

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036239.D
 Acq On : 03 Feb 2025 21:13
 Operator : RC/JU
 Sample : Q1224-11DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6309DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 08:05:08 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	3447	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	8614	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	5103	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	10847	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	9652	0.400	ng/ul	0.00
23) Perylene-d12	23.657	264	9243	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1361	0.361	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	233	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.207	212	435	0.016	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.488	153	633	0.036	ng/ul	97
12) Fluorene	15.478	166	1021	0.052	ng/ul#	98
15) Phenanthrene	17.217	178	34025	1.071	ng/ul	97
16) Anthracene	17.306	178	3897	0.132	ng/ul	97
19) Fluoranthene	19.235	202	93712	2.555	ng/ul	99
20) Pyrene	19.597	202	65709	1.716	ng/ul	96
21) Benzo(a)anthracene	21.348	228	26930	0.782	ng/ul	99
22) Chrysene	21.400	228	34713	0.986	ng/ul	98
24) Benzo(b)fluoranthene	22.970	252	41684m	1.351	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	15857m	0.489	ng/ul	
26) Benzo(a)pyrene	23.557	252	15954	0.573	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.987	276	13896	0.377	ng/ul	97
28) Dibenzo(a,h)anthracene	26.001	278	3990	0.141	ng/ul#	76
29) Benzo(g,h,i)perylene	26.708	276	2013	0.070	ng/ul#	70

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

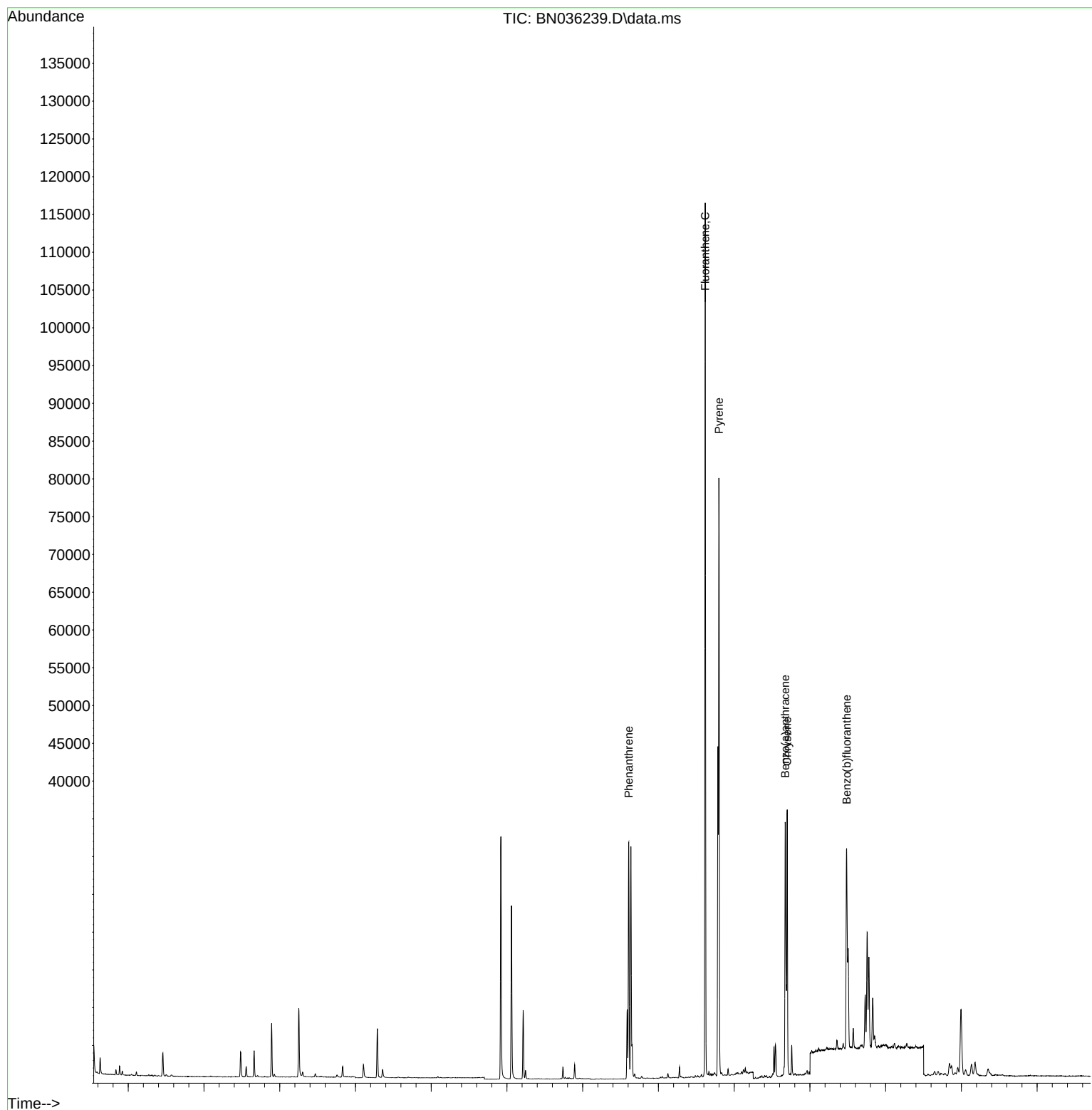
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036239.D
Acq On : 03 Feb 2025 21:13
Operator : RC/JU
Sample : Q1224-11DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

