

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026519.D
 Acq On : 15 Jul 2023 19:21
 Operator : MA/JU
 Sample : 03414-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46E5

Quant Time: Jul 16 00:55:35 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 : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

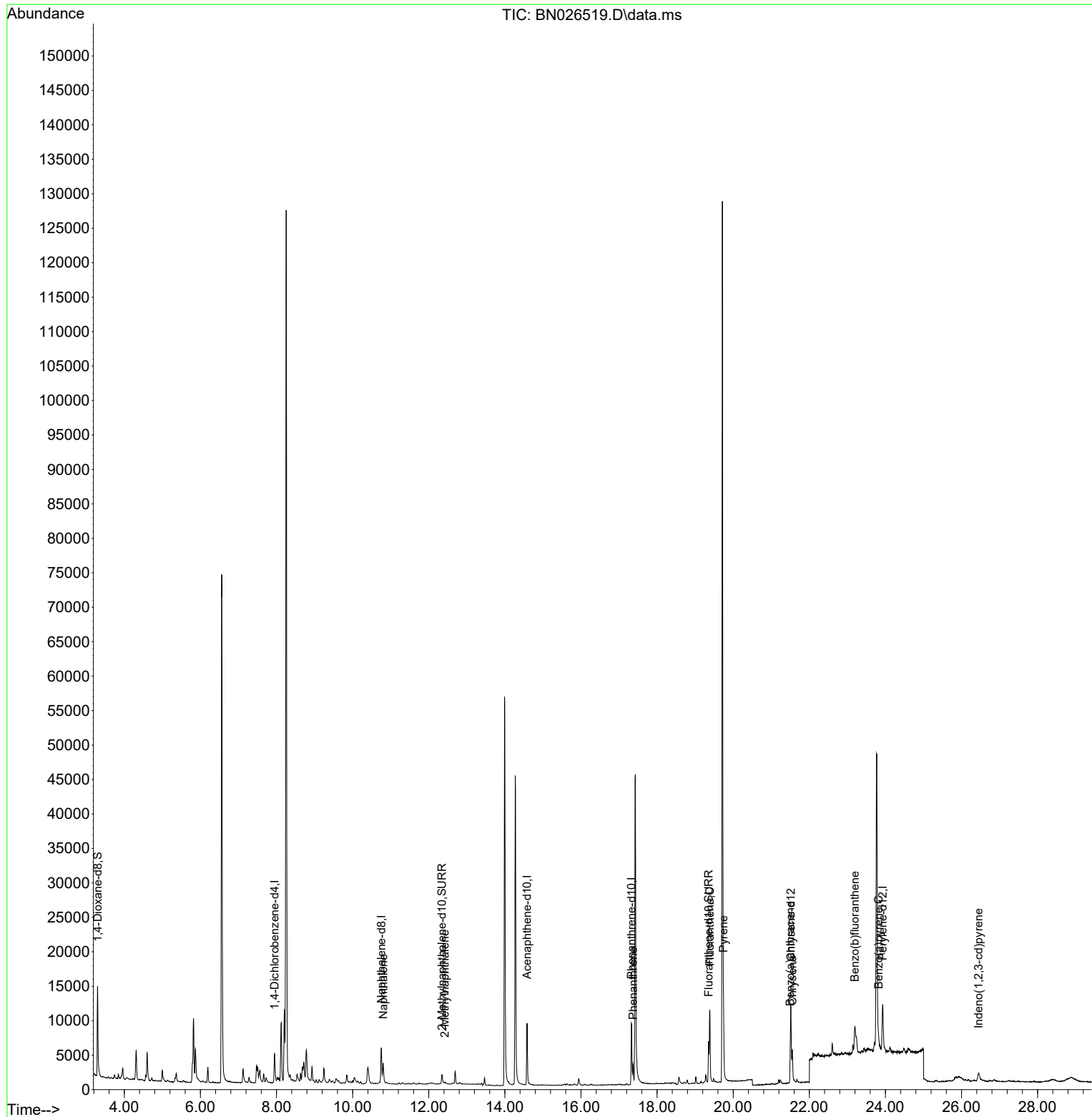
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	2785	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.754	136	8524	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.584	164	5578	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	12247	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	10750	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	10086	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	8919	2.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	2461	0.212	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	7399	0.199	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.803	128	4644	0.198	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	276	0.021	ng/ul	96
15) Phenanthrene	17.368	178	3183	0.082	ng/ul	94
19) Fluoranthene	19.387	202	10514	0.209	ng/ul	98
20) Pyrene	19.745	202	8827	0.161	ng/ul#	97
21) Benzo(a)anthracene	21.497	228	4477	0.113	ng/ul	95
22) Chrysene	21.552	228	4849	0.108	ng/ul#	94
24) Benzo(b)fluoranthene	23.195	252	9362	0.238	ng/ul#	71
26) Benzo(a)pyrene	23.818	252	2008	0.057	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.450	276	2651	0.058	ng/ul#	86

