

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
 Data File : BN029579.D
 Acq On : 08 Feb 2024 15:59
 Operator : MA/JU
 Sample : P1303-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FH8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 16:43:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 02:17:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	5832	0.400	ng/ul	0.00
4) Naphthalene-d8	10.683	136	15857	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.525	164	7069	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.276	188	13671	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	10299	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	13103	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	32049	4.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	5449	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.309	212	9113	0.269	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.318	178	1686	0.039	ng/ul#	87
19) Fluoranthene	19.341	202	4053	0.086	ng/ul#	90
20) Pyrene	19.704	202	3476	0.072	ng/ul#	90
21) Benzo(a)anthracene	21.460	228	1174	0.032	ng/ul#	88
22) Chrysene	21.512	228	2031	0.050	ng/ul#	93
24) Benzo(b)fluoranthene	23.129	252	2717m	0.055	ng/ul	
25) Benzo(k)fluoranthene	23.176	252	1388m	0.025	ng/ul	
26) Benzo(a)pyrene	23.743	252	1420	0.031	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	26.304	276	1370	0.024	ng/ul#	100
29) Benzo(g,h,i)perylene	27.055	276	1483	0.029	ng/ul#	72

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

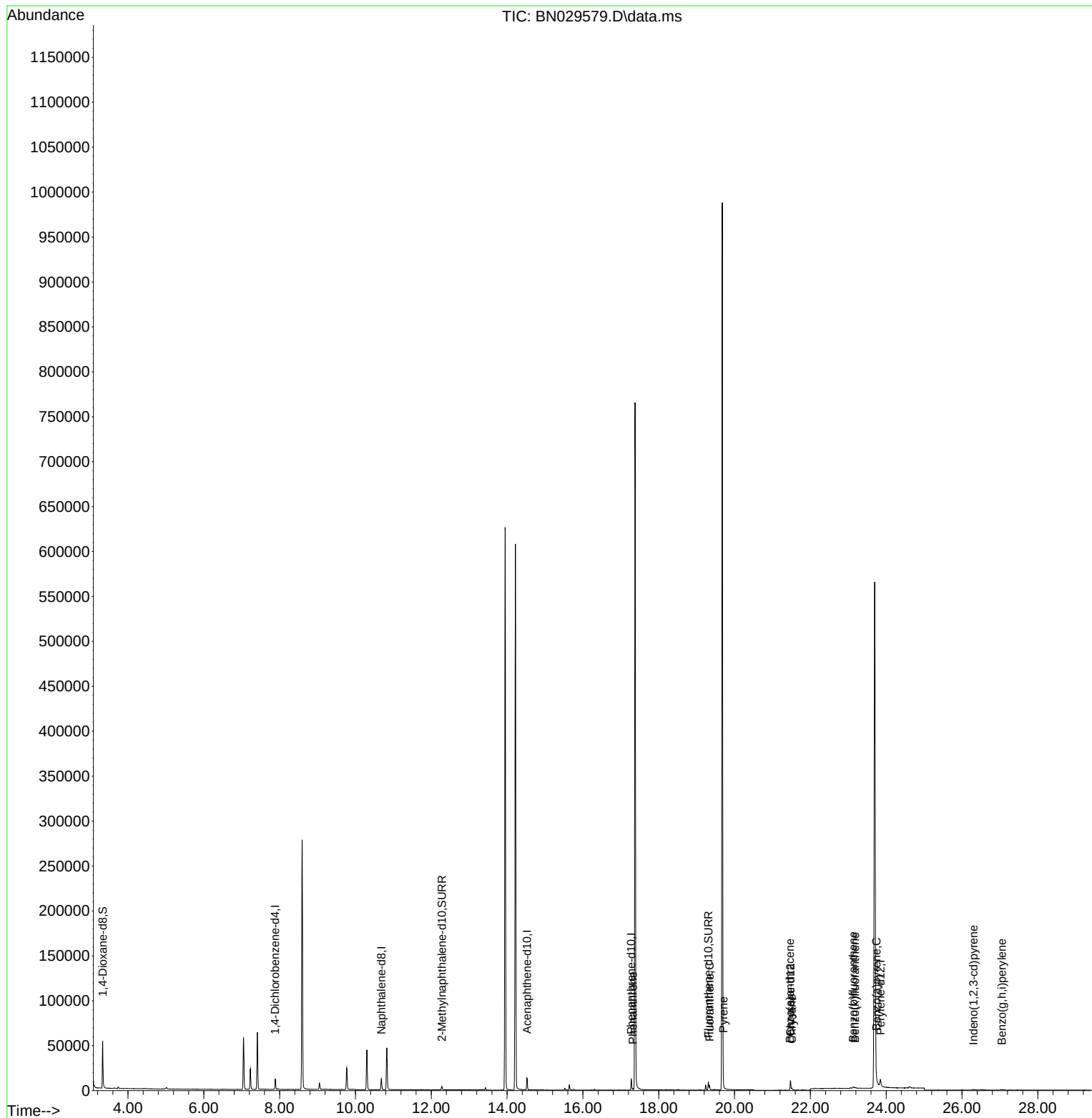
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
Data File : BN029579.D
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ALS Vial : 7 Sample Multiplier: 1

