

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036190.D
 Acq On : 01 Feb 2025 05:03
 Operator : RC/JU
 Sample : Q1224-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6304

Manual Integrations
 APPROVED

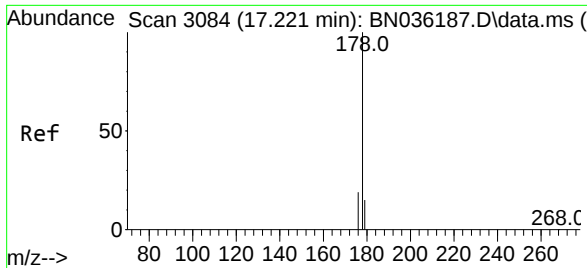
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 11:55:15 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)

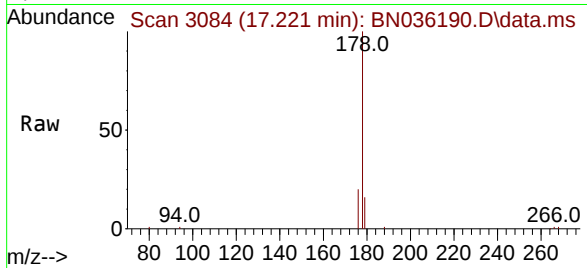
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	2921	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.583	136	7596	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	4680	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.178	188	10056	0.400	ng/ul	-0.01
17) Chrysene-d12	21.366	240	10641	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	11005	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	8956	2.800	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1649	0.172	ng/ul	-0.02
18) Fluoranthene-d10	19.206	212	3289	0.112	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	17.221	178	14836	0.504	ng/ul	98
16) Anthracene	17.309	178	1148	0.042	ng/ul#	81
19) Fluoranthene	19.238	202	54326	1.343	ng/ul	100
20) Pyrene	19.601	202	45775	1.084	ng/ul	99
21) Benzo(a)anthracene	21.348	228	16930	0.446	ng/ul	98
22) Chrysene	21.401	228	27534	0.710	ng/ul	98
24) Benzo(b)fluoranthene	22.967	252	38820m	1.057	ng/ul	
25) Benzo(k)fluoranthene	23.008	252	14238m	0.369	ng/ul	
26) Benzo(a)pyrene	23.558	252	22431	0.676	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.991	276	16505	0.376	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.001	278	3517	0.104	ng/ul#	68
29) Benzo(g,h,i)perylene	26.706	276	16074	0.472	ng/ul	98

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



#15
Phenanthrene
Concen: 0.504 ng/u1
RT: 17.221 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03

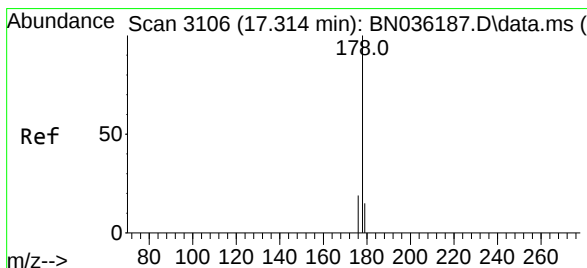
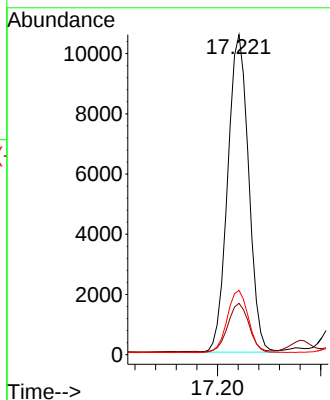
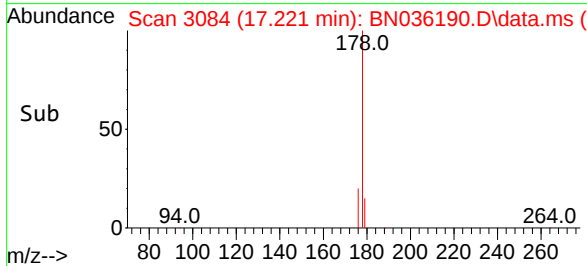
Instrument : BNA_N
ClientSampleId : A6304



