

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026547.D
 Acq On : 17 Jul 2023 21:30
 Operator : MA/JU
 Sample : 03458-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46L9

Quant Time: Jul 18 04:22:37 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)

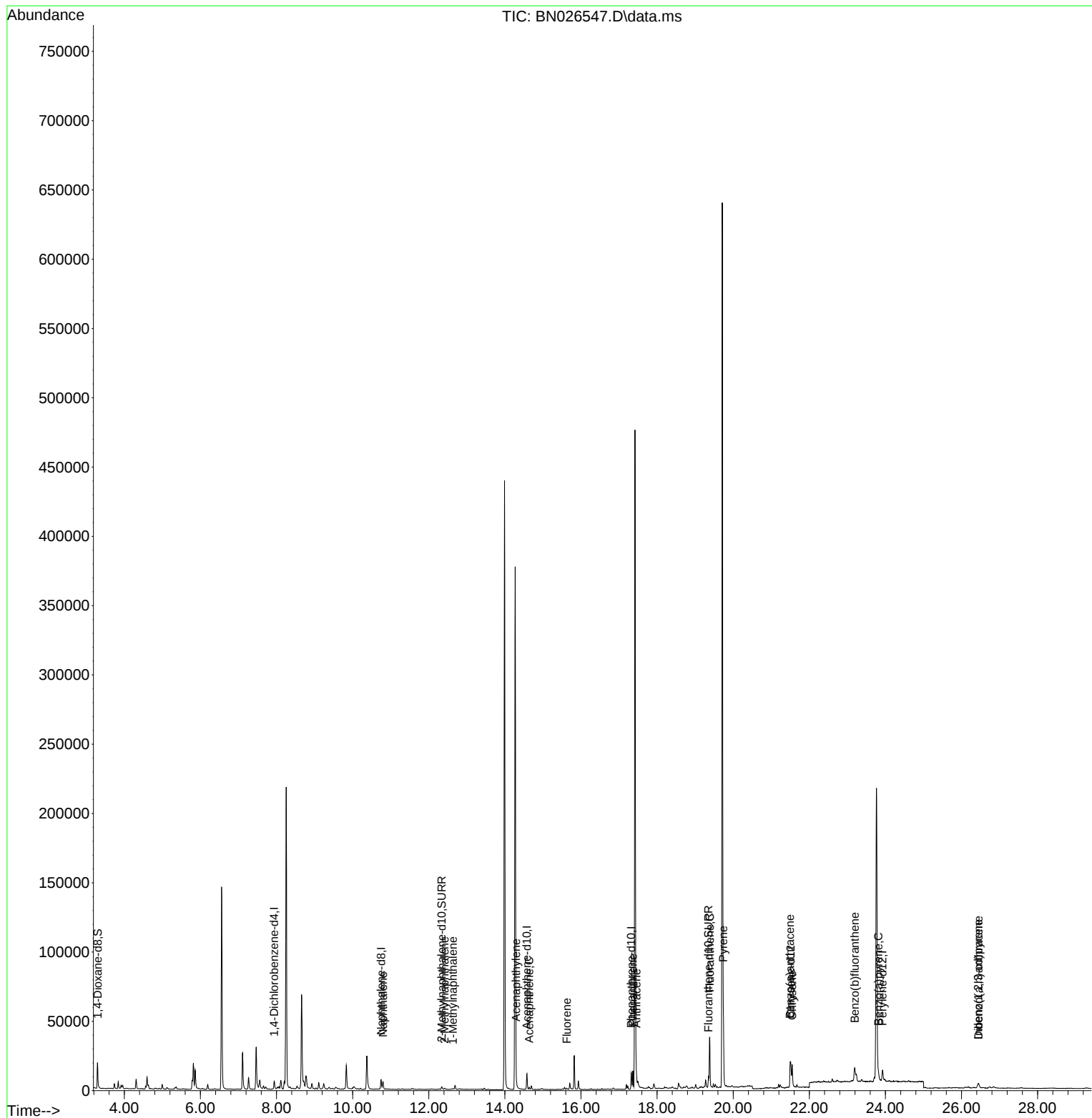
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	3321	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	10442	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	6615	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	15950	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	12239	0.400	ng/ul	# 0.00
23) Perylene-d12	23.923	264	11606	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	12440	2.844	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	3076	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	9156	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	8278	0.289	ng/ul	99
7) 2-Methylnaphthalene	12.414	142	724	0.045	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	447	0.026	ng/ul	97
10) Acenaphthylene	14.297	152	1678	0.052	ng/ul#	80
11) Acenaphthene	14.640	153	955	0.039	ng/ul	94
12) Fluorene	15.625	166	700	0.027	ng/ul#	91
15) Phenanthrene	17.364	178	13733	0.270	ng/ul	99
16) Anthracene	17.457	178	3173	0.072	ng/ul#	94
19) Fluoranthene	19.382	202	35370	0.617	ng/ul#	96
20) Pyrene	19.740	202	41584	0.667	ng/ul	98
21) Benzo(a)anthracene	21.494	228	15370	0.342	ng/ul#	94
22) Chrysene	21.549	228	19125	0.374	ng/ul#	95
24) Benzo(b)fluoranthene	23.192	252	26434	0.585	ng/ul	96
26) Benzo(a)pyrene	23.815	252	6515	0.162	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.437	276	6241	0.118	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.450	278	2175	0.054	ng/ul#	19

