

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091624\
 Data File : BN033994.D
 Acq On : 16 Sep 2024 18:50
 Operator : JU/RC
 Sample : PB163352BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 00:41:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

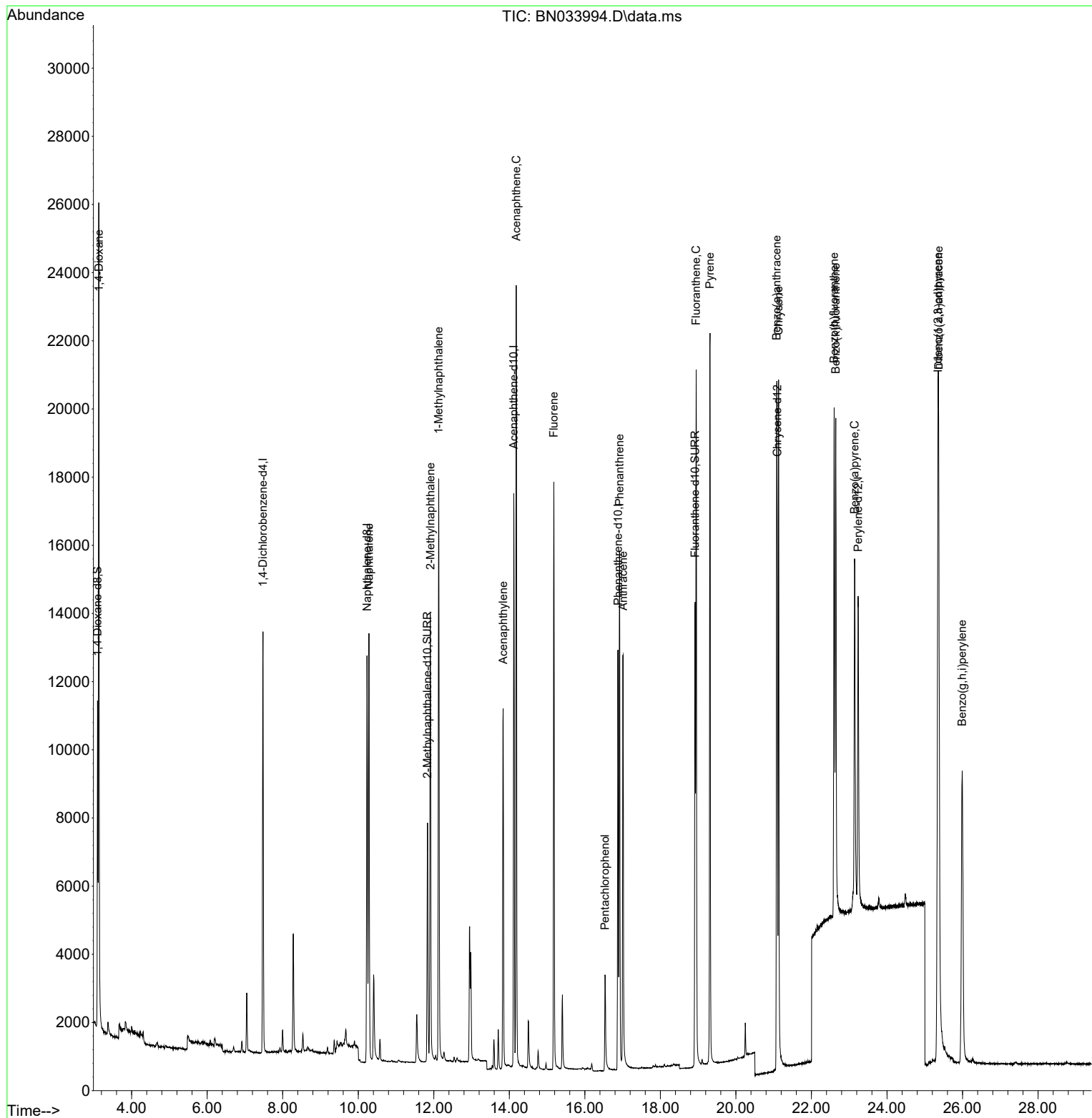
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.477	152	5888	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	15974	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.119	164	9396	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.877	188	14795	0.400	ng/ul	0.00
17) Chrysene-d12	21.095	240	11345	0.400	ng/ul	0.00
23) Perylene-d12	23.237	264	12446	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	5395	0.891	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	9523	0.416	ng/ul	-0.01
18) Fluoranthene-d10	18.920	212	15937	0.471	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	14609	2.175	ng/ul#	78
5) Naphthalene	10.283	128	16582	0.388	ng/ul	100
7) 2-Methylnaphthalene	11.911	142	10213	0.377	ng/ul	100
8) 1-Methylnaphthalene	12.131	142	12064	0.433	ng/ul	100
10) Acenaphthylene	13.837	152	12711	0.298	ng/ul	100
11) Acenaphthene	14.184	153	12679	0.412	ng/ul	99
12) Fluorene	15.178	166	10824	0.314	ng/ul	99
14) Pentachlorophenol	16.535	266	2367	0.508	ng/ul	99
15) Phenanthrene	16.919	178	16251	0.372	ng/ul	100
16) Anthracene	17.012	178	14226	0.363	ng/ul	99
19) Fluoranthene	18.948	202	17770	0.397	ng/ul	99
20) Pyrene	19.315	202	18659	0.393	ng/ul	99
21) Benzo(a)anthracene	21.080	228	16020	0.359	ng/ul	99
22) Chrysene	21.130	228	17937	0.398	ng/ul	100
24) Benzo(b)fluoranthene	22.602	252	17277	0.358	ng/ul	98
25) Benzo(k)fluoranthene	22.643	252	19176	0.397	ng/ul	99
26) Benzo(a)pyrene	23.143	252	16289	0.420	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.351	276	27361	0.469	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.368	278	21032	0.465	ng/ul	99
29) Benzo(g,h,i)perylene	25.992	276	18107	0.398	ng/ul	98

