

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028066.D
 Acq On : 06 Oct 2023 02:26
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4289

Quant Time: Oct 06 04:27:11 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 : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

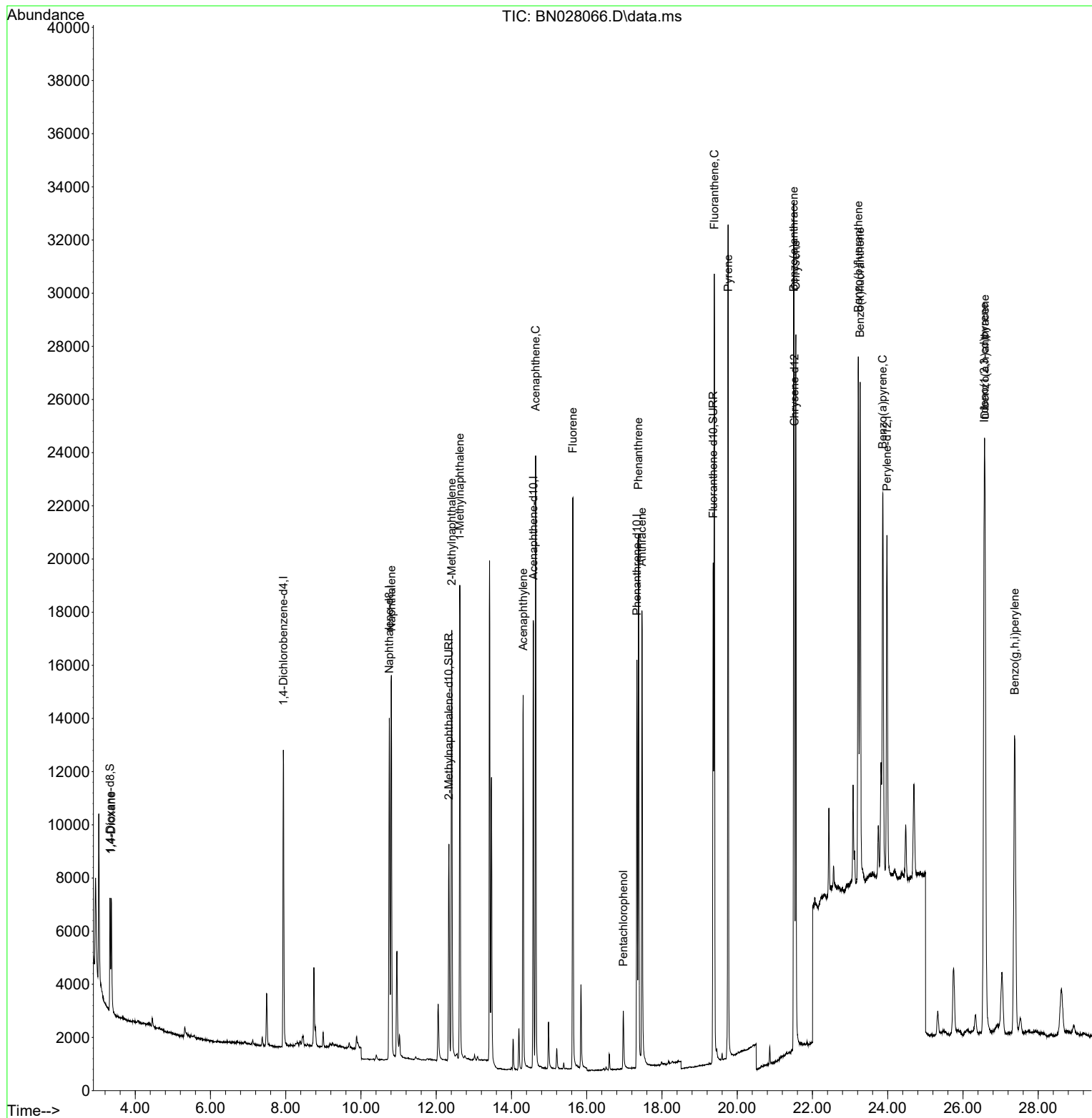
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	5992	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	18378	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.583	164	9460	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	18621	0.400	ng/ul	-0.02
17) Chrysene-d12	21.519	240	17031	0.400	ng/ul	-0.02
23) Perylene-d12	23.977	264	19460	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3094	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	11080	0.374	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	20986	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	3059	0.384	ng/ul	96
5) Naphthalene	10.806	128	20653	0.396	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	12320	0.374	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	12701	0.373	ng/ul	99
10) Acenaphthylene	14.310	152	16993	0.396	ng/ul	100
11) Acenaphthene	14.643	153	13369	0.391	ng/ul	100
12) Fluorene	15.633	166	14503	0.382	ng/ul	99
14) Pentachlorophenol	16.970	266	1713	0.429	ng/ul	98
15) Phenanthrene	17.375	178	22004	0.396	ng/ul	99
16) Anthracene	17.468	178	20045	0.404	ng/ul	99
19) Fluoranthene	19.390	202	25274	0.389	ng/ul	99
20) Pyrene	19.757	202	26665	0.396	ng/ul	99
21) Benzo(a)anthracene	21.501	228	25313	0.407	ng/ul	99
22) Chrysene	21.557	228	25073	0.399	ng/ul	99
24) Benzo(b)fluoranthene	23.217	252	26715	0.370	ng/ul	93
25) Benzo(k)fluoranthene	23.267	252	27825	0.388	ng/ul#	93
26) Benzo(a)pyrene	23.869	252	24667	0.401	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.566	276	32349	0.435	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.582	278	26236	0.433	ng/ul#	95
29) Benzo(g,h,i)perylene	27.377	276	26803	0.440	ng/ul	97

