

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026531.D
 Acq On : 17 Jul 2023 11:34
 Operator : MA/JU
 Sample : 03457-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C53

Quant Time: Jul 18 03:03:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

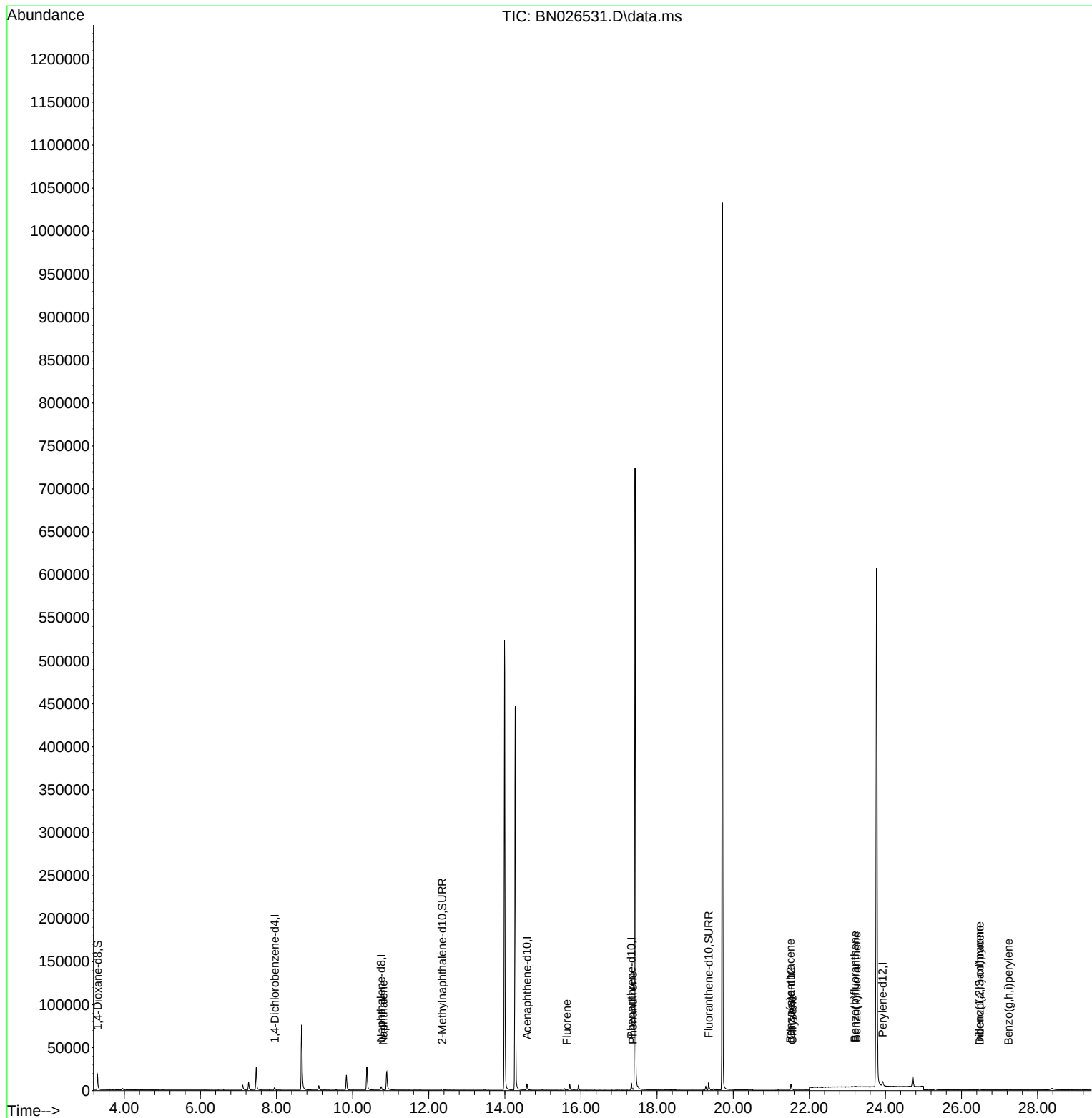
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	2105	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	6482	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	4190	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	9775	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.517	240	8386	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	8490	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	12197	4.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	2720	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	10671	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	468	0.026	ng/ul#	58
12) Fluorene	15.625	166	587	0.036	ng/ul#	96
15) Phenanthrene	17.364	178	1680	0.054	ng/ul#	88
21) Benzo(a)anthracene	21.505	228	654	0.021	ng/ul#	79
22) Chrysene	21.555	228	757	0.022	ng/ul#	78
24) Benzo(b)fluoranthene	23.195	252	795	0.024	ng/ul#	1
25) Benzo(k)fluoranthene	23.242	252	746	0.022	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.470	276	814	0.021	ng/ul#	70
28) Dibenzo(a,h)anthracene	26.477	278	608	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	27.235	276	748	0.022	ng/ul#	38