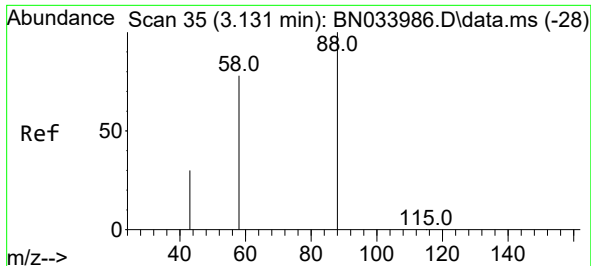
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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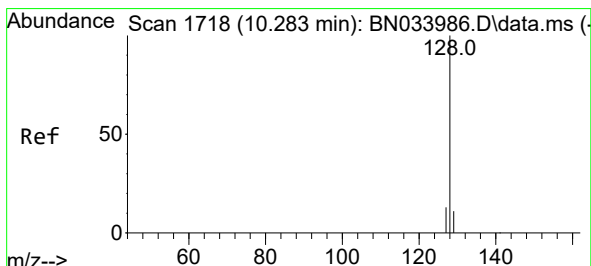
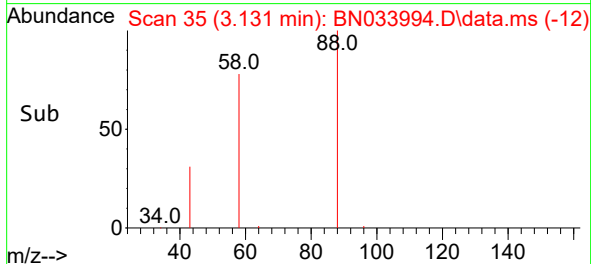
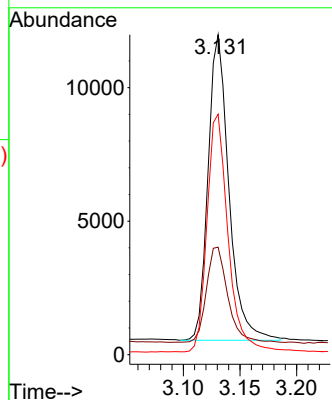
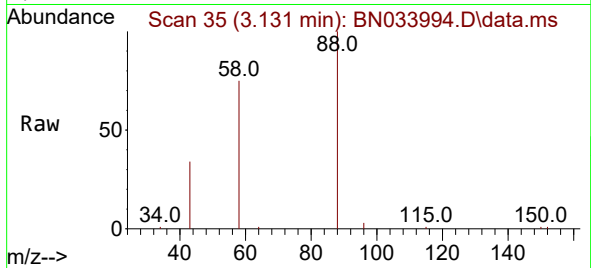




#2
1,4-Dioxane
Concen: 2.175 ng/ul
RT: 3.131 min Scan# 35
Delta R.T. -0.004 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

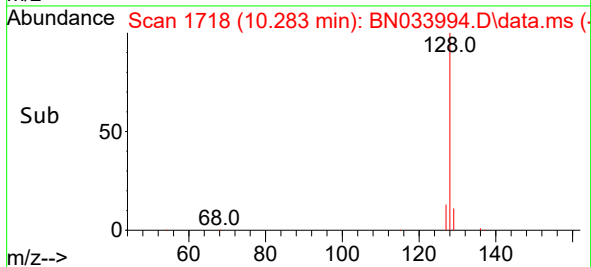
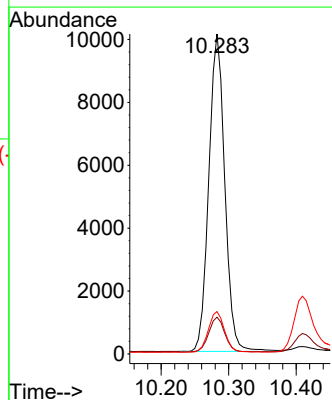
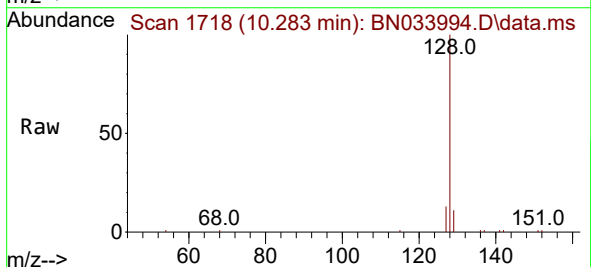
Instrument :
BNA_N
ClientSampleId :

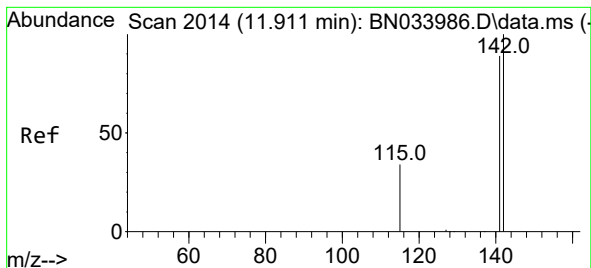
Tgt Ion: 88 Resp: 14609
Ion Ratio Lower Upper
88 100
43 33.6 47.0 70.4#
58 75.2 53.0 79.4



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.283 min Scan# 1718
Delta R.T. -0.011 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

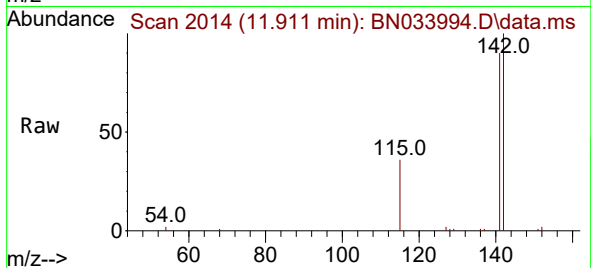
Tgt Ion:128 Resp: 16582
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.2 10.8 16.2



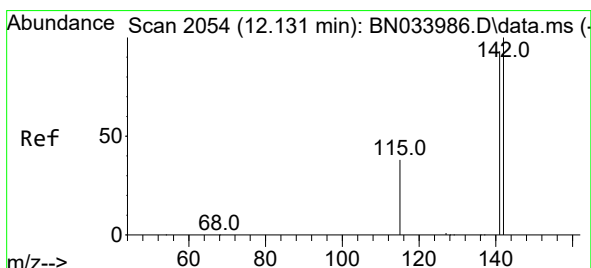
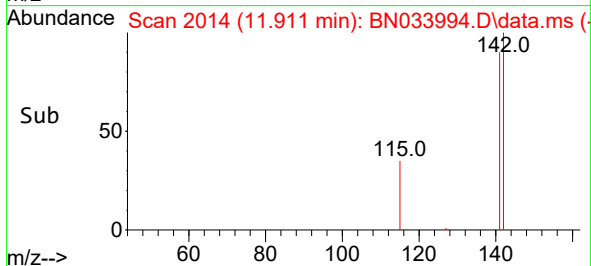
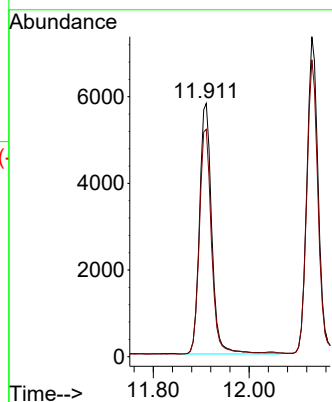


