

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027000.D
 Acq On : 21 Aug 2023 20:16
 Operator : MA/JU
 Sample : 03967-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L9

Quant Time: Aug 22 01:39:59 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)

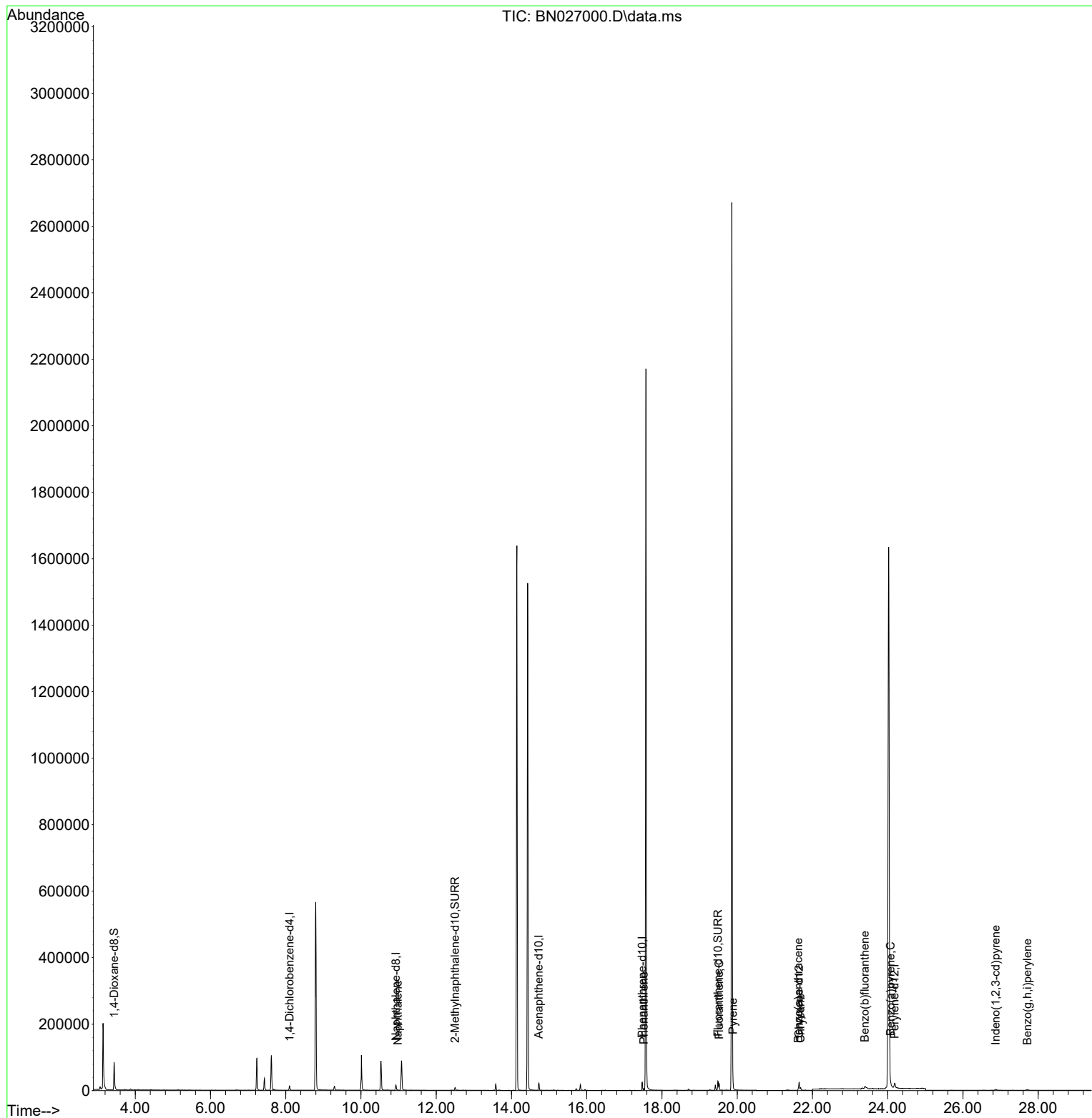
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6443	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	21543	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	12353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	27532	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	21828	0.400	ng/ul	0.00
23) Perylene-d12	24.184	264	23858	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	60038	7.849	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	11700	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	29326	0.425	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	1427	0.023	ng/ul#	78
15) Phenanthrene	17.515	178	5875	0.065	ng/ul	96
19) Fluoranthene	19.520	202	17216	0.190	ng/ul	98
20) Pyrene	19.887	202	19744	0.204	ng/ul	99
21) Benzo(a)anthracene	21.627	228	6086	0.070	ng/ul	96
22) Chrysene	21.682	228	9286	0.108	ng/ul	98
24) Benzo(b)fluoranthene	23.392	252	17832	0.198	ng/ul#	75
26) Benzo(a)pyrene	24.073	252	7286	0.089	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.871	276	5665	0.053	ng/ul#	84
29) Benzo(g,h,i)perylene	27.716	276	5809	0.065	ng/ul#	87