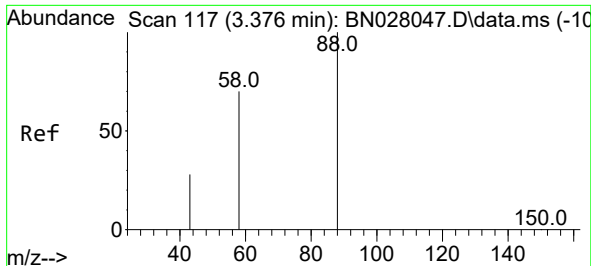
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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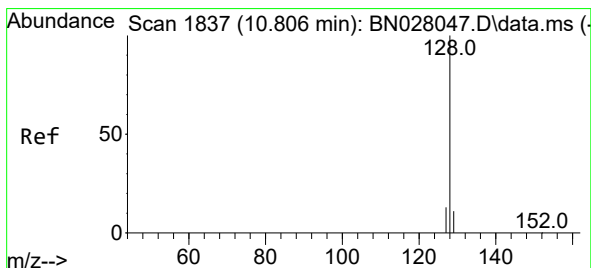
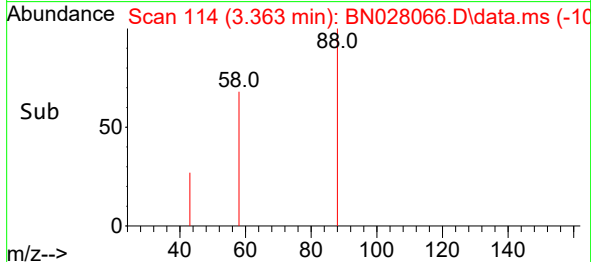
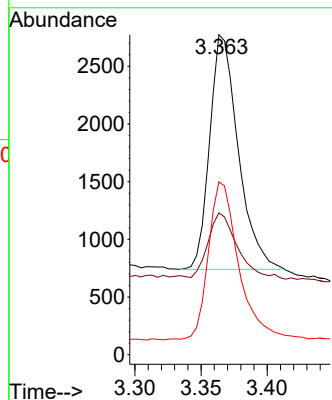
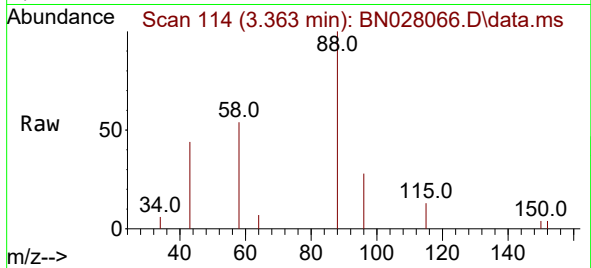




#2
1,4-Dioxane
Concen: 0.384 ng/ul
RT: 3.363 min Scan# 114
Delta R.T. -0.000 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

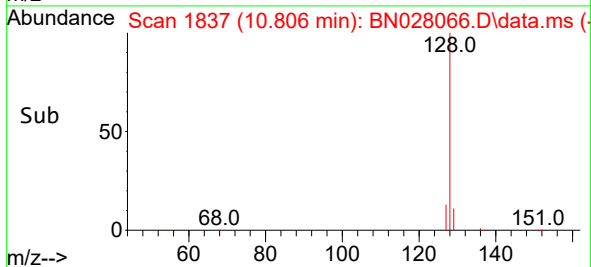
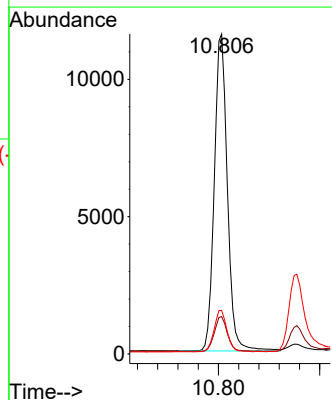
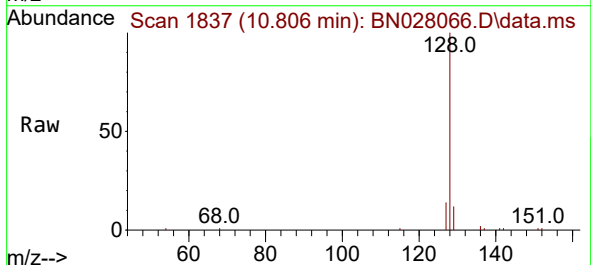
Instrument :
BNA_N
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SSTD0.4289

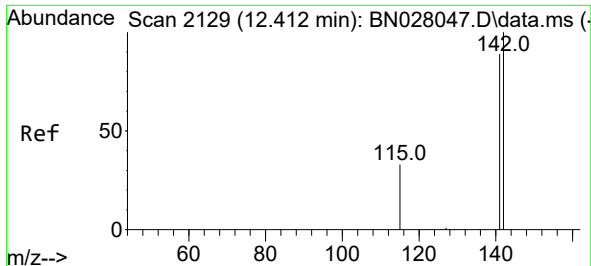
Tgt Ion: 88 Resp: 3059
Ion Ratio Lower Upper
88 100
43 44.3 33.4 50.2
58 54.0 45.7 68.5



#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion: 128 Resp: 20653
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.6 11.0 16.4

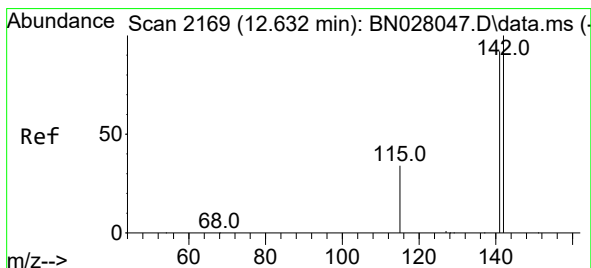
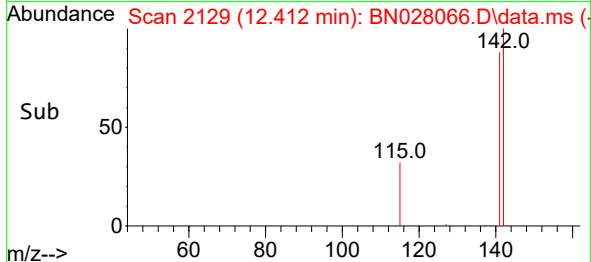
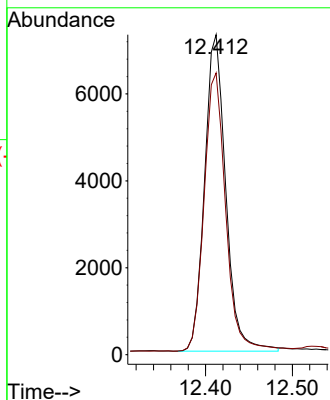
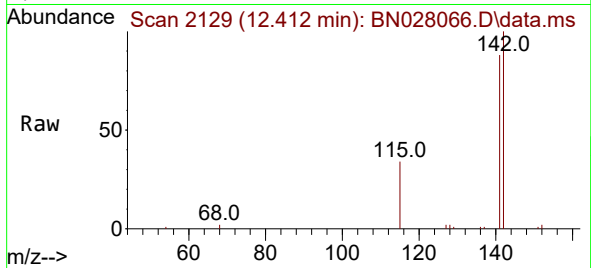