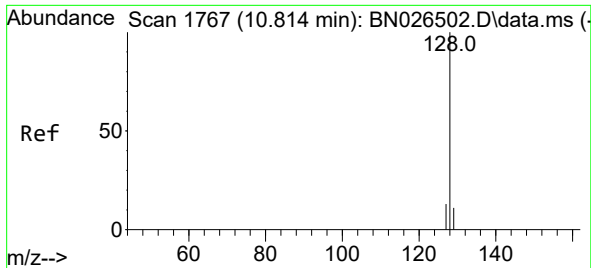
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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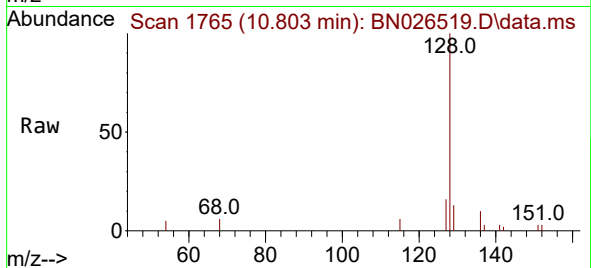
Quant Time: Jul 16 00:55:35 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration



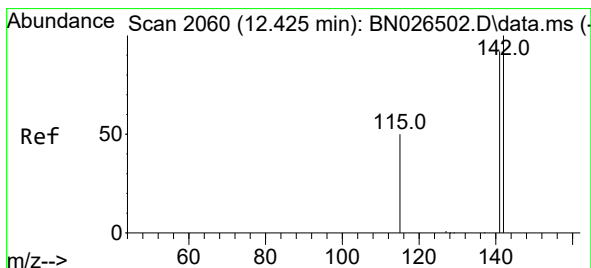
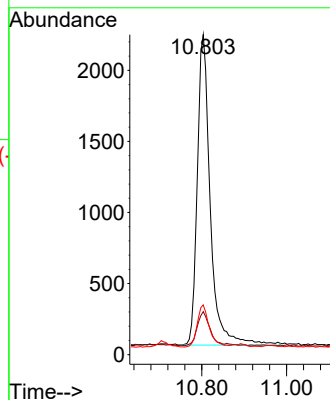
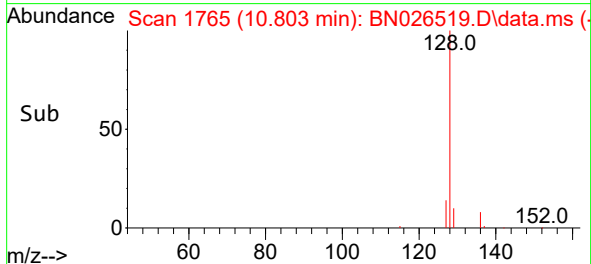


