

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032646.D
 Acq On : 11 Jul 2024 21:21
 Operator : MA/JU
 Sample : P3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0

Quant Time: Jul 12 01:56:32 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)

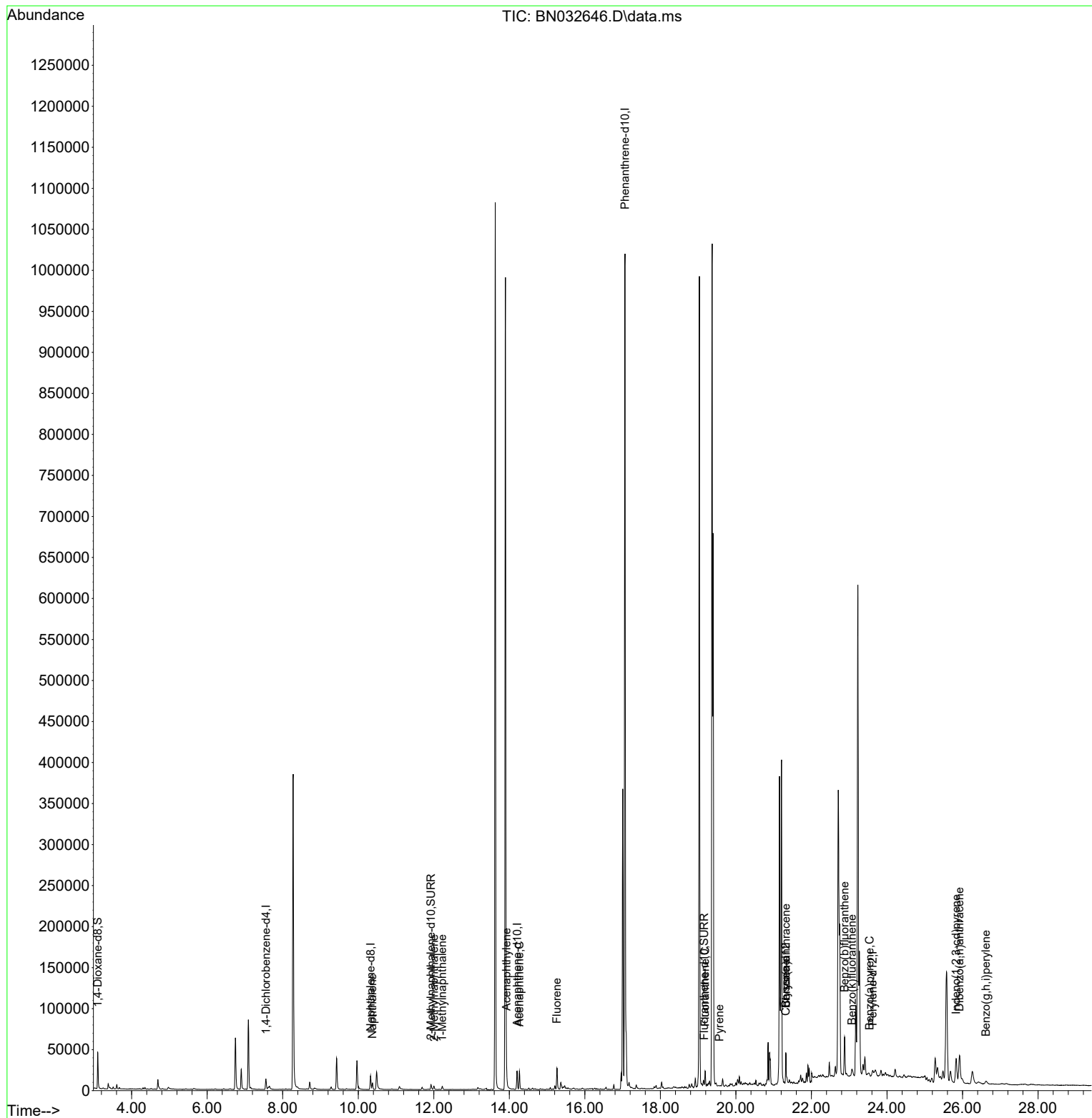
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7312	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	23327	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	13098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	1198224	0.400	ng/ul	0.07
17) Chrysene-d12	21.317	240	293	0.400	ng/ul	# 0.12
23) Perylene-d12	23.620	264	3264	0.400	ng/ul	# 0.22
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	29421	3.351	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	9291	0.264	ng/ul	-0.04
18) Fluoranthene-d10	19.162	212	73	0.076	ng/ul	0.13
Target Compounds						Qvalue
5) Naphthalene	10.376	128	10998	0.176	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	3584	0.092	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	3231	0.080	ng/ul	98
10) Acenaphthylene	13.925	152	23219	0.439	ng/ul	99
11) Acenaphthene	14.267	153	13411	0.306	ng/ul	99
12) Fluorene	15.262	166	17711	0.354	ng/ul	99
19) Fluoranthene	19.185	202	16711	14.028	ng/ul#	95
20) Pyrene	19.561	202	821	0.666	ng/ul#	49
21) Benzo(a)anthracene	21.322	228	31295	33.555	ng/ul#	52
22) Chrysene	21.322	228	31907	23.649	ng/ul#	55
24) Benzo(b)fluoranthene	22.877	252	59367	5.155	ng/ul	86
25) Benzo(k)fluoranthene	23.073	252	7459	0.531	ng/ul#	1
26) Benzo(a)pyrene	23.541	252	1952	0.196	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.831	276	11280	0.836	ng/ul#	35
28) Dibenzo(a,h)anthracene	25.921	278	58173	5.561	ng/ul#	94
29) Benzo(g,h,i)perylene	26.622	276	5268	0.467	ng/ul#	5

