

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036200.D
 Acq On : 01 Feb 2025 11:05
 Operator : RC/JU
 Sample : Q1224-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6301

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 12:05:10 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	3181	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	8382	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	5256	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.178	188	11617	0.400	ng/ul	-0.01
17) Chrysene-d12	21.366	240	11880	0.400	ng/ul	0.00
23) Perylene-d12	23.657	264	12280	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	8381	2.406	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1543	0.146	ng/ul	-0.02
18) Fluoranthene-d10	19.206	212	2797	0.086	ng/ul	-0.01
Target Compounds						
15) Phenanthrene	17.216	178	4804	0.141	ng/ul	Qvalue 99
19) Fluoranthene	19.238	202	20042	0.444	ng/ul	98
20) Pyrene	19.601	202	16857	0.358	ng/ul	96
21) Benzo(a)anthracene	21.348	228	6721	0.158	ng/ul	96
22) Chrysene	21.401	228	9894	0.228	ng/ul	96
24) Benzo(b)fluoranthene	22.967	252	13462m	0.329	ng/ul	
25) Benzo(k)fluoranthene	23.008	252	4677m	0.109	ng/ul	
26) Benzo(a)pyrene	23.558	252	8163	0.221	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.991	276	5634	0.115	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.995	278	1244	0.033	ng/ul#	3
29) Benzo(g,h,i)perylene	26.706	276	5483	0.144	ng/ul#	88

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

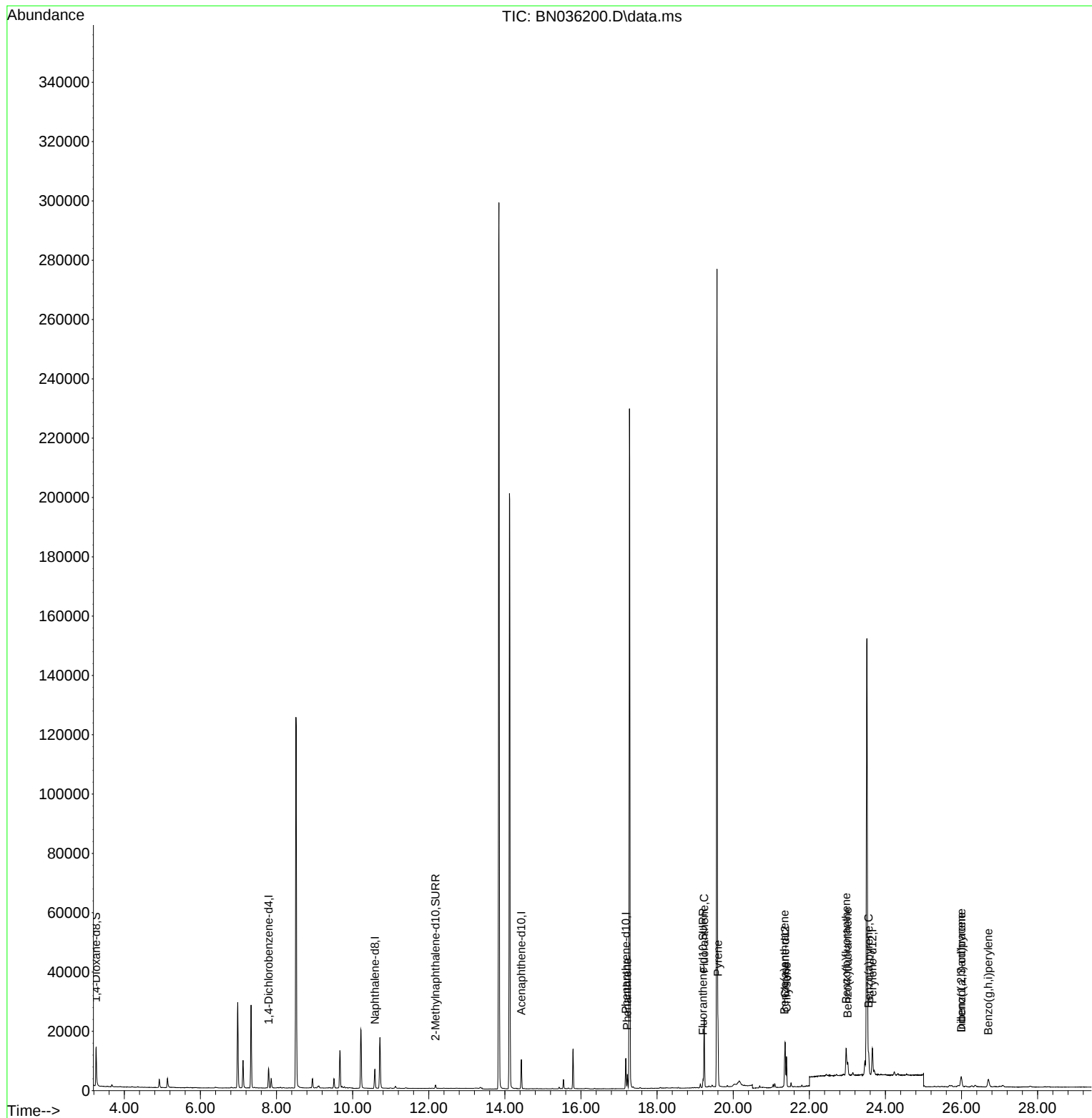
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036200.D
Acq On : 01 Feb 2025 11:05
Operator : RC/JU
Sample : Q1224-01
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ALS Vial : 32 Sample Multiplier: 1