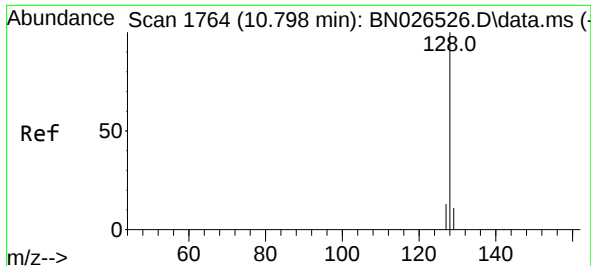
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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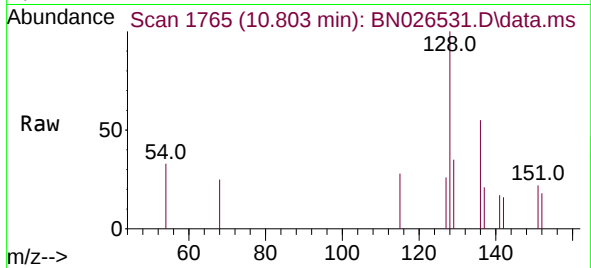
Quant Time: Jul 18 03:03:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration



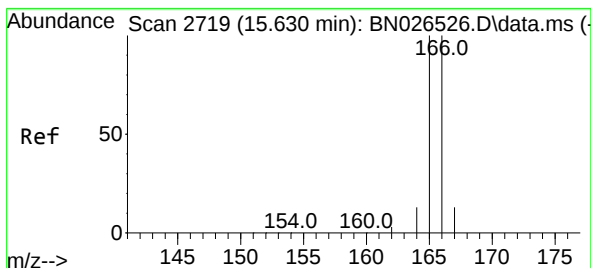
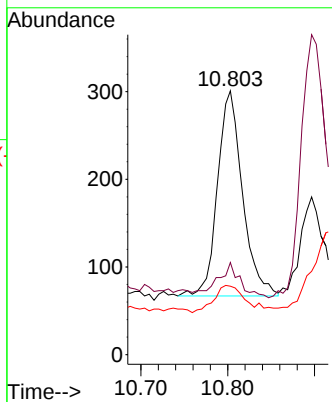
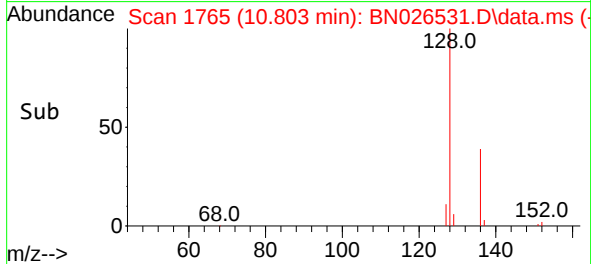


#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. 0.005 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Instrument :
BNA_N
ClientSampleId :
C0C53

