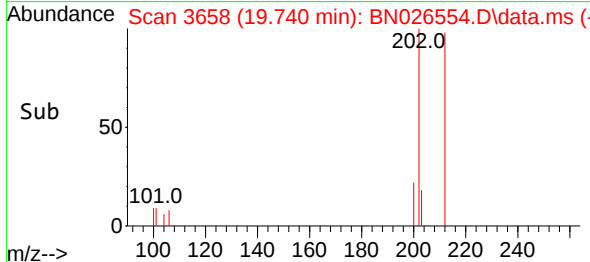
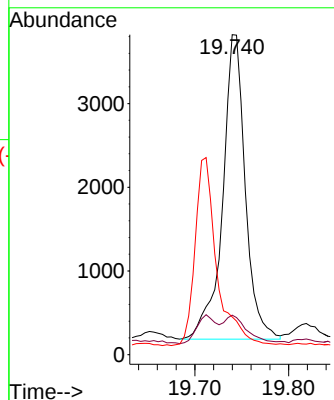
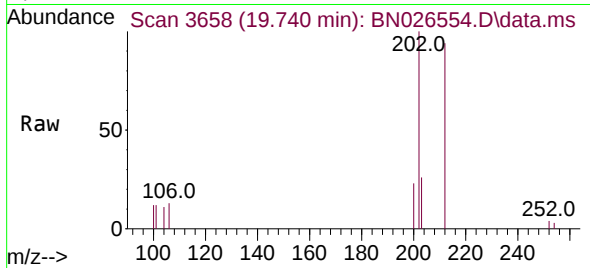




#20
Pyrene
Concen: 0.091 ng/ul
RT: 19.740 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BN026554.D
Acq: 18 Jul 2023 01:49

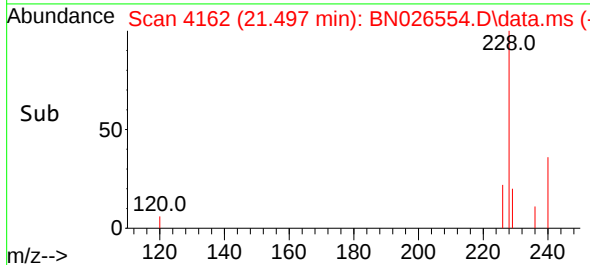
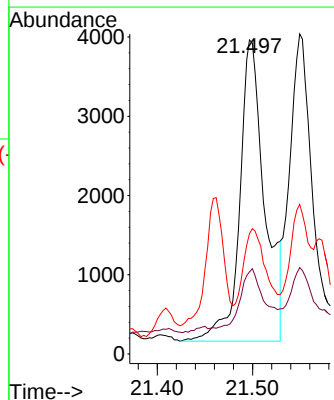
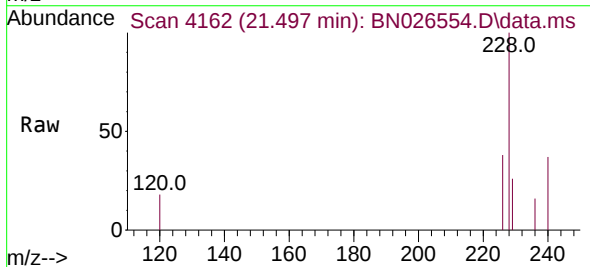
Instrument :
BNA_N
ClientSampleId :
A46M6

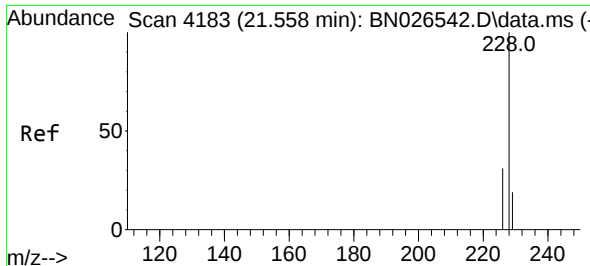
Tgt Ion:202 Resp: 6102
Ion Ratio Lower Upper
202 100
101 12.3 8.0 12.0#
100 11.8 6.2 9.2#



