

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036240.D
 Acq On : 03 Feb 2025 21:49
 Operator : RC/JU
 Sample : Q1224-08DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6306DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 08:07:18 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	3753	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	9392	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.429	164	5633	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.176	188	12286	0.400	ng/ul	0.00
17) Chrysene-d12	21.363	240	12412	0.400	ng/ul	0.00
23) Perylene-d12	23.657	264	11660	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1951	0.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	410	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.208	212	927	0.027	ng/ul	0.00
Target Compounds						
						Qvalue
11) Acenaphthene	14.489	153	1109	0.057	ng/ul	99
12) Fluorene	15.479	166	815	0.038	ng/ul#	97
15) Phenanthrene	17.214	178	15532	0.432	ng/ul	98
16) Anthracene	17.307	178	3018	0.090	ng/ul	96
19) Fluoranthene	19.236	202	32257	0.684	ng/ul	99
20) Pyrene	19.598	202	24981	0.507	ng/ul	97
21) Benzo(a)anthracene	21.348	228	13251	0.299	ng/ul	98
22) Chrysene	21.401	228	14774	0.326	ng/ul	98
24) Benzo(b)fluoranthene	22.967	252	17805m	0.458	ng/ul	
25) Benzo(k)fluoranthene	23.008	252	6543m	0.160	ng/ul	
26) Benzo(a)pyrene	23.555	252	7200	0.205	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.988	276	5393	0.116	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.001	278	1798	0.050	ng/ul#	42
29) Benzo(g,h,i)perylene	26.706	276	929m	0.026	ng/ul	

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

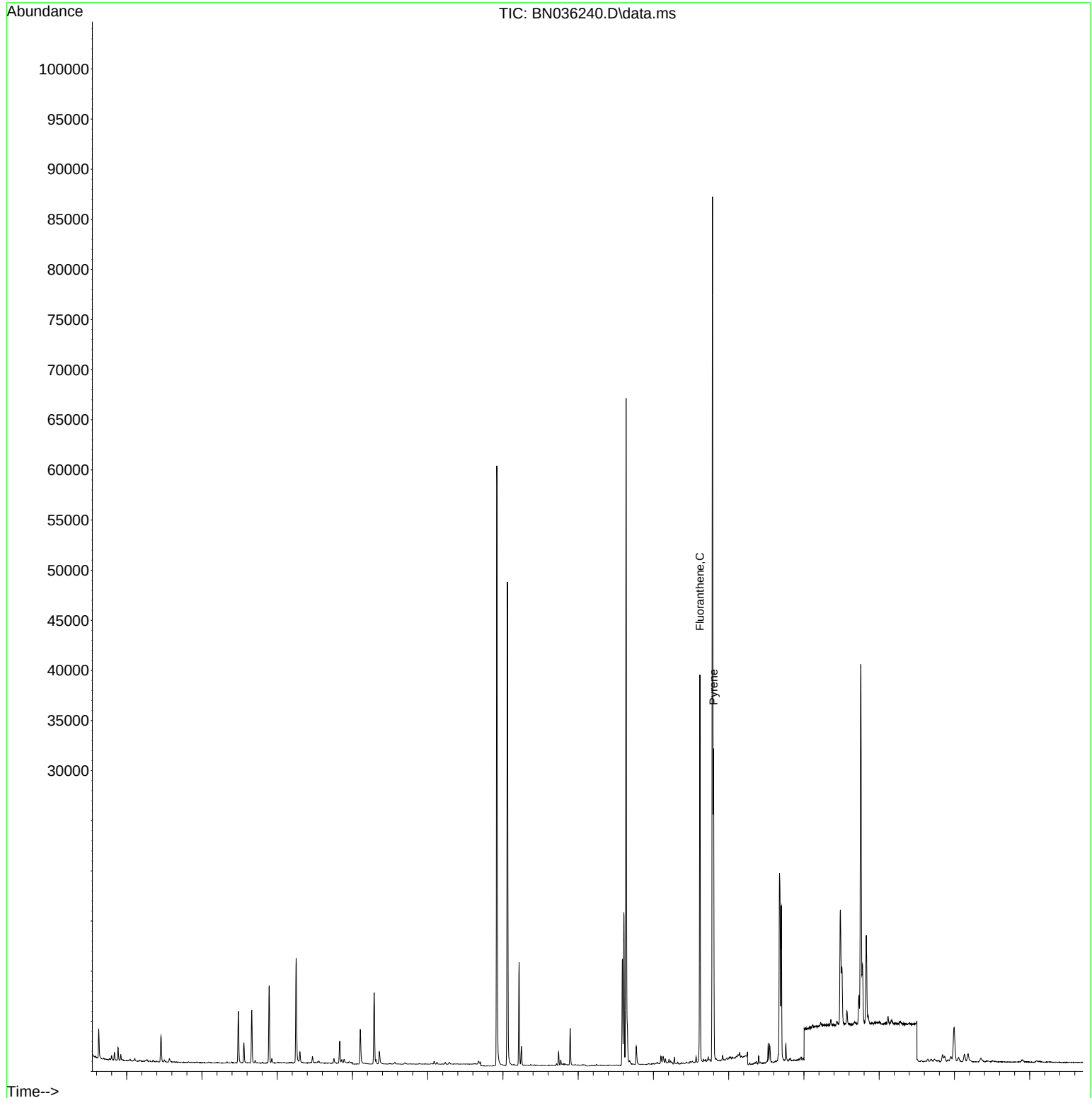
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036240.D
Acq On : 03 Feb 2025 21:49
Operator : RC/JU
Sample : Q1224-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