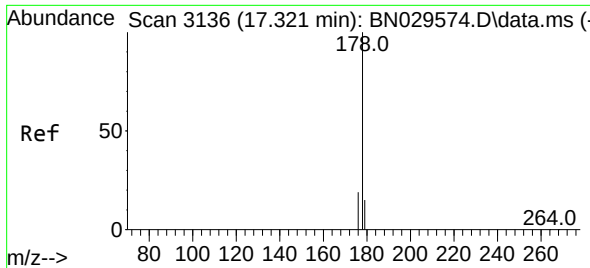
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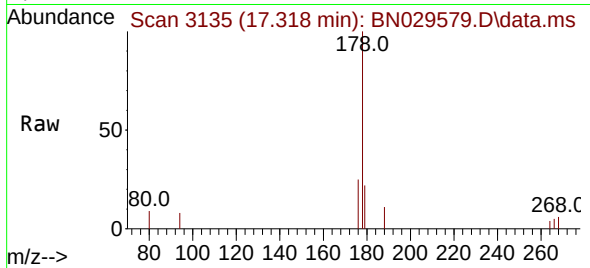
Quant Time: Feb 08 16:43:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 02:17:13 2024
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#15
Phenanthrene
Concen: 0.039 ng/ul
RT: 17.318 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59

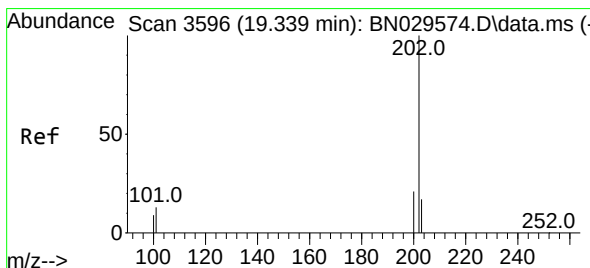
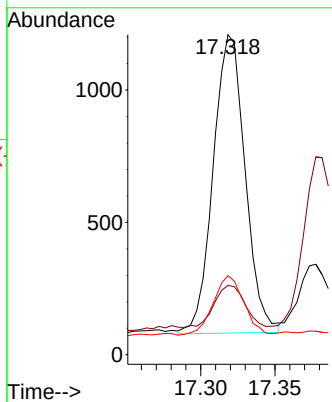
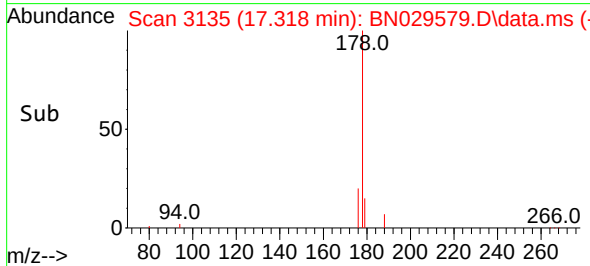
Instrument :
BNA_N
ClientSampleId :
C0FH8



