

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026569.D
 Acq On : 18 Jul 2023 18:00
 Operator : MA/JU
 Sample : 03458-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 00:18:04 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 : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2310	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.737	136	7159	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.575	164	4543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	10380	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.529	240	10082	0.400	ng/ul	# 0.00
23) Perylene-d12	23.961	264	8044	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	1451	0.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	423	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	1343	0.038	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.787	128	2326	0.118	ng/ul#	90
15) Phenanthrene	17.372	178	1902	0.058	ng/ul#	88
19) Fluoranthene	19.391	202	2922	0.062	ng/ul#	92
20) Pyrene	19.749	202	2475m	0.048	ng/ul	
21) Benzo(a)anthracene	21.514	228	1075	0.029	ng/ul#	72
22) Chrysene	21.567	228	1087	0.026	ng/ul#	78
24) Benzo(b)fluoranthene	23.227	252	1467m	0.047	ng/ul	

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

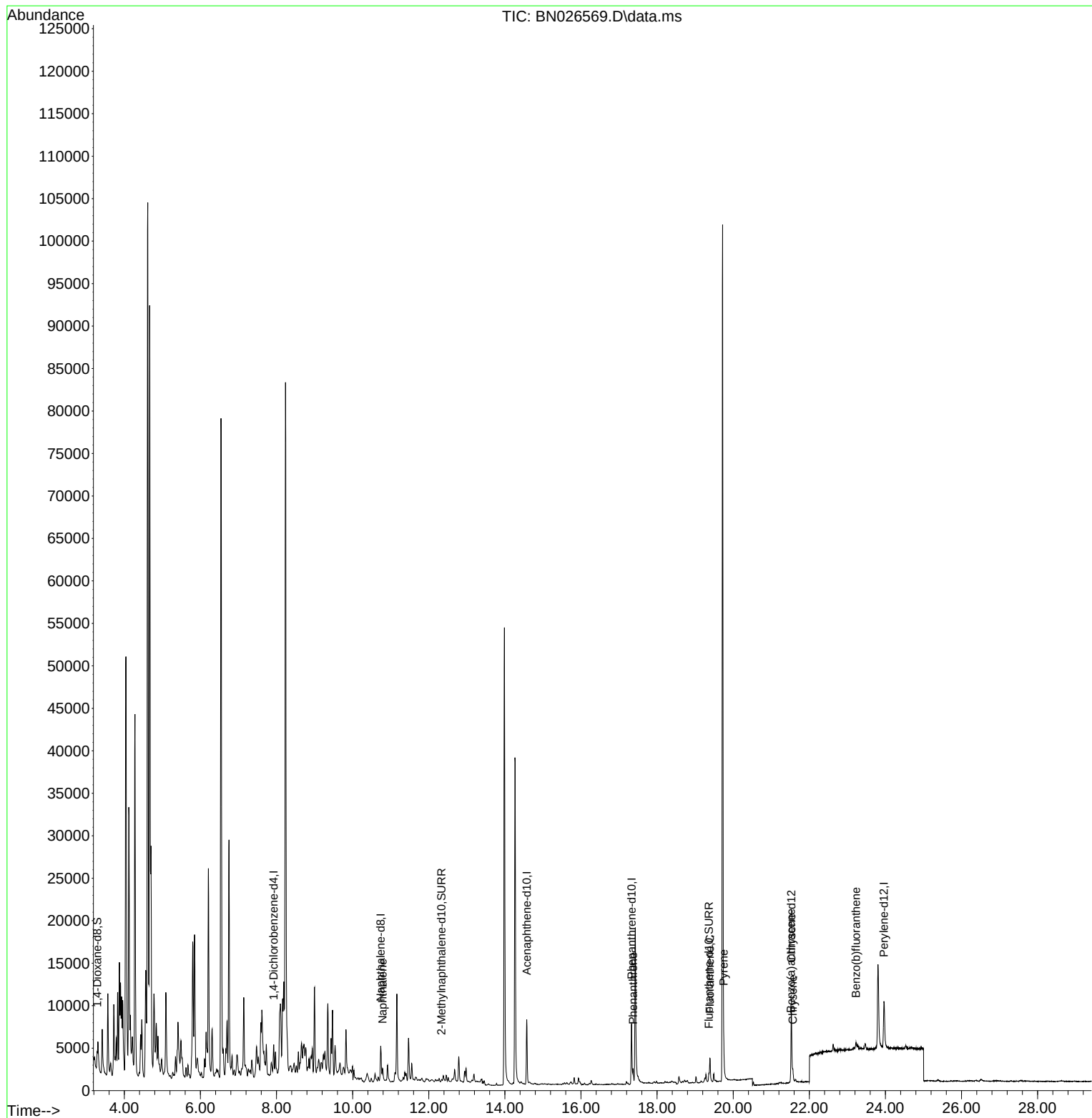
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026569.D
Acq On : 18 Jul 2023 18:00
Operator : MA/JU
Sample : 03458-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

