

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036205.D
 Acq On : 01 Feb 2025 14:05
 Operator : RC/JU
 Sample : Q1248-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6325

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 12:05:26 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 21 23:52:22 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2554	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	6616	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	4117	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.179	188	9186	0.400	ng/ul	-0.01
17) Chrysene-d12	21.363	240	9346	0.400	ng/ul	# 0.00
23) Perylene-d12	23.654	264	8877m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	9727	3.478	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1786	0.214	ng/ul	-0.02
18) Fluoranthene-d10	19.206	212	3006	0.117	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	17.217	178	1873	0.070	ng/ul#	91
19) Fluoranthene	19.238	202	3792	0.107	ng/ul#	90
20) Pyrene	19.601	202	3751m	0.101	ng/ul	
21) Benzo(a)anthracene	21.348	228	1473	0.044	ng/ul#	84
22) Chrysene	21.401	228	2123	0.062	ng/ul#	87
24) Benzo(b)fluoranthene	22.967	252	2692m	0.091	ng/ul	
25) Benzo(k)fluoranthene	23.008	252	947m	0.030	ng/ul	
26) Benzo(a)pyrene	23.555	252	1565	0.058	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.991	276	1072	0.030	ng/ul#	94
29) Benzo(g,h,i)perylene	26.702	276	1041	0.038	ng/ul#	47

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

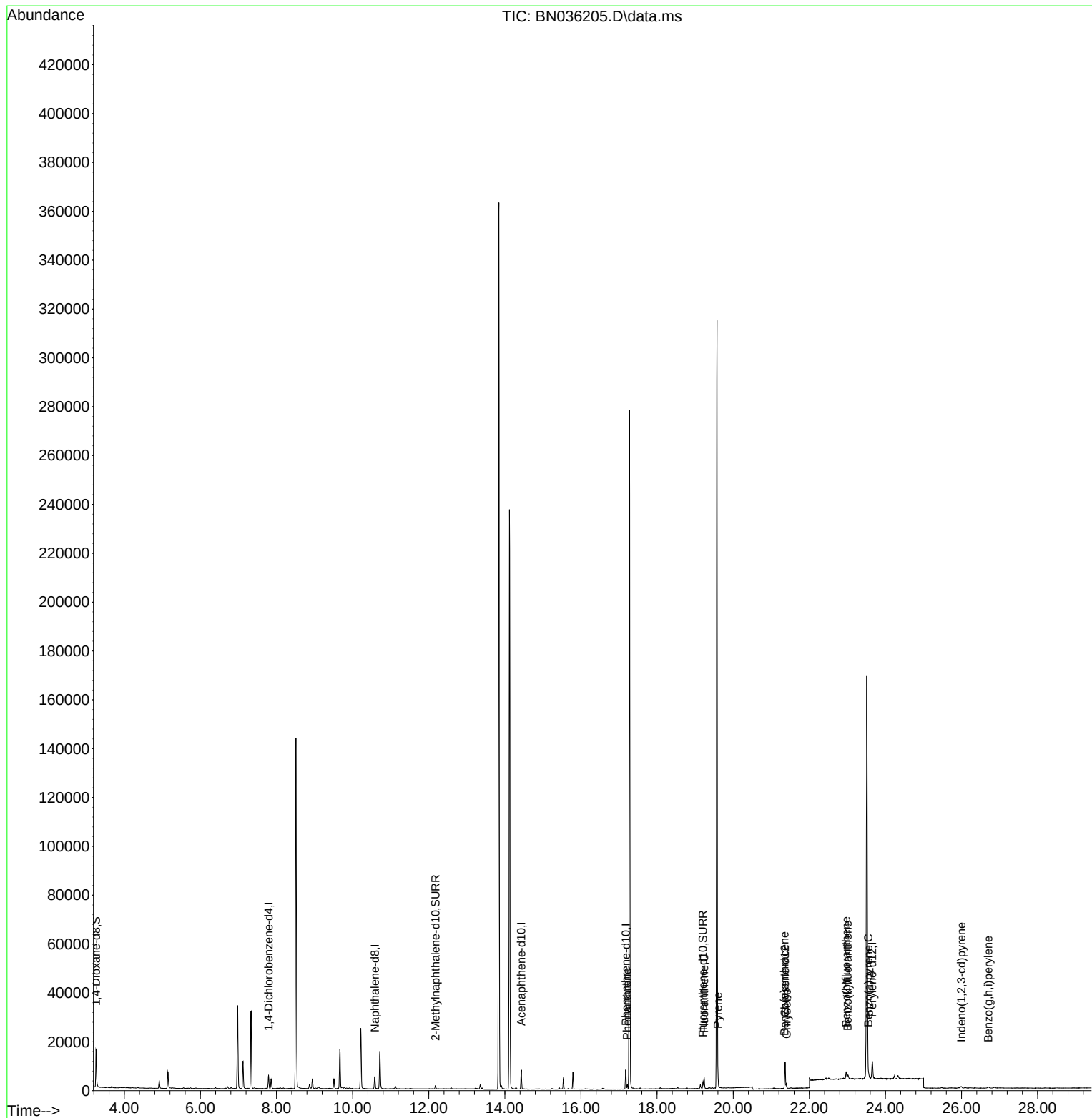
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036205.D
Acq On : 01 Feb 2025 14:05
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ALS Vial : 37 Sample Multiplier: 1

