

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026405.D
 Acq On : 09 Jul 2023 03:14
 Operator : MA/JU
 Sample : 03349-07MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW01MS

Quant Time: Jul 09 04:01:55 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 08 09:20:18 2023
 Response via : Initial Calibration

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

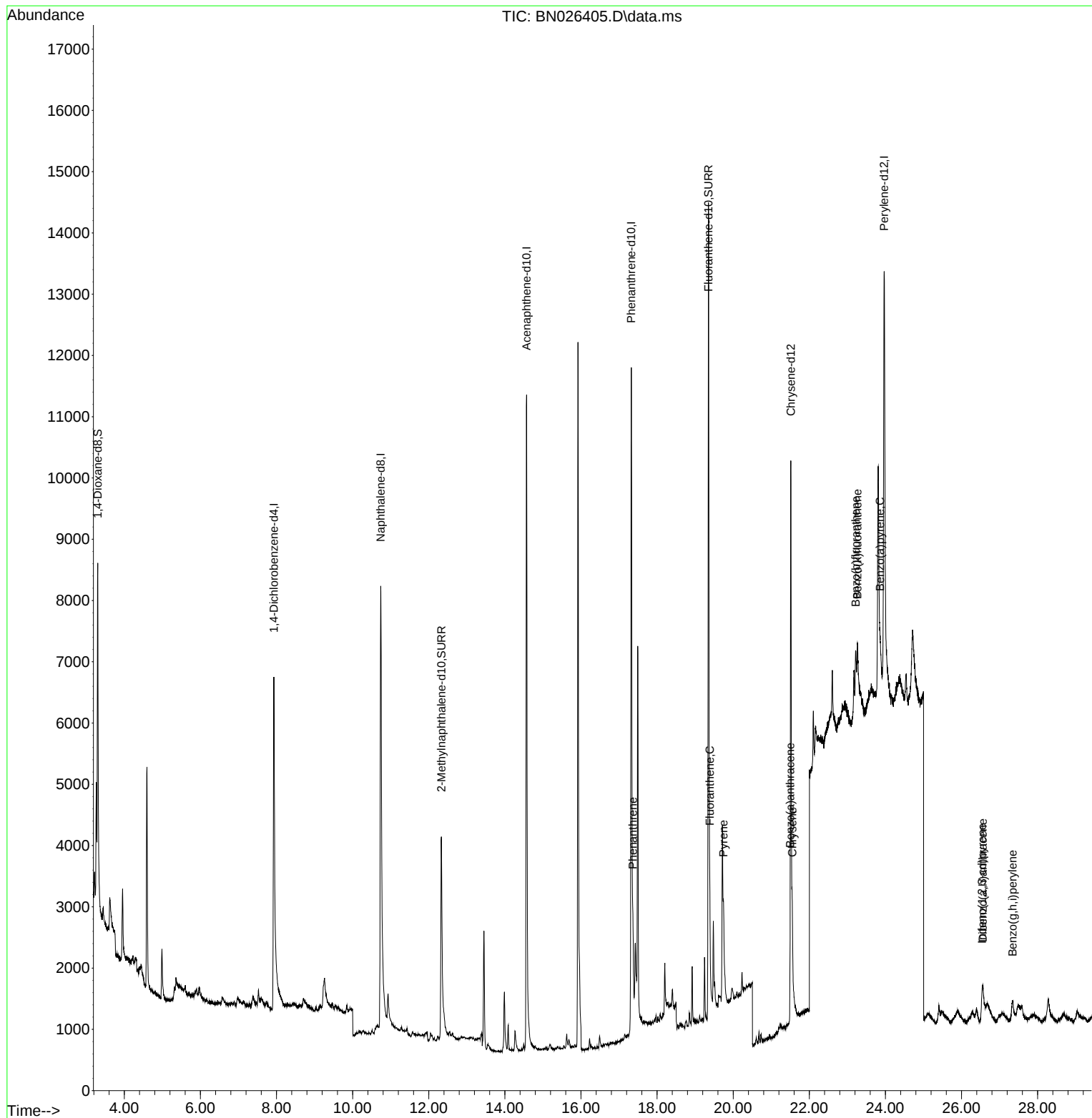
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	16808	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.570	164	7360	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	16551	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	10755	0.400	ng/ul	-0.01
23) Perylene-d12	23.964	264	10365	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	4157	0.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	6769	0.262	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	17358	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.364	178	1311	0.024	ng/ul#	69
19) Fluoranthene	19.382	202	1327	0.023	ng/ul#	56
20) Pyrene	19.744	202	1432	0.024	ng/ul#	61
21) Benzo(a)anthracene	21.497	228	1207	0.027	ng/ul#	81
22) Chrysene	21.552	228	1323	0.029	ng/ul#	82
24) Benzo(b)fluoranthene	23.218	252	1394	0.032	ng/ul#	1
25) Benzo(k)fluoranthene	23.262	252	1300	0.029	ng/ul#	1
26) Benzo(a)pyrene	23.861	252	932	0.024	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.541	276	1241	0.030	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.557	278	901	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.342	276	918	0.025	ng/ul#	22

