

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026917.D
 Acq On : 16 Aug 2023 01:34
 Operator : MA/JU
 Sample : 03965-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 16 02:07:50 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 : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	20368	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	69803	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	41062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	89050	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	75379	0.400	ng/ul	0.00
23) Perylene-d12	24.202	264	73783	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	83352	3.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	26315	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.496	212	67805	0.285	ng/ul	0.00
Target Compounds						
						Qvalue
15) Phenanthrene	17.523	178	16695	0.057	ng/ul	98
19) Fluoranthene	19.529	202	42735	0.136	ng/ul	100
20) Pyrene	19.891	202	39140m	0.117	ng/ul	
21) Benzo(a)anthracene	21.632	228	18048	0.060	ng/ul	95
22) Chrysene	21.691	228	23282	0.079	ng/ul	96
24) Benzo(b)fluoranthene	23.407	252	30369m	0.109	ng/ul	
25) Benzo(k)fluoranthene	23.459	252	10712m	0.039	ng/ul	
26) Benzo(a)pyrene	24.088	252	18300	0.073	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.891	276	13402	0.041	ng/ul#	86
29) Benzo(g,h,i)perylene	27.729	276	13449	0.049	ng/ul#	87

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

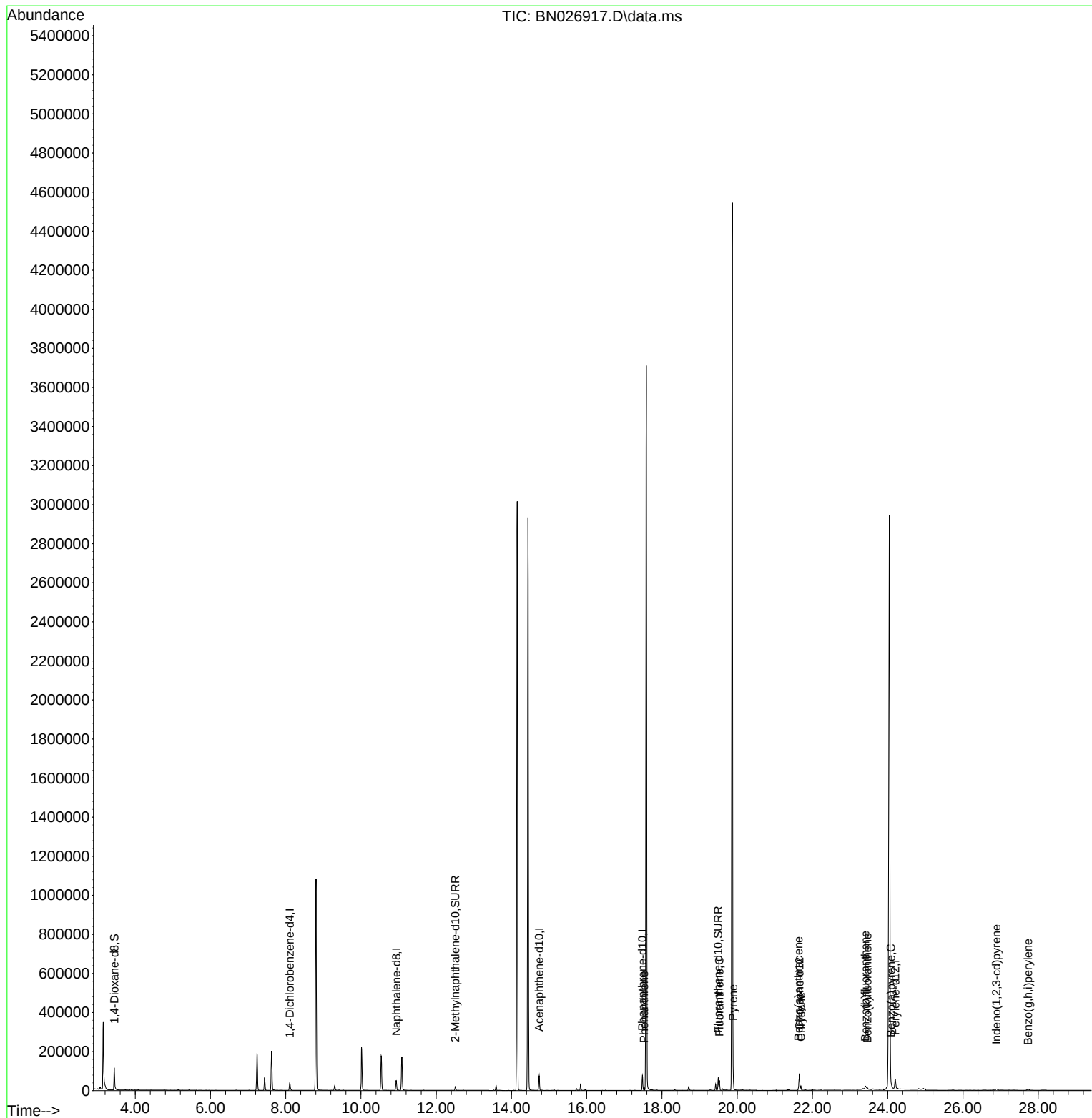
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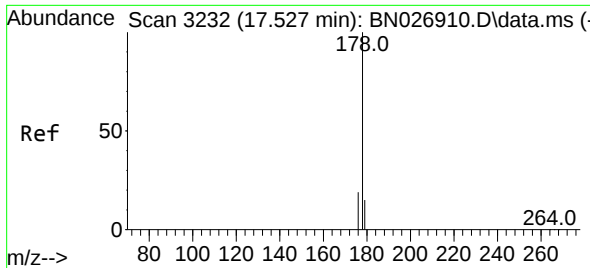
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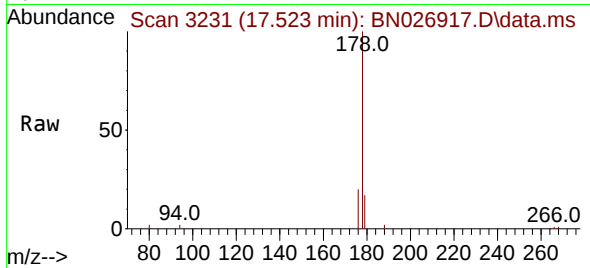
Quant Time: Aug 16 02:07:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.523 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34