Tgt Ion:178 Resp: 14830
Ion Ratio Lower Upper
178 100
179 16.1 13.2 19.8
176 20.1 16.8 25.2

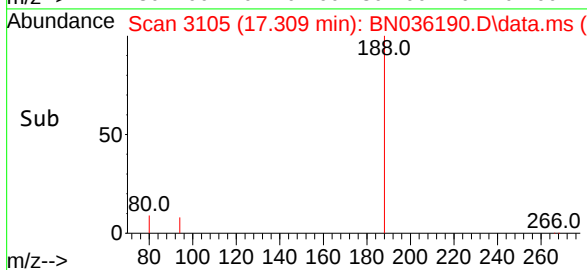
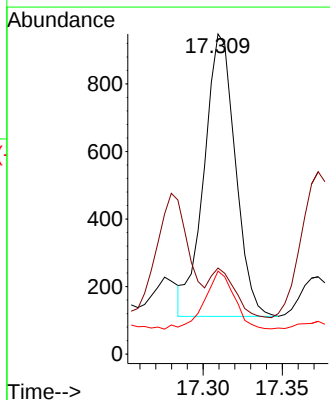
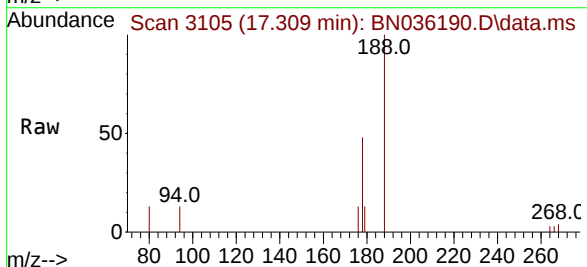
Manual Integrations
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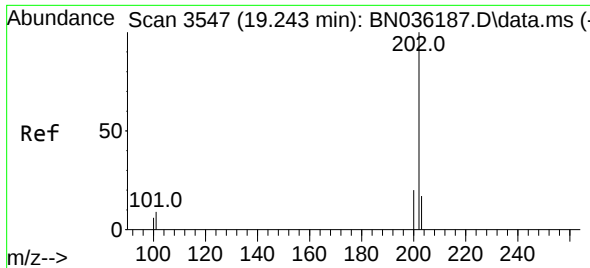
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#16
Anthracene
Concen: 0.042 ng/u1
RT: 17.309 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03

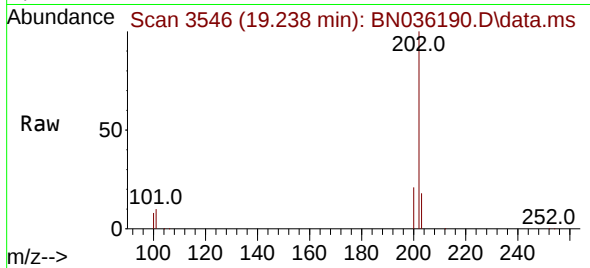
Tgt Ion:178 Resp: 1148
Ion Ratio Lower Upper
178 100
179 26.9 13.0 19.4#
176 25.9 15.9 23.9#





#19
Fluoranthene
Concen: 1.343 ng/u1
RT: 19.238 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03

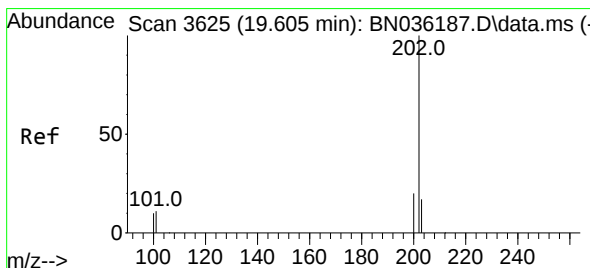
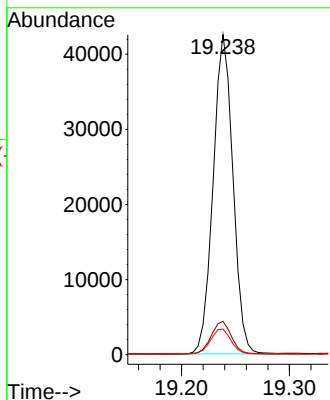
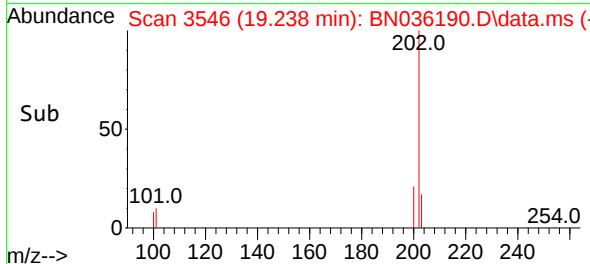
Instrument :
BNA_N
ClientSampleId :
A6304