#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

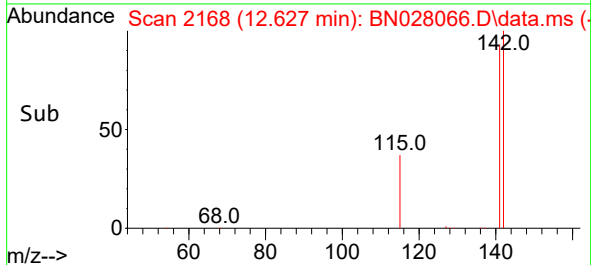
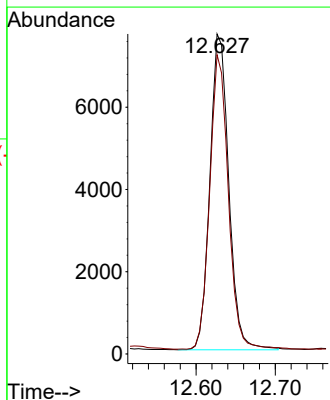
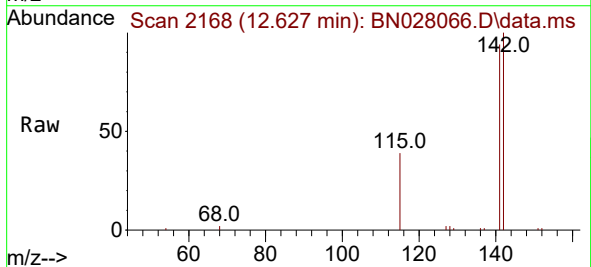
Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

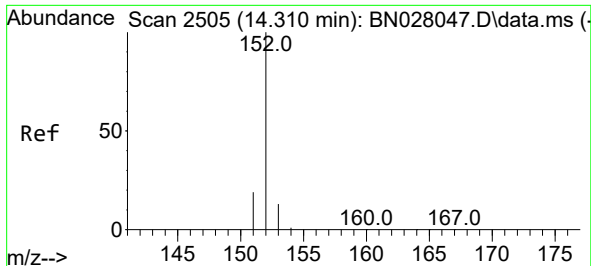
Tgt Ion:142 Resp: 12320
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. -0.017 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:142 Resp: 12701
Ion Ratio Lower Upper
142 100
141 91.6 74.4 111.6

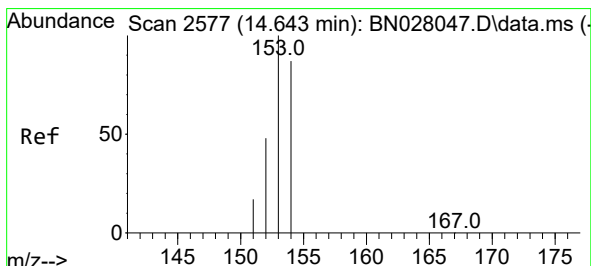
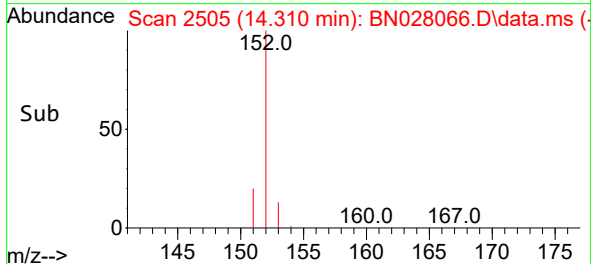
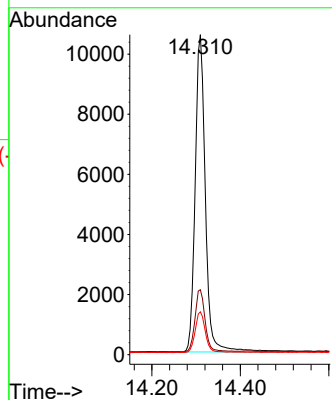
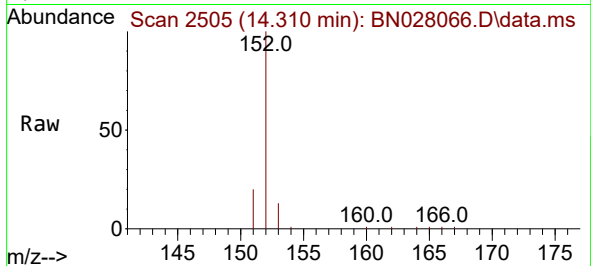




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

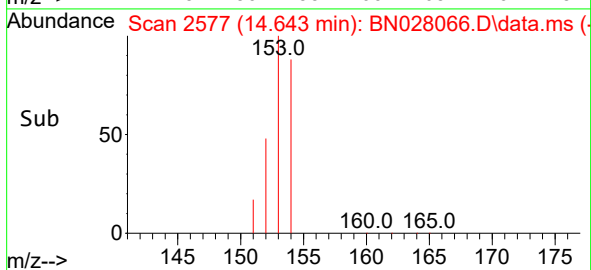
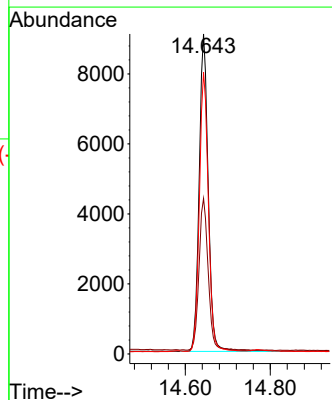
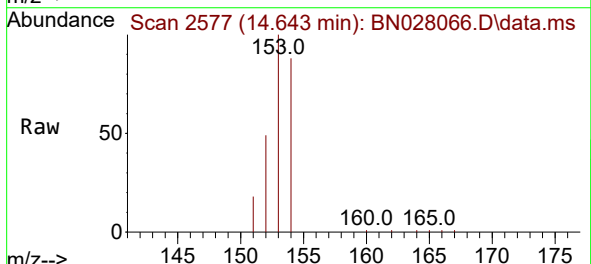
Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

