

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026898.D
 Acq On : 15 Aug 2023 13:12
 Operator : MA/JU
 Sample : 03965-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4832

Quant Time: Aug 16 00:53:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

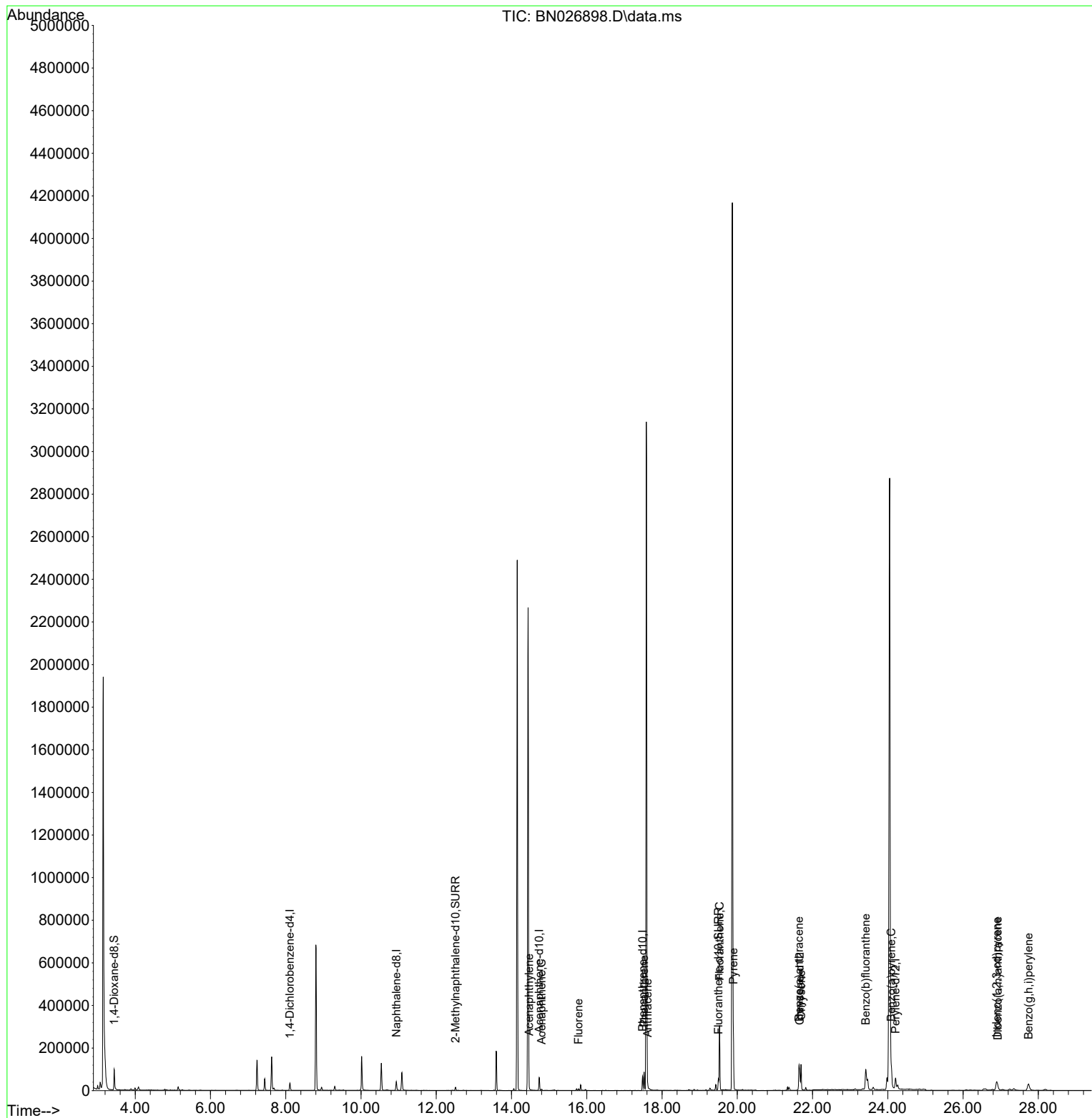
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	17493	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	57409	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	33956	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	77907	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	67968	0.400	ng/ul	0.00
23) Perylene-d12	24.208	264	75499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	69772	3.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	19536	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	52789	0.246	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.467	152	5635	0.030	ng/ul#	94
11) Acenaphthene	14.800	153	3281	0.025	ng/ul	98
12) Fluorene	15.781	166	4570	0.031	ng/ul#	98
15) Phenanthrene	17.523	178	89146	0.348	ng/ul	100
16) Anthracene	17.616	178	14505	0.063	ng/ul	98
19) Fluoranthene	19.529	202	263883	0.935	ng/ul	100
20) Pyrene	19.896	202	230558	0.765	ng/ul	97
21) Benzo(a)anthracene	21.638	228	97506	0.361	ng/ul	99
22) Chrysene	21.694	228	125104	0.469	ng/ul	98
24) Benzo(b)fluoranthene	23.413	252	246203	0.862	ng/ul	99
26) Benzo(a)pyrene	24.094	252	116024	0.450	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.894	276	86068	0.255	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.921	278	18485	0.069	ng/ul#	89
29) Benzo(g,h,i)perylene	27.739	276	76636	0.273	ng/ul	100