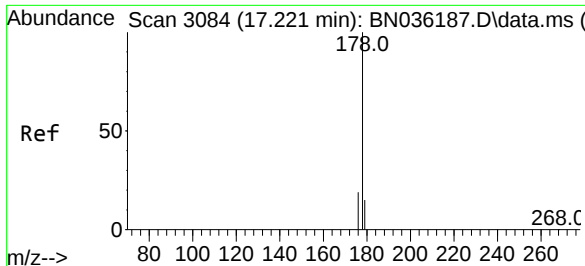
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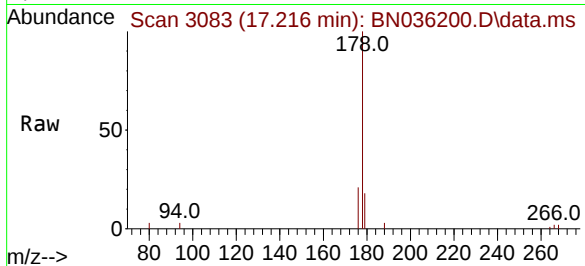
Quant Time: Feb 03 12:05:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.141 ng/ul
RT: 17.216 min Scan# 3083
Delta R.T. -0.017 min
Lab File: BN036200.D
Acq: 01 Feb 2025 11:05

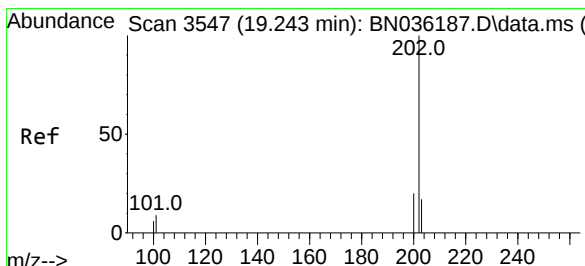
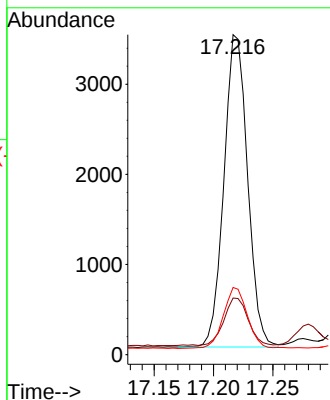
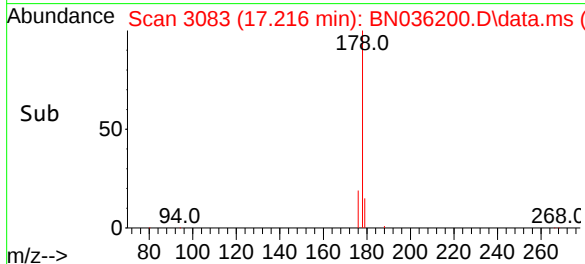
Instrument :
BNA_N
ClientSampleId :
A6301