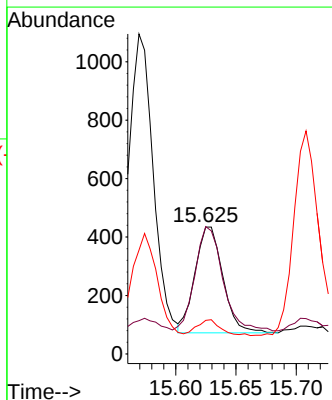
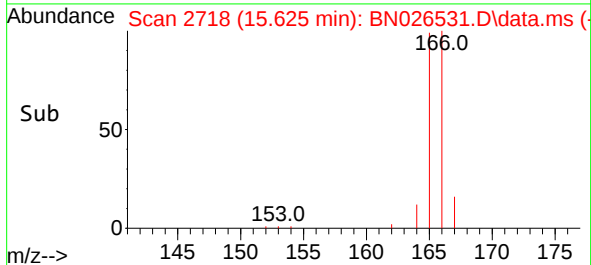
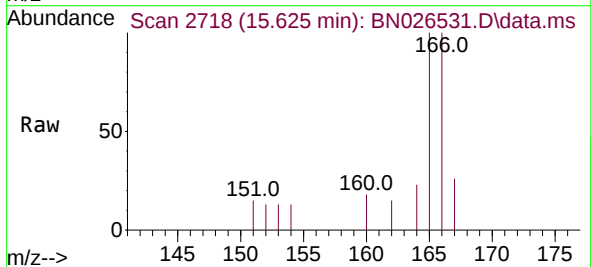


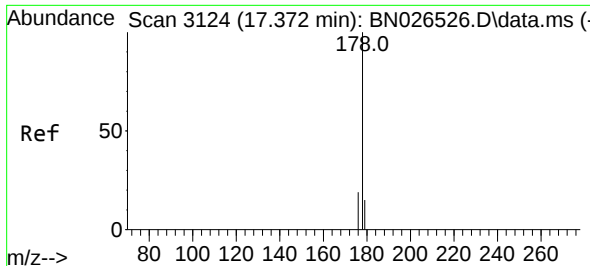
Tgt Ion:128 Resp: 468
Ion Ratio Lower Upper
128 100
129 34.9 10.2 15.2#
127 25.9 11.4 17.0#



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Tgt Ion:166 Resp: 587
Ion Ratio Lower Upper
166 100
165 100.5 80.6 120.8
167 26.5 12.0 18.0#

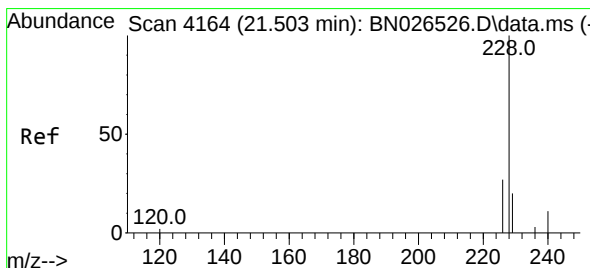
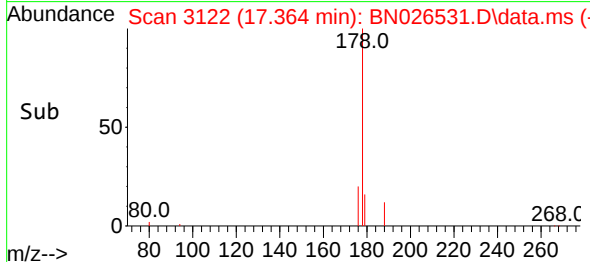
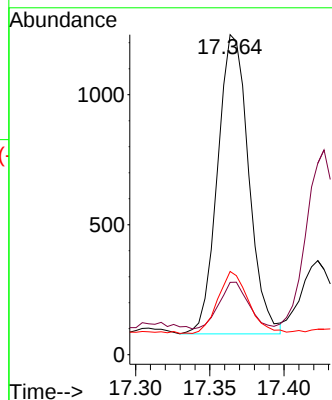
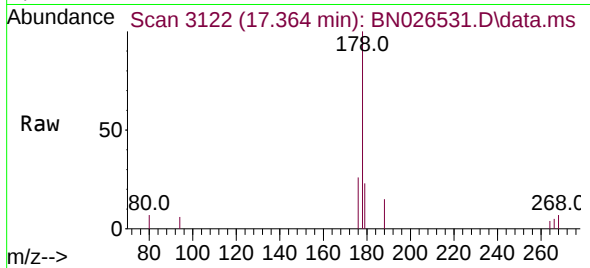