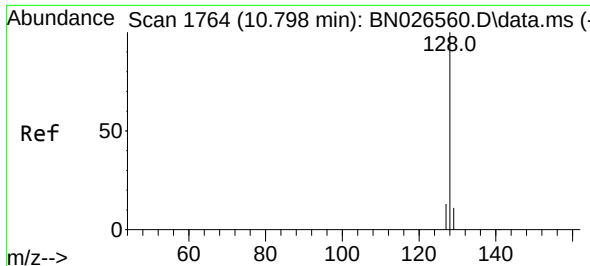
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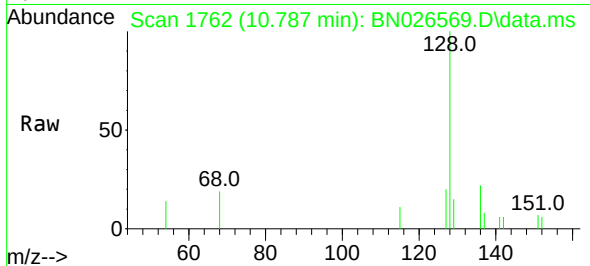
Quant Time: Jul 19 00:18:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.118 ng/uI
RT: 10.787 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

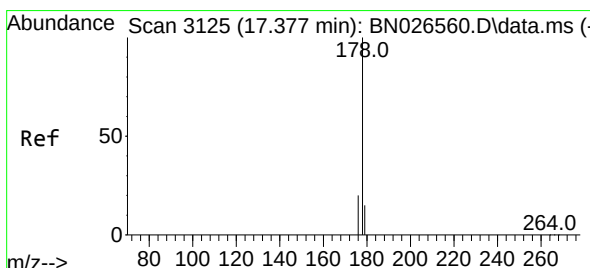
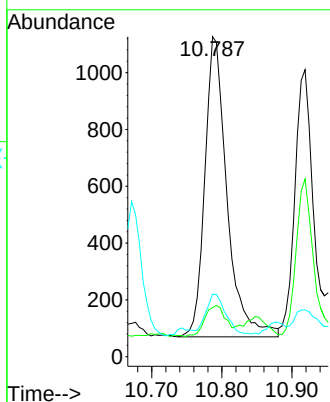
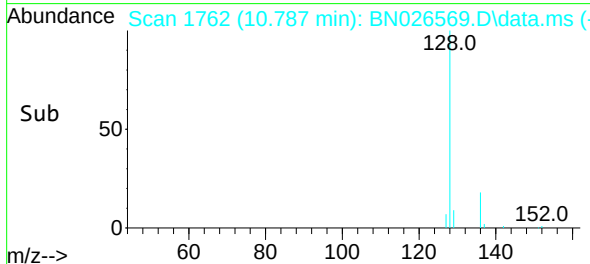
Instrument :
BNA_N
ClientSampleId :
A46M4



Tgt Ion:128 Resp: 2320
Ion Ratio Lower Upper
128 100
129 15.4 10.2 15.2#
127 19.5 11.4 17.0#