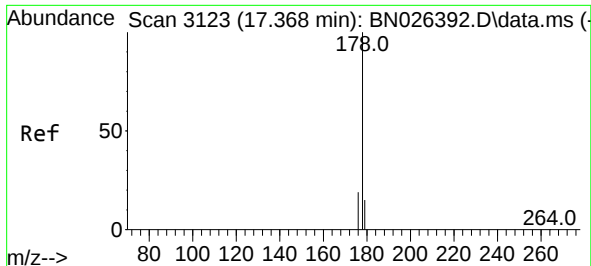
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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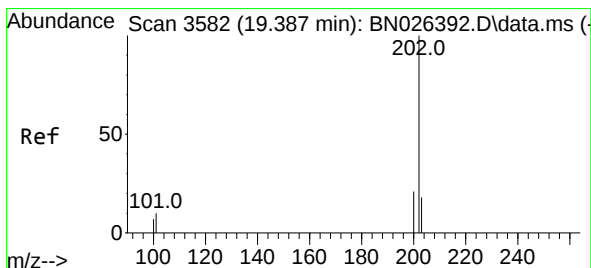
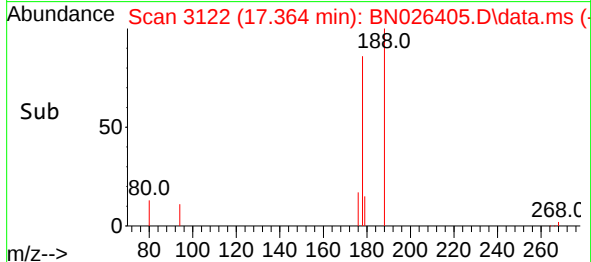
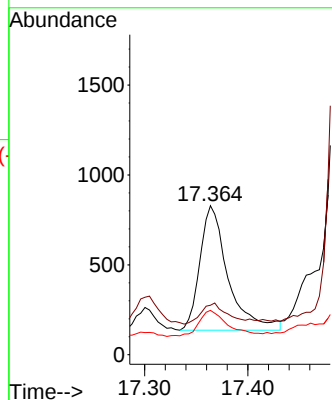
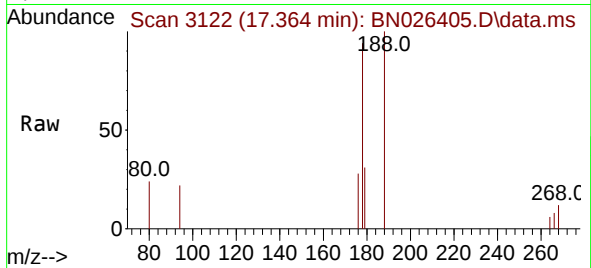