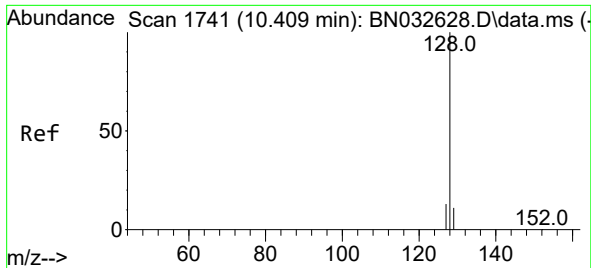
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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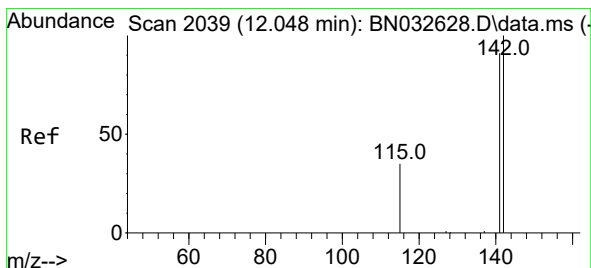
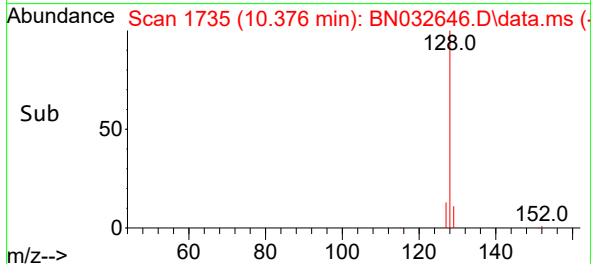
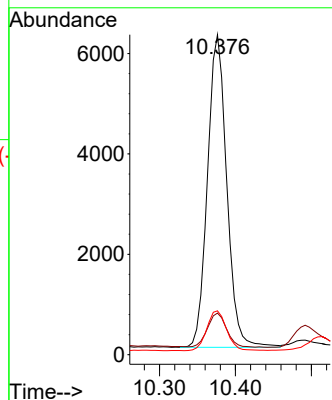
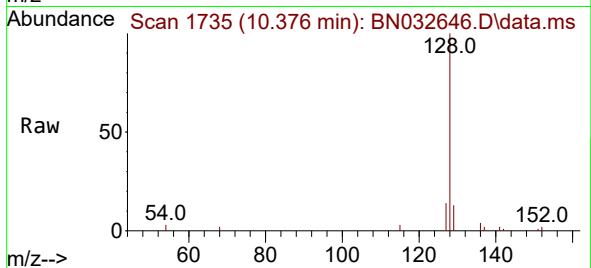




#5
Naphthalene
Concen: 0.176 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

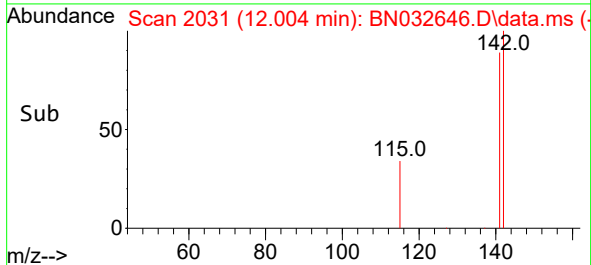
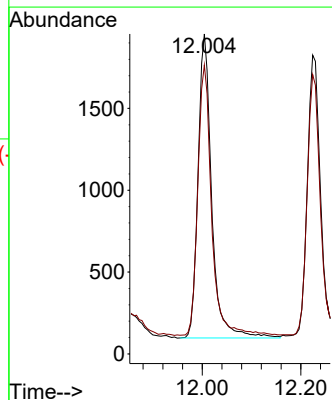
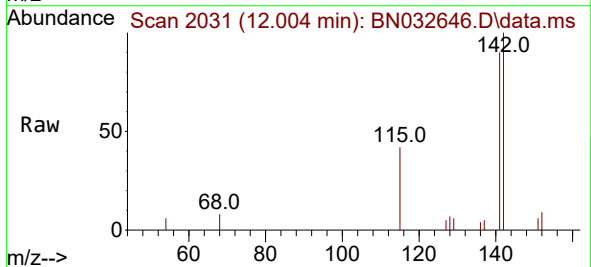
Instrument :
BNA_N
ClientSampleId :
A4CX0

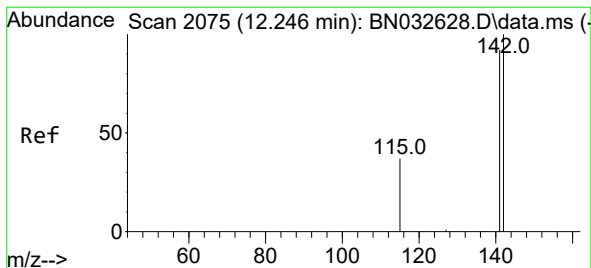
Tgt Ion:128 Resp: 10998
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 13.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

