

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032702.D
 Acq On : 13 Jul 2024 10:17
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3

Quant Time: Jul 15 08:55:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	7158	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.316	136	21603	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.193	164	12840	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.054	188	1830549	0.400	ng/ul	0.06
17) Chrysene-d12	21.314	240	776	0.400	ng/ul	# 0.12
23) Perylene-d12	23.611	264	11692	0.400	ng/ul	# 0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	33245	3.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	9226	0.283	ng/ul	-0.05
18) Fluoranthene-d10	19.152	212	247	0.098	ng/ul	0.13
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.127	88	212	0.022	ng/ul#	1
5) Naphthalene	10.365	128	25453	0.439	ng/ul	98
7) 2-Methylnaphthalene	11.993	142	9083	0.251	ng/ul	95
8) 1-Methylnaphthalene	12.213	142	7411	0.198	ng/ul	98
10) Acenaphthylene	13.915	152	65016	1.253	ng/ul	99
11) Acenaphthene	14.258	153	36675	0.855	ng/ul	99
12) Fluorene	15.252	166	46009	0.938	ng/ul	98
15) Phenanthrene	17.088	178	214495	0.043	ng/ul	98
19) Fluoranthene	19.176	202	41910	13.283	ng/ul#	96
20) Pyrene	19.538	202	1611	0.493	ng/ul#	54
21) Benzo(a)anthracene	21.317	228	113946	46.130	ng/ul#	57
22) Chrysene	21.317	228	116320	32.552	ng/ul#	59
24) Benzo(b)fluoranthene	22.871	252	215974	5.235	ng/ul	97
25) Benzo(k)fluoranthene	23.070	252	26491	0.527	ng/ul#	1
26) Benzo(a)pyrene	23.488	252	7323	0.205	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.904	276	56902	1.177	ng/ul#	50
28) Dibenzo(a,h)anthracene	25.908	278	195445	5.216	ng/ul	97
29) Benzo(g,h,i)perylene	26.609	276	98998	2.450	ng/ul#	88

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

RNA N

BNA N

ClientSampleId :

A4CB3

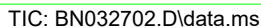
Quant Time: Jul 15 08:55:54 2024

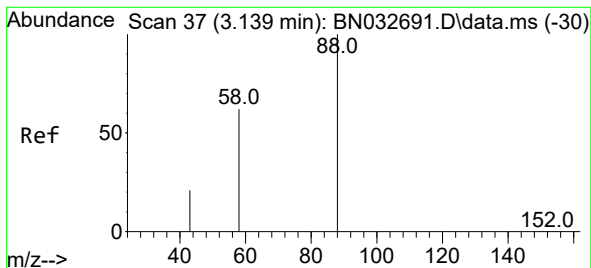
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 12 01:40:24 2024

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.022 ng/ul

RT: 3.127 min Scan# 34

Delta R.T. -0.013 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

Instrument :

BNA_N

ClientSampleId :

A4CB3

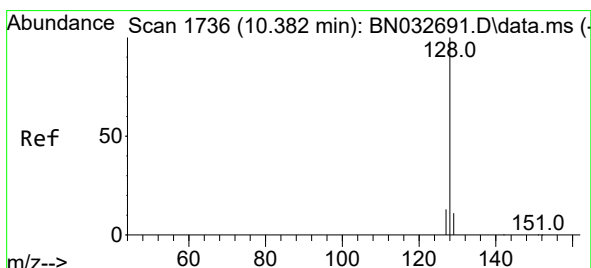
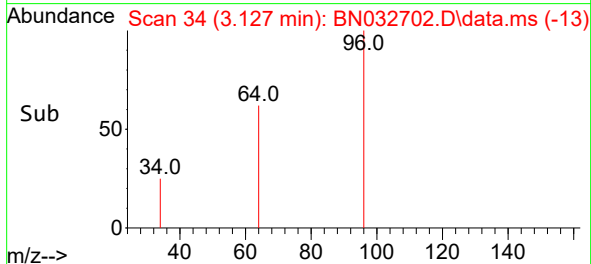
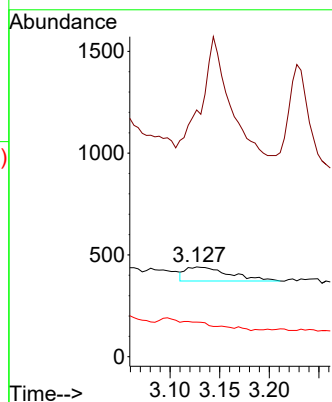
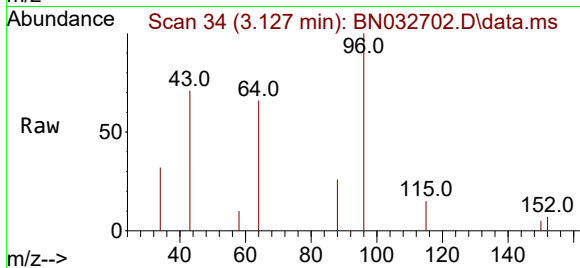
Tgt Ion: 88 Resp: 212