#15
Phenanthrene
Concen: 0.024 ng/ul
RT: 17.364 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BN026405.D
Acq: 09 Jul 2023 03:14

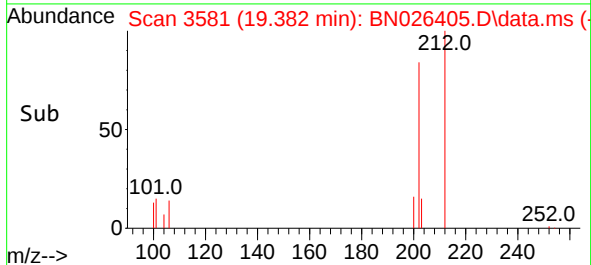
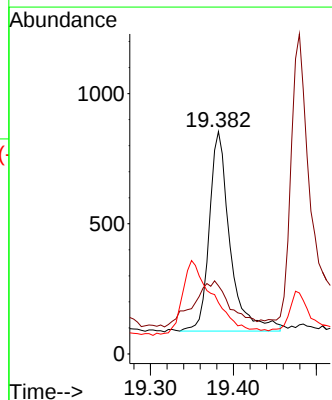
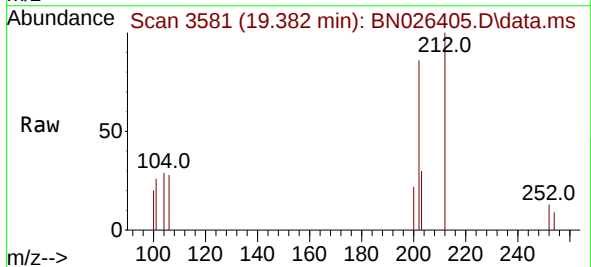
Instrument :
BNA_N
ClientSampleId :
YBW01MS

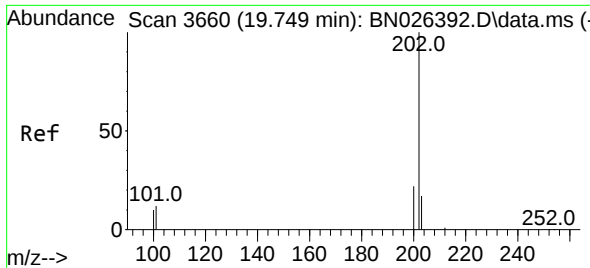
Tgt Ion:178 Resp: 1311
Ion Ratio Lower Upper
178 100
179 33.2 12.6 19.0#
176 29.8 15.8 23.6#



#19
Fluoranthene
Concen: 0.023 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BN026405.D
Acq: 09 Jul 2023 03:14

Tgt Ion:202 Resp: 1327
Ion Ratio Lower Upper
202 100
101 30.7 9.5 14.3#
100 23.1 7.3 10.9#

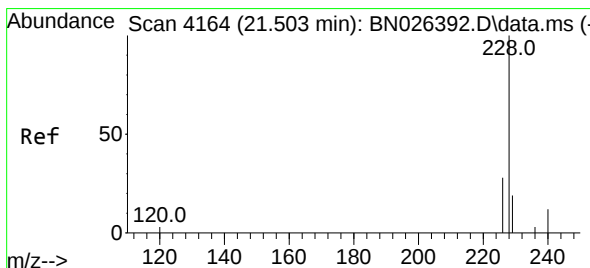
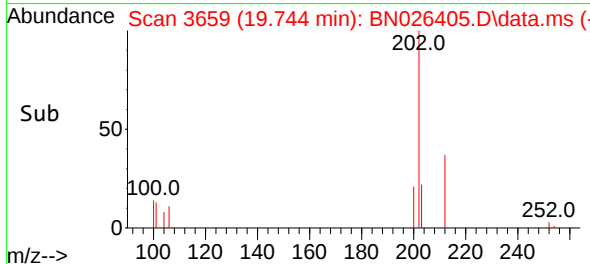
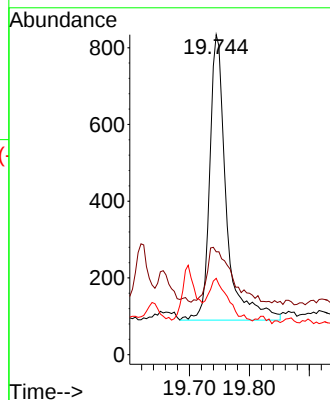
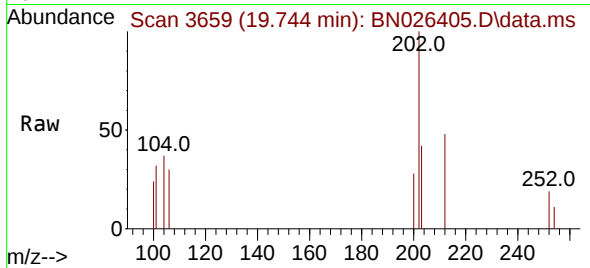




