

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026994.D
 Acq On : 21 Aug 2023 15:54
 Operator : MA/JU
 Sample : 03965-06DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H2DL

Quant Time: Aug 22 01:39:03 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 : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

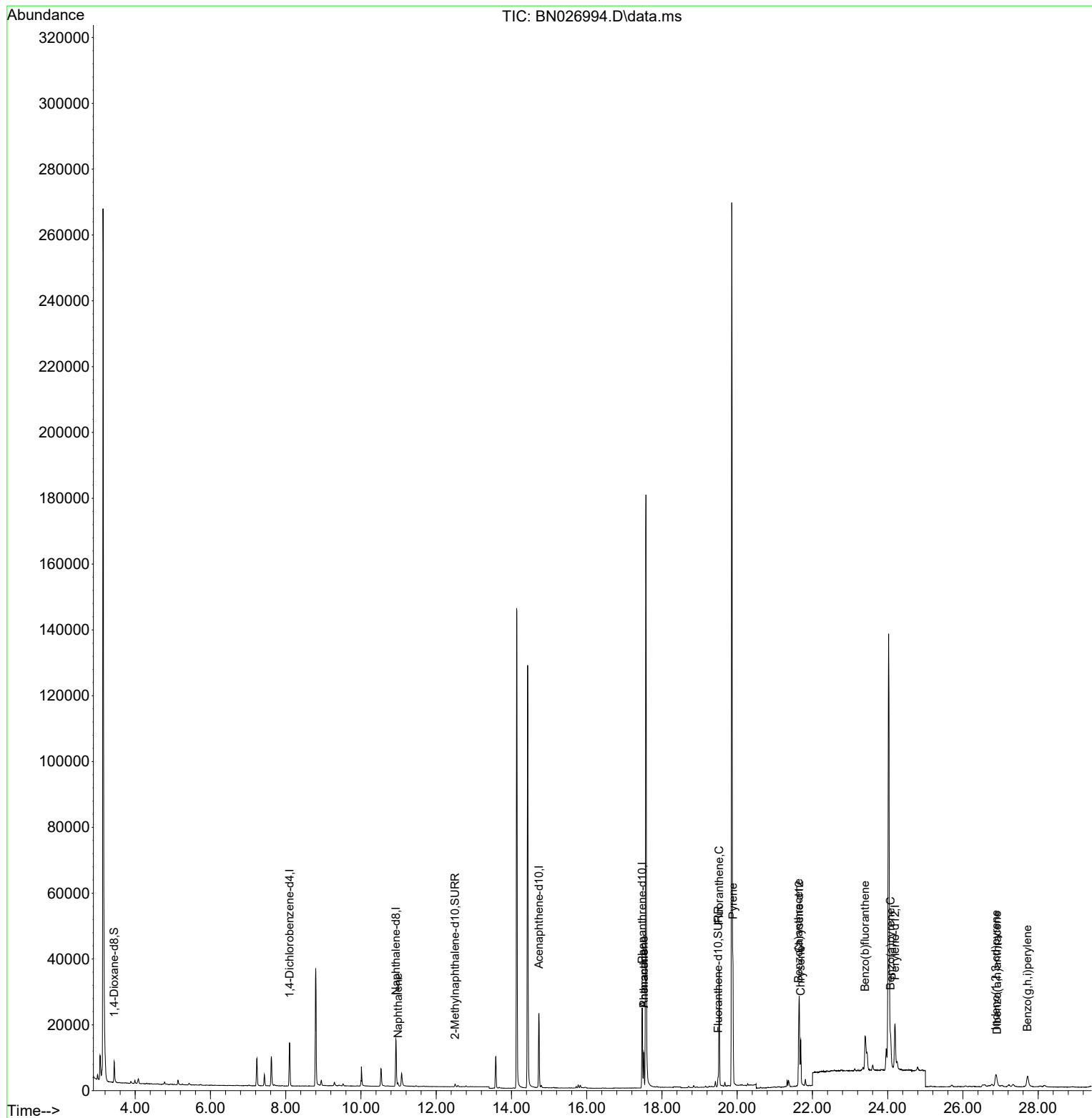
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	20853	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	12767	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.473	188	28726	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	22832	0.400	ng/ul	0.00
23) Perylene-d12	24.193	264	21138	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4658	0.589	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1156	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	3018	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	1268	0.022	ng/ul#	77
15) Phenanthrene	17.515	178	11511	0.122	ng/ul	98
16) Anthracene	17.515	178	7305	0.086	ng/ul	98
19) Fluoranthene	19.520	202	31140	0.328	ng/ul	98
20) Pyrene	19.887	202	29758	0.294	ng/ul	98
21) Benzo(a)anthracene	21.633	228	15356	0.169	ng/ul	96
22) Chrysene	21.688	228	13391	0.149	ng/ul	96
24) Benzo(b)fluoranthene	23.401	252	28052	0.351	ng/ul	83
26) Benzo(a)pyrene	24.076	252	12558	0.174	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.875	276	8290	0.088	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.905	278	1880	0.025	ng/ul#	19
29) Benzo(g,h,i)perylene	27.717	276	8068	0.103	ng/ul#	90