#15
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.364 min Scan# 3124
Delta R.T. -0.009 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

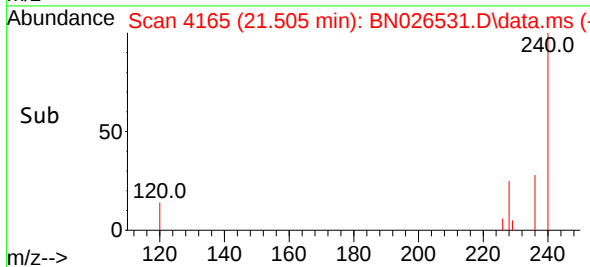
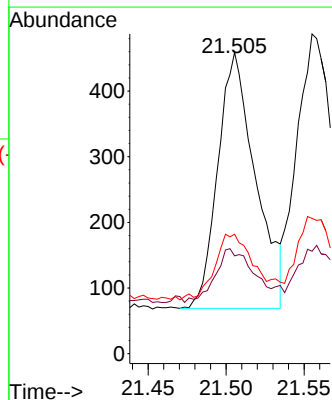
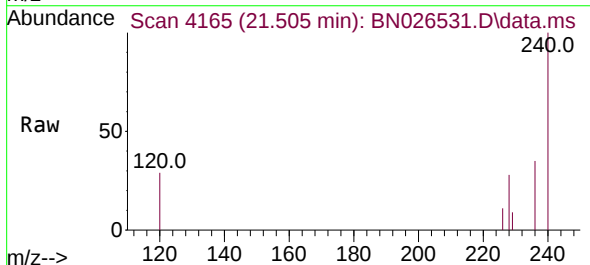
Instrument :
BNA_N
ClientSampleId :
C0C53

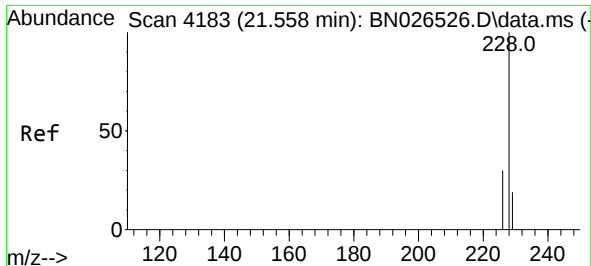
Tgt Ion:178 Resp: 1680
Ion Ratio Lower Upper
178 100
179 22.6 13.7 20.5#
176 26.0 16.5 24.7#



#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.003 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Tgt Ion:228 Resp: 654
Ion Ratio Lower Upper
228 100
229 32.5 16.7 25.1#
226 39.7 23.5 35.3#





#22

Chrysene

Concen: 0.022 ng/ul

RT: 21.555 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BN026531.D

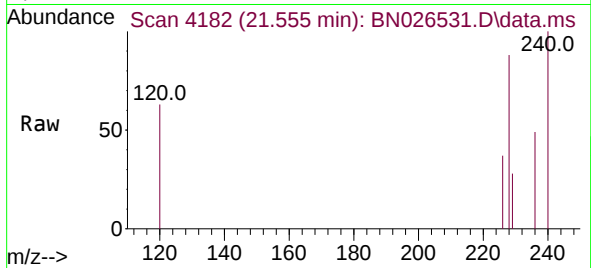
Acq: 17 Jul 2023 11:34

Instrument :

BNA_N

ClientSampleId :

