

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032481.D
 Acq On : 04 Jul 2024 19:22
 Operator : MA/JU
 Sample : P2964-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B49

Quant Time: Jul 04 23:07:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

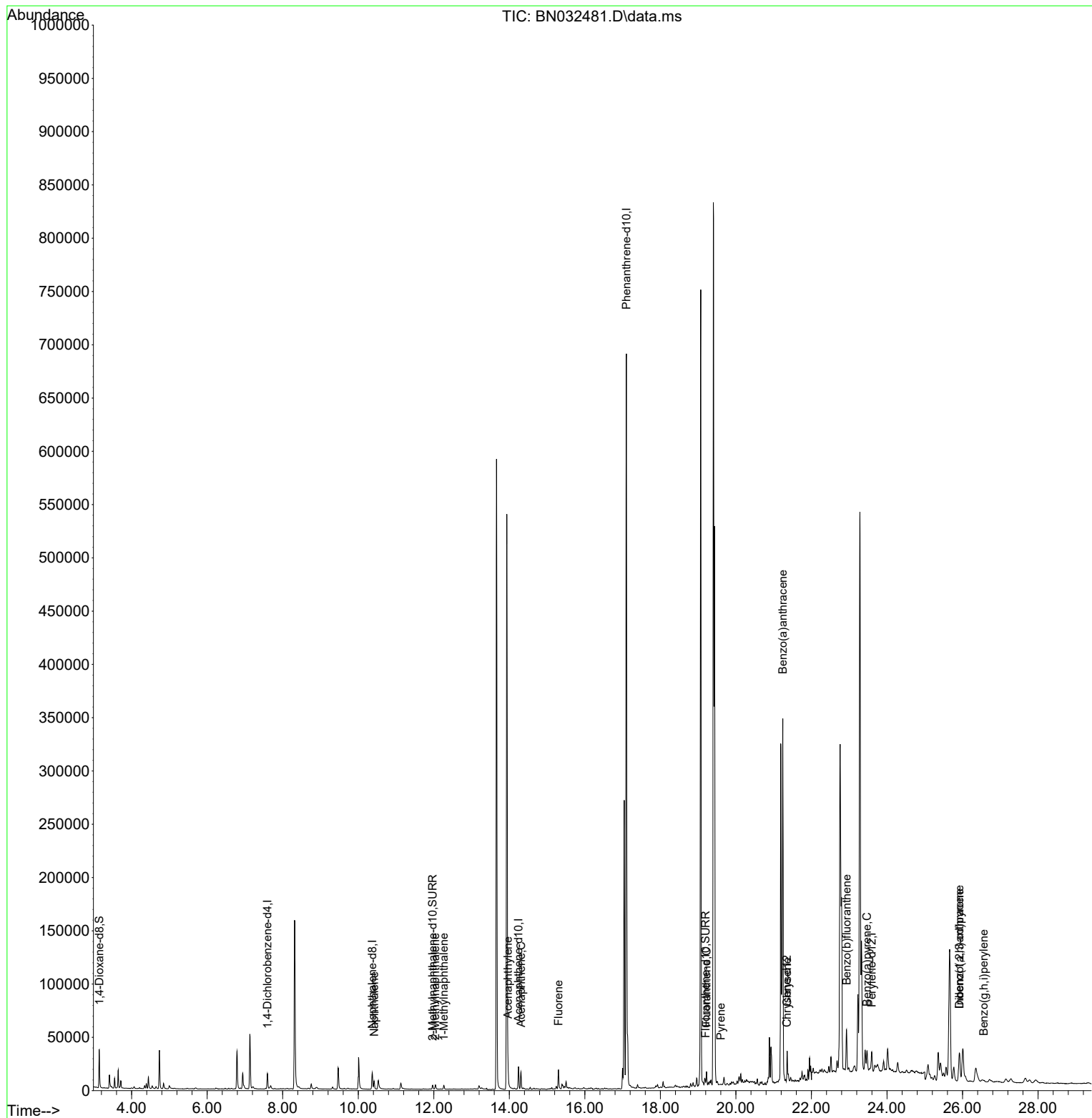
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	7842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	22231	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	12125	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.100	188	822477	0.400	ng/ul	0.09
17) Chrysene-d12	21.346	240	206	0.400	ng/ul	# 0.14
23) Perylene-d12	23.596	264	1946	0.400	ng/ul	# 0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	24748	2.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	5652	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.199	212	44	0.071	ng/ul	0.15
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	10217	0.174	ng/ul	97
7) 2-Methylnaphthalene	12.043	142	3429	0.088	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	2844	0.070	ng/ul	99
10) Acenaphthylene	13.966	152	17893	0.355	ng/ul	98
11) Acenaphthene	14.309	153	9807	0.251	ng/ul	99
12) Fluorene	15.303	166	11851	0.254	ng/ul	98
19) Fluoranthene	19.222	202	10538	13.434	ng/ul#	87
20) Pyrene	19.598	202	592	0.722	ng/ul#	37
21) Benzo(a)anthracene	21.241	228	243336	327.279	ng/ul	95
22) Chrysene	21.357	228	25343	31.055	ng/ul#	52
24) Benzo(b)fluoranthene	22.930	252	50694	5.996	ng/ul	76
26) Benzo(a)pyrene	23.468	252	19350	3.289	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	25.918	276	10493	1.139	ng/ul#	39
28) Dibenzo(a,h)anthracene	25.918	278	40165	5.869	ng/ul#	84
29) Benzo(g,h,i)perylene	26.565	276	2118	0.289	ng/ul#	1