#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 11.911 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Instrument :
BNA_N
ClientSampleId :

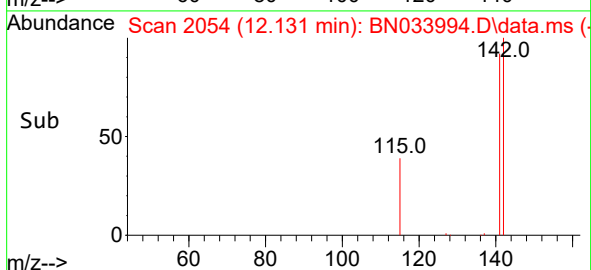
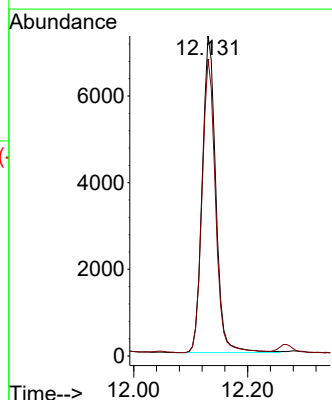
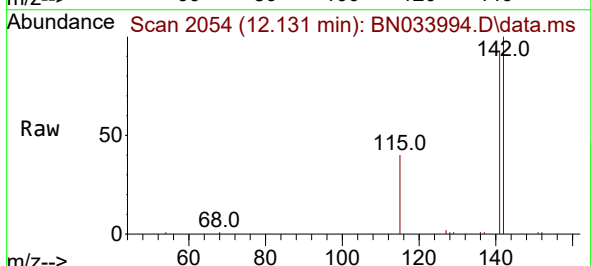


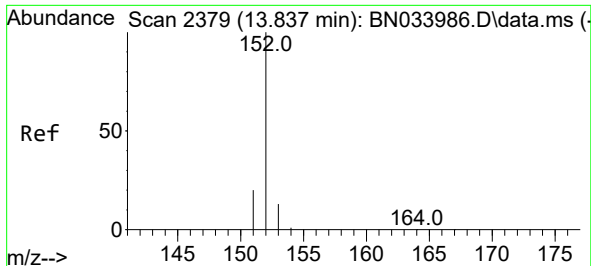
Tgt Ion:142 Resp: 10213
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.131 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

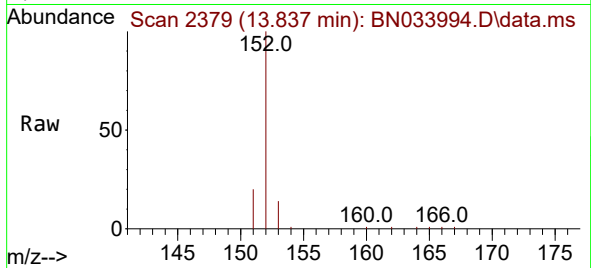
Tgt Ion:142 Resp: 12064
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4



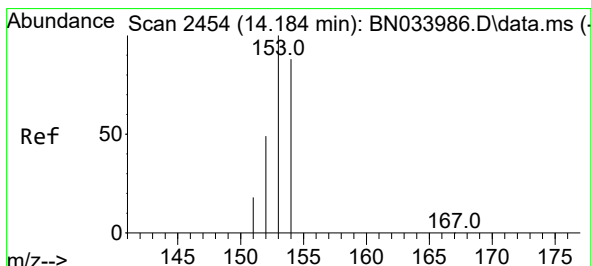
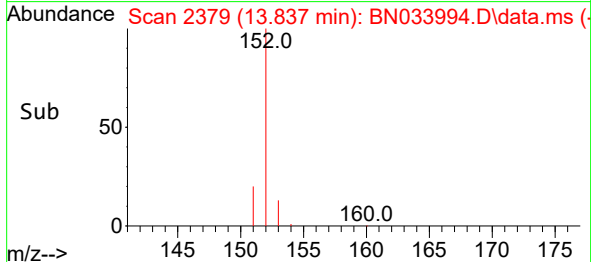
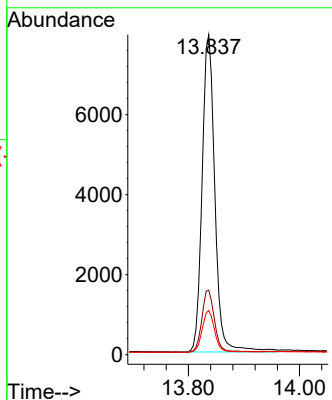


#10
Acenaphthylene
Concen: 0.298 ng/ul
RT: 13.837 min Scan# 2379
Delta R.T. -0.009 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Instrument :
BNA_N
ClientSampleId :

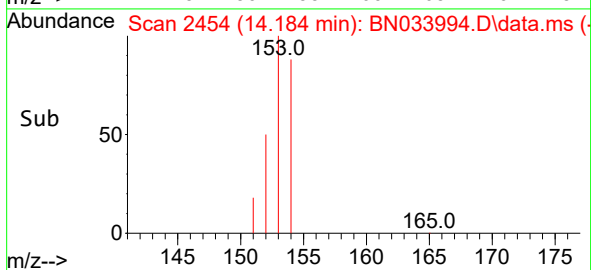
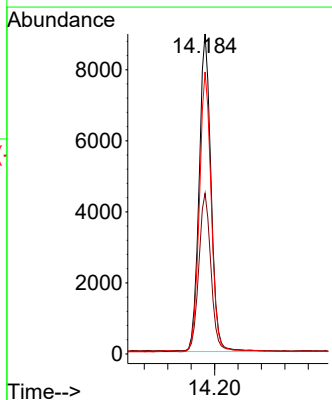
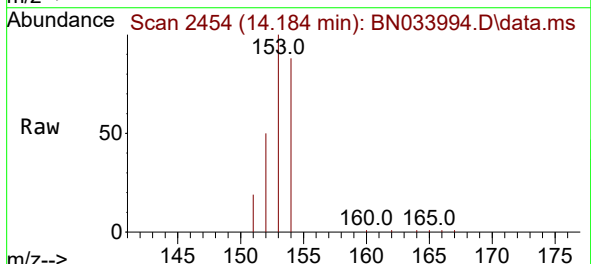