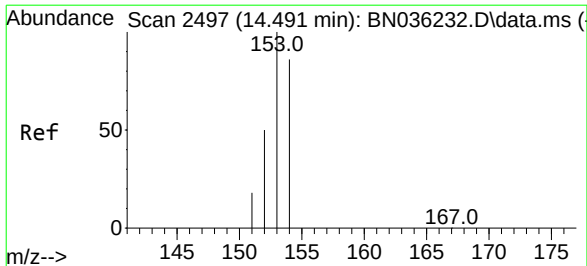
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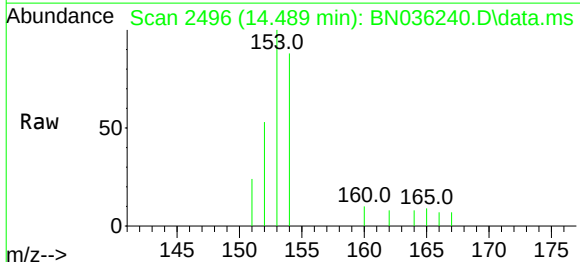
Quant Time: Feb 04 08:07:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.057 ng/u1
RT: 14.489 min Scan# 2497
Delta R.T. -0.003 min
Lab File: BN036240.D
Acq: 03 Feb 2025 21:49

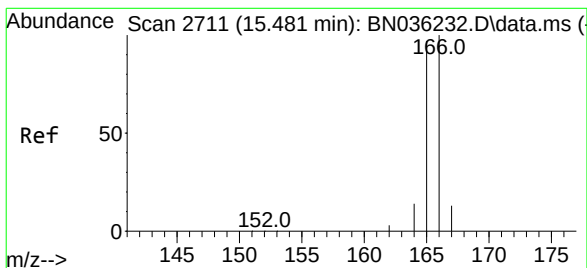
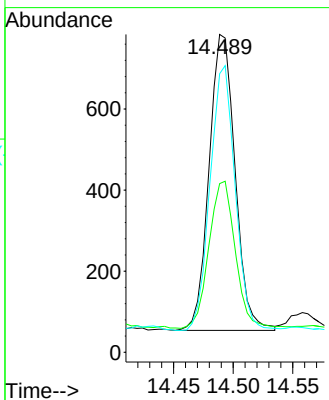
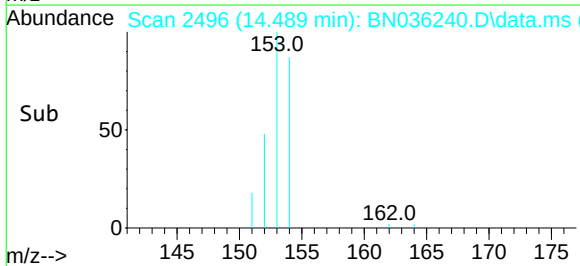
Instrument :
BNA_N
ClientSampleId :
A6306DL



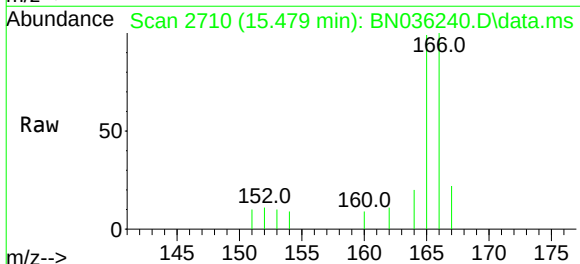
Tgt Ion:	153	Resp:	1109
Ion Ratio	Lower	Upper	
153	100		
152	53.1	43.2	64.8
154	87.6	70.5	105.7