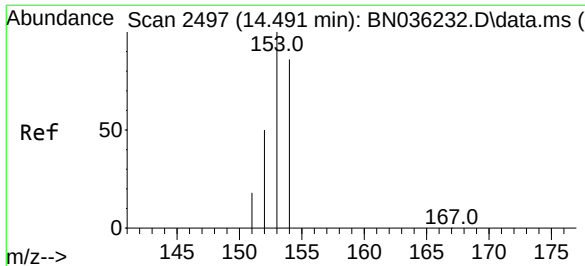
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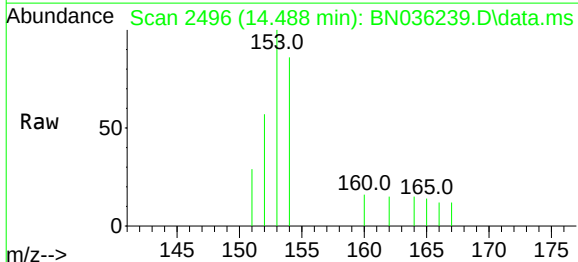
Quant Time: Feb 04 08:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.488 min Scan# 2496
Delta R.T. -0.004 min
Lab File: BN036239.D
Acq: 03 Feb 2025 21:13

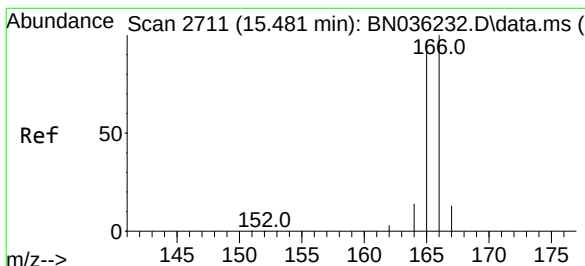
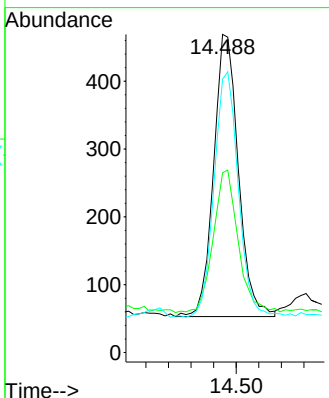
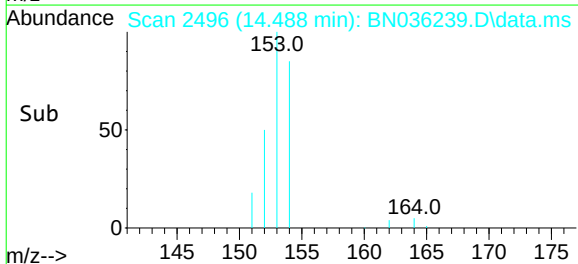
Instrument :
BNA_N
ClientSampleId :
A6309DL



Tgt Ion:	153	Resp:	633
Ion Ratio	Lower	Upper	
153	100		
152	56.5	43.2	64.8
154	85.9	70.5	105.7

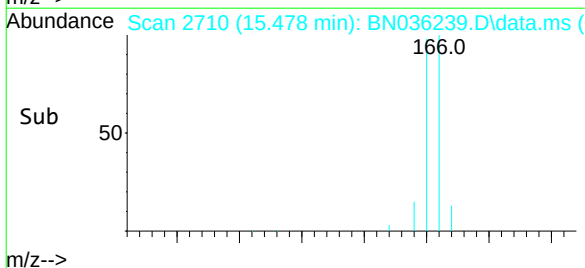
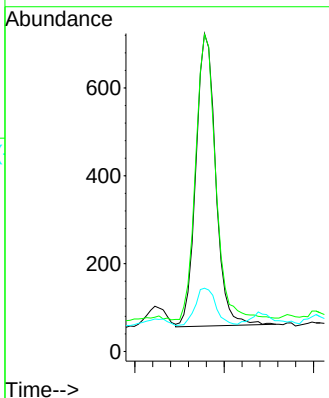
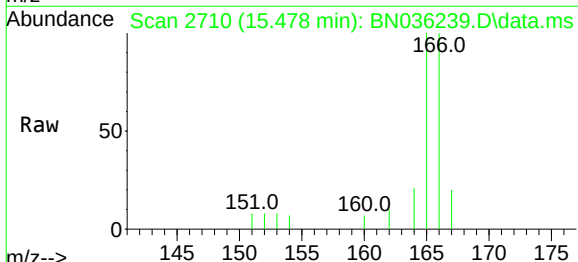
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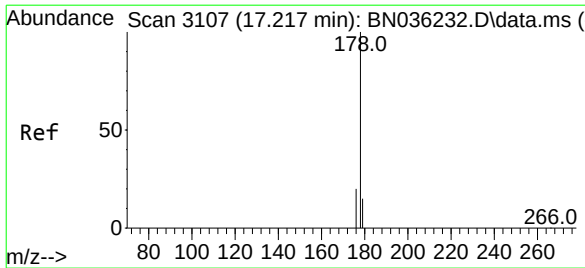
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#12
Fluorene
Concen: 0.052 ng/u1
RT: 15.478 min Scan# 2710
Delta R.T. 0.001 min
Lab File: BN036239.D
Acq: 03 Feb 2025 21:13