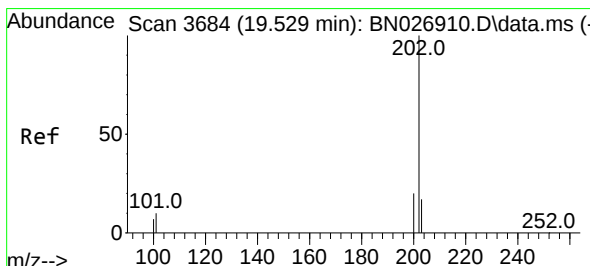
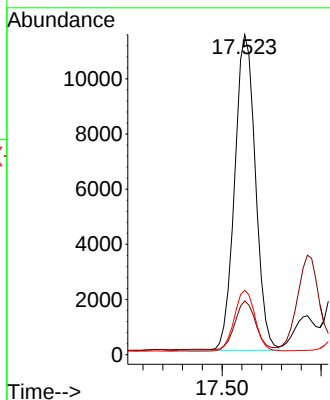
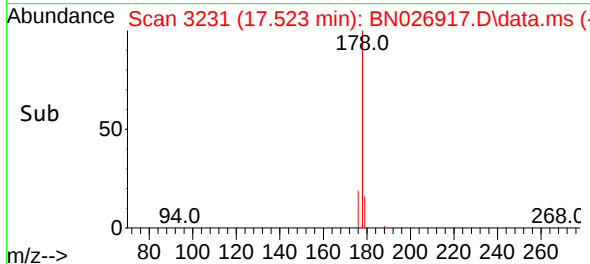
Instrument :
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Tgt Ion:178 Resp: 1669
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 20.1 15.4 23.2