#21
Benzo(a)anthracene
Concen: 0.142 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BN026554.D
Acq: 18 Jul 2023 01:49

Tgt Ion:228 Resp: 6919
Ion Ratio Lower Upper
228 100
229 26.1 16.7 25.1#
226 38.3 23.5 35.3#





#22

Chrysene

Concen: 0.103 ng/ul

RT: 21.549 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN026554.D

Acq: 18 Jul 2023 01:49

Instrument :

BNA_N

ClientSampleId :

A46M6

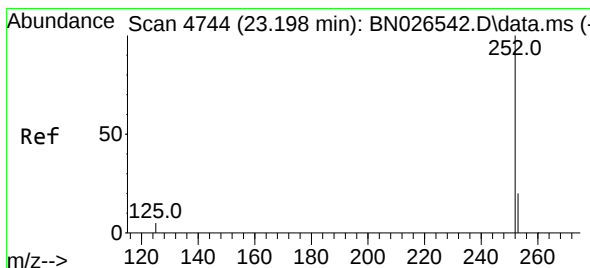
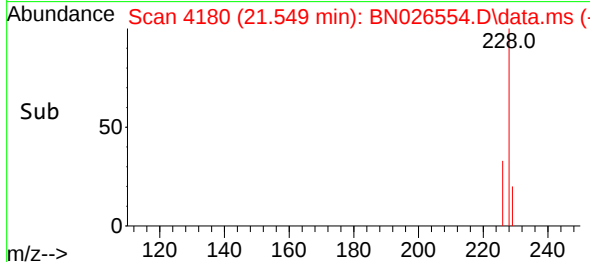
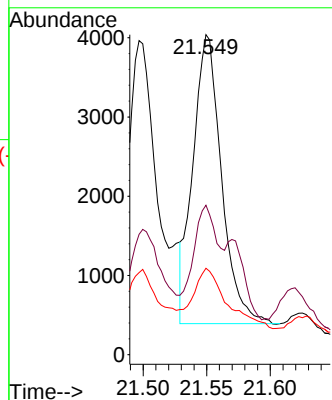
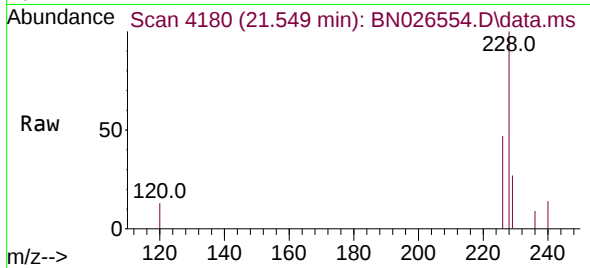
Tgt Ion:228 Resp: 5685

Ion Ratio Lower Upper

228 100

226 46.7 25.2 37.8#

229 27.0 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.241 ng/ul

RT: 23.195 min Scan# 4743

Delta R.T. 0.000 min

Lab File: BN026554.D

Acq: 18 Jul 2023 01:49

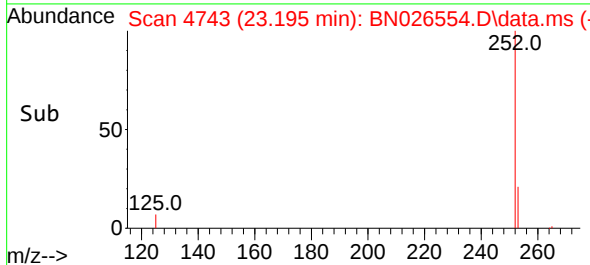
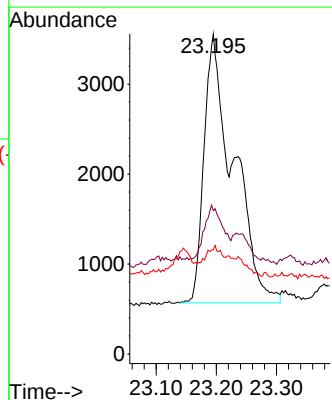
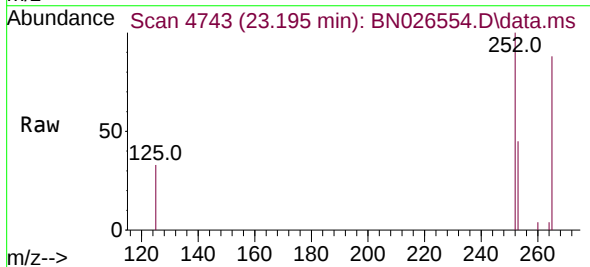
Tgt Ion:252 Resp: 10129