Tgt Ion:178 Resp: 4804
Ion Ratio Lower Upper
178 100
179 17.7 13.2 19.8
176 21.0 16.8 25.2

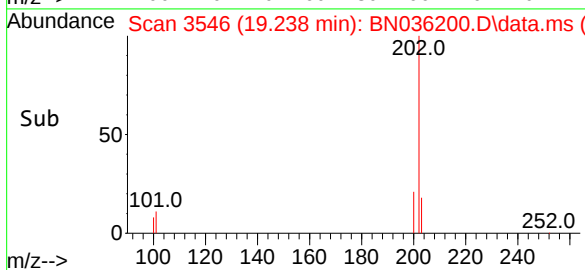
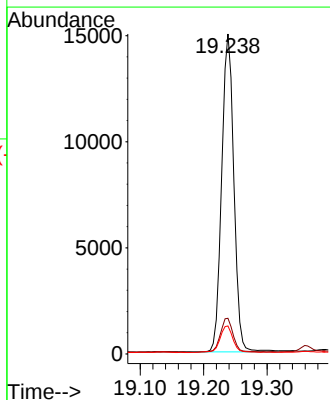
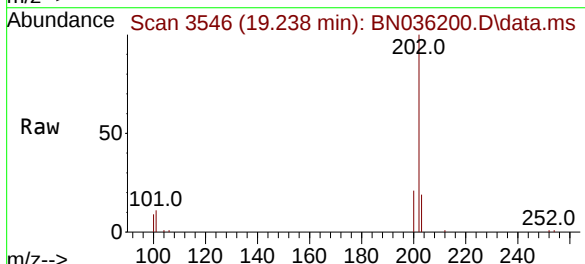
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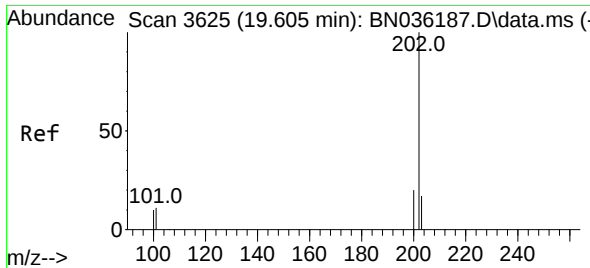
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#19
Fluoranthene
Concen: 0.444 ng/ul
RT: 19.238 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN036200.D
Acq: 01 Feb 2025 11:05

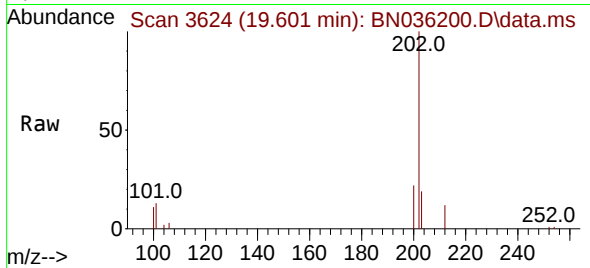
Tgt Ion:202 Resp: 20042
Ion Ratio Lower Upper
202 100
101 11.1 8.4 12.6
100 8.8 6.5 9.7





#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.601 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN036200.D
Acq: 01 Feb 2025 11:05