#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
A46E5

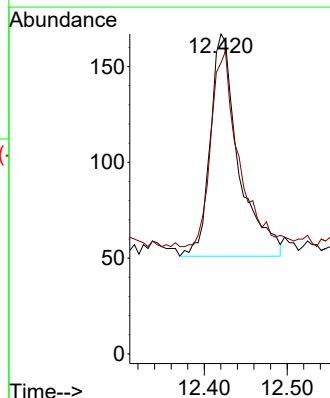
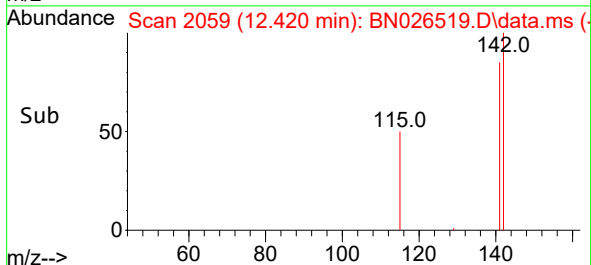
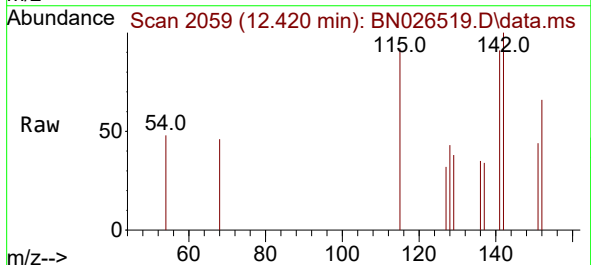


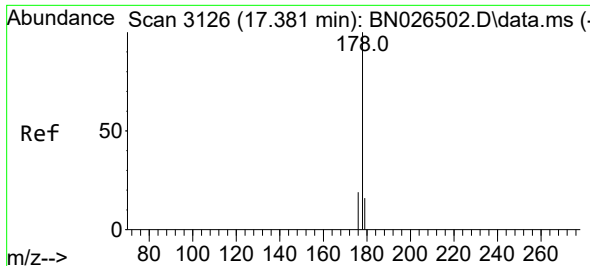
Tgt Ion:128 Resp: 4644
Ion Ratio Lower Upper
128 100
129 13.4 10.2 15.2
127 15.5 11.4 17.0



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
141 86.2 72.3 108.5

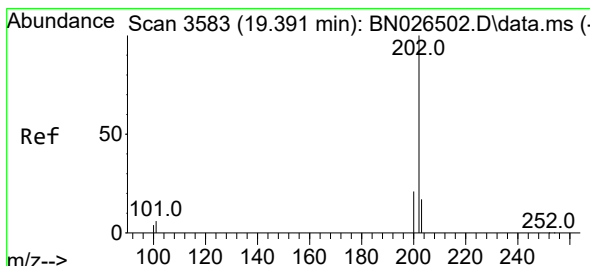
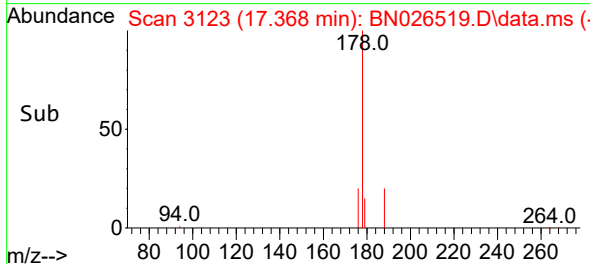
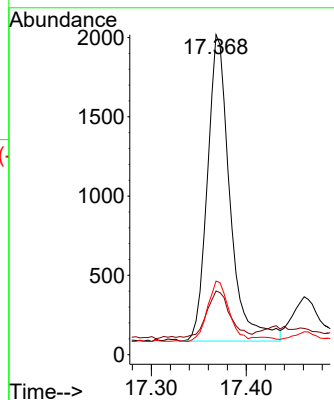
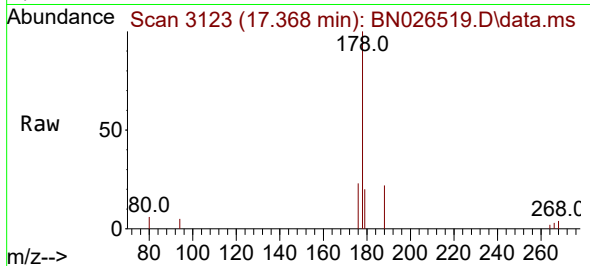