Ion Ratio Lower Upper

88 100

43 274.8 24.0 36.0#

58 38.5 43.3 64.9#



#5

Naphthalene

Concen: 0.439 ng/ul

RT: 10.365 min Scan# 1733

Delta R.T. -0.044 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

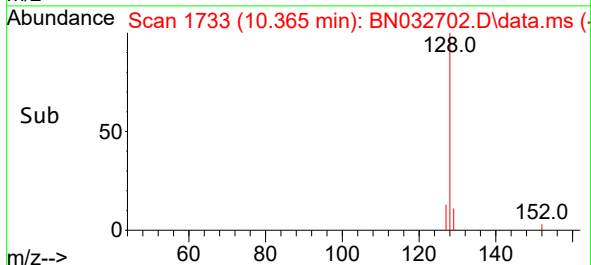
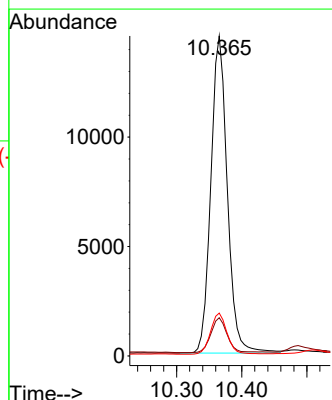
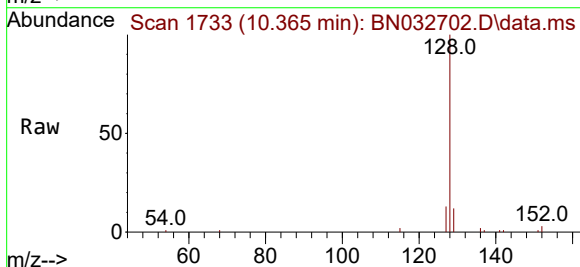
Tgt Ion:128 Resp: 25453

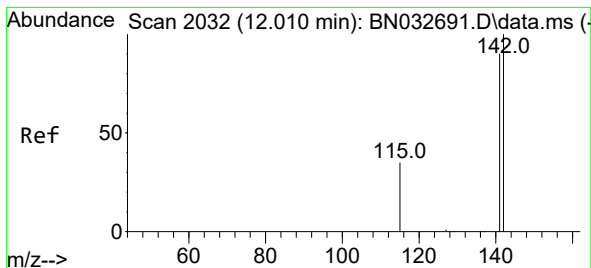
Ion Ratio Lower Upper

128 100

129 11.9 10.0 15.0

127 13.4 11.6 17.4

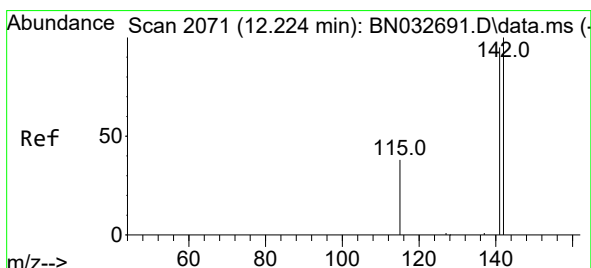
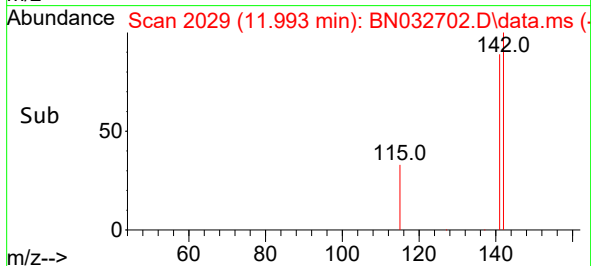
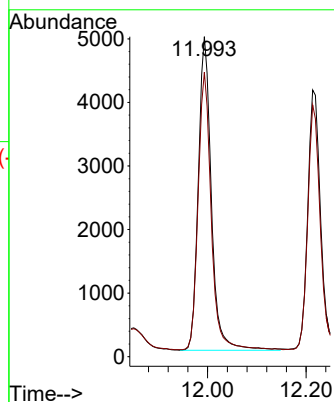
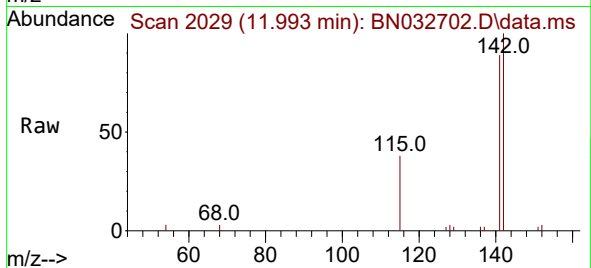




#7
2-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 11.993 min Scan# 2069
Delta R.T. -0.055 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

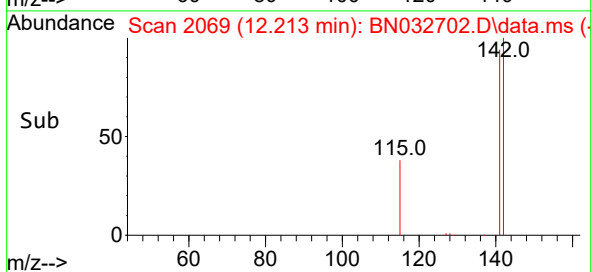
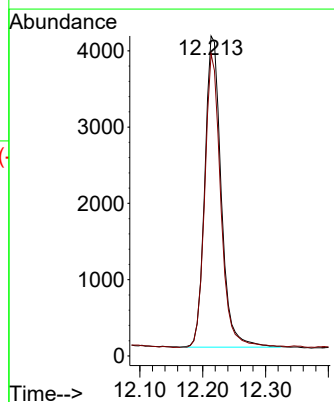
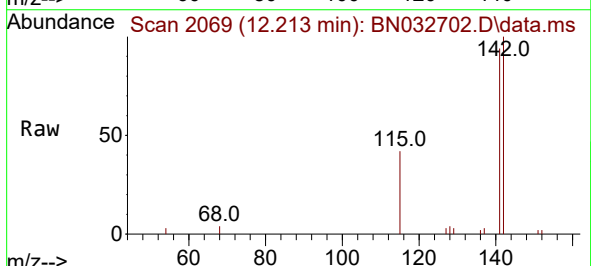
Instrument :
BNA_N
ClientSampleId :
A4CB3

