

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032055.D
 Acq On : 18 Jun 2024 21:32
 Operator : MA/JU
 Sample : P2696-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN8

Quant Time: Jun 18 22:56:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

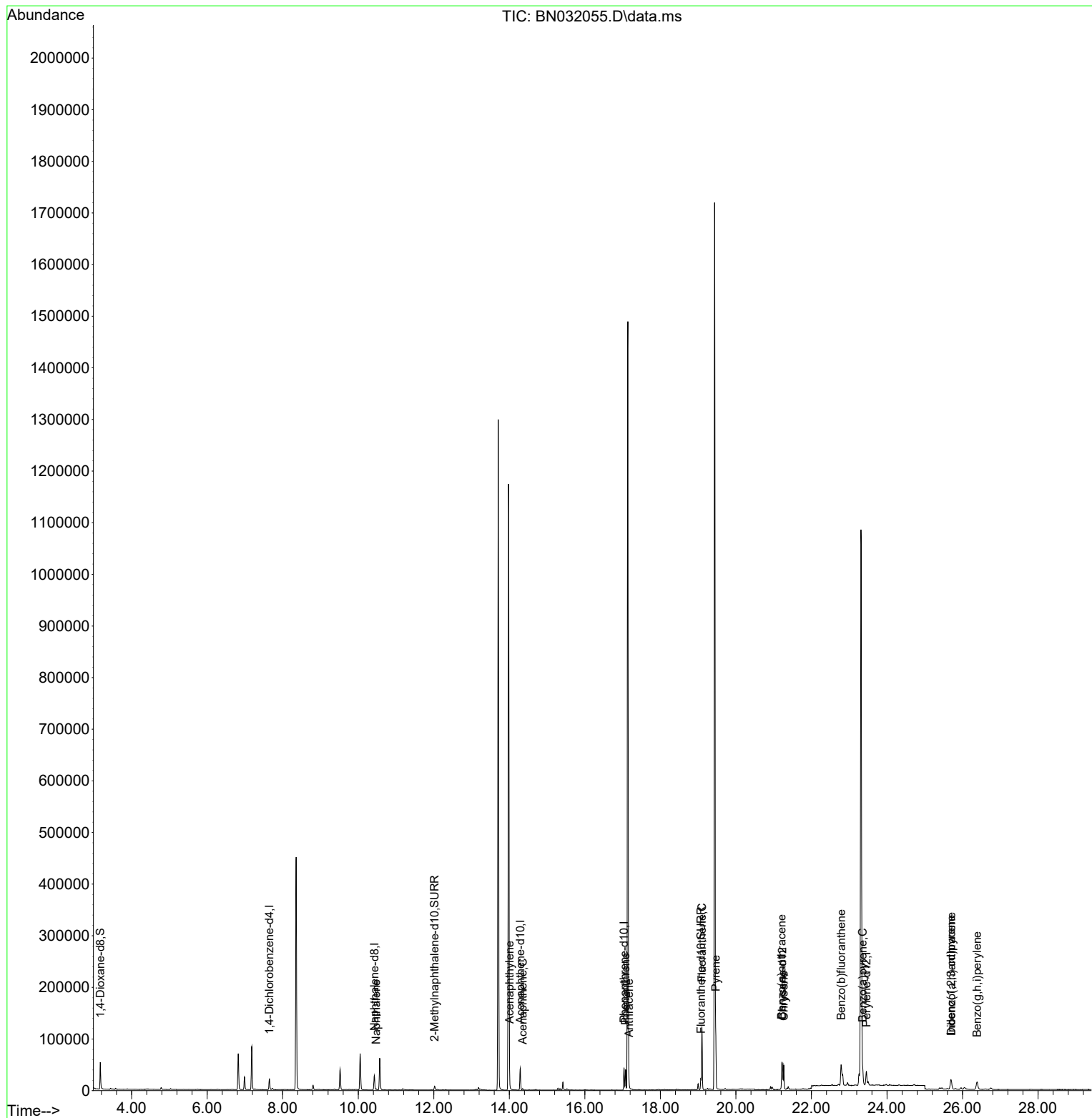
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.650	152	11020	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	39218	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	24260	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	50398	0.400	ng/ul	0.00
17) Chrysene-d12	21.232	240	36090	0.400	ng/ul	0.00
23) Perylene-d12	23.456	264	37615	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	35277	2.986	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	11954	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	24524	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	2777	0.027	ng/ul#	89
10) Acenaphthylene	14.008	152	3340	0.032	ng/ul#	87
11) Acenaphthene	14.355	153	1644	0.021	ng/ul	99
15) Phenanthrene	17.079	178	42282	0.298	ng/ul	99
16) Anthracene	17.172	178	7166	0.056	ng/ul#	92
19) Fluoranthene	19.101	202	100079	0.753	ng/ul	100
20) Pyrene	19.468	202	84676	0.608	ng/ul	98
21) Benzo(a)anthracene	21.214	228	39254	0.284	ng/ul	97
22) Chrysene	21.267	228	46101	0.334	ng/ul	97
24) Benzo(b)fluoranthene	22.787	252	89540	0.542	ng/ul	94
26) Benzo(a)pyrene	23.357	252	36352	0.310	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.697	276	30989	0.196	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.703	278	8154	0.067	ng/ul#	71
29) Benzo(g,h,i)perylene	26.387	276	31090	0.247	ng/ul	97