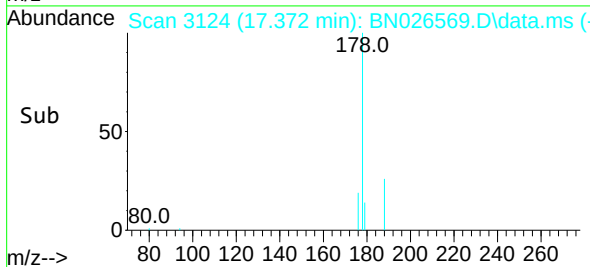
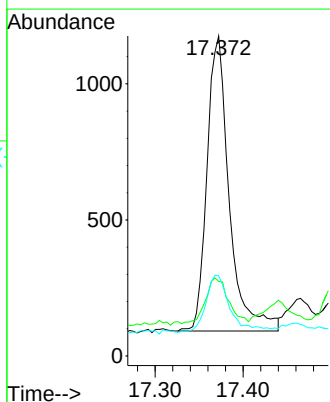
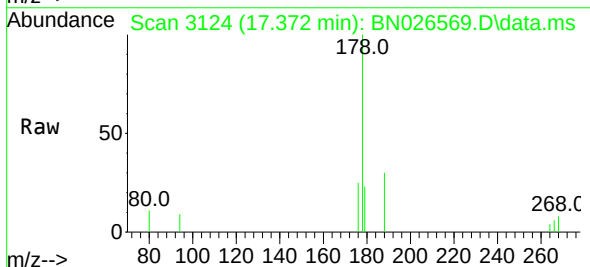
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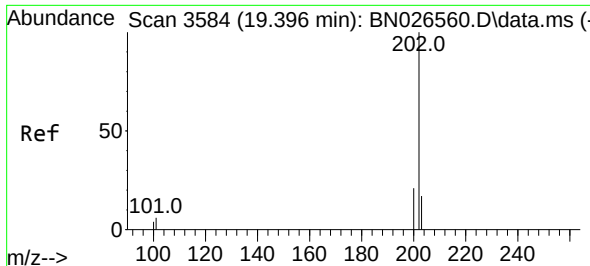
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#15
Phenanthrene
Concen: 0.058 ng/uI
RT: 17.372 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

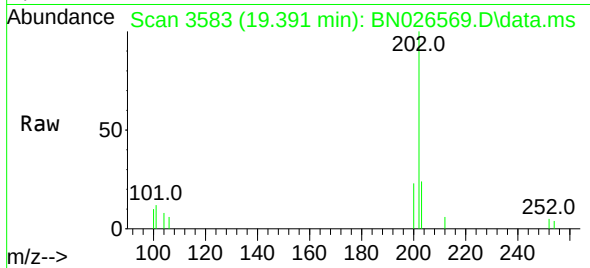
Tgt Ion:178 Resp: 1902
Ion Ratio Lower Upper
178 100
179 23.3 13.7 20.5#
176 25.1 16.5 24.7#





#19
Fluoranthene
Concen: 0.062 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

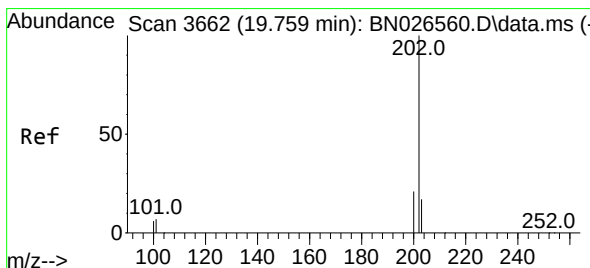
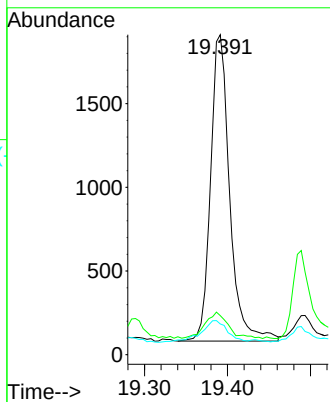
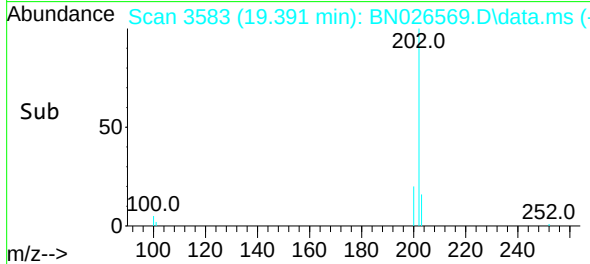
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Tgt Ion:202 Resp: 292
Ion Ratio Lower Upper
202 100
101 12.2 7.0 10.4#
100 9.6 6.0 9.0#