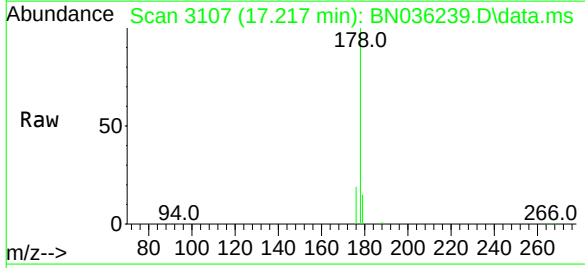
Tgt Ion:	166	Resp:	1021
Ion Ratio	Lower	Upper	
166	100		
165	99.7	80.3	120.5
167	19.9	12.3	18.5#





#15
Phenanthrene
Concen: 1.071 ng/u1
RT: 17.217 min Scan# 3107
Delta R.T. 0.005 min
Lab File: BN036239.D
Acq: 03 Feb 2025 21:13

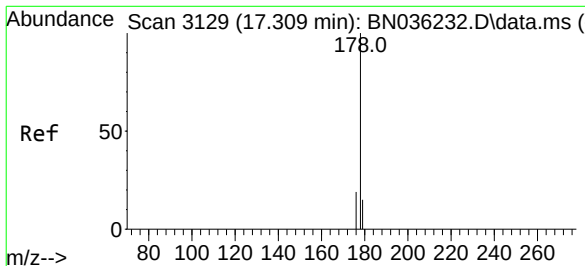
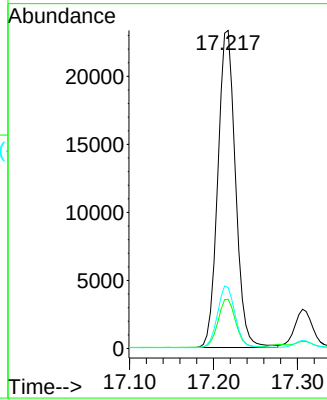
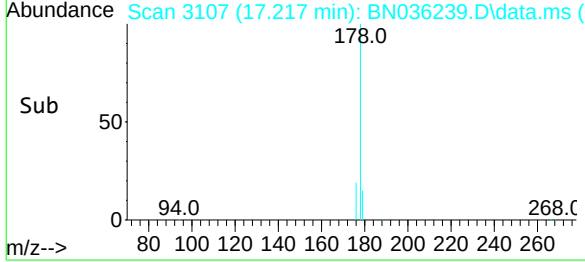
Instrument :
BNA_N
ClientSampleId :
A6309DL



Tgt Ion:	178	Resp:	34025
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.2	19.8
176	19.1	16.8	25.2

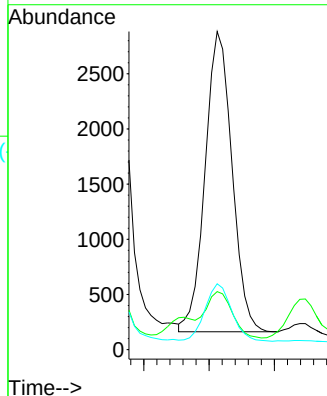
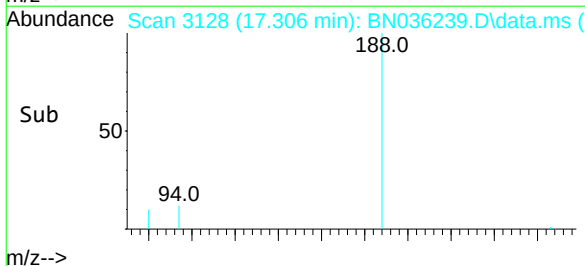
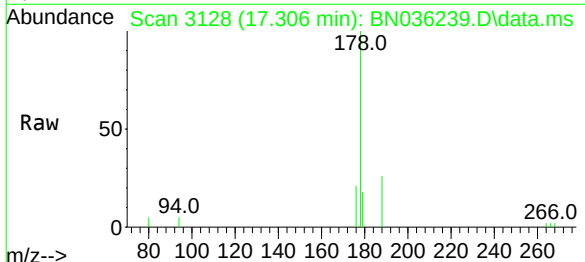
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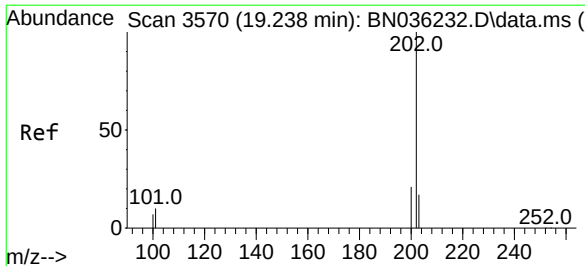
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#16
Anthracene
Concen: 0.132 ng/u1
RT: 17.306 min Scan# 3128
Delta R.T. 0.001 min
Lab File: BN036239.D
Acq: 03 Feb 2025 21:13