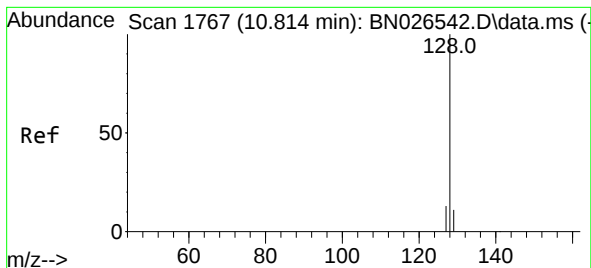
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 04:22:37 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





#5

Naphthalene

Concen: 0.289 ng/ul

RT: 10.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN026547.D

Acq: 17 Jul 2023 21:30

Instrument :

BNA_N

ClientSampleId :

A46L9

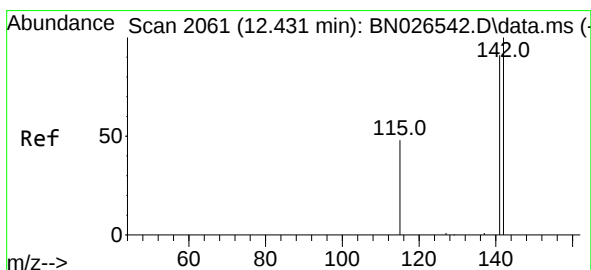
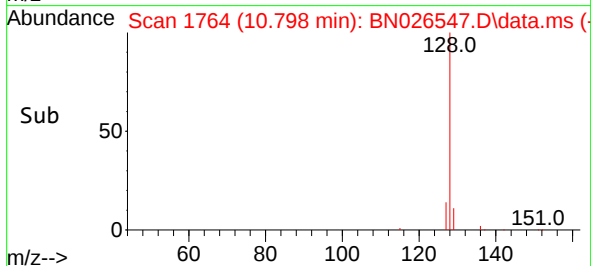
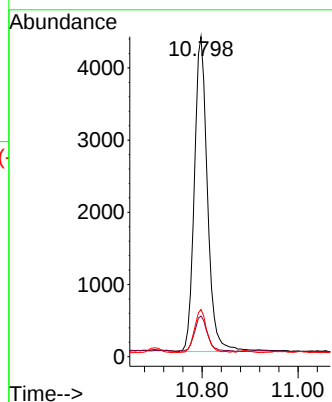
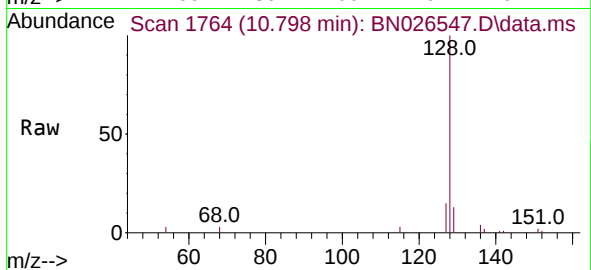
Tgt Ion:128 Resp: 8278

Ion Ratio Lower Upper

128 100

129 12.7 10.2 15.2

127 14.7 11.4 17.0



#7

2-Methylnaphthalene

Concen: 0.045 ng/ul

RT: 12.414 min Scan# 2058

Delta R.T. -0.005 min

Lab File: BN026547.D

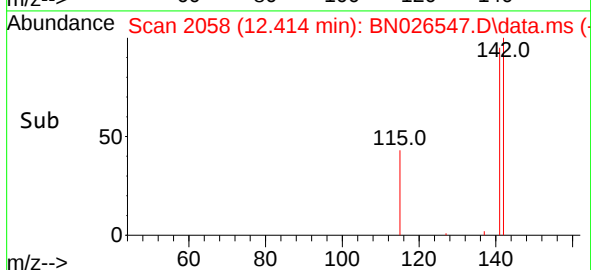
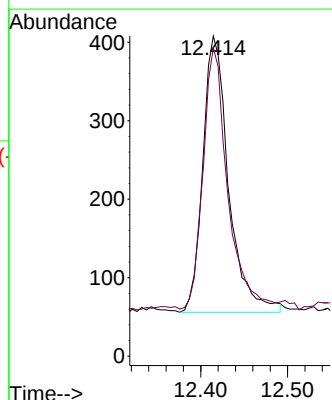
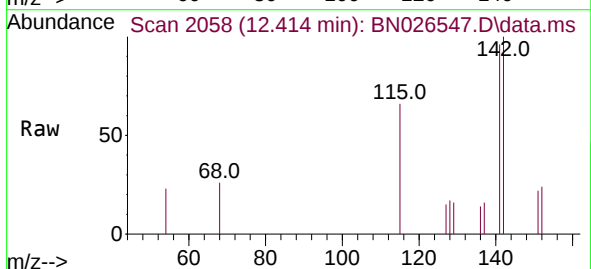
Acq: 17 Jul 2023 21:30