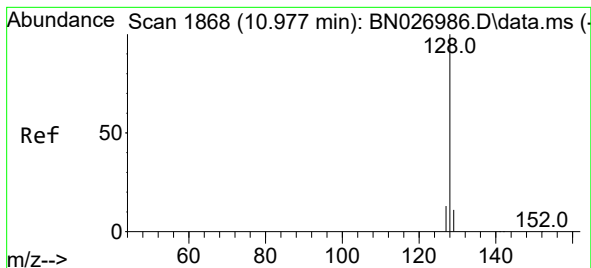
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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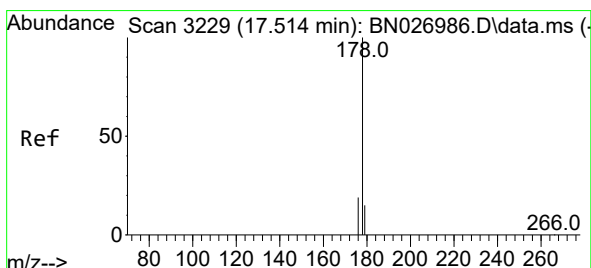
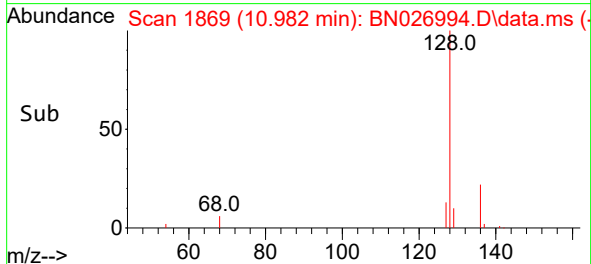
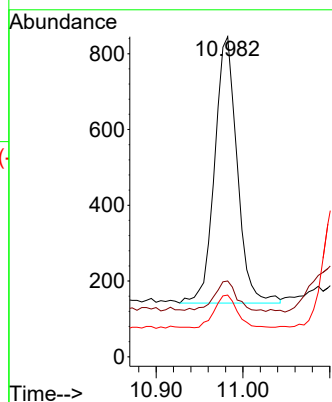
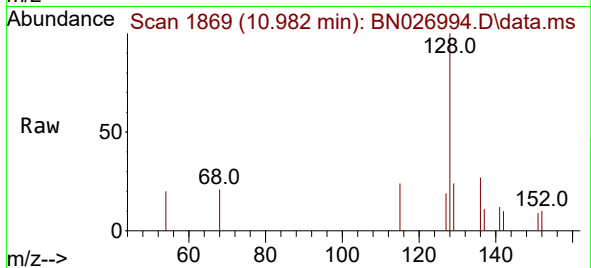