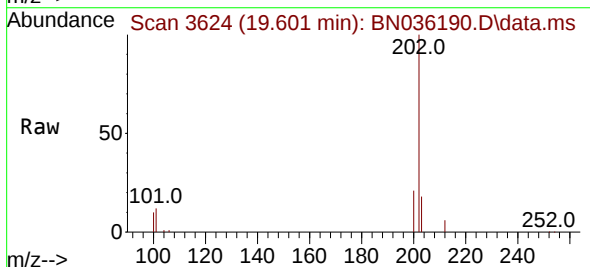
Tgt Ion:202 Resp: 54320
Ion Ratio Lower Upper
202 100
101 10.4 8.4 12.6
100 8.0 6.5 9.7

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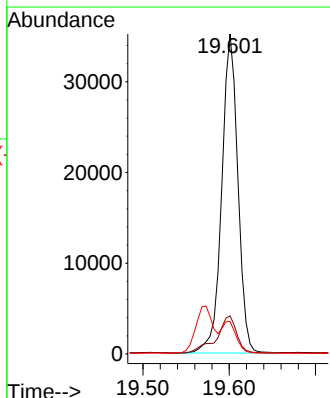
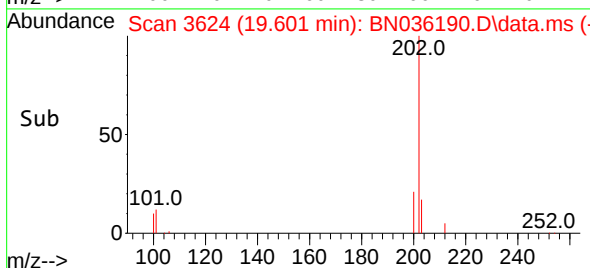
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

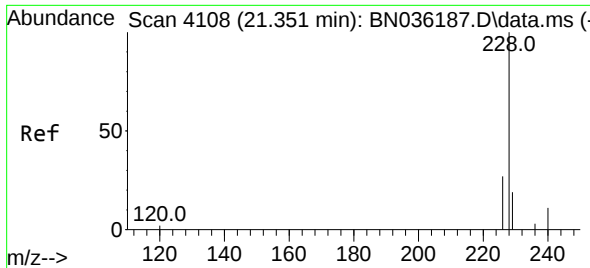


#20
Pyrene
Concen: 1.084 ng/u1
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03



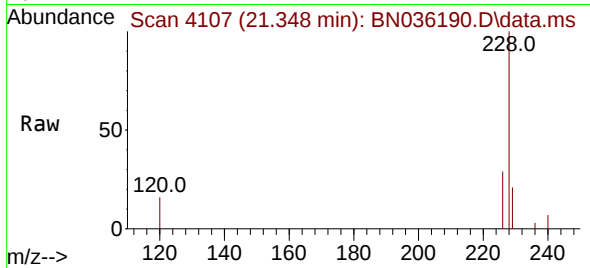
Tgt Ion:202 Resp: 45775
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 10.1 7.5 11.3





#21
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.348 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03