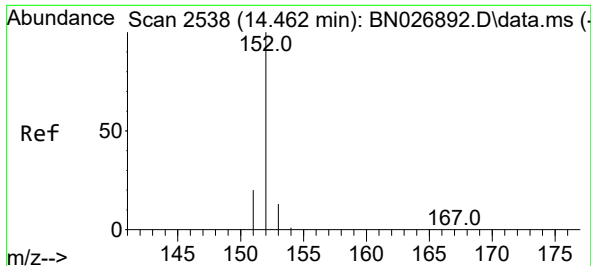
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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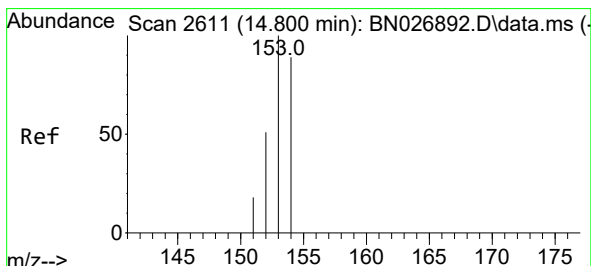
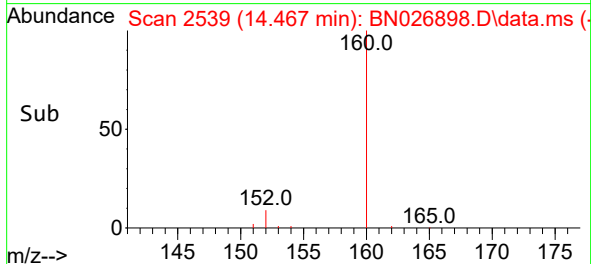
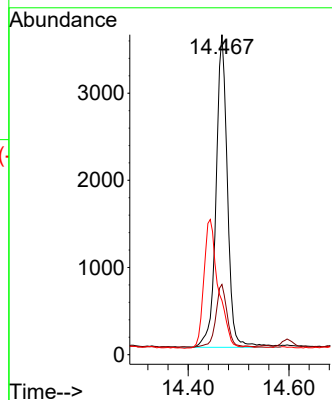
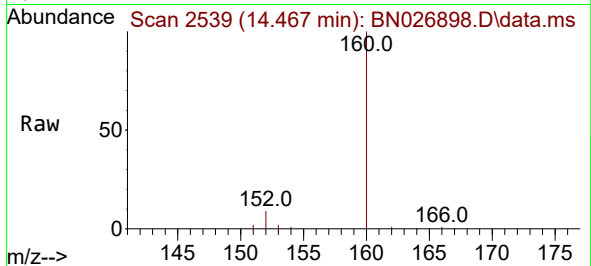




#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.467 min Scan# 2538
Delta R.T. 0.005 min
Lab File: BN026898.D
Acq: 15 Aug 2023 13:12

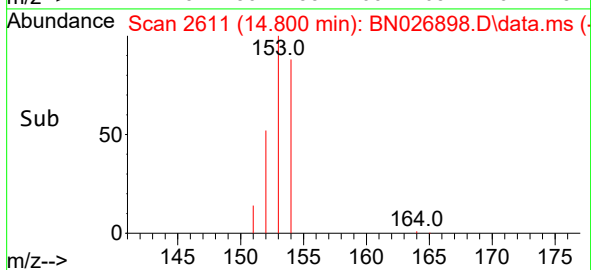
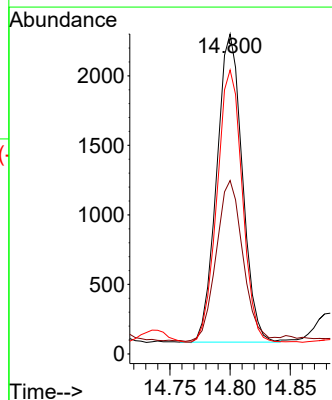
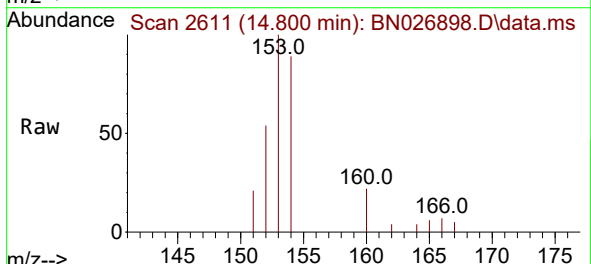
Instrument :
BNA_N
ClientSampleId :
A4832