Tgt Ion:	178	Resp:	3897
Ion Ratio	Lower	Upper	
178	100		
179	18.2	13.0	19.4
176	20.7	15.9	23.9





#19

Fluoranthene

Concen: 2.555 ng/u1

RT: 19.235 min Scan# 3570

Delta R.T. 0.001 min

Lab File: BN036239.D

Acq: 03 Feb 2025 21:13

Instrument :

BNA_N

ClientSampleId :

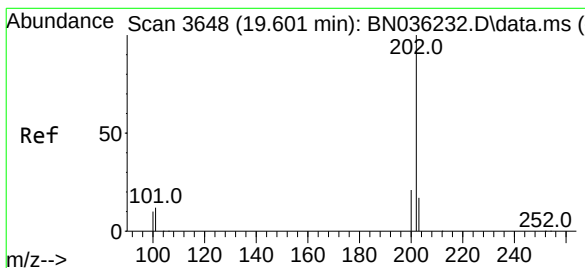
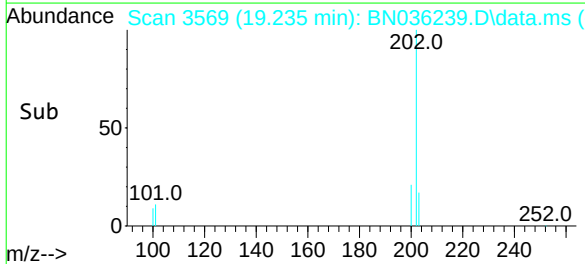
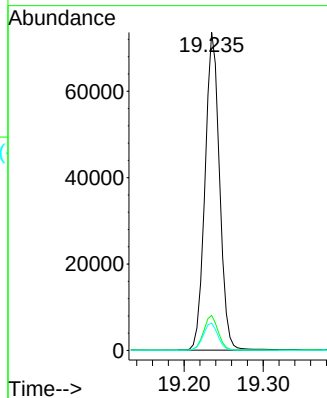
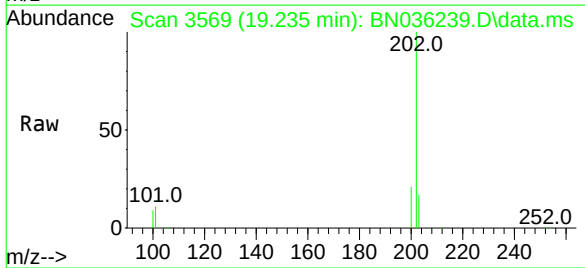
A6309DL

Tgt Ion:	202	Resp:	93712
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.4	12.6
100	8.6	6.5	9.7

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#20

Pyrene

Concen: 1.716 ng/u1

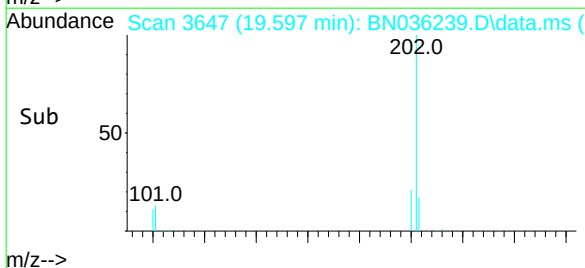
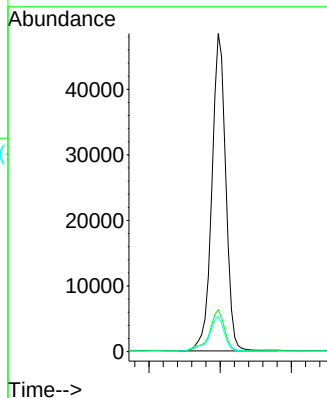
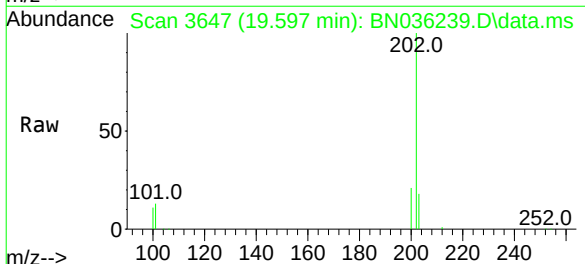
RT: 19.597 min Scan# 3647