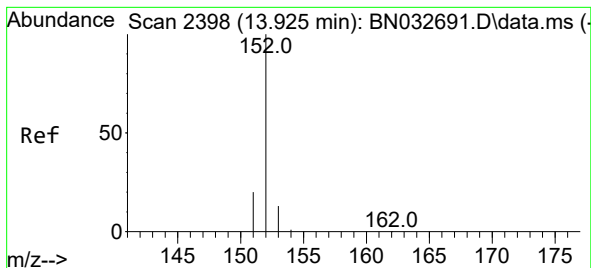
Tgt Ion:142 Resp: 9083
Ion Ratio Lower Upper
142 100
141 88.2 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.033 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

Tgt Ion:142 Resp: 7411
Ion Ratio Lower Upper
142 100
141 92.2 75.0 112.4





#10

Acenaphthylene

Concen: 1.253 ng/ul

RT: 13.915 min Scan# 21

Delta R.T. -0.028 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

Instrument :

BNA_N

ClientSampleId :

A4CB3

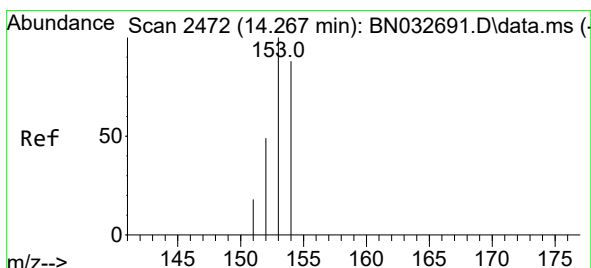
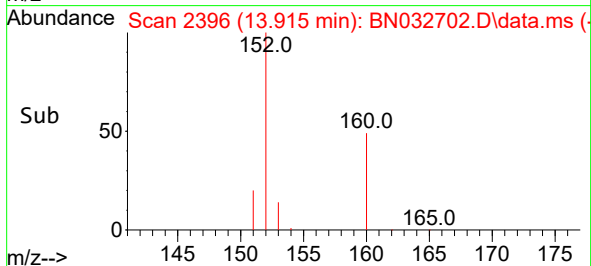
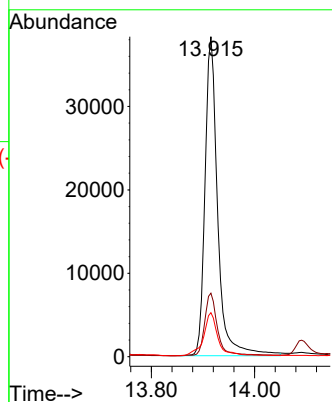
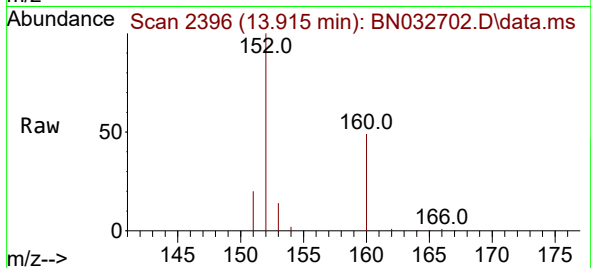
Tgt Ion:152 Resp: 65016

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

153 13.8 11.3 16.9



#11

Acenaphthene

Concen: 0.855 ng/ul

RT: 14.258 min Scan# 2470

Delta R.T. -0.023 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

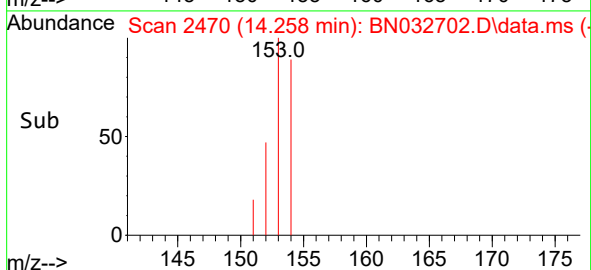
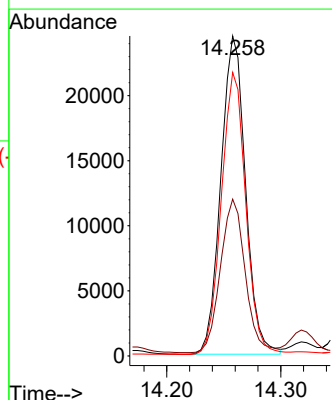
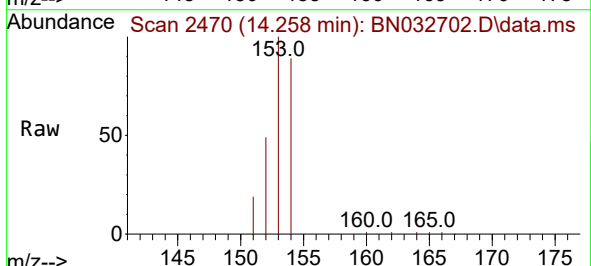
Tgt Ion:153 Resp: 36675

