

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028126.D
 Acq On : 07 Oct 2023 17:50
 Operator : MA/JU
 Sample : PB156035BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 08 00:52:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

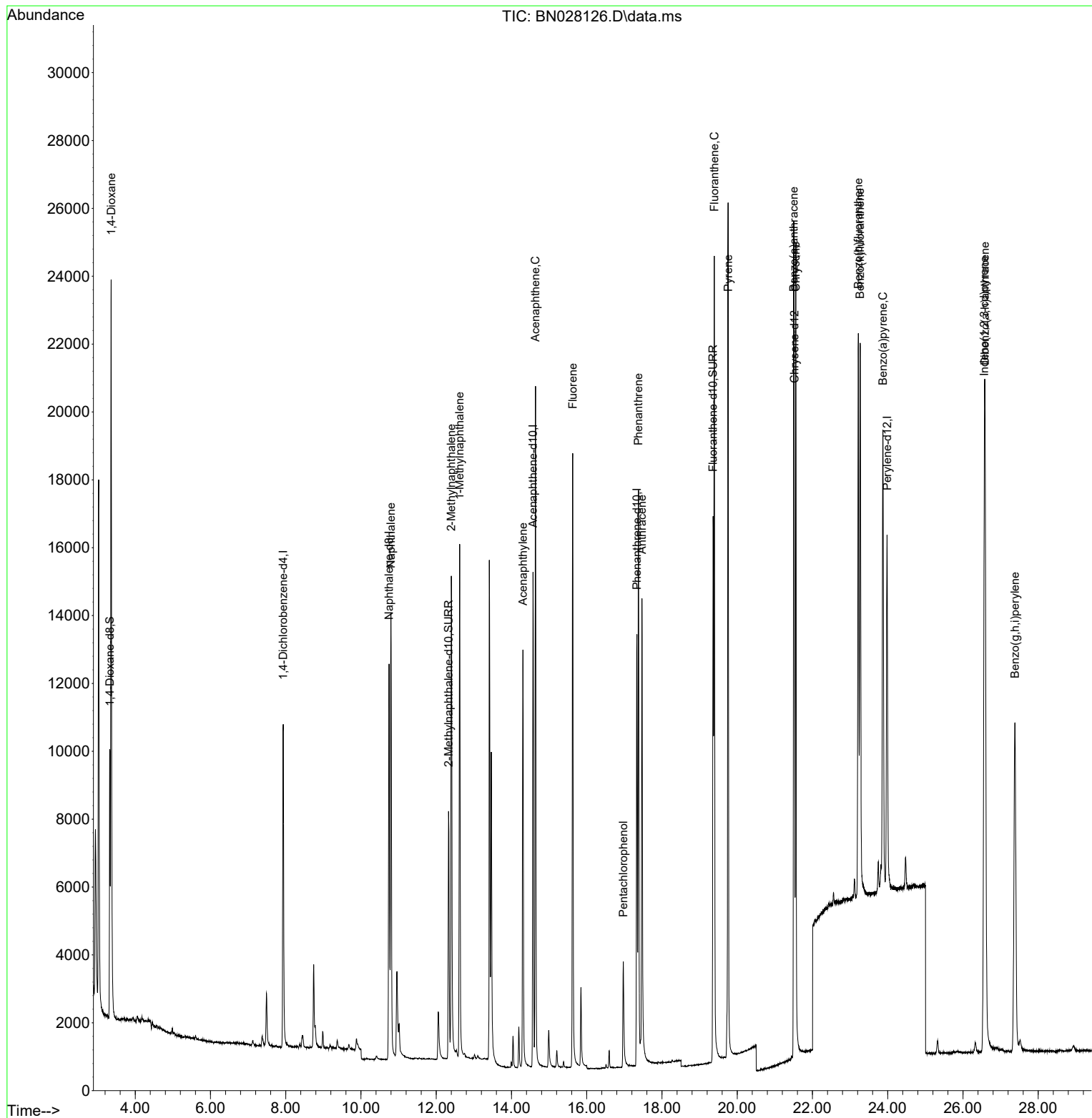
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	5606	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	17120	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	8390	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	15887	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	14147	0.400	ng/ul	0.00
23) Perylene-d12	23.983	264	15810	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	5728	0.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	10806	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	19098	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	17017	2.283	ng/ul#	84
5) Naphthalene	10.795	128	19100	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.401	142	11426	0.372	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	11120	0.350	ng/ul	100
10) Acenaphthylene	14.305	152	15674	0.412	ng/ul	100
11) Acenaphthene	14.638	153	11961	0.395	ng/ul	99
12) Fluorene	15.628	166	12718	0.377	ng/ul	100
14) Pentachlorophenol	16.970	266	2680	0.787	ng/ul	99
15) Phenanthrene	17.375	178	19117	0.404	ng/ul	99
16) Anthracene	17.468	178	17099	0.404	ng/ul	100
19) Fluoranthene	19.390	202	21410	0.396	ng/ul	100
20) Pyrene	19.757	202	22237	0.397	ng/ul	99
21) Benzo(a)anthracene	21.501	228	21364	0.414	ng/ul	100
22) Chrysene	21.557	228	21846	0.419	ng/ul	99
24) Benzo(b)fluoranthene	23.217	252	23346	0.398	ng/ul	98
25) Benzo(k)fluoranthene	23.267	252	23995	0.411	ng/ul	99
26) Benzo(a)pyrene	23.872	252	21887	0.438	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.569	276	28229	0.467	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.586	278	23083	0.469	ng/ul	98
29) Benzo(g,h,i)perylene	27.381	276	23422	0.474	ng/ul	99

