

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036236.D
 Acq On : 03 Feb 2025 19:25
 Operator : RC/JU
 Sample : Q1224-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6302DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 04 07:54:38 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 : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3605	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	8655	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.426	164	4840	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.174	188	9408	0.400	ng/ul	0.00
17) Chrysene-d12	21.366	240	8206	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	8616	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1837	0.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.172	152	243	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.206	212	286	0.013	ng/ul	0.00
Target Compounds						
						Qvalue
15) Phenanthrene	17.217	178	3868	0.140	ng/ul	98
19) Fluoranthene	19.234	202	14647	0.470	ng/ul	96
20) Pyrene	19.601	202	12253	0.376	ng/ul	98
21) Benzo(a)anthracene	21.348	228	4497	0.154	ng/ul	96
22) Chrysene	21.401	228	7046	0.235	ng/ul	97
24) Benzo(b)fluoranthene	22.967	252	9387m	0.326	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	3650m	0.121	ng/ul	
26) Benzo(a)pyrene	23.558	252	5644	0.217	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.991	276	4747	0.138	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.998	278	1061	0.040	ng/ul#	15
29) Benzo(g,h,i)perylene	26.706	276	4896	0.184	ng/ul#	93

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

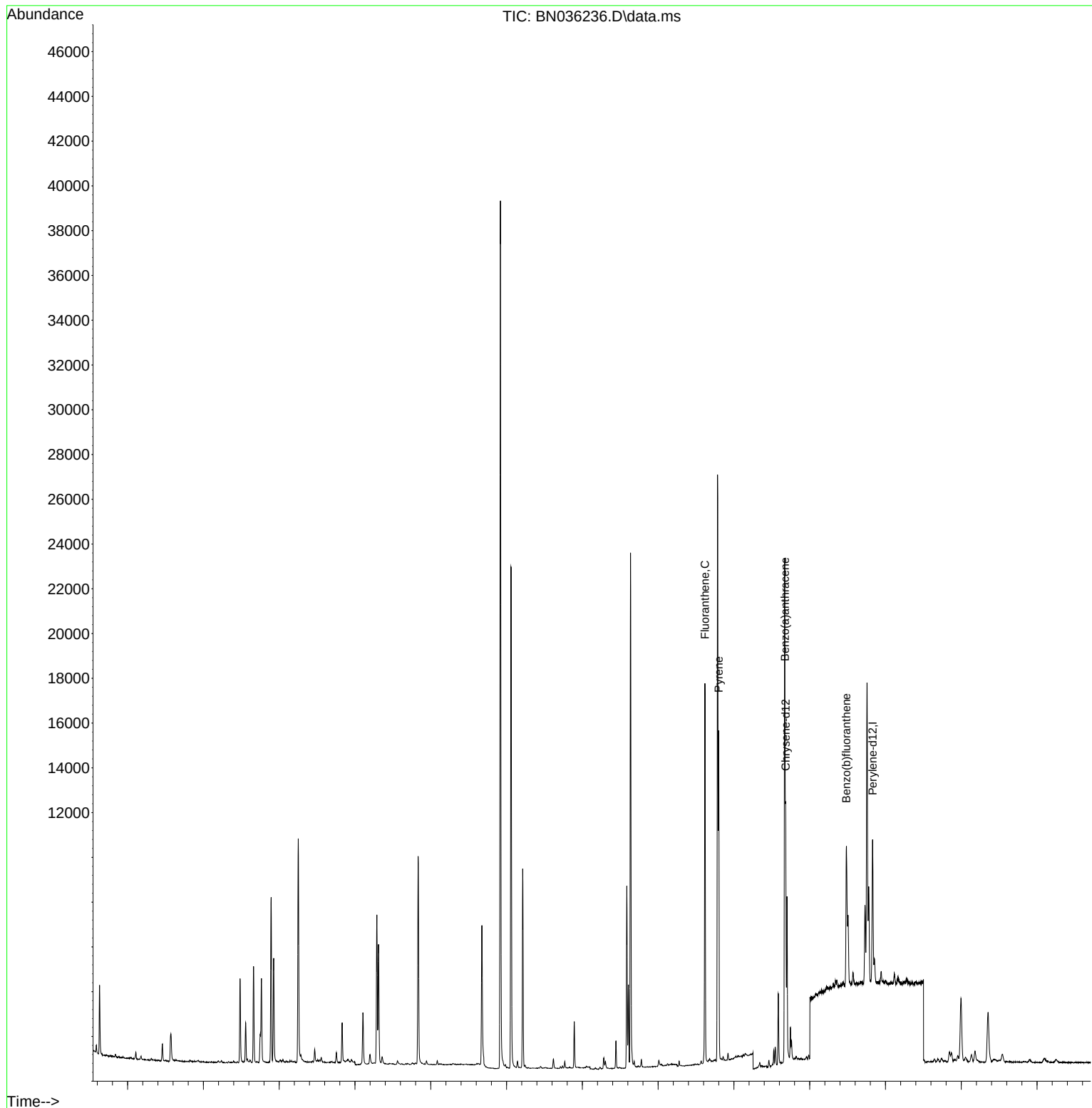
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036236.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