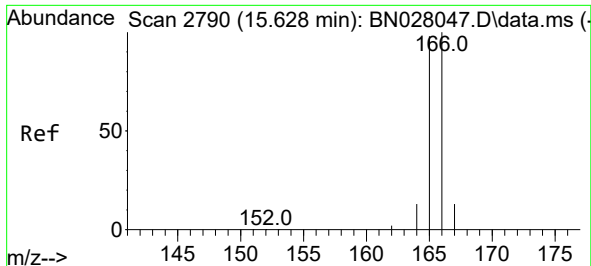
Tgt Ion:152 Resp: 16993
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.014 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:153 Resp: 13369
Ion Ratio Lower Upper
153 100
152 48.6 39.4 59.0
154 88.0 70.2 105.4

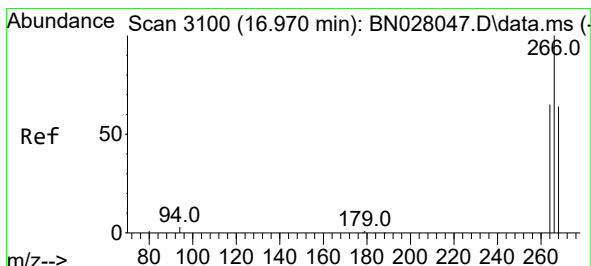
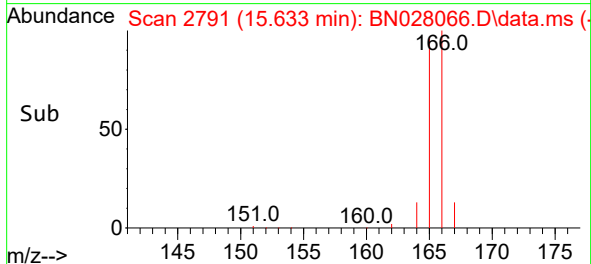
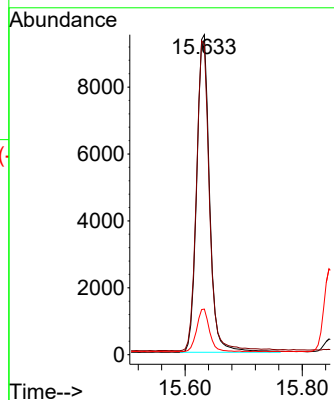
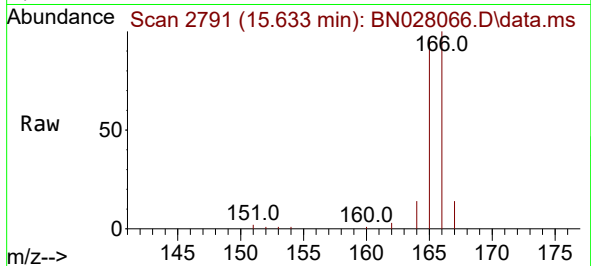




#12
 Fluorene
 Concen: 0.382 ng/ul
 RT: 15.633 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN028066.D
 Acq: 06 Oct 2023 02:26

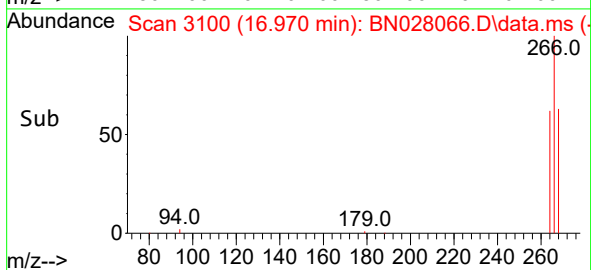
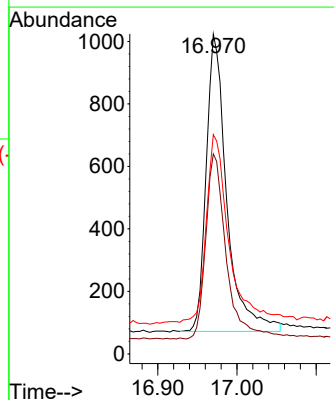
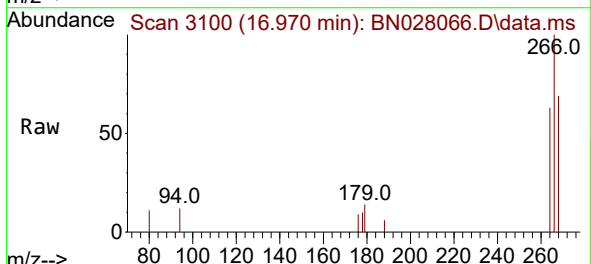
Instrument :
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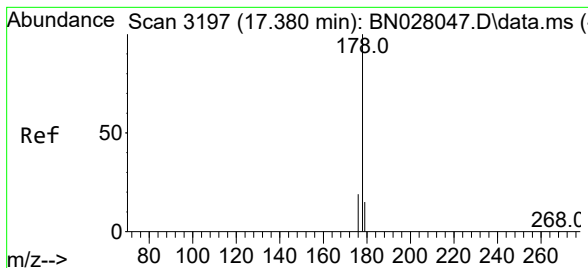
Tgt Ion:166 Resp: 14503
 Ion Ratio Lower Upper
 166 100
 165 96.9 78.5 117.7
 167 14.2 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.429 ng/ul
 RT: 16.970 min Scan# 3100
 Delta R.T. -0.017 min
 Lab File: BN028066.D
 Acq: 06 Oct 2023 02:26

Tgt Ion:266 Resp: 1713
 Ion Ratio Lower Upper
 266 100
 264 62.2 49.6 74.4
 268 68.7 52.2 78.4





#15

Phenanthrene

Concen: 0.396 ng/ul

RT: 17.375 min Scan# 3196

Delta R.T. -0.012 min

Lab File: BN028066.D

Acq: 06 Oct 2023 02:26

Instrument :

BNA_N

ClientSampleId :