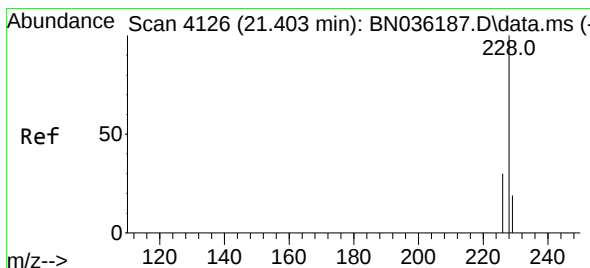
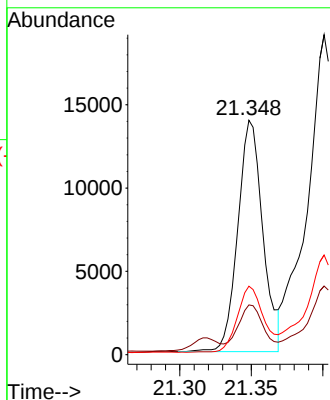
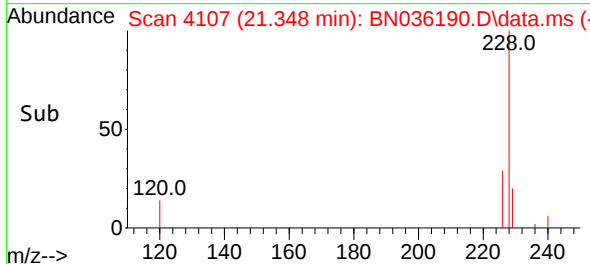
Instrument :
BNA_N
ClientSampleId :
A6304



Tgt Ion:228 Resp: 16930
Ion Ratio Lower Upper
228 100
229 21.2 15.9 23.9
226 29.2 22.8 34.2

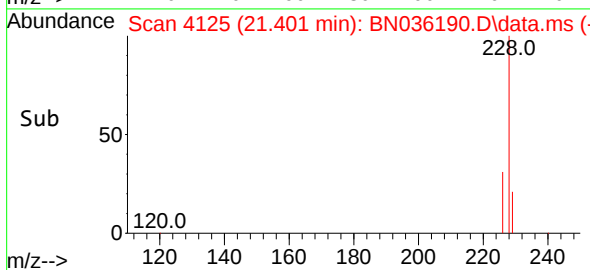
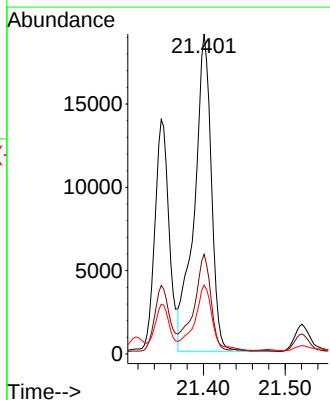
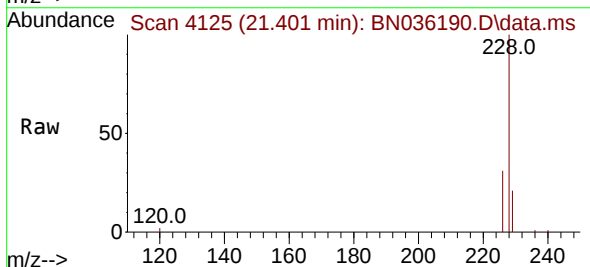
Manual Integrations
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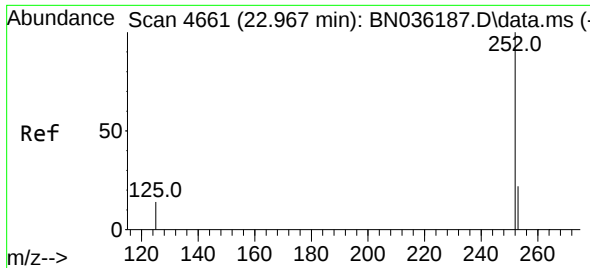
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Chrysene
Concen: 0.710 ng/ul
RT: 21.401 min Scan# 4125
Delta R.T. -0.005 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03

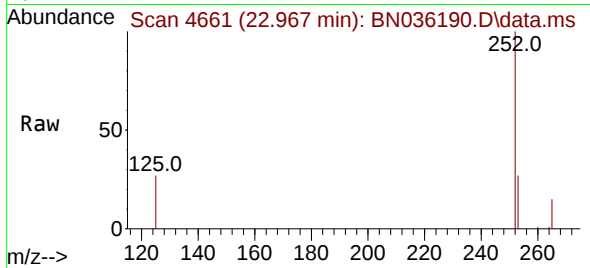
Tgt Ion:228 Resp: 27534
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.057 ng/ul m
RT: 22.967 min Scan# 4661
Delta R.T. -0.005 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03