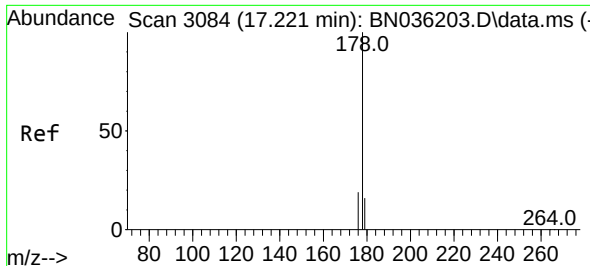
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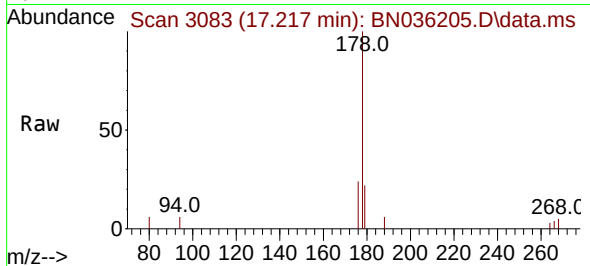
Quant Time: Feb 03 12:05:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.070 ng/ul
RT: 17.217 min Scan# 3083
Delta R.T. -0.017 min
Lab File: BN036205.D
Acq: 01 Feb 2025 14:05

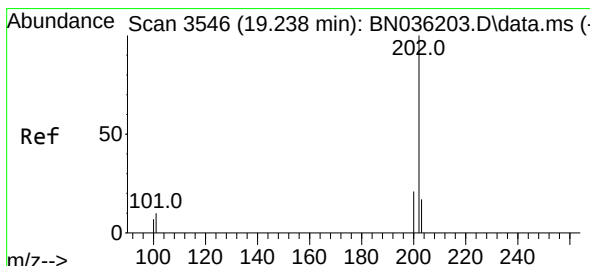
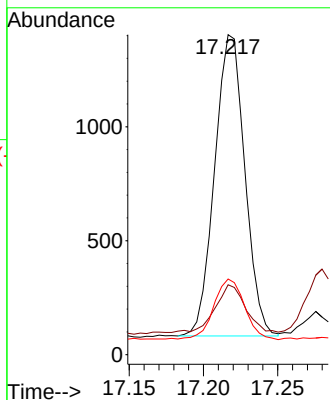
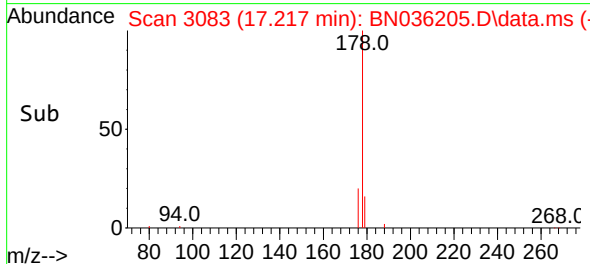
Instrument :
BNA_N
ClientSampleId :
A6325