#15
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.368 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

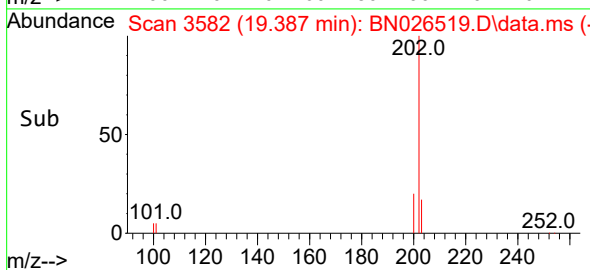
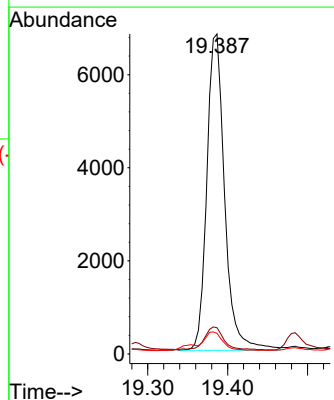
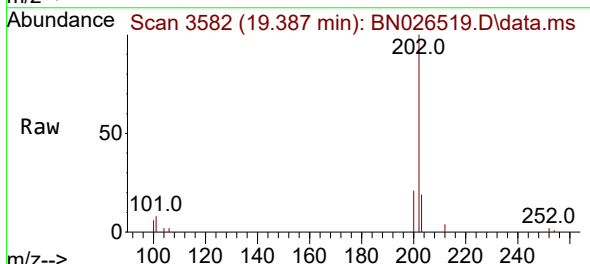
Instrument :
BNA_N
ClientSampleId :
A46E5

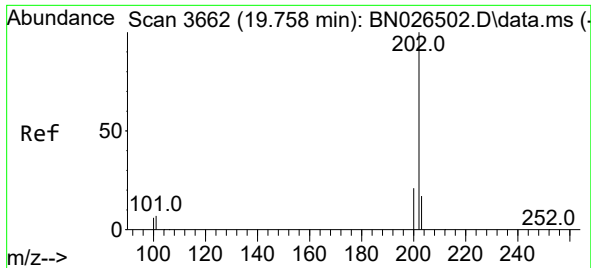
Tgt Ion:	178	Resp:	3183
Ion Ratio	Lower	Upper	
178	100		
179	19.9	13.7	20.5
176	23.0	16.5	24.7



#19
Fluoranthene
Concen: 0.209 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

Tgt Ion:	202	Resp:	10514
Ion Ratio	Lower	Upper	
202	100		
101	8.2	7.0	10.4
100	6.4	6.0	9.0