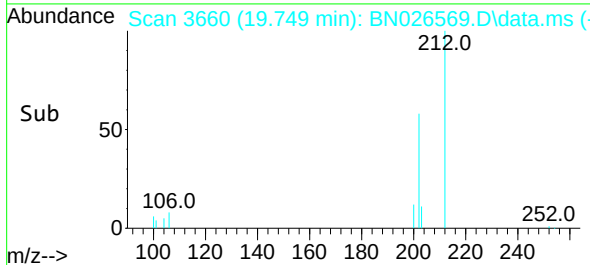
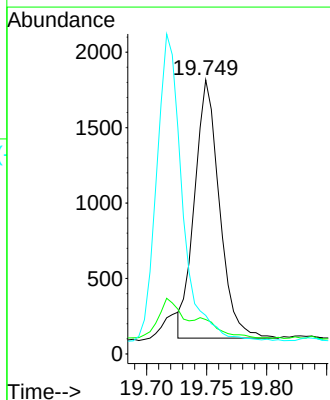
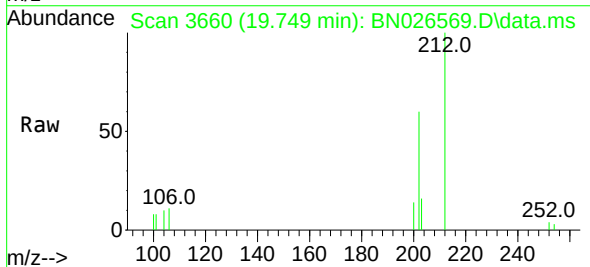
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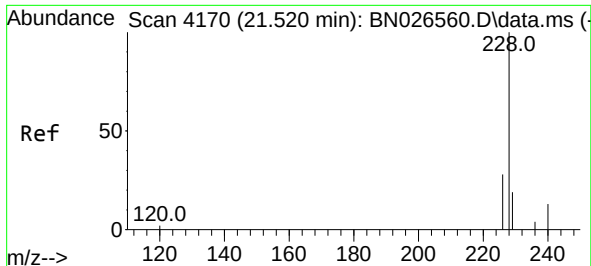
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 0.048 ng/ul m
RT: 19.749 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

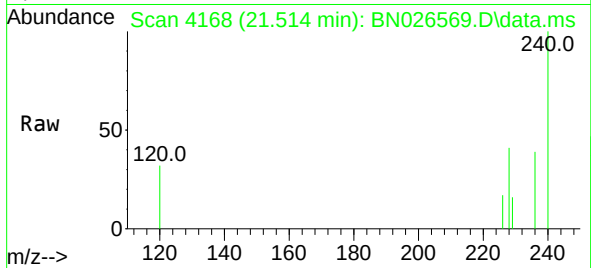
Tgt Ion:202 Resp: 2475
Ion Ratio Lower Upper
202 100
101 12.5 8.0 12.0#
100 14.0 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.029 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

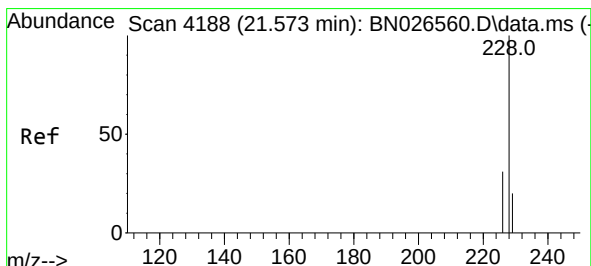
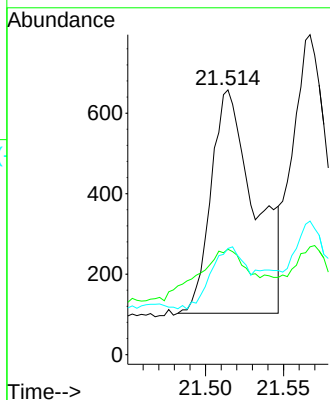
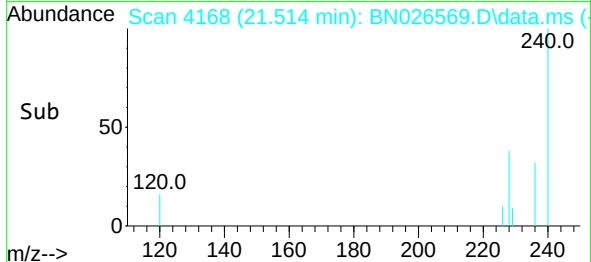
Instrument :
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Tgt Ion:228 Resp: 1079
Ion Ratio Lower Upper
228 100
229 39.8 16.7 25.1#
226 40.1 23.5 35.3#