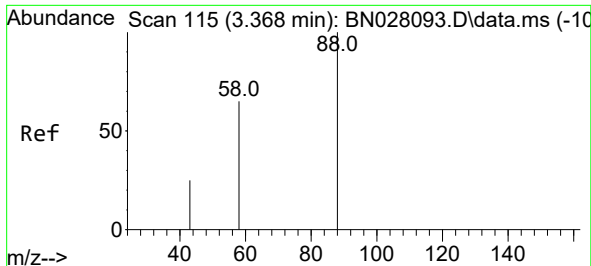
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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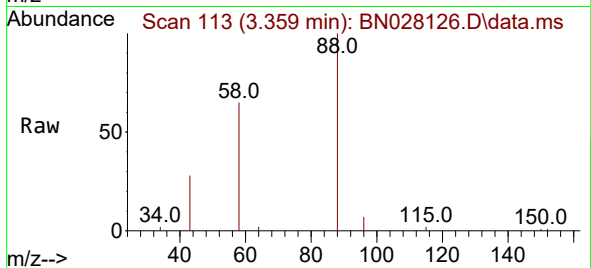
Quant Time: Oct 08 00:52:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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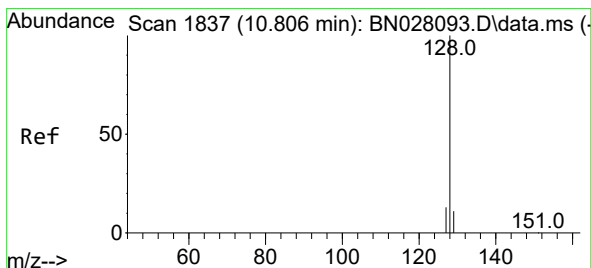
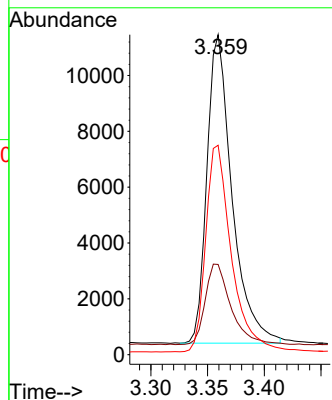
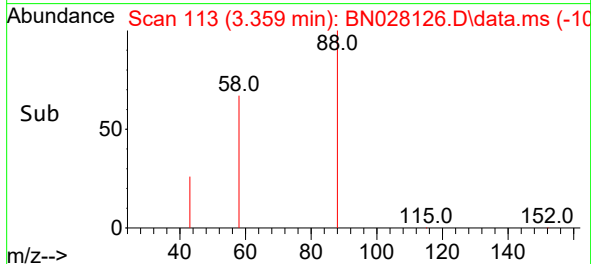


#2
1,4-Dioxane
Concen: 2.283 ng/ul
RT: 3.359 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

Instrument :
BNA_N
ClientSampleId :

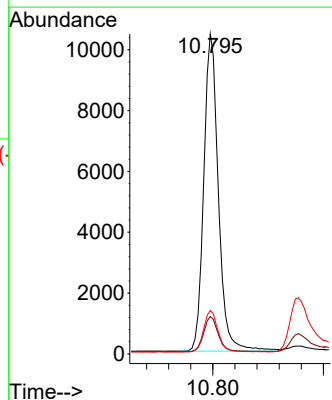
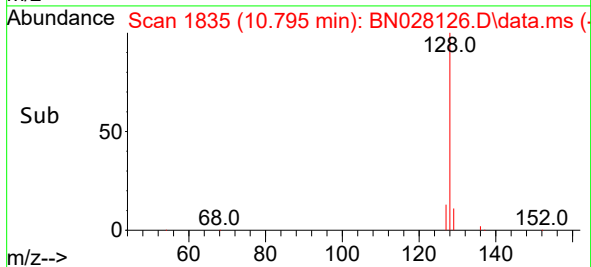
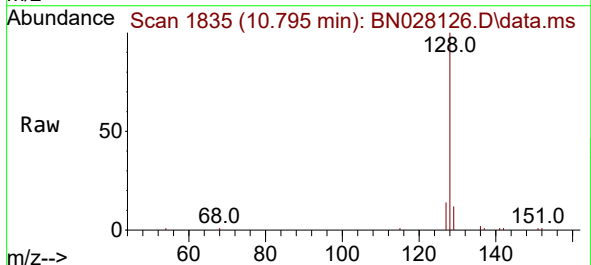


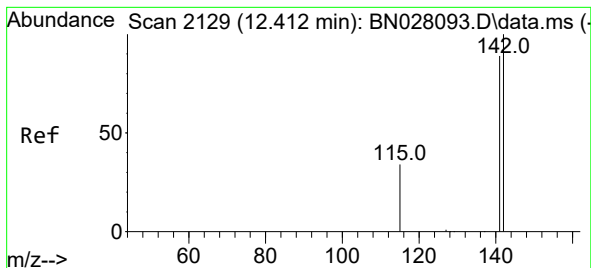
Tgt Ion: 88 Resp: 17017
Ion Ratio Lower Upper
88 100
43 28.2 33.4 50.2#
58 65.4 45.7 68.5



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.795 min Scan# 1835
Delta R.T. -0.011 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

Tgt Ion:128 Resp: 19100
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.5 11.0 16.4

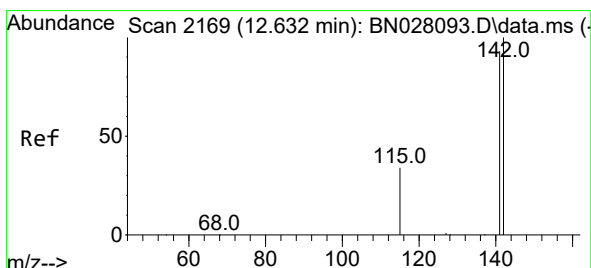
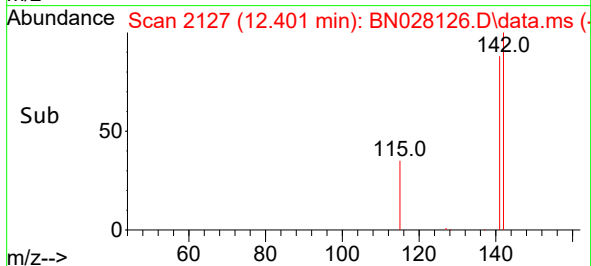
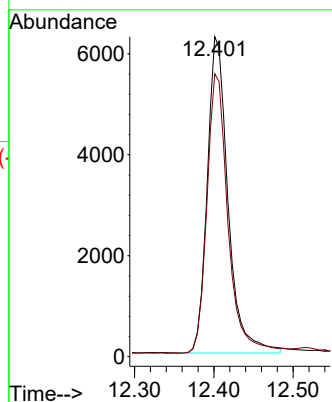
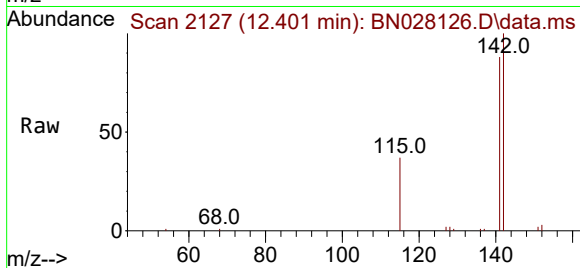