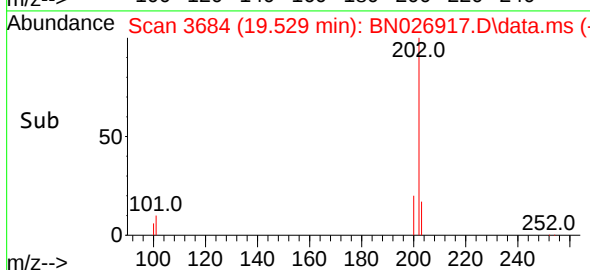
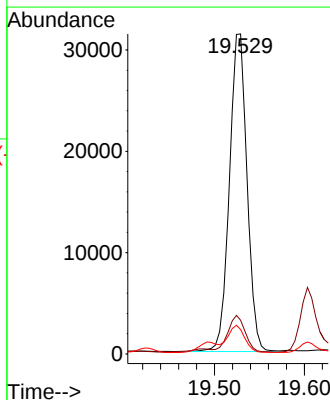
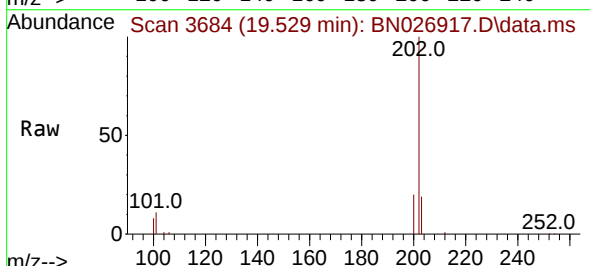
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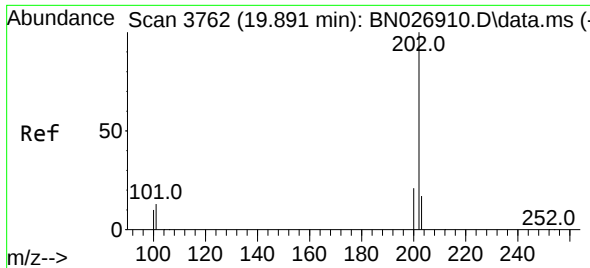
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#19
Fluoranthene
Concen: 0.136 ng/ul
RT: 19.529 min Scan# 3684
Delta R.T. -0.000 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34

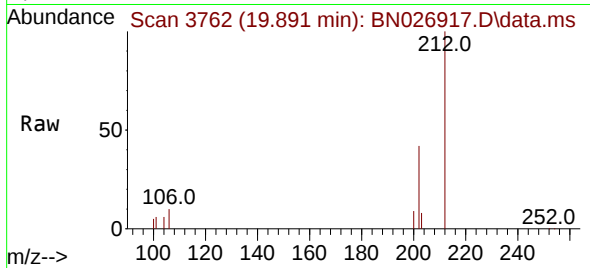
Tgt Ion:202 Resp: 42735
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.6 6.2 9.2





#20
Pyrene
Concen: 0.117 ng/ul m
RT: 19.891 min Scan# 3762
Delta R.T. -0.005 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34