SSTD0.4289

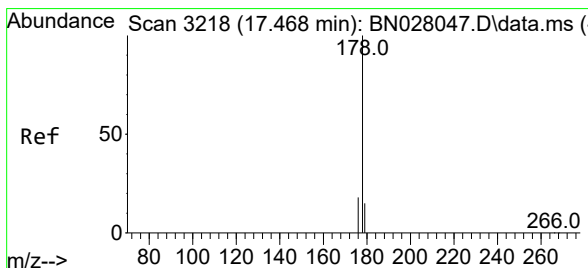
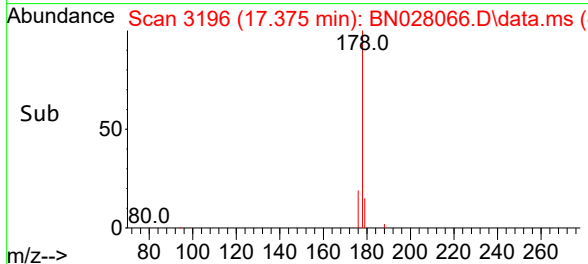
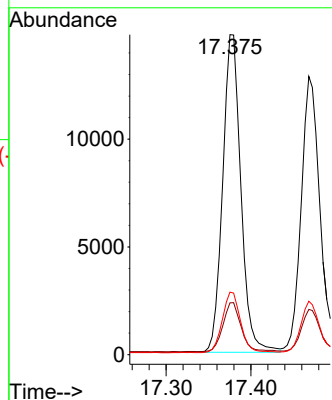
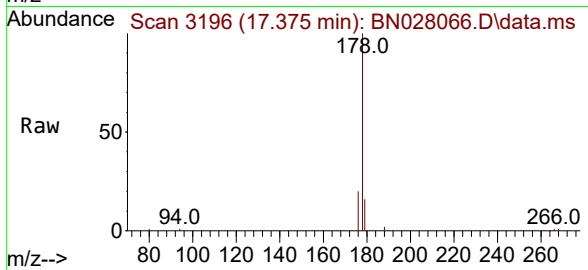
Tgt Ion:178 Resp: 22004

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.6 15.5 23.3



#16

Anthracene

Concen: 0.404 ng/ul

RT: 17.468 min Scan# 3218

Delta R.T. -0.012 min

Lab File: BN028066.D

Acq: 06 Oct 2023 02:26

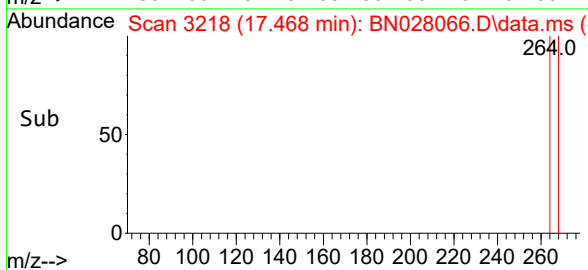
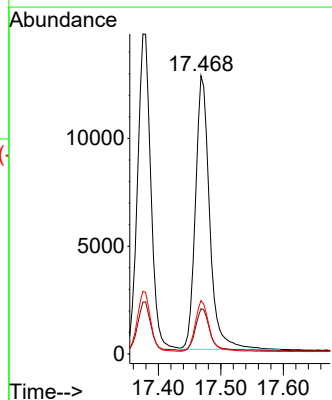
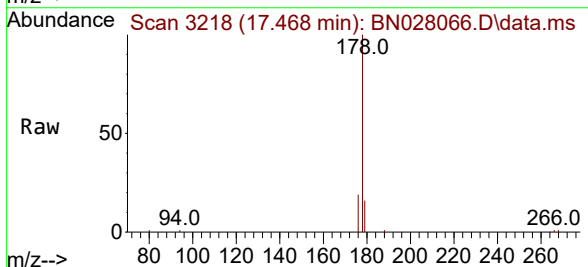
Tgt Ion:178 Resp: 20045

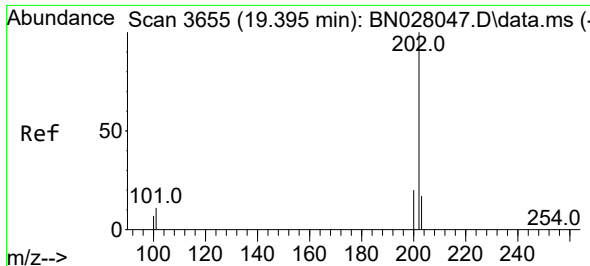
Ion Ratio Lower Upper

178 100

179 16.3 12.8 19.2

176 19.2 15.0 22.6

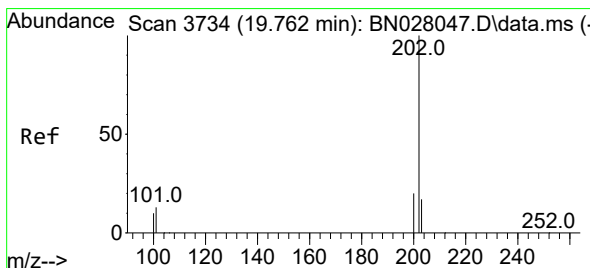
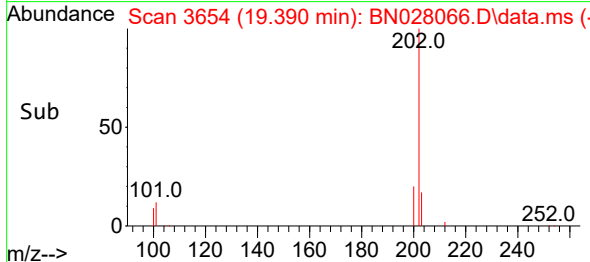
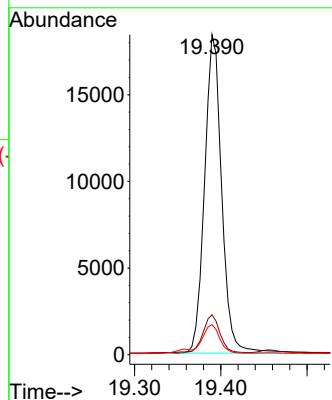
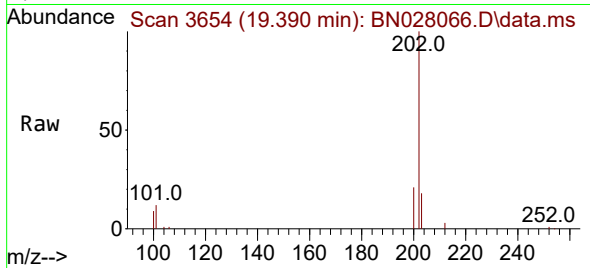




#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.390 min Scan# 3654
Delta R.T. -0.014 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