#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

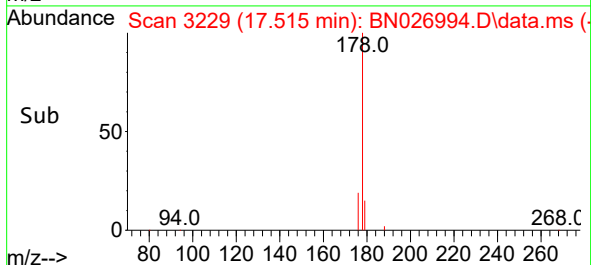
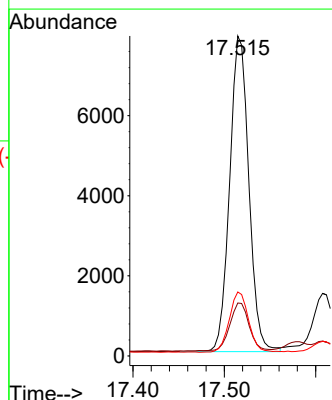
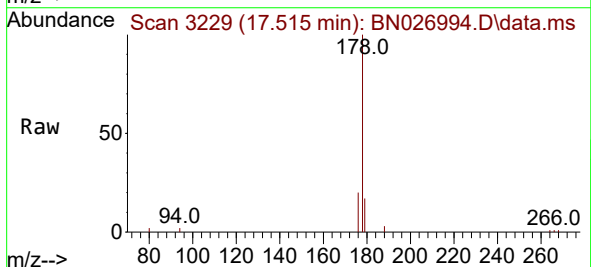
Instrument :
BNA_N
ClientSampleId :
A48H2DL

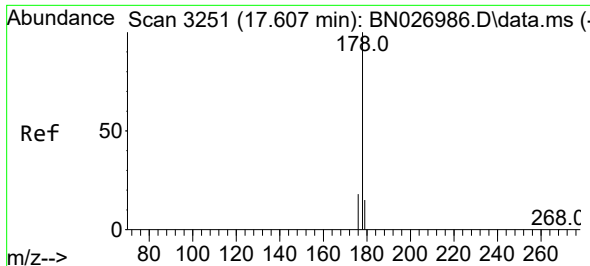
Tgt Ion:128 Resp: 1268
Ion Ratio Lower Upper
128 100
129 23.7 9.2 13.8#
127 19.3 10.5 15.7#



#15
Phenanthrene
Concen: 0.122 ng/ul
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

Tgt Ion:178 Resp: 11511
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 20.0 15.4 23.2

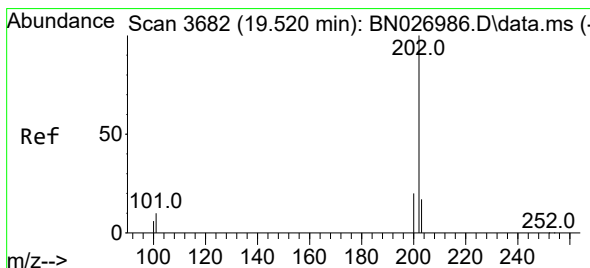
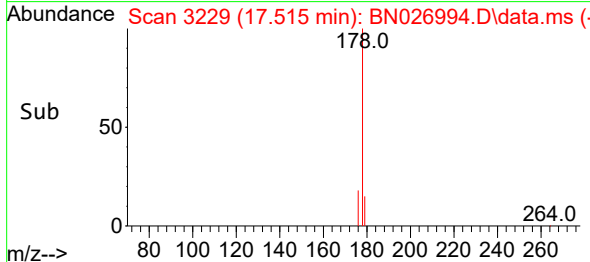
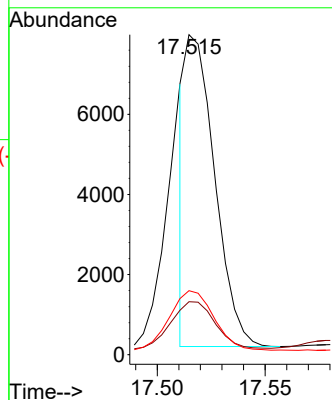
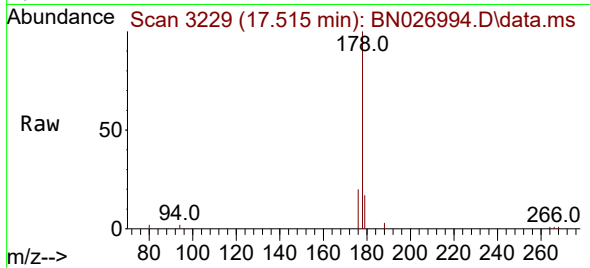