Tgt Ion:142 Resp: 3584
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0

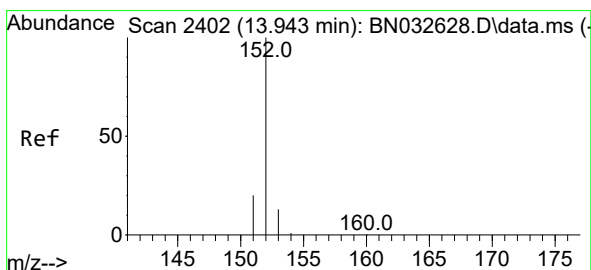
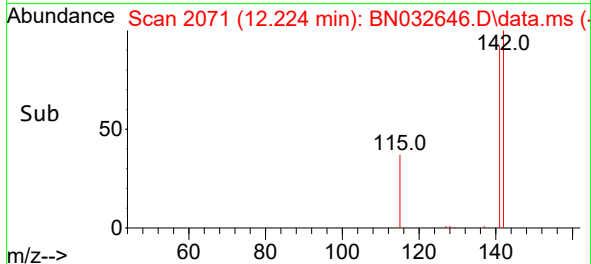
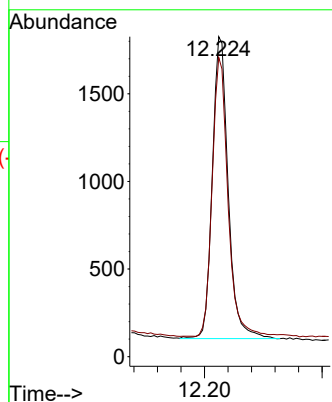
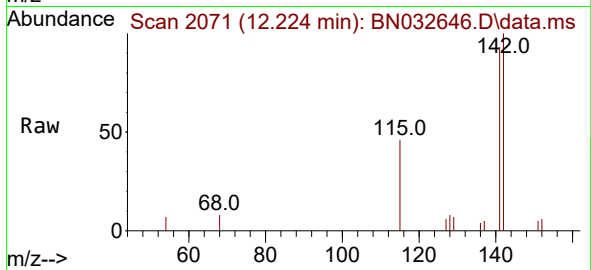




#8
1-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.224 min Scan# 2075
Delta R.T. -0.022 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

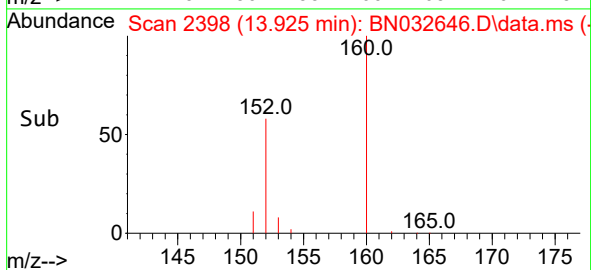
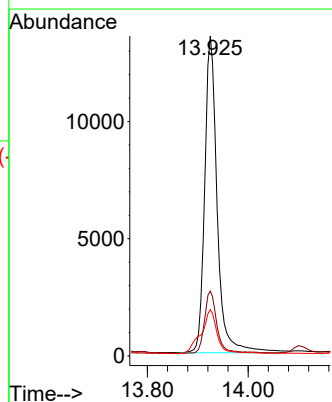
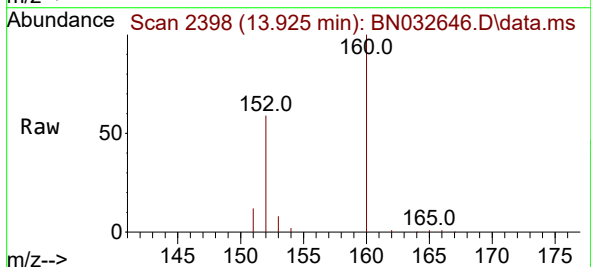
Instrument :
BNA_N
ClientSampleId :
A4CX0

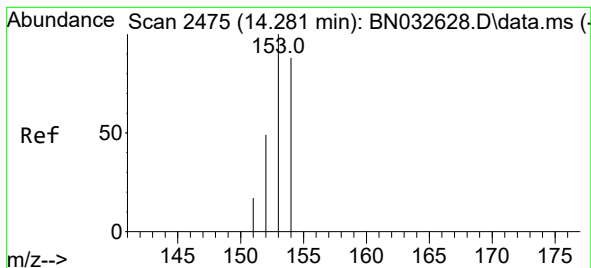
Tgt Ion:142 Resp: 3231
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4



#10
Acenaphthylene
Concen: 0.439 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

Tgt Ion:152 Resp: 23219
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.4 11.3 16.9





#11

Acenaphthene

Concen: 0.306 ng/ul

RT: 14.267 min Scan# 2472

Delta R.T. -0.014 min

Lab File: BN032646.D

Acq: 11 Jul 2024 21:21

Instrument :

BNA_N

ClientSampleId :