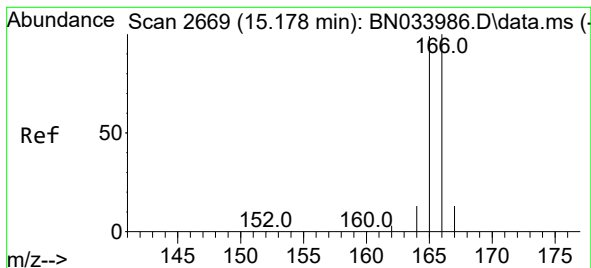
Tgt Ion:152 Resp: 12711
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Tgt Ion:153 Resp: 12679
Ion Ratio Lower Upper
153 100
152 50.2 39.8 59.8
154 88.1 69.0 103.6





#12

Fluorene

Concen: 0.314 ng/ul

RT: 15.178 min Scan# 2

Delta R.T. -0.009 min

Lab File: BN033994.D

Acq: 16 Sep 2024 18:50

Instrument :

BNA_N

ClientSampleId :

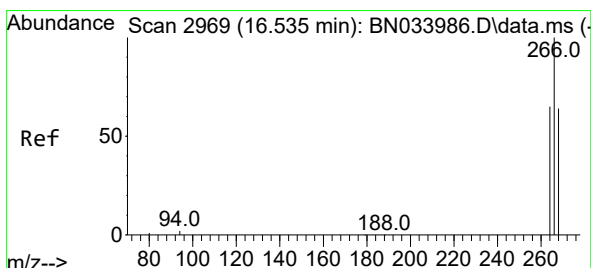
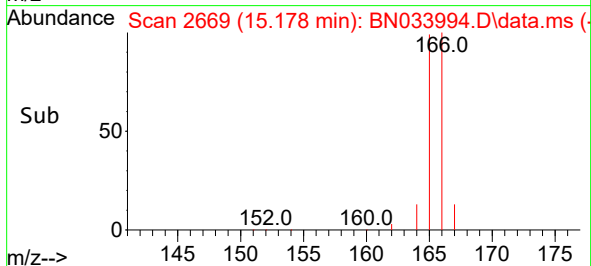
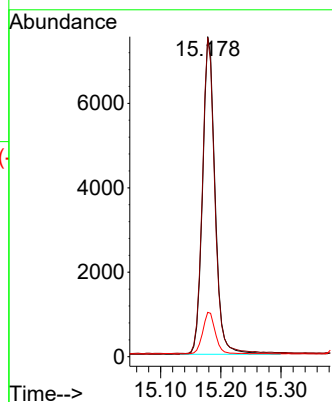
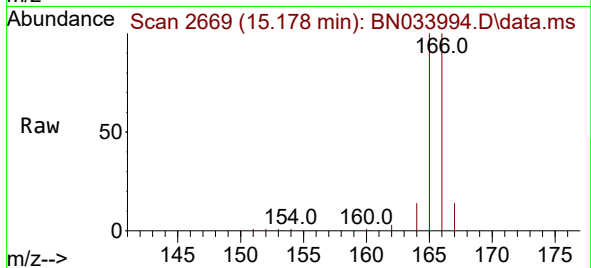
Tgt Ion:166 Resp: 10824

Ion Ratio Lower Upper

166 100

165 99.7 79.1 118.7

167 13.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.508 ng/ul

RT: 16.535 min Scan# 2969

Delta R.T. -0.009 min

Lab File: BN033994.D

Acq: 16 Sep 2024 18:50

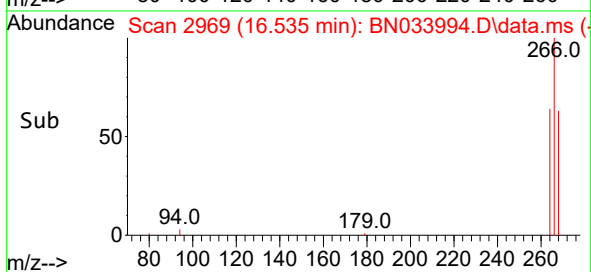
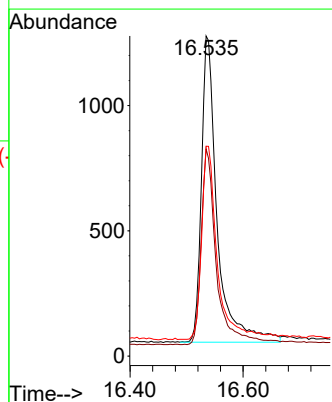
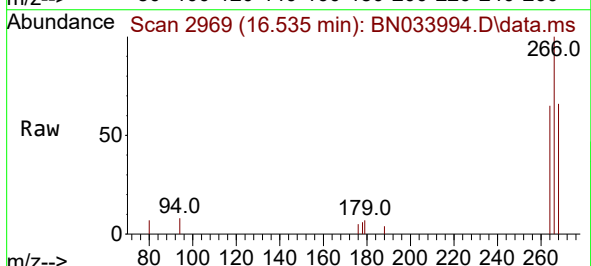
Tgt Ion:266 Resp: 2367