#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.515 min Scan# 31
 Delta R.T. -0.093 min
 Lab File: BN026994.D
 Acq: 21 Aug 2023 15:54

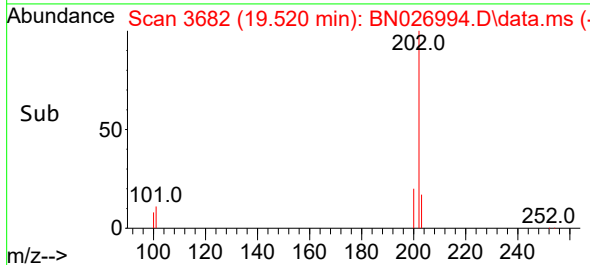
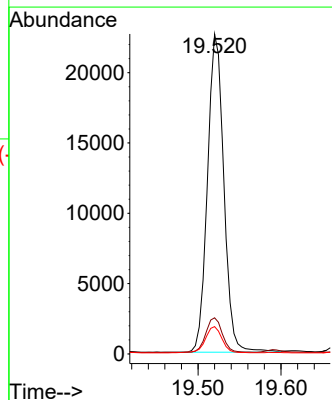
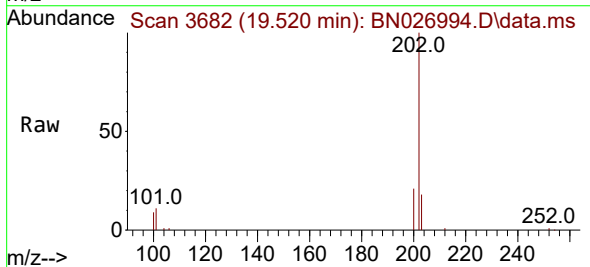
Instrument :
 BNA_N
 ClientSampleId :
 A48H2DL

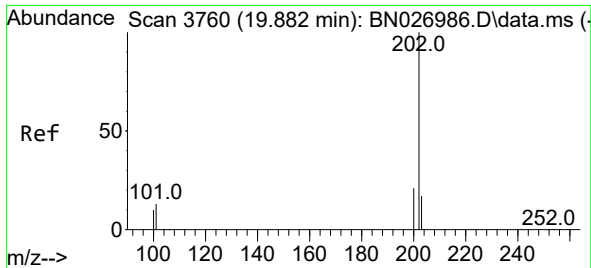
Tgt Ion:178 Resp: 7305
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.6 19.0
 176 20.0 15.0 22.6



#19
 Fluoranthene
 Concen: 0.328 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN026994.D
 Acq: 21 Aug 2023 15:54

Tgt Ion:202 Resp: 31140
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.3 12.5
 100 8.6 6.2 9.2

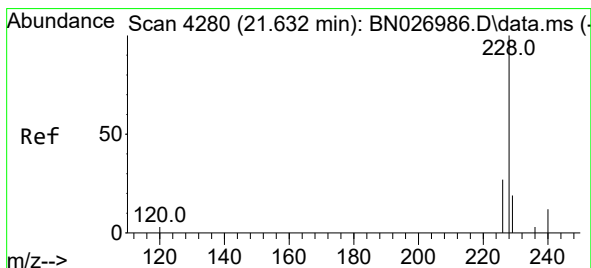
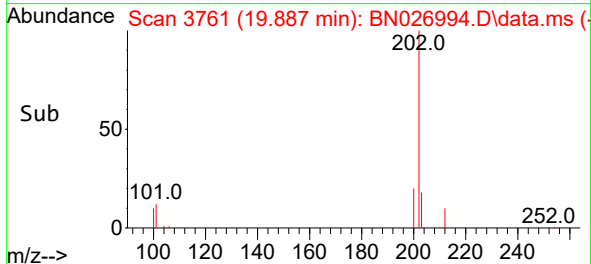
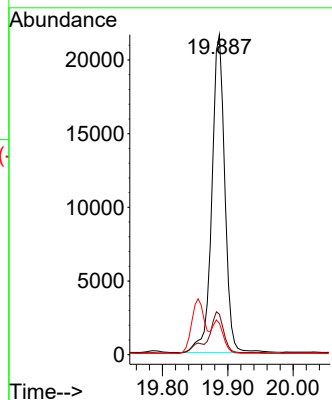
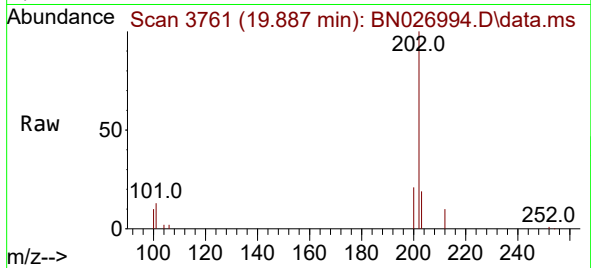