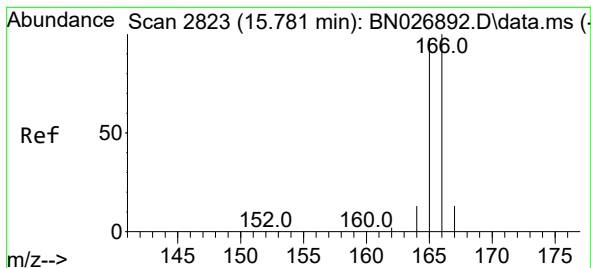
Tgt Ion:152 Resp: 5635
Ion Ratio Lower Upper
152 100
151 22.0 15.9 23.9
153 16.9 11.0 16.6#



#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BN026898.D
Acq: 15 Aug 2023 13:12

Tgt Ion:153 Resp: 3281
Ion Ratio Lower Upper
153 100
152 54.2 41.1 61.7
154 88.7 71.6 107.4





#12

Fluorene

Concen: 0.031 ng/ul

RT: 15.781 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BN026898.D

Acq: 15 Aug 2023 13:12

Instrument :

BNA_N

ClientSampleId :

A4832

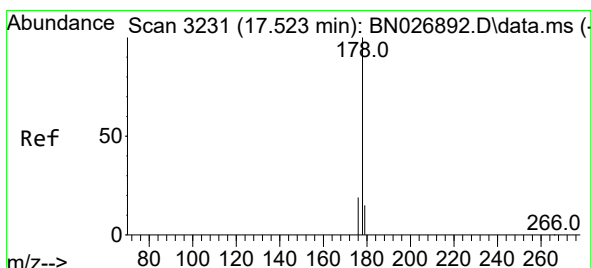
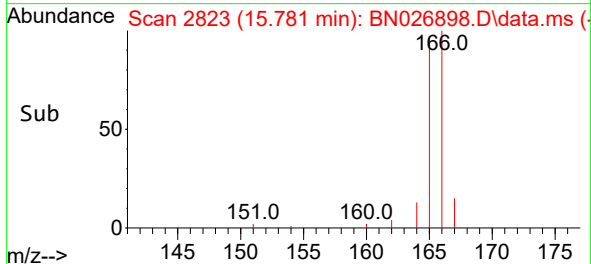
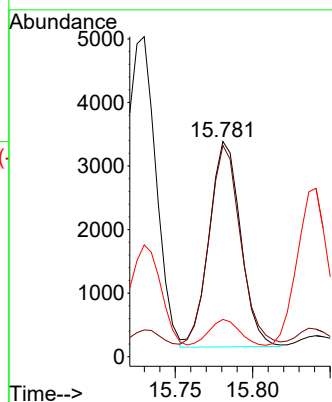
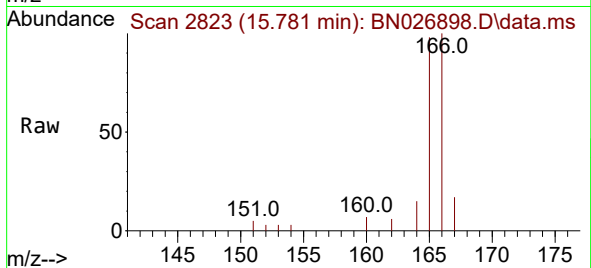
Tgt Ion:166 Resp: 4570

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

167 17.3 11.4 17.0#



#15

Phenanthrene

Concen: 0.348 ng/ul

RT: 17.523 min Scan# 3231

Delta R.T. 0.000 min

Lab File: BN026898.D

Acq: 15 Aug 2023 13:12

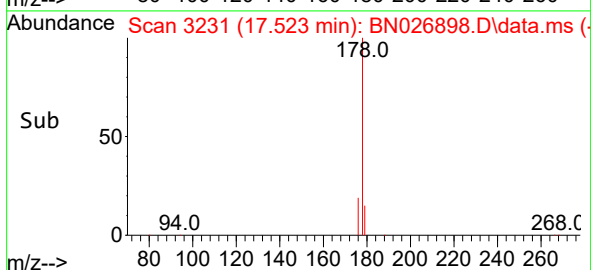
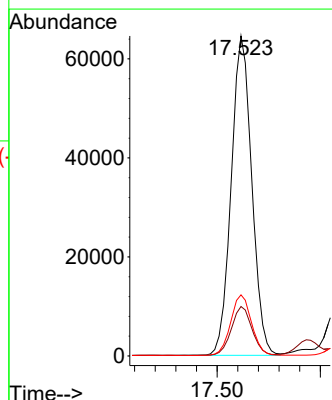
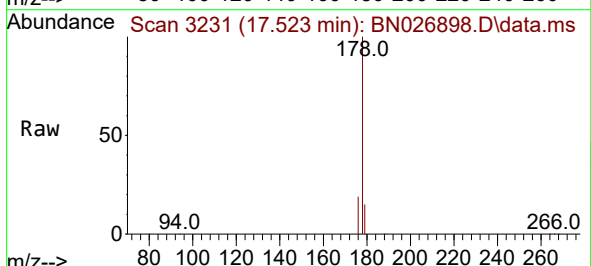
Tgt Ion:178 Resp: 89146