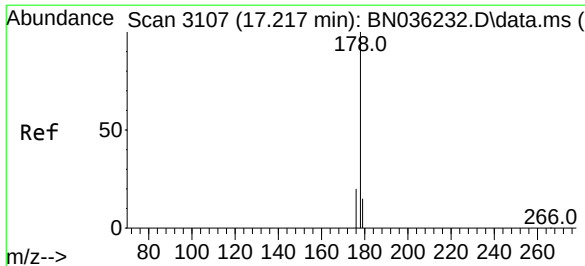
Instrument :
BNA_N
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A6302DL

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Quant Time: Feb 04 07:54:38 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 : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.140 ng/u1

RT: 17.217 min Scan# 3107

Delta R.T. 0.004 min

Lab File: BN036236.D

Acq: 03 Feb 2025 19:25

Instrument :

BNA_N

ClientSampleId :

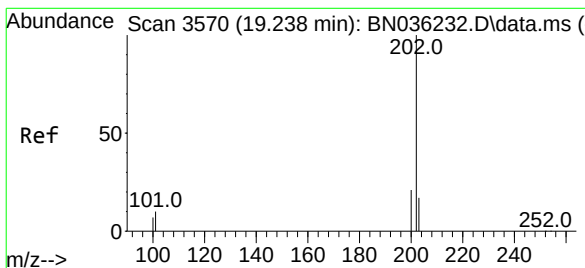
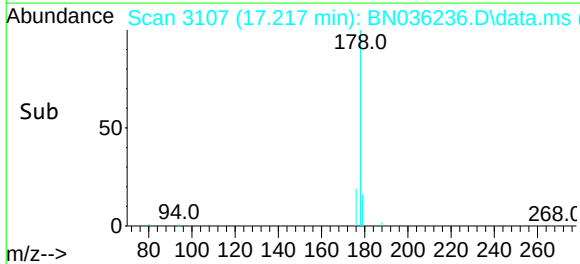
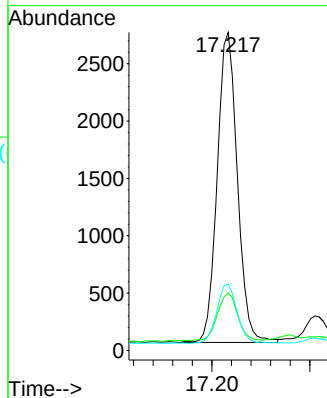
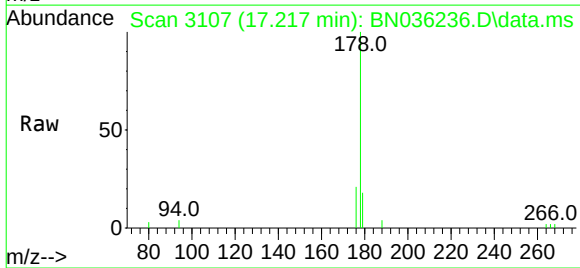
A6302DL