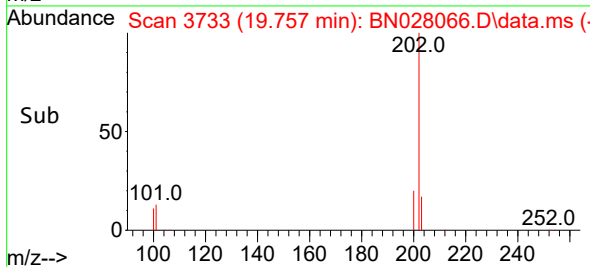
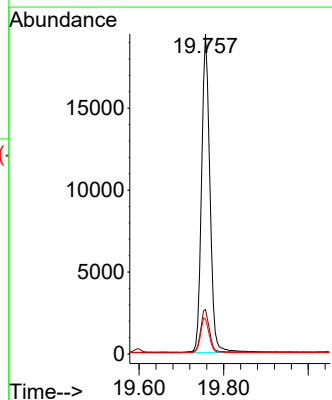
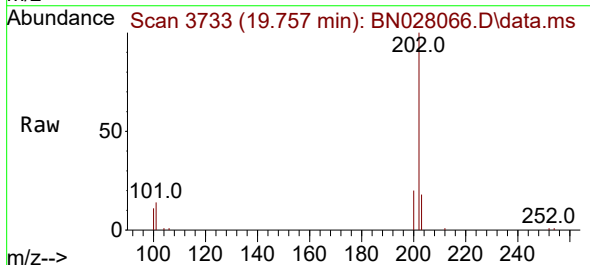
Instrument :
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SSTD0.4289

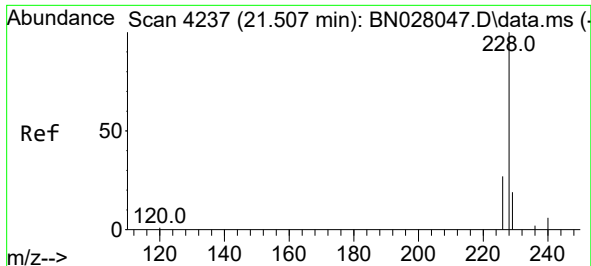
Tgt Ion:202 Resp: 25274
Ion Ratio Lower Upper
202 100
101 12.5 9.6 14.4
100 9.4 7.4 11.0



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

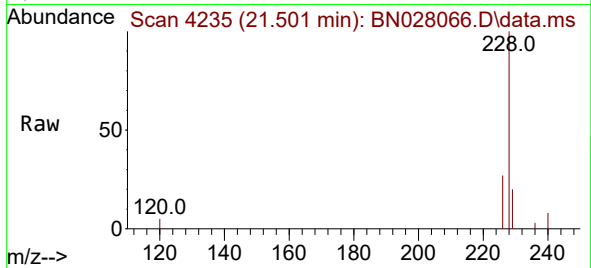
Tgt Ion:202 Resp: 26665
Ion Ratio Lower Upper
202 100
101 13.9 11.2 16.8
100 10.9 9.1 13.7



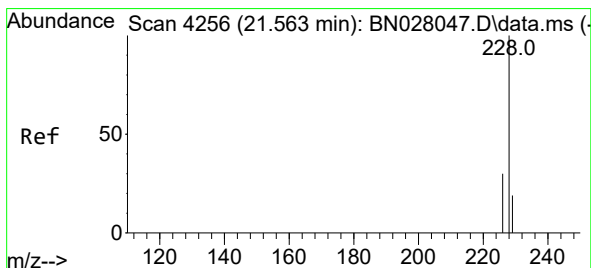
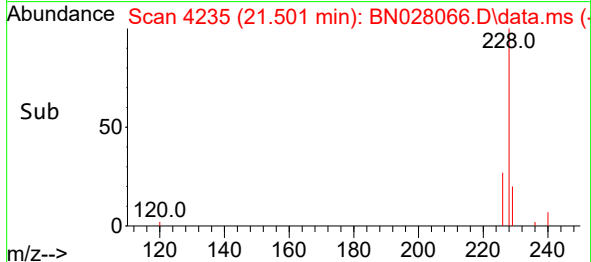
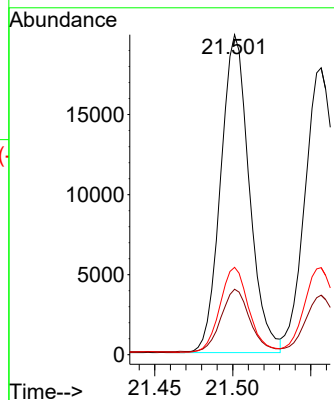


#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

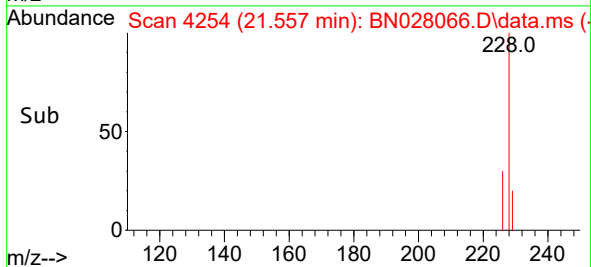
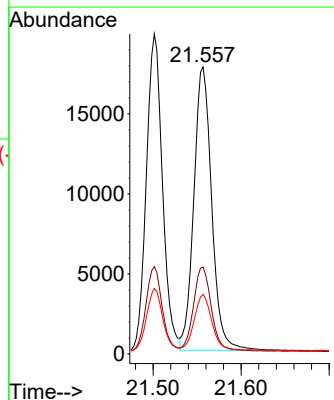
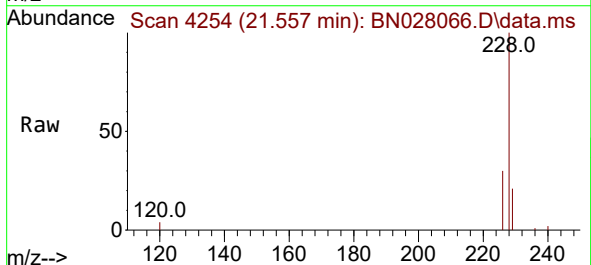