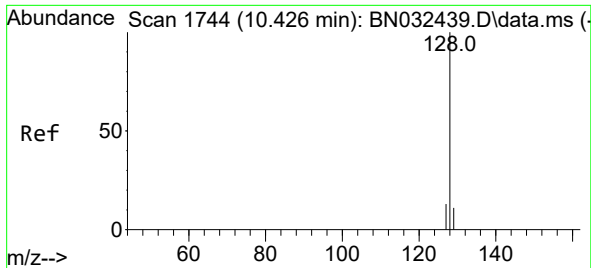
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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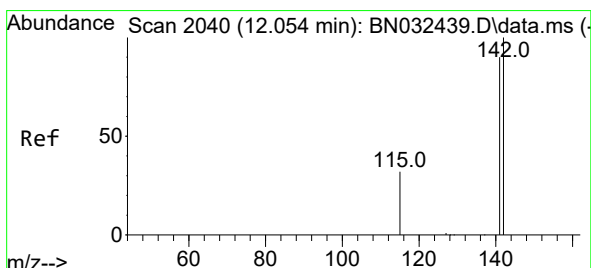
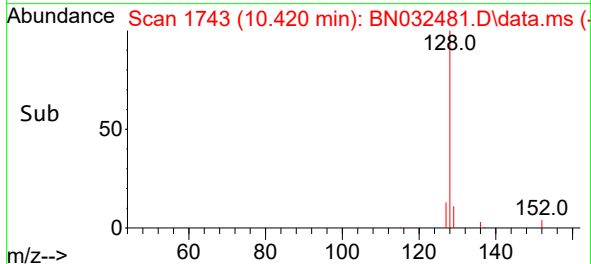
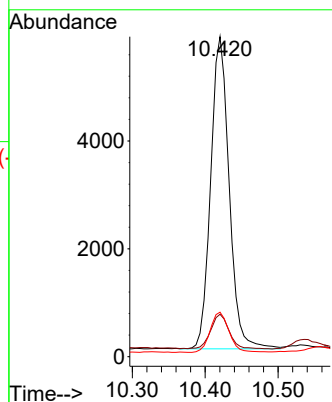
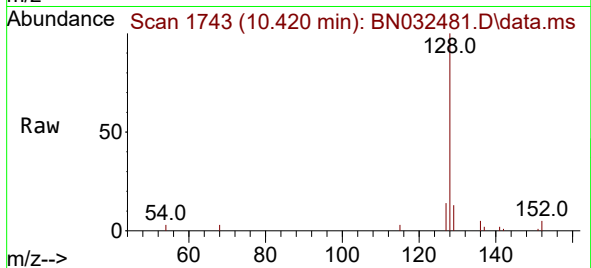




#5
Naphthalene
Concen: 0.174 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

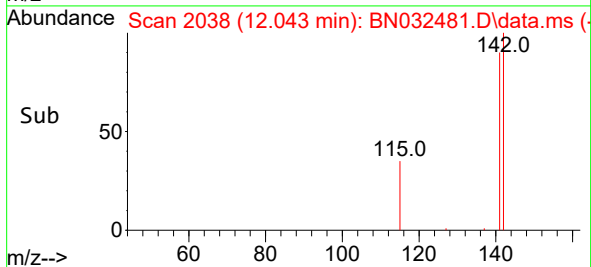
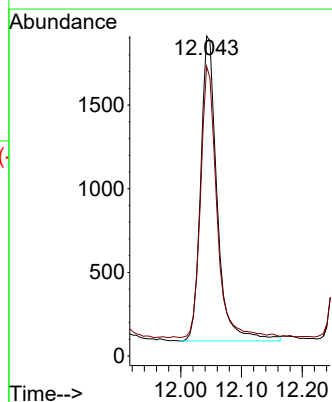
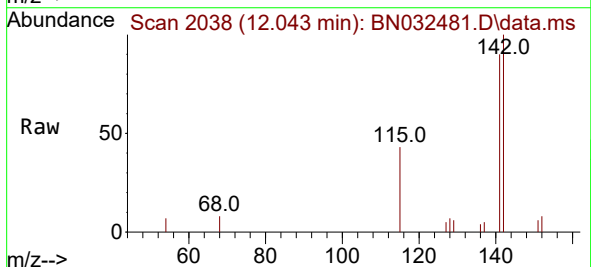
Instrument :
BNA_N
ClientSampleId :
A4B49