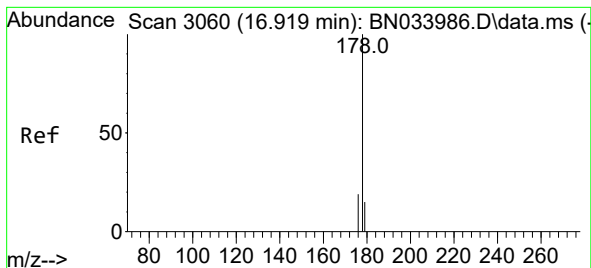
Ion Ratio Lower Upper

266 100

264 62.2 50.3 75.5

268 63.5 51.7 77.5





#15

Phenanthrene

Concen: 0.372 ng/ul

RT: 16.919 min Scan# 3060

Delta R.T. -0.009 min

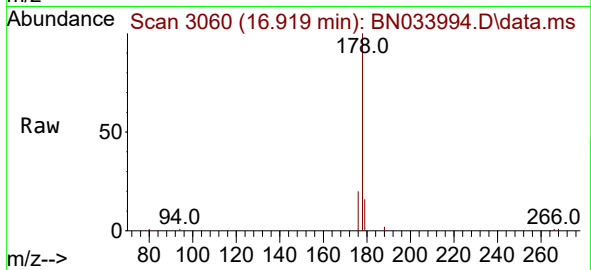
Lab File: BN033994.D

Acq: 16 Sep 2024 18:50

Instrument :

BNA_N

ClientSampleId :



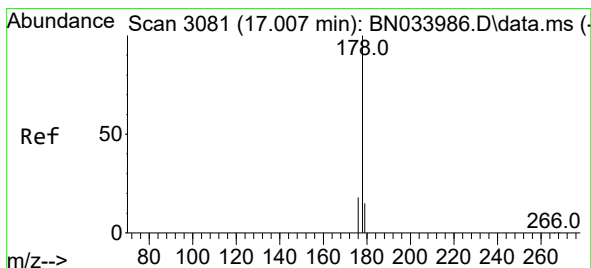
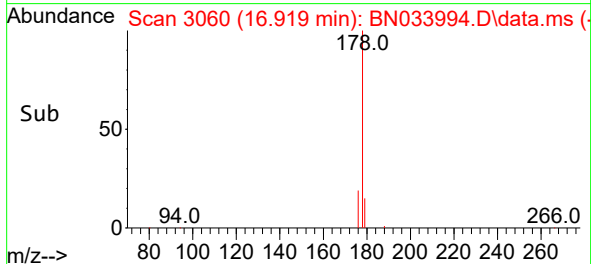
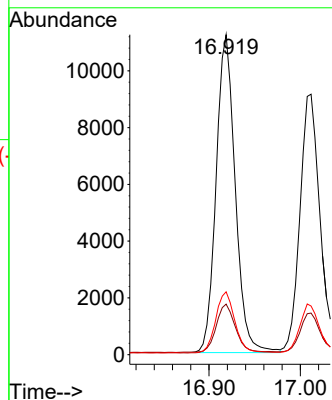
Tgt Ion:178 Resp: 16251

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 19.6 15.7 23.5



#16

Anthracene

Concen: 0.363 ng/ul

RT: 17.012 min Scan# 3082

Delta R.T. -0.004 min

Lab File: BN033994.D

Acq: 16 Sep 2024 18:50

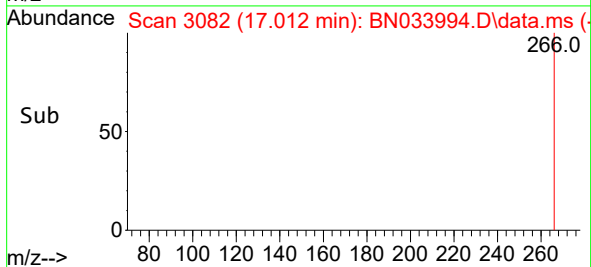
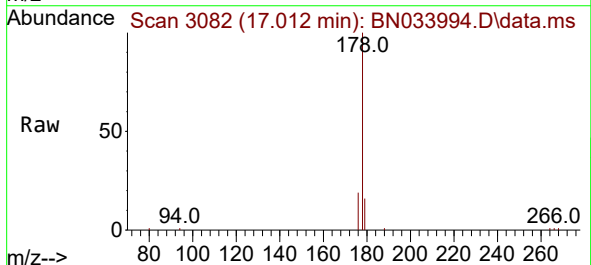
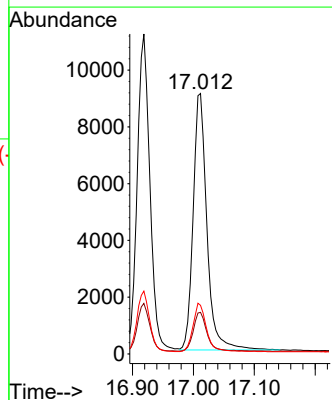
Tgt Ion:178 Resp: 14226

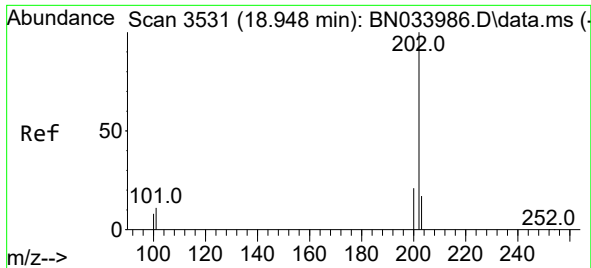
Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.4

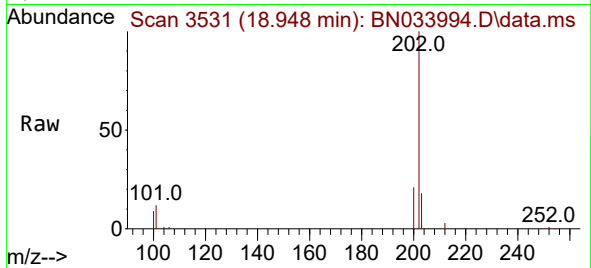
176 18.7 15.2 22.8



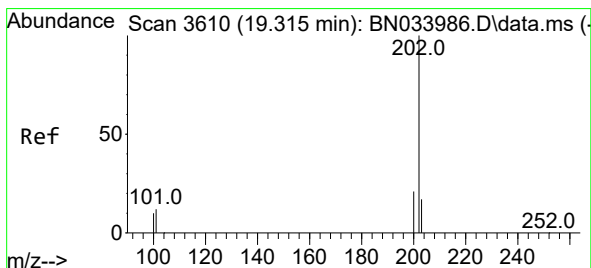
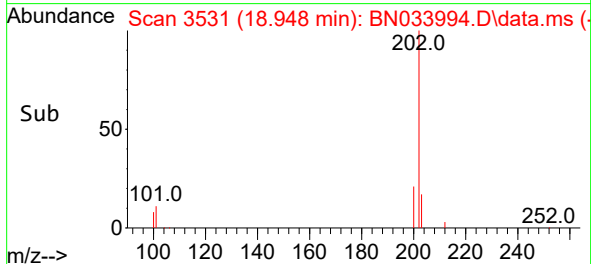
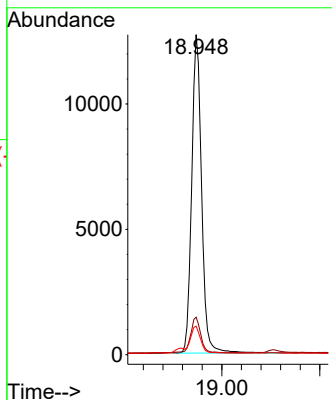