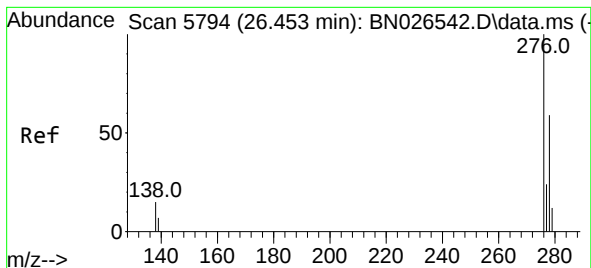
Ion Ratio Lower Upper

252 100

253 44.8 0.0 68.6

125 32.5 0.0 34.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng/ul

RT: 26.450 min Scan# 5793

Delta R.T. -0.003 min

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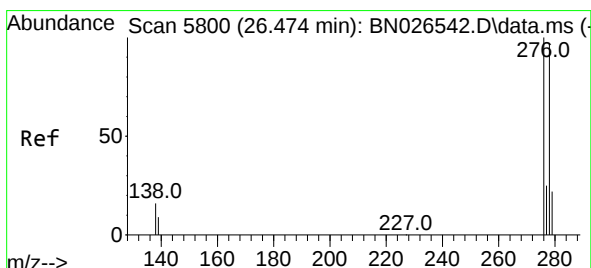
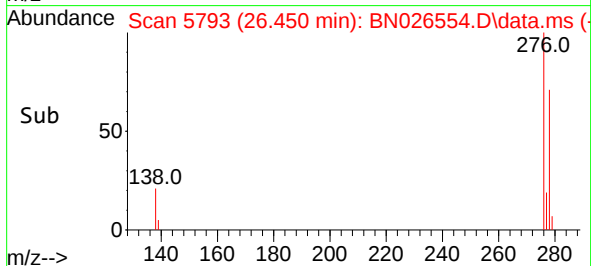
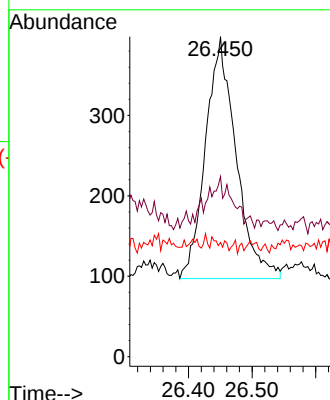
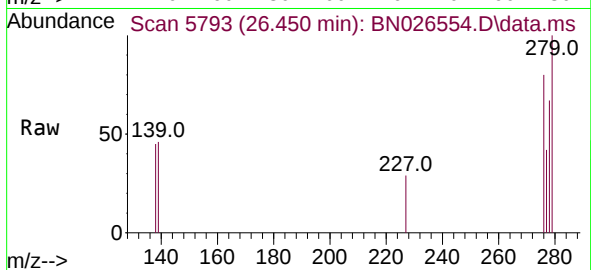
Tgt Ion:276 Resp: 1005

Ion Ratio Lower Upper

276 100

138 10.5 22.2 33.4#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.025 ng/ul

RT: 26.457 min Scan# 5795

Delta R.T. -0.010 min

Lab File: BN026554.D

Acq: 18 Jul 2023 01:49

Tgt Ion:278 Resp: 941

Ion Ratio Lower Upper

278 100

139 67.4 18.9 28.3#

279 145.3 31.3 46.9#