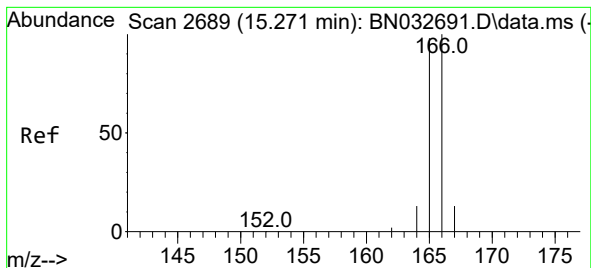
Ion Ratio Lower Upper

153 100

152 49.0 40.0 60.0

154 88.6 70.2 105.4





#12

Fluorene

Concen: 0.938 ng/ul

RT: 15.252 min Scan# 21

Delta R.T. -0.037 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

Instrument :

BNA_N

ClientSampleId :

A4CB3

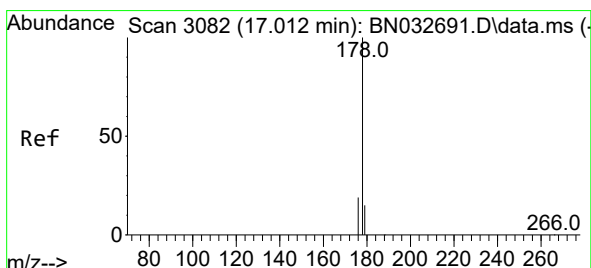
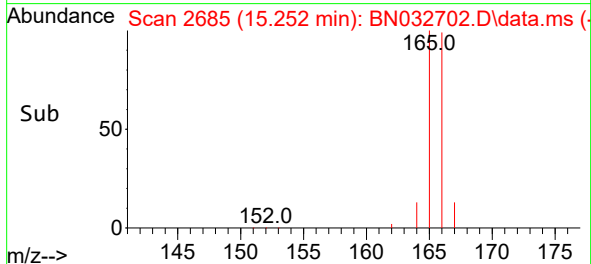
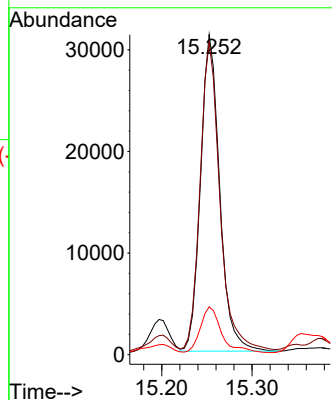
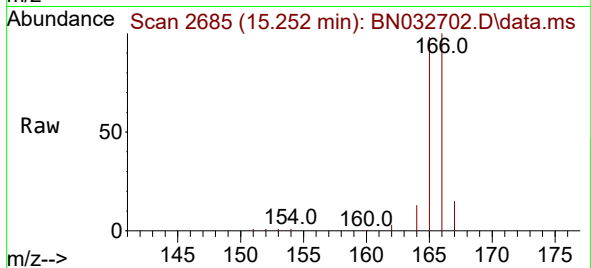
Tgt Ion:166 Resp: 46009

Ion Ratio Lower Upper

166 100

165 97.5 79.7 119.5

167 15.0 11.4 17.2



#15

Phenanthrene

Concen: 0.043 ng/ul

RT: 17.088 min Scan# 3100

Delta R.T. 0.059 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

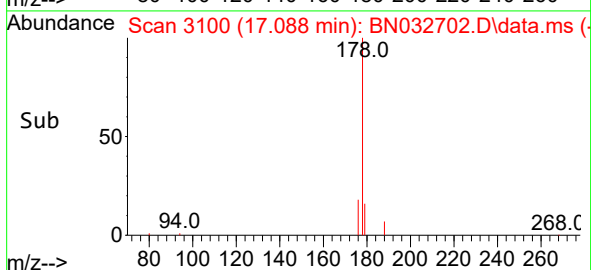
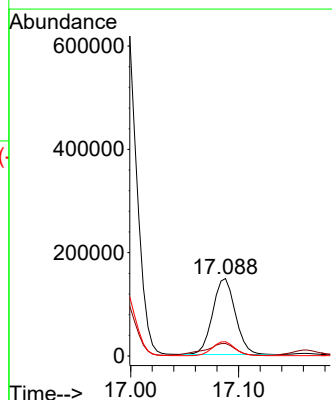
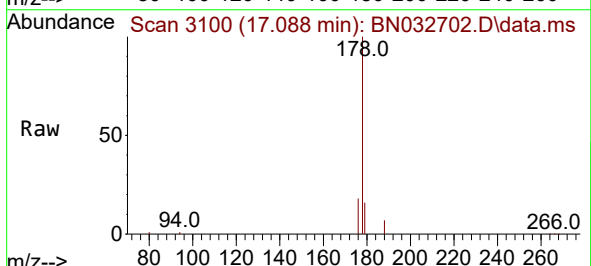
Tgt Ion:178 Resp: 214495

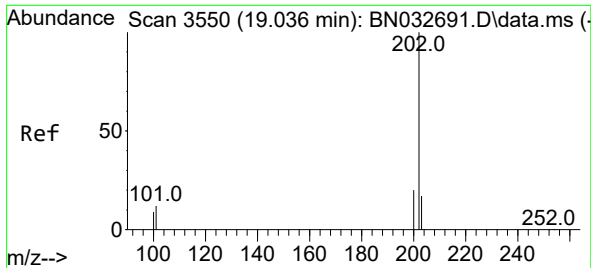
Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.4