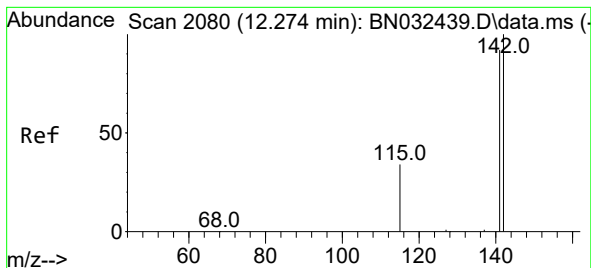
Tgt Ion:128 Resp: 10217
Ion Ratio Lower Upper
128 100
129 13.3 9.2 13.8
127 13.9 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

Tgt Ion:142 Resp: 3429
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.268 min Scan# 2080

Delta R.T. -0.006 min

Lab File: BN032481.D

Acq: 04 Jul 2024 19:22

Instrument :

BNA_N

ClientSampleId :

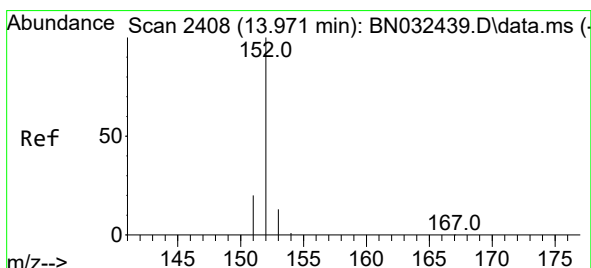
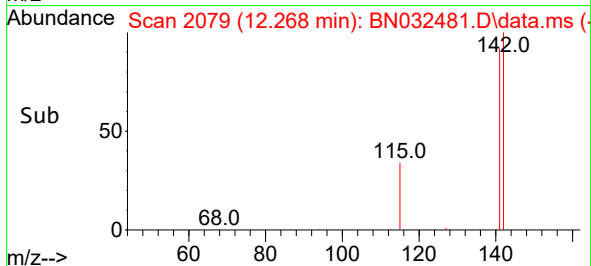
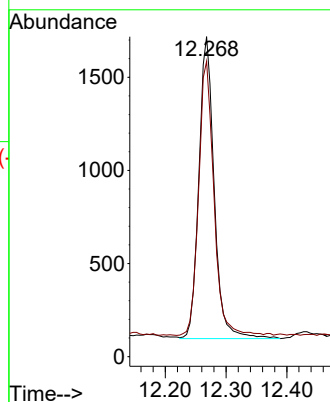
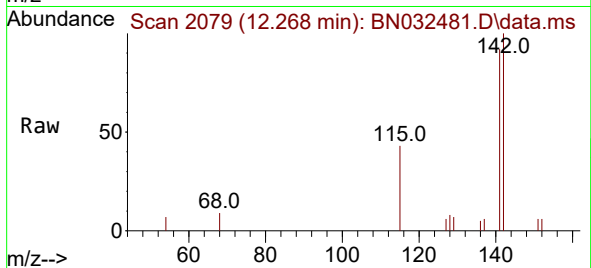
A4B49

Tgt Ion:142 Resp: 2844

Ion Ratio Lower Upper

142 100

141 90.3 73.4 110.0



#10

Acenaphthylene

Concen: 0.355 ng/ul

RT: 13.966 min Scan# 2407

Delta R.T. -0.005 min

Lab File: BN032481.D

Acq: 04 Jul 2024 19:22

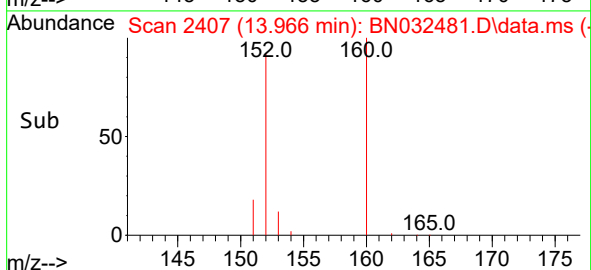
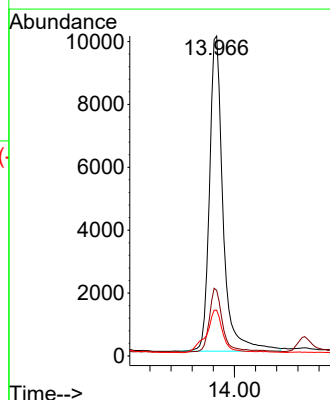
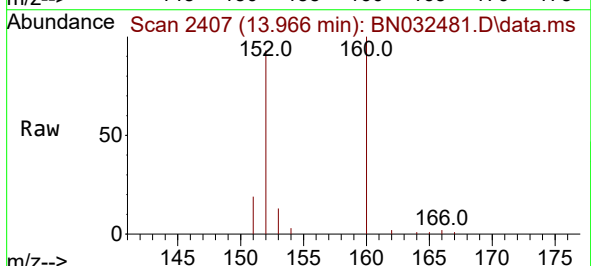
Tgt Ion:152 Resp: 17893

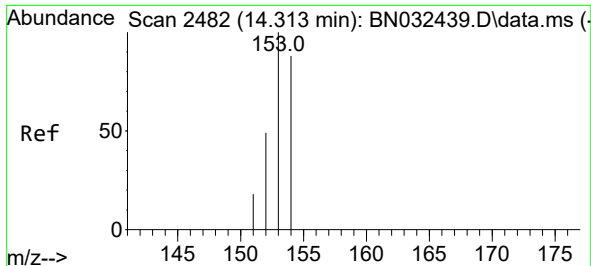
Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

