

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026521.D
 Acq On : 15 Jul 2023 20:47
 Operator : MA/JU
 Sample : 03418-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46J4

Quant Time: Jul 16 00:55:50 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 : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

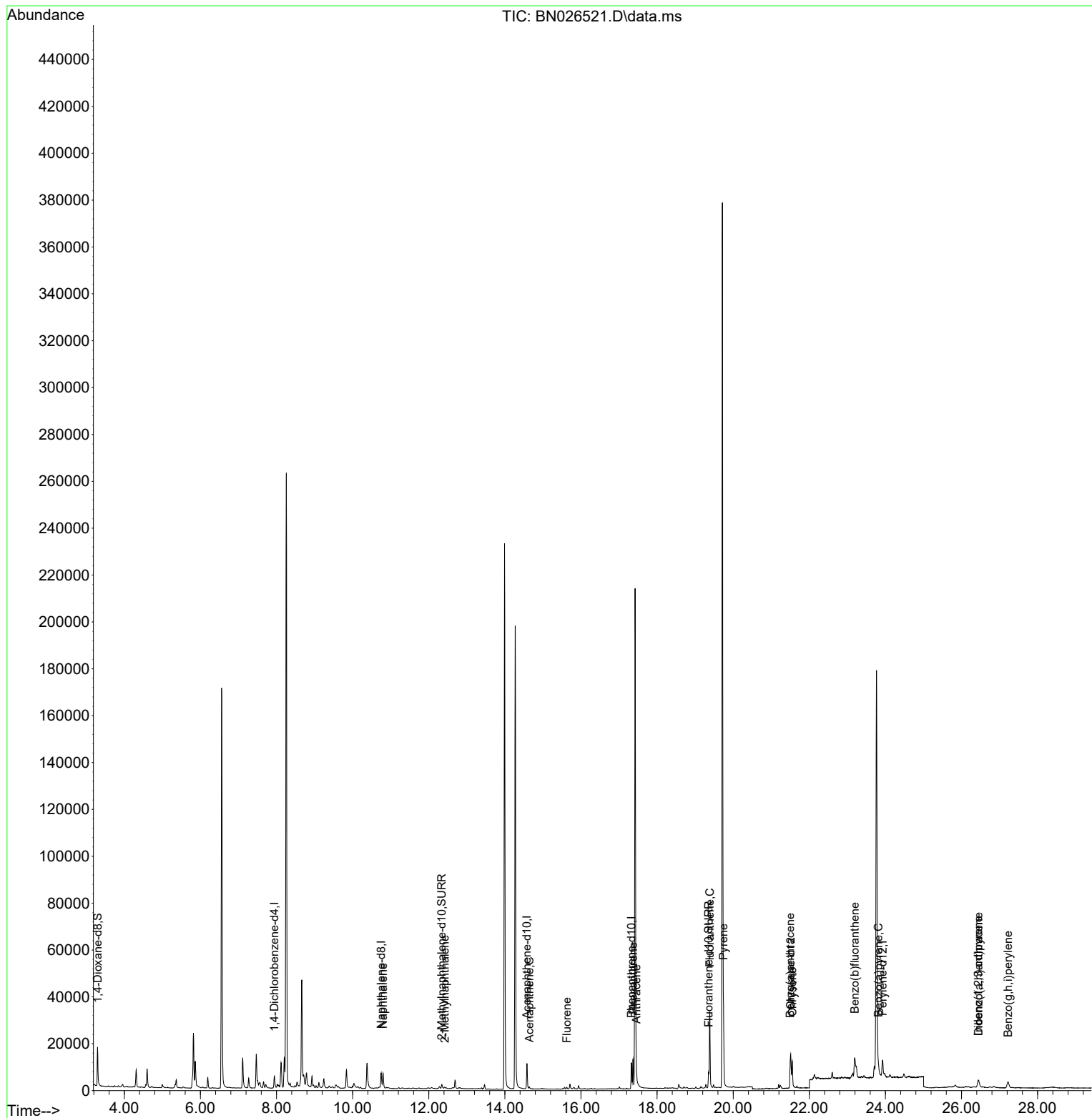
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3156	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.748	136	9669	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.579	164	6391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	14302	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	11508	0.400	ng/ul	#-0.01
23) Perylene-d12	23.929	264	10765	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	10923	2.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2779	0.211	ng/ul	-0.01
18) Fluoranthene-d10	19.354	212	7903	0.198	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.798	128	9889	0.372	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	602	0.040	ng/ul	96
11) Acenaphthene	14.644	153	504	0.021	ng/ul	96
12) Fluorene	15.630	166	548	0.022	ng/ul#	96
15) Phenanthrene	17.368	178	13989	0.307	ng/ul	99
16) Anthracene	17.457	178	963	0.024	ng/ul#	77
19) Fluoranthene	19.382	202	30676	0.569	ng/ul	97
20) Pyrene	19.745	202	27107	0.463	ng/ul	98
21) Benzo(a)anthracene	21.497	228	9260	0.219	ng/ul	98
22) Chrysene	21.552	228	11899	0.247	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	21269	0.507	ng/ul	93
26) Benzo(a)pyrene	23.815	252	4862	0.130	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.440	276	6789	0.139	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.450	278	1504	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	27.225	276	6724	0.156	ng/ul#	92