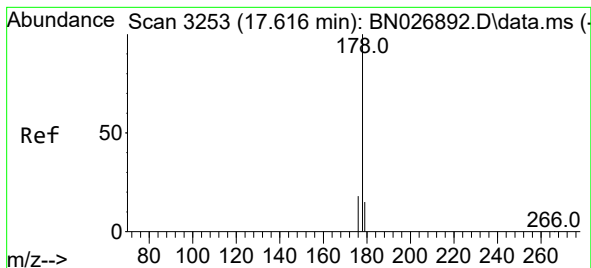
Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.1 15.4 23.2





#16

Anthracene

Concen: 0.063 ng/ul

RT: 17.616 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN026898.D

Acq: 15 Aug 2023 13:12

Instrument :

BNA_N

ClientSampleId :

A4832

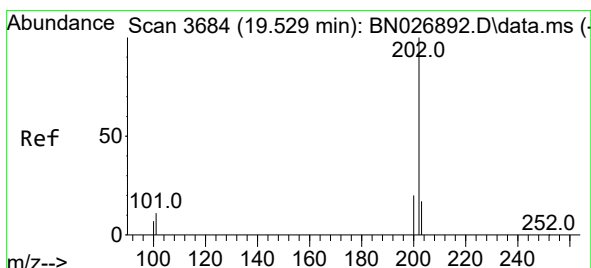
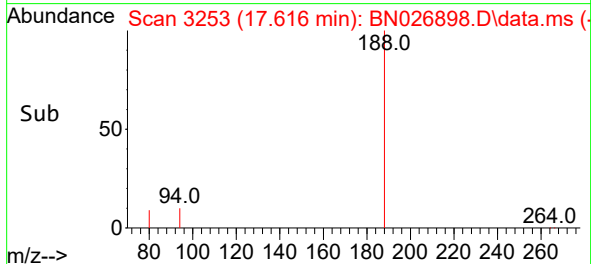
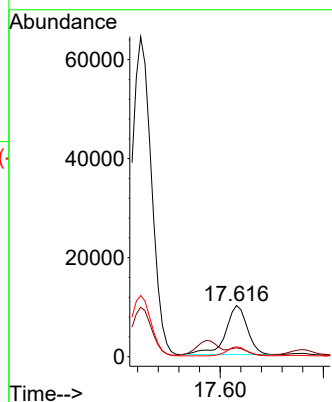
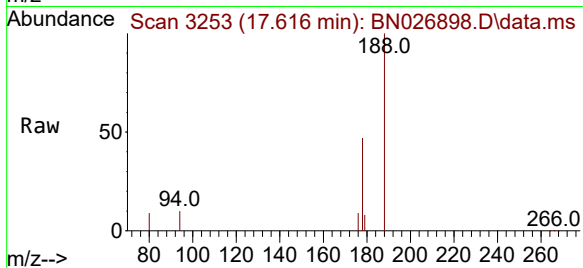
Tgt Ion:178 Resp: 14505

Ion Ratio Lower Upper

178 100

179 17.2 12.6 19.0

176 19.5 15.0 22.6



#19

Fluoranthene

Concen: 0.935 ng/ul

RT: 19.529 min Scan# 3684

Delta R.T. 0.000 min

Lab File: BN026898.D

Acq: 15 Aug 2023 13:12

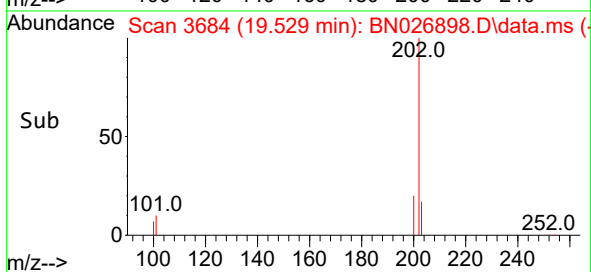
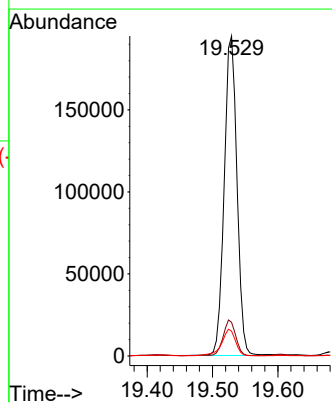
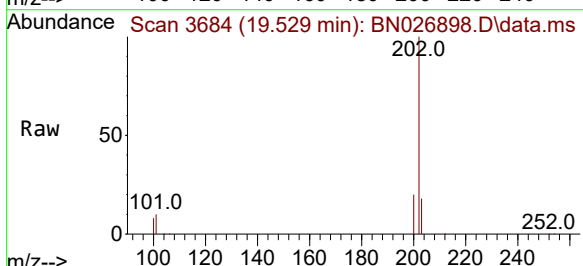
Tgt Ion:202 Resp: 263883