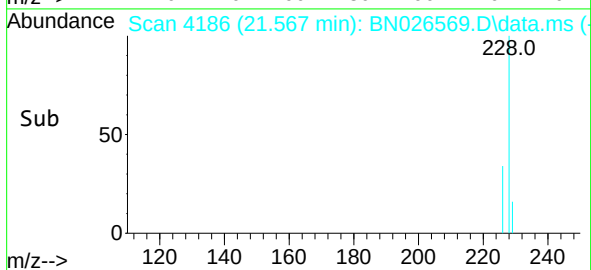
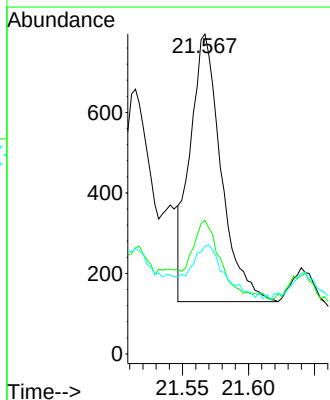
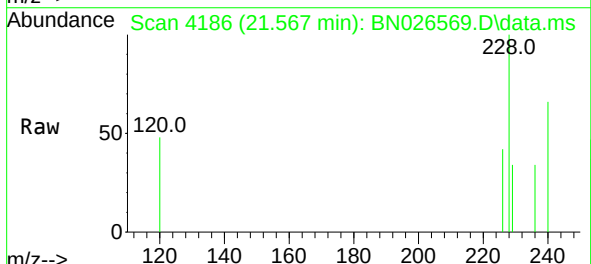
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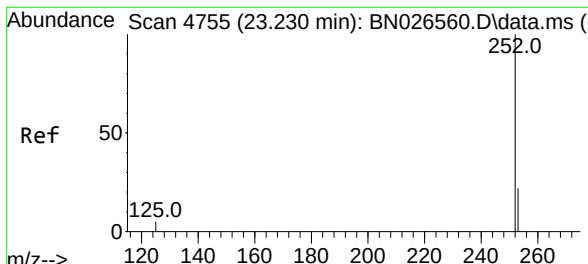
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#22
Chrysene
Concen: 0.026 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.006 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

Tgt Ion:228 Resp: 1087
Ion Ratio Lower Upper
228 100
226 41.8 25.2 37.8#
229 33.7 16.4 24.6#





#24

Benzo(b)fluoranthene

Concen: 0.047 ng/ul m

RT: 23.227 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN026569.D

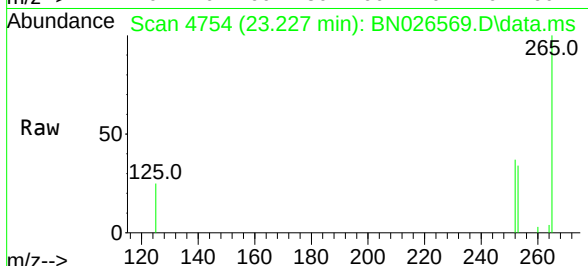
Acq: 18 Jul 2023 18:00

Instrument :

BNA_N

ClientSampleId :

A46M4



Tgt Ion:252 Resp: 146

Ion Ratio Lower Upper

252 100

253 91.0 0.0 68.6

125 67.5 0.0 34.0

Manual Integrations

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