Tgt	Ion:178	Resp:	3868
Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.2	19.8
176	20.9	16.8	25.2

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#19

Fluoranthene

Concen: 0.470 ng/u1

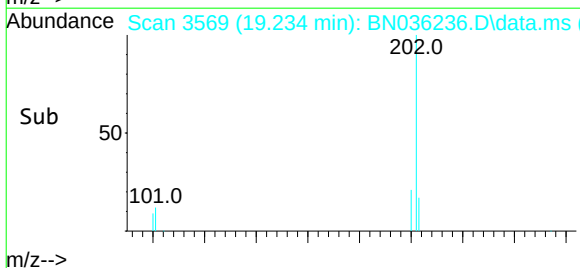
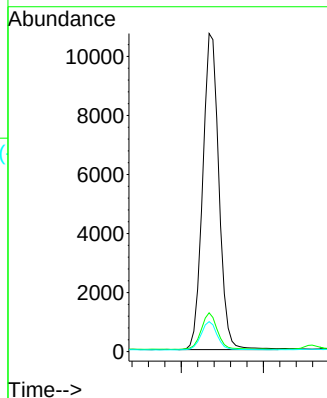
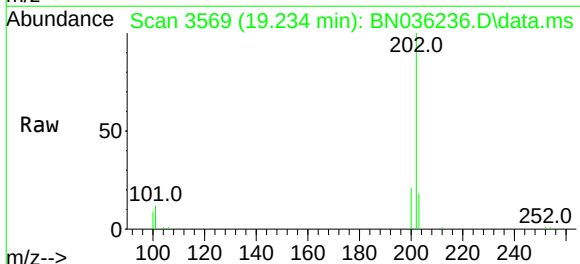
RT: 19.234 min Scan# 3569

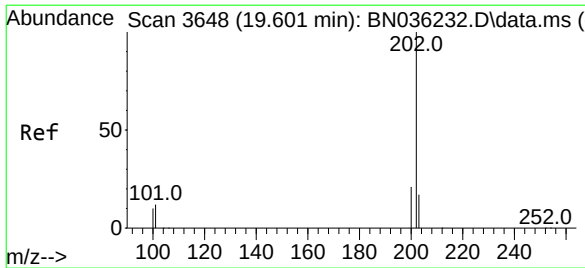
Delta R.T. 0.000 min

Lab File: BN036236.D

Acq: 03 Feb 2025 19:25

Tgt	Ion:202	Resp:	14647
Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.4	12.6
100	9.4	6.5	9.7





#20

Pyrene

Concen: 0.376 ng/u1

RT: 19.601 min Scan# 3648

Delta R.T. 0.005 min

Lab File: BN036236.D

Acq: 03 Feb 2025 19:25

Instrument :

BNA_N

ClientSampleId :