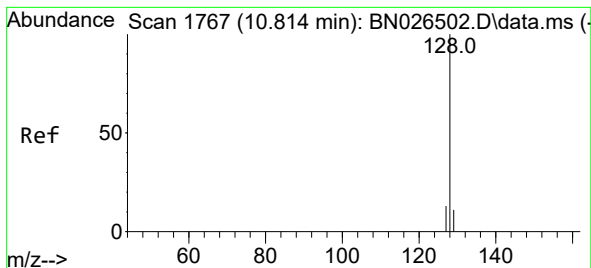
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 00:55:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
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#5

Naphthalene

Concen: 0.372 ng/ul

RT: 10.798 min Scan# 1767

Delta R.T. -0.016 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

Instrument :

BNA_N

ClientSampleId :

A46J4

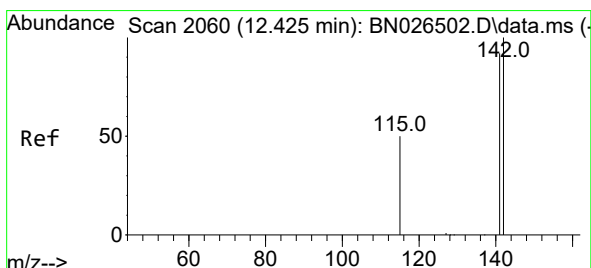
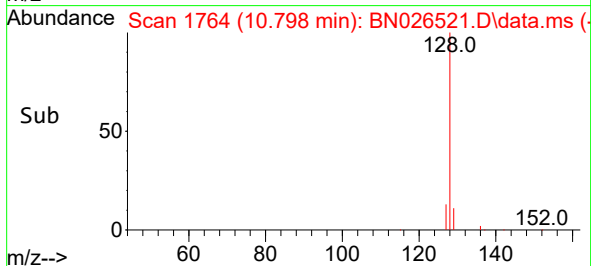
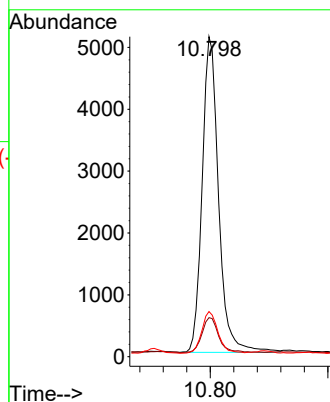
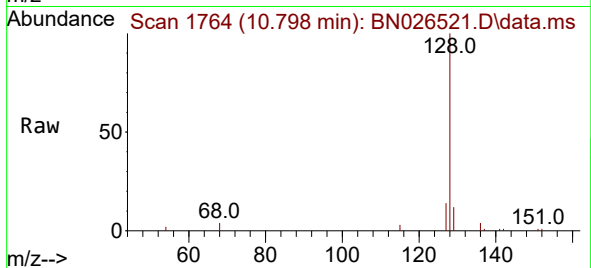
Tgt Ion:128 Resp: 9889

Ion Ratio Lower Upper

128 100

129 12.2 10.2 15.2

127 14.1 11.4 17.0



#7

2-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 12.420 min Scan# 2059

Delta R.T. -0.005 min

Lab File: BN026521.D

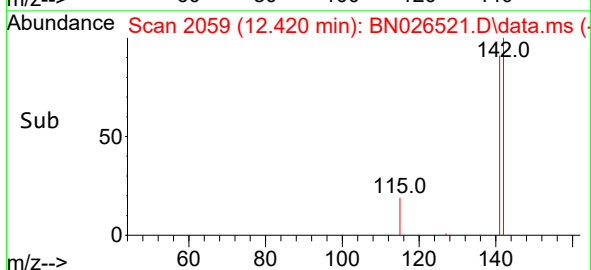
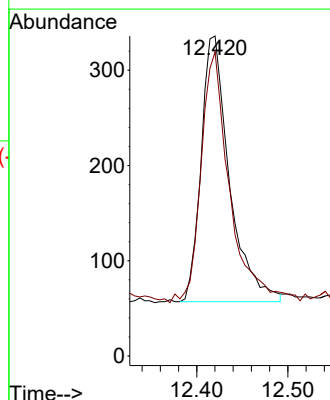
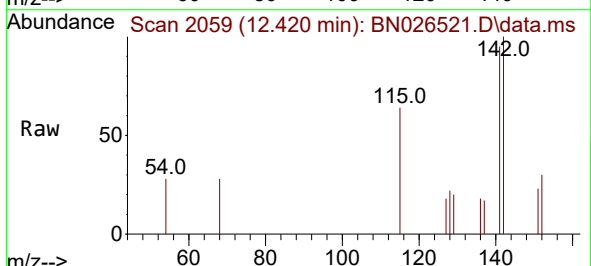
Acq: 15 Jul 2023 20:47