#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 18.948 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Instrument :
BNA_N
ClientSampleId :

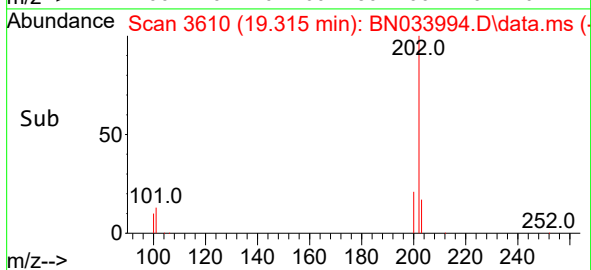
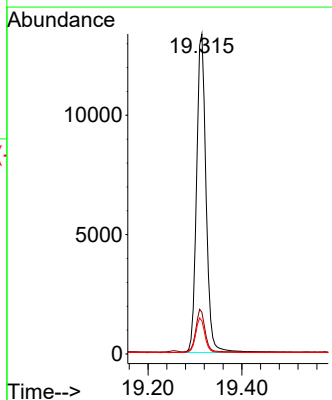
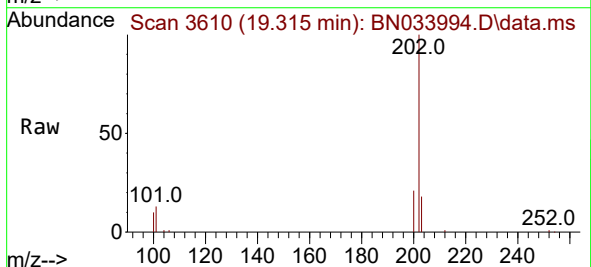


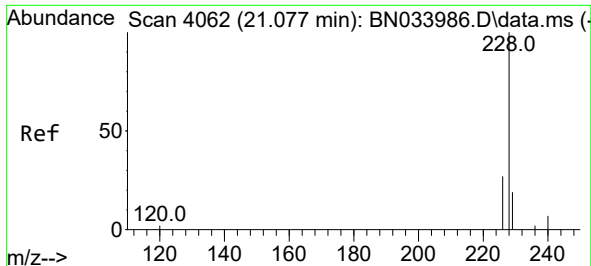
Tgt Ion:202 Resp: 17770
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 8.9 6.7 10.1



#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

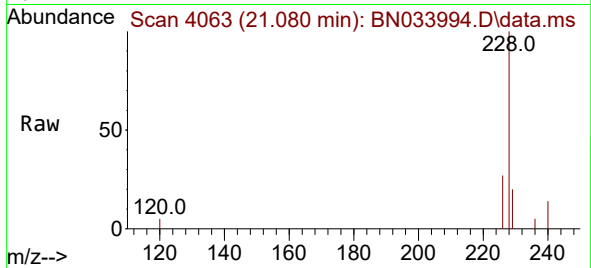
Tgt Ion:202 Resp: 18659
Ion Ratio Lower Upper
202 100
101 13.1 10.8 16.2
100 10.3 8.7 13.1



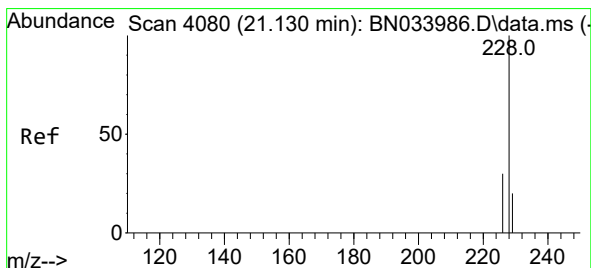
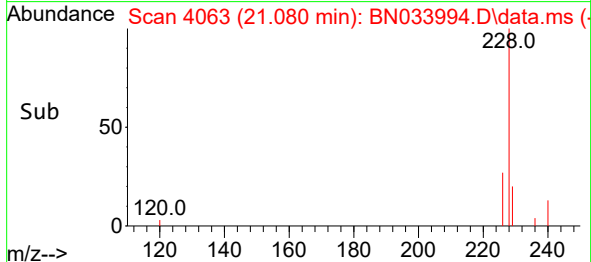
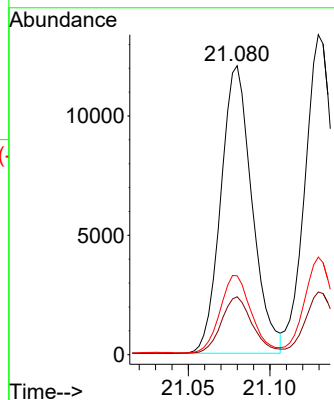


#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.080 min Scan# 4062
Delta R.T. -0.006 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Instrument :
BNA_N
ClientSampleId :

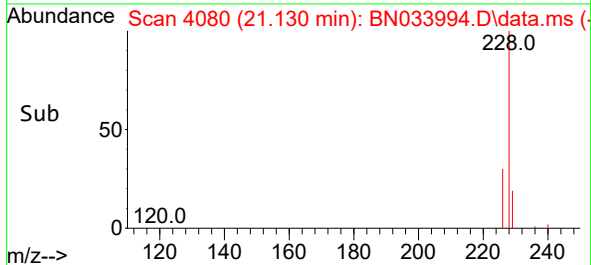
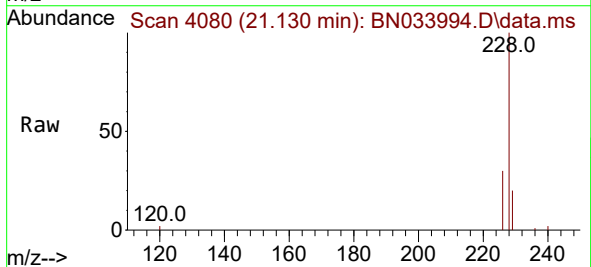
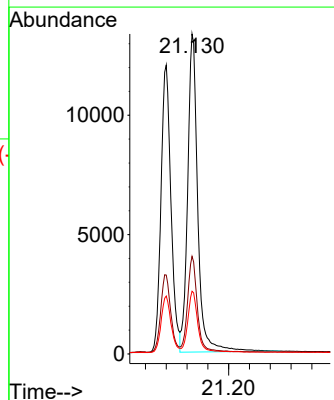