153 14.3 10.9 16.3

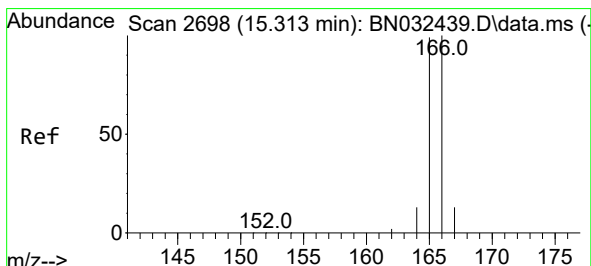
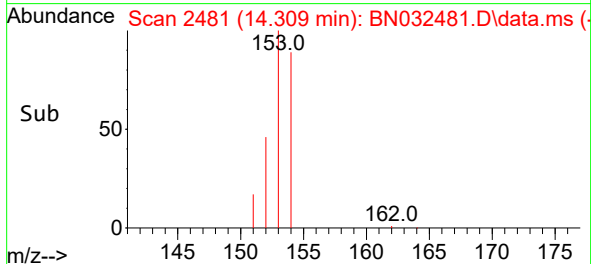
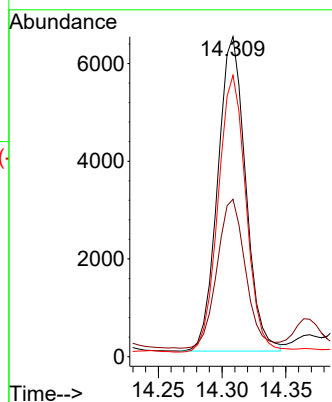
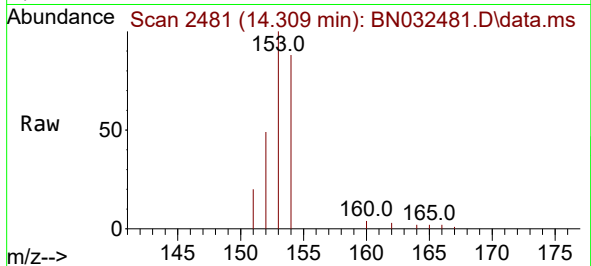




#11
Acenaphthene
Concen: 0.251 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

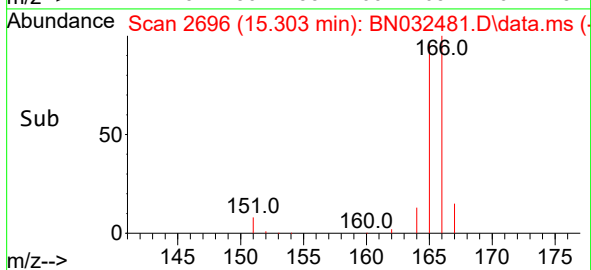
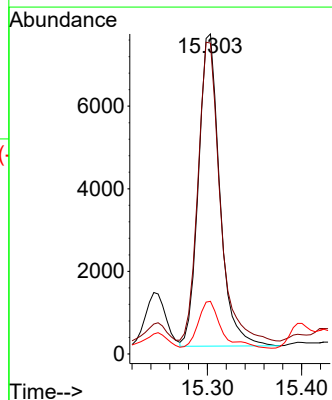
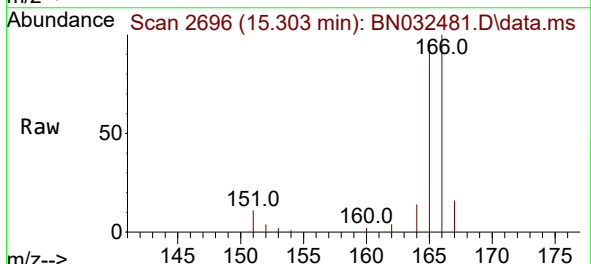
Instrument :
BNA_N
ClientSampleId :
A4B49

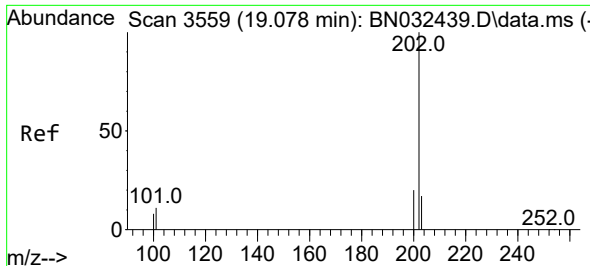
Tgt Ion:153 Resp: 9807
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 87.9 71.7 107.5



#12
Fluorene
Concen: 0.254 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

Tgt Ion:166 Resp: 11851
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 16.5 11.0 16.6