176 18.3 15.6 23.4

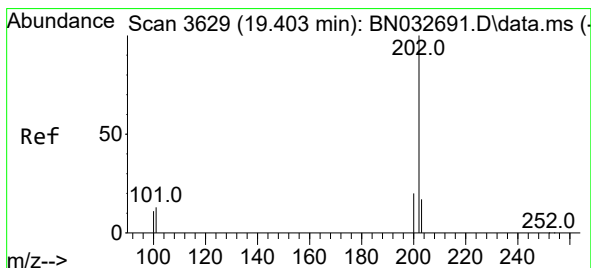
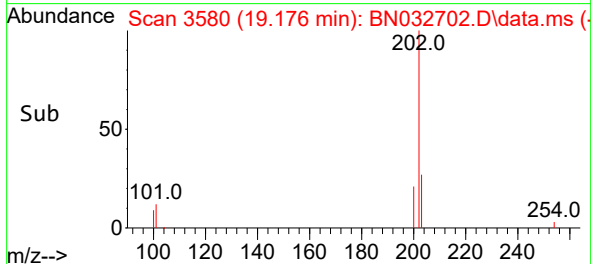
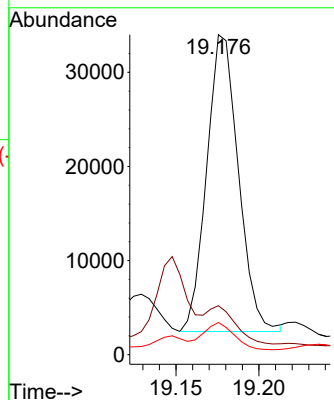
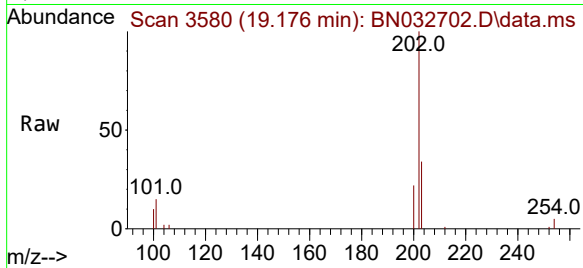




#19
Fluoranthene
Concen: 13.283 ng/ul
RT: 19.176 min Scan# 3580
Delta R.T. 0.121 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

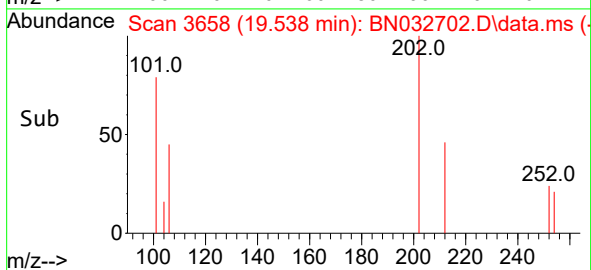
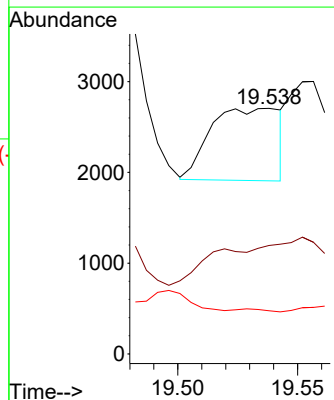
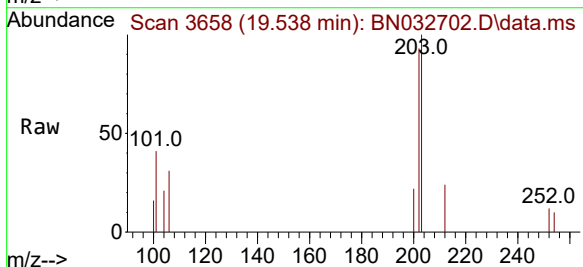
Instrument :
BNA_N
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A4CB3

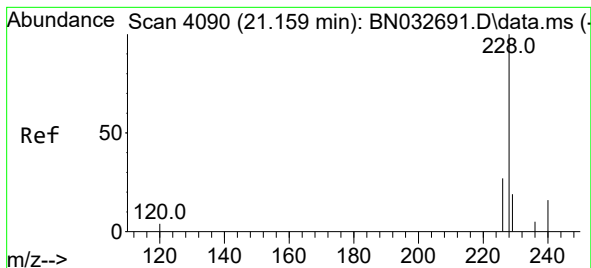
Tgt Ion:202 Resp: 41910
Ion Ratio Lower Upper
202 100
101 15.3 9.8 14.8#
100 10.1 7.9 11.9



#20
Pyrene
Concen: 0.493 ng/ul
RT: 19.538 min Scan# 3658
Delta R.T. 0.116 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

Tgt Ion:202 Resp: 1611
Ion Ratio Lower Upper
202 100
101 44.2 11.8 17.6#
100 17.6 9.6 14.4#





#21

Benzo(a)anthracene

Concen: 46.130 ng/ul

RT: 21.317 min Scan# 4144

Delta R.T. 0.134 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

Instrument :

BNA_N

ClientSampleId :