Tgt Ion:178 Resp: 1680
Ion Ratio Lower Upper
178 100
179 21.7 12.6 18.8#
176 24.7 15.7 23.5#

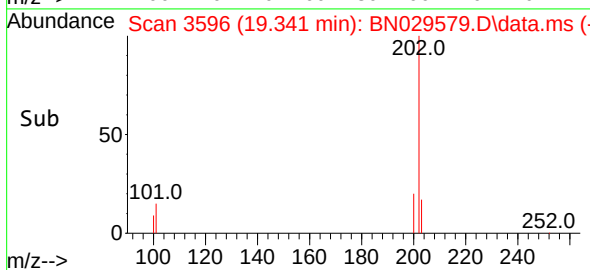
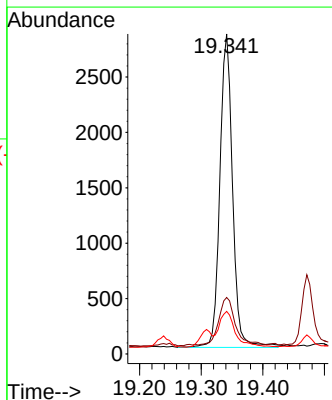
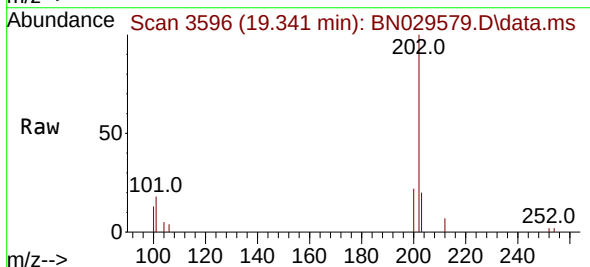
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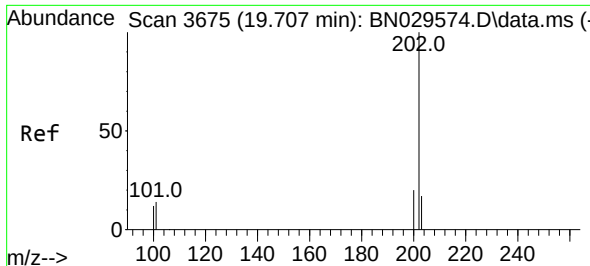
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#19
Fluoranthene
Concen: 0.086 ng/ul
RT: 19.341 min Scan# 3596
Delta R.T. -0.004 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59

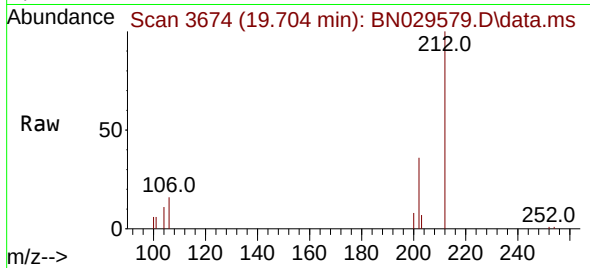
Tgt Ion:202 Resp: 4053
Ion Ratio Lower Upper
202 100
101 17.6 10.4 15.6#
100 13.3 8.5 12.7#





#20
Pyrene
Concen: 0.072 ng/u1
RT: 19.704 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59

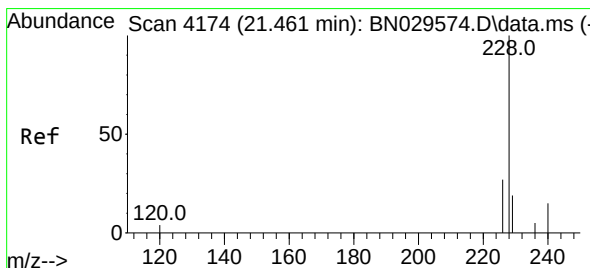
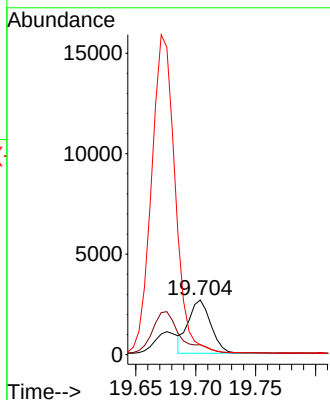
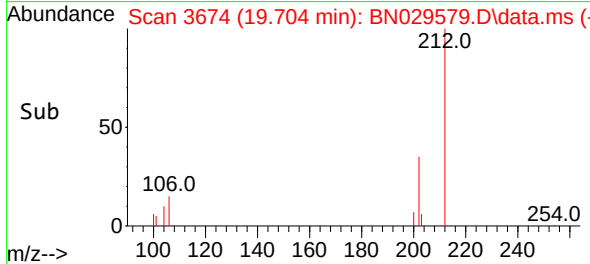
Instrument :
BNA_N
ClientSampleId :
C0FH8