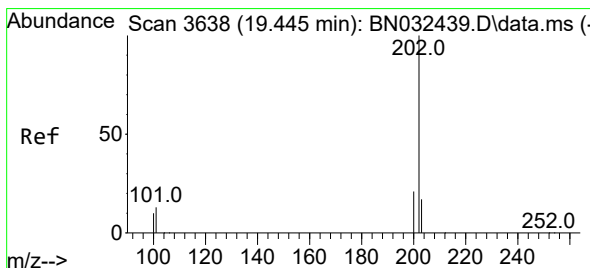
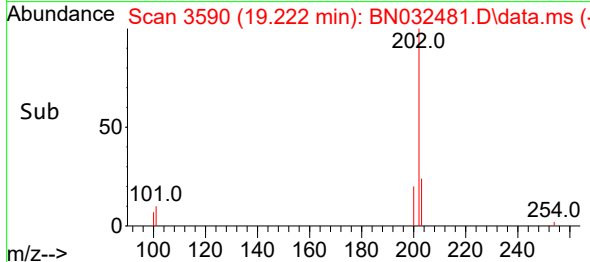
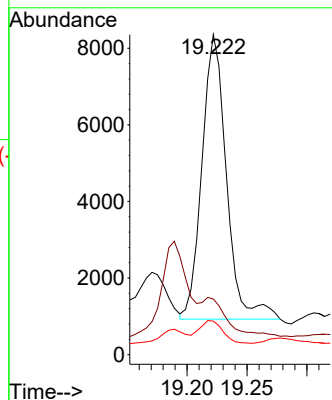
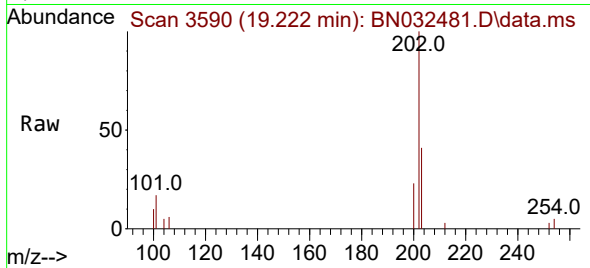




#19
Fluoranthene
Concen: 13.434 ng/ul
RT: 19.222 min Scan# 3590
Delta R.T. 0.149 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

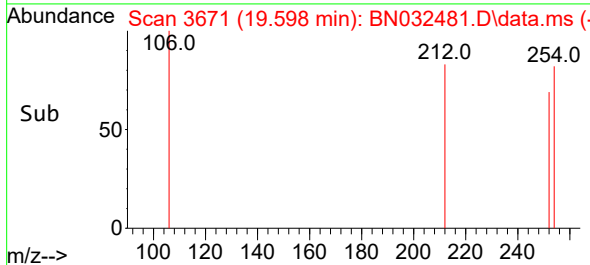
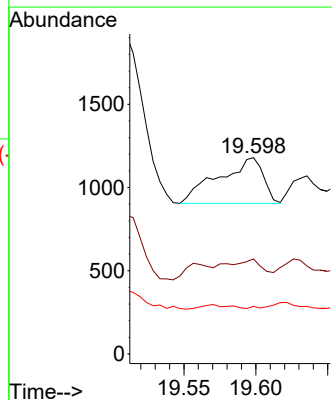
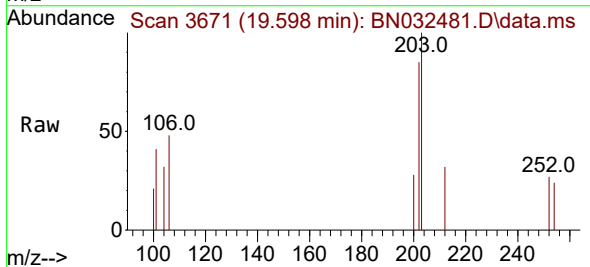
Instrument :
BNA_N
ClientSampleId :
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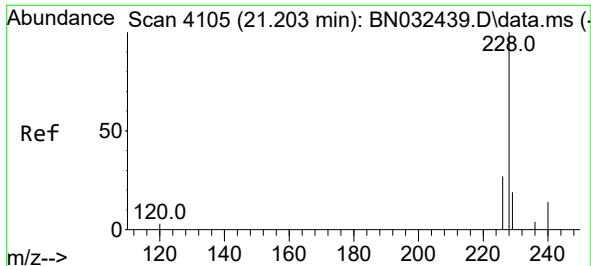
Tgt Ion:202 Resp: 10538
Ion Ratio Lower Upper
202 100
101 17.4 8.8 13.2#
100 10.5 6.4 9.6#



#20
Pyrene
Concen: 0.722 ng/ul
RT: 19.598 min Scan# 3671
Delta R.T. 0.158 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

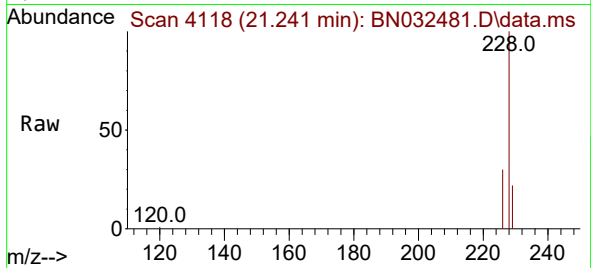
Tgt Ion:202 Resp: 592
Ion Ratio Lower Upper
202 100
101 48.4 11.0 16.4#
100 24.2 8.7 13.1#