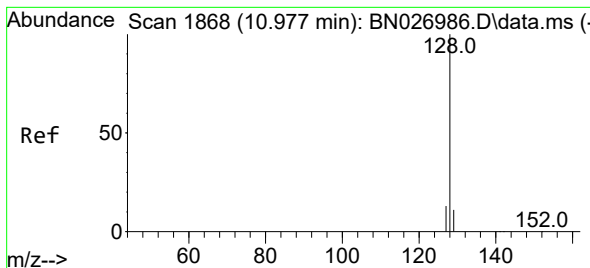
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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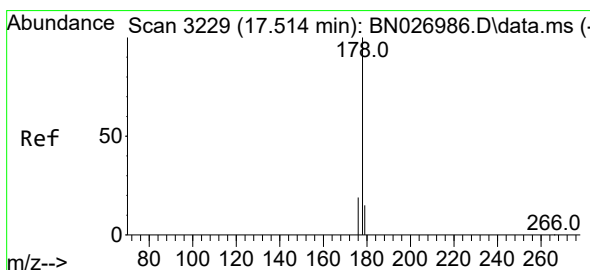
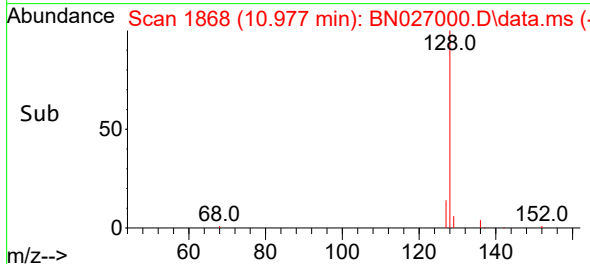
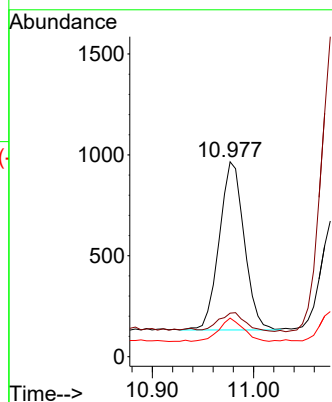
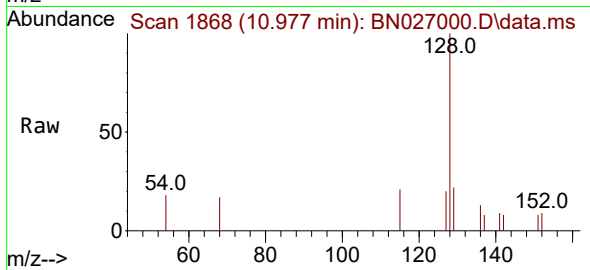




#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027000.D
Acq: 21 Aug 2023 20:16