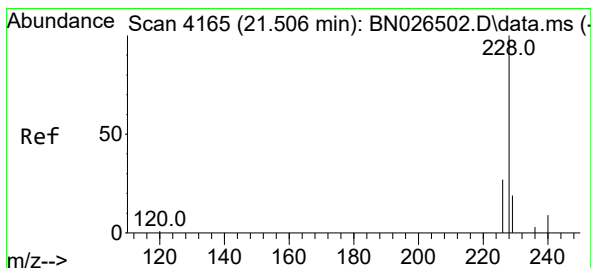
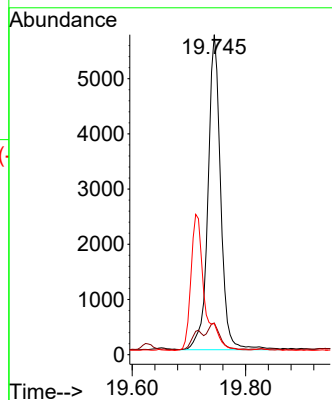
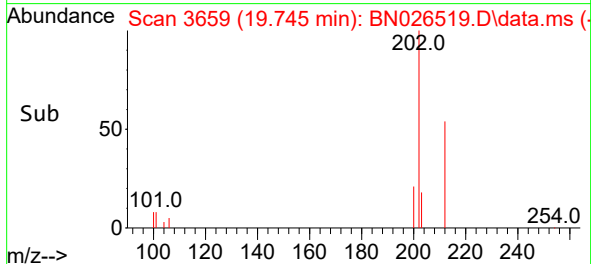
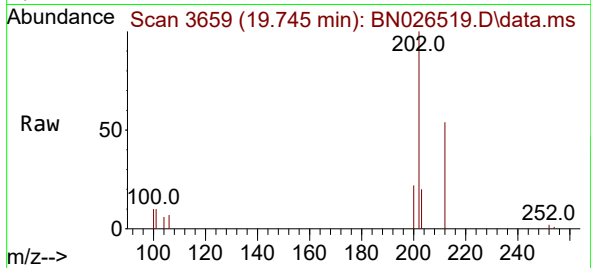




#20
Pyrene
Concen: 0.161 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.014 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

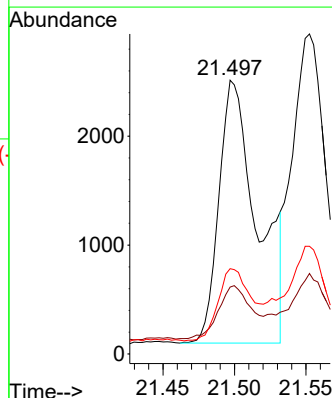
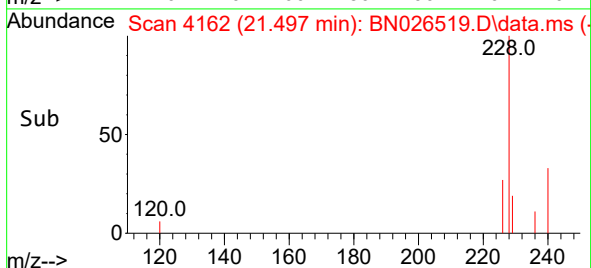
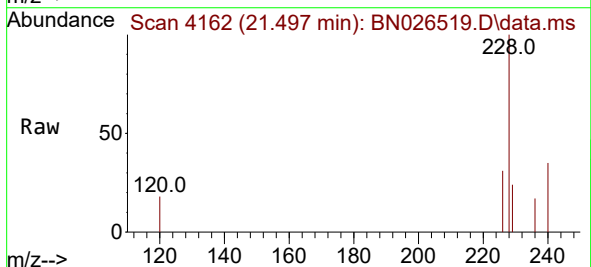
Instrument :
BNA_N
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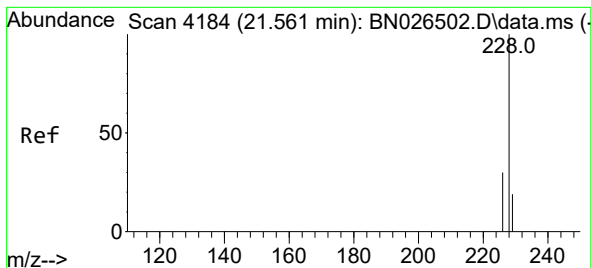
Tgt Ion:202 Resp: 8827
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 9.8 6.2 9.2#



#21
Benzo(a)anthracene
Concen: 0.113 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.009 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

Tgt Ion:228 Resp: 4477
Ion Ratio Lower Upper
228 100
229 24.4 16.7 25.1
226 31.1 23.5 35.3