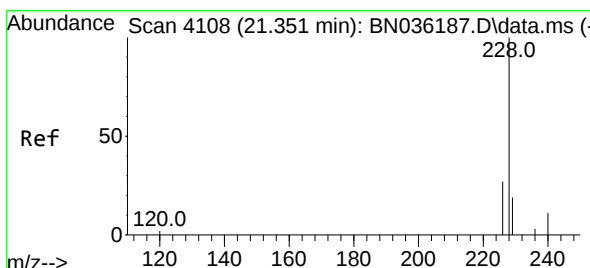
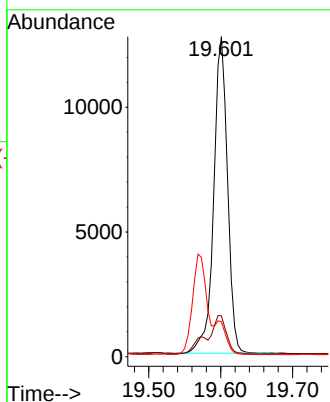
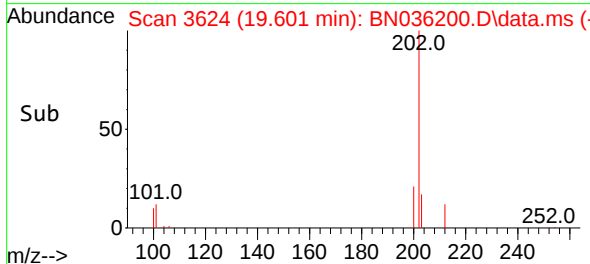
Instrument :
BNA_N
ClientSampleId :
A6301



Tgt Ion:202 Resp: 1685
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 10.9 7.5 11.3

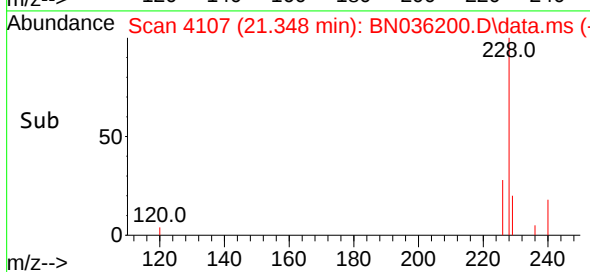
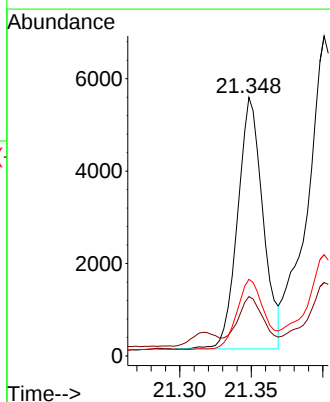
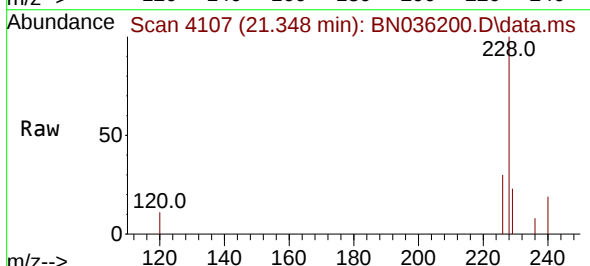
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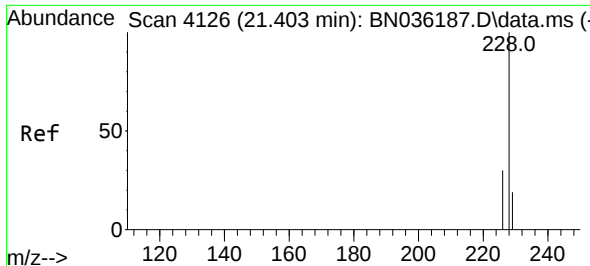
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#21
Benzo(a)anthracene
Concen: 0.158 ng/ul
RT: 21.348 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN036200.D
Acq: 01 Feb 2025 11:05

Tgt Ion:228 Resp: 6721
Ion Ratio Lower Upper
228 100
229 22.9 15.9 23.9
226 29.6 22.8 34.2