#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

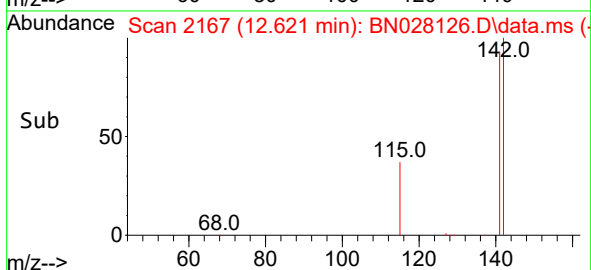
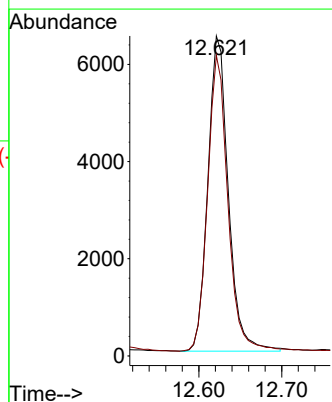
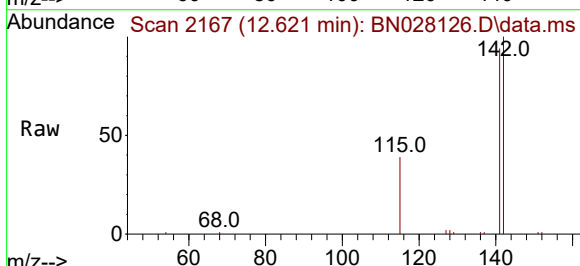
Instrument :
BNA_N
ClientSampleId :

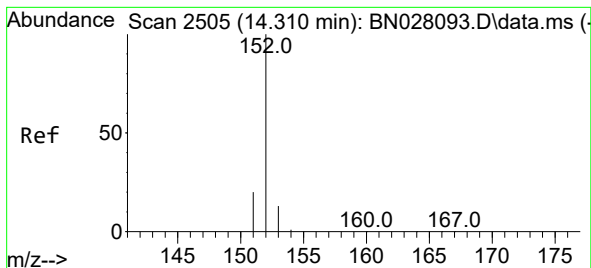
Tgt Ion:142 Resp: 11426
Ion Ratio Lower Upper
142 100
141 89.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.621 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

Tgt Ion:142 Resp: 11120
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6





#10

Acenaphthylene

Concen: 0.412 ng/ul

RT: 14.305 min Scan# 2504

Delta R.T. -0.005 min

Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

Instrument :

BNA_N

ClientSampleId :

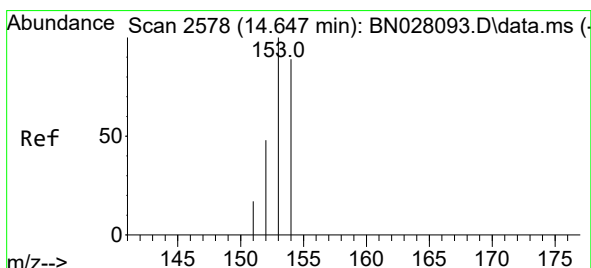
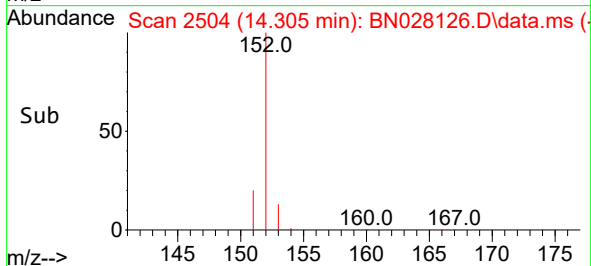
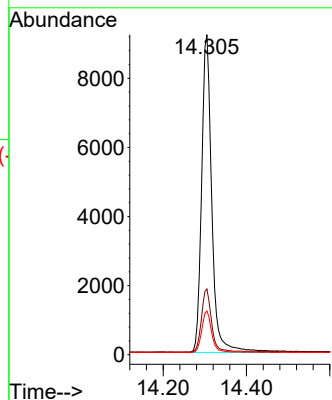
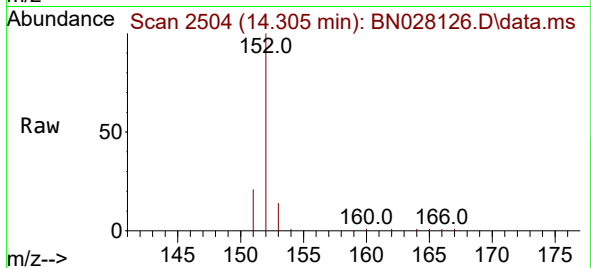
Tgt Ion:152 Resp: 15674

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.7 10.9 16.3



#11

Acenaphthene

Concen: 0.395 ng/ul

RT: 14.638 min Scan# 2576

Delta R.T. -0.005 min

Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

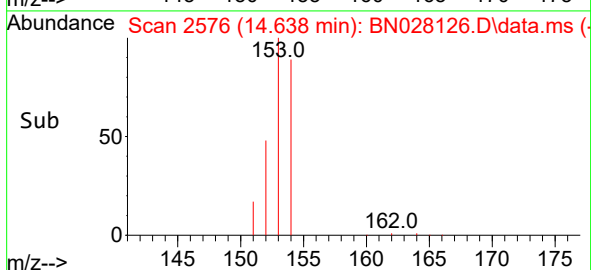
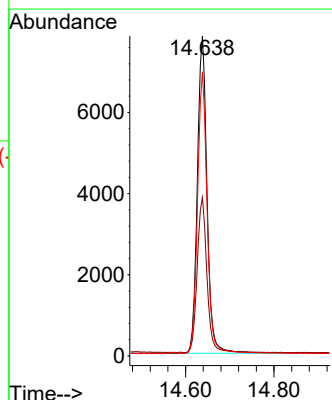
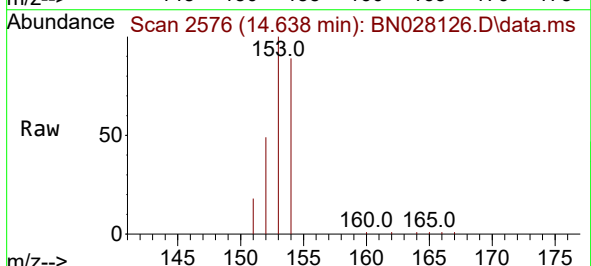
Tgt Ion:153 Resp: 11961