A4CX0

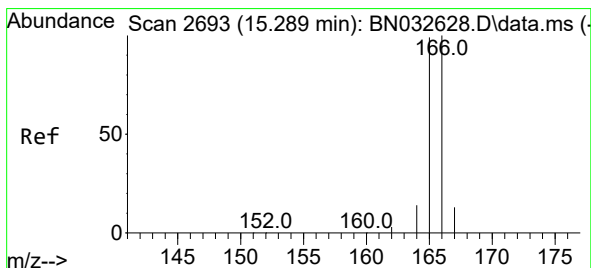
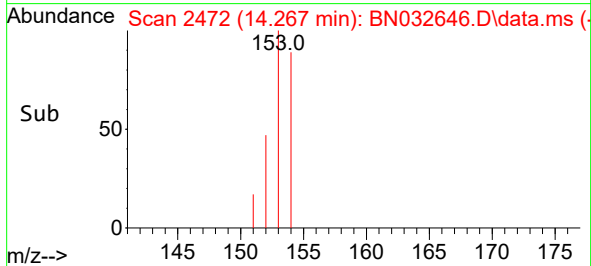
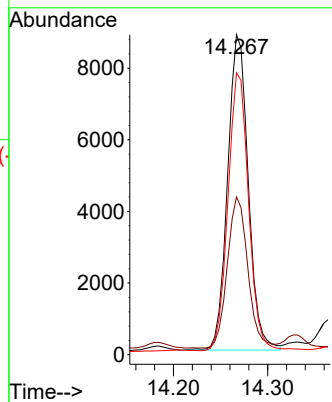
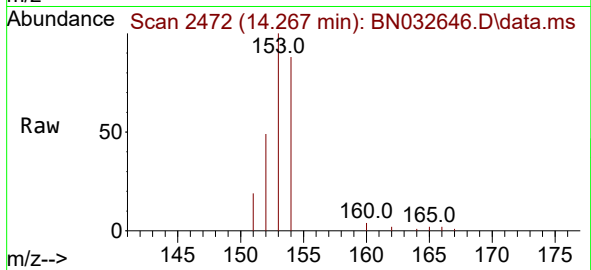
Tgt Ion:153 Resp: 13411

Ion Ratio Lower Upper

153 100

152 49.3 40.0 60.0

154 88.1 70.2 105.4



#12

Fluorene

Concen: 0.354 ng/ul

RT: 15.262 min Scan# 2687

Delta R.T. -0.028 min

Lab File: BN032646.D

Acq: 11 Jul 2024 21:21

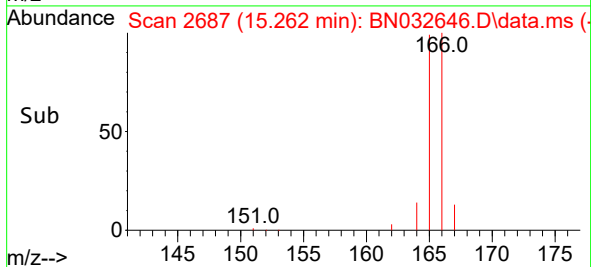
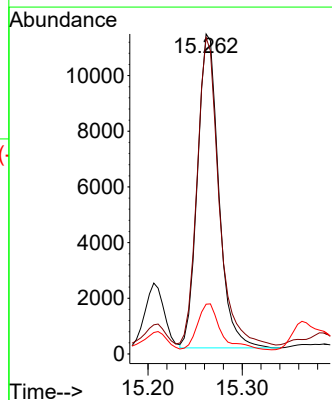
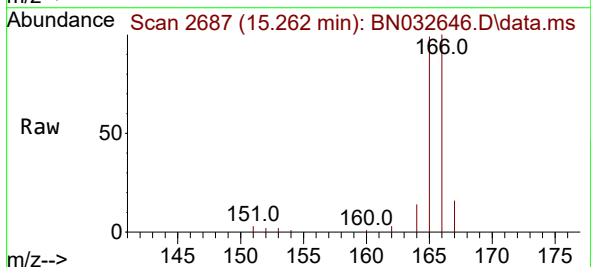
Tgt Ion:166 Resp: 17711