#22

Chrysene

Concen: 0.228 ng/ul

RT: 21.401 min Scan# 4125

Delta R.T. -0.005 min

Lab File: BN036200.D

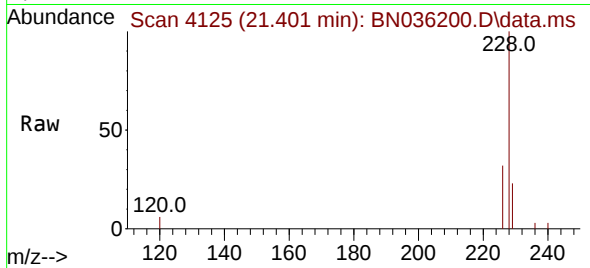
Acq: 01 Feb 2025 11:05

Instrument :

BNA_N

ClientSampleId :

A6301

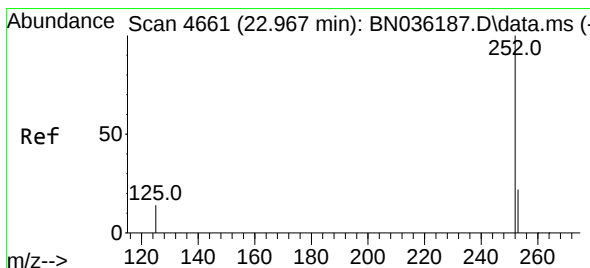
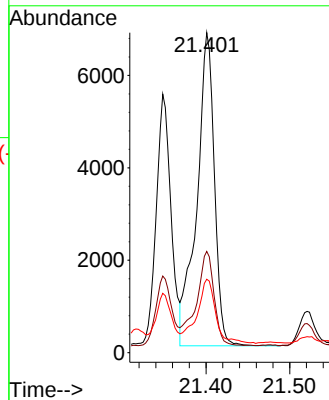
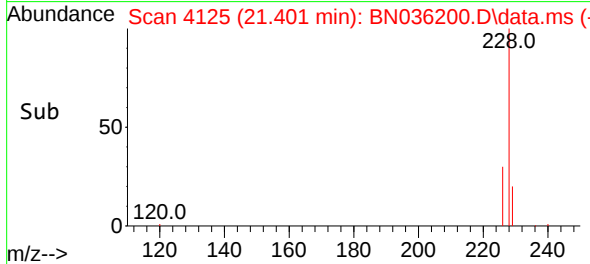


Tgt Ion:	228	Resp:	9894
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.4	36.6
229	23.0	15.9	23.9

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.329 ng/ul m

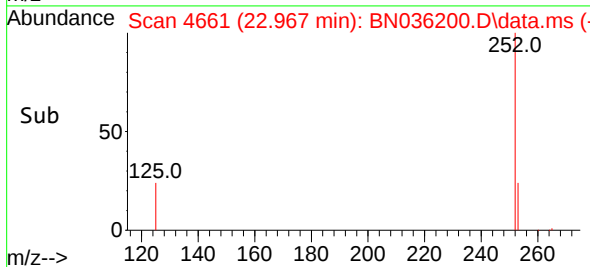
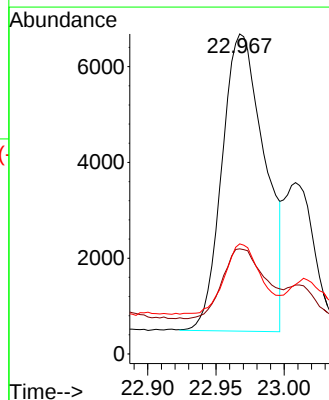
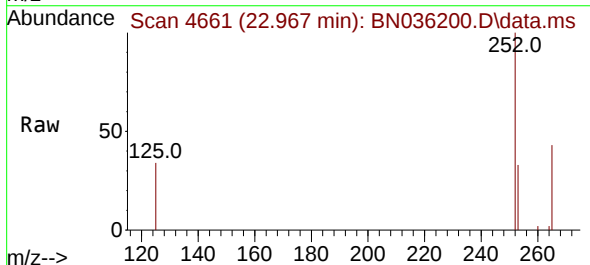
RT: 22.967 min Scan# 4661