A4CB3

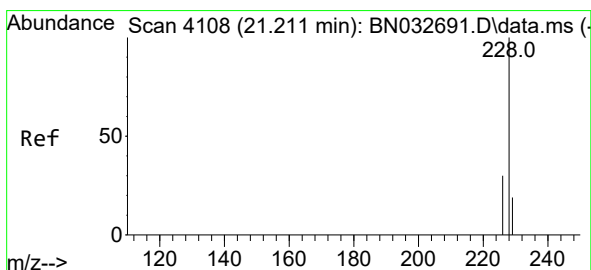
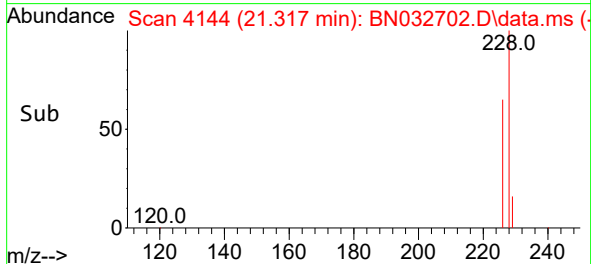
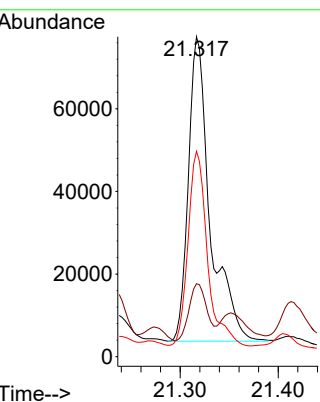
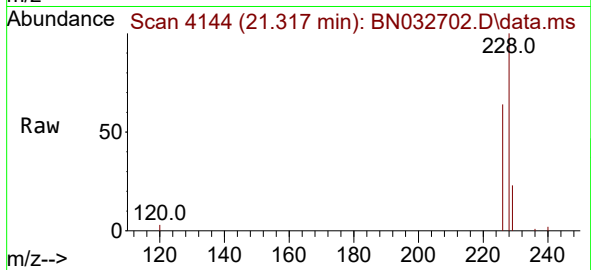
Tgt Ion:228 Resp: 113946

Ion Ratio Lower Upper

228 100

229 22.8 16.1 24.1

226 64.2 21.9 32.9#



#22

Chrysene

Concen: 32.552 ng/ul

RT: 21.317 min Scan# 4144

Delta R.T. 0.085 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

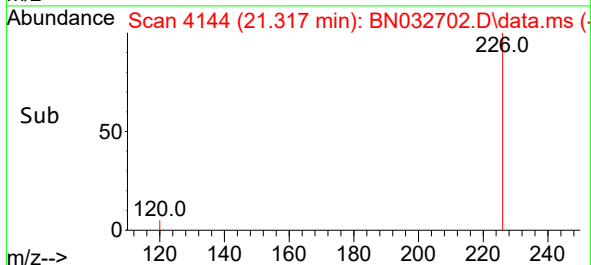
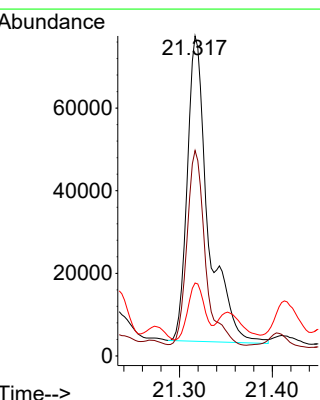
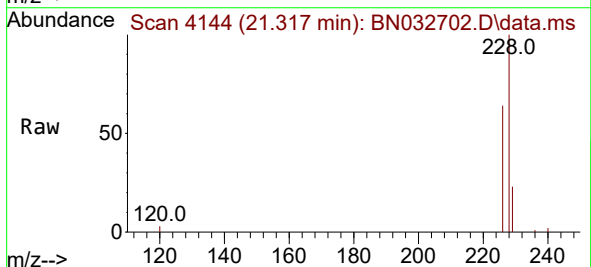
Tgt Ion:228 Resp: 116320

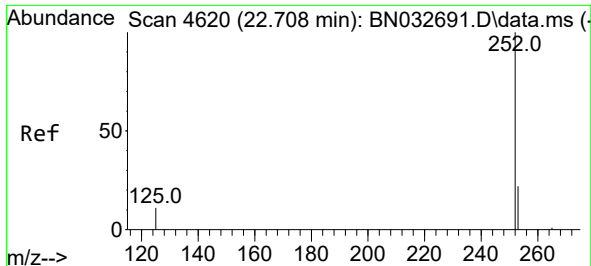
Ion Ratio Lower Upper

228 100

226 64.2 24.0 36.0#

229 22.8 15.8 23.6

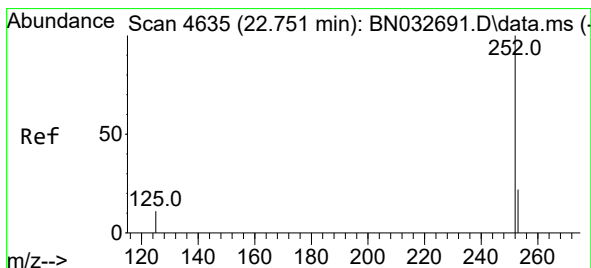
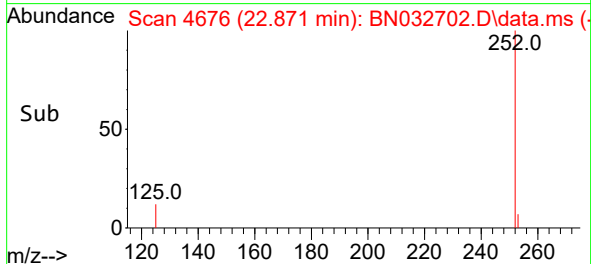
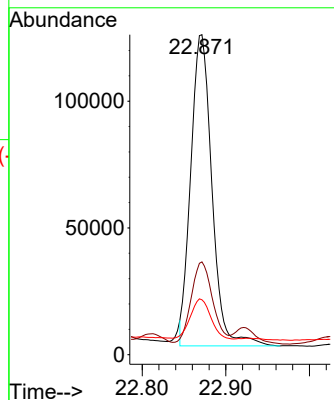
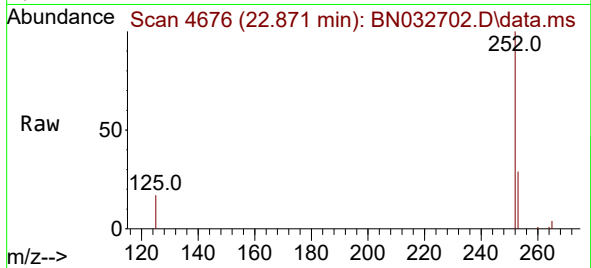