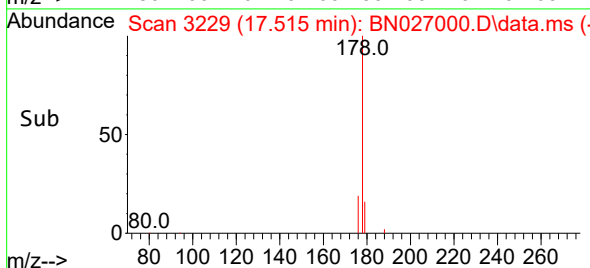
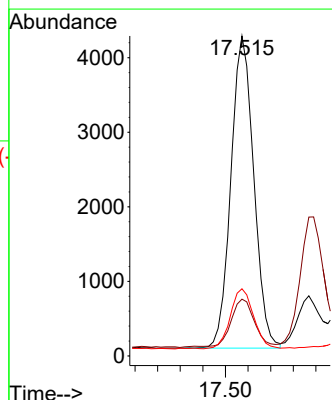
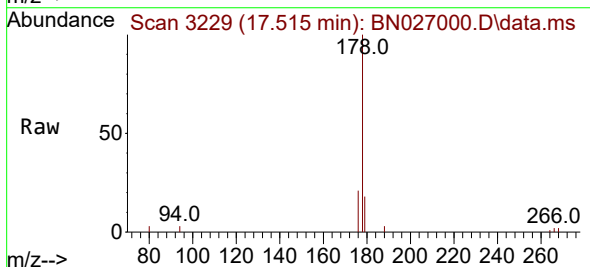
Instrument :
BNA_N
ClientSampleId :
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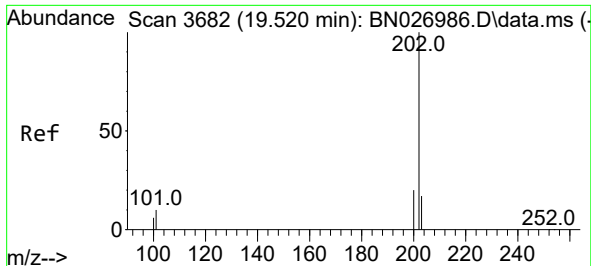
Tgt Ion:128 Resp: 1427
Ion Ratio Lower Upper
128 100
129 22.3 9.2 13.8#
127 19.8 10.5 15.7#



#15
Phenanthrene
Concen: 0.065 ng/ul
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN027000.D
Acq: 21 Aug 2023 20:16

Tgt Ion:178 Resp: 5875
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 21.0 15.4 23.2

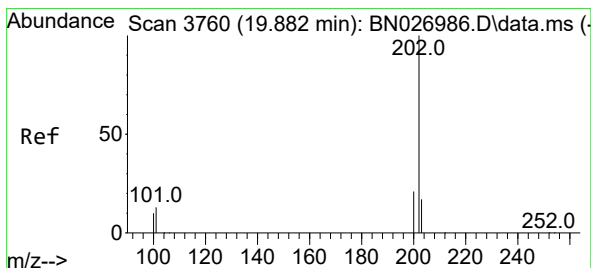
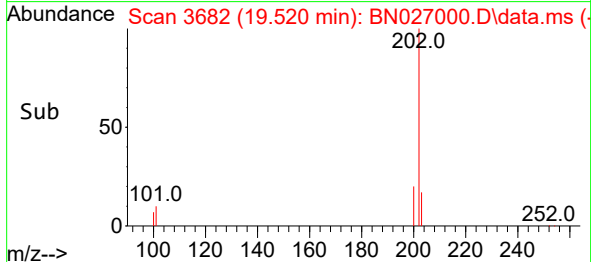
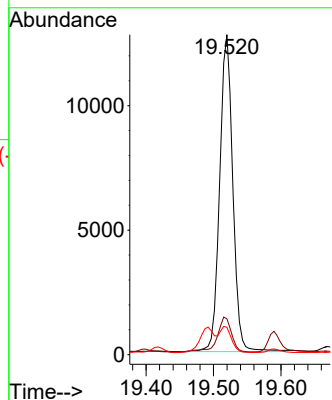
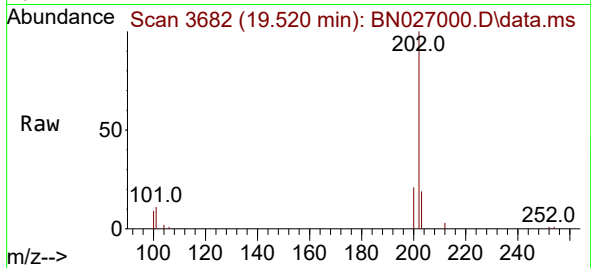