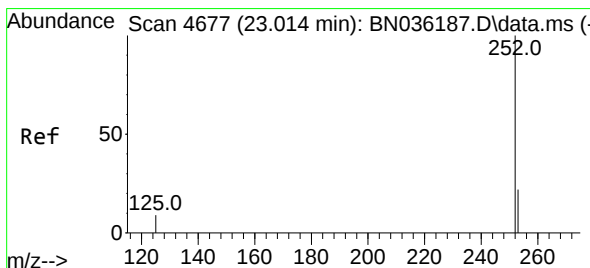
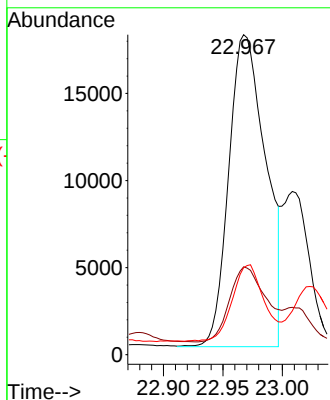
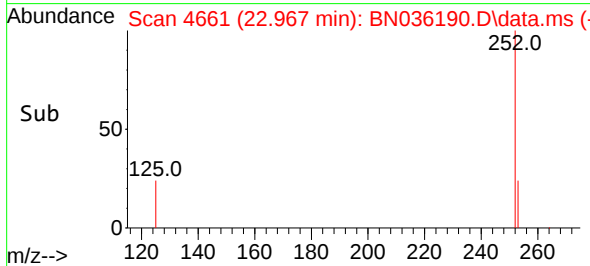
Instrument :
BNA_N
ClientSampleId :
A6304



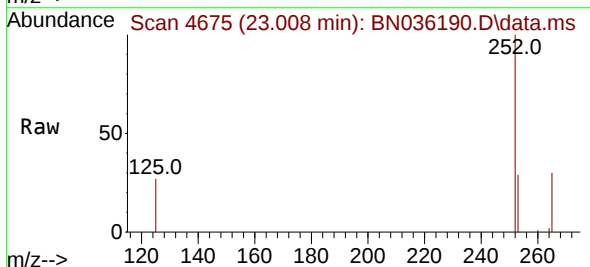
Tgt Ion:252 Resp: 38820
Ion Ratio Lower Upper
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253 27.5 0.0 51.2
125 27.2 0.0 27.8

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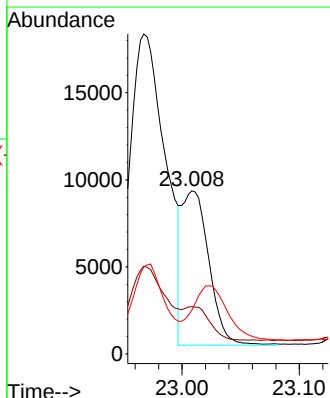
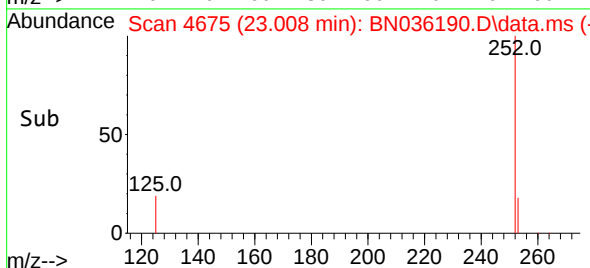
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

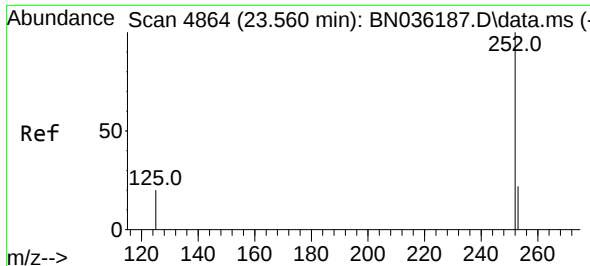


#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul m
RT: 23.008 min Scan# 4675
Delta R.T. -0.011 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03