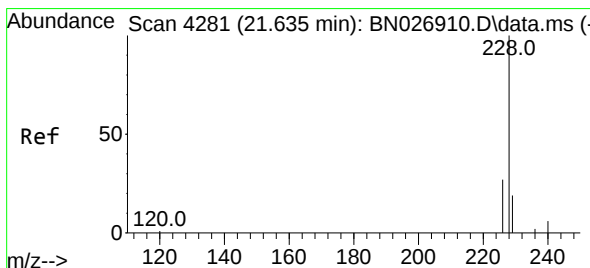
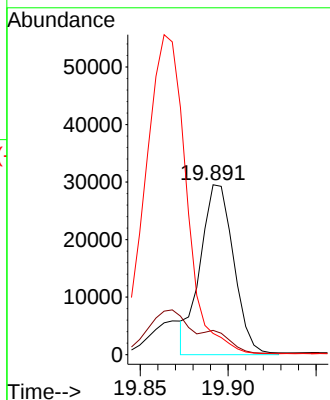
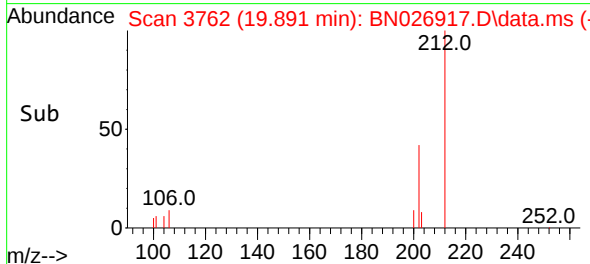
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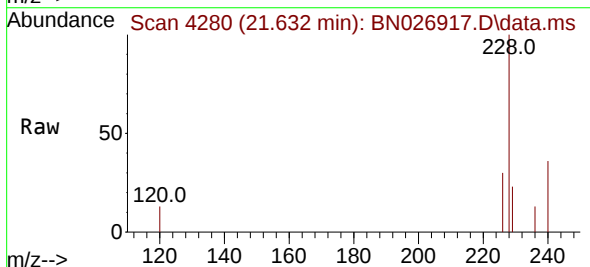
Tgt Ion:202 Resp: 39140
Ion Ratio Lower Upper
202 100
101 14.3 10.7 16.1
100 12.5 8.5 12.7

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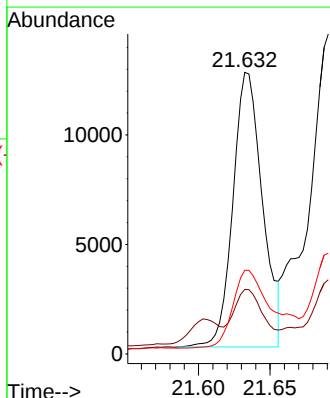
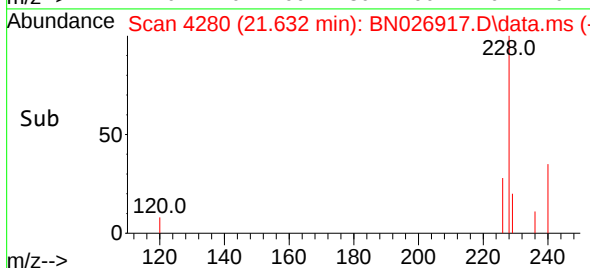
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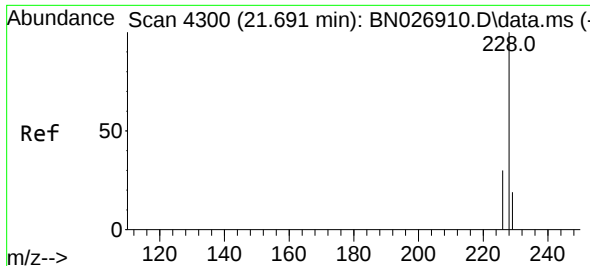


#21
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.009 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34



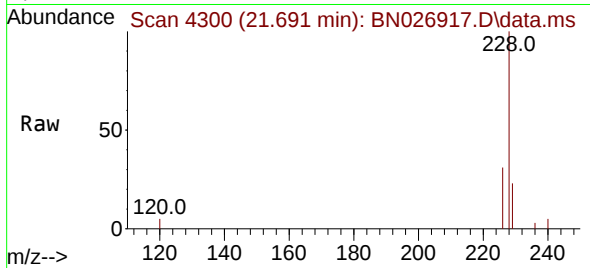
Tgt Ion:228 Resp: 18048
Ion Ratio Lower Upper
228 100
229 22.9 16.0 24.0
226 29.7 22.2 33.2





#22
Chrysene
Concen: 0.079 ng/ul
RT: 21.691 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34