Tgt Ion:178 Resp: 187
Ion Ratio Lower Upper
178 100
179 21.9 13.2 19.8#
176 23.6 16.8 25.2#

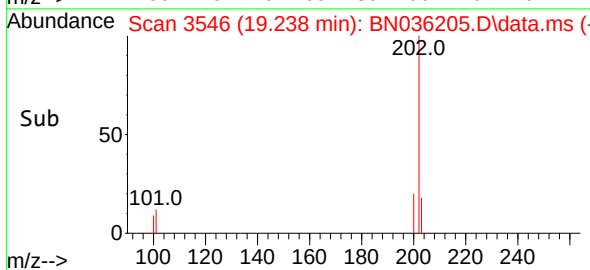
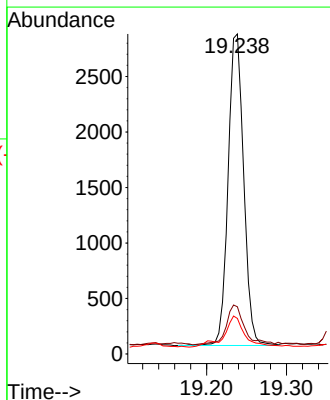
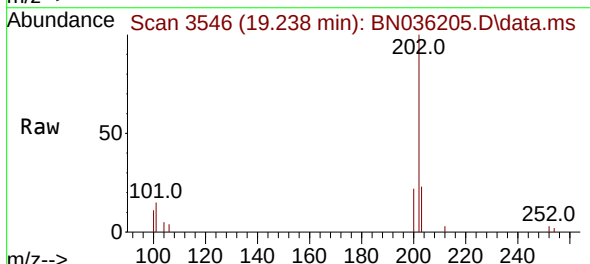
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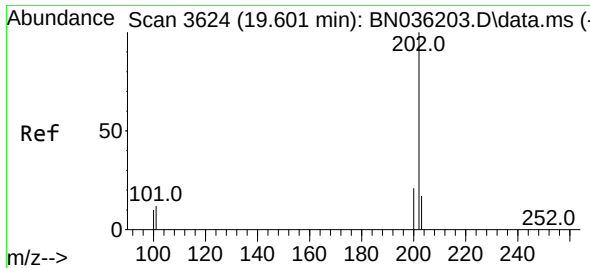
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.238 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN036205.D
Acq: 01 Feb 2025 14:05

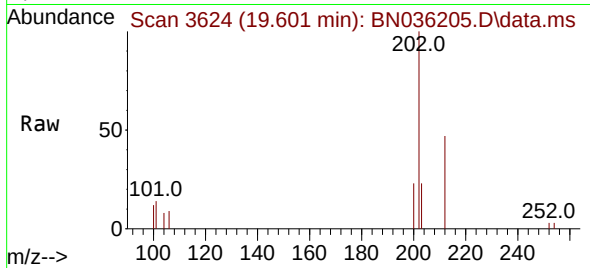
Tgt Ion:202 Resp: 3792
Ion Ratio Lower Upper
202 100
101 14.7 8.4 12.6#
100 11.1 6.5 9.7#





#20
Pyrene
Concen: 0.101 ng/ul m
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036205.D
Acq: 01 Feb 2025 14:05

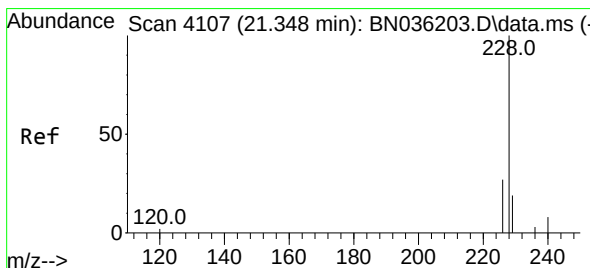
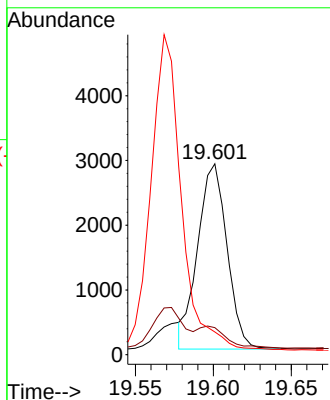
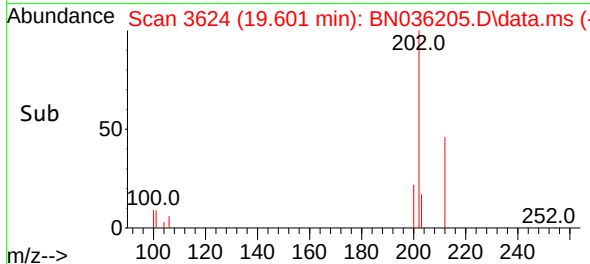
Instrument :
BNA_N
ClientSampleId :
A6325