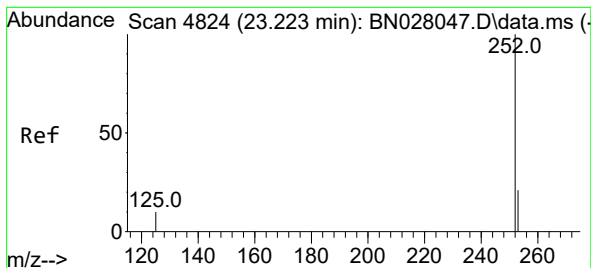
Tgt Ion:228 Resp: 25313
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 27.3 21.5 32.3



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. -0.017 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:228 Resp: 25073
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.7 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.370 ng/ul

RT: 23.217 min Scan# 4822

Delta R.T. -0.023 min

Lab File: BN028066.D

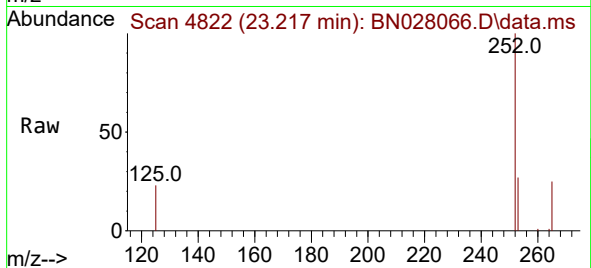
Acq: 06 Oct 2023 02:26

Instrument :

BNA_N

ClientSampleId :

SSTD0.4289



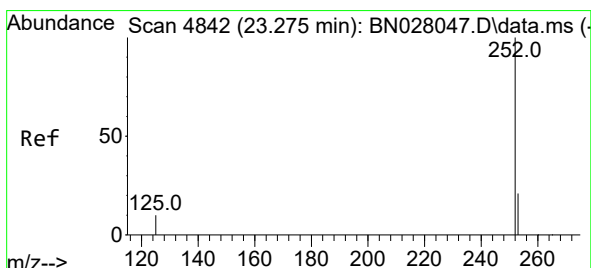
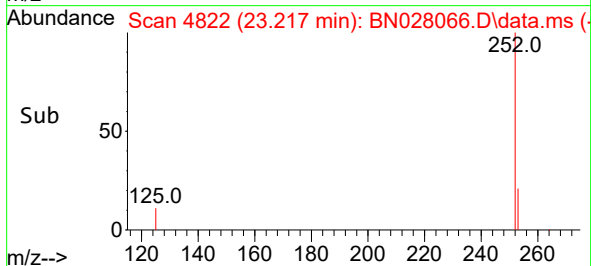
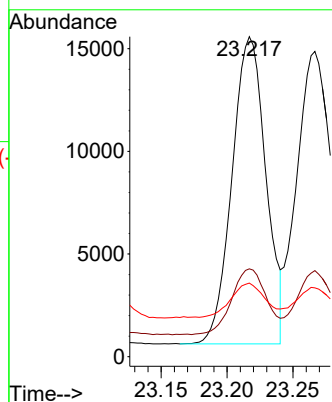
Tgt Ion:252 Resp: 26715

Ion Ratio Lower Upper

252 100

253 27.4 0.0 54.0

125 23.0 0.0 31.4



#25

Benzo(k)fluoranthene

Concen: 0.388 ng/ul

RT: 23.267 min Scan# 4839

Delta R.T. -0.023 min

Lab File: BN028066.D

Acq: 06 Oct 2023 02:26

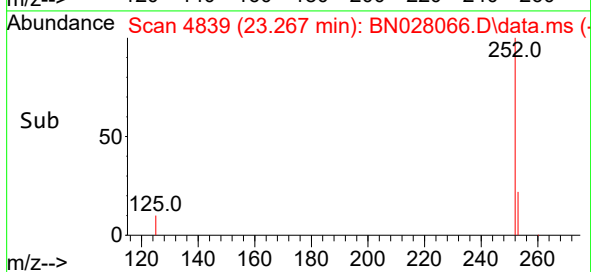
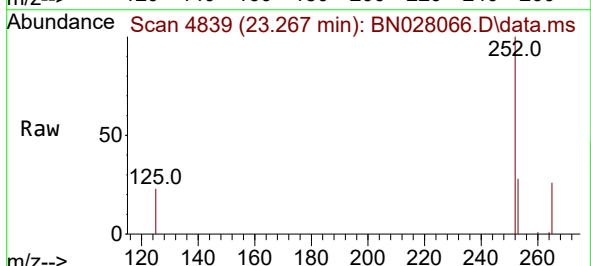
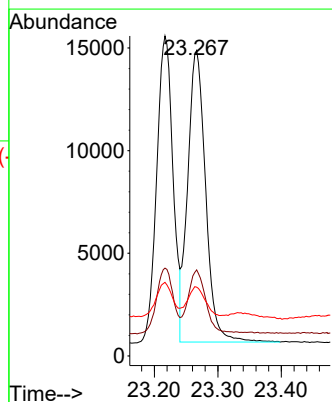
Tgt Ion:252 Resp: 27825