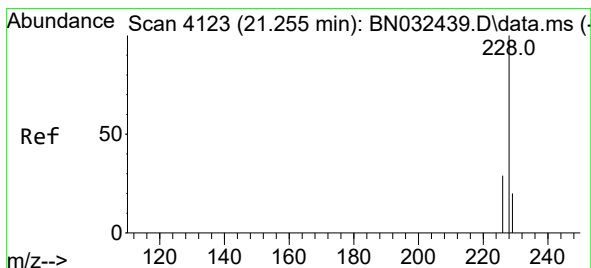
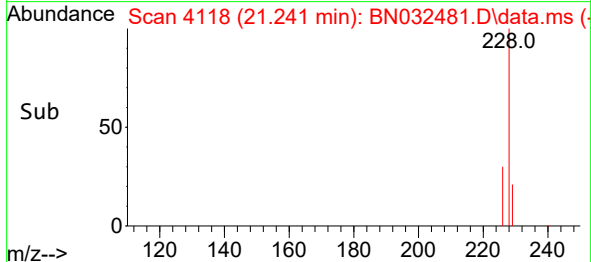
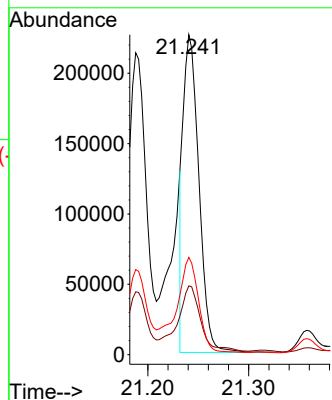


#21
Benzo(a)anthracene
Concen: 327.279 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. 0.050 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

Instrument :
BNA_N
ClientSampleId :
A4B49

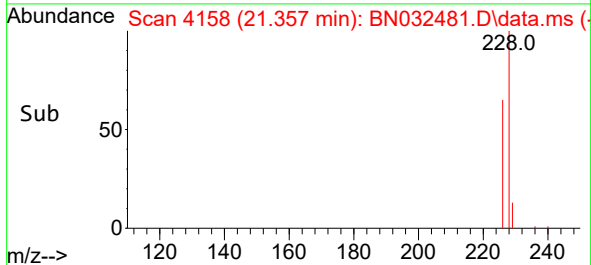
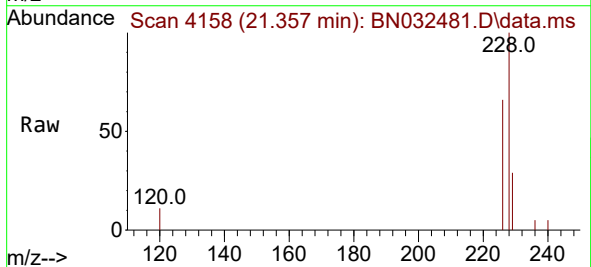
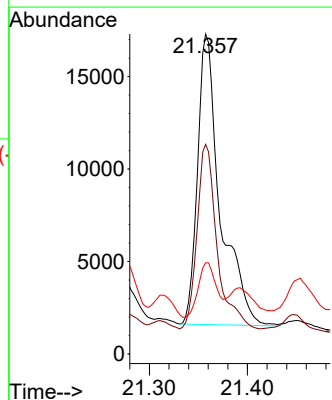


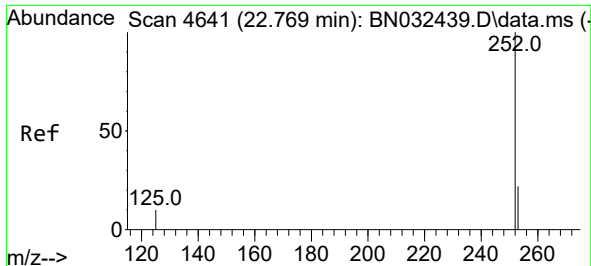
Tgt Ion:228 Resp: 243336
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 30.4 21.8 32.8



#22
Chrysene
Concen: 31.055 ng/ul
RT: 21.357 min Scan# 4158
Delta R.T. 0.114 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

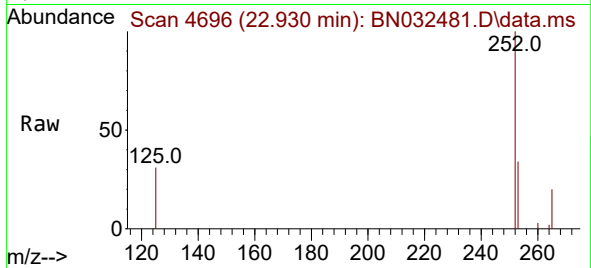
Tgt Ion:228 Resp: 25343
Ion Ratio Lower Upper
228 100
226 65.5 23.6 35.4#
229 28.5 15.7 23.5#