C0C53



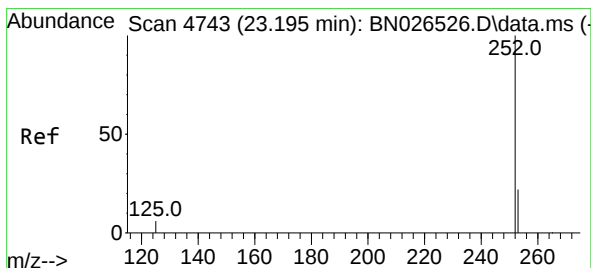
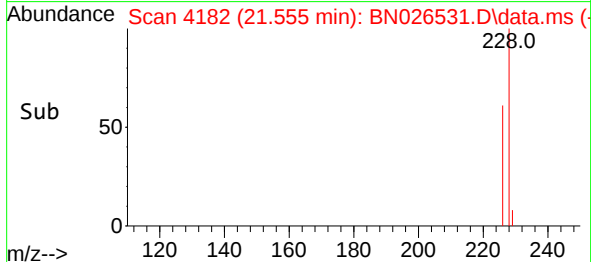
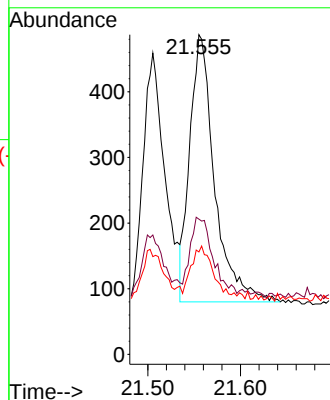
Tgt Ion:228 Resp: 757

Ion Ratio Lower Upper

228 100

226 42.3 25.2 37.8#

229 32.0 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.024 ng/ul

RT: 23.195 min Scan# 4743

Delta R.T. -0.000 min

Lab File: BN026531.D

Acq: 17 Jul 2023 11:34

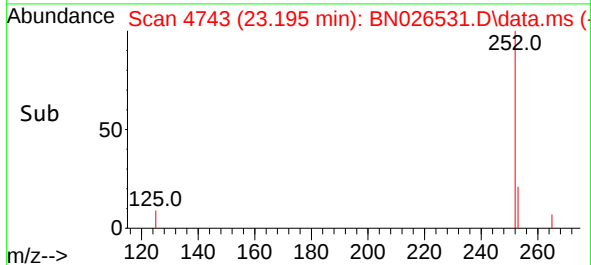
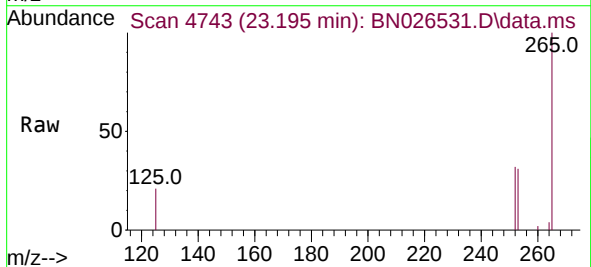
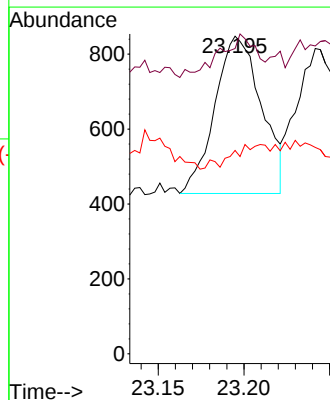
Tgt Ion:252 Resp: 795

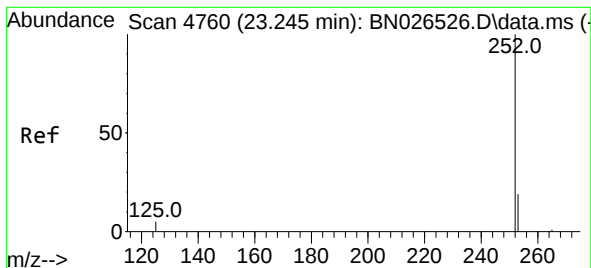
Ion Ratio Lower Upper

252 100

253 96.1 0.0 68.6#

125 64.0 0.0 34.0#





#25

Benzo(k)fluoranthene

Concen: 0.022 ng/ul

RT: 23.242 min Scan# 4759

Delta R.T. -0.003 min

Lab File: BN026531.D

Acq: 17 Jul 2023 11:34

Instrument :