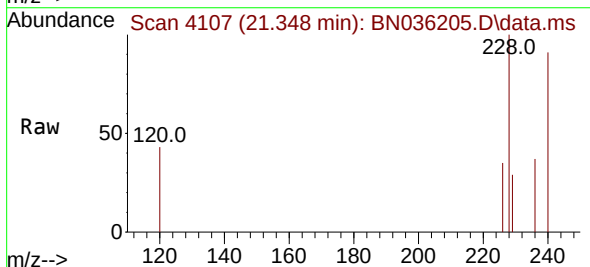
Tgt Ion:202 Resp: 375
Ion Ratio Lower Upper
202 100
101 14.2 9.3 13.9#
100 11.9 7.5 11.3#

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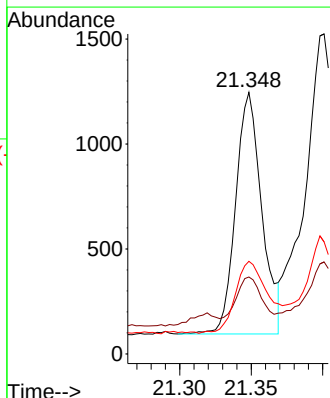
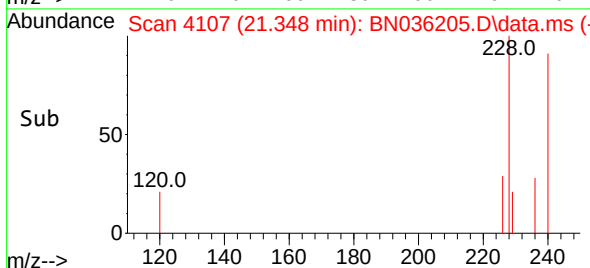
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Supervised By :mohammad ahmed 02/04/2025

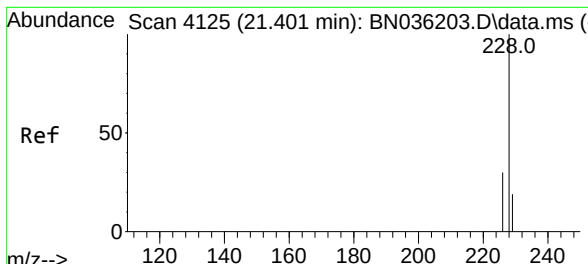


#21
Benzo(a)anthracene
Concen: 0.044 ng/ul
RT: 21.348 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN036205.D
Acq: 01 Feb 2025 14:05



Tgt Ion:228 Resp: 1473
Ion Ratio Lower Upper
228 100
229 29.4 15.9 23.9#
226 35.4 22.8 34.2#





#22

Chrysene

Concen: 0.062 ng/ul

RT: 21.401 min Scan# 4125

Delta R.T. -0.005 min

Lab File: BN036205.D

Acq: 01 Feb 2025 14:05

Instrument :

BNA_N

ClientSampleId :