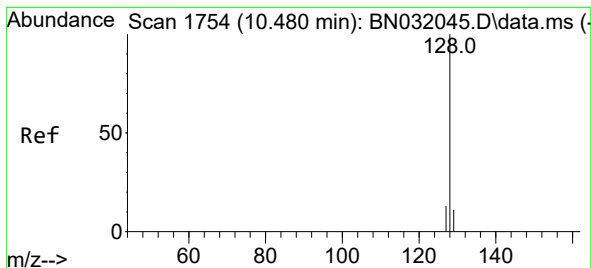
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.027 ng/ul

RT: 10.475 min Scan# 1753

Delta R.T. -0.005 min

Lab File: BN032055.D

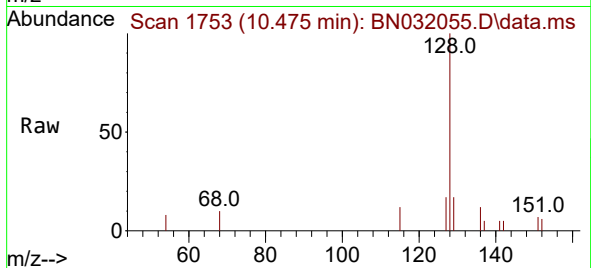
Acq: 18 Jun 2024 21:32

Instrument :

BNA_N

ClientSampleId :

A4BN8



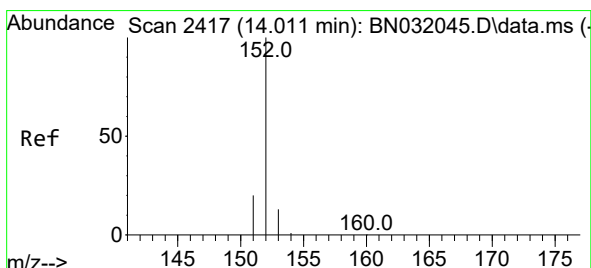
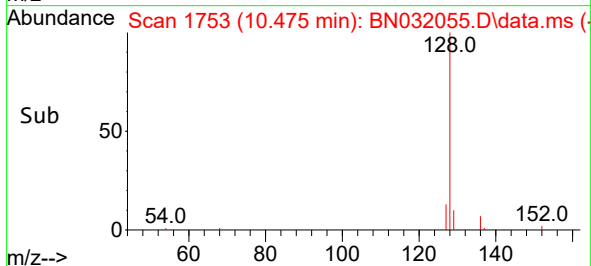
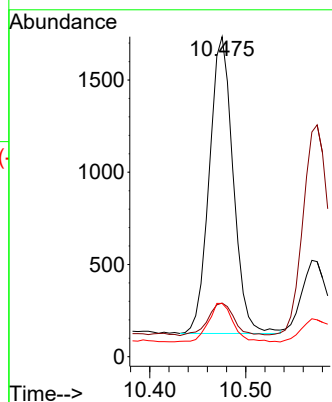
Tgt Ion:128 Resp: 2777

Ion Ratio Lower Upper

128 100

129 16.8 9.3 13.9#

127 16.7 10.3 15.5#



#10

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.008 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

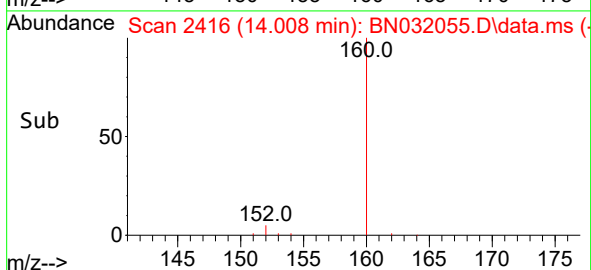
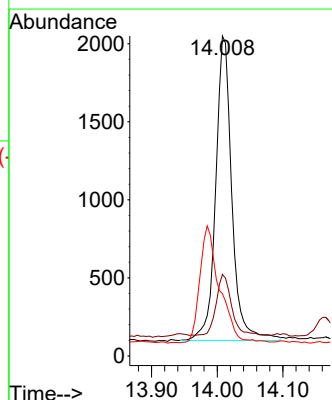
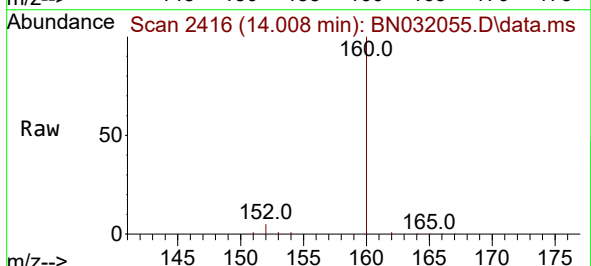
Tgt Ion:152 Resp: 3340