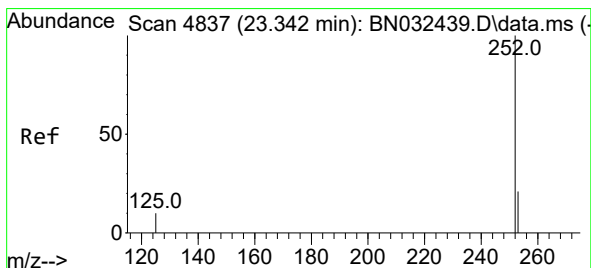
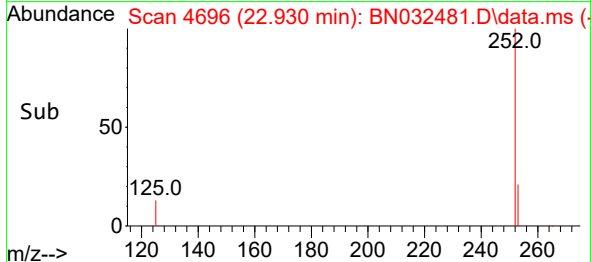
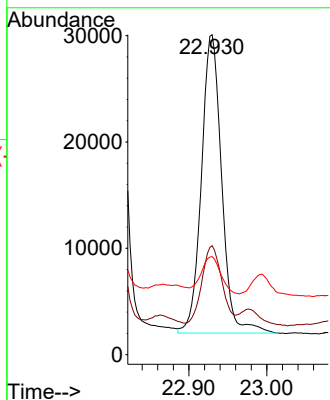


#24
Benzo(b)fluoranthene
Concen: 5.996 ng/ul
RT: 22.930 min Scan# 4696
Delta R.T. 0.172 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

Instrument :
BNA_N
ClientSampleId :
A4B49

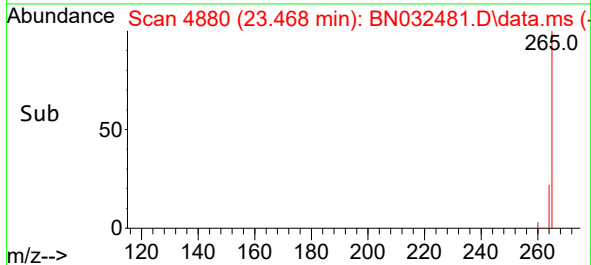
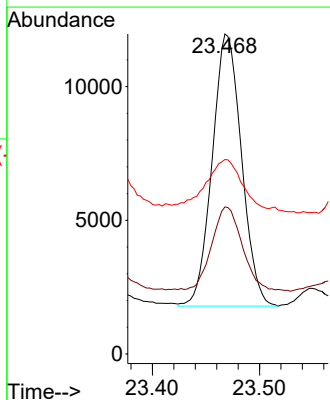
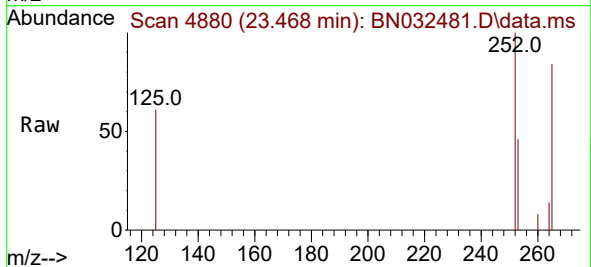


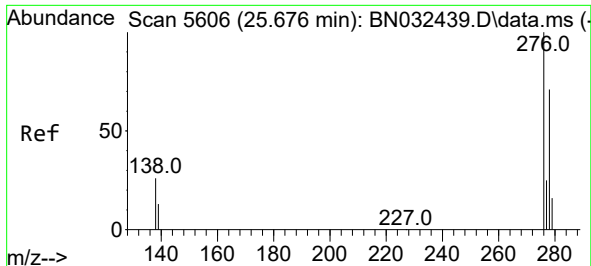
Tgt Ion:252 Resp: 50694
Ion Ratio Lower Upper
252 100
253 34.0 0.0 50.2
125 30.6 0.0 32.0



#26
Benzo(a)pyrene
Concen: 3.289 ng/ul
RT: 23.468 min Scan# 4880
Delta R.T. 0.140 min
Lab File: BN032481.D
Acq: 04 Jul 2024 19:22

Tgt Ion:252 Resp: 19350
Ion Ratio Lower Upper
252 100
253 46.0 22.2 33.2#
125 60.8 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.139 ng/ul

RT: 25.918 min Scan# 5606

Delta R.T. 0.258 min

Lab File: BN032481.D

Acq: 04 Jul 2024 19:22

Instrument :

BNA_N

ClientSampleId :