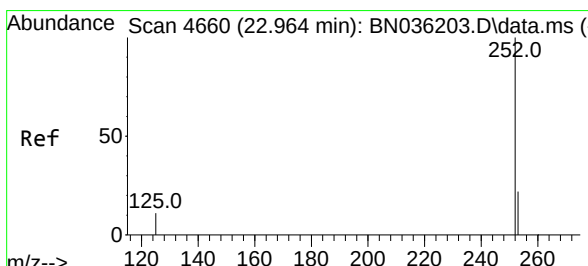
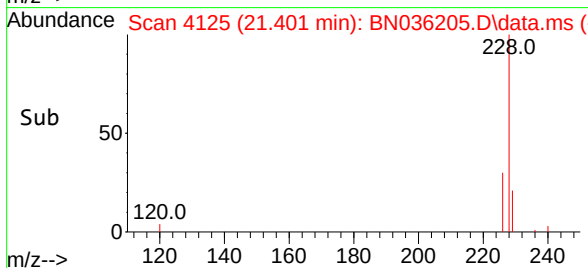
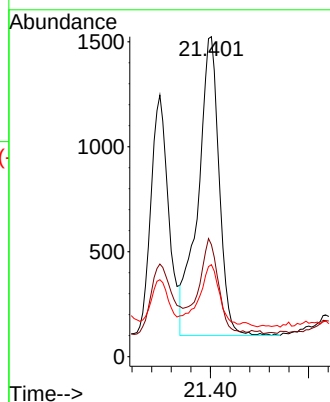
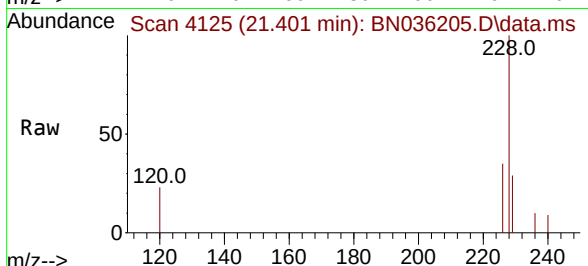
A6325

Tgt Ion:228	Resp:	212
Ion Ratio	Lower	Upper
228	100	
226	35.0	24.4 36.6
229	28.7	15.9 23.9

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#24

Benzo(b)fluoranthene

Concen: 0.091 ng/ul m

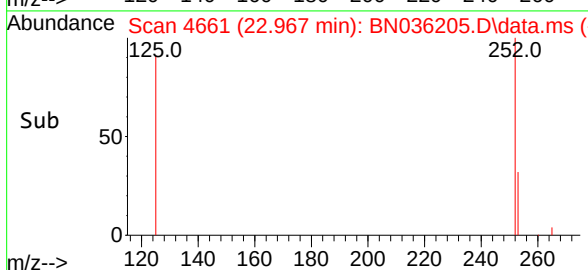
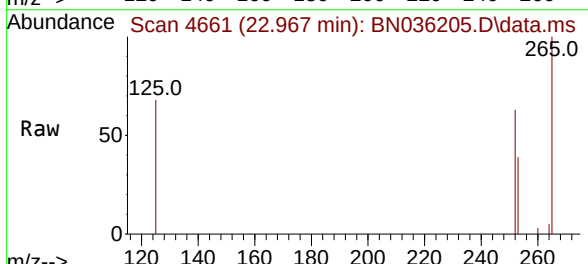
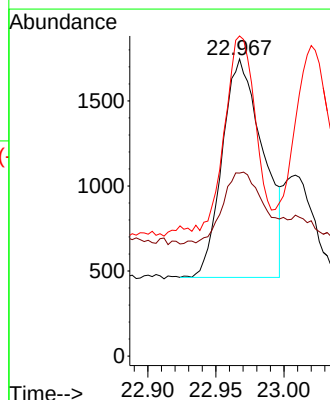
RT: 22.967 min Scan# 4661

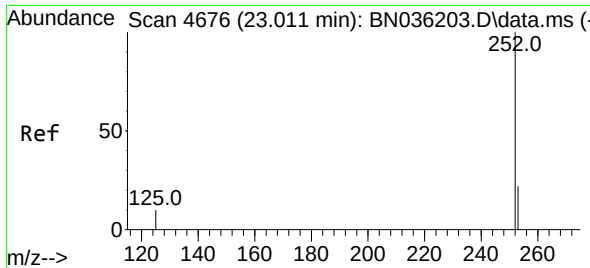
Delta R.T. -0.005 min

Lab File: BN036205.D

Acq: 01 Feb 2025 14:05

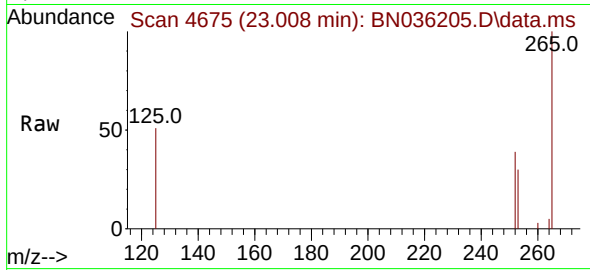
Tgt Ion:252	Resp:	2692
Ion Ratio	Lower	Upper
252	100	
253	61.6	0.0 51.2#
125	107.7	0.0 27.8#