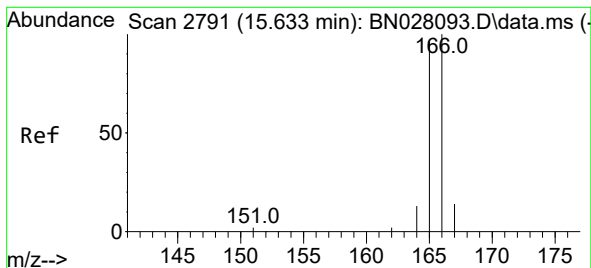
Ion Ratio Lower Upper

153 100

152 49.5 39.4 59.0

154 88.8 70.2 105.4





#12

Fluorene

Concen: 0.377 ng/ul

RT: 15.628 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

Instrument :

BNA_N

ClientSampleId :

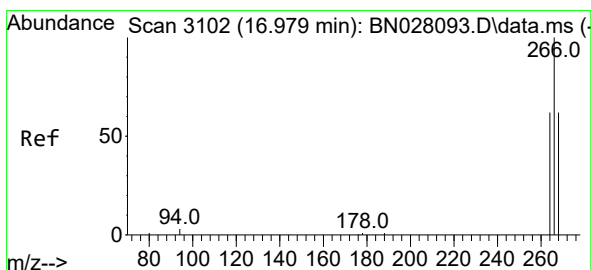
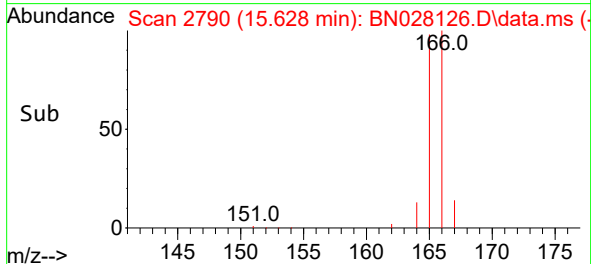
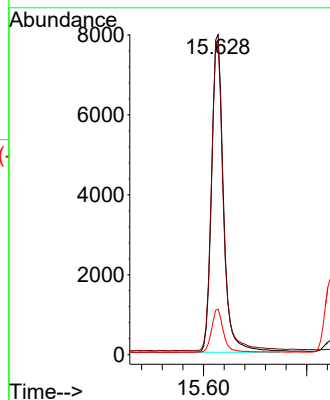
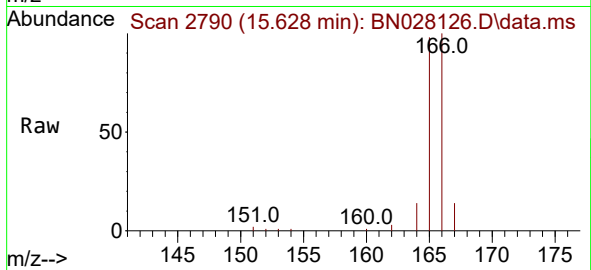
Tgt Ion:166 Resp: 12718

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

167 14.2 11.2 16.8



#14

Pentachlorophenol

Concen: 0.787 ng/ul

RT: 16.970 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

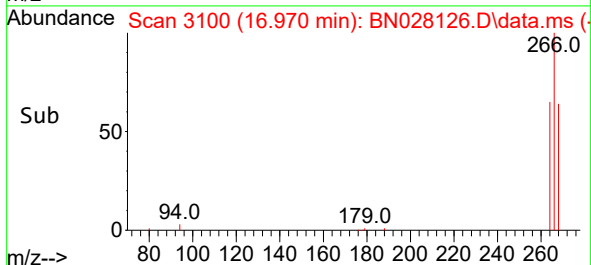
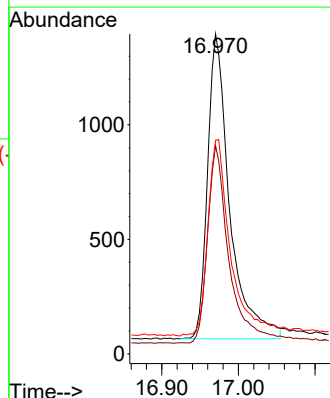
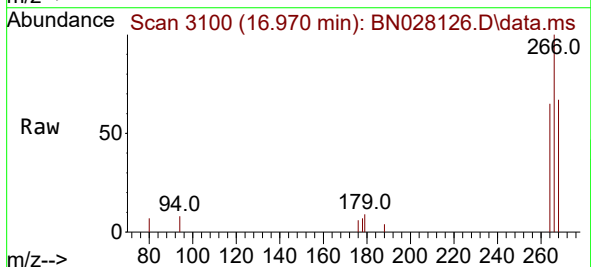
Tgt Ion:266 Resp: 2680

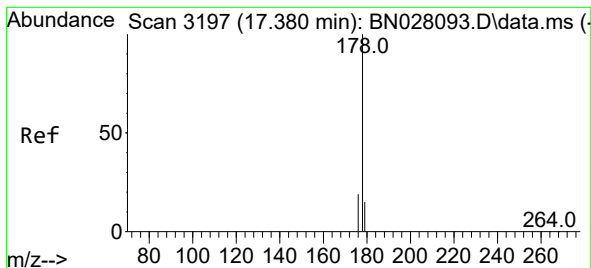
Ion Ratio Lower Upper

266 100

264 62.1 49.6 74.4

268 66.2 52.2 78.4





#15

Phenanthrene

Concen: 0.404 ng/ul

RT: 17.375 min Scan# 3197

Delta R.T. -0.000 min

Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

Instrument :

BNA_N

ClientSampleId :