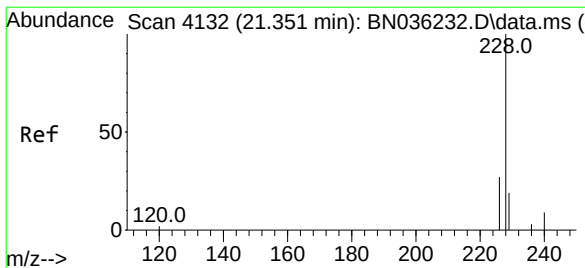
Delta R.T. 0.001 min

Lab File: BN036239.D

Acq: 03 Feb 2025 21:13

Tgt Ion:	202	Resp:	65709
Ion Ratio	Lower	Upper	
202	100		
101	13.2	9.3	13.9
100	11.0	7.5	11.3





#21

Benzo(a)anthracene

Concen: 0.782 ng/u1

RT: 21.348 min Scan# 41

Delta R.T. 0.002 min

Lab File: BN036239.D

Acq: 03 Feb 2025 21:13

Instrument :

BN_A_N

ClientSampleId :

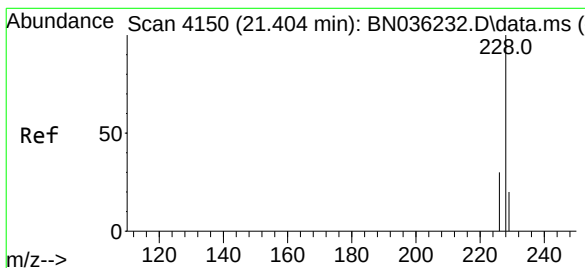
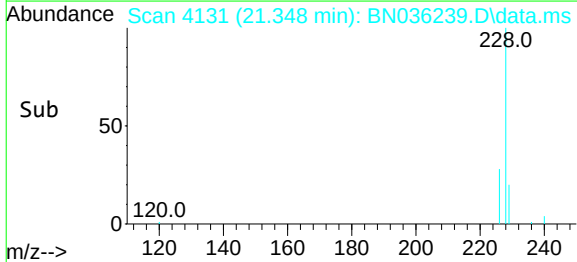
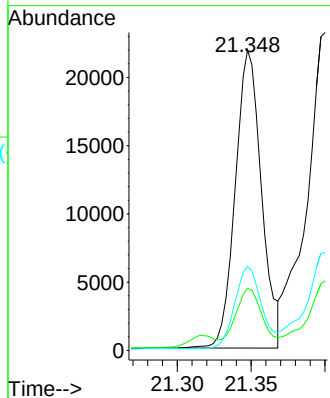
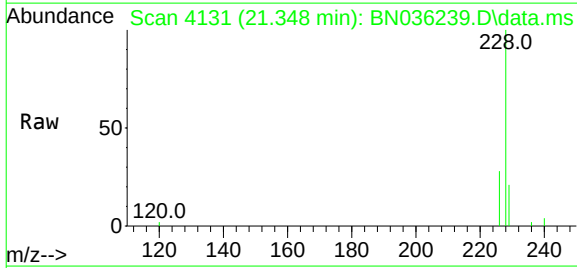
A6309DL

Tgt	Ion:228	Resp:	26930
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	28.0	22.8	34.2

Manual Integrations

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#22

Chrysene

Concen: 0.986 ng/u1

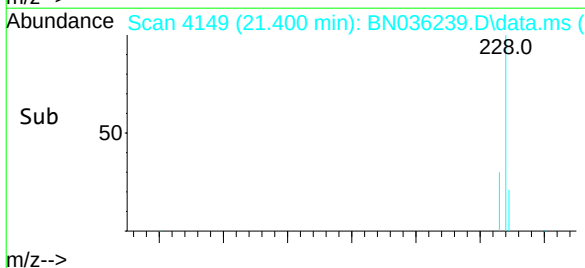
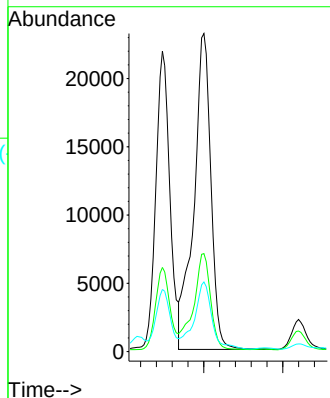
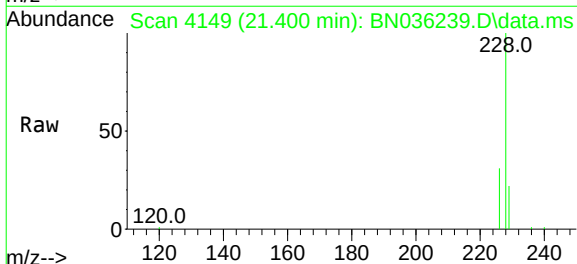
RT: 21.400 min Scan# 4149