#25
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 23.008 min Scan# 4676
Delta R.T. -0.011 min
Lab File: BN036205.D
Acq: 01 Feb 2025 14:05

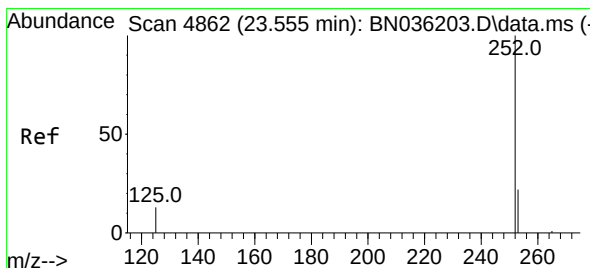
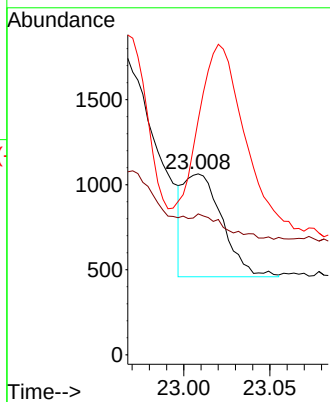
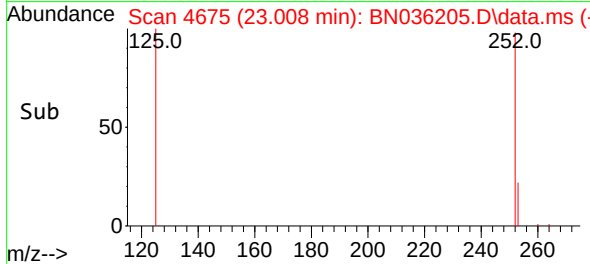
Instrument :
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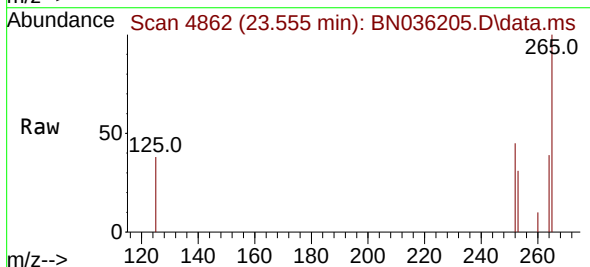
Tgt Ion:252 Resp: 947
Ion Ratio Lower Upper
252 100
253 77.8 20.2 30.4#
125 129.8 10.6 16.0#

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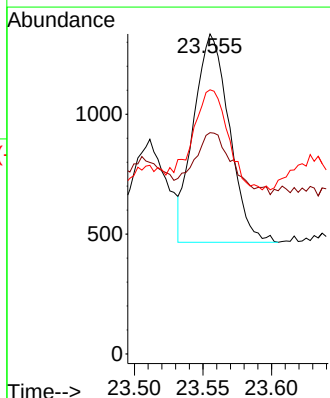
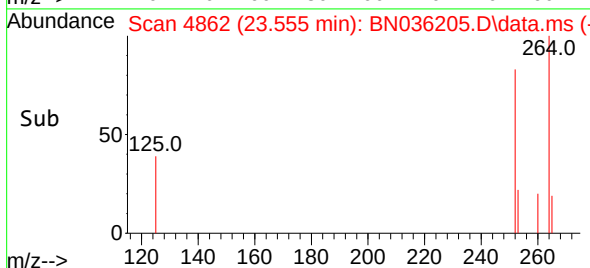
Reviewed By :Jagrut Upadhyay 02/03/2025
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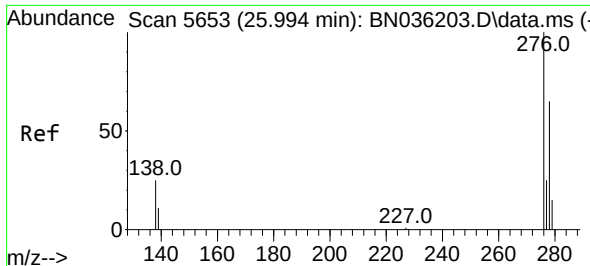