BNA_N

ClientSampleId :

C0C53

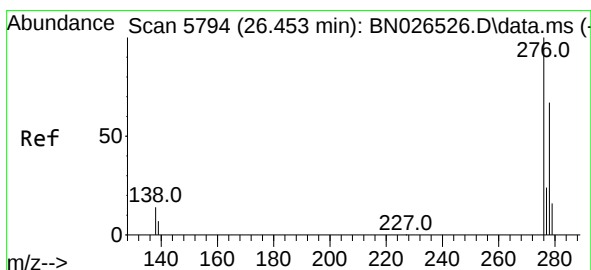
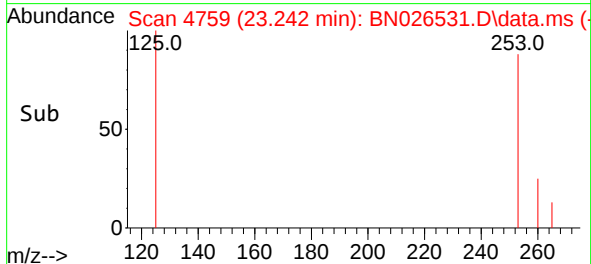
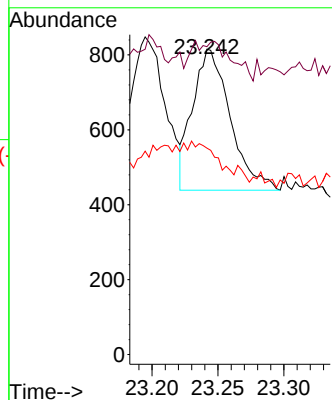
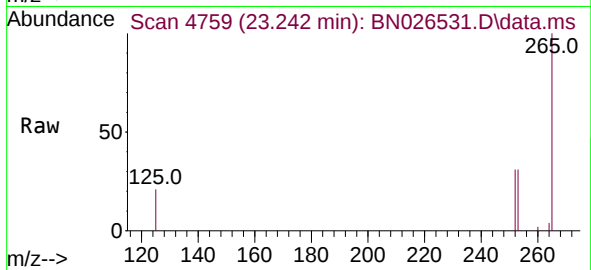
Tgt Ion:252 Resp: 746

Ion Ratio Lower Upper

252 100

253 100.9 27.2 40.8#

125 67.6 13.4 20.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng/ul

RT: 26.470 min Scan# 5799

Delta R.T. 0.017 min

Lab File: BN026531.D

Acq: 17 Jul 2023 11:34

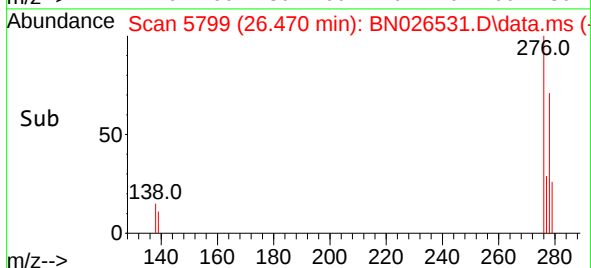
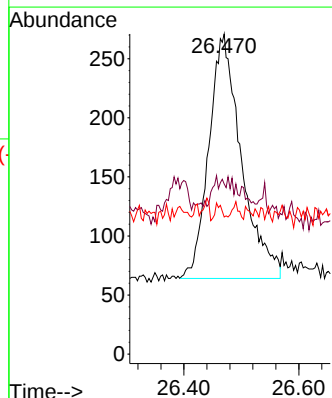
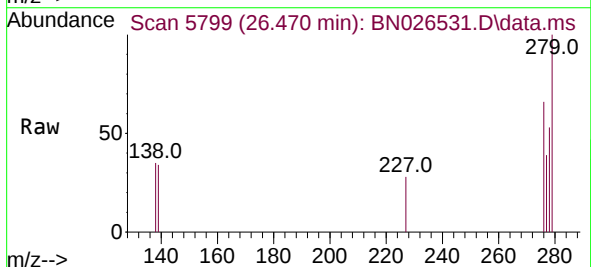
Tgt Ion:276 Resp: 814