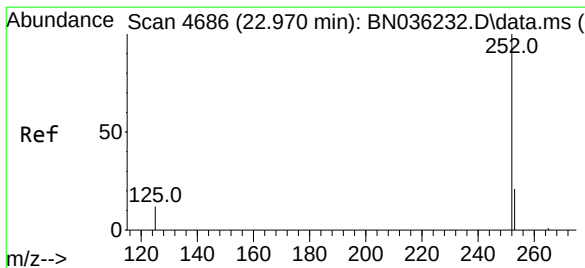
Delta R.T. 0.002 min

Lab File: BN036239.D

Acq: 03 Feb 2025 21:13

Tgt	Ion:228	Resp:	34713
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	21.9	15.9	23.9





#24

Benzo(b)fluoranthene

Concen: 1.351 ng/u1 m

RT: 22.970 min Scan# 4686

Delta R.T. 0.008 min

Lab File: BN036239.D

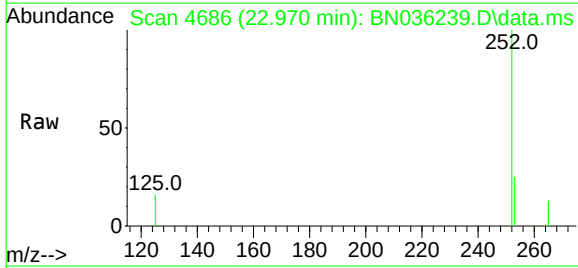
Acq: 03 Feb 2025 21:13

Instrument :

BNA_N

ClientSampleId :

A6309DL



Tgt Ion:252 Resp: 41684

Ion Ratio Lower Upper

252 100

253 25.2 0.0 51.2

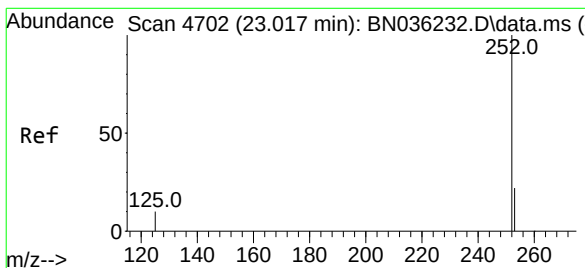
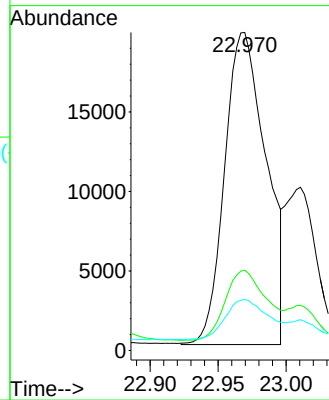
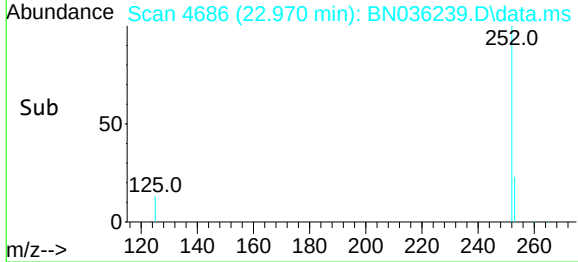
125 16.1 0.0 27.8

Manual Integrations

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Supervised By :mohammad ahmed 02/07/2025