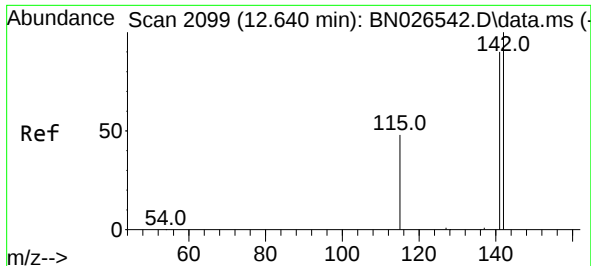
Tgt Ion:142 Resp: 724

Ion Ratio Lower Upper

142 100

141 90.5 72.3 108.5

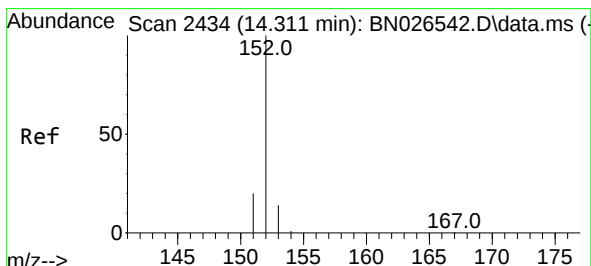
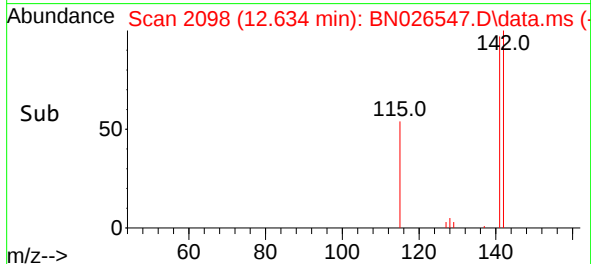
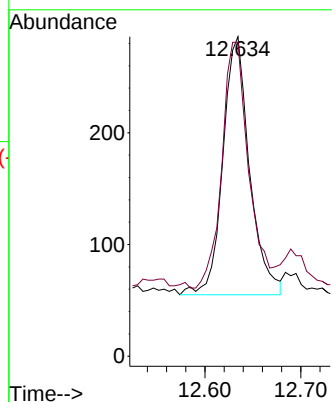
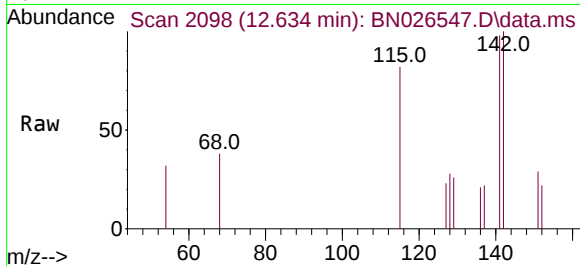




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

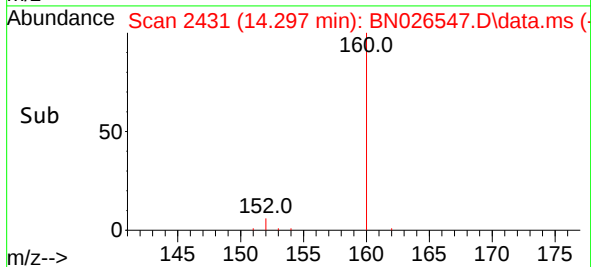
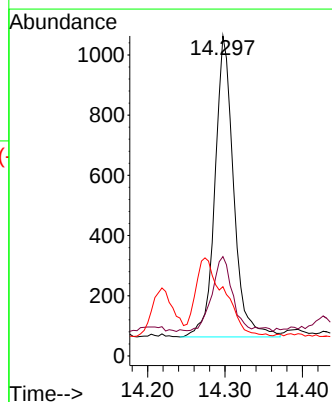
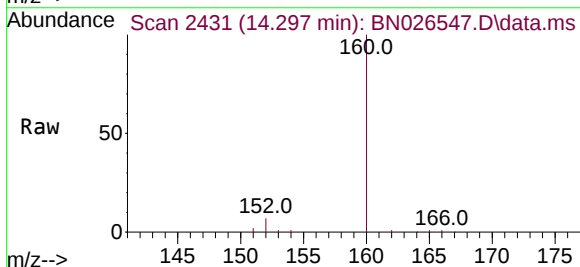
Instrument :
BNA_N
ClientSampleId :
A46L9

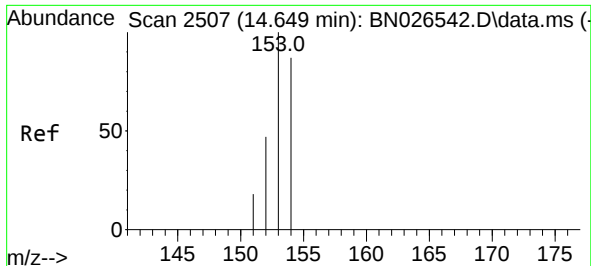
Tgt Ion:142 Resp: 447
Ion Ratio Lower Upper
142 100
141 95.7 74.5 111.7



#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

Tgt Ion:152 Resp: 1678
Ion Ratio Lower Upper
152 100
151 31.0 17.0 25.6#
153 21.6 11.4 17.2#