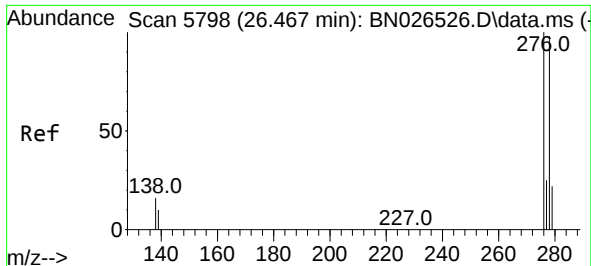
Ion Ratio Lower Upper

276 100

138 12.0 22.2 33.4#

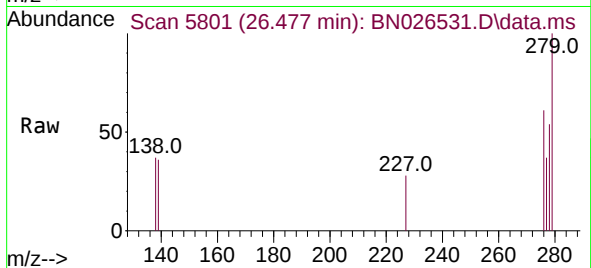
227 1.1 0.1 0.1#



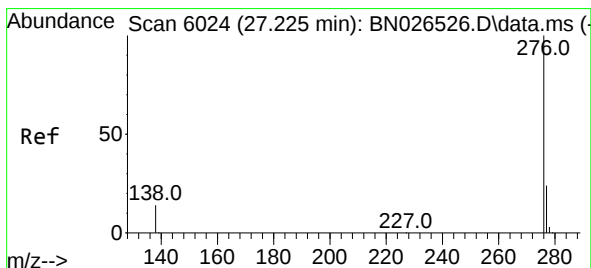
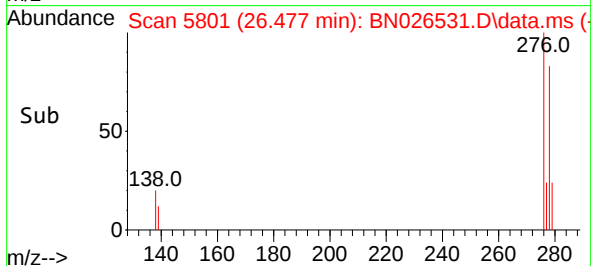
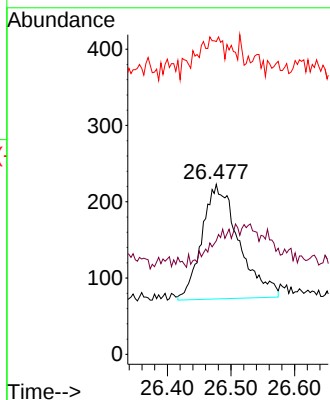


#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 26.477 min Scan# 5801
Delta R.T. 0.010 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Instrument :
BNA_N
ClientSampleId :
C0C53



Tgt Ion:278 Resp: 608
Ion Ratio Lower Upper
278 100
139 66.8 18.9 28.3#
279 183.9 31.3 46.9#



#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 27.235 min Scan# 6027
Delta R.T. 0.010 min
Lab File: BN026531.D
Acq: 17 Jul 2023 11:34

Tgt Ion:276 Resp: 748
Ion Ratio Lower Upper
276 100
138 58.1 22.6 34.0#
277 62.4 21.8 32.8#