#20
 Pyrene
 Concen: 0.024 ng/ul
 RT: 19.744 min Scan# 3659
 Delta R.T. -0.008 min
 Lab File: BN026405.D
 Acq: 09 Jul 2023 03:14

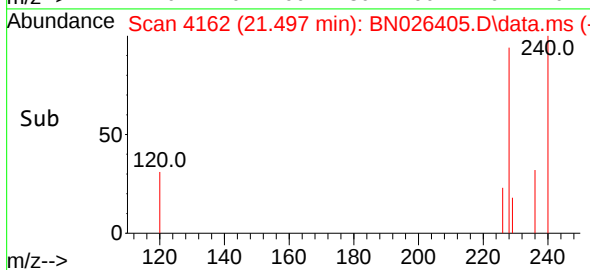
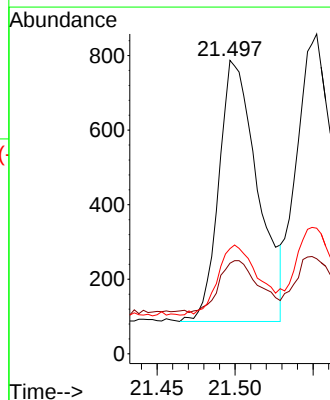
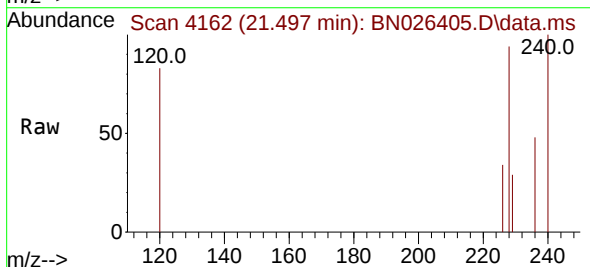
Instrument :
 BNA_N
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 YBW01MS

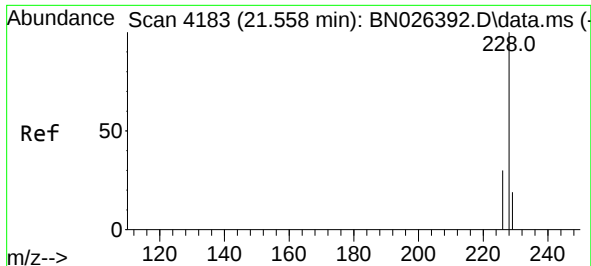
Tgt Ion:202 Resp: 1432
 Ion Ratio Lower Upper
 202 100
 101 32.1 11.4 17.0#
 100 23.9 9.1 13.7#



#21
 Benzo(a)anthracene
 Concen: 0.027 ng/ul
 RT: 21.497 min Scan# 4162
 Delta R.T. -0.014 min
 Lab File: BN026405.D
 Acq: 09 Jul 2023 03:14