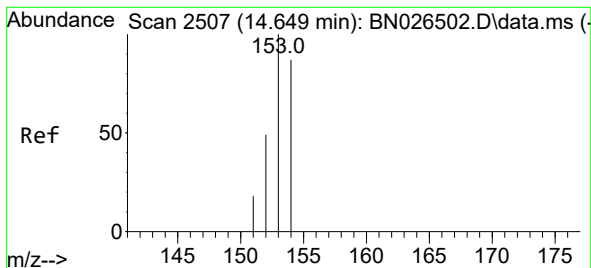
Tgt Ion:142 Resp: 602

Ion Ratio Lower Upper

142 100

141 94.5 72.3 108.5





#11

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.644 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

Instrument :

BNA_N

ClientSampleId :

A46J4

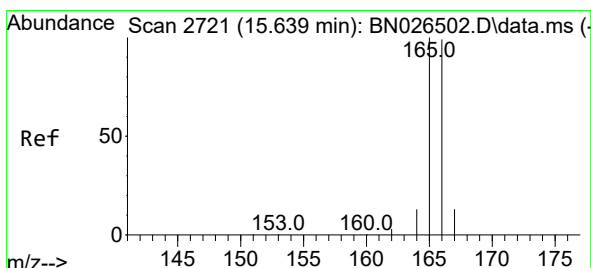
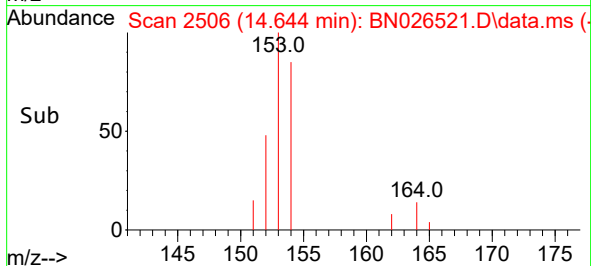
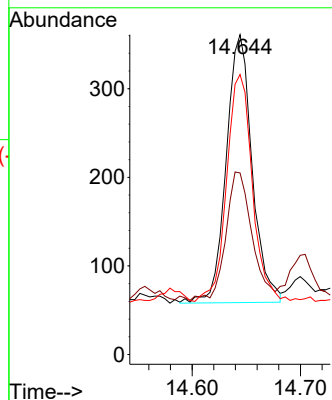
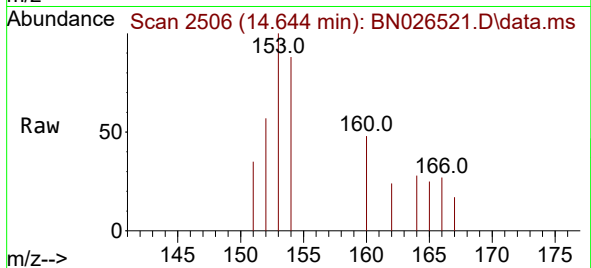
Tgt Ion:153 Resp: 504

Ion Ratio Lower Upper

153 100

152 56.8 40.2 60.4

154 87.5 69.3 103.9



#12

Fluorene

Concen: 0.022 ng/ul

RT: 15.630 min Scan# 2719

Delta R.T. -0.009 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

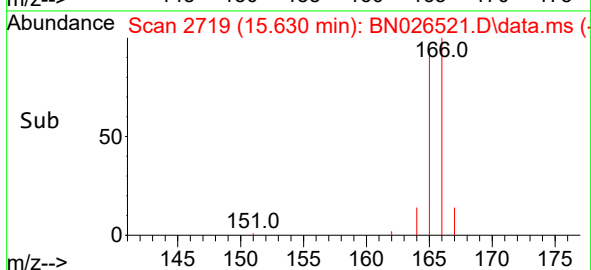
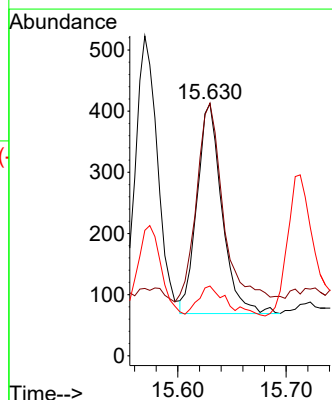
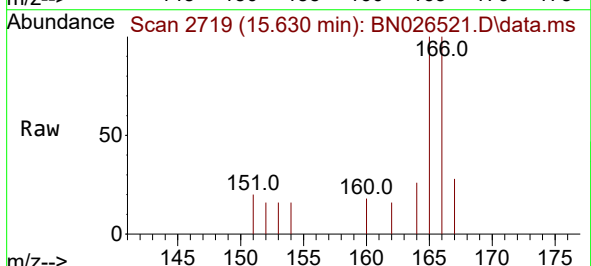
Tgt Ion:166 Resp: 548

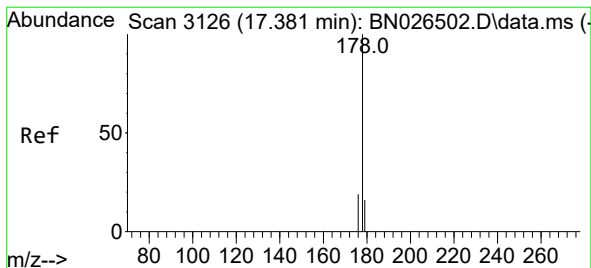
Ion Ratio Lower Upper

166 100

165 100.2 80.6 120.8

167 27.7 12.0 18.0#





#15

Phenanthrene

Concen: 0.307 ng/ul

RT: 17.368 min Scan# 3123

Delta R.T. -0.013 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

Instrument :