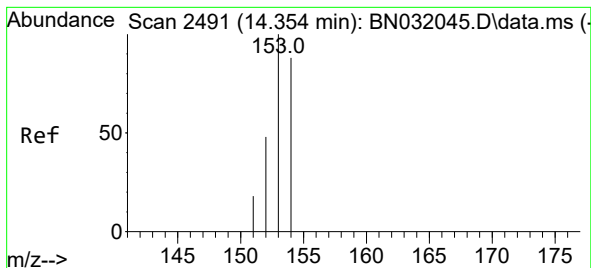
Ion Ratio Lower Upper

152 100

151 25.4 16.1 24.1#

153 19.4 10.6 16.0#





#11

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.355 min Scan# 2491

Delta R.T. 0.000 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

Instrument :

BNA_N

ClientSampleId :

A4BN8

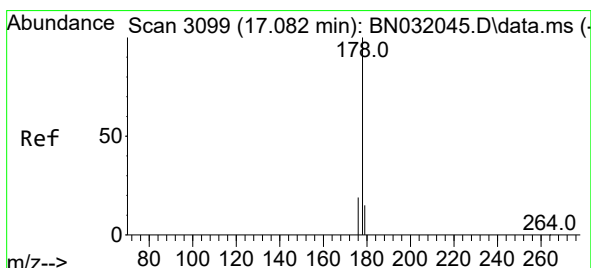
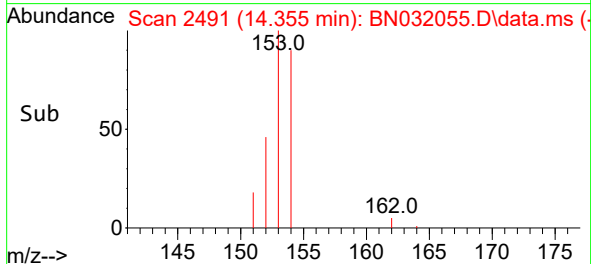
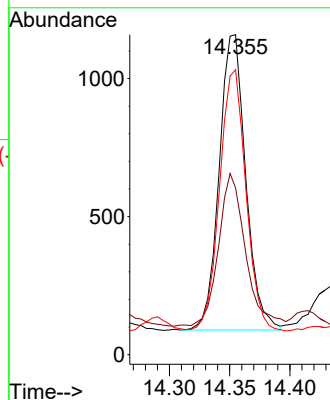
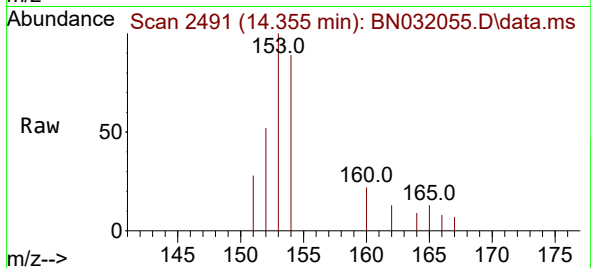
Tgt Ion:153 Resp: 1644