Tgt Ion:228 Resp: 1207
 Ion Ratio Lower Upper
 228 100
 229 30.9 15.8 23.6#
 226 35.8 22.5 33.7#





#22

Chrysene

Concen: 0.029 ng/ul

RT: 21.552 min Scan# 4183

Delta R.T. -0.011 min

Lab File: BN026405.D

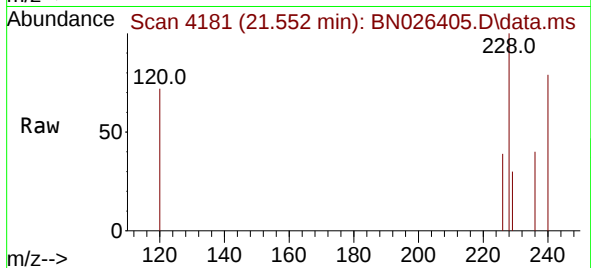
Acq: 09 Jul 2023 03:14

Instrument :

BNA_N

ClientSampleId :

YBW01MS



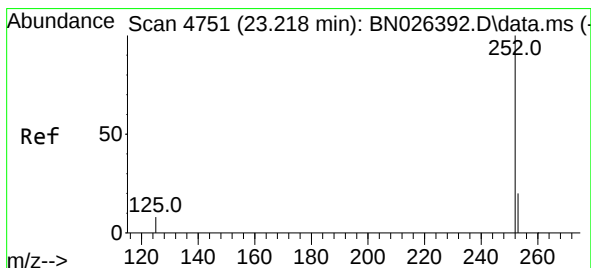
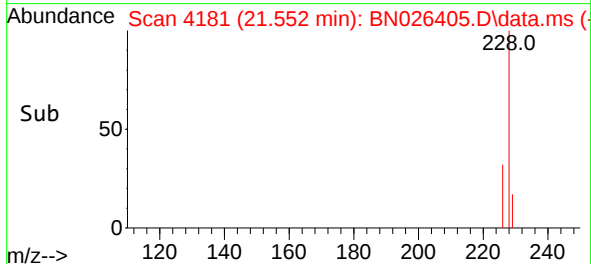
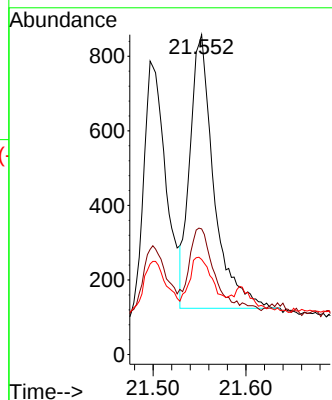
Tgt Ion:228 Resp: 1323

Ion Ratio Lower Upper

228 100

226 39.3 24.8 37.2#

229 29.7 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.032 ng/ul

RT: 23.218 min Scan# 4751

Delta R.T. -0.008 min

Lab File: BN026405.D

Acq: 09 Jul 2023 03:14

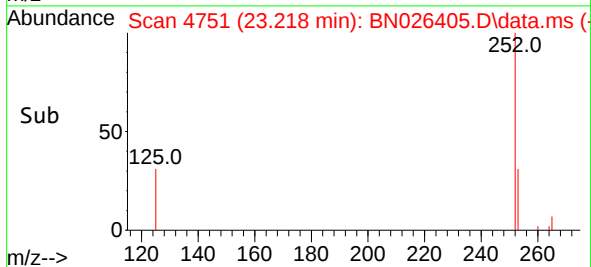
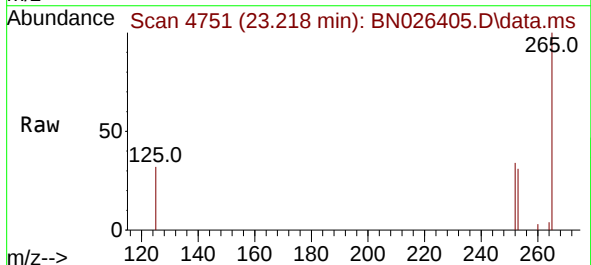
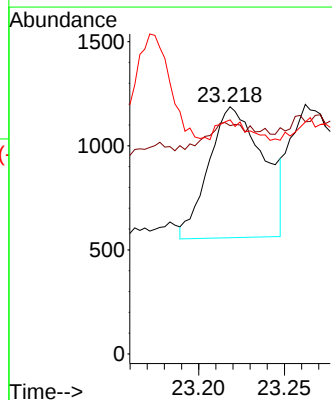
Tgt Ion:252 Resp: 1394