A4B49

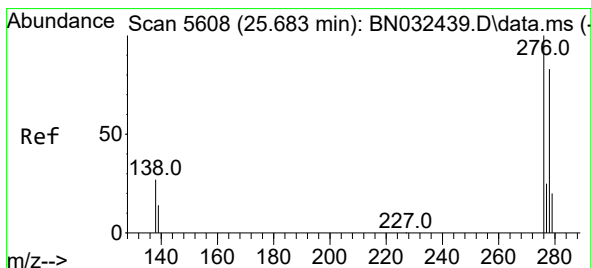
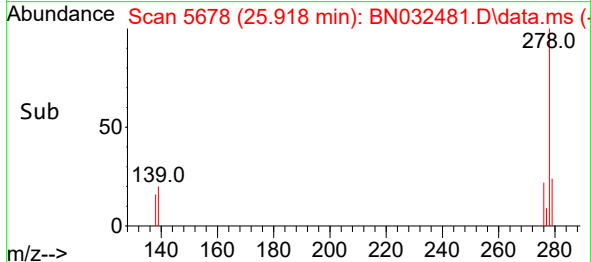
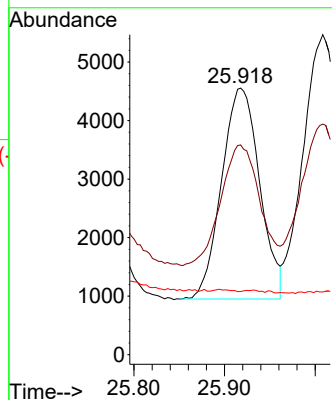
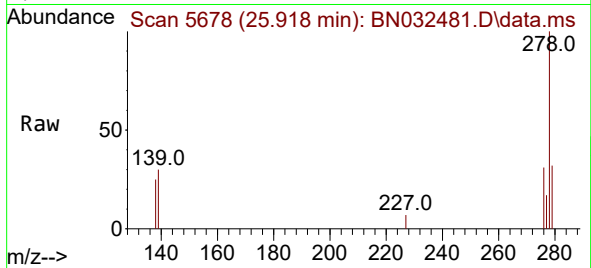
Tgt Ion:276 Resp: 10493

Ion Ratio Lower Upper

276 100

138 58.2 21.3 31.9#

227 0.5 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 5.869 ng/ul

RT: 25.918 min Scan# 5678

Delta R.T. 0.251 min

Lab File: BN032481.D

Acq: 04 Jul 2024 19:22

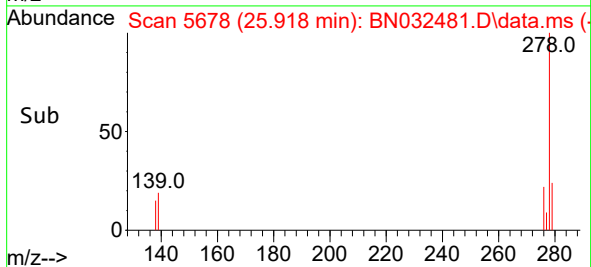
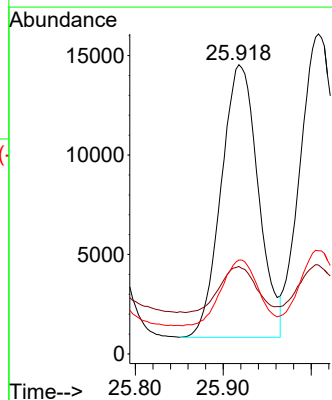
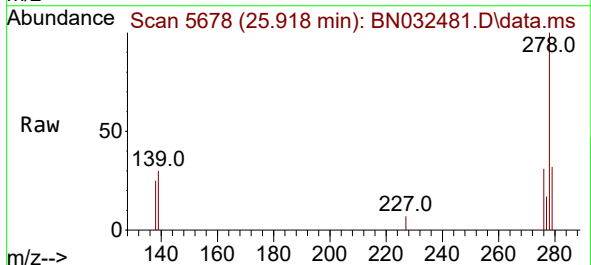
Tgt Ion:278 Resp: 40165

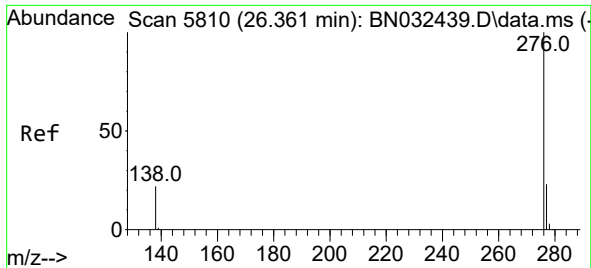
Ion Ratio Lower Upper

278 100

139 30.3 15.9 23.9#

279 32.5 21.1 31.7#





#29

Benzo(g,h,i)perylene

Concen: 0.289 ng/ul

RT: 26.565 min Scan# 5810

Delta R.T. 0.221 min

Lab File: BN032481.D

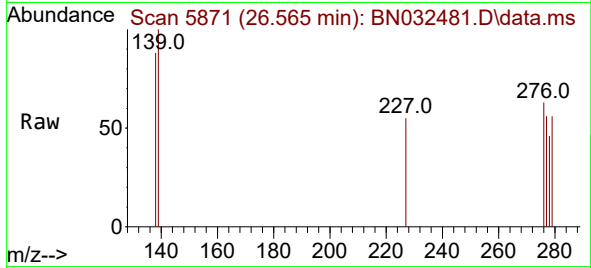
Acq: 04 Jul 2024 19:22

Instrument :

BNA_N

ClientSampleId :

A4B49



Tgt Ion:276 Resp: 2118

Ion Ratio Lower Upper

276 100

138 140.8 19.8 29.6#

277 89.4 19.8 29.6#