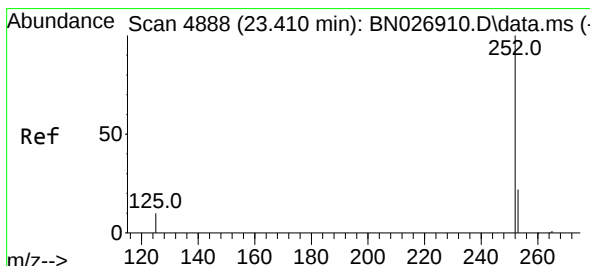
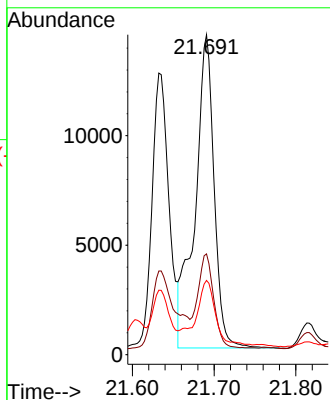
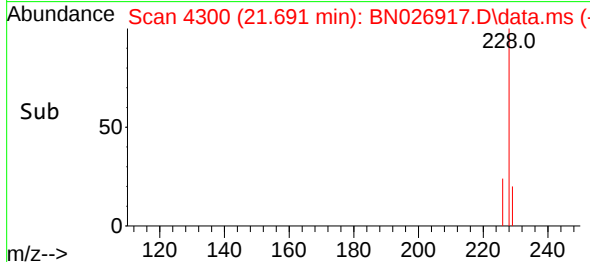
Instrument :
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Tgt Ion:228 Resp: 2328
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 23.2 15.8 23.6

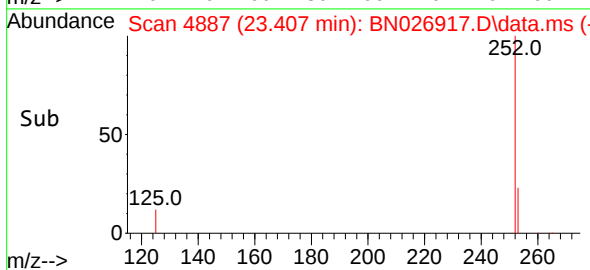
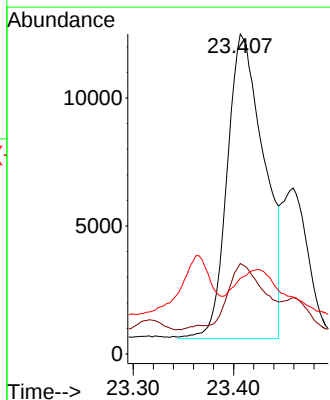
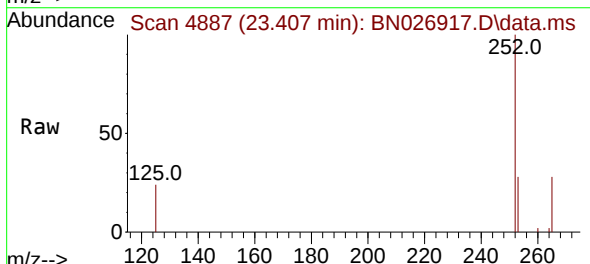
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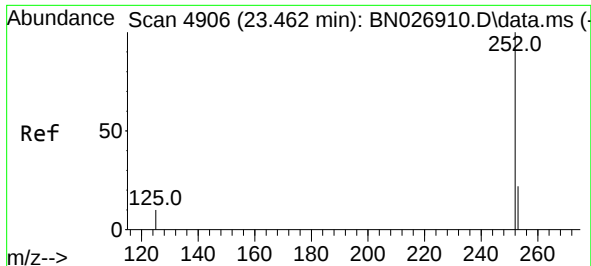
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#24
Benzo(b)fluoranthene
Concen: 0.109 ng/ul m
RT: 23.407 min Scan# 4887
Delta R.T. -0.015 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34