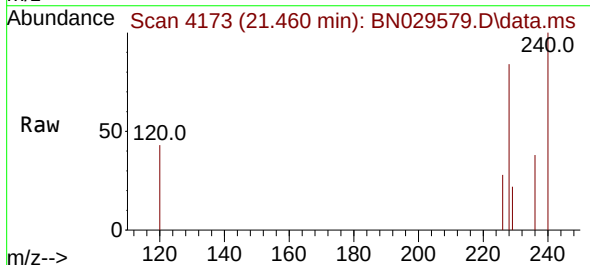
Tgt Ion:202 Resp: 3470
Ion Ratio Lower Upper
202 100
101 18.2 12.5 18.7
100 18.1 10.0 15.0

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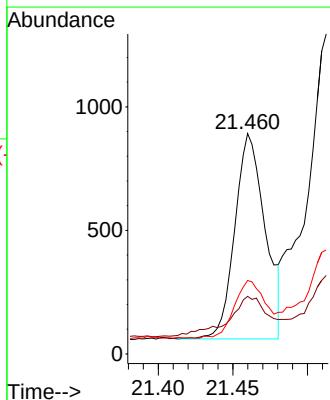
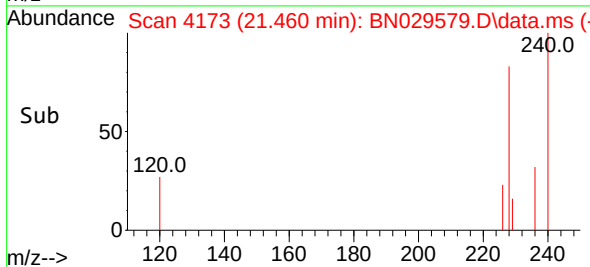
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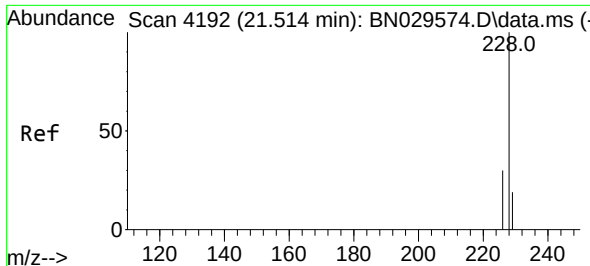


#21
Benzo(a)anthracene
Concen: 0.032 ng/u1
RT: 21.460 min Scan# 4173
Delta R.T. -0.007 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59



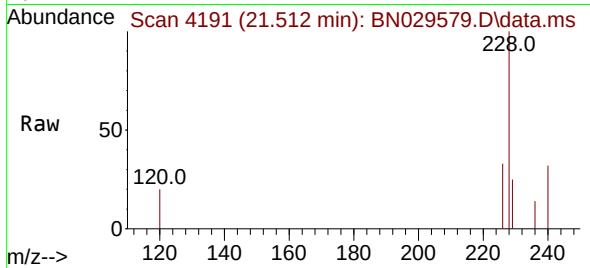
Tgt Ion:228 Resp: 1174
Ion Ratio Lower Upper
228 100
229 26.1 15.7 23.5#
226 33.3 22.2 33.4





#22
Chrysene
Concen: 0.050 ng/ul
RT: 21.512 min Scan# 4191
Delta R.T. -0.007 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59