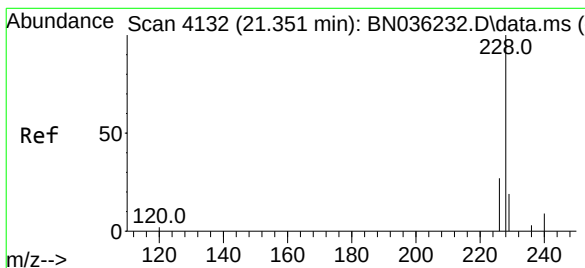
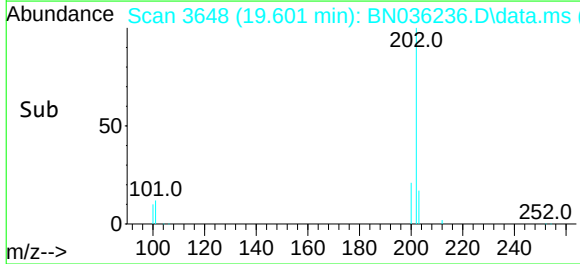
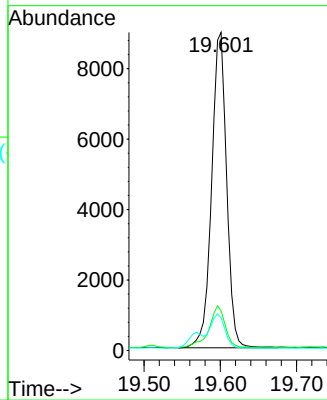
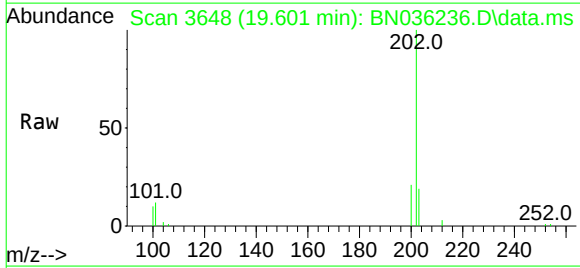
A6302DL

Tgt	Ion:202	Resp:	12253
Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.3	13.9
100	10.3	7.5	11.3

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#21

Benzo(a)anthracene

Concen: 0.154 ng/u1

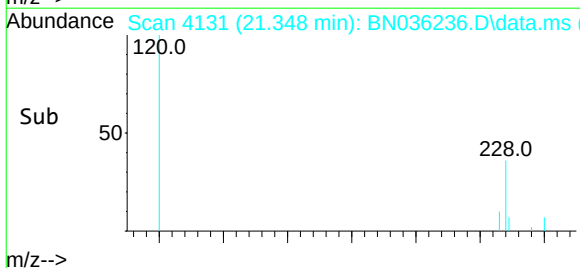
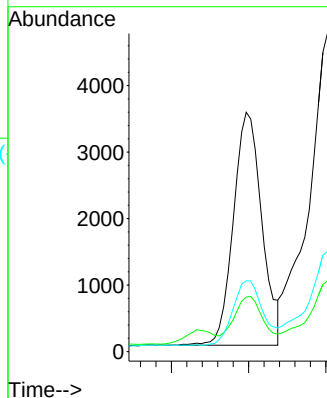
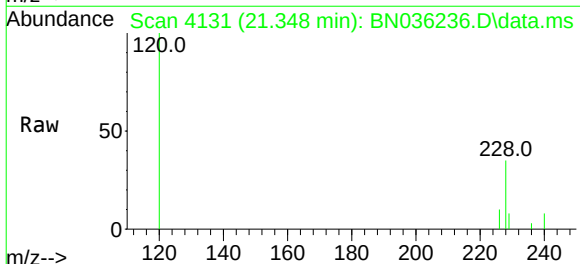
RT: 21.348 min Scan# 4131

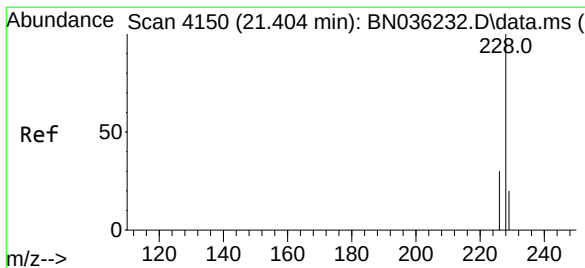
Delta R.T. 0.003 min

Lab File: BN036236.D

Acq: 03 Feb 2025 19:25

Tgt	Ion:228	Resp:	4497
Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.9	23.9
226	29.6	22.8	34.2