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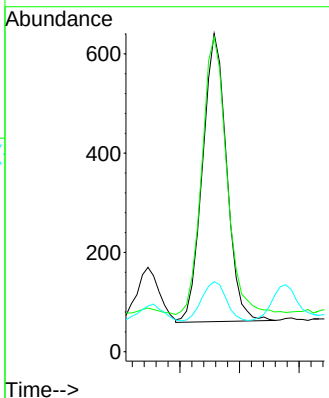
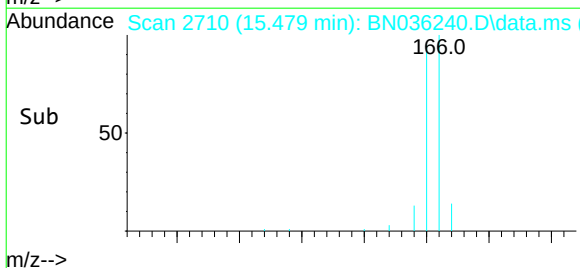
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

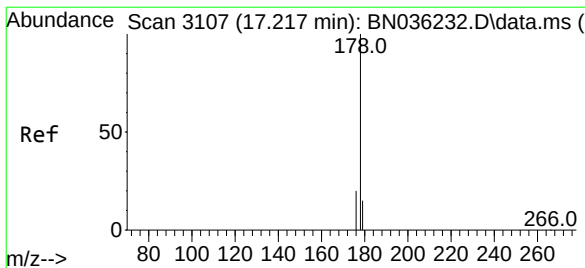


#12
Fluorene
Concen: 0.038 ng/u1
RT: 15.479 min Scan# 2710
Delta R.T. 0.002 min
Lab File: BN036240.D
Acq: 03 Feb 2025 21:49



Tgt Ion:	166	Resp:	815
Ion Ratio	Lower	Upper	
166	100		
165	98.9	80.3	120.5
167	22.0	12.3	18.5#





#15

Phenanthrene

Concen: 0.432 ng/u1

RT: 17.214 min Scan# 3107

Delta R.T. 0.002 min

Lab File: BN036240.D

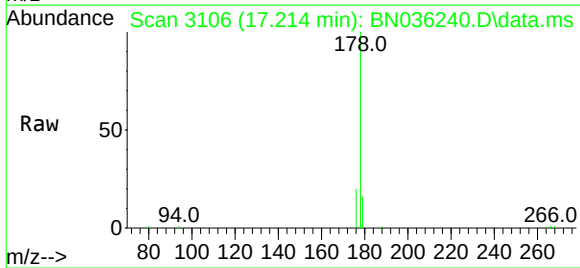
Acq: 03 Feb 2025 21:49

Instrument :

BNA_N

ClientSampleId :

A6306DL

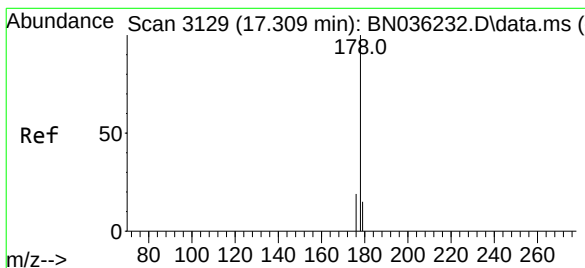
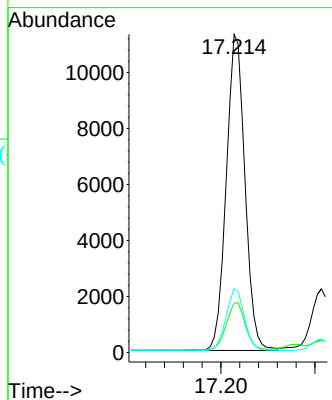
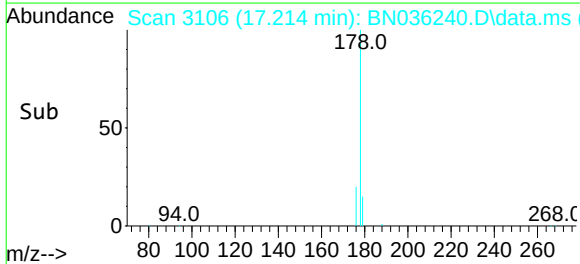