#20
Pyrene
Concen: 0.294 ng/ul
RT: 19.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

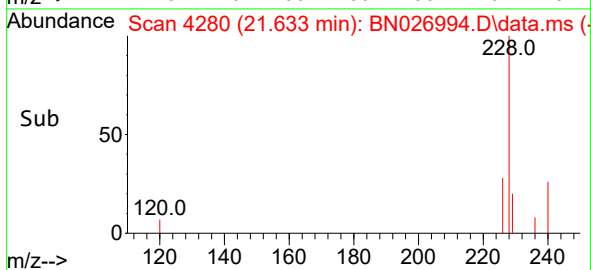
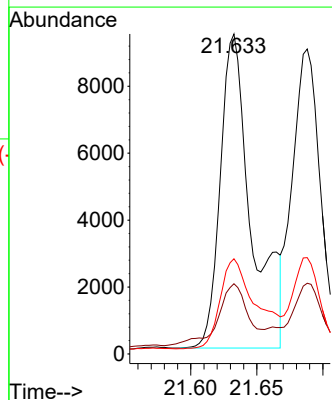
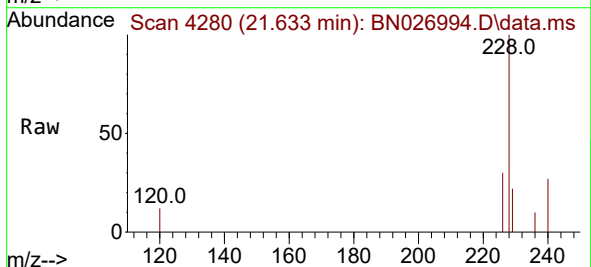
Instrument :
BNA_N
ClientSampleId :
A48H2DL

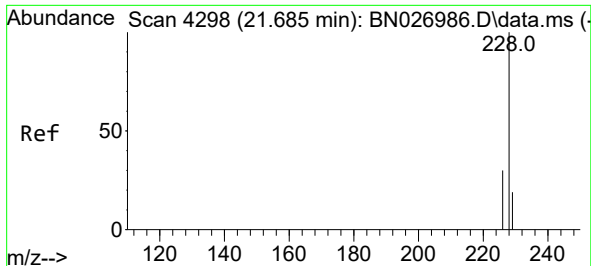
Tgt Ion:202 Resp: 29758
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.9 8.5 12.7



#21
Benzo(a)anthracene
Concen: 0.169 ng/ul
RT: 21.633 min Scan# 4280
Delta R.T. 0.000 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

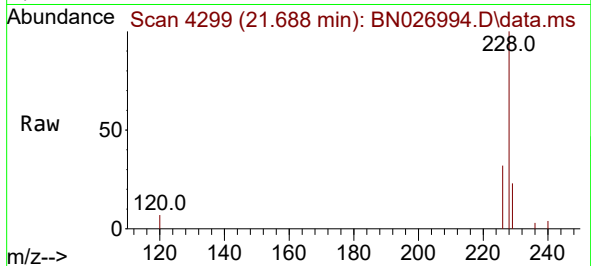
Tgt Ion:228 Resp: 15356
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 29.7 22.2 33.2