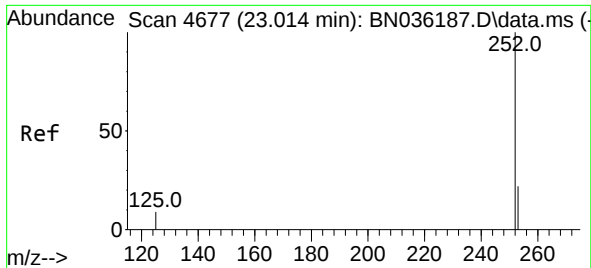
Delta R.T. -0.005 min

Lab File: BN036200.D

Acq: 01 Feb 2025 11:05

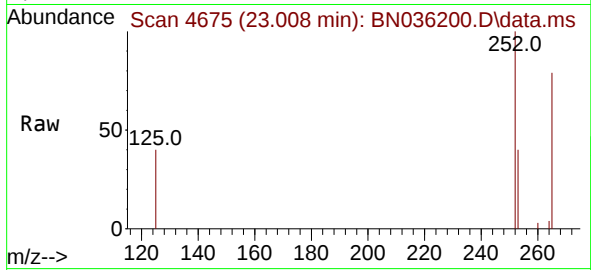
Tgt Ion:	252	Resp:	13462
Ion Ratio	Lower	Upper	
252	100		
253	32.9	0.0	51.2
125	34.4	0.0	27.8#





#25
Benzo(k)fluoranthene
Concen: 0.109 ng/ul m
RT: 23.008 min Scan# 4677
Delta R.T. -0.011 min
Lab File: BN036200.D
Acq: 01 Feb 2025 11:05

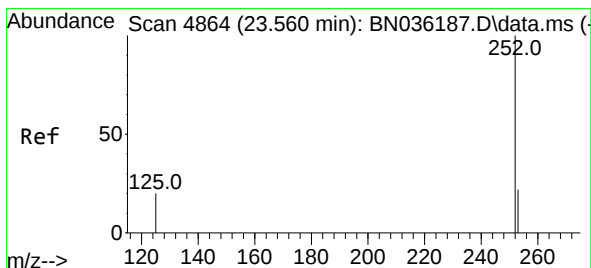
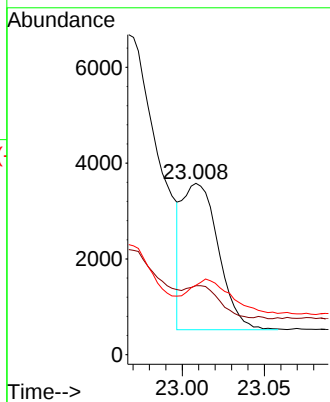
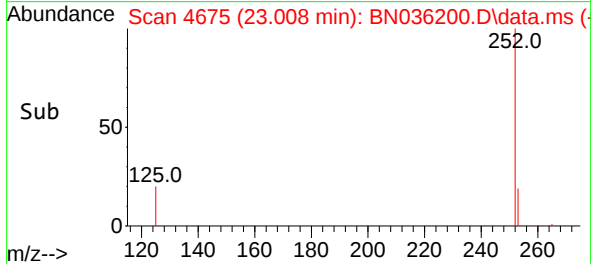
Instrument :
BNA_N
ClientSampleId :
A6301



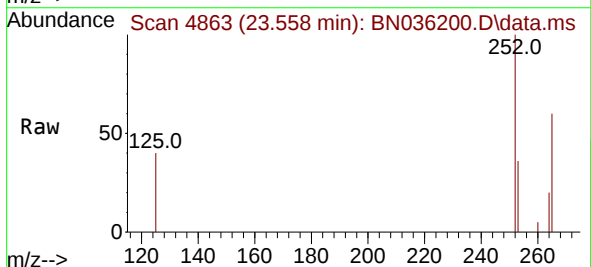
Tgt Ion:252 Resp: 4677
Ion Ratio Lower Upper
252 100
253 40.2 20.2 30.4#
125 40.5 10.6 16.0#