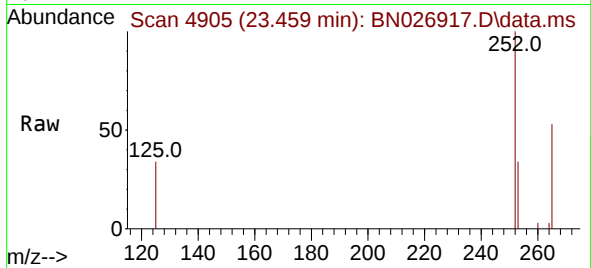
Tgt Ion:252 Resp: 30369
Ion Ratio Lower Upper
252 100
253 28.2 0.0 46.8
125 23.7 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 23.459 min Scan# 4906
Delta R.T. -0.015 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34

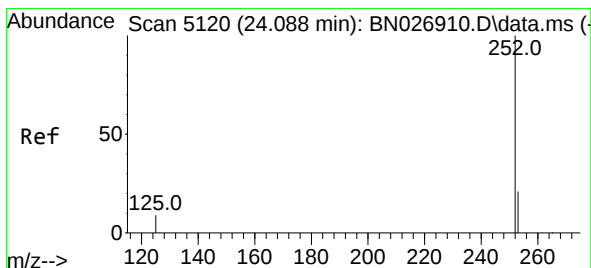
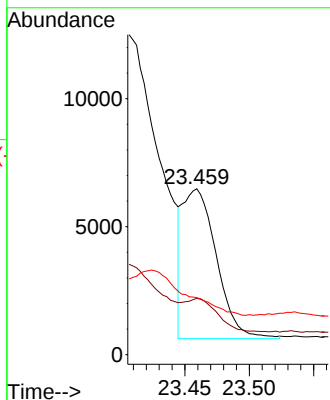
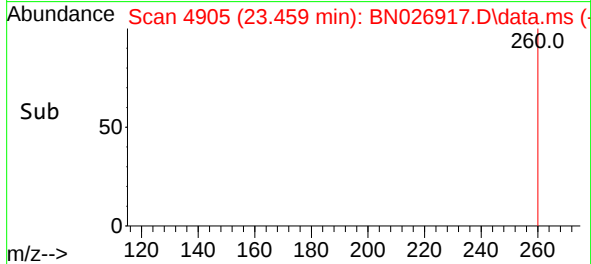
Instrument :
BNA_N
ClientSampleId :
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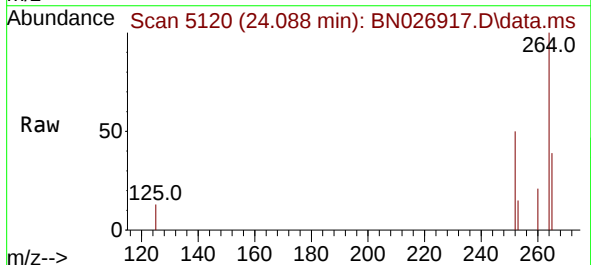
Tgt Ion:252 Resp: 10712
Ion Ratio Lower Upper
252 100
253 34.0 18.2 27.4#
125 34.3 9.9 14.9#

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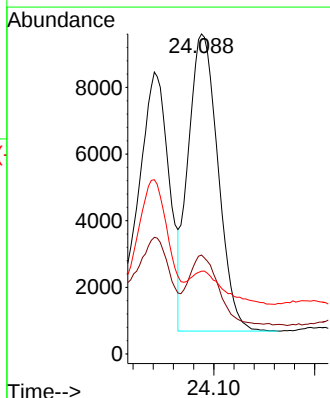
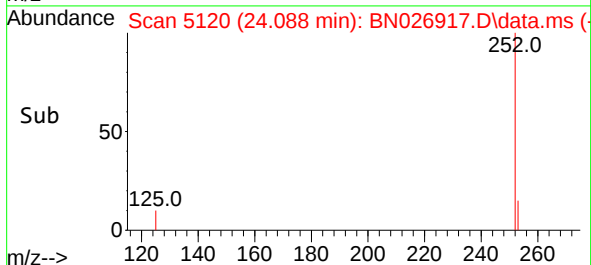
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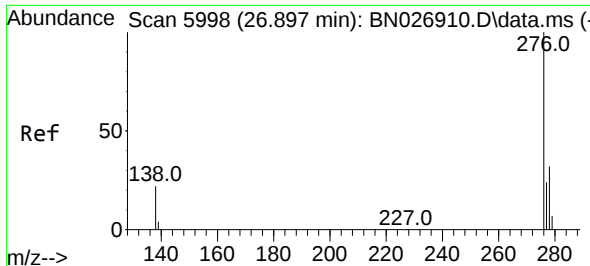