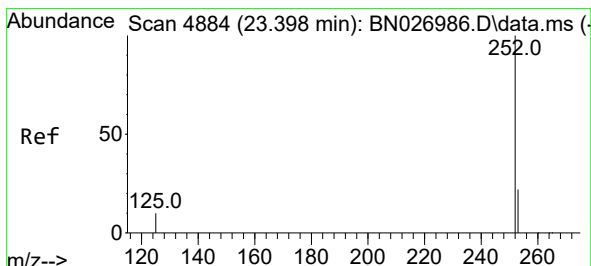
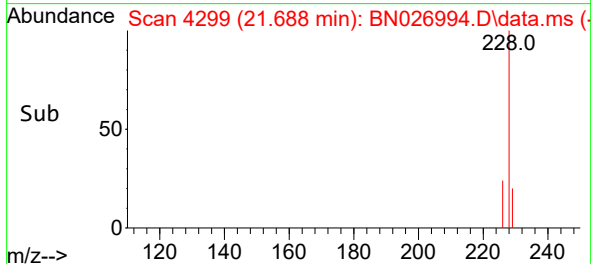
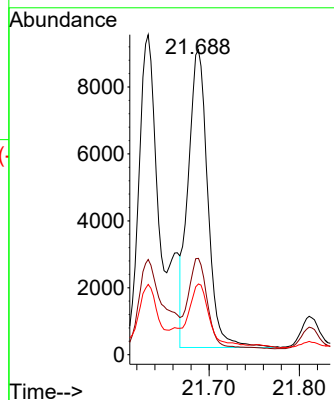


#22
Chrysene
Concen: 0.149 ng/ul
RT: 21.688 min Scan# 4299
Delta R.T. -0.003 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

Instrument :
BNA_N
ClientSampleId :
A48H2DL

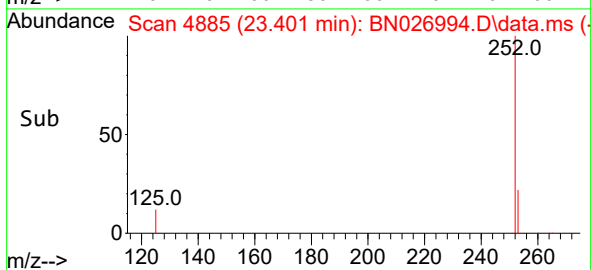
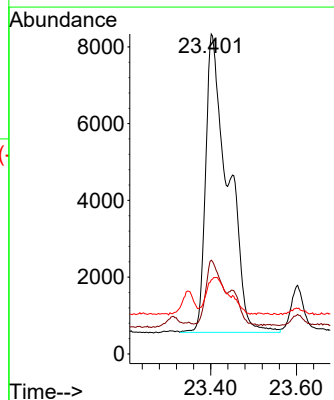
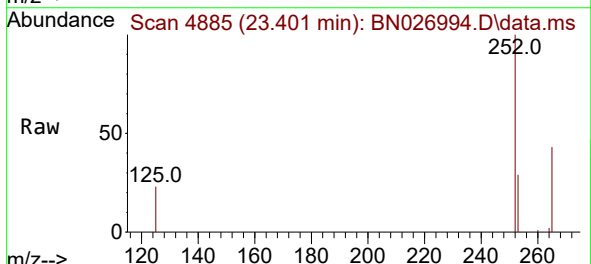


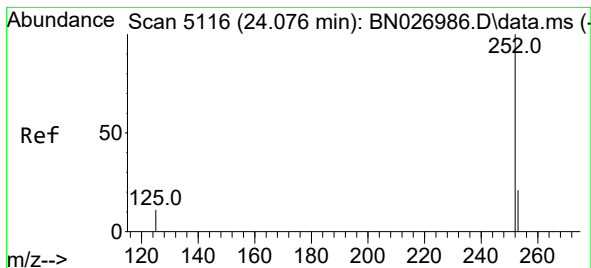
Tgt Ion:228 Resp: 13391
Ion Ratio Lower Upper
228 100
226 31.6 24.6 36.8
229 23.2 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.401 min Scan# 4885
Delta R.T. -0.006 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