BNA_N

ClientSampleId :

A46J4

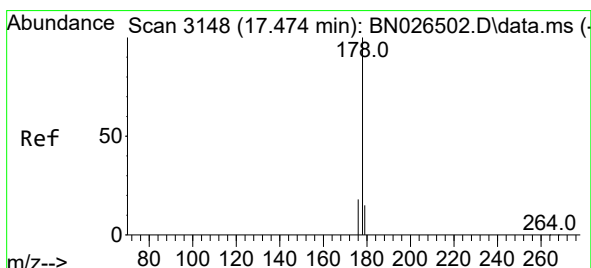
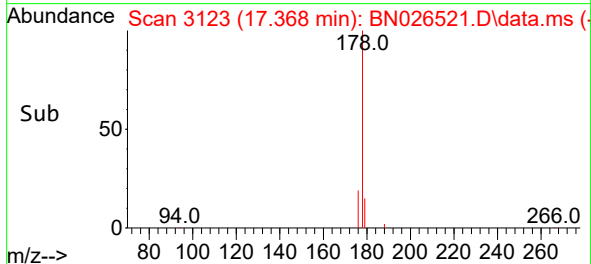
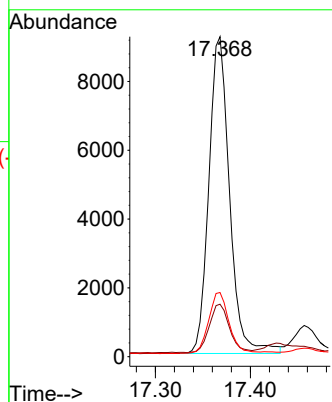
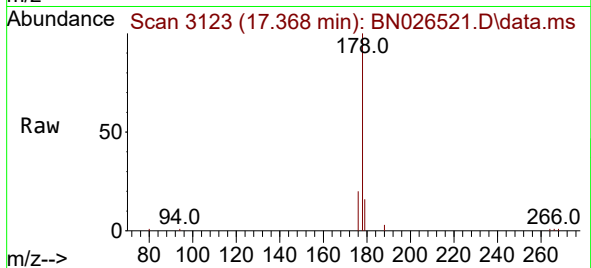
Tgt Ion:178 Resp: 13989

Ion Ratio Lower Upper

178 100

179 16.4 13.7 20.5

176 20.1 16.5 24.7



#16

Anthracene

Concen: 0.024 ng/ul

RT: 17.457 min Scan# 3144

Delta R.T. -0.017 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

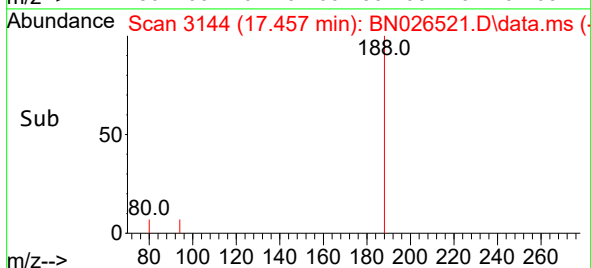
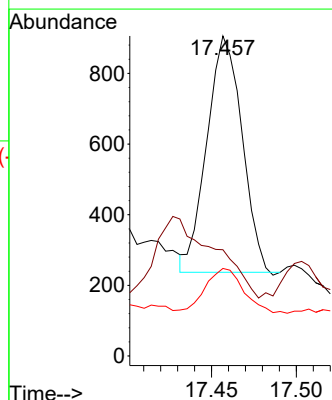
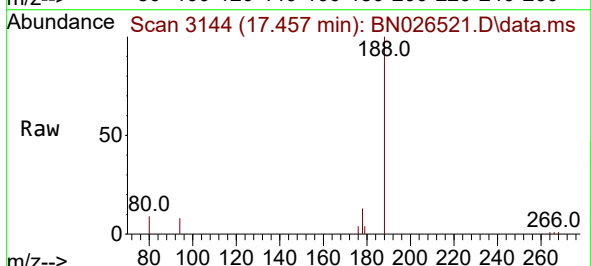
Tgt Ion:178 Resp: 963