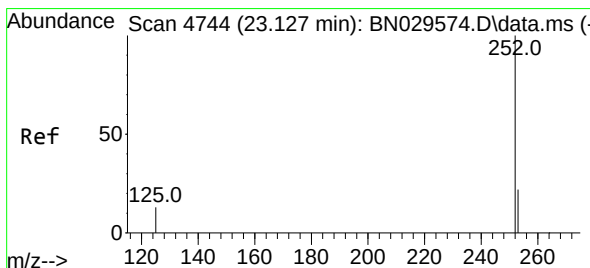
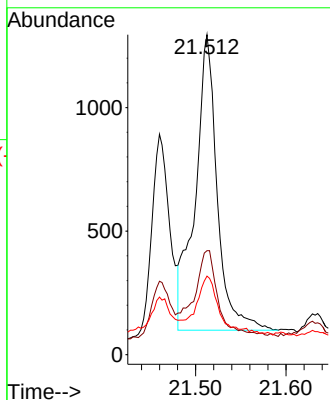
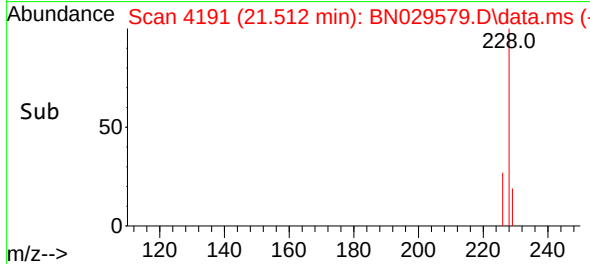
Instrument :
BNA_N
ClientSampleId :
C0FH8



Tgt Ion:228 Resp: 203
Ion Ratio Lower Upper
228 100
226 32.5 24.2 36.2
229 24.6 15.7 23.5

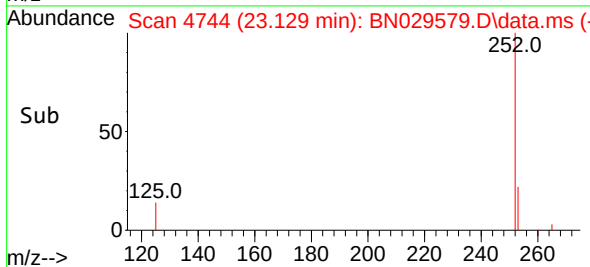
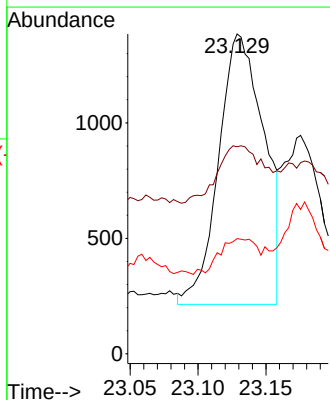
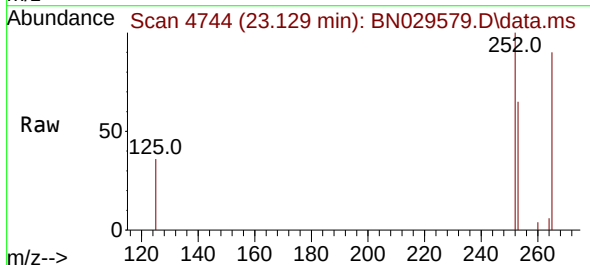
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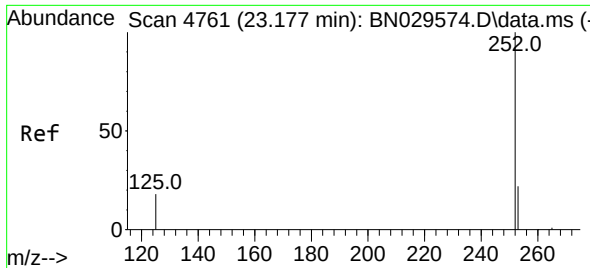
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#24
Benzo(b)fluoranthene
Concen: 0.055 ng/ul m
RT: 23.129 min Scan# 4744
Delta R.T. -0.007 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59