#22

Chrysene

Concen: 0.235 ng/u1

RT: 21.401 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN036236.D

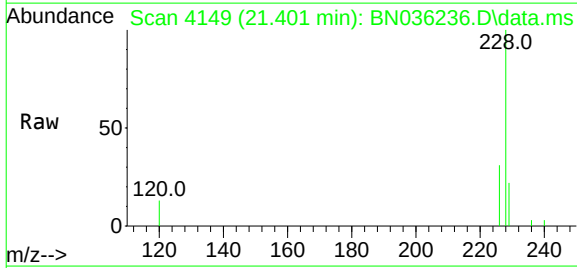
Acq: 03 Feb 2025 19:25

Instrument :

BNA_N

ClientSampleId :

A6302DL



Tgt Ion:228 Resp: 7046

Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

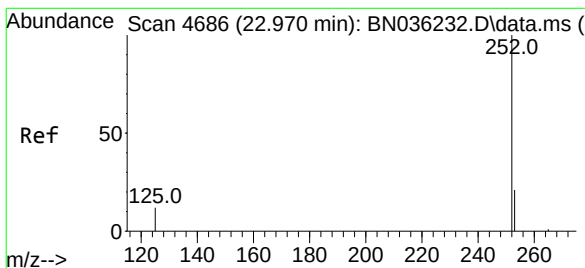
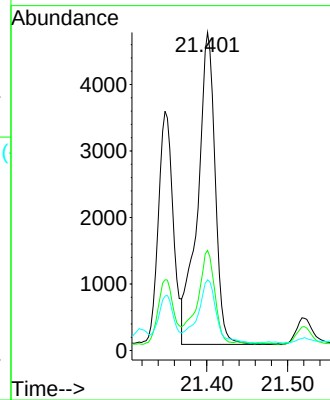
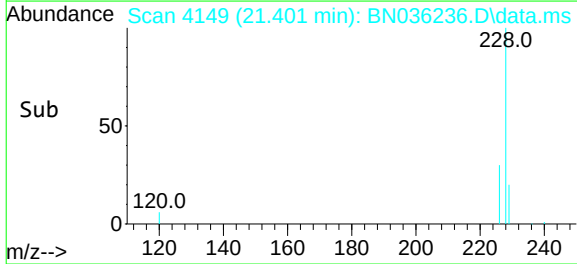
229 22.2 15.9 23.9

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#24

Benzo(b)fluoranthene

Concen: 0.326 ng/u1 m

RT: 22.967 min Scan# 4685

Delta R.T. 0.006 min

Lab File: BN036236.D

Acq: 03 Feb 2025 19:25

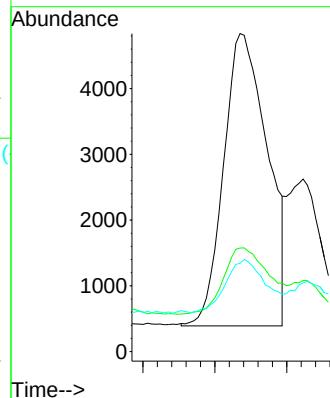
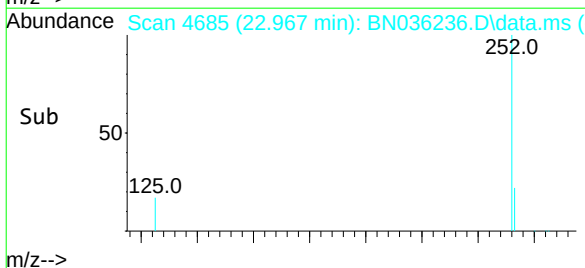
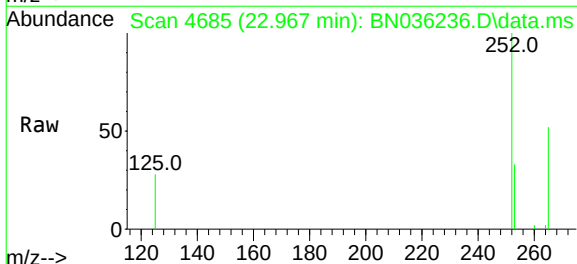
Tgt Ion:252 Resp: 9387