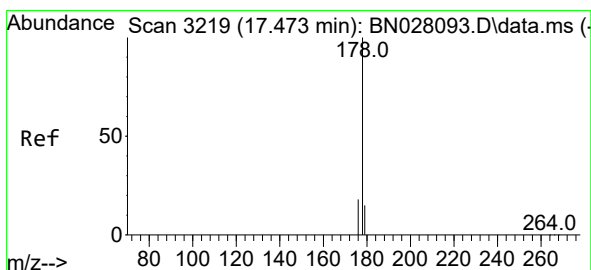
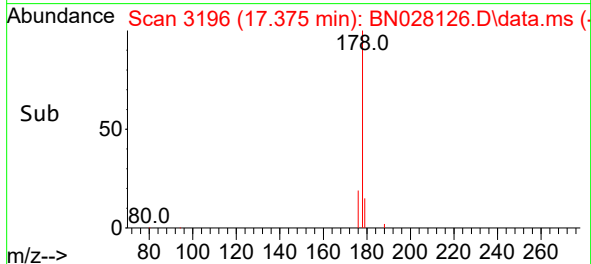
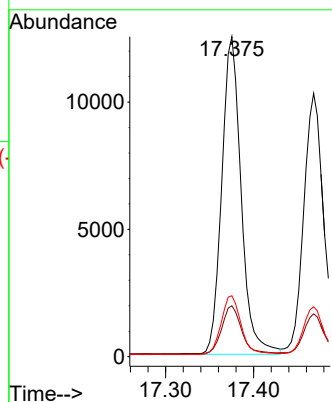
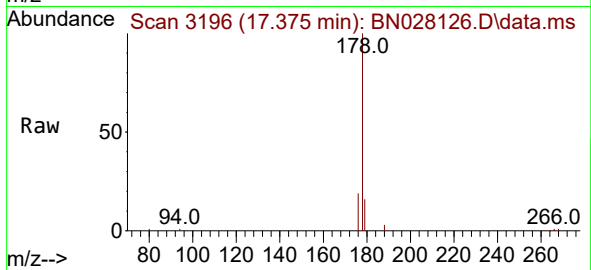
Tgt Ion:178 Resp: 19117

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.1 15.5 23.3



#16

Anthracene

Concen: 0.404 ng/ul

RT: 17.468 min Scan# 3218

Delta R.T. -0.000 min

Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

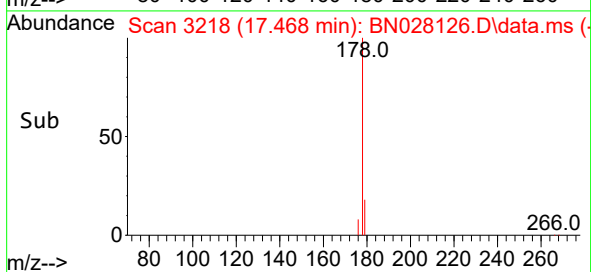
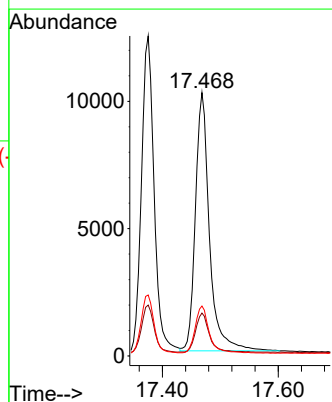
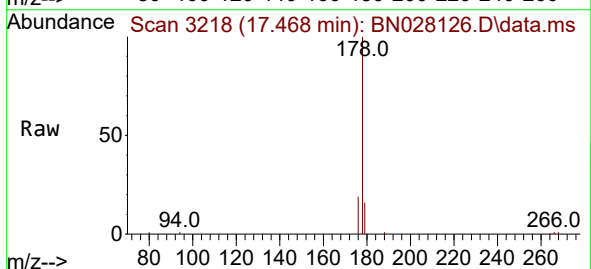
Tgt Ion:178 Resp: 17099

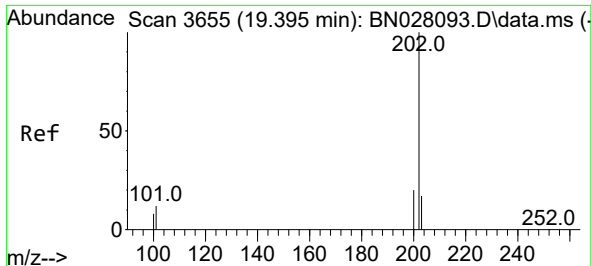
Ion Ratio Lower Upper

178 100

179 16.3 12.8 19.2

176 18.9 15.0 22.6

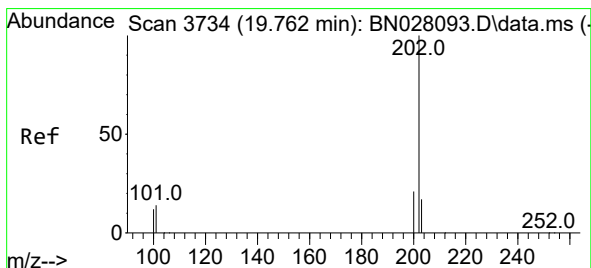
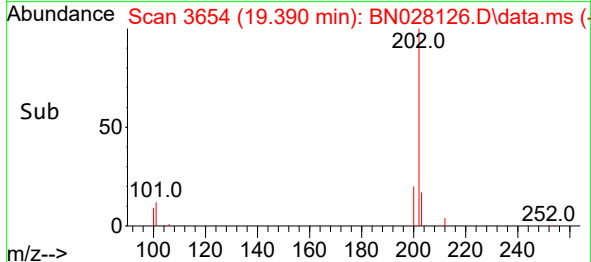
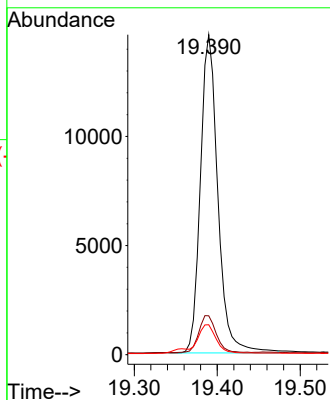
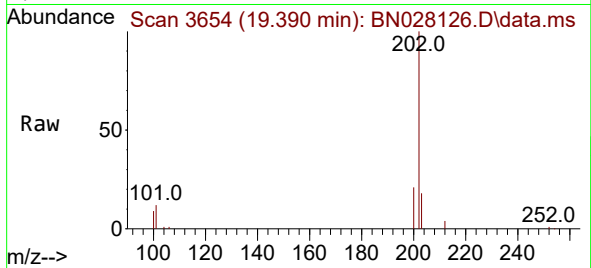




#19
Fluoranthene
Concen: 0.396 ng/ul
RT: 19.390 min Scan# 3654
Delta R.T. 0.000 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