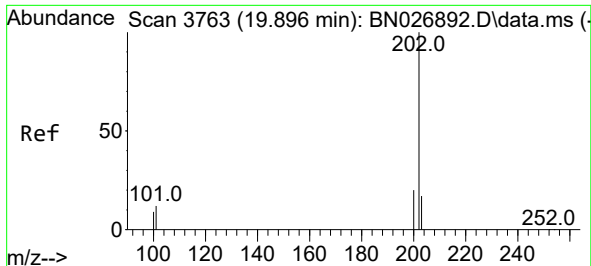
Ion Ratio Lower Upper

202 100

101 10.5 8.3 12.5

100 7.7 6.2 9.2

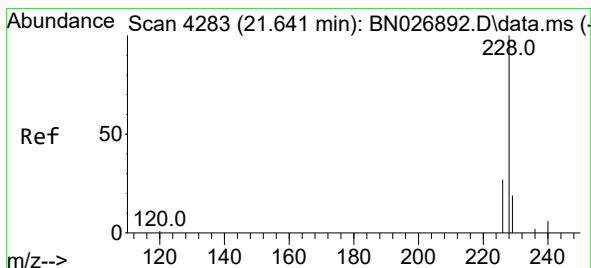
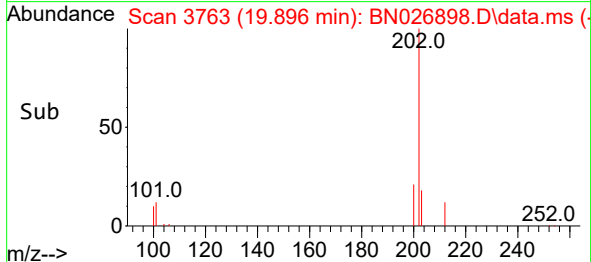
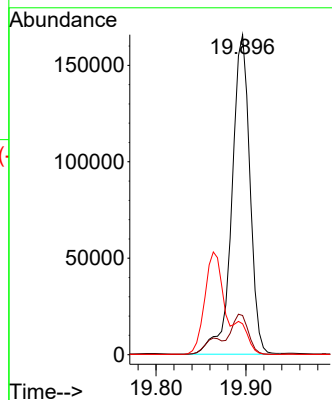
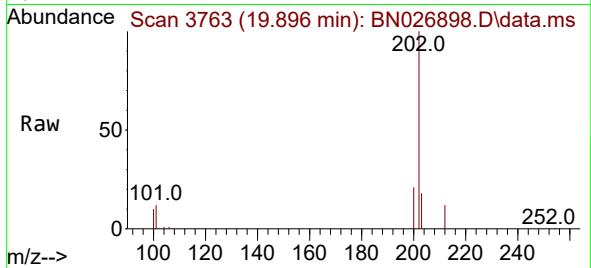




#20
Pyrene
Concen: 0.765 ng/ul
RT: 19.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026898.D
Acq: 15 Aug 2023 13:12