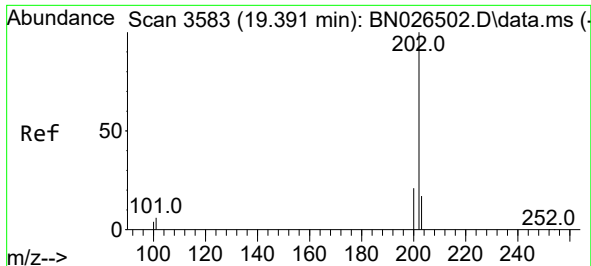
Ion Ratio Lower Upper

178 100

179 33.2 14.8 22.2#

176 27.4 16.6 25.0#

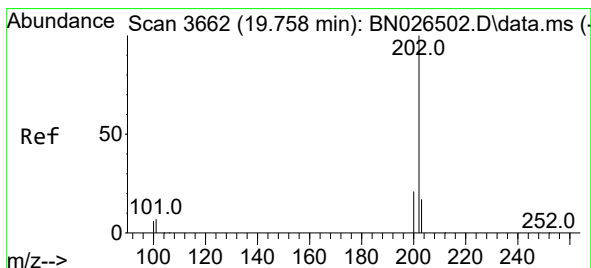
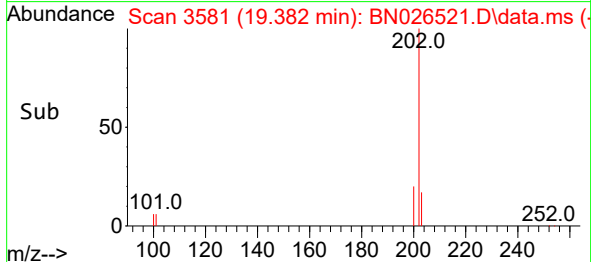
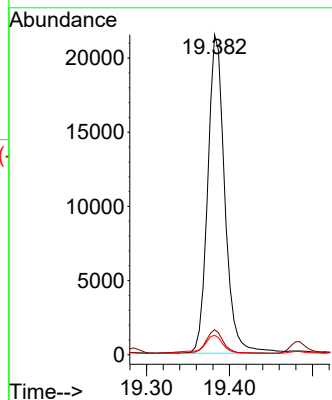
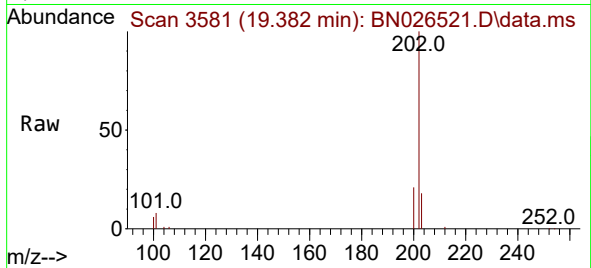




#19
Fluoranthene
Concen: 0.569 ng/ul
RT: 19.382 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026521.D
Acq: 15 Jul 2023 20:47

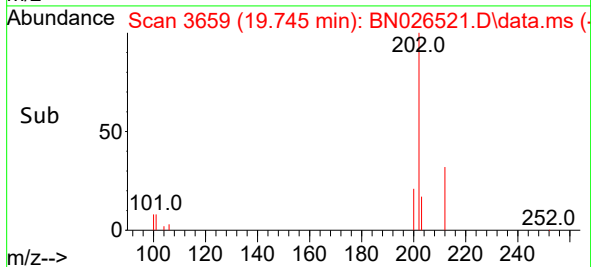
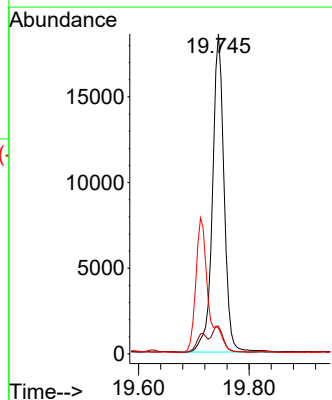
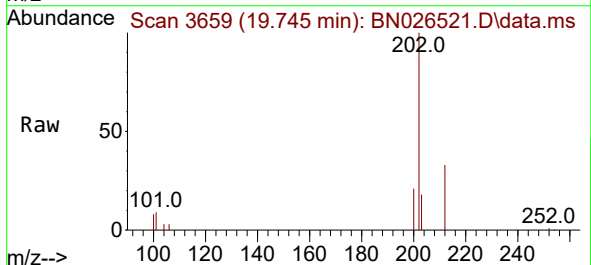
Instrument :
BNA_N
ClientSampleId :
A46J4

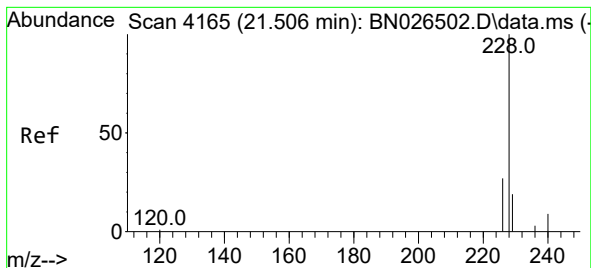
Tgt Ion:202 Resp: 30676
Ion Ratio Lower Upper
202 100
101 7.8 7.0 10.4
100 6.1 6.0 9.0



#20
Pyrene
Concen: 0.463 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.014 min
Lab File: BN026521.D
Acq: 15 Jul 2023 20:47

Tgt Ion:202 Resp: 27107
Ion Ratio Lower Upper
202 100
101 8.7 8.0 12.0
100 8.1 6.2 9.2





#21

Benzo(a)anthracene

Concen: 0.219 ng/ul

RT: 21.497 min Scan# 4165

Delta R.T. -0.009 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

Instrument :