#24
Benzo(b)fluoranthene
Concen: 5.235 ng/ul
RT: 22.871 min Scan# 4744
Delta R.T. 0.138 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

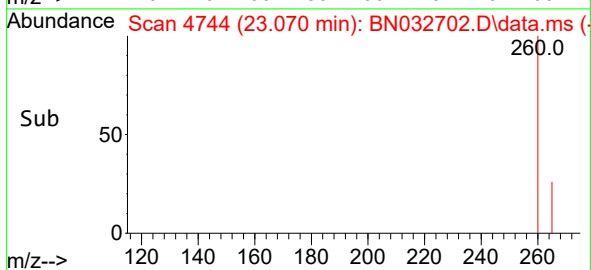
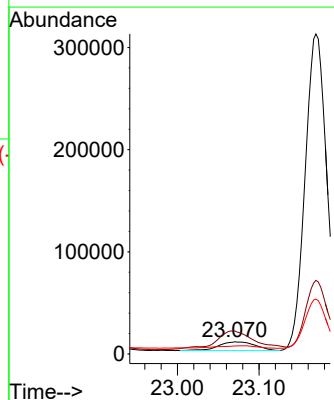
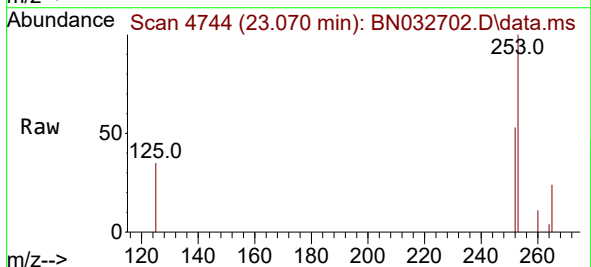
Instrument :
BNA_N
ClientSampleId :
A4CB3

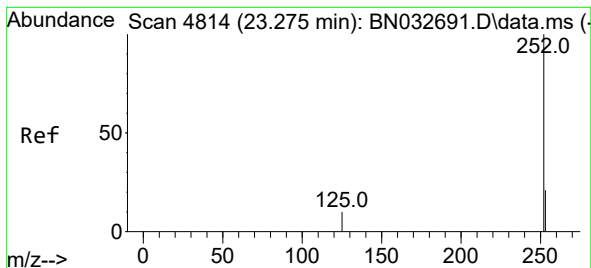
Tgt Ion:252 Resp: 215974
Ion Ratio Lower Upper
252 100
253 29.0 0.0 54.0
125 17.2 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.527 ng/ul
RT: 23.070 min Scan# 4744
Delta R.T. 0.293 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

Tgt Ion:252 Resp: 26491
Ion Ratio Lower Upper
252 100
253 190.3 21.2 31.8#
125 66.1 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.205 ng/ul

RT: 23.488 min Scan# 4887

Delta R.T. 0.178 min

Lab File: BN032702.D

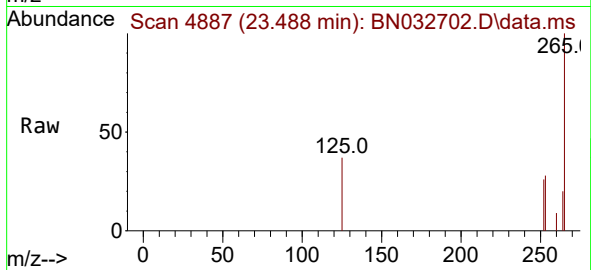
Acq: 13 Jul 2024 10:17

Instrument :

BNA_N

ClientSampleId :

A4CB3



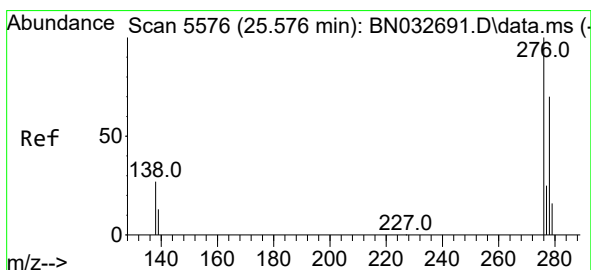
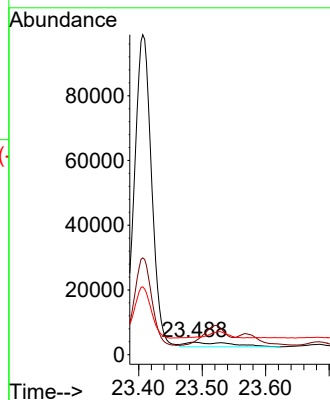
Tgt Ion:252 Resp: 7323