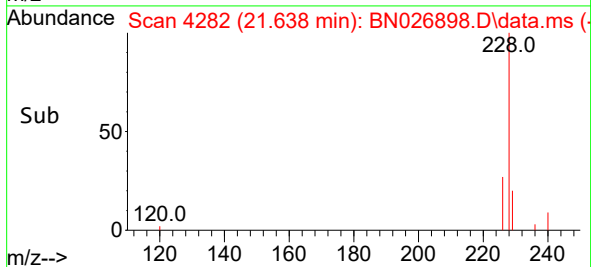
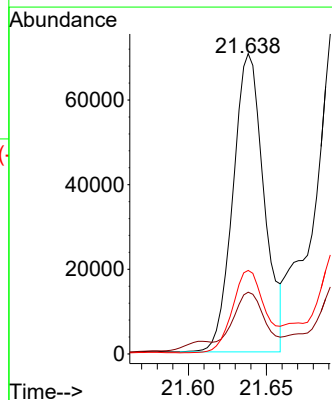
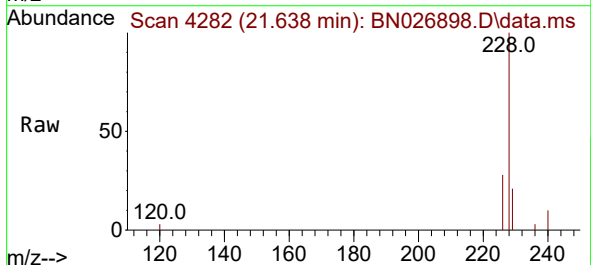
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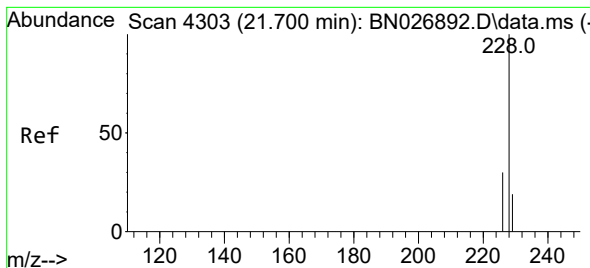
Tgt Ion:202 Resp: 230558
Ion Ratio Lower Upper
202 100
101 12.2 10.7 16.1
100 9.7 8.5 12.7



#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.638 min Scan# 4282
Delta R.T. -0.003 min
Lab File: BN026898.D
Acq: 15 Aug 2023 13:12

Tgt Ion:228 Resp: 97506
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 27.8 22.2 33.2





#22

Chrysene

Concen: 0.469 ng/ul

RT: 21.694 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN026898.D

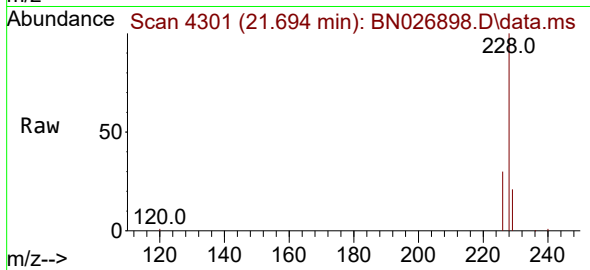
Acq: 15 Aug 2023 13:12

Instrument :

BNA_N

ClientSampleId :

A4832



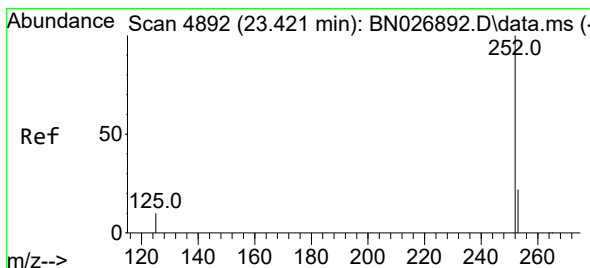
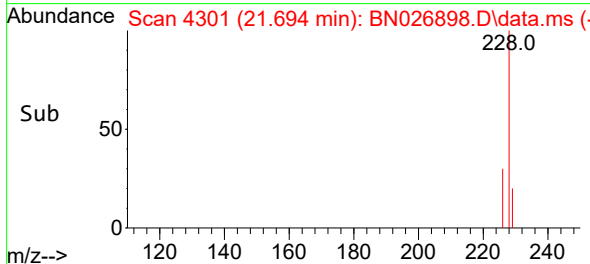
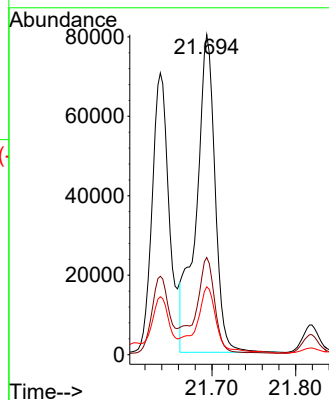
Tgt Ion:228 Resp: 125104