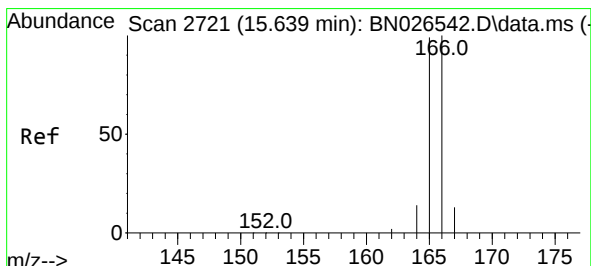
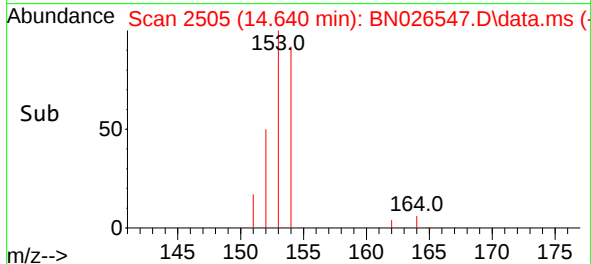
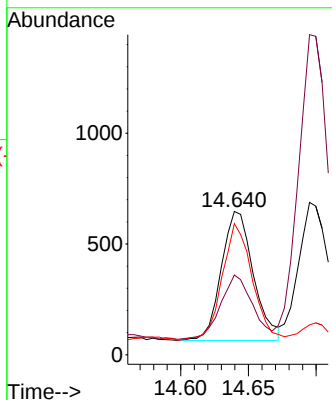
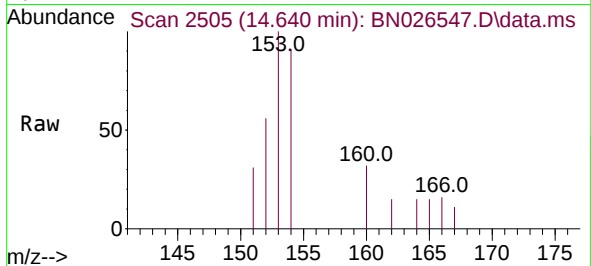




#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.640 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

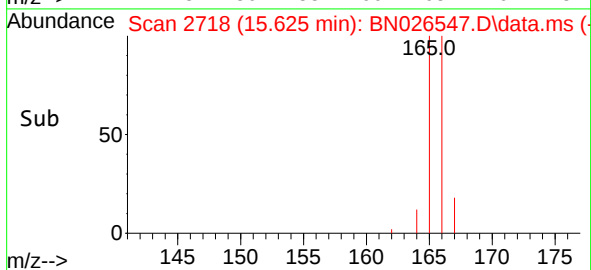
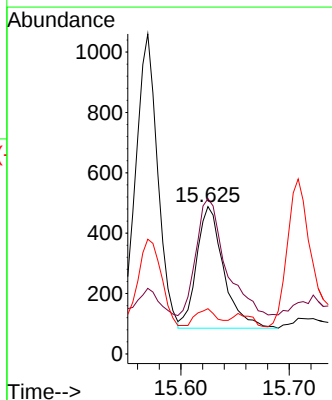
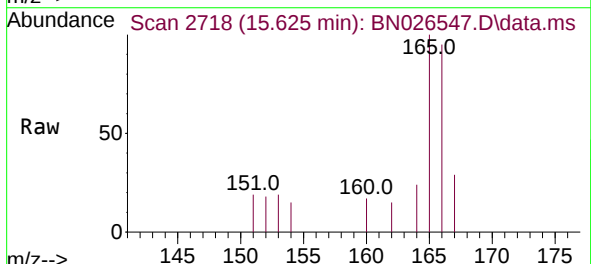
Instrument :
BNA_N
ClientSampleId :
A46L9

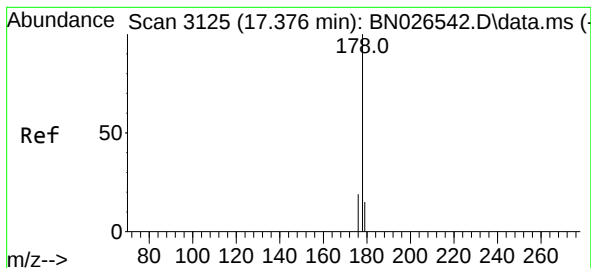
Tgt Ion:153 Resp: 955
Ion Ratio Lower Upper
153 100
152 55.6 40.2 60.4
154 91.5 69.3 103.9



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

Tgt Ion:166 Resp: 700
Ion Ratio Lower Upper
166 100
165 105.3 80.6 120.8
167 30.7 12.0 18.0#





#15

Phenanthrene

Concen: 0.270 ng/ul

RT: 17.364 min Scan# 3122

Delta R.T. -0.008 min

Lab File: BN026547.D

Acq: 17 Jul 2023 21:30

Instrument :

BNA_N

ClientSampleId :