Tgt	Ion:178	Resp:	15532
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.2	19.8
176	20.1	16.8	25.2

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#16

Anthracene

Concen: 0.090 ng/u1

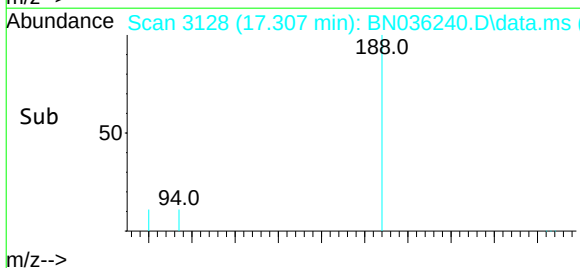
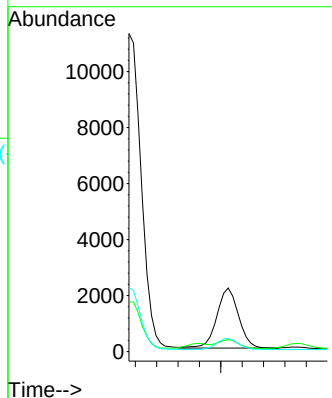
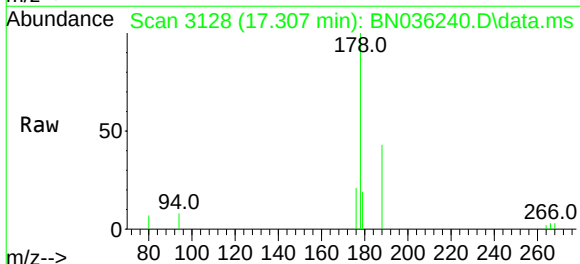
RT: 17.307 min Scan# 3128

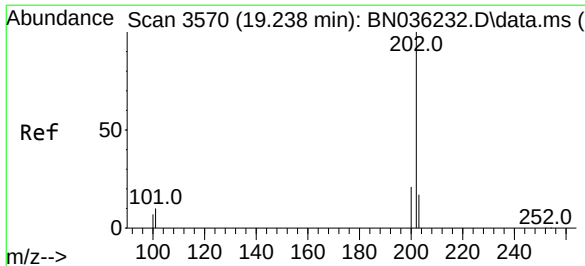
Delta R.T. 0.002 min

Lab File: BN036240.D

Acq: 03 Feb 2025 21:49

Tgt	Ion:178	Resp:	3018
Ion	Ratio	Lower	Upper
178	100		
179	18.8	13.0	19.4
176	20.8	15.9	23.9





#19

Fluoranthene

Concen: 0.684 ng/u1

RT: 19.236 min Scan# 3570

Delta R.T. 0.002 min

Lab File: BN036240.D

Acq: 03 Feb 2025 21:49

Instrument :

BNA_N

ClientSampleId :

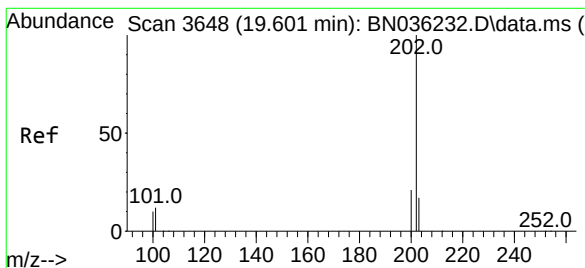
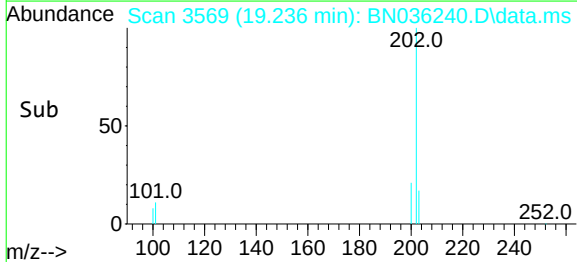
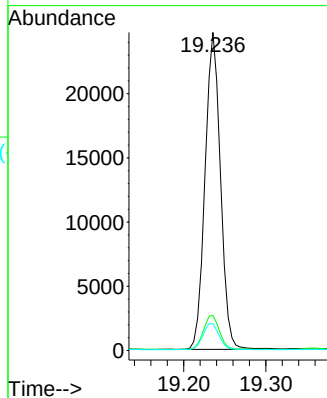
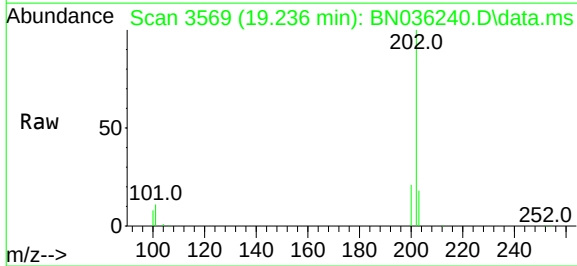
A6306DL