#26
Benzo(a)pyrene
Concen: 0.058 ng/ul
RT: 23.555 min Scan# 4862
Delta R.T. -0.008 min
Lab File: BN036205.D
Acq: 01 Feb 2025 14:05



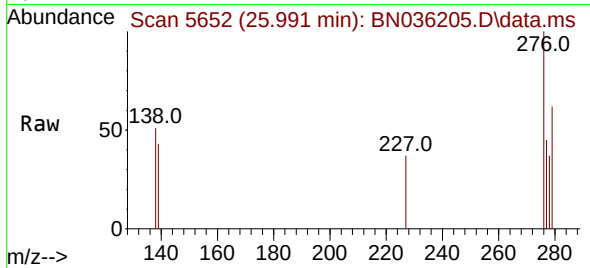
Tgt Ion:252 Resp: 1565
Ion Ratio Lower Upper
252 100
253 69.1 22.2 33.4#
125 82.5 13.1 19.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 25.991 min Scan# 5652
Delta R.T. -0.013 min
Lab File: BN036205.D
Acq: 01 Feb 2025 14:05

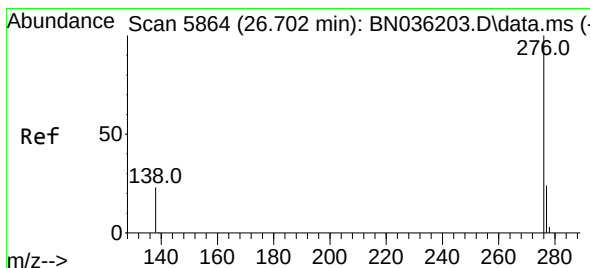
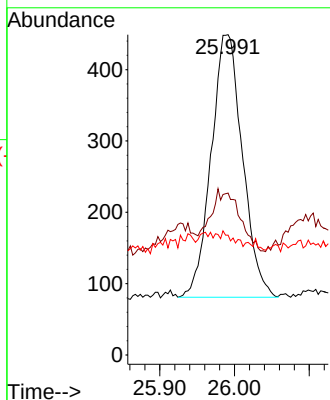
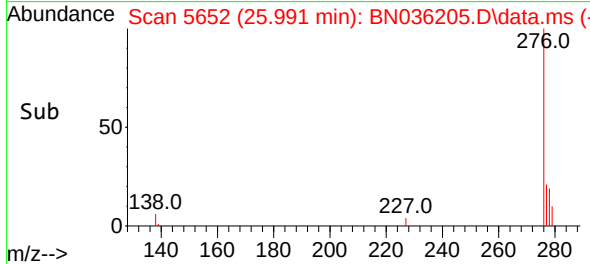
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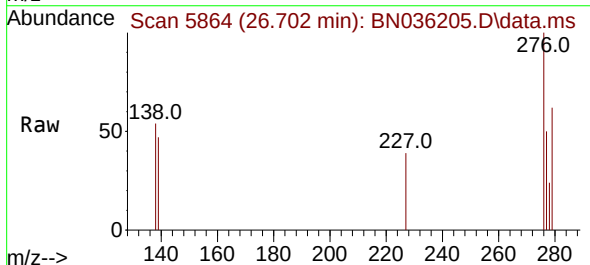
Tgt Ion:276 Resp: 1072
Ion Ratio Lower Upper
276 100
138 22.4 20.2 30.4
227 0.0 0.1 0.1

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#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.702 min Scan# 5864
Delta R.T. -0.016 min
Lab File: BN036205.D
Acq: 01 Feb 2025 14:05



Tgt Ion:276 Resp: 1041
Ion Ratio Lower Upper
276 100
138 53.7 19.4 29.0#
277 50.2 21.1 31.7#