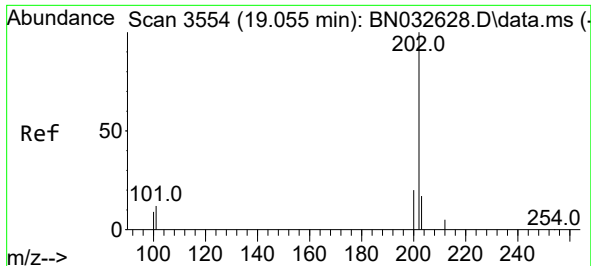
Ion Ratio Lower Upper

166 100

165 98.9 79.7 119.5

167 15.6 11.4 17.2

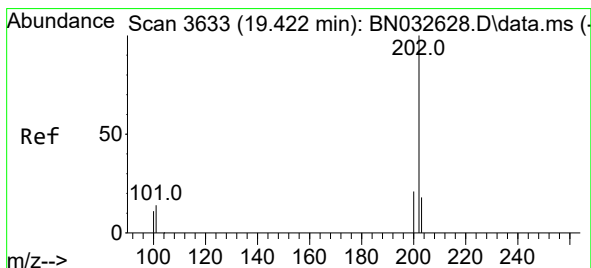
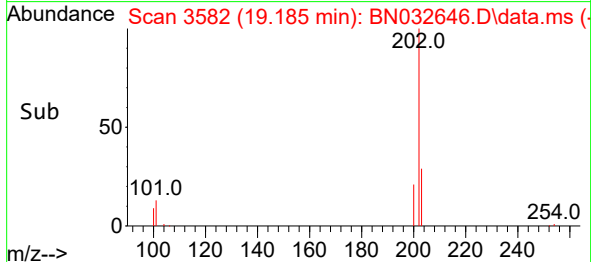
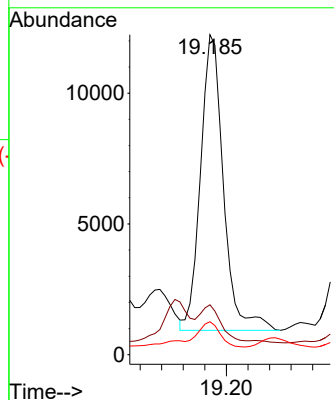
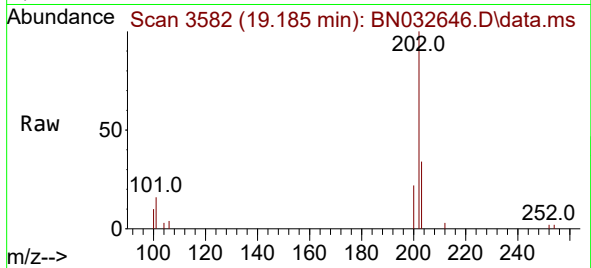




#19
Fluoranthene
Concen: 14.028 ng/ul
RT: 19.185 min Scan# 3582
Delta R.T. 0.130 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

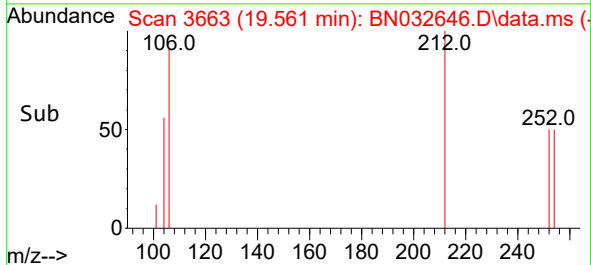
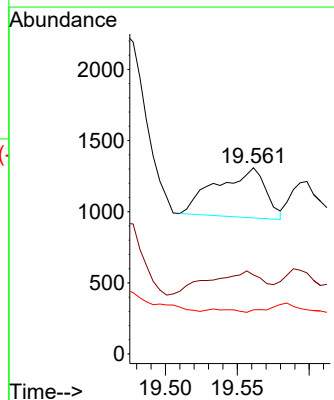
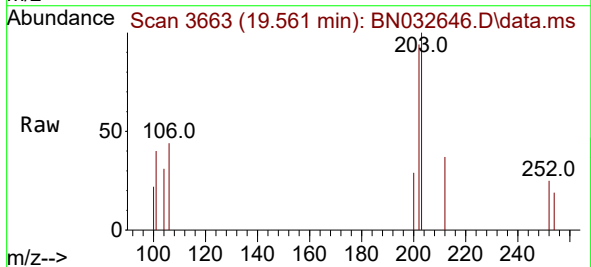
Instrument :
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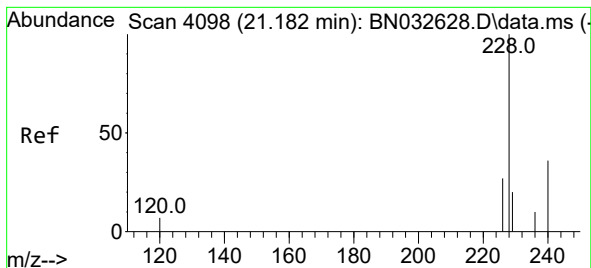
Tgt Ion:202 Resp: 16711
Ion Ratio Lower Upper
202 100
101 15.6 9.8 14.8#
100 10.3 7.9 11.9



#20
Pyrene
Concen: 0.666 ng/ul
RT: 19.561 min Scan# 3663
Delta R.T. 0.139 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

Tgt Ion:202 Resp: 821
Ion Ratio Lower Upper
202 100
101 42.5 11.8 17.6#
100 23.8 9.6 14.4#





#21

Benzo(a)anthracene

Concen: 33.555 ng/ul

RT: 21.322 min Scan# 4146

Delta R.T. 0.140 min

Lab File: BN032646.D

Acq: 11 Jul 2024 21:21

Instrument :

BNA_N

ClientSampleId :

A4CX0

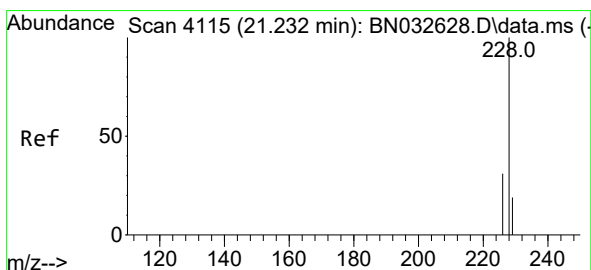
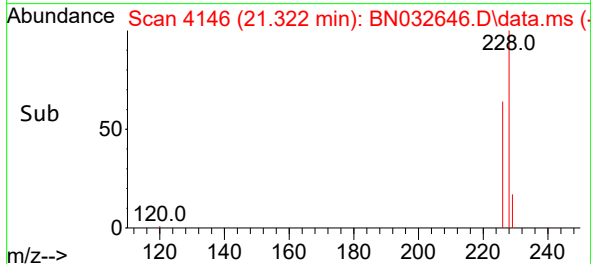
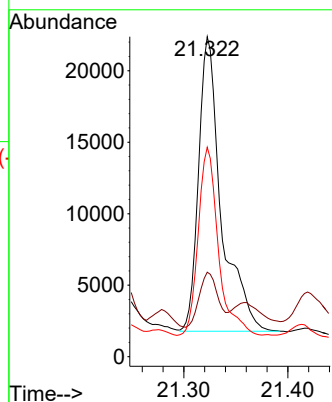
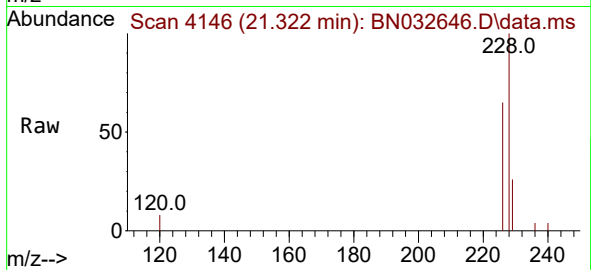
Tgt Ion:228 Resp: 31295