Tgt Ion:	202	Resp:	32257
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.4	12.6
100	8.4	6.5	9.7

Manual Integrations

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#20

Pyrene

Concen: 0.507 ng/u1

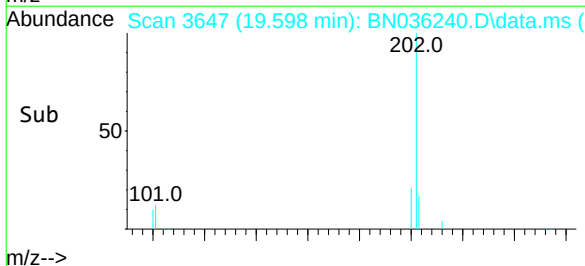
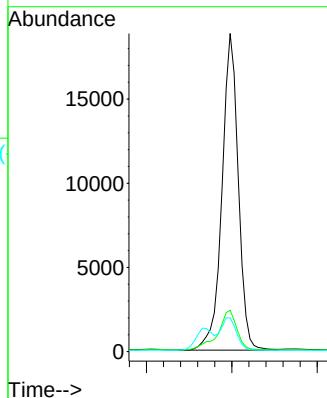
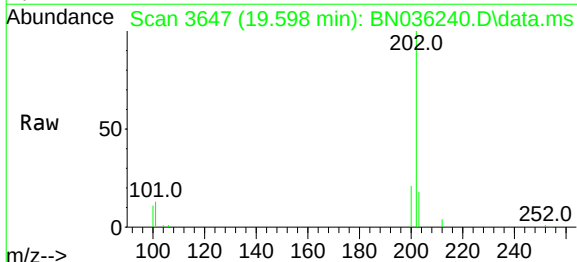
RT: 19.598 min Scan# 3647

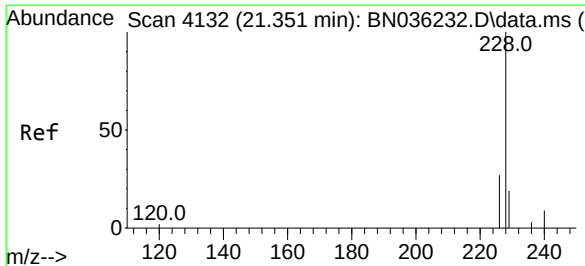
Delta R.T. 0.002 min

Lab File: BN036240.D

Acq: 03 Feb 2025 21:49

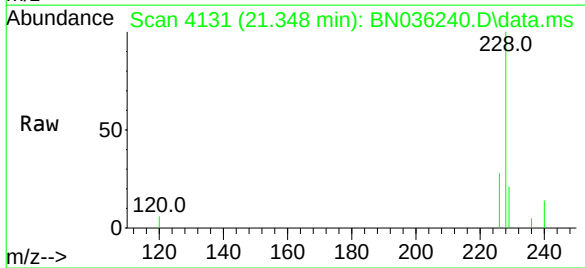
Tgt Ion:	202	Resp:	24981
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.3	13.9
100	10.6	7.5	11.3





#21
Benzo(a)anthracene
Concen: 0.299 ng/u1
RT: 21.348 min Scan# 4131
Delta R.T. 0.003 min
Lab File: BN036240.D
Acq: 03 Feb 2025 21:49