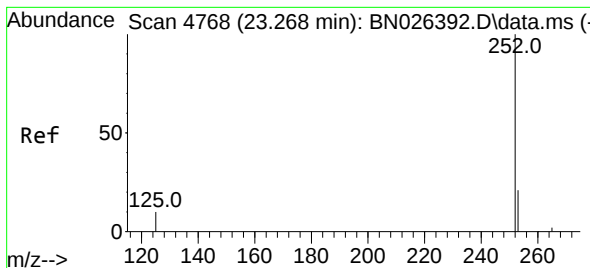
Ion Ratio Lower Upper

252 100

253 92.4 0.0 55.6#

125 94.7 0.0 35.8#





#25

Benzo(k)fluoranthene

Concen: 0.029 ng/ul

RT: 23.262 min Scan# 41

Delta R.T. -0.011 min

Lab File: BN026405.D

Acq: 09 Jul 2023 03:14

Instrument :

BNA_N

ClientSampleId :

YBW01MS

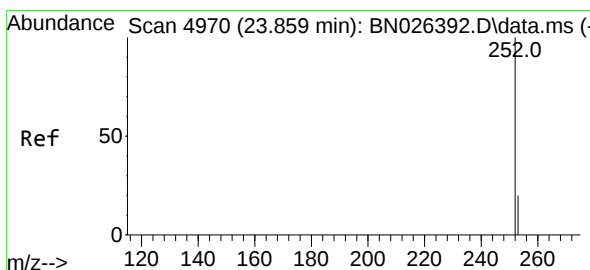
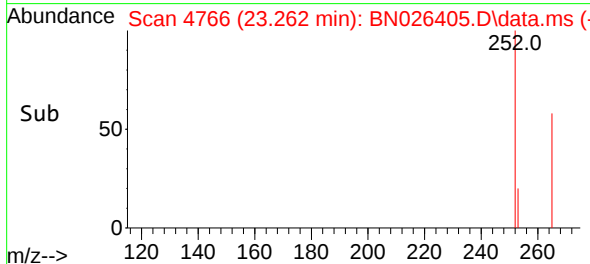
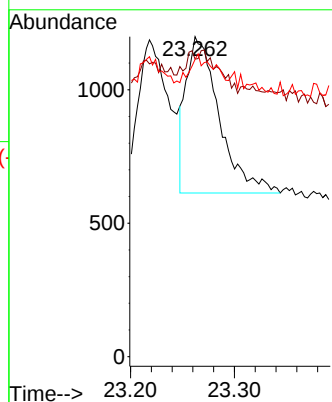
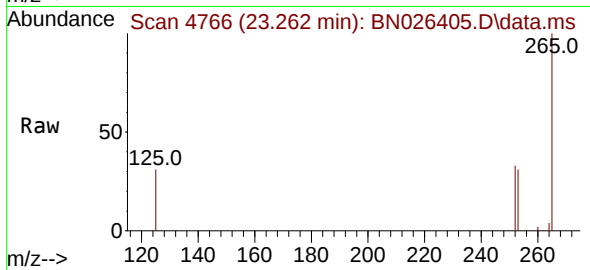
Tgt Ion:252 Resp: 1300