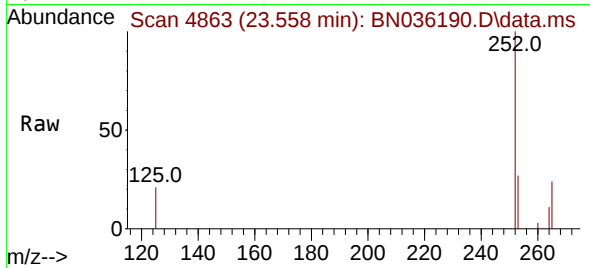
Tgt Ion:252 Resp: 14238
Ion Ratio Lower Upper
252 100
253 29.0 20.2 30.4
125 26.8 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.676 ng/ul
RT: 23.558 min Scan# 4863
Delta R.T. -0.005 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03

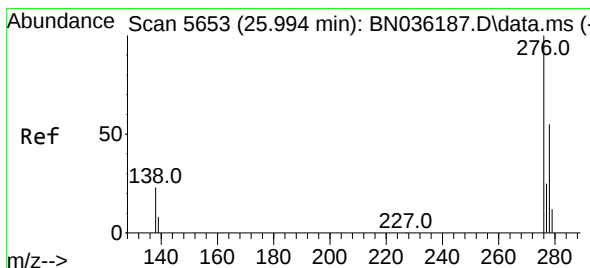
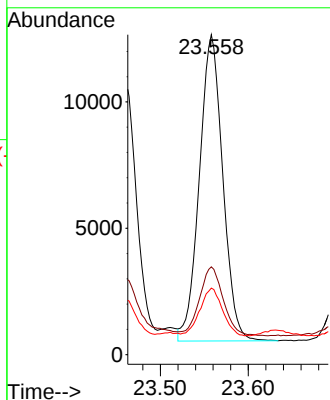
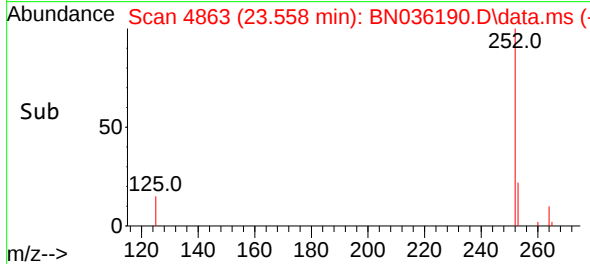
Instrument :
BNA_N
ClientSampleId :
A6304



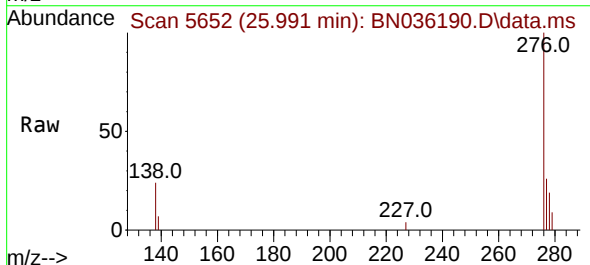
Tgt Ion:252 Resp: 2243
Ion Ratio Lower Upper
252 100
253 27.5 22.2 33.4
125 20.8 13.1 19.7

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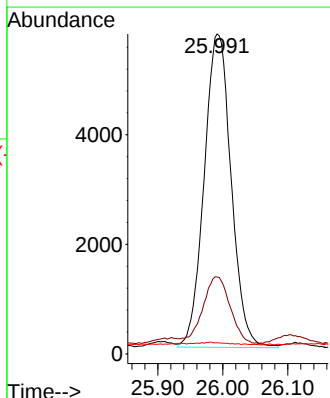
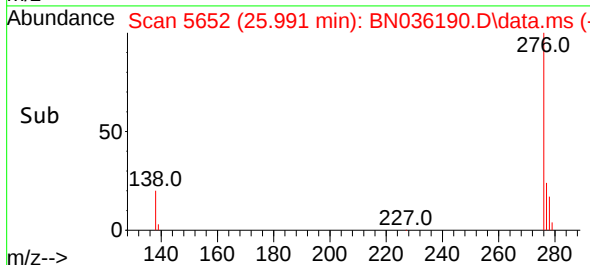
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