Tgt Ion:252 Resp: 28052
Ion Ratio Lower Upper
252 100
253 29.3 0.0 46.8
125 23.1 0.0 25.2





#26

Benzo(a)pyrene

Concen: 0.174 ng/ul

RT: 24.076 min Scan# 5116

Delta R.T. -0.009 min

Lab File: BN026994.D

Acq: 21 Aug 2023 15:54

Instrument :

BNA_N

ClientSampleId :

A48H2DL

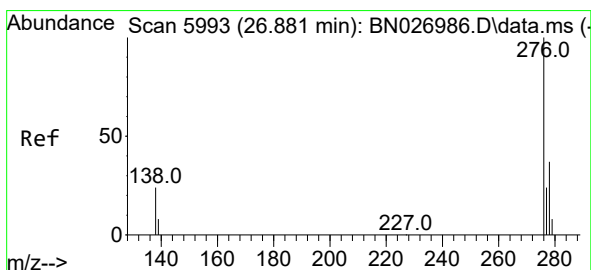
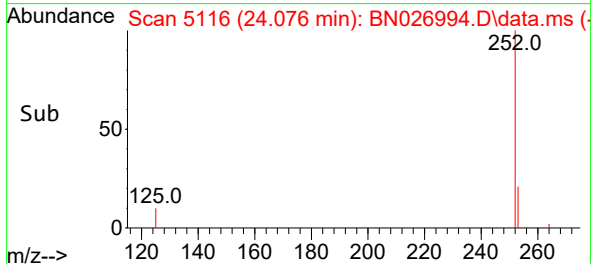
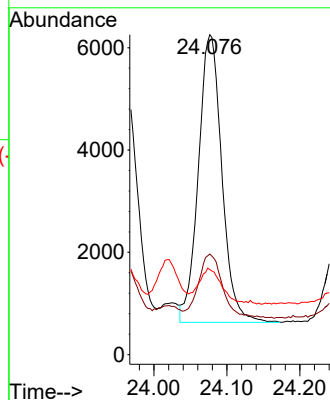
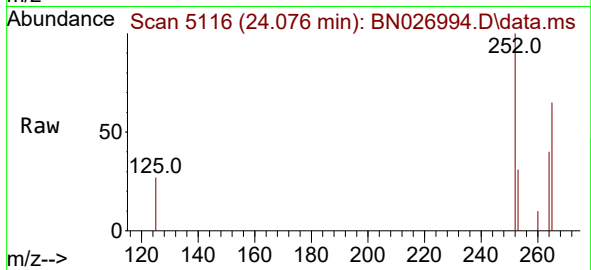
Tgt Ion:252 Resp: 12558

Ion Ratio Lower Upper

252 100

253 31.4 19.0 28.6#

125 26.6 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.088 ng/ul

RT: 26.875 min Scan# 5991

Delta R.T. -0.010 min

Lab File: BN026994.D

Acq: 21 Aug 2023 15:54

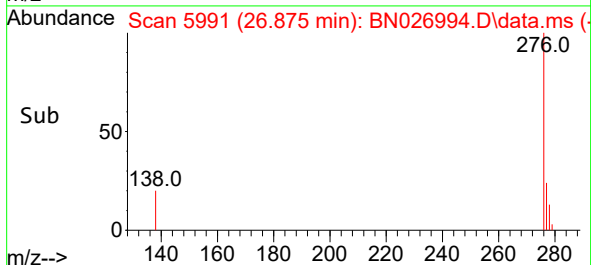
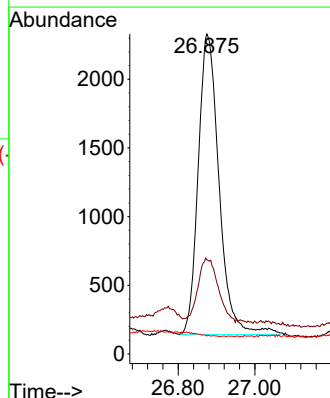
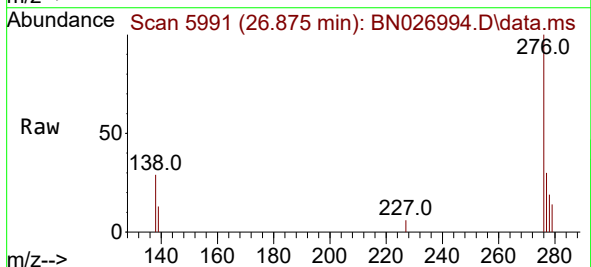
Tgt Ion:276 Resp: 8290