Ion Ratio Lower Upper

228 100

226 30.4 24.6 36.8

229 21.2 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.862 ng/ul

RT: 23.413 min Scan# 4889

Delta R.T. -0.009 min

Lab File: BN026898.D

Acq: 15 Aug 2023 13:12

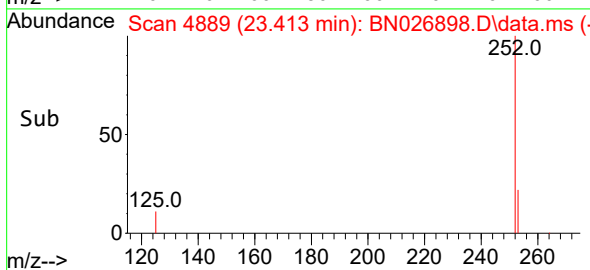
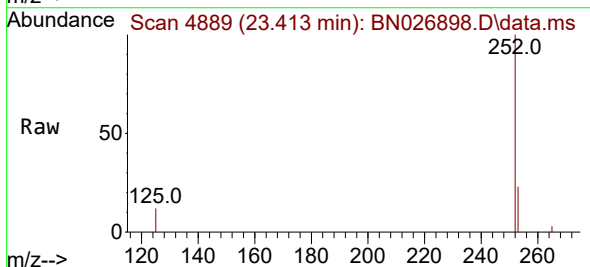
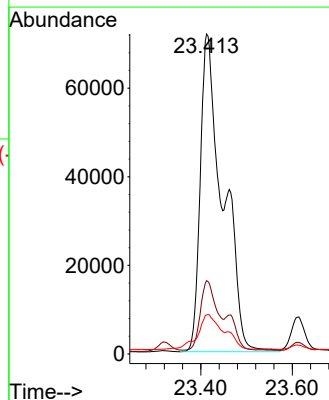
Tgt Ion:252 Resp: 246203

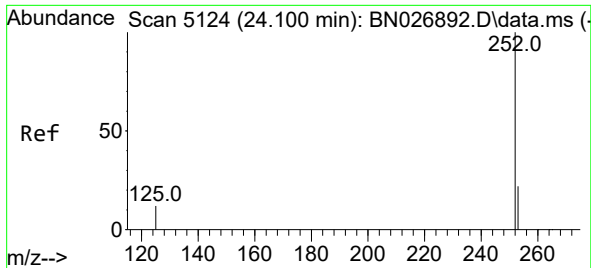
Ion Ratio Lower Upper

252 100

253 22.9 0.0 46.8

125 12.2 0.0 25.2

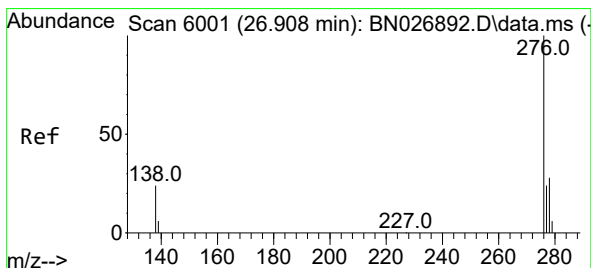
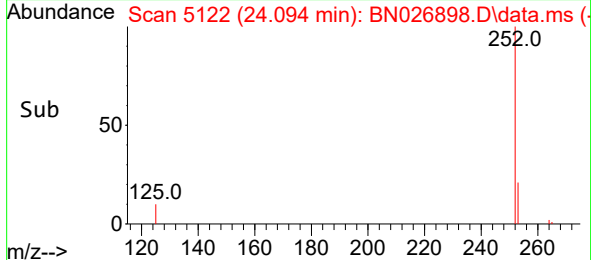
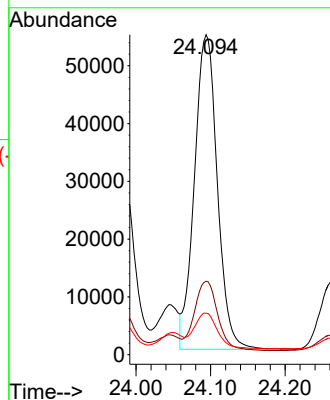
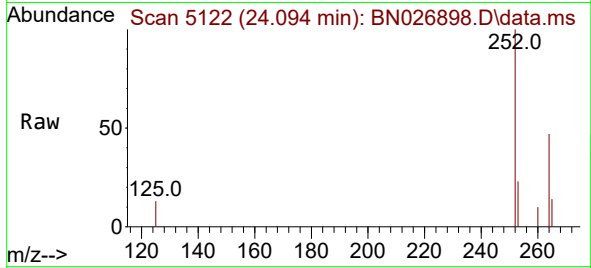




#26
Benzo(a)pyrene
Concen: 0.450 ng/ul
RT: 24.094 min Scan# 51
Delta R.T. -0.006 min
Lab File: BN026898.D
Acq: 15 Aug 2023 13:12