#19
Fluoranthene
Concen: 0.190 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027000.D
Acq: 21 Aug 2023 20:16

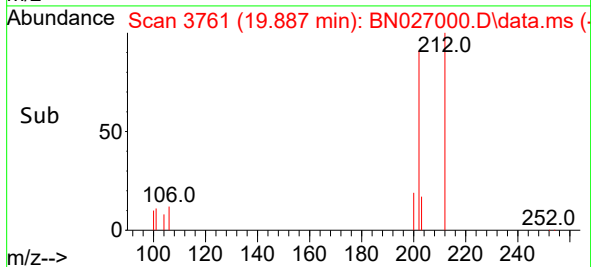
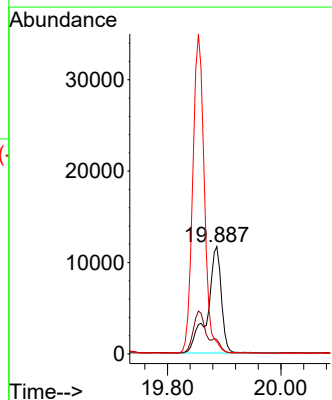
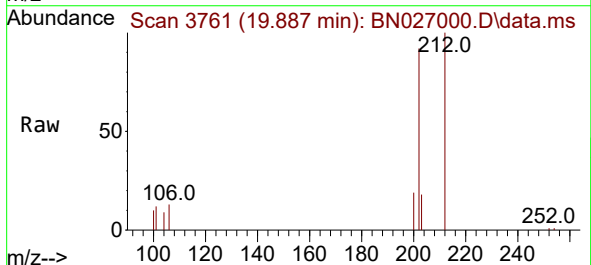
Instrument :
BNA_N
ClientSampleId :
A48L9

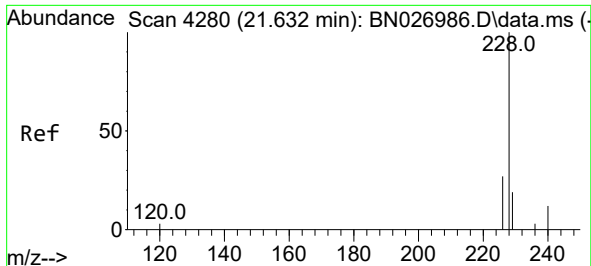
Tgt Ion:202 Resp: 17216
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 8.5 6.2 9.2



#20
Pyrene
Concen: 0.204 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN027000.D
Acq: 21 Aug 2023 20:16

Tgt Ion:202 Resp: 19744
Ion Ratio Lower Upper
202 100
101 13.3 10.7 16.1
100 11.4 8.5 12.7