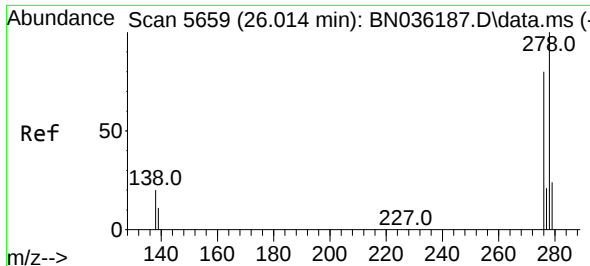


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.991 min Scan# 5652
Delta R.T. -0.013 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03



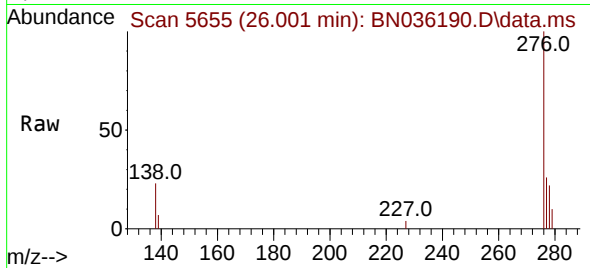
Tgt Ion:276 Resp: 16505
Ion Ratio Lower Upper
276 100
138 21.7 20.2 30.4
227 1.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.001 min Scan# 5655
Delta R.T. -0.020 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03

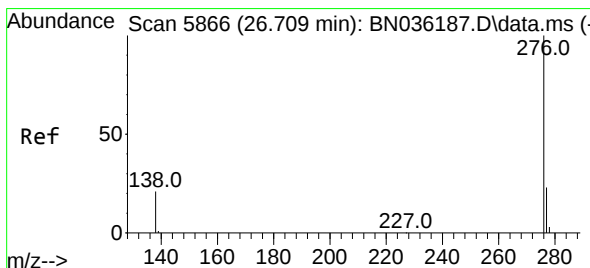
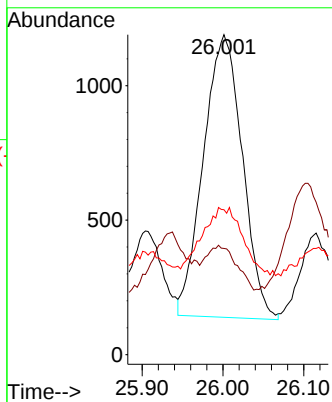
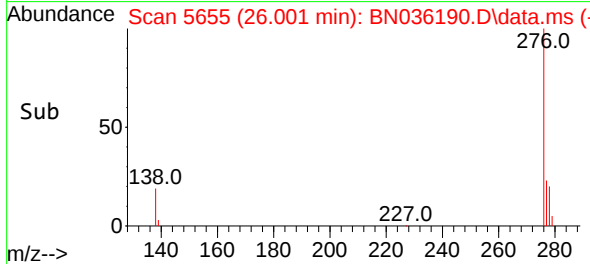
Instrument :
BNA_N
ClientSampleId :
A6304



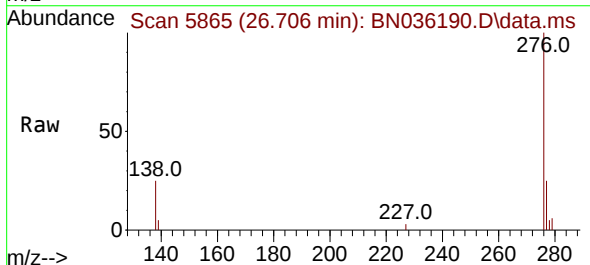
Tgt Ion:278 Resp: 351
Ion Ratio Lower Upper
278 100
139 33.2 15.4 23.2
279 45.3 22.2 33.4

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.472 ng/ul
RT: 26.706 min Scan# 5865
Delta R.T. -0.013 min
Lab File: BN036190.D
Acq: 01 Feb 2025 05:03



Tgt Ion:276 Resp: 16074
Ion Ratio Lower Upper
276 100
138 24.9 19.4 29.0
277 25.4 21.1 31.7