#22

Chrysene

Concen: 0.108 ng/ul

RT: 21.552 min Scan# 4181

Delta R.T. -0.009 min

Lab File: BN026519.D

Acq: 15 Jul 2023 19:21

Instrument :

BNA_N

ClientSampleId :

A46E5

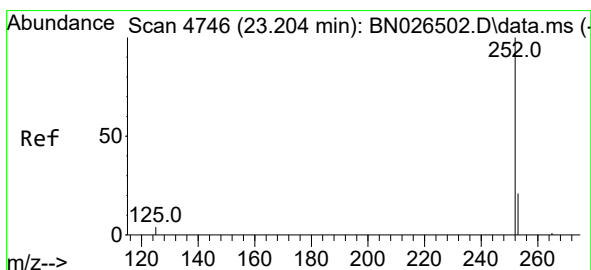
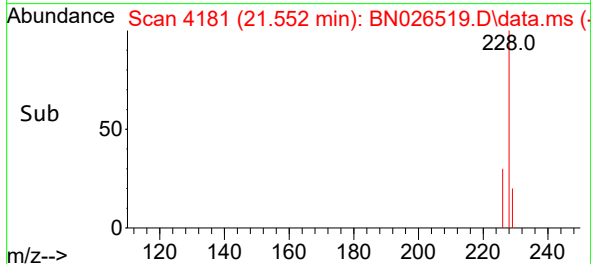
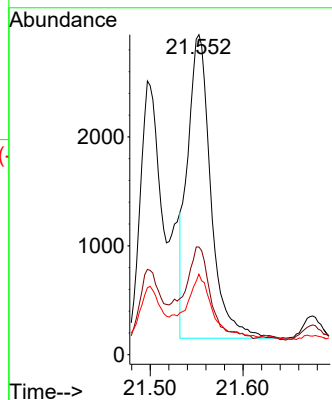
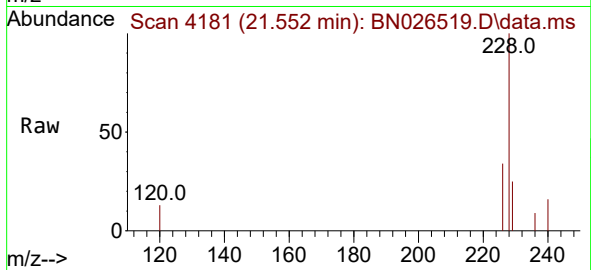
Tgt Ion:228 Resp: 4849

Ion Ratio Lower Upper

228 100

226 33.7 25.2 37.8

229 25.2 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.238 ng/ul

RT: 23.195 min Scan# 4743

Delta R.T. -0.009 min

Lab File: BN026519.D

Acq: 15 Jul 2023 19:21

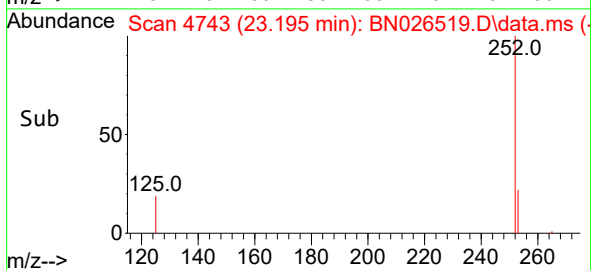
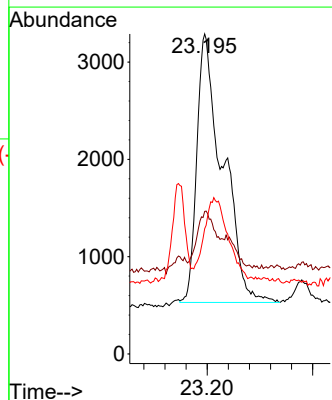
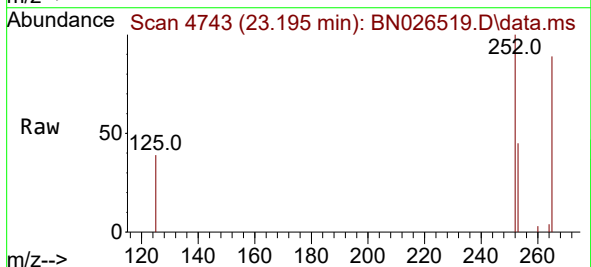
Tgt Ion:252 Resp: 9362