Ion Ratio Lower Upper

228 100

229 26.4 16.1 24.1#

226 65.4 21.9 32.9#



#22

Chrysene

Concen: 23.649 ng/ul

RT: 21.322 min Scan# 4146

Delta R.T. 0.091 min

Lab File: BN032646.D

Acq: 11 Jul 2024 21:21

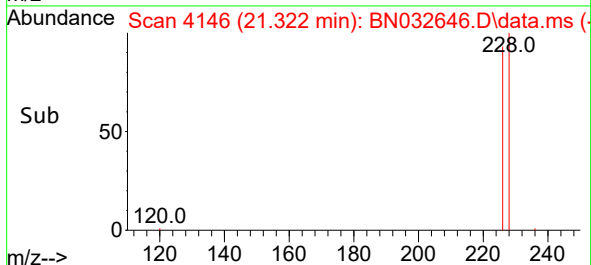
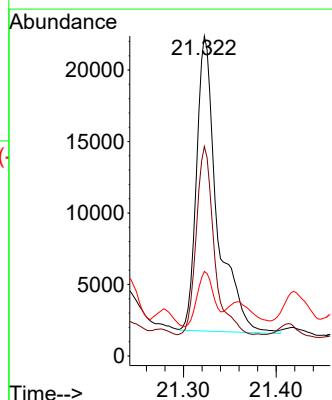
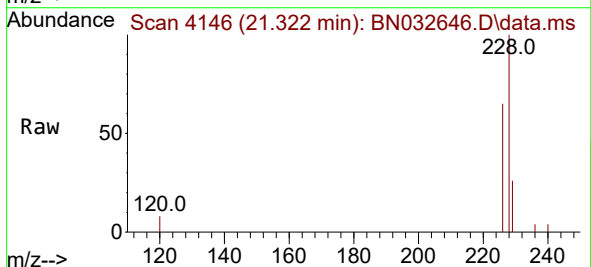
Tgt Ion:228 Resp: 31907

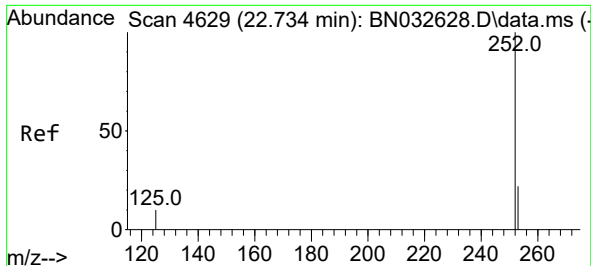
Ion Ratio Lower Upper

228 100

226 65.4 24.0 36.0#

229 26.4 15.8 23.6#

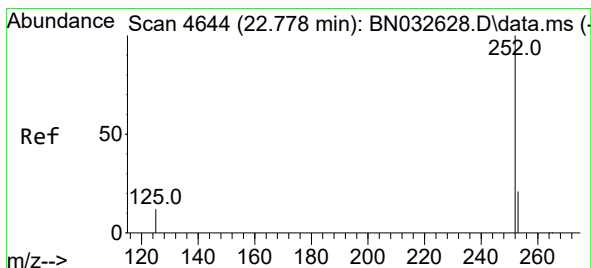
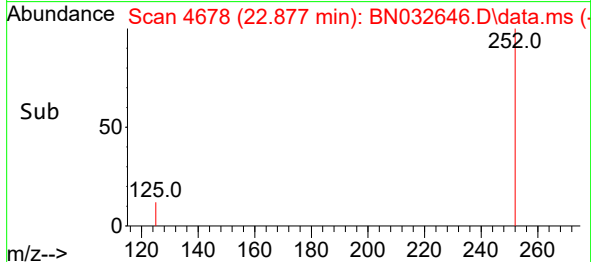
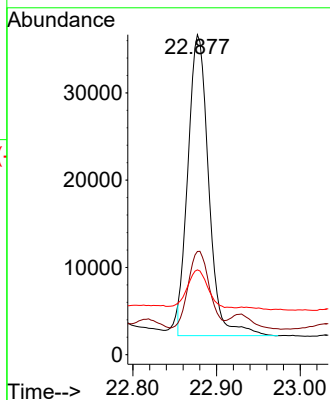
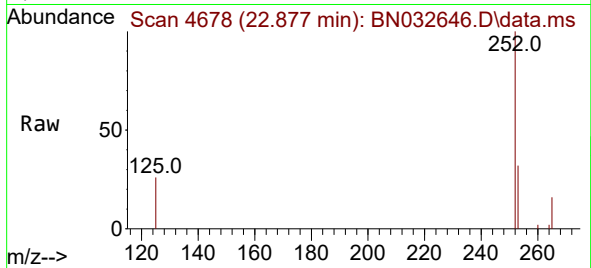