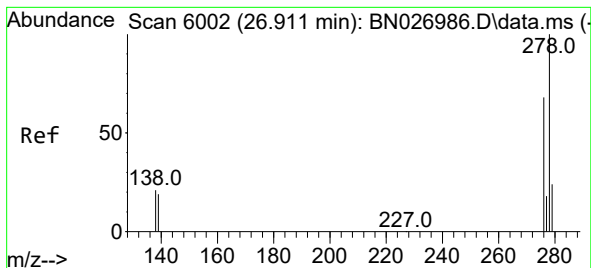
Ion Ratio Lower Upper

276 100

138 20.6 21.6 32.4#

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.025 ng/ul

RT: 26.905 min Scan# 6000

Delta R.T. -0.017 min

Lab File: BN026994.D

Acq: 21 Aug 2023 15:54

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BNA_N

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A48H2DL

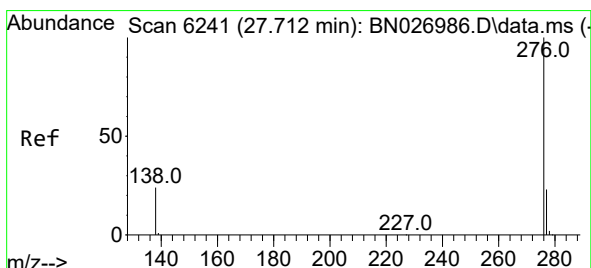
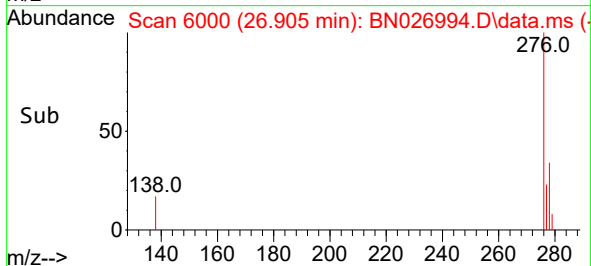
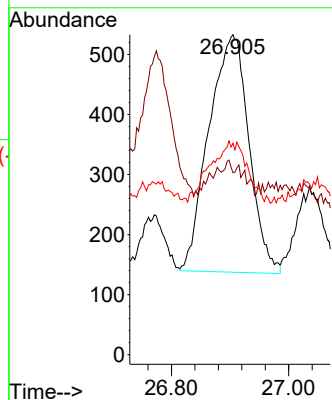
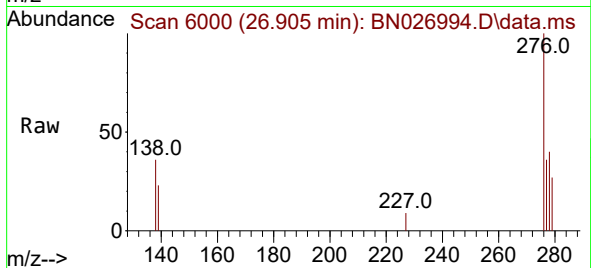
Tgt Ion:278 Resp: 1880

Ion Ratio Lower Upper

278 100

139 56.8 15.7 23.5#

279 66.0 20.2 30.4#



#29

Benzo(g,h,i)perylene

Concen: 0.103 ng/ul

RT: 27.717 min Scan# 6242

Delta R.T. -0.007 min

Lab File: BN026994.D

Acq: 21 Aug 2023 15:54

Tgt Ion:276 Resp: 8068

Ion Ratio Lower Upper

276 100

138 30.3 19.3 28.9#

277 29.0 19.8 29.8