A46L9

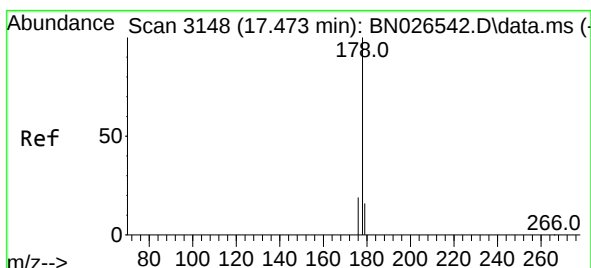
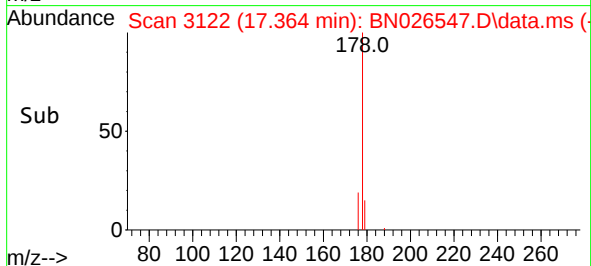
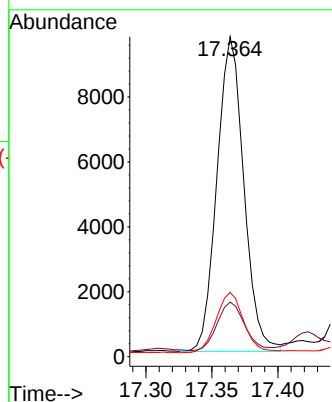
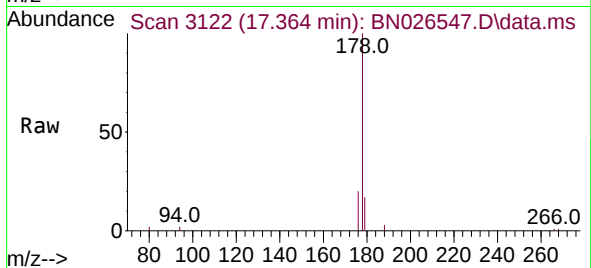
Tgt Ion:178 Resp: 13733

Ion Ratio Lower Upper

178 100

179 17.1 13.7 20.5

176 20.1 16.5 24.7



#16

Anthracene

Concen: 0.072 ng/ul

RT: 17.457 min Scan# 3144

Delta R.T. -0.008 min

Lab File: BN026547.D

Acq: 17 Jul 2023 21:30

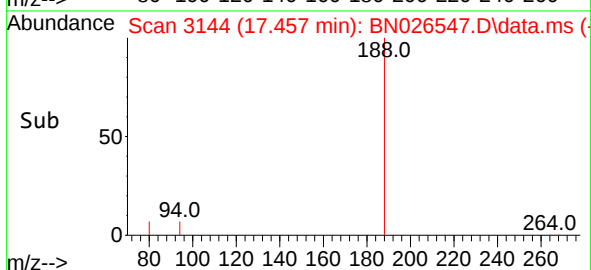
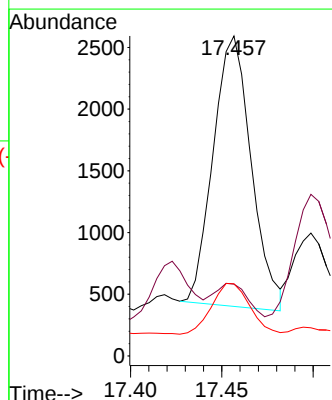
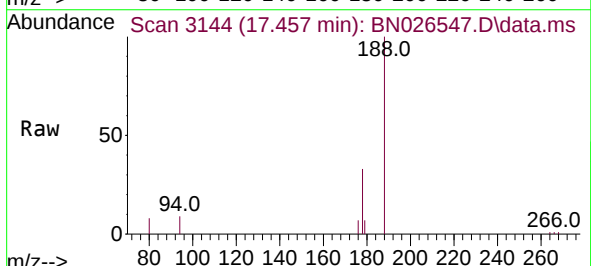
Tgt Ion:178 Resp: 3173

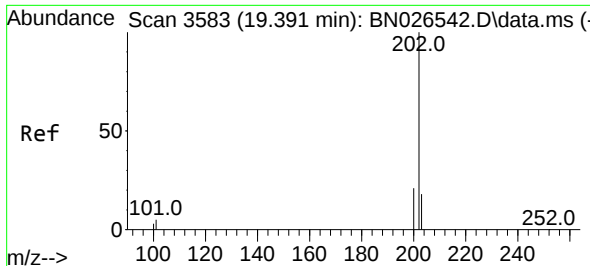
Ion Ratio Lower Upper

178 100

179 22.4 14.8 22.2#

176 22.5 16.6 25.0

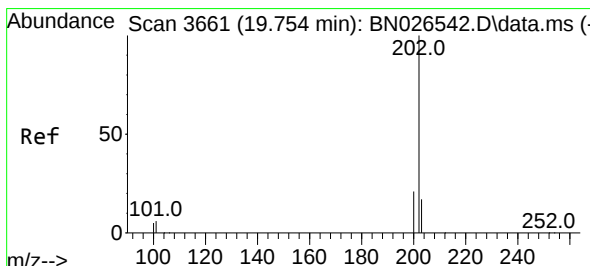
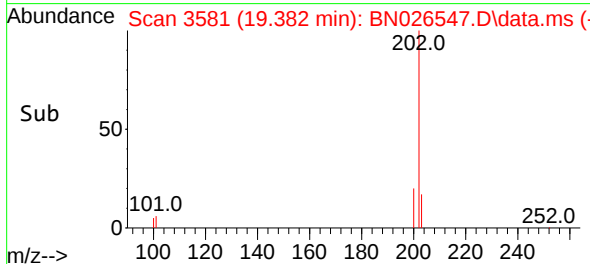
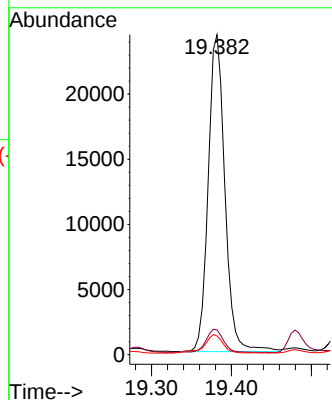
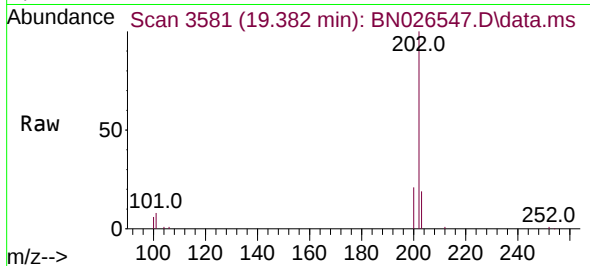