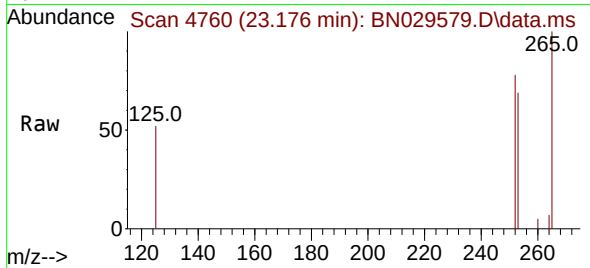
Tgt Ion:252 Resp: 2717
Ion Ratio Lower Upper
252 100
253 64.8 0.0 56.8#
125 36.0 0.0 32.4#





#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 23.176 min Scan# 4761
Delta R.T. -0.010 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59

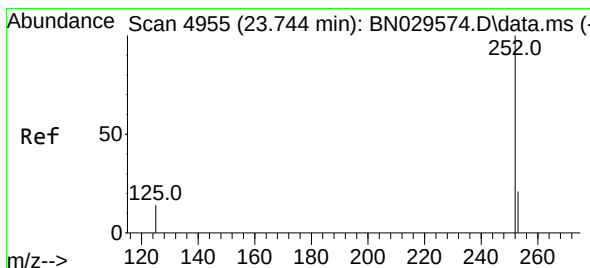
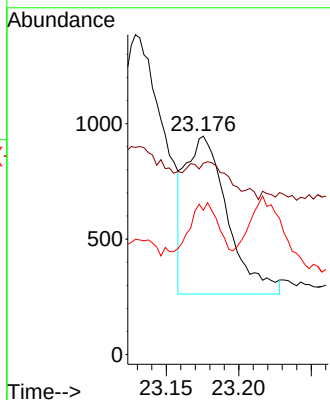
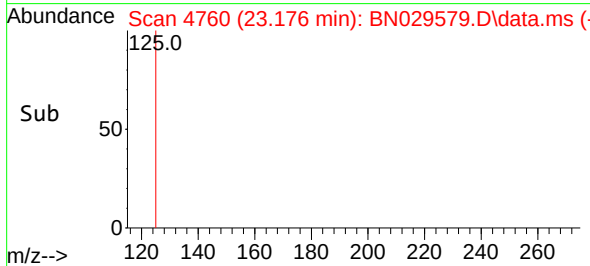
Instrument :
BNA_N
ClientSampleId :
C0FH8



Tgt Ion:252 Resp: 1388
Ion Ratio Lower Upper
252 100
253 87.5 22.6 33.8
125 66.1 15.3 22.9

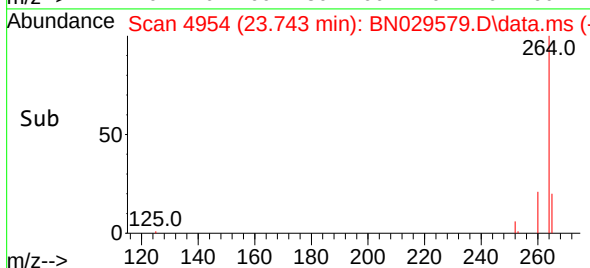
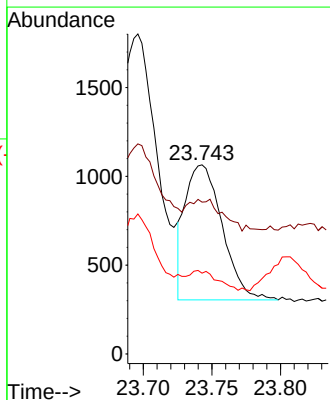
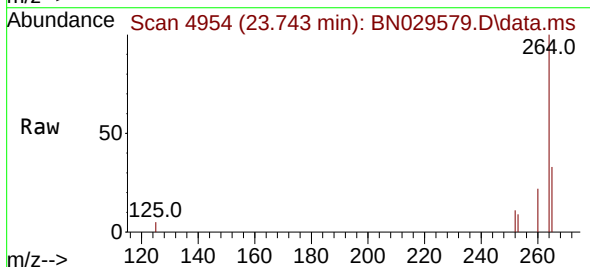
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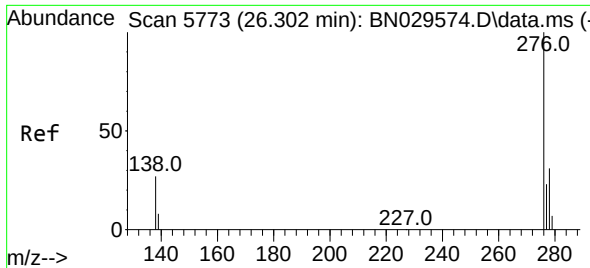
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#26
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 23.743 min Scan# 4954
Delta R.T. -0.010 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59