Ion Ratio Lower Upper

153 100

152 52.1 39.4 59.2

154 89.0 71.2 106.8



#15

Phenanthrene

Concen: 0.298 ng/ul

RT: 17.079 min Scan# 3098

Delta R.T. -0.004 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

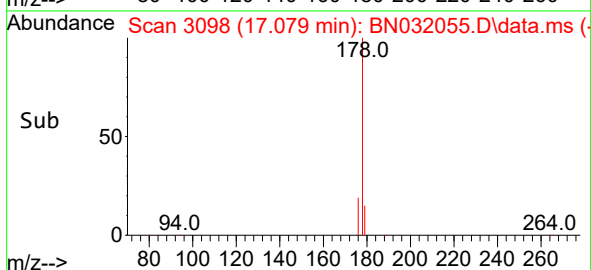
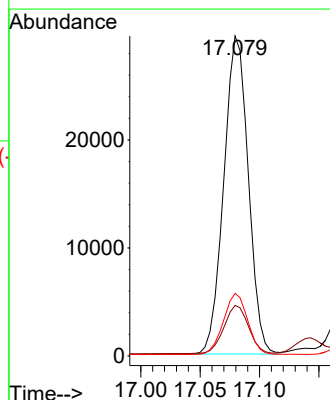
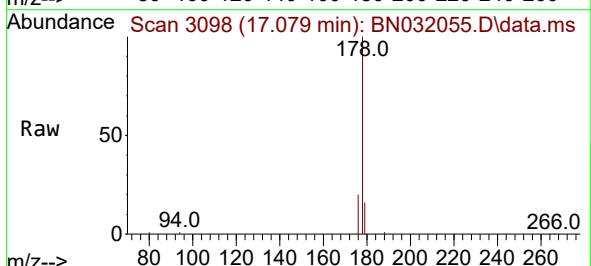
Tgt Ion:178 Resp: 42282

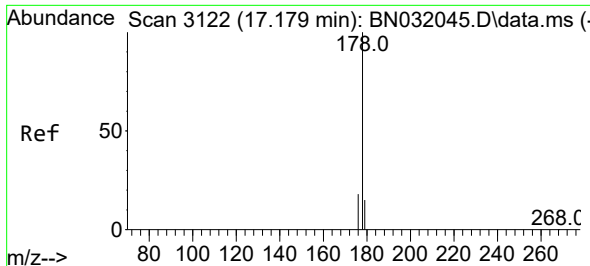
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.6 15.3 22.9

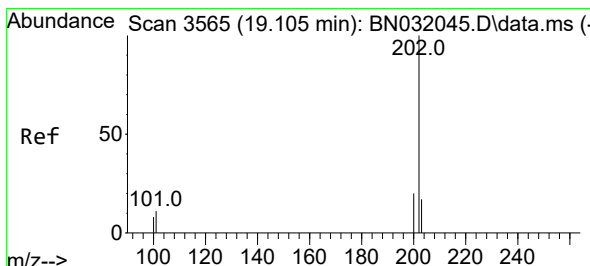
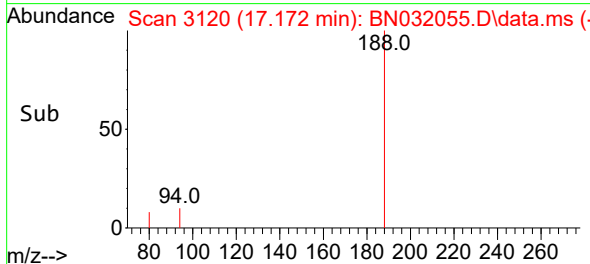
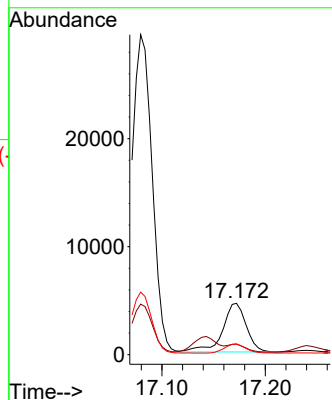
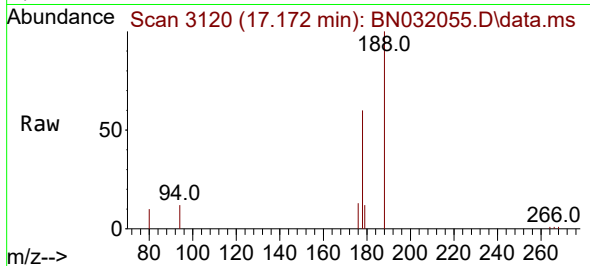




#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.172 min Scan# 3120
 Delta R.T. -0.004 min
 Lab File: BN032055.D
 Acq: 18 Jun 2024 21:32

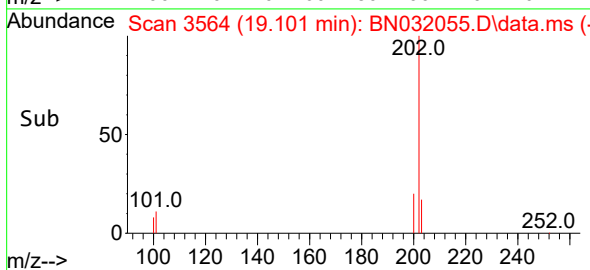
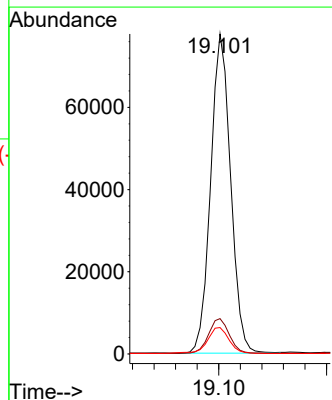
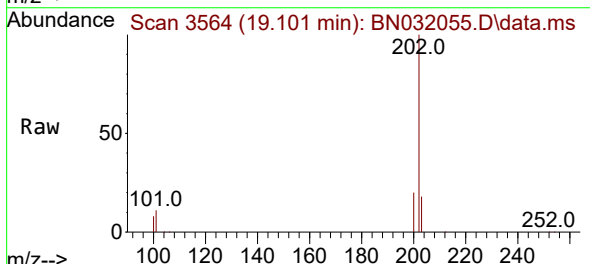
Instrument :
 BNA_N
 ClientSampleId :
 A4BN8