#19
Fluoranthene
Concen: 0.617 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

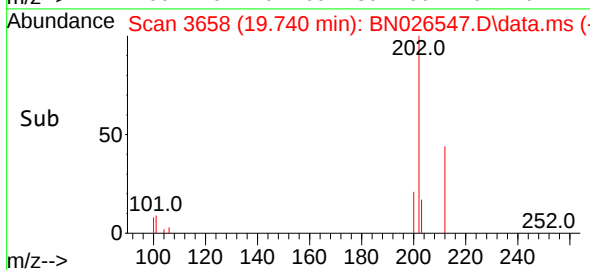
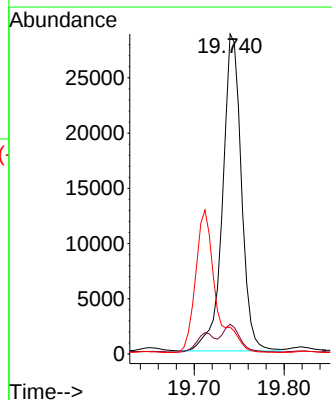
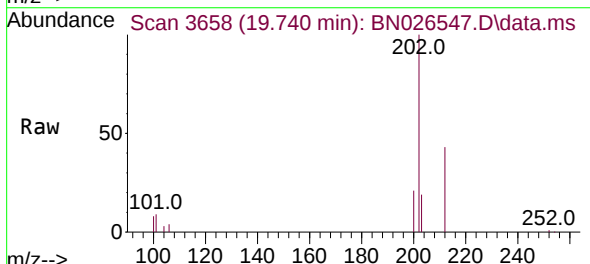
Instrument :
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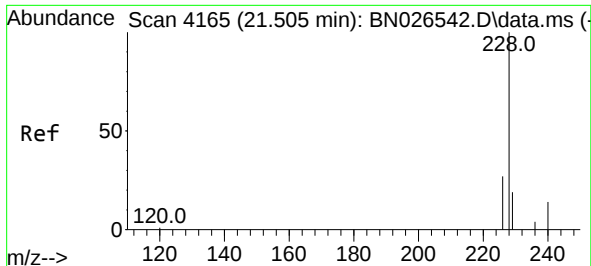
Tgt Ion:202 Resp: 35370
Ion Ratio Lower Upper
202 100
101 7.8 7.0 10.4
100 5.8 6.0 9.0#



#20
Pyrene
Concen: 0.667 ng/ul
RT: 19.740 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

Tgt Ion:202 Resp: 41584
Ion Ratio Lower Upper
202 100
101 9.3 8.0 12.0
100 8.4 6.2 9.2

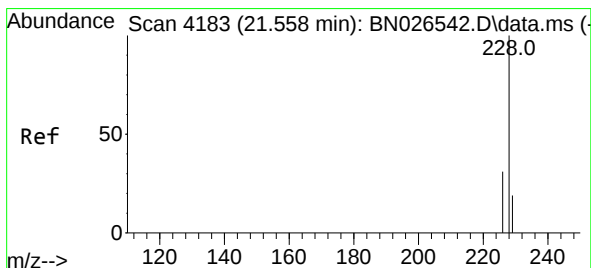
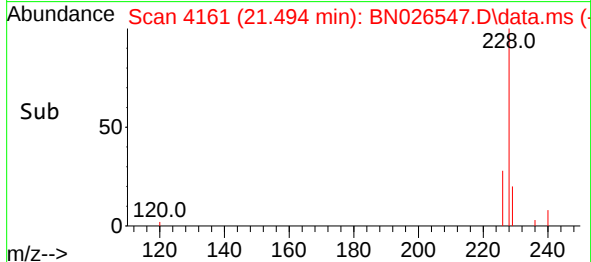
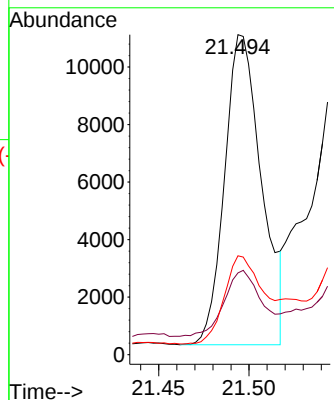
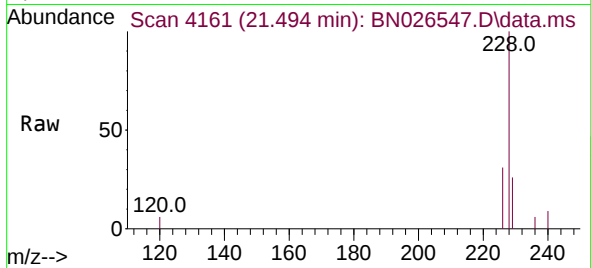