BNA_N

ClientSampleId :

A46J4

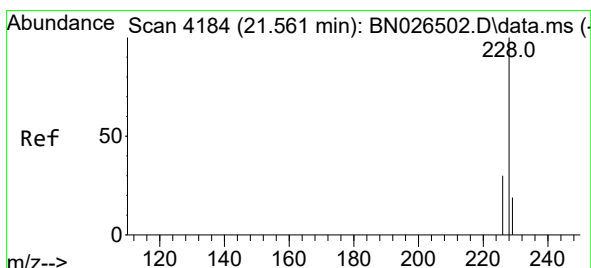
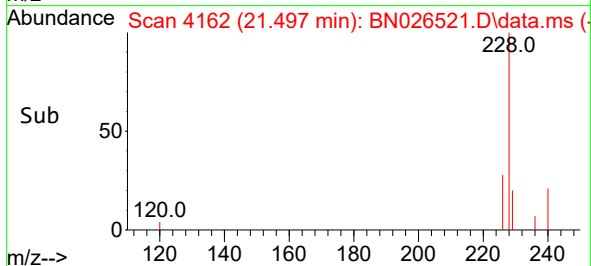
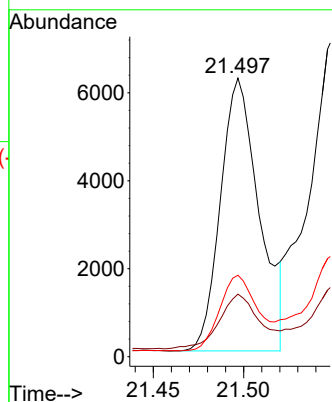
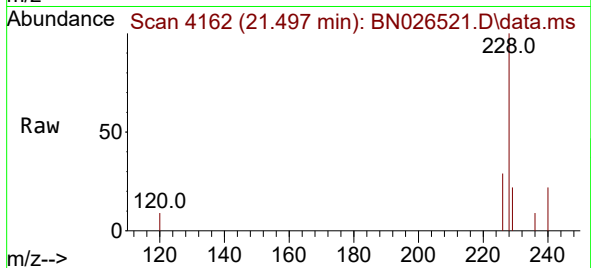
Tgt Ion:228 Resp: 9260

Ion Ratio Lower Upper

228 100

229 22.5 16.7 25.1

226 29.2 23.5 35.3



#22

Chrysene

Concen: 0.247 ng/ul

RT: 21.552 min Scan# 4181

Delta R.T. -0.009 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

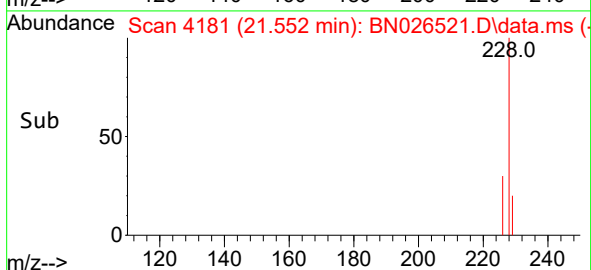
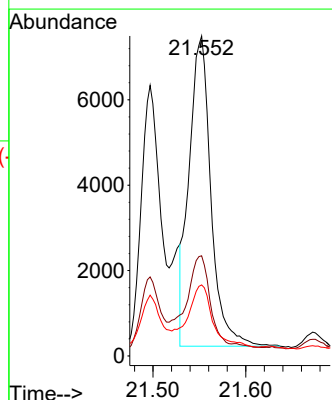
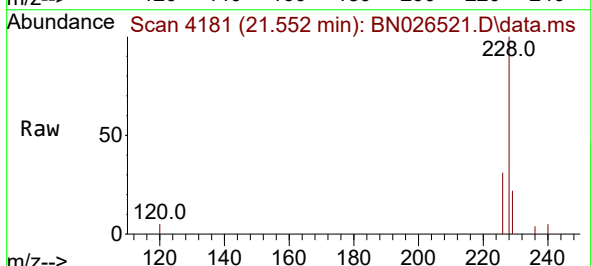
Tgt Ion:228 Resp: 11899