Ion Ratio Lower Upper

252 100

253 105.7 25.4 38.0#

125 140.4 20.6 30.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.177 ng/ul

RT: 25.904 min Scan# 5674

Delta R.T. 0.278 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

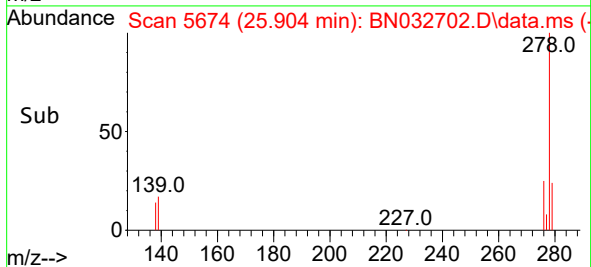
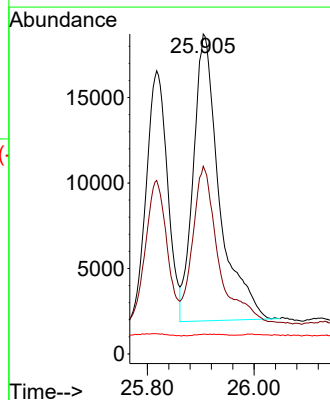
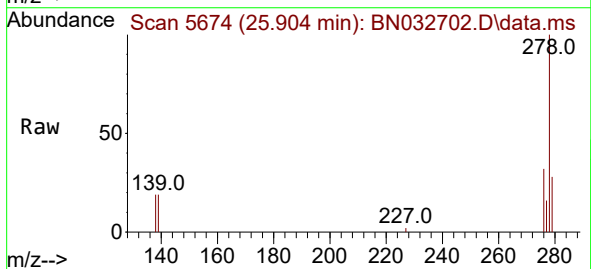
Tgt Ion:276 Resp: 56902

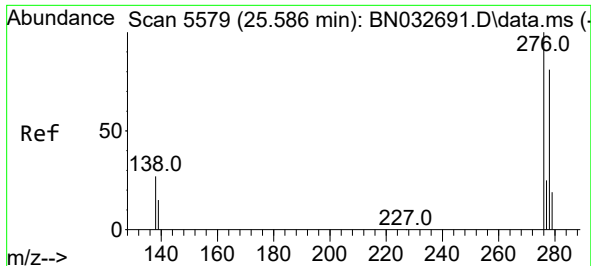
Ion Ratio Lower Upper

276 100

138 53.1 21.6 32.4#

227 0.6 0.0 0.0#

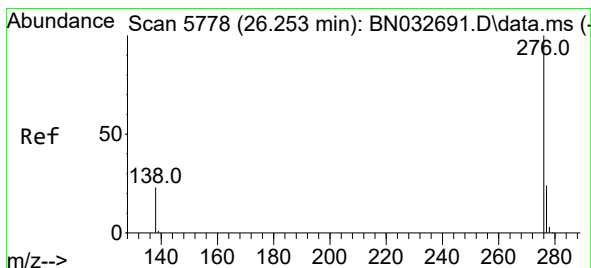
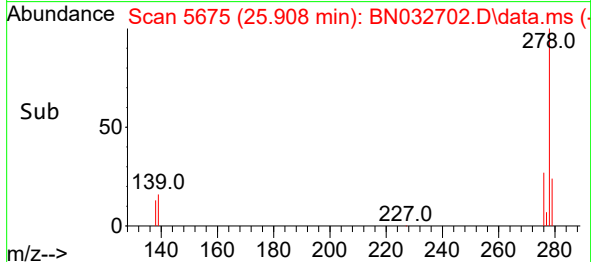
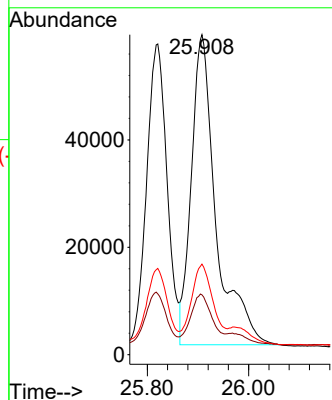
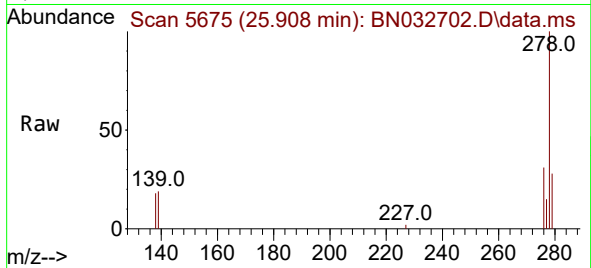




#28
Dibenzo(a,h)anthracene
Concen: 5.216 ng/ul
RT: 25.908 min Scan# 51
Delta R.T. 0.268 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

Instrument :
BNA_N
ClientSampleId :
A4CB3

Tgt Ion:278 Resp: 195445
Ion Ratio Lower Upper
278 100
139 18.7 16.6 24.8
279 28.3 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 2.450 ng/ul
RT: 26.609 min Scan# 5884
Delta R.T. 0.309 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

Tgt Ion:276 Resp: 98998
Ion Ratio Lower Upper
276 100
138 29.1 21.0 31.4
277 34.9 20.6 31.0#