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.494 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

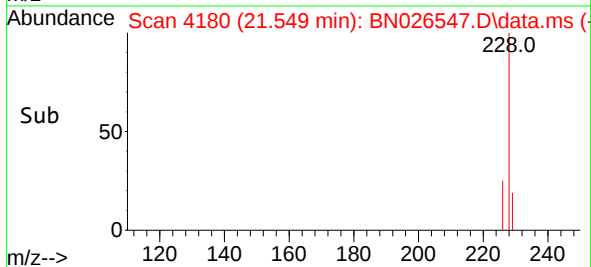
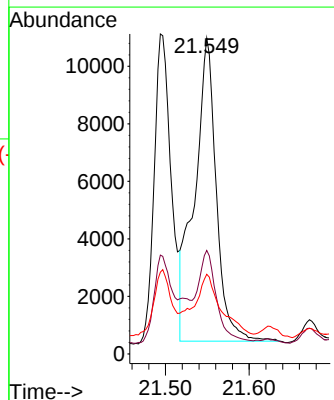
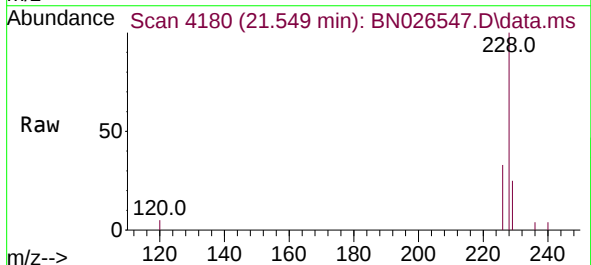
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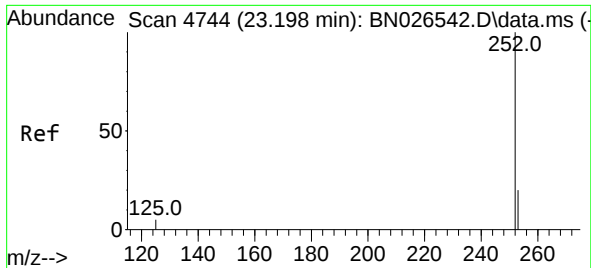
Tgt Ion:228 Resp: 15370
Ion Ratio Lower Upper
228 100
229 25.5 16.7 25.1#
226 30.9 23.5 35.3



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.009 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

Tgt Ion:228 Resp: 19125
Ion Ratio Lower Upper
228 100
226 32.8 25.2 37.8
229 25.2 16.4 24.6#

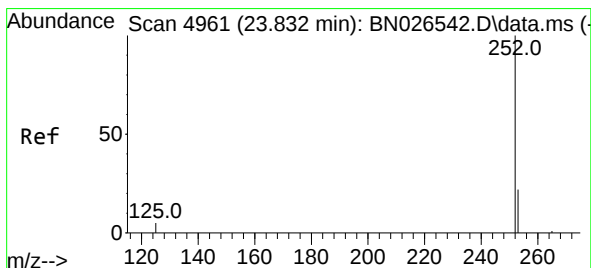
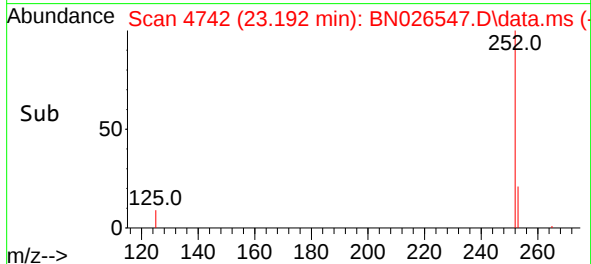
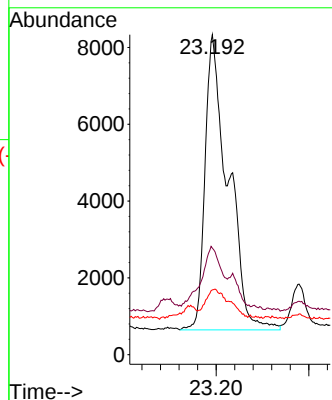
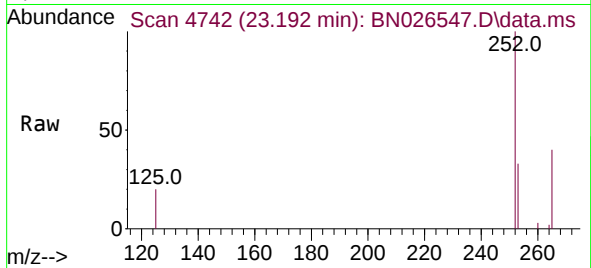




#24
Benzo(b)fluoranthene
Concen: 0.585 ng/ul
RT: 23.192 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