#24
Benzo(b)fluoranthene
Concen: 5.155 ng/ul
RT: 22.877 min Scan# 4745
Delta R.T. 0.143 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

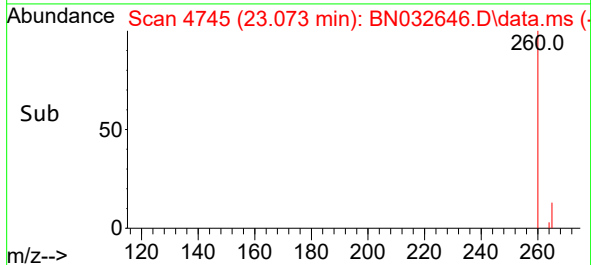
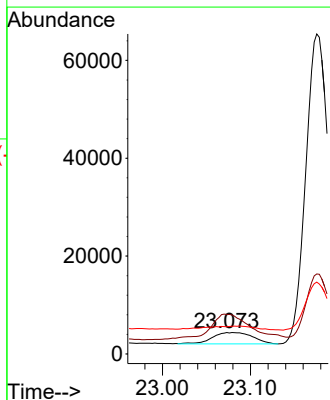
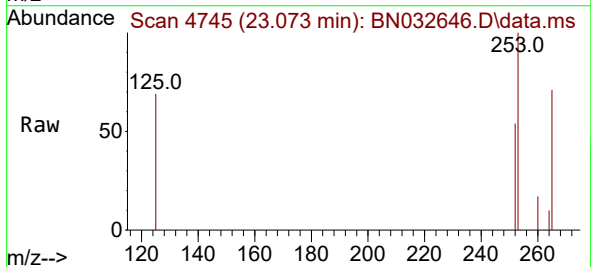
Instrument :
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A4CX0

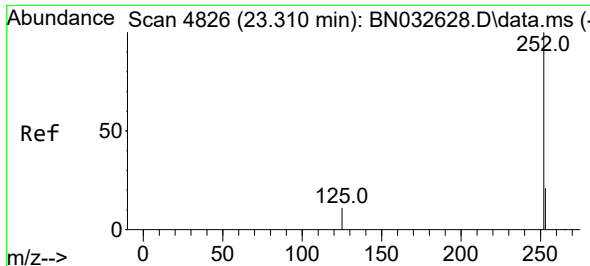
Tgt Ion:252 Resp: 59367
Ion Ratio Lower Upper
252 100
253 32.3 0.0 54.0
125 26.5 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.531 ng/ul
RT: 23.073 min Scan# 4745
Delta R.T. 0.295 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

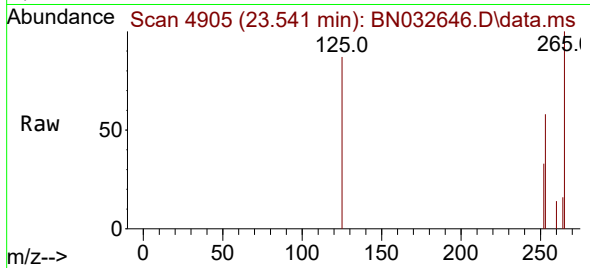
Tgt Ion:252 Resp: 7459
Ion Ratio Lower Upper
252 100
253 184.8 21.2 31.8#
125 127.1 14.8 22.2#



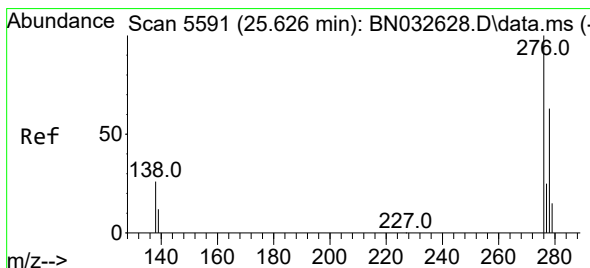
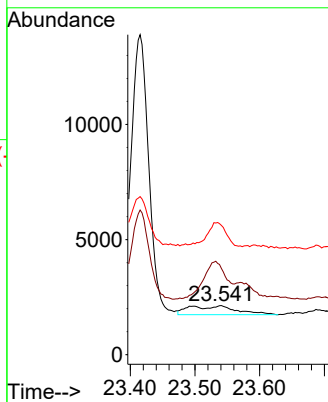
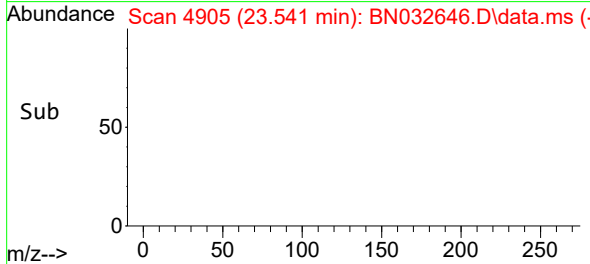


#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.541 min Scan# 4905
Delta R.T. 0.231 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