#26
Benzo(a)pyrene
Concen: 0.073 ng/ul
RT: 24.088 min Scan# 5120
Delta R.T. -0.012 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34



Tgt Ion:252 Resp: 18300
Ion Ratio Lower Upper
252 100
253 30.9 19.0 28.6#
125 25.9 11.4 17.0#





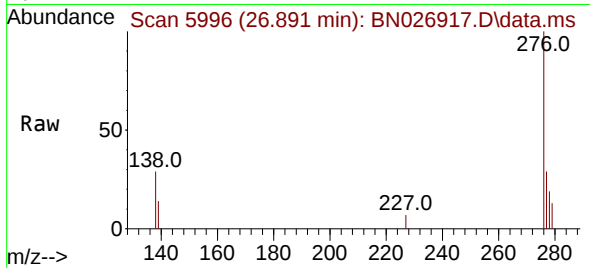
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. -0.017 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34

Instrument :

BNA_N

ClientSampleId :

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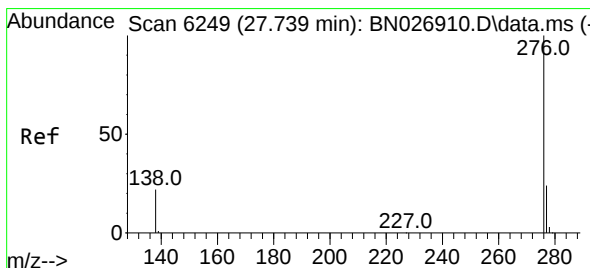
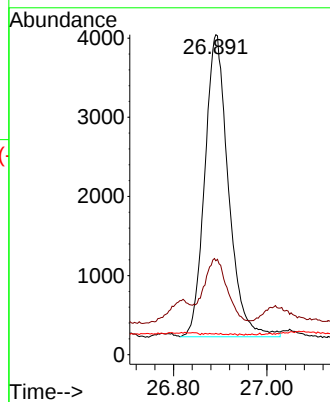
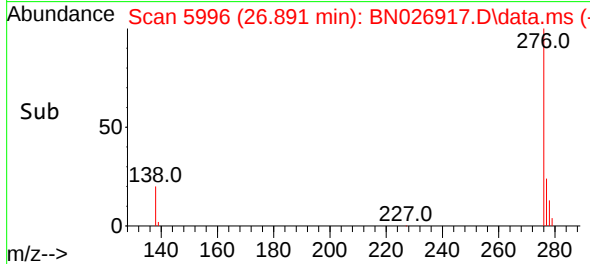


Tgt Ion:276 Resp: 13402
Ion Ratio Lower Upper
276 100
138 19.6 21.6 32.4#
227 0.0 0.0 0.0

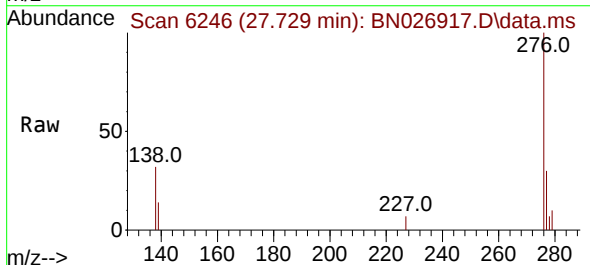
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#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 27.729 min Scan# 6246
Delta R.T. -0.017 min
Lab File: BN026917.D
Acq: 16 Aug 2023 01:34



Tgt Ion:276 Resp: 13449
Ion Ratio Lower Upper
276 100
138 31.9 19.3 28.9#
277 29.7 19.8 29.8