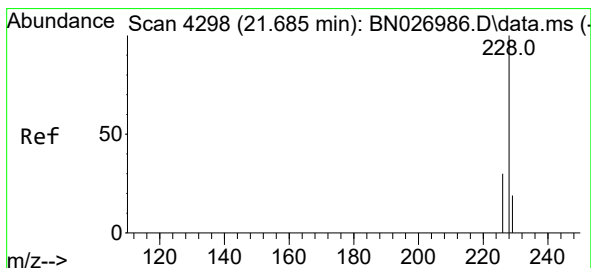
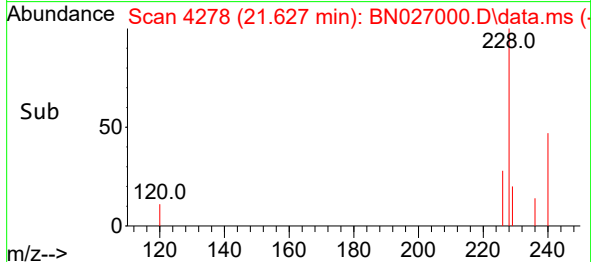
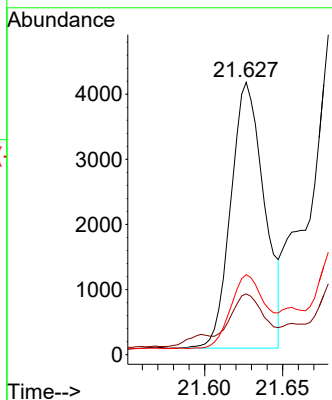
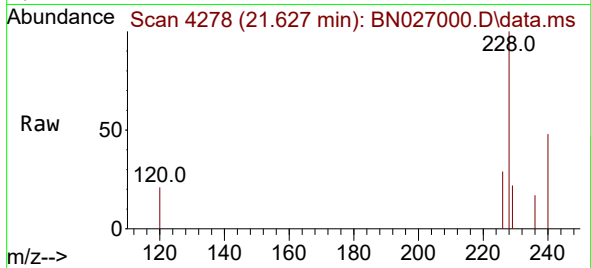




#21
Benzo(a)anthracene
Concen: 0.070 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN027000.D
Acq: 21 Aug 2023 20:16

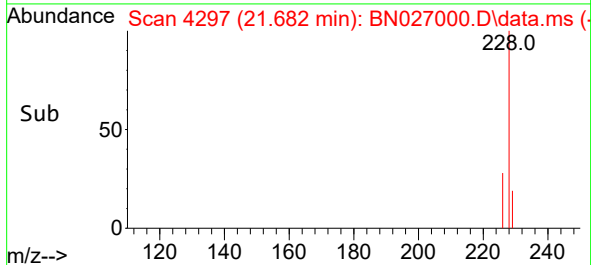
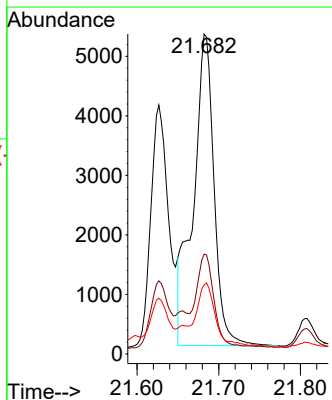
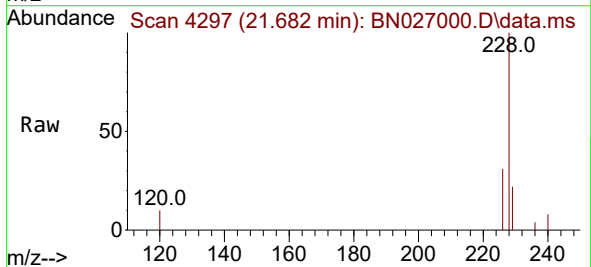
Instrument :
BNA_N
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A48L9

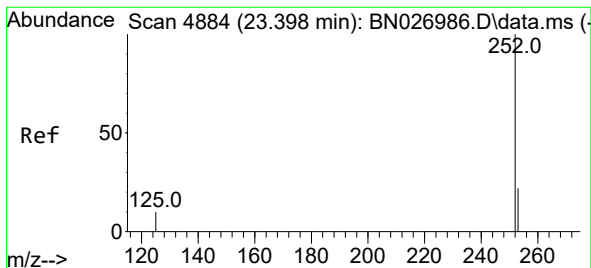
Tgt Ion:228 Resp: 6086
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 29.3 22.2 33.2



#22
Chrysene
Concen: 0.108 ng/ul
RT: 21.682 min Scan# 4297
Delta R.T. -0.009 min
Lab File: BN027000.D
Acq: 21 Aug 2023 20:16