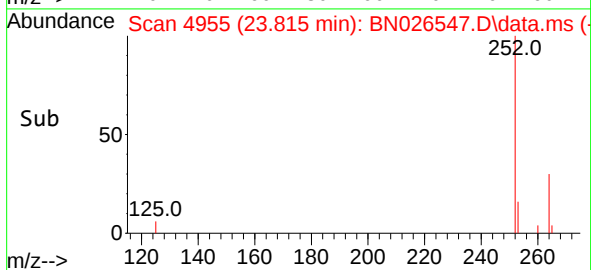
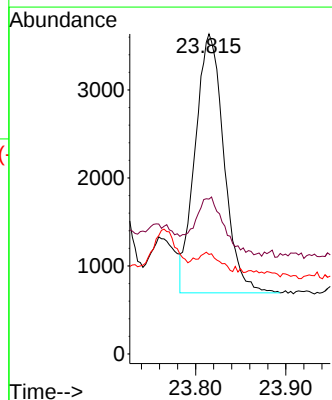
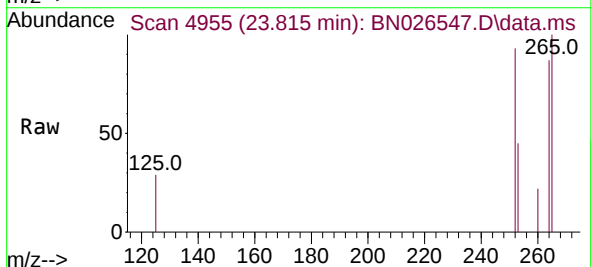
Instrument :
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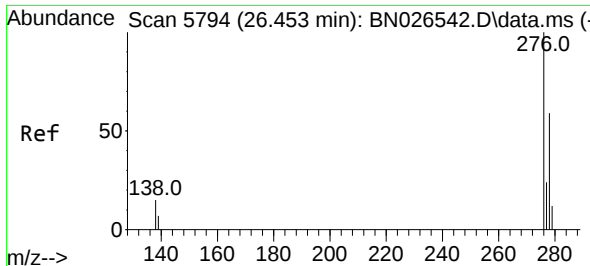
Tgt Ion:252 Resp: 26434
Ion Ratio Lower Upper
252 100
253 33.3 0.0 68.6
125 20.3 0.0 34.0



#26
Benzo(a)pyrene
Concen: 0.162 ng/ul
RT: 23.815 min Scan# 4955
Delta R.T. -0.012 min
Lab File: BN026547.D
Acq: 17 Jul 2023 21:30

Tgt Ion:252 Resp: 6515
Ion Ratio Lower Upper
252 100
253 48.4 32.6 49.0
125 31.1 19.3 28.9#

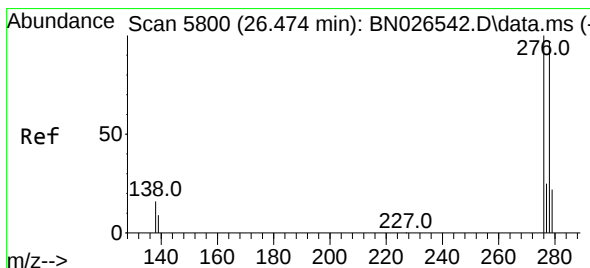
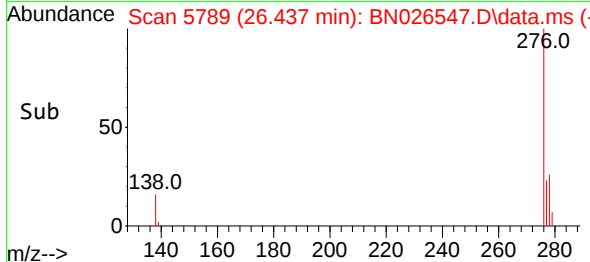
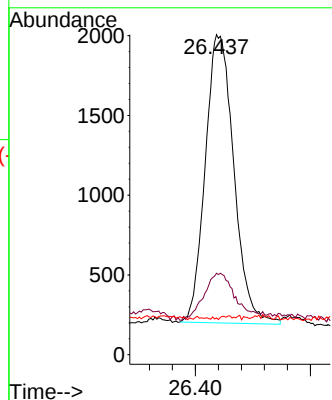
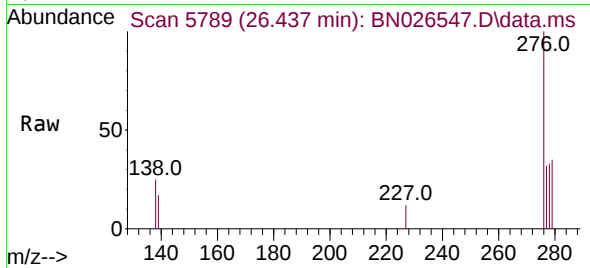




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.118 ng/ul
 RT: 26.437 min Scan# 5789
 Delta R.T. -0.017 min
 Lab File: BN026547.D
 Acq: 17 Jul 2023 21:30

Instrument :
 BNA_N
 ClientSampleId :
 A46L9

Tgt Ion:276 Resp: 6241
 Ion Ratio Lower Upper
 276 100
 138 18.9 22.2 33.4#
 227 0.1 0.1 0.1



#28
 Dibenzo(a,h)anthracene
 Concen: 0.054 ng/ul
 RT: 26.450 min Scan# 5793
 Delta R.T. -0.017 min
 Lab File: BN026547.D
 Acq: 17 Jul 2023 21:30

Tgt Ion:278 Resp: 2175
 Ion Ratio Lower Upper
 278 100
 139 48.8 18.9 28.3#
 279 99.9 31.3 46.9#