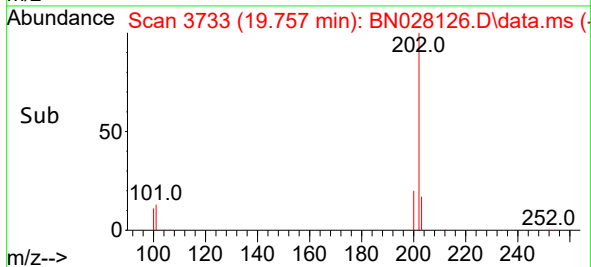
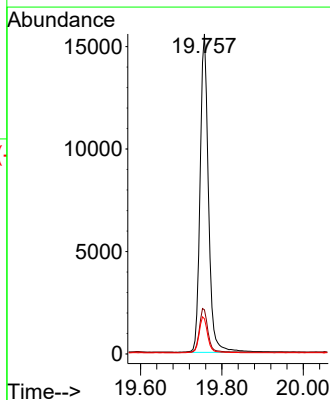
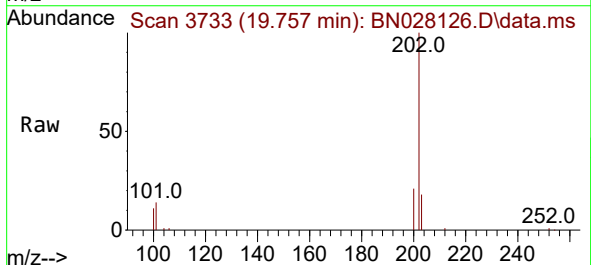
Instrument :
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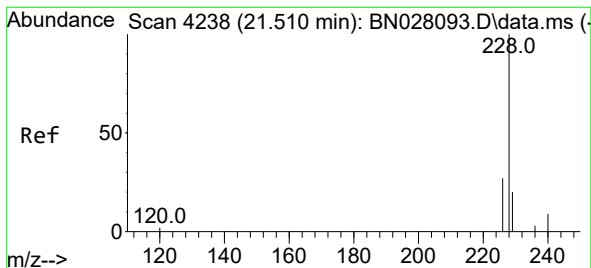
Tgt Ion:202 Resp: 21410
Ion Ratio Lower Upper
202 100
101 12.1 9.6 14.4
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.000 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

Tgt Ion:202 Resp: 22237
Ion Ratio Lower Upper
202 100
101 13.8 11.2 16.8
100 11.0 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.414 ng/ul

RT: 21.501 min Scan# 41

Delta R.T. -0.000 min

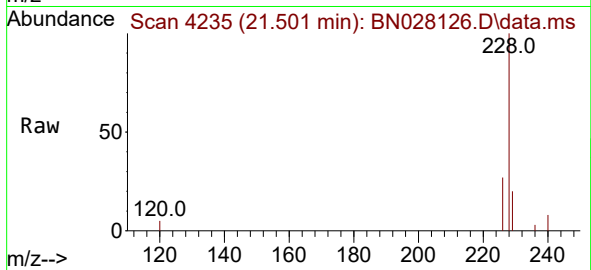
Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

Instrument :

BNA_N

ClientSampleId :



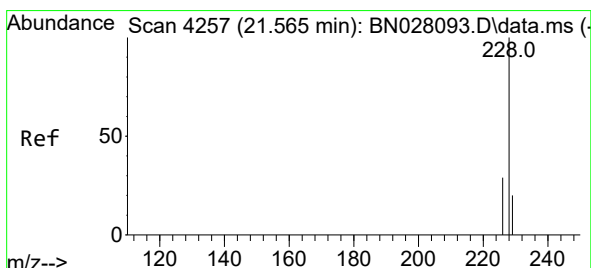
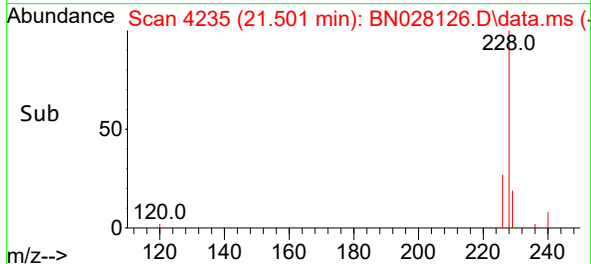
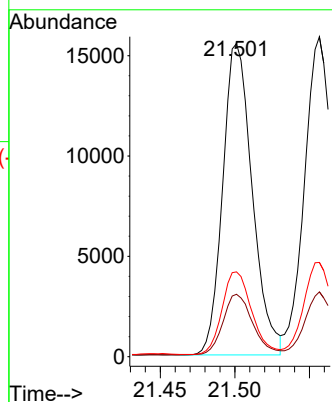
Tgt Ion:228 Resp: 21364

Ion Ratio Lower Upper

228 100

229 19.9 16.0 24.0

226 27.1 21.5 32.3



#22

Chrysene

Concen: 0.419 ng/ul

RT: 21.557 min Scan# 4254

Delta R.T. -0.000 min

Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

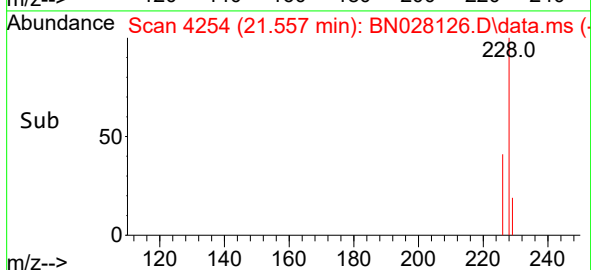
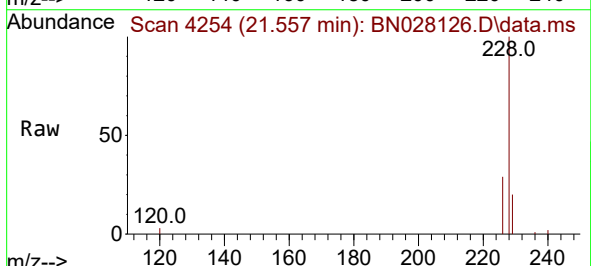
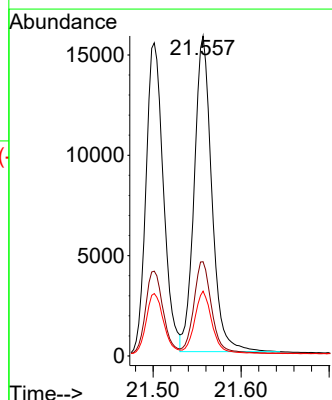
Tgt Ion:228 Resp: 21846