Ion Ratio Lower Upper

252 100

253 93.0 23.2 34.8#

125 92.9 15.0 22.4#



#26

Benzo(a)pyrene

Concen: 0.024 ng/ul

RT: 23.861 min Scan# 4971

Delta R.T. -0.005 min

Lab File: BN026405.D

Acq: 09 Jul 2023 03:14

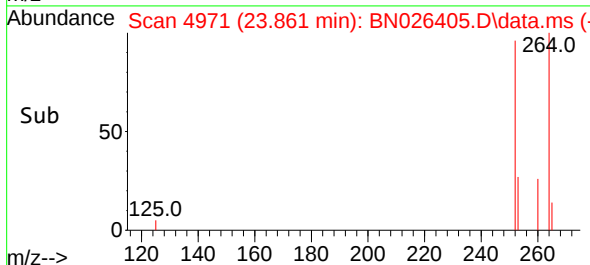
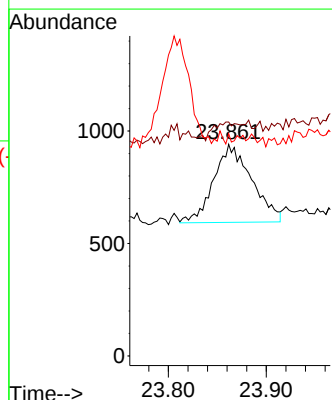
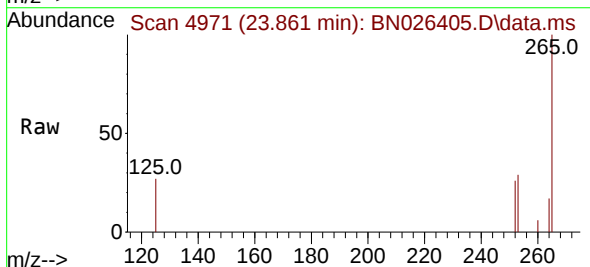
Tgt Ion:252 Resp: 932

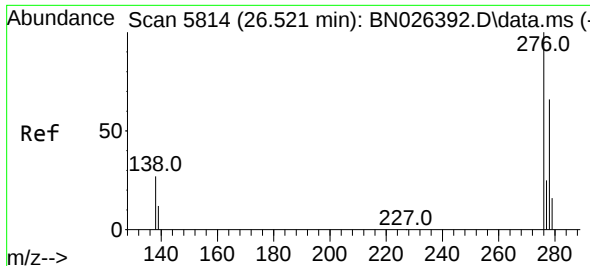
Ion Ratio Lower Upper

252 100

253 110.5 26.0 39.0#

125 105.0 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.030 ng/ul

RT: 26.541 min Scan# 5820

Delta R.T. 0.014 min

Lab File: BN026405.D

Acq: 09 Jul 2023 03:14

Instrument :

BNA_N

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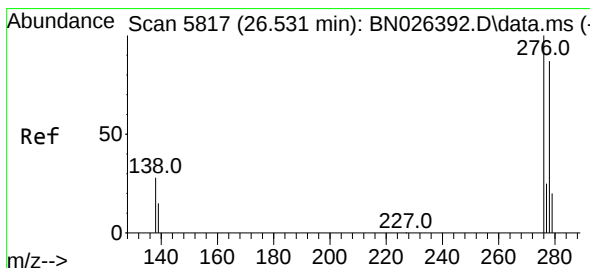
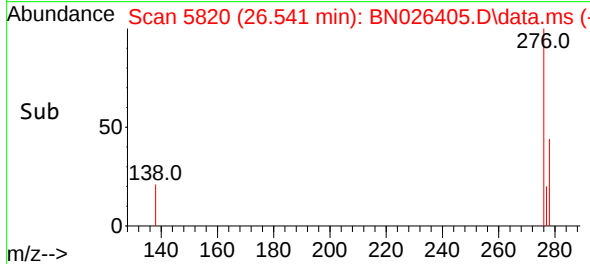
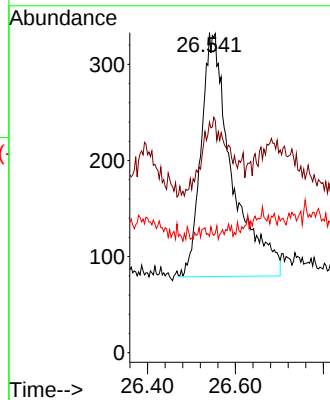
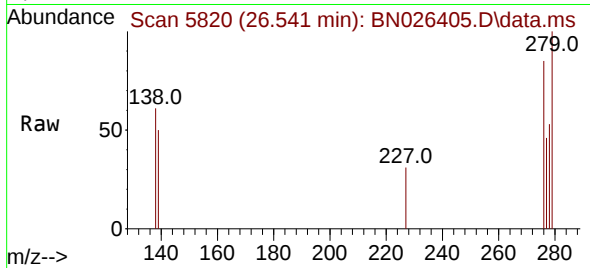
Tgt Ion:276 Resp: 1241