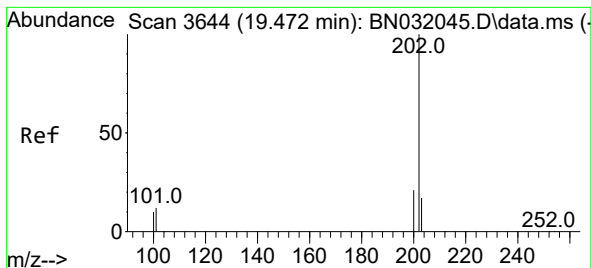
Tgt Ion:178 Resp: 7166
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.7 19.1#
 176 20.9 14.8 22.2



#19
 Fluoranthene
 Concen: 0.753 ng/ul
 RT: 19.101 min Scan# 3564
 Delta R.T. -0.004 min
 Lab File: BN032055.D
 Acq: 18 Jun 2024 21:32

Tgt Ion:202 Resp: 100079
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.8 13.2
 100 8.3 6.6 9.8





#20

Pyrene

Concen: 0.608 ng/ul

RT: 19.468 min Scan# 3

Delta R.T. 0.000 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

Instrument :

BNA_N

ClientSampleId :

A4BN8

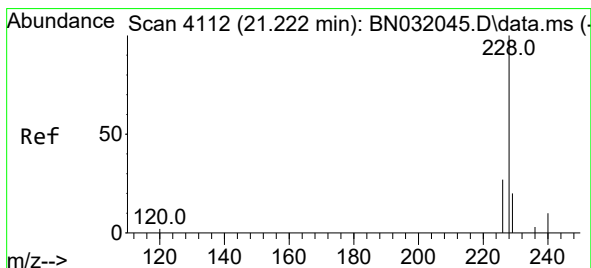
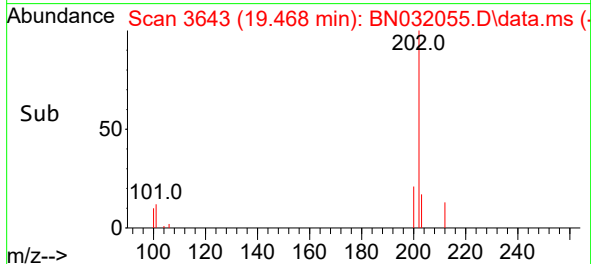
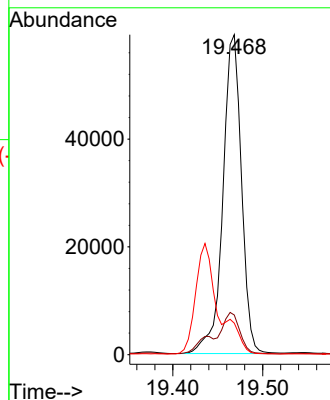
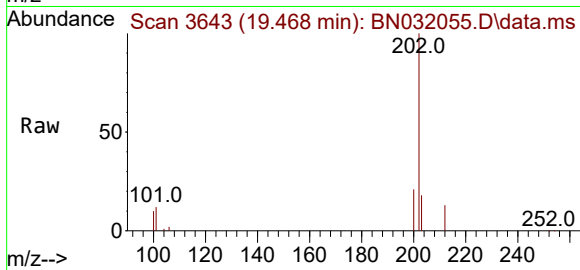
Tgt Ion:202 Resp: 84676