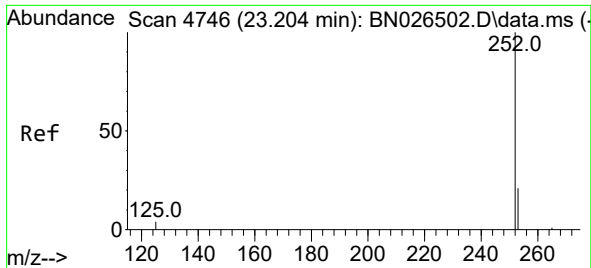
Ion Ratio Lower Upper

228 100

226 31.3 25.2 37.8

229 22.2 16.4 24.6

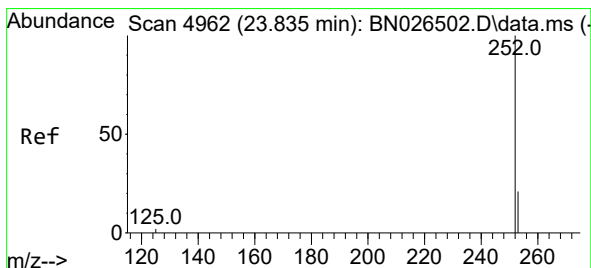
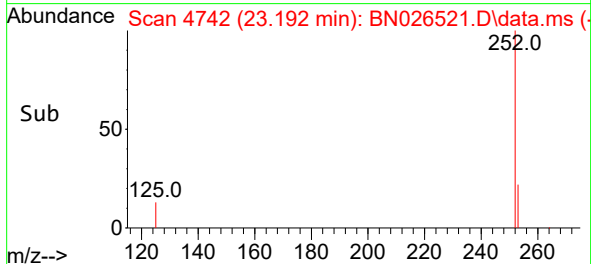
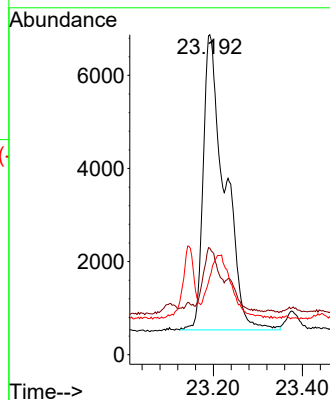
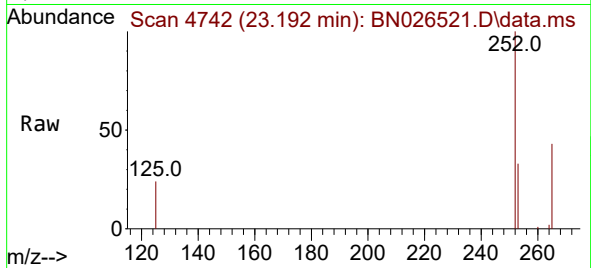




#24
Benzo(b)fluoranthene
Concen: 0.507 ng/ul
RT: 23.192 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026521.D
Acq: 15 Jul 2023 20:47

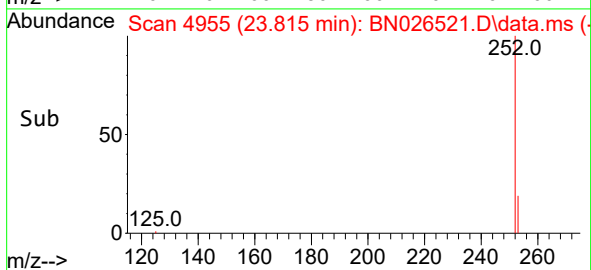
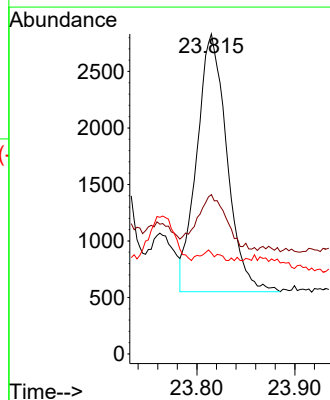
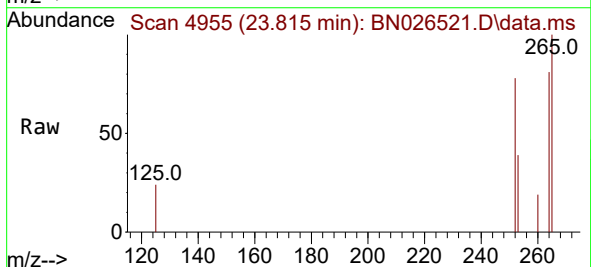
Instrument :
BNA_N
ClientSampleId :
A46J4

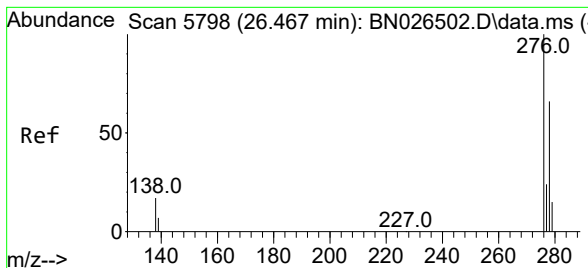
Tgt Ion:252 Resp: 21269
Ion Ratio Lower Upper
252 100
253 33.3 0.0 68.6
125 24.3 0.0 34.0



#26
Benzo(a)pyrene
Concen: 0.130 ng/ul
RT: 23.815 min Scan# 4955
Delta R.T. -0.020 min
Lab File: BN026521.D
Acq: 15 Jul 2023 20:47

Tgt Ion:252 Resp: 4862
Ion Ratio Lower Upper
252 100
253 49.8 32.6 49.0#
125 31.5 19.3 28.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.139 ng/ul

RT: 26.440 min Scan# 51

Delta R.T. -0.027 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

Instrument :

BNA_N

ClientSampleId :