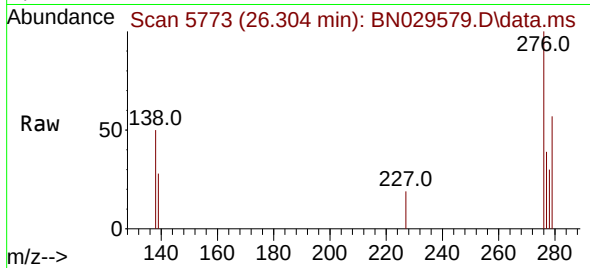
Tgt Ion:252 Resp: 1420
Ion Ratio Lower Upper
252 100
253 80.3 25.4 38.0#
125 42.7 16.0 24.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 26.304 min Scan# 5773
Delta R.T. -0.015 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59

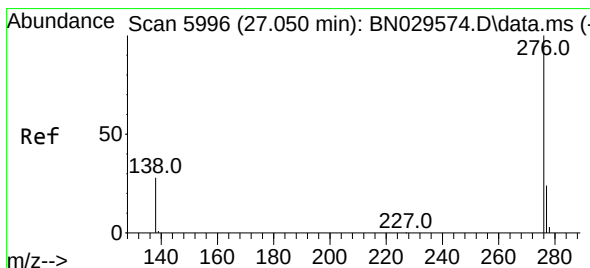
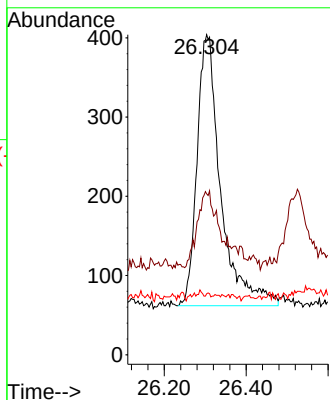
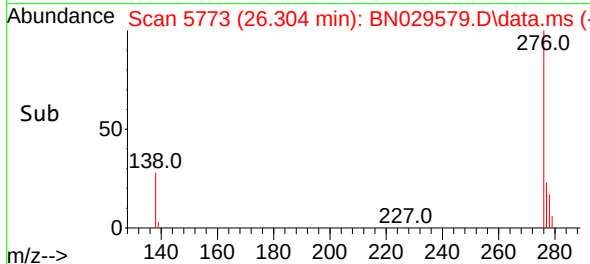
Instrument :
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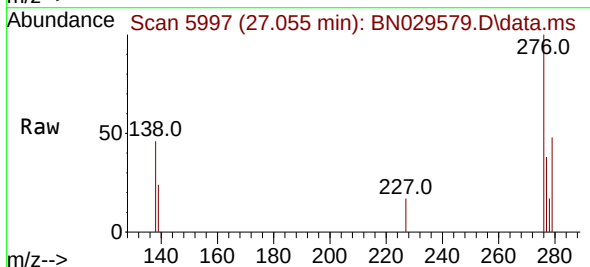
Tgt Ion:276 Resp: 1370
Ion Ratio Lower Upper
276 100
138 27.3 0.0 0.0#
227 0.2 0.0 0.0#

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#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 27.055 min Scan# 5997
Delta R.T. -0.008 min
Lab File: BN029579.D
Acq: 08 Feb 2024 15:59



Tgt Ion:276 Resp: 1483
Ion Ratio Lower Upper
276 100
138 46.3 24.6 37.0#
277 38.4 19.7 29.5#