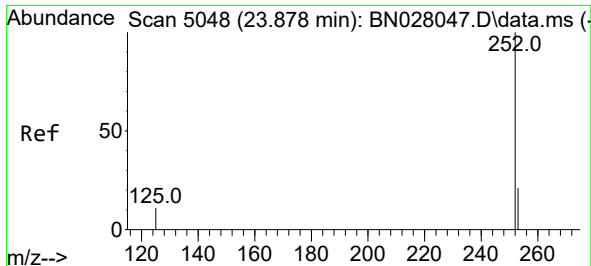
Ion Ratio Lower Upper

252 100

253 28.2 21.8 32.8

125 22.5 12.8 19.2#

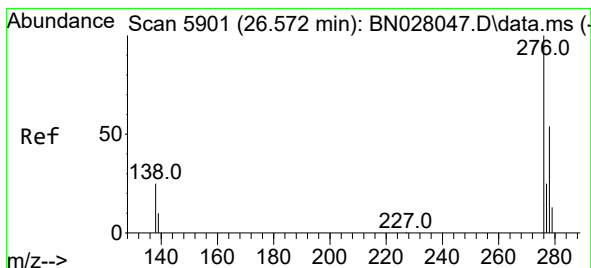
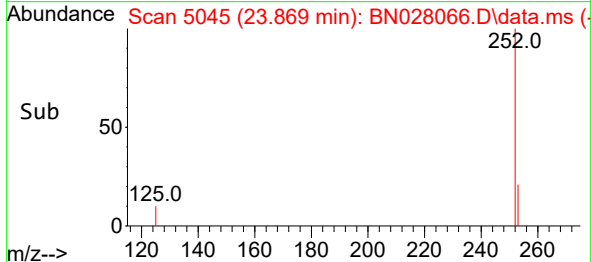
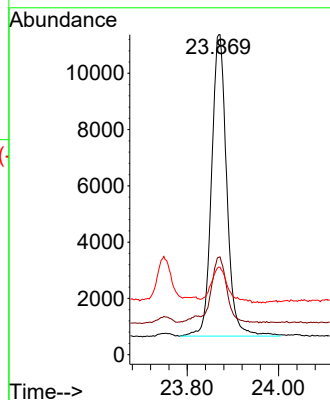
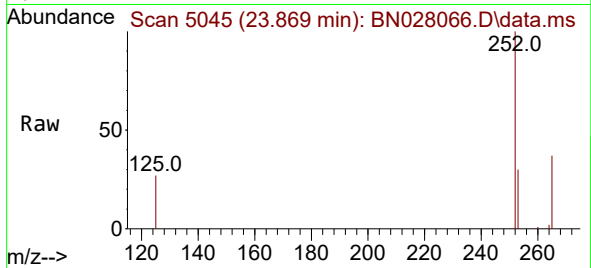




#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.869 min Scan# 5048
Delta R.T. -0.026 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

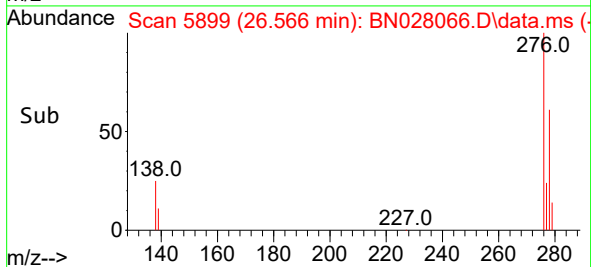
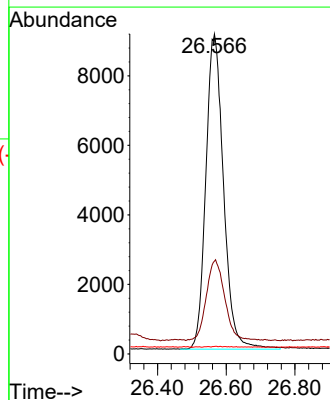
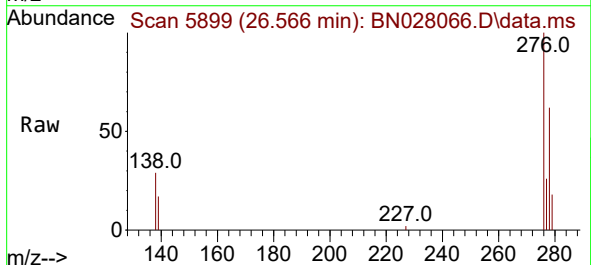
Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

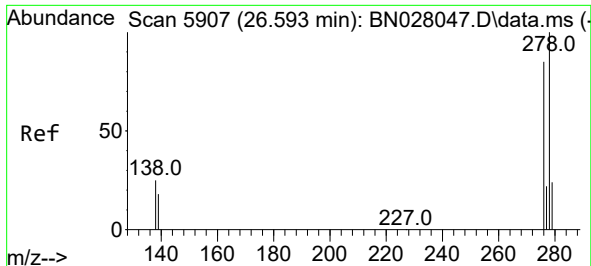
Tgt Ion:252 Resp: 24667
Ion Ratio Lower Upper
252 100
253 30.5 23.4 35.2
125 27.3 15.3 22.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.566 min Scan# 5899
Delta R.T. -0.037 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:276 Resp: 32349
Ion Ratio Lower Upper
276 100
138 26.6 21.6 32.4
227 0.1 0.2 0.2#

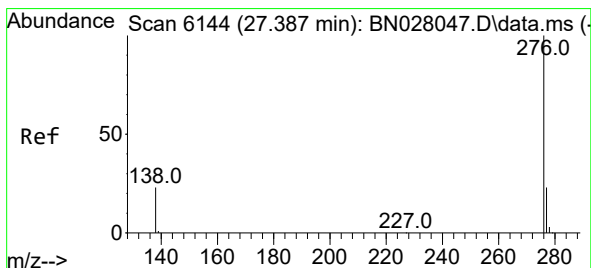
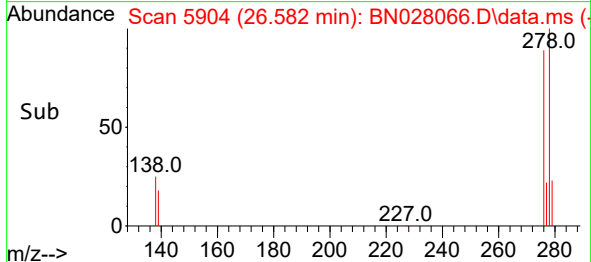
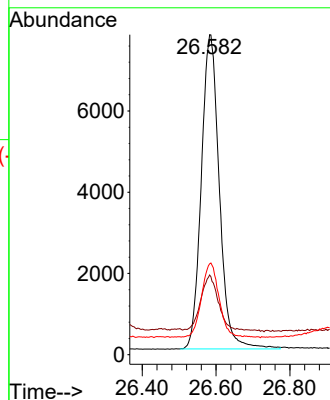
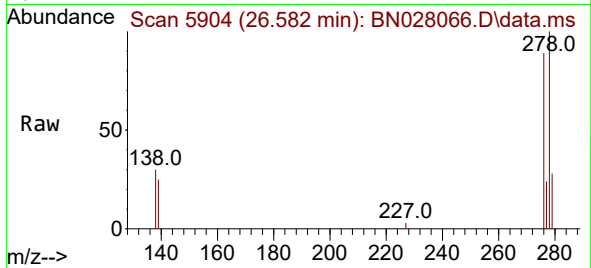




#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 26.582 min Scan# 5904
Delta R.T. -0.037 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_N
ClientSampleId :
SSTD0.4289

Tgt Ion:278 Resp: 26236
Ion Ratio Lower Upper
278 100
139 24.9 15.9 23.9#
279 28.4 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 27.377 min Scan# 6141
Delta R.T. -0.043 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:276 Resp: 26803
Ion Ratio Lower Upper
276 100
138 27.4 19.8 29.6
277 26.0 20.6 31.0