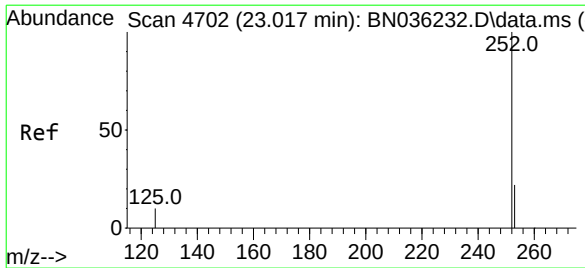
Ion Ratio Lower Upper

252 100

253 32.6 0.0 51.2

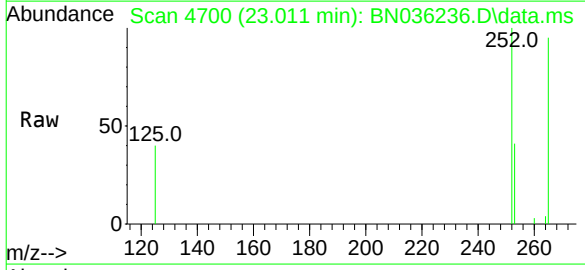
125 27.8 0.0 27.8





#25
Benzo(k)fluoranthene
Concen: 0.121 ng/u1 m
RT: 23.011 min Scan# 4702
Delta R.T. 0.003 min
Lab File: BN036236.D
Acq: 03 Feb 2025 19:25

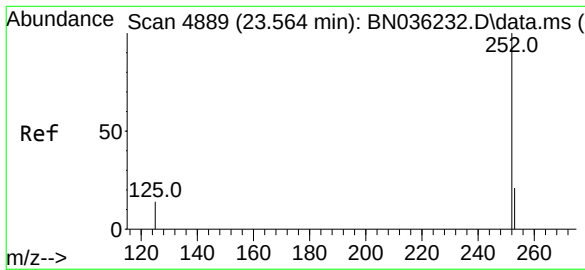
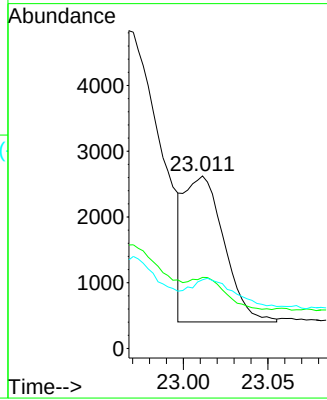
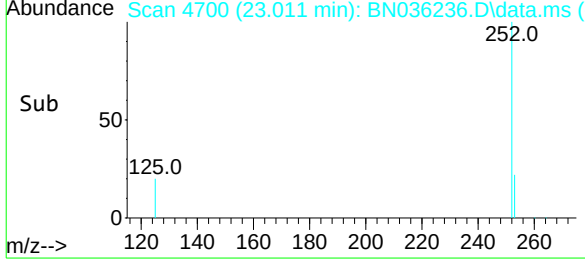
Instrument :
BNA_N
ClientSampleId :
A6302DL



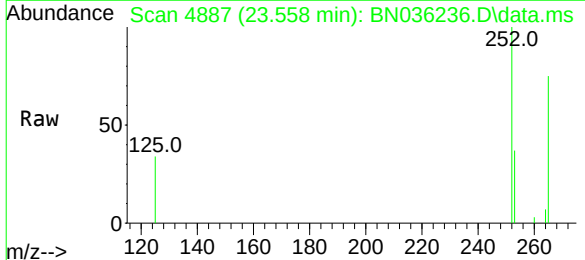
Tgt Ion:252 Resp: 3650
Ion Ratio Lower Upper
252 100
253 41.2 20.2 30.4#
125 39.8 10.6 16.0#