Ion Ratio Lower Upper

276 100

138 0.0 24.5 36.7#

227 0.2 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul

RT: 26.557 min Scan# 5825

Delta R.T. 0.018 min

Lab File: BN026405.D

Acq: 09 Jul 2023 03:14

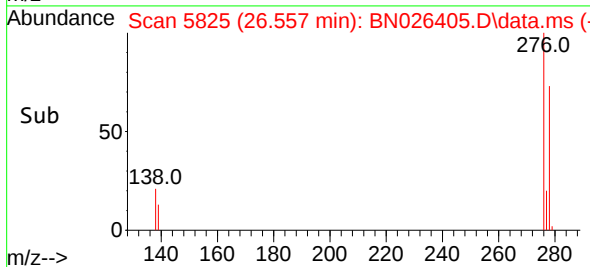
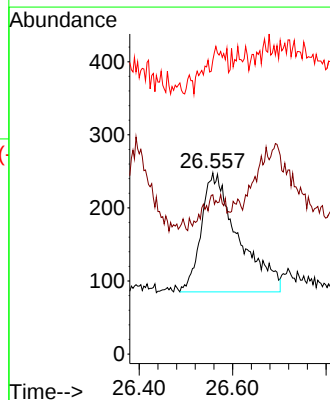
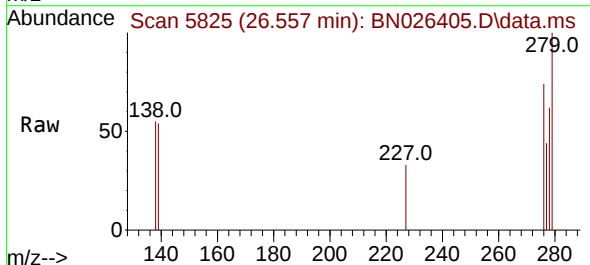
Tgt Ion:278 Resp: 901

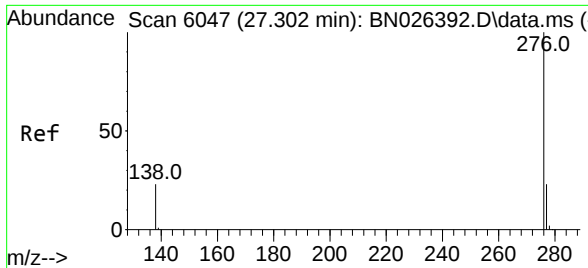
Ion Ratio Lower Upper

278 100

139 87.9 19.0 28.4#

279 162.1 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 27.342 min Scan# 6059
Delta R.T. 0.028 min
Lab File: BN026405.D
Acq: 09 Jul 2023 03:14

Instrument :
BNA_N
ClientSampleId :
YBW01MS

Tgt Ion:	276	Resp:	918
Ion	Ratio	Lower	Upper
276	100		
138	76.4	23.4	35.0#
277	58.6	20.0	30.0#