Tgt Ion:228 Resp: 9286
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 21.6 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.198 ng/ul

RT: 23.392 min Scan# 41

Delta R.T. -0.015 min

Lab File: BN027000.D

Acq: 21 Aug 2023 20:16

Instrument :

BNA_N

ClientSampleId :

A48L9

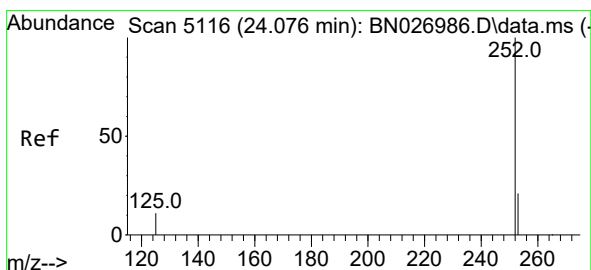
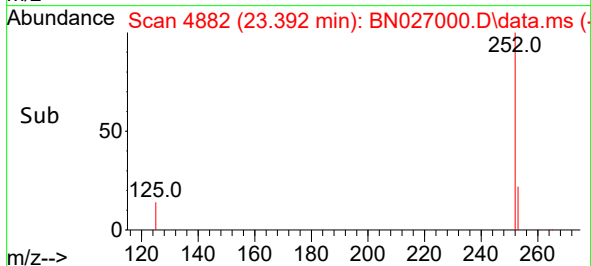
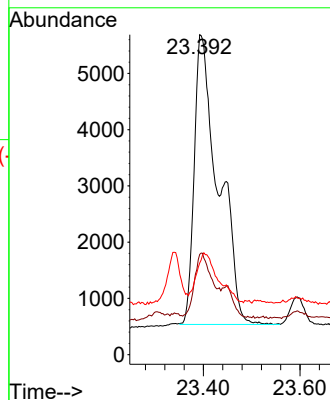
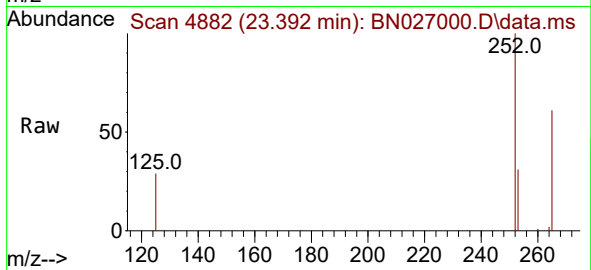
Tgt Ion:252 Resp: 17832

Ion Ratio Lower Upper

252 100

253 31.3 0.0 46.8

125 28.6 0.0 25.2#



#26

Benzo(a)pyrene

Concen: 0.089 ng/ul

RT: 24.073 min Scan# 5115

Delta R.T. -0.012 min

Lab File: BN027000.D

Acq: 21 Aug 2023 20:16

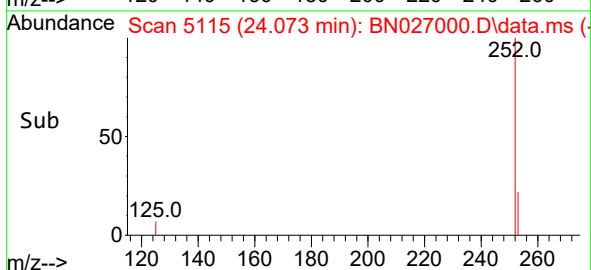
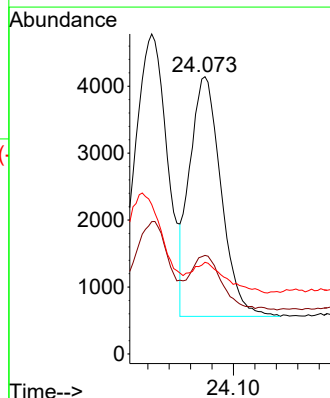
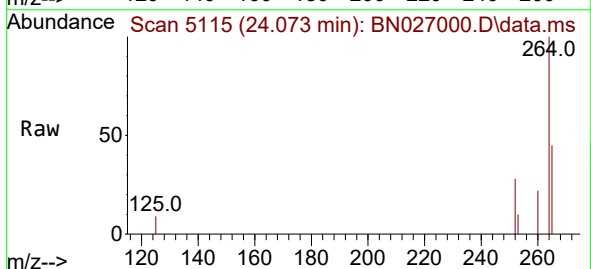
Tgt Ion:252 Resp: 7286