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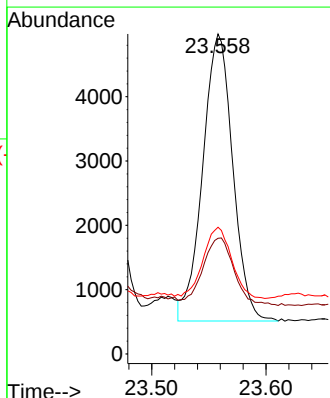
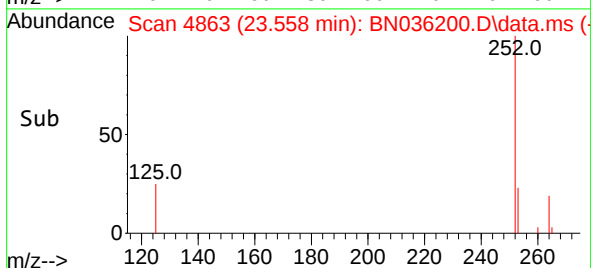
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

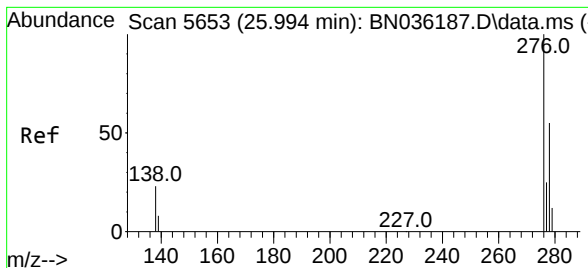


#26
Benzo(a)pyrene
Concen: 0.221 ng/ul
RT: 23.558 min Scan# 4863
Delta R.T. -0.005 min
Lab File: BN036200.D
Acq: 01 Feb 2025 11:05



Tgt Ion:252 Resp: 8163
Ion Ratio Lower Upper
252 100
253 36.2 22.2 33.4#
125 39.6 13.1 19.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.115 ng/ul

RT: 25.991 min Scan# 5653

Delta R.T. -0.013 min

Lab File: BN036200.D

Acq: 01 Feb 2025 11:05

Instrument :

BNA_N

ClientSampleId :

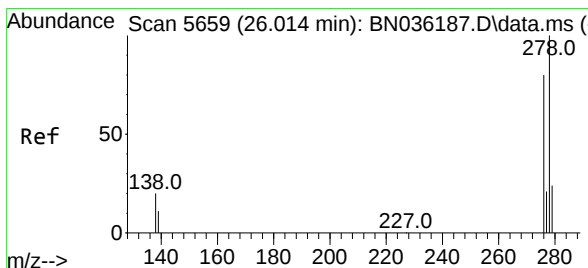
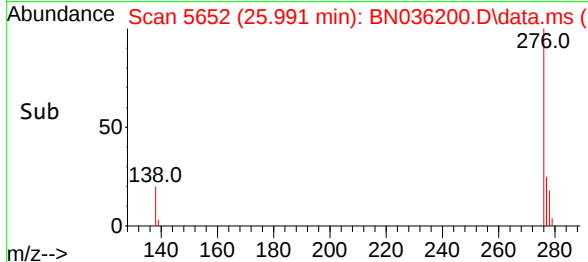
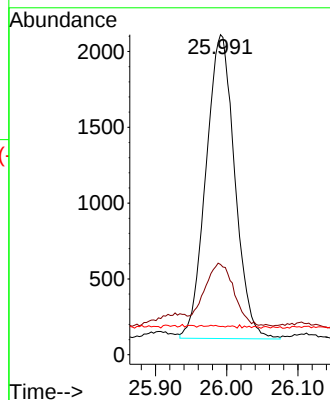
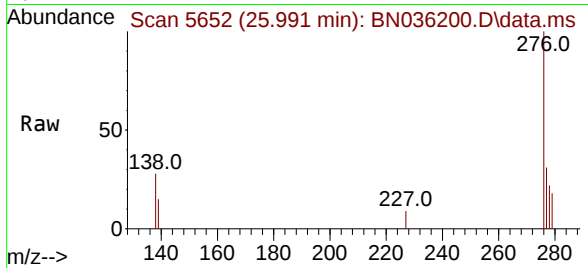
A6301