A46J4

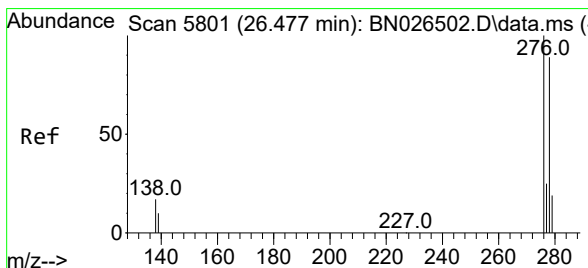
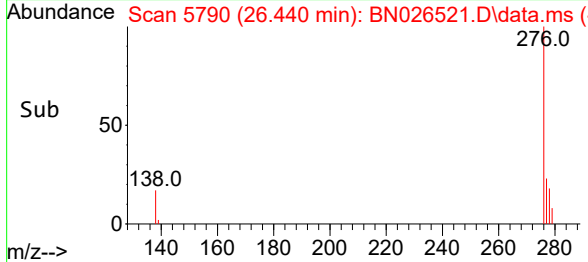
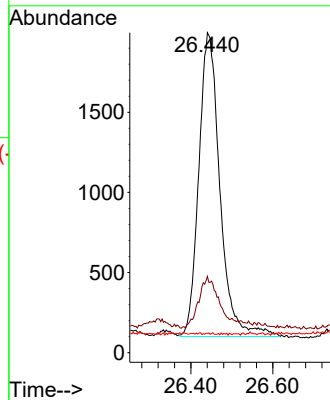
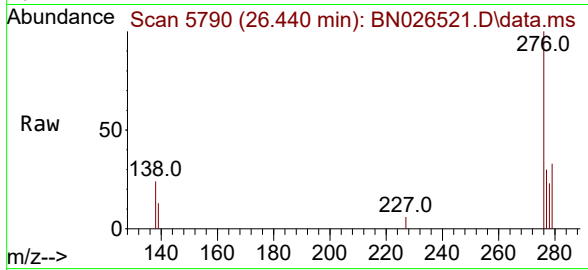
Tgt Ion:276 Resp: 6789

Ion Ratio Lower Upper

276 100

138 17.6 22.2 33.4#

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

RT: 26.450 min Scan# 5793

Delta R.T. -0.027 min

Lab File: BN026521.D

Acq: 15 Jul 2023 20:47

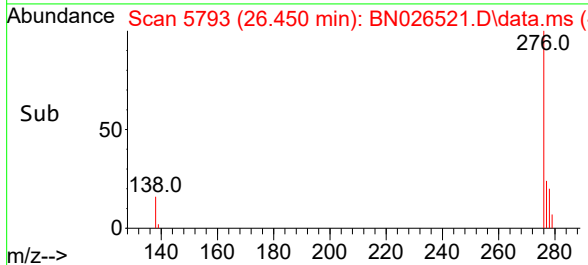
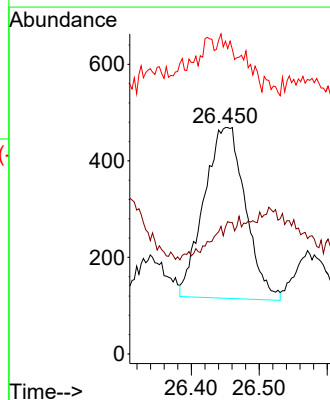
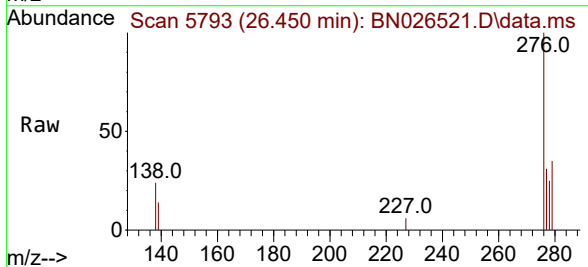
Tgt Ion:278 Resp: 1504

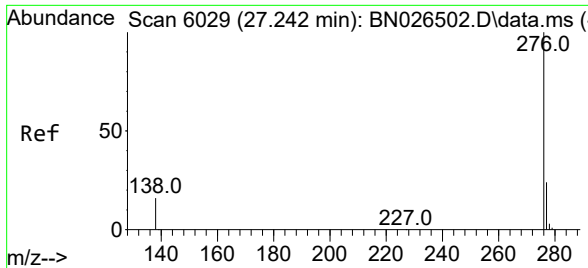
Ion Ratio Lower Upper

278 100

139 56.1 18.9 28.3#

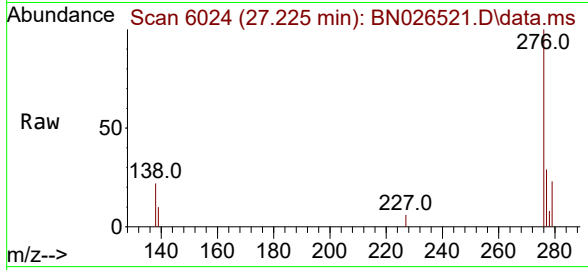
279 138.2 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.156 ng/ul
 RT: 27.225 min Scan# 60
 Delta R.T. -0.017 min
 Lab File: BN026521.D
 Acq: 15 Jul 2023 20:47

Instrument :
 BNA_N
 ClientSampleId :
 A46J4



Tgt Ion: 276 Resp: 6724

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.6	34.0#
277	29.1	21.8	32.8