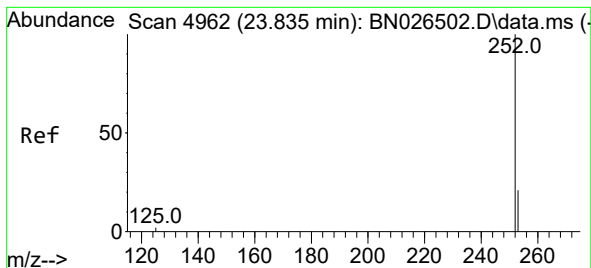
Ion Ratio Lower Upper

252 100

253 44.5 0.0 68.6

125 39.2 0.0 34.0#





#26

Benzo(a)pyrene

Concen: 0.057 ng/ul

RT: 23.818 min Scan# 4956

Delta R.T. -0.017 min

Lab File: BN026519.D

Acq: 15 Jul 2023 19:21

Instrument :

BNA_N

ClientSampleId :

A46E5

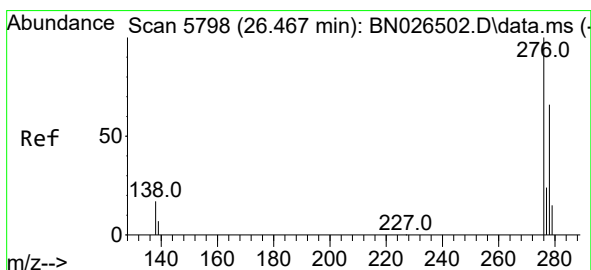
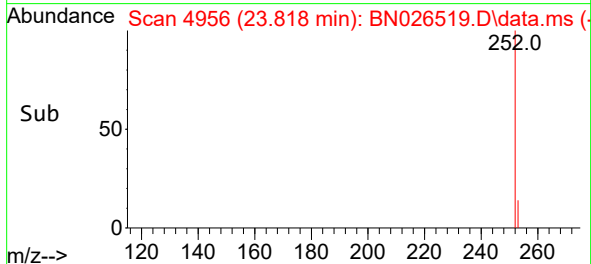
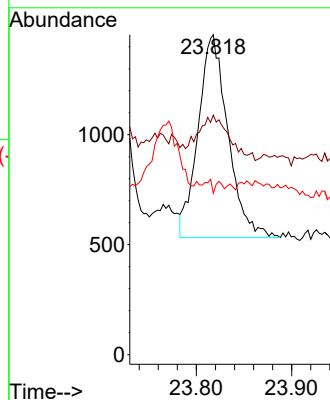
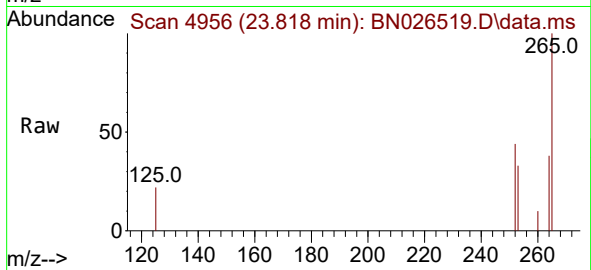
Tgt Ion:252 Resp: 2008

Ion Ratio Lower Upper

252 100

253 74.9 32.6 49.0#

125 50.4 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.058 ng/ul

RT: 26.450 min Scan# 5793

Delta R.T. -0.017 min

Lab File: BN026519.D

Acq: 15 Jul 2023 19:21

Tgt Ion:276 Resp: 2651

Ion Ratio Lower Upper

276 100

138 20.7 22.2 33.4#

227 0.2 0.1 0.1#