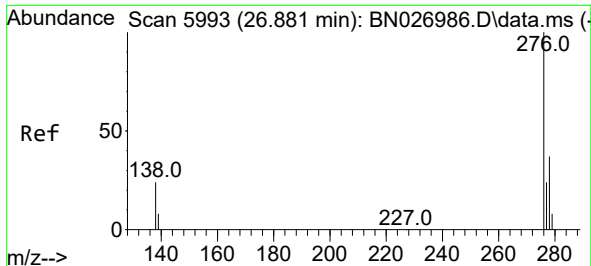
Ion Ratio Lower Upper

252 100

253 35.5 19.0 28.6#

125 33.0 11.4 17.0#

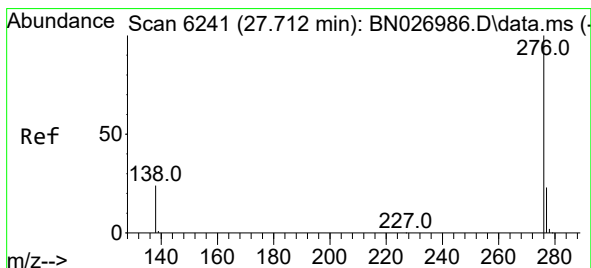
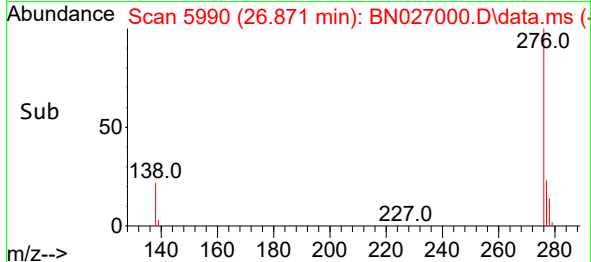
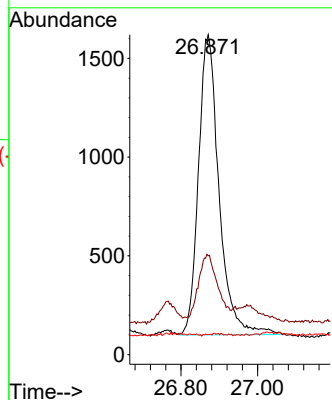
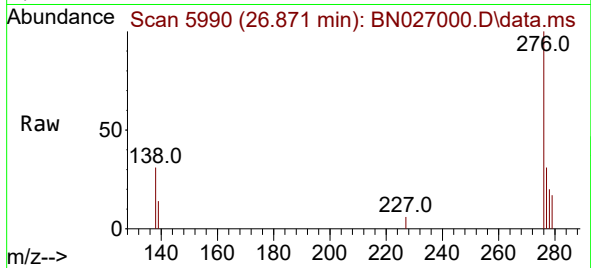




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 26.871 min Scan# 5990
Delta R.T. -0.014 min
Lab File: BN027000.D
Acq: 21 Aug 2023 20:16

Instrument :
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A48L9

Tgt Ion:276 Resp: 5665
Ion Ratio Lower Upper
276 100
138 18.7 21.6 32.4#
227 0.2 0.0 0.0#



#29
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 27.716 min Scan# 6242
Delta R.T. -0.007 min
Lab File: BN027000.D
Acq: 21 Aug 2023 20:16

Tgt Ion:276 Resp: 5809
Ion Ratio Lower Upper
276 100
138 31.7 19.3 28.9#
277 30.4 19.8 29.8#