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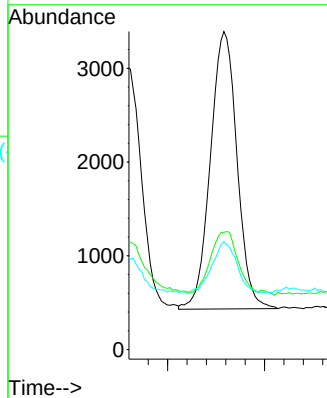
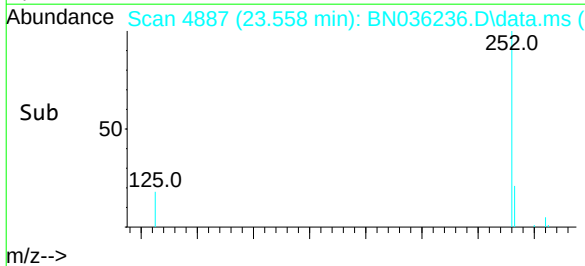
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

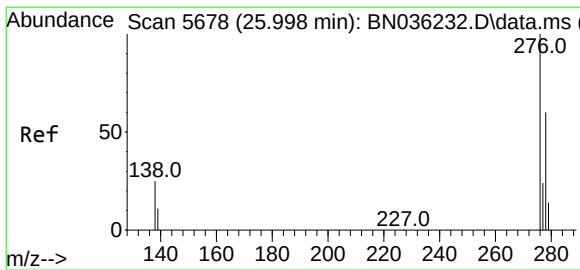


#26
Benzo(a)pyrene
Concen: 0.217 ng/u1
RT: 23.558 min Scan# 4887
Delta R.T. 0.003 min
Lab File: BN036236.D
Acq: 03 Feb 2025 19:25



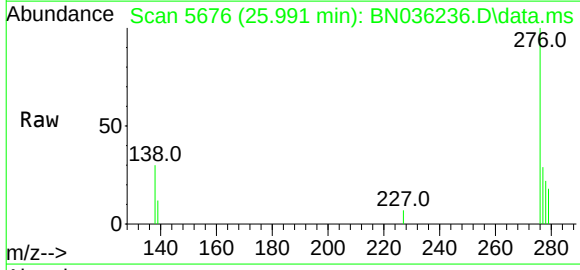
Tgt Ion:252 Resp: 5644
Ion Ratio Lower Upper
252 100
253 36.9 22.2 33.4#
125 33.9 13.1 19.7#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.138 ng/ul
 RT: 25.991 min Scan# 5676
 Delta R.T. 0.003 min
 Lab File: BN036236.D
 Acq: 03 Feb 2025 19:25

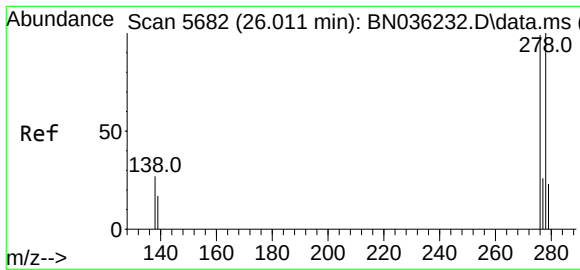
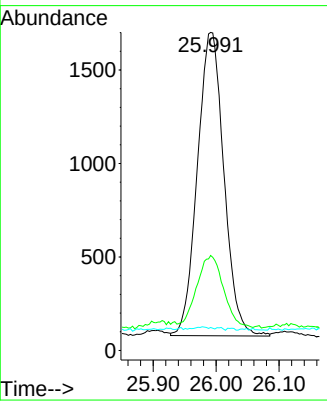
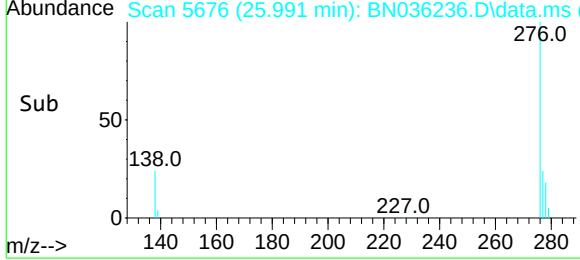
Instrument :
 BNA_N
 ClientSampleId :
 A6302DL