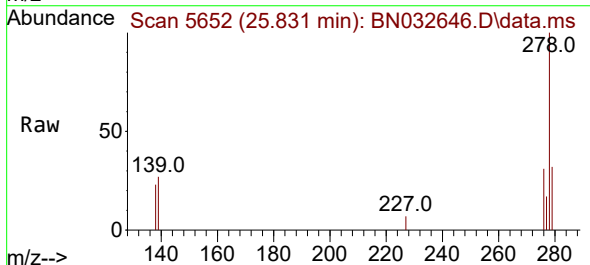
Instrument :
BNA_N
ClientSampleId :
A4CX0



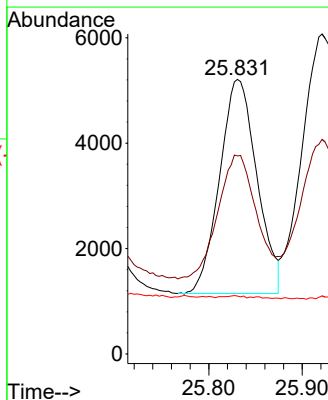
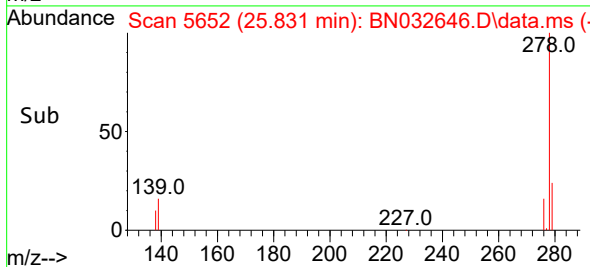
Tgt Ion:252 Resp: 1952
Ion Ratio Lower Upper
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253 175.3 25.4 38.0#
125 262.9 20.6 30.8#

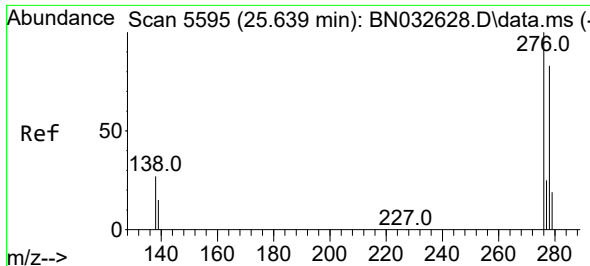


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.836 ng/ul
RT: 25.831 min Scan# 5652
Delta R.T. 0.205 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21



Tgt Ion:276 Resp: 11280
Ion Ratio Lower Upper
276 100
138 60.6 21.6 32.4#
227 1.1 0.0 0.0#

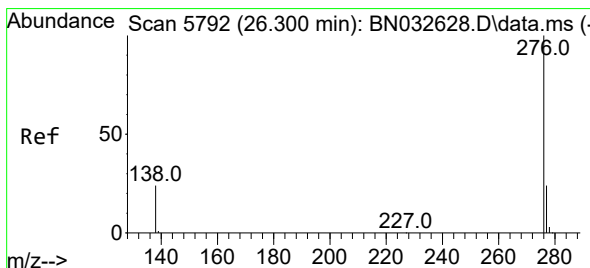
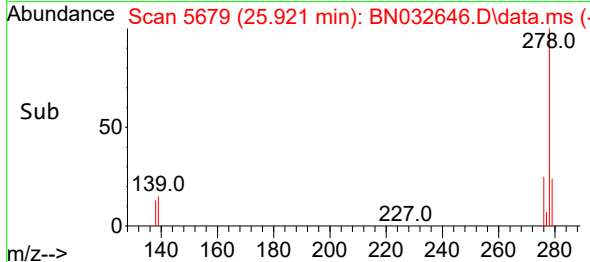
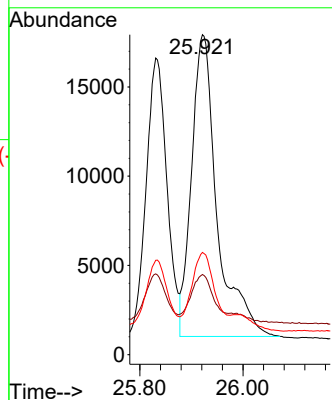
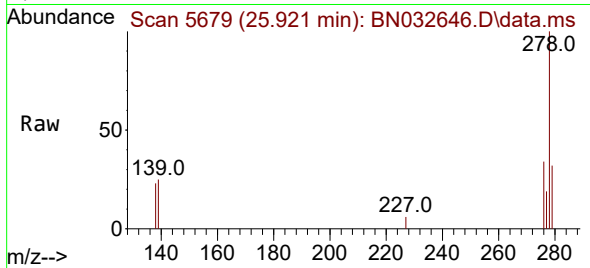




#28
Dibenzo(a,h)anthracene
Concen: 5.561 ng/ul
RT: 25.921 min Scan# 518
Delta R.T. 0.282 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

Instrument :
BNA_N
ClientSampleId :
A4CX0

Tgt Ion:278 Resp: 58173
Ion Ratio Lower Upper
278 100
139 25.0 16.6 24.8#
279 31.9 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.467 ng/ul
RT: 26.622 min Scan# 5888
Delta R.T. 0.322 min
Lab File: BN032646.D
Acq: 11 Jul 2024 21:21

Tgt Ion:276 Resp: 5268
Ion Ratio Lower Upper
276 100
138 70.0 21.0 31.4#
277 78.6 20.6 31.0#