Ion Ratio Lower Upper

202 100

101 12.4 10.5 15.7

100 9.8 8.6 12.8



#21

Benzo(a)anthracene

Concen: 0.284 ng/ul

RT: 21.214 min Scan# 4109

Delta R.T. -0.009 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

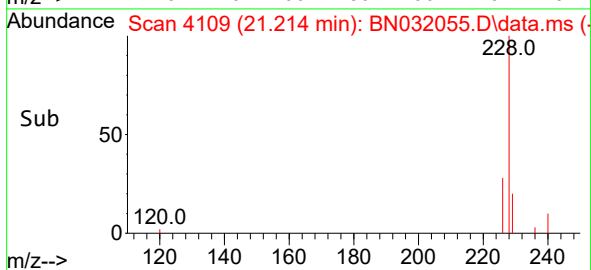
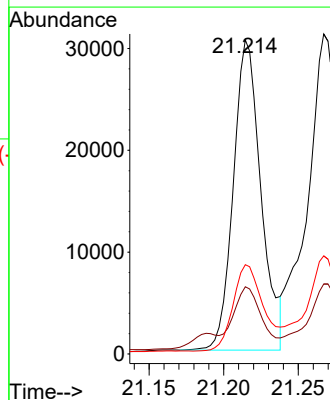
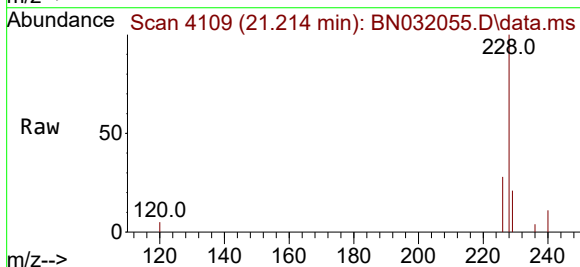
Tgt Ion:228 Resp: 39254

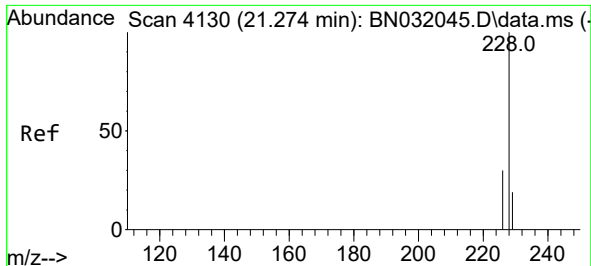
Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

226 28.4 21.7 32.5





#22

Chrysene

Concen: 0.334 ng/ul

RT: 21.267 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

Instrument :

BNA_N

ClientSampleId :

A4BN8

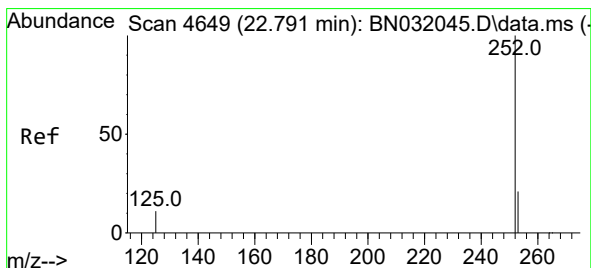
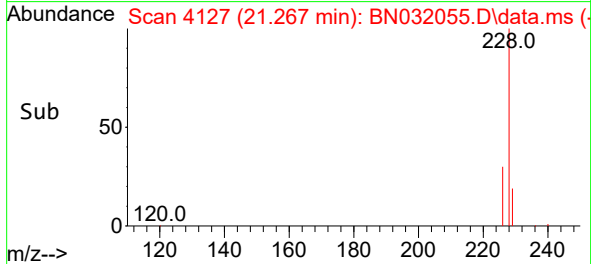
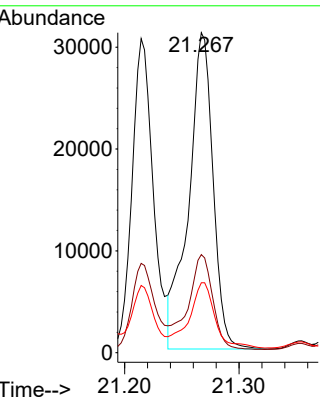
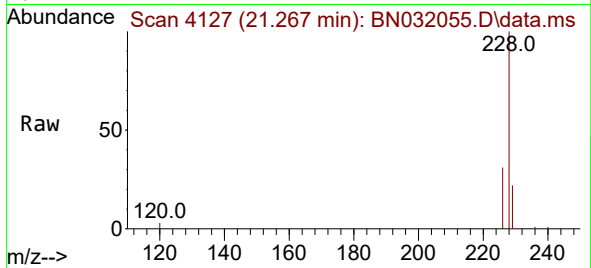
Tgt Ion:228 Resp: 46101