Tgt Ion:	276	Resp:	4747
Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.2	30.4
227	0.5	0.1	0.1

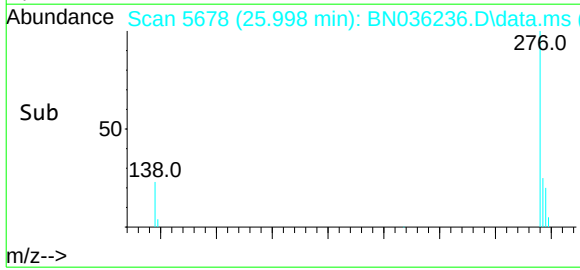
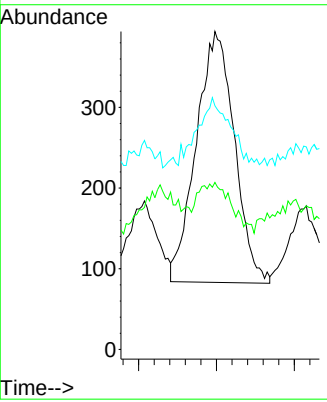
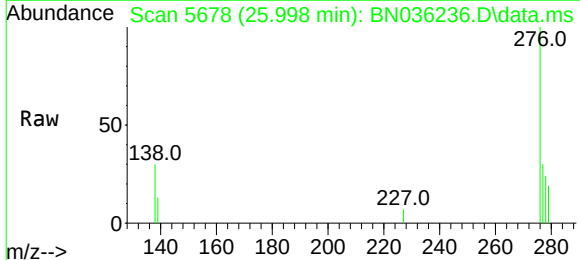
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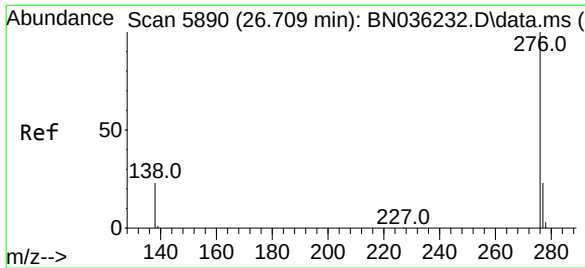
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025



#28
 Dibenzo(a,h)anthracene
 Concen: 0.040 ng/ul
 RT: 25.998 min Scan# 5678
 Delta R.T. 0.000 min
 Lab File: BN036236.D
 Acq: 03 Feb 2025 19:25

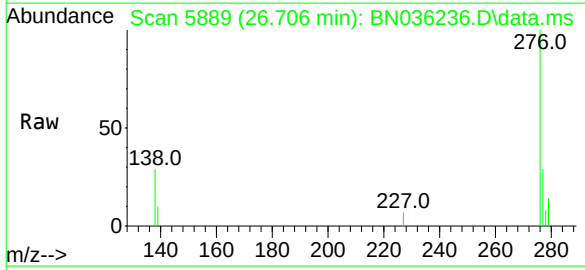
Tgt Ion:	278	Resp:	1061
Ion	Ratio	Lower	Upper
278	100		
139	52.5	15.4	23.2
279	76.6	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.184 ng/ul
RT: 26.706 min Scan# 5890
Delta R.T. 0.003 min
Lab File: BN036236.D
Acq: 03 Feb 2025 19:25

Instrument :
BNA_N
ClientSampleId :
A6302DL



Tgt	Ion	276	Resp:	4896
Ion	Ratio	Lower	Upper	
276	100			
138	29.3	19.4	29.0	#
277	28.6	21.1	31.7	

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