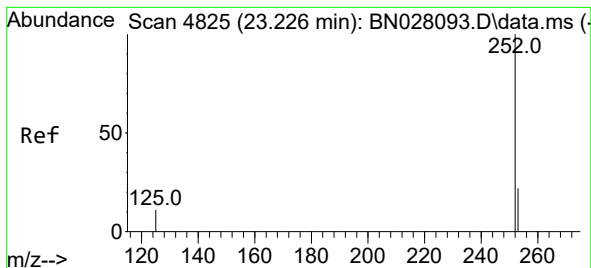
Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 20.2 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.398 ng/ul

RT: 23.217 min Scan# 4822

Delta R.T. -0.000 min

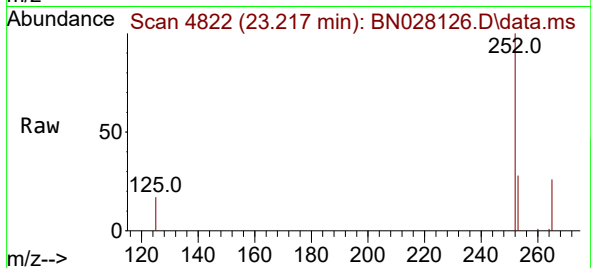
Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

Instrument :

BNA_N

ClientSampleId :



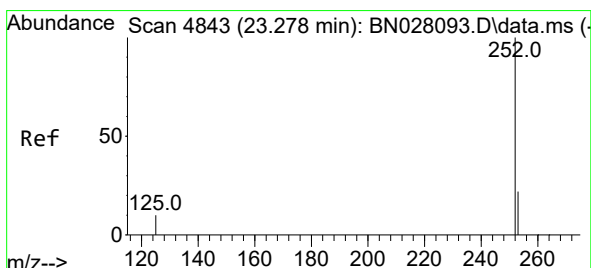
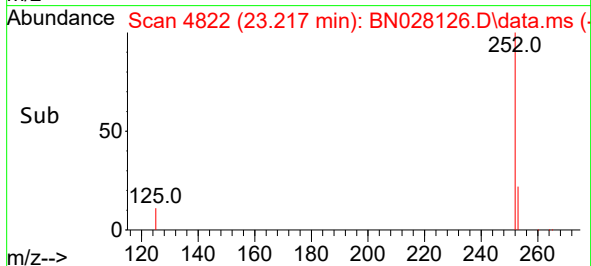
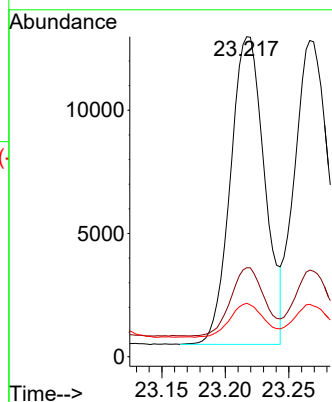
Tgt Ion:252 Resp: 23346

Ion Ratio Lower Upper

252 100

253 27.8 0.0 54.0

125 16.7 0.0 31.4



#25

Benzo(k)fluoranthene

Concen: 0.411 ng/ul

RT: 23.267 min Scan# 4839

Delta R.T. -0.000 min

Lab File: BN028126.D

Acq: 07 Oct 2023 17:50

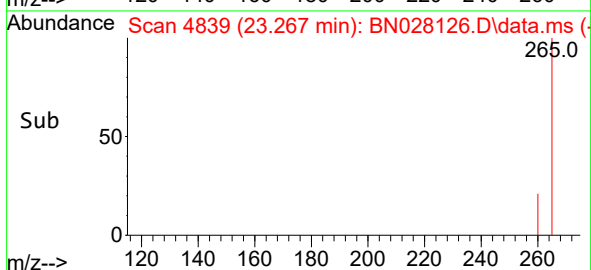
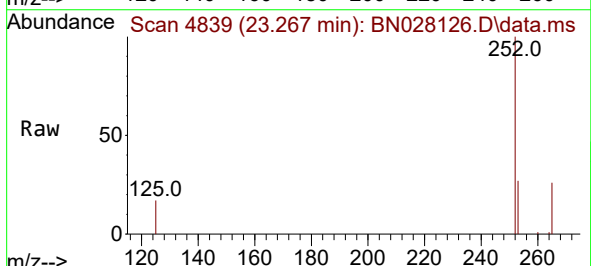
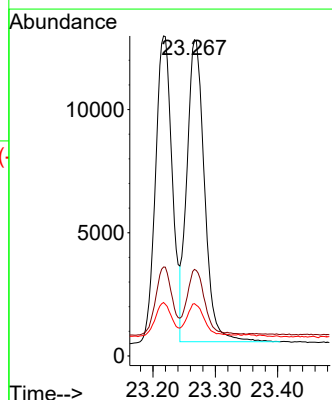
Tgt Ion:252 Resp: 23995