Tgt Ion:	276	Resp:	5634
Ion Ratio	Lower	Upper	
276	100		
138	21.2	20.2	30.4
227	0.3	0.1	0.1

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.033 ng/ul

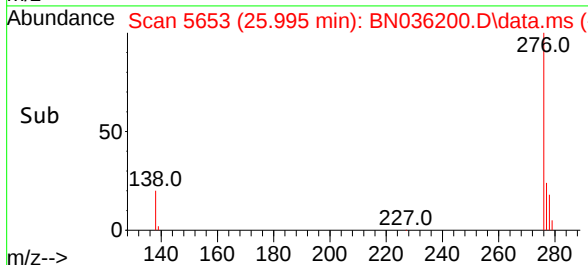
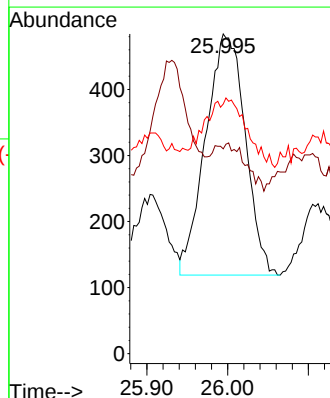
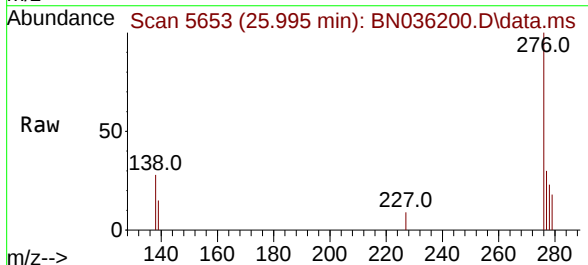
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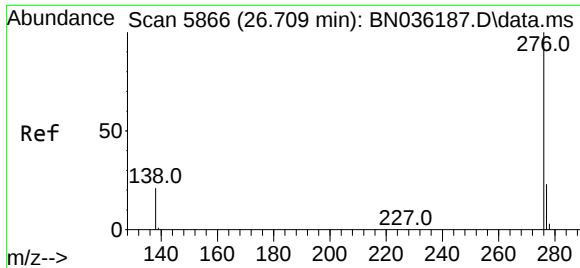
Delta R.T. -0.026 min

Lab File: BN036200.D

Acq: 01 Feb 2025 11:05

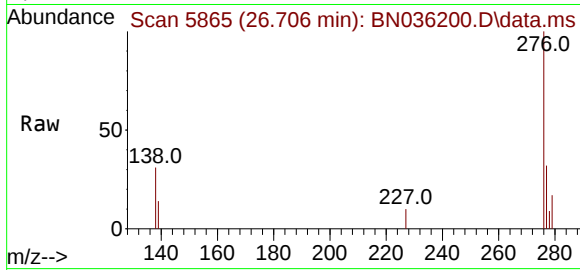
Tgt Ion:	278	Resp:	1244
Ion Ratio	Lower	Upper	
278	100		
139	64.0	15.4	23.2#
279	78.1	22.2	33.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.144 ng/ul
 RT: 26.706 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BN036200.D
 Acq: 01 Feb 2025 11:05

Instrument :
 BNA_N
 ClientSampleId :
 A6301



Tgt Ion:	276	Resp:	548
Ion	Ratio	Lower	Upper
276	100		
138	30.7	19.4	29.0
277	31.6	21.1	31.7

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