Ion Ratio Lower Upper

228 100

226 30.7 23.6 35.4

229 21.9 15.6 23.4



#24

Benzo(b)fluoranthene

Concen: 0.542 ng/ul

RT: 22.787 min Scan# 4647

Delta R.T. -0.006 min

Lab File: BN032055.D

Acq: 18 Jun 2024 21:32

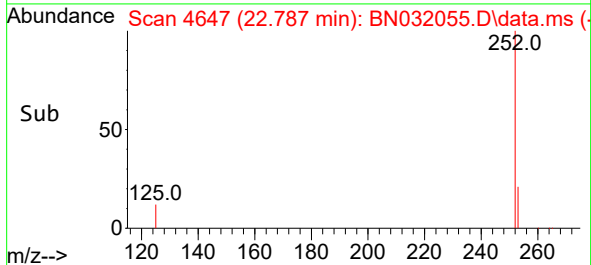
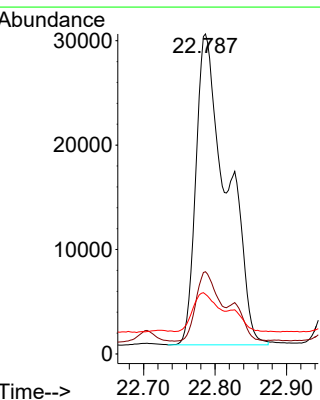
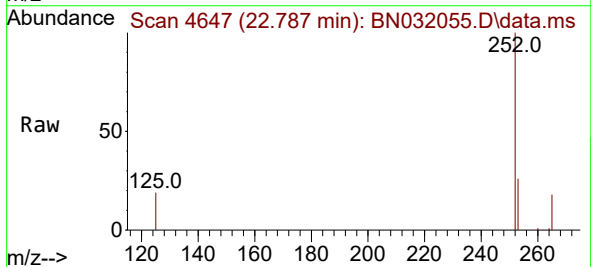
Tgt Ion:252 Resp: 89540

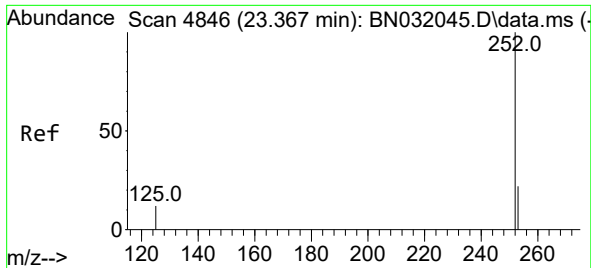
Ion Ratio Lower Upper

252 100

253 25.7 0.0 47.4

125 18.6 0.0 28.8

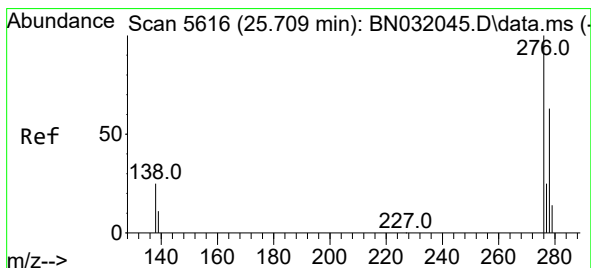
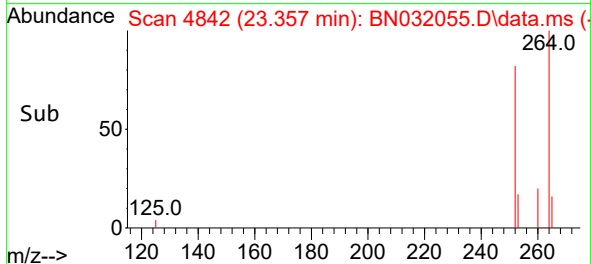
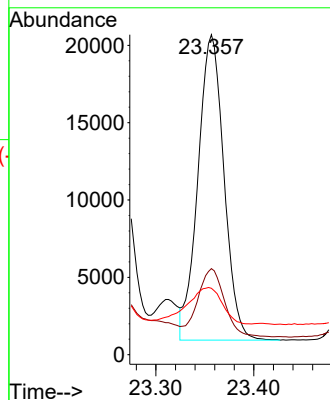
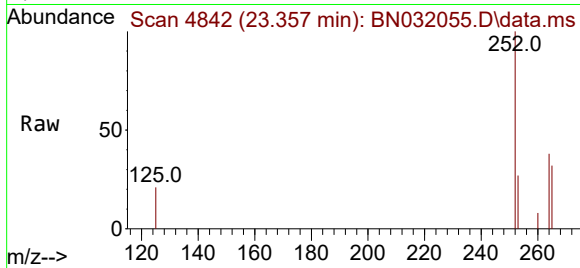




#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 23.357 min Scan# 4846
Delta R.T. -0.009 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