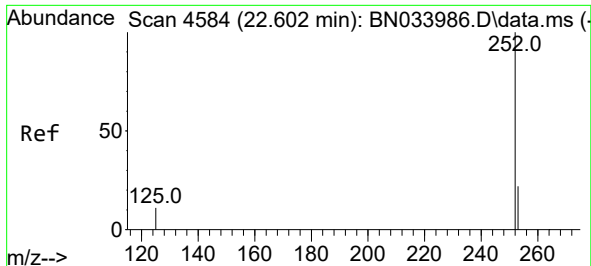
Tgt Ion:228 Resp: 16020
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.130 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

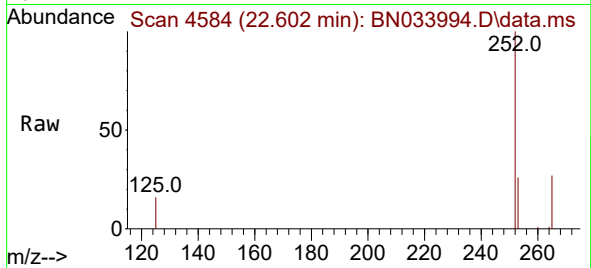
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Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.6 15.6 23.4



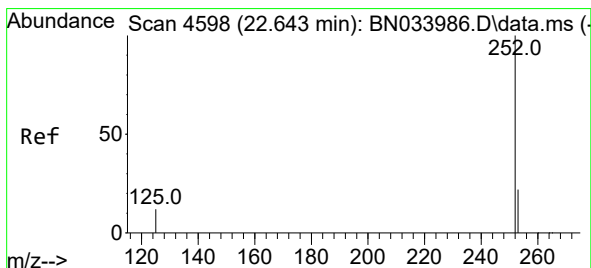
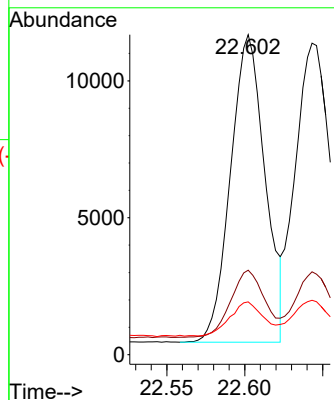


#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 22.602 min Scan# 4584
Delta R.T. -0.006 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Instrument :
BNA_N
ClientSampleId :

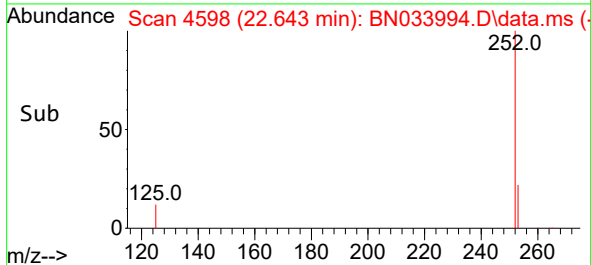
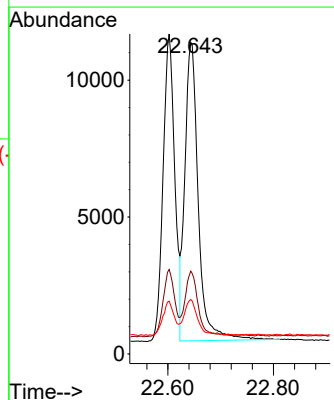
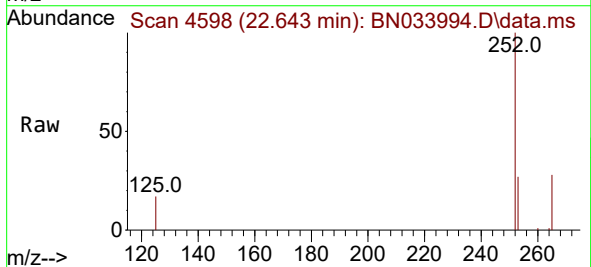


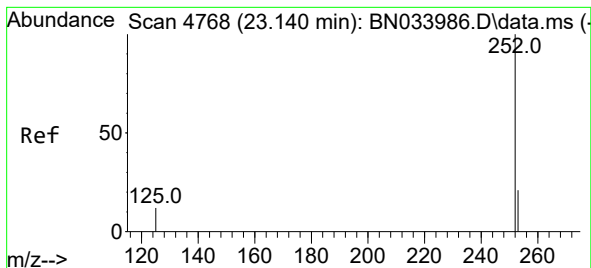
Tgt Ion:252 Resp: 17277
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.8
125 16.5 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 22.643 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Tgt Ion:252 Resp: 19176
Ion Ratio Lower Upper
252 100
253 26.6 21.4 32.0
125 17.4 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.143 min Scan# 4768

Delta R.T. -0.009 min

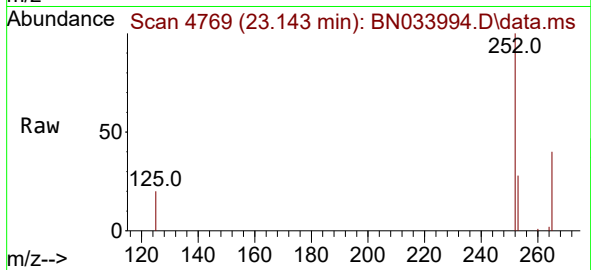
Lab File: BN033994.D

Acq: 16 Sep 2024 18:50

Instrument :

BNA_N

ClientSampleId :