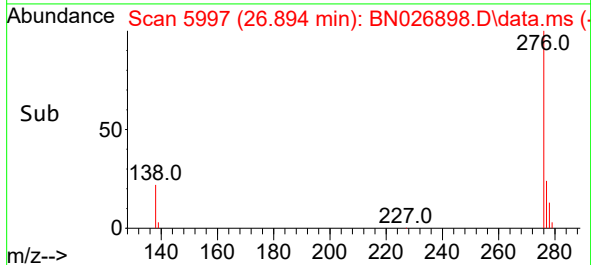
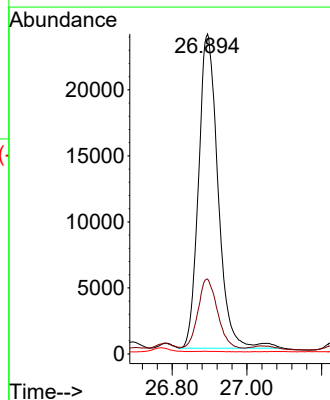
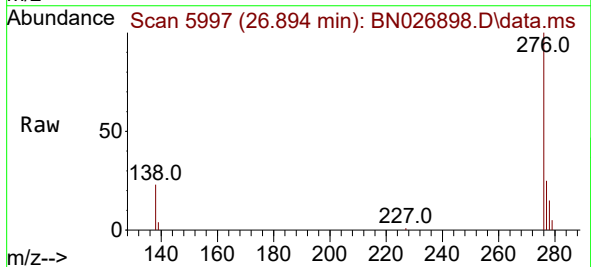
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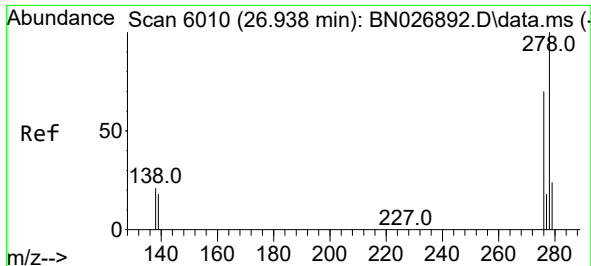
Tgt Ion:252 Resp: 116024
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.6
125 12.9 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng/ul
RT: 26.894 min Scan# 5997
Delta R.T. -0.013 min
Lab File: BN026898.D
Acq: 15 Aug 2023 13:12

Tgt Ion:276 Resp: 86068
Ion Ratio Lower Upper
276 100
138 21.8 21.6 32.4
227 0.1 0.0 0.0#

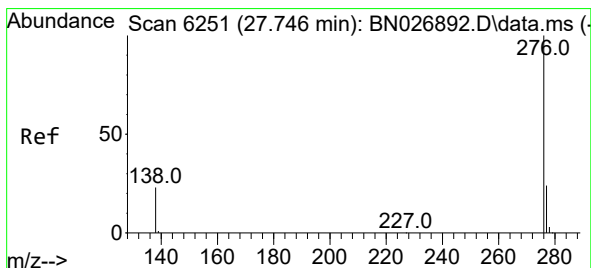
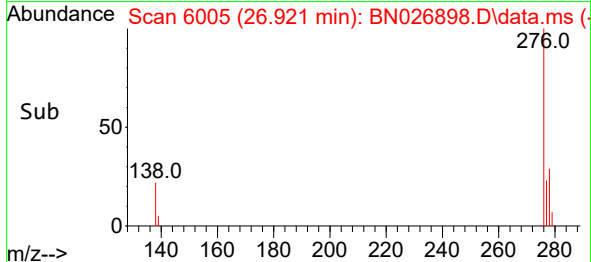
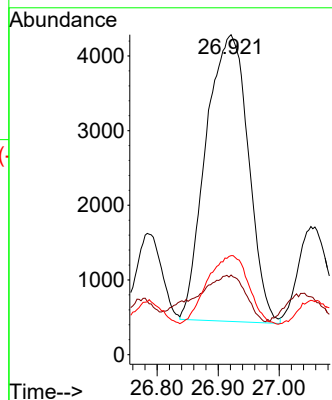
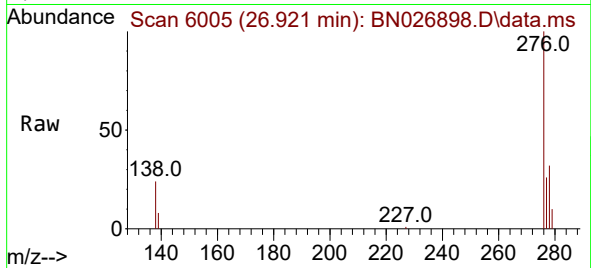




#28
 Dibenzo(a,h)anthracene
 Concen: 0.069 ng/ul
 RT: 26.921 min Scan# 6010
 Delta R.T. -0.017 min
 Lab File: BN026898.D
 Acq: 15 Aug 2023 13:12

Instrument :
 BNA_N
 ClientSampleId :
 A4832

Tgt Ion:278 Resp: 18485
 Ion Ratio Lower Upper
 278 100
 139 24.9 15.7 23.5#
 279 30.9 20.2 30.4#



#29
 Benzo(g,h,i)perylene
 Concen: 0.273 ng/ul
 RT: 27.739 min Scan# 6249
 Delta R.T. -0.007 min
 Lab File: BN026898.D
 Acq: 15 Aug 2023 13:12

Tgt Ion:276 Resp: 76636
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.3 28.9
 277 24.9 19.8 29.8