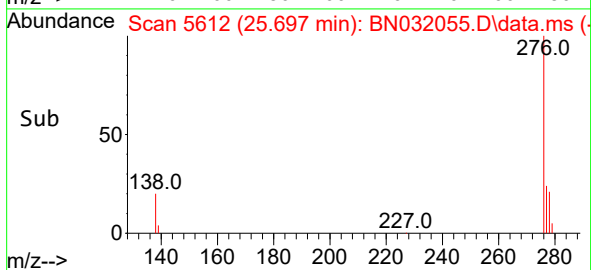
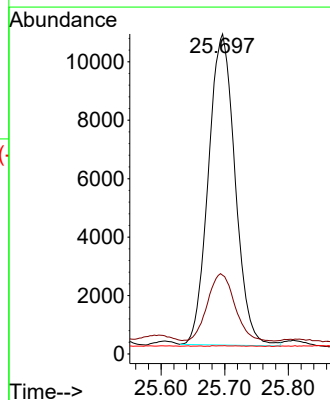
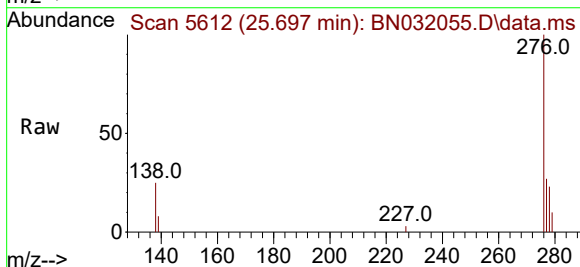
Instrument :
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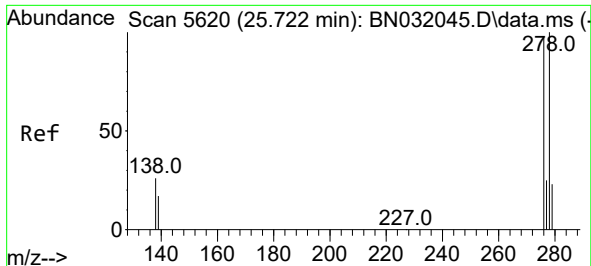
Tgt Ion:252 Resp: 36352
Ion Ratio Lower Upper
252 100
253 26.9 19.9 29.9
125 20.8 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.196 ng/ul
RT: 25.697 min Scan# 5612
Delta R.T. -0.010 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

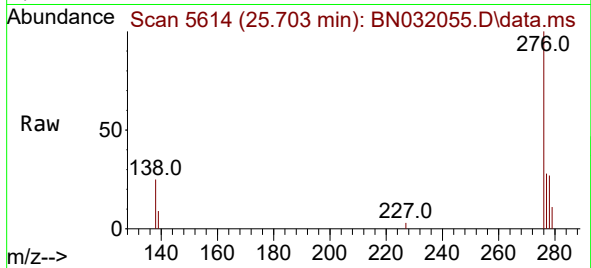
Tgt Ion:276 Resp: 30989
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.0 0.2 0.2#



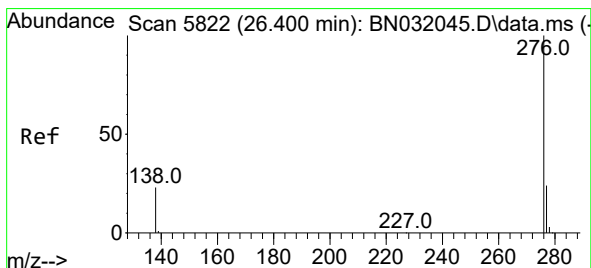
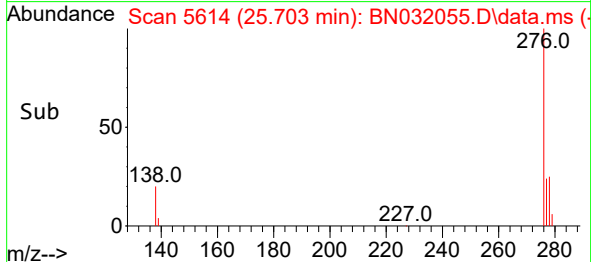
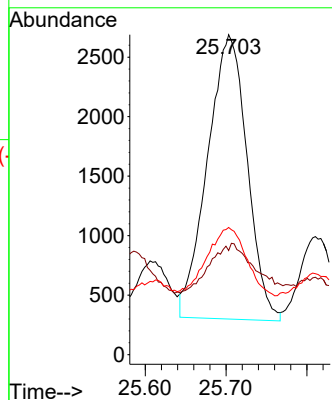


#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 25.703 min Scan# 5614
Delta R.T. -0.020 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

Instrument :
BNA_N
ClientSampleId :
A4BN8



Tgt Ion:278 Resp: 8154
Ion Ratio Lower Upper
278 100
139 32.5 14.9 22.3#
279 39.8 20.6 31.0#



#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 26.387 min Scan# 5818
Delta R.T. -0.010 min
Lab File: BN032055.D
Acq: 18 Jun 2024 21:32

Tgt Ion:276 Resp: 31090
Ion Ratio Lower Upper
276 100
138 25.6 19.0 28.4
277 26.8 20.4 30.6