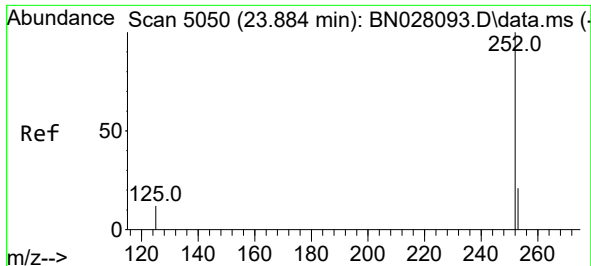
Ion Ratio Lower Upper

252 100

253 27.4 21.8 32.8

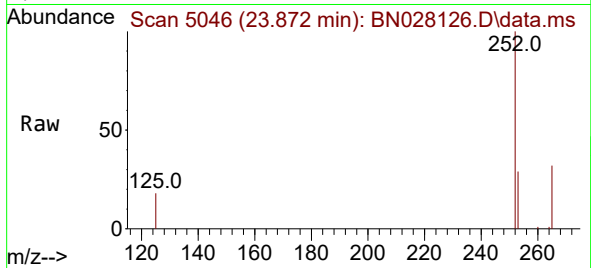
125 16.6 12.8 19.2



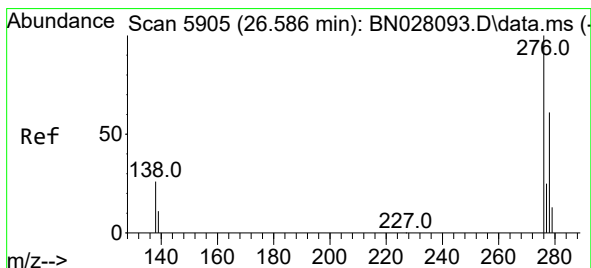
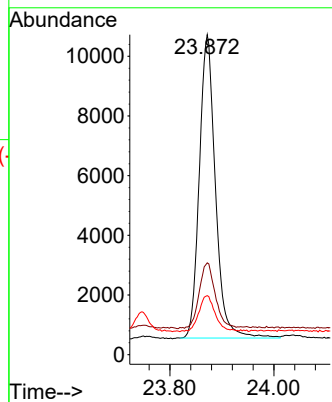
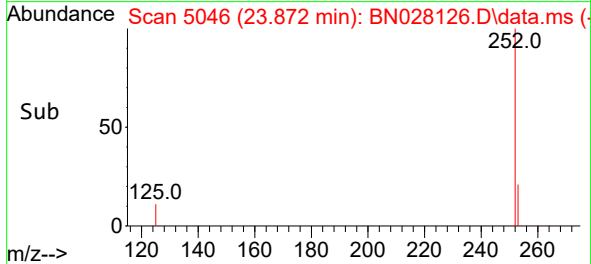


#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.872 min Scan# 5050
Delta R.T. 0.003 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

Instrument :
BNA_N
ClientSampleId :

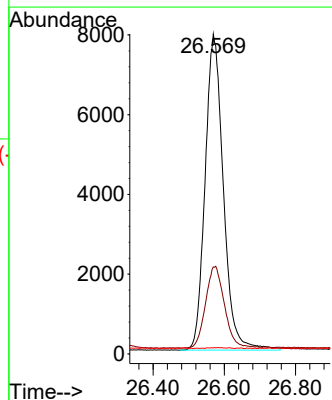
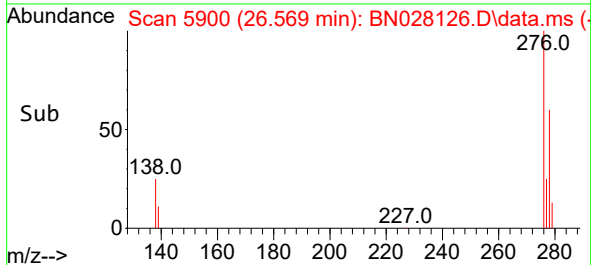
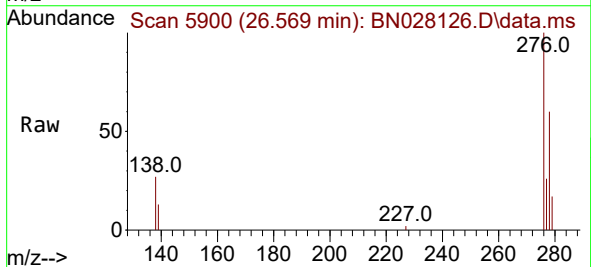


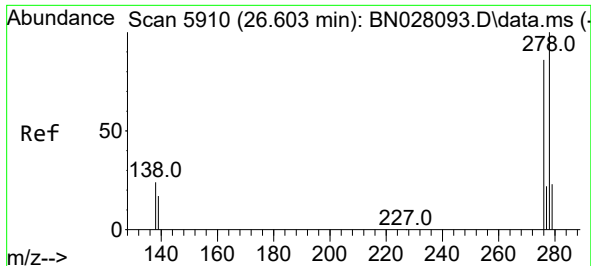
Tgt Ion:252 Resp: 21887
Ion Ratio Lower Upper
252 100
253 28.7 23.4 35.2
125 18.5 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.467 ng/ul
RT: 26.569 min Scan# 5900
Delta R.T. 0.003 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

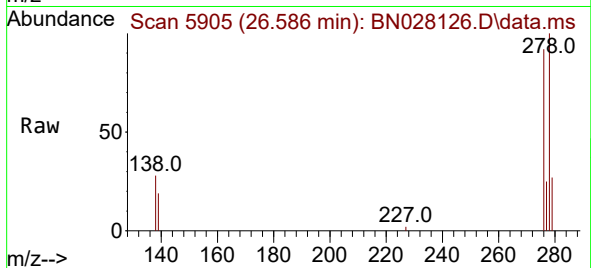
Tgt Ion:276 Resp: 28229
Ion Ratio Lower Upper
276 100
138 27.1 21.6 32.4
227 0.0 0.2 0.2#



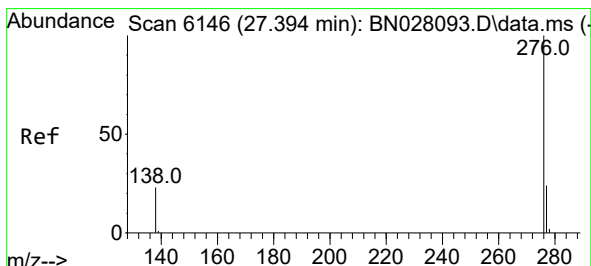
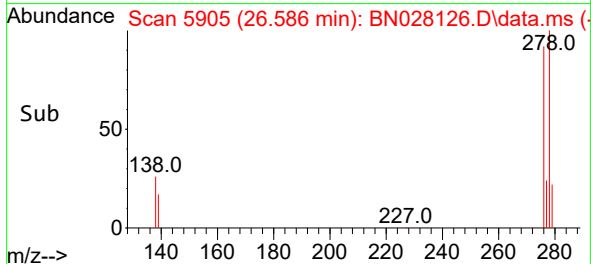
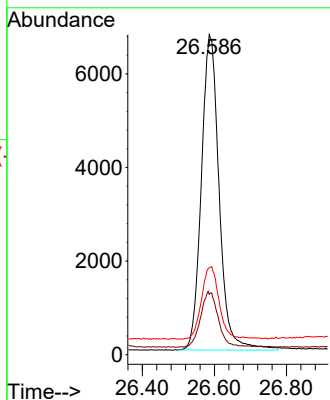


#28
Dibenzo(a,h)anthracene
Concen: 0.469 ng/ul
RT: 26.586 min Scan# 5905
Delta R.T. 0.003 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 23083
Ion Ratio Lower Upper
278 100
139 18.8 15.9 23.9
279 27.1 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.474 ng/ul
RT: 27.381 min Scan# 6142
Delta R.T. 0.003 min
Lab File: BN028126.D
Acq: 07 Oct 2023 17:50

Tgt Ion:276 Resp: 23422
Ion Ratio Lower Upper
276 100
138 25.6 19.8 29.6
277 25.5 20.6 31.0