#25

Benzo(k)fluoranthene

Concen: 0.489 ng/u1 m

RT: 23.011 min Scan# 4700

Delta R.T. 0.002 min

Lab File: BN036239.D

Acq: 03 Feb 2025 21:13

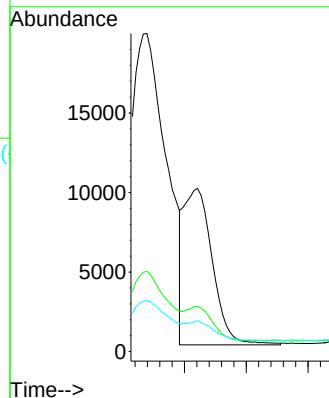
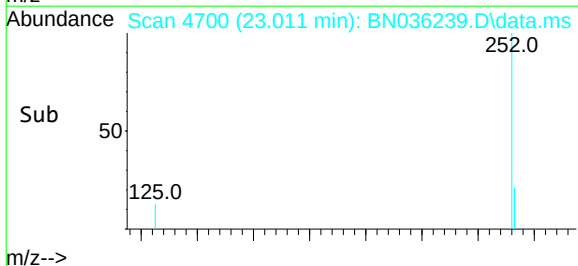
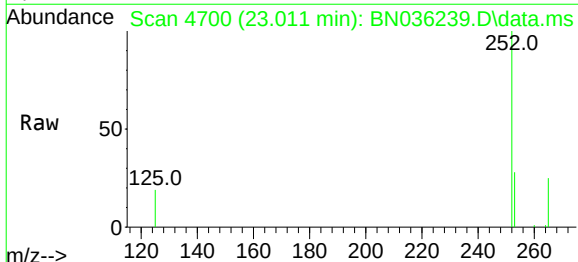
Tgt Ion:252 Resp: 15857

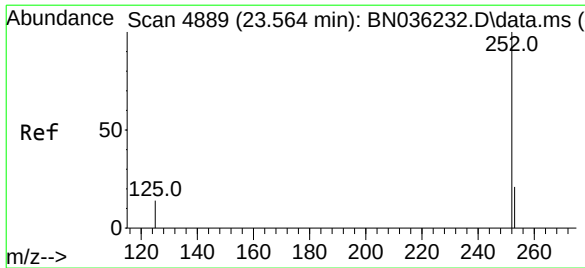
Ion Ratio Lower Upper

252 100

253 27.7 20.2 30.4

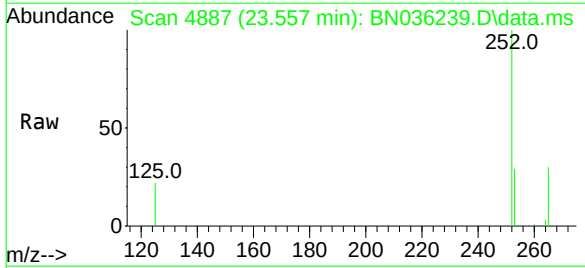
125 18.9 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.573 ng/u1
RT: 23.557 min Scan# 4889
Delta R.T. 0.002 min
Lab File: BN036239.D
Acq: 03 Feb 2025 21:13

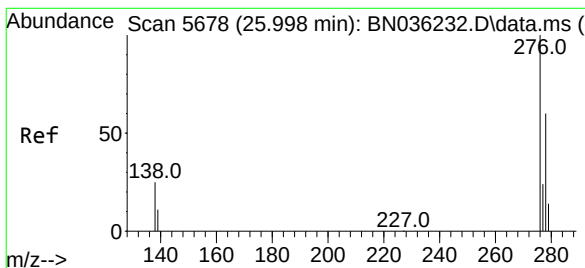
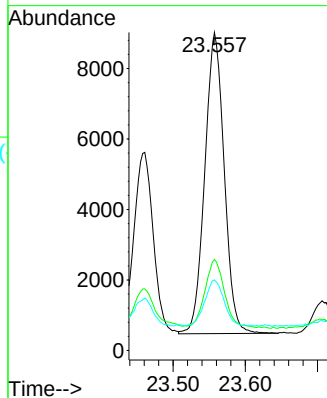
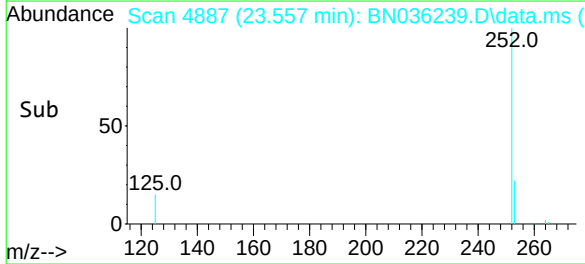
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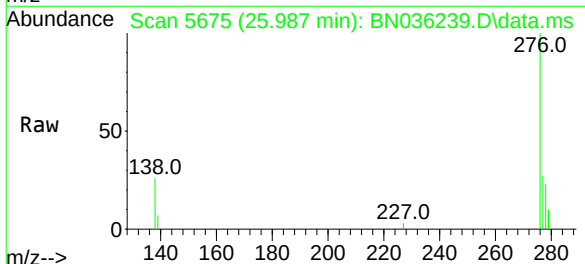
Tgt Ion:	252	Resp:	15954
Ion Ratio	Lower	Upper	
252	100		
253	28.6	22.2	33.4
125	22.2	13.1	19.7