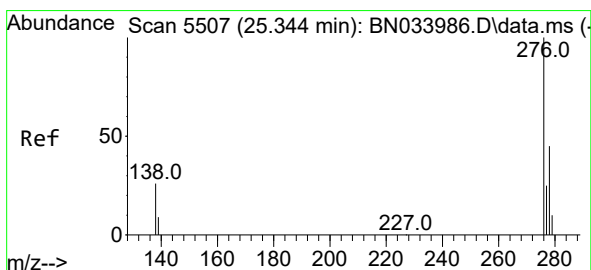
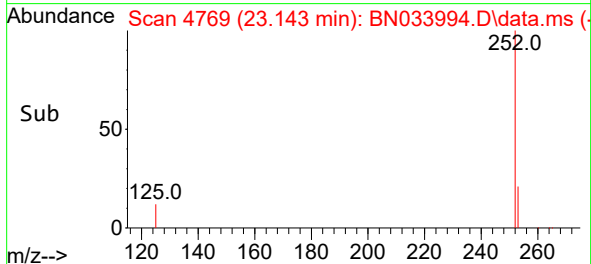
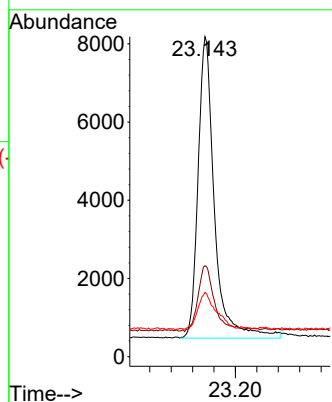
Tgt Ion:252 Resp: 16289

Ion Ratio Lower Upper

252 100

253 28.4 22.8 34.2

125 20.1 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.469 ng/ul

RT: 25.351 min Scan# 5509

Delta R.T. -0.010 min

Lab File: BN033994.D

Acq: 16 Sep 2024 18:50

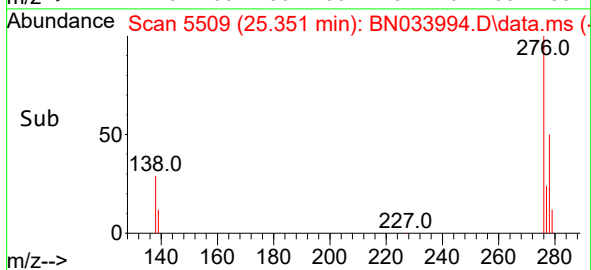
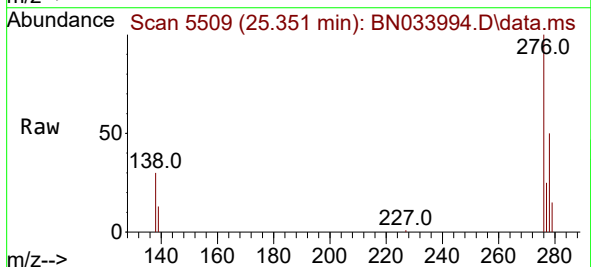
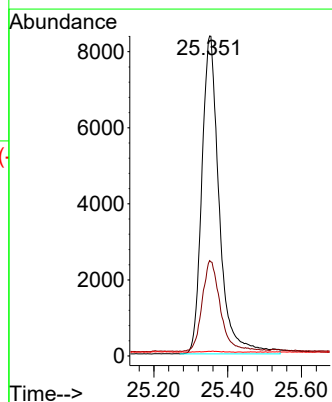
Tgt Ion:276 Resp: 27361

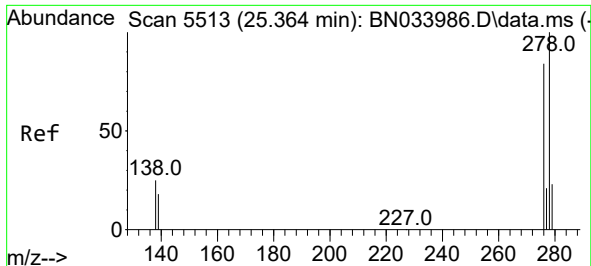
Ion Ratio Lower Upper

276 100

138 30.1 22.3 33.5

227 0.2 0.2 0.4#

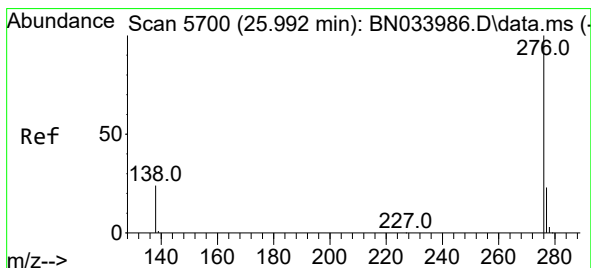
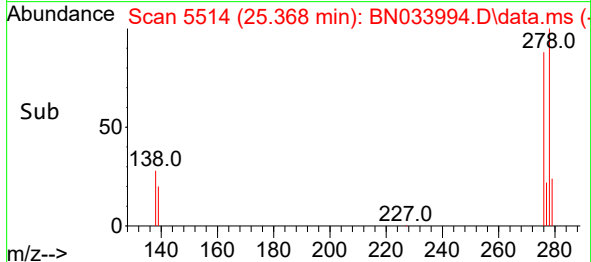
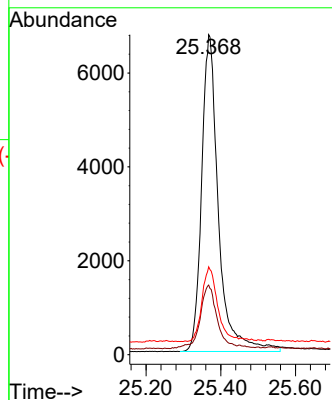
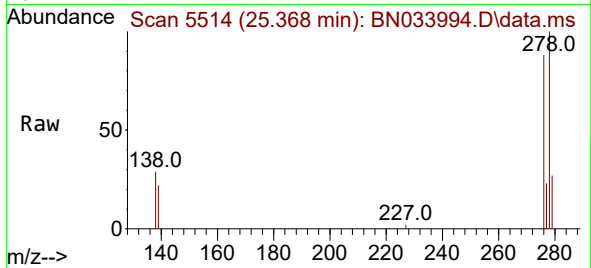




#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 25.368 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 21032
Ion Ratio Lower Upper
278 100
139 21.7 17.3 25.9
279 27.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 25.992 min Scan# 5700
Delta R.T. -0.010 min
Lab File: BN033994.D
Acq: 16 Sep 2024 18:50

Tgt Ion:276 Resp: 18107
Ion Ratio Lower Upper
276 100
138 25.1 20.8 31.2
277 24.2 20.2 30.4