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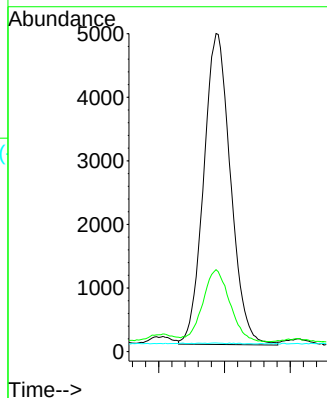
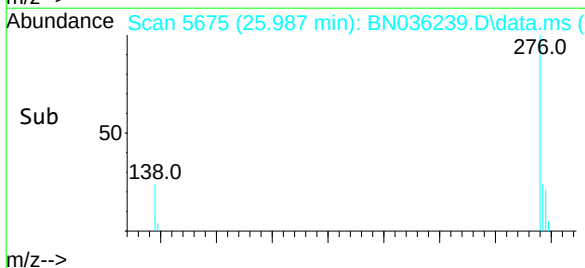
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

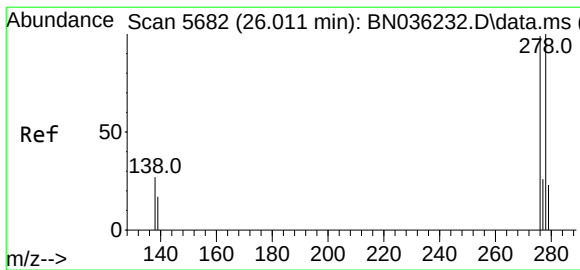


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/u1
RT: 25.987 min Scan# 5675
Delta R.T. -0.001 min
Lab File: BN036239.D
Acq: 03 Feb 2025 21:13



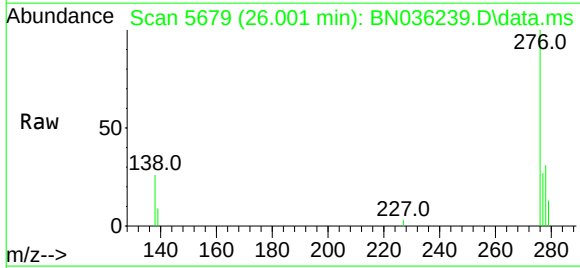
Tgt Ion:	276	Resp:	13896
Ion Ratio	Lower	Upper	
276	100		
138	23.9	20.2	30.4
227	0.1	0.1	0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.141 ng/u1
 RT: 26.001 min Scan# 5679
 Delta R.T. 0.003 min
 Lab File: BN036239.D
 Acq: 03 Feb 2025 21:13

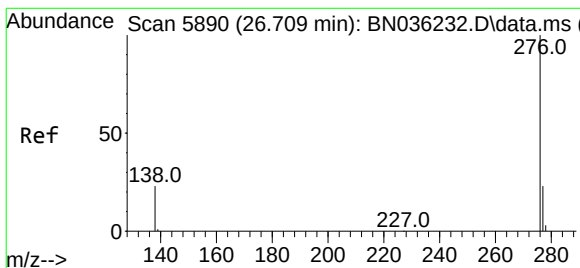
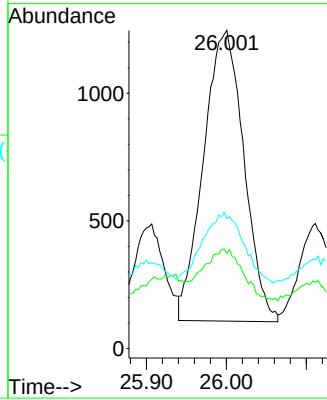
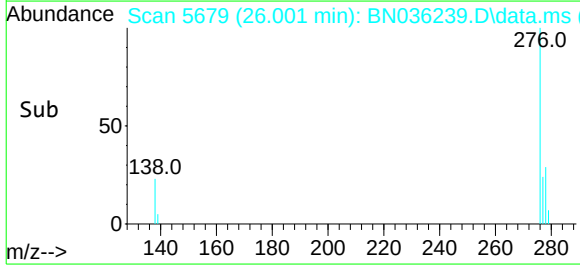
Instrument :
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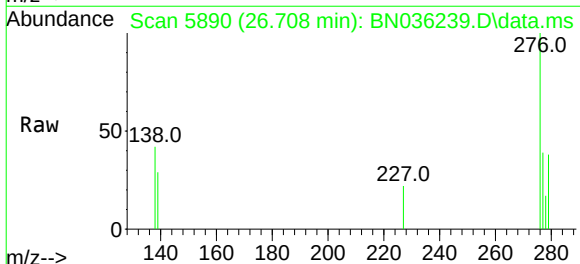
Tgt Ion:	278	Resp:	3990
Ion	Ratio	Lower	Upper
278	100		
139	29.9	15.4	23.2#
279	40.9	22.2	33.4#

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.070 ng/u1
 RT: 26.708 min Scan# 5890
 Delta R.T. 0.006 min
 Lab File: BN036239.D
 Acq: 03 Feb 2025 21:13



Tgt Ion:	276	Resp:	2013
Ion	Ratio	Lower	Upper
276	100		
138	42.3	19.4	29.0#
277	38.9	21.1	31.7#