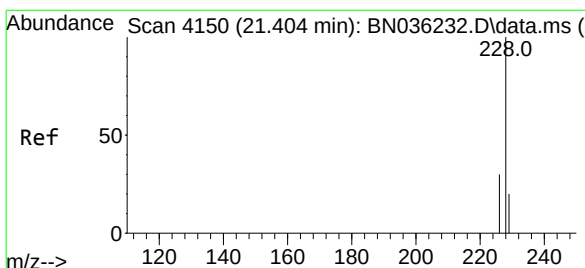
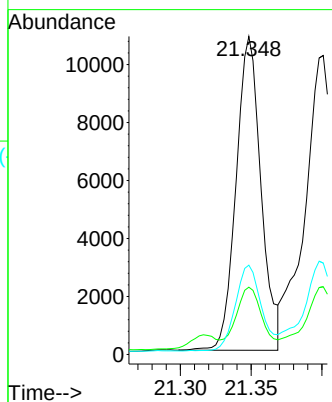
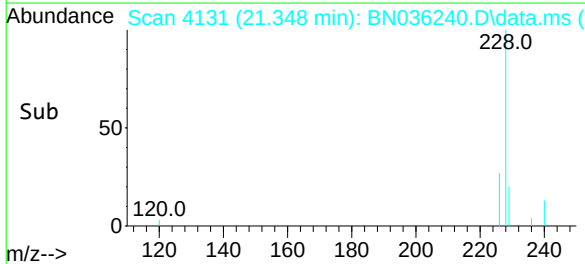
Instrument :
BNA_N
ClientSampleId :
A6306DL



Tgt Ion:	228	Resp:	13251
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.9	23.9
226	28.1	22.8	34.2

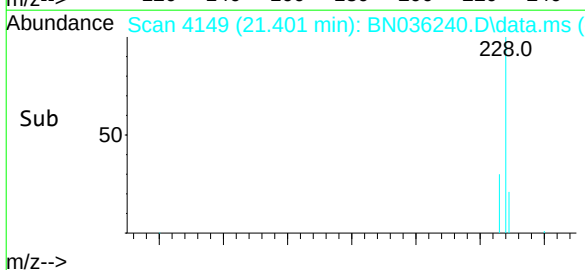
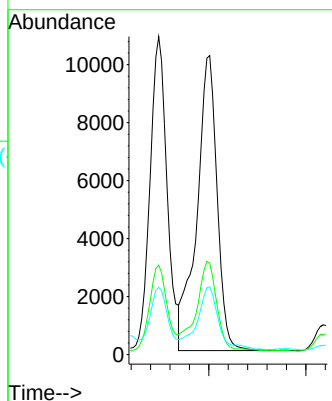
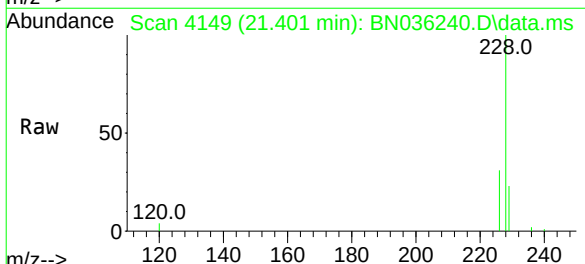
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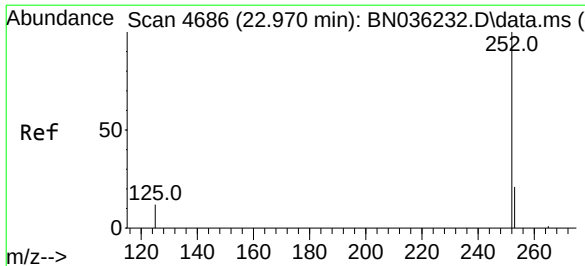
Reviewed By :Jagrut Upadhyay 02/04/2025
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#22
Chrysene
Concen: 0.326 ng/u1
RT: 21.401 min Scan# 4149
Delta R.T. 0.003 min
Lab File: BN036240.D
Acq: 03 Feb 2025 21:49

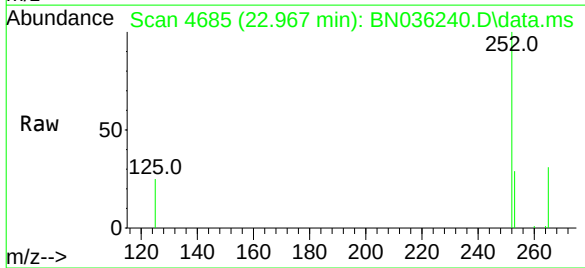
Tgt Ion:	228	Resp:	14774
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.4	36.6
229	22.7	15.9	23.9





#24
Benzo(b)fluoranthene
Concen: 0.458 ng/u1 m
RT: 22.967 min Scan# 4685
Delta R.T. 0.006 min
Lab File: BN036240.D
Acq: 03 Feb 2025 21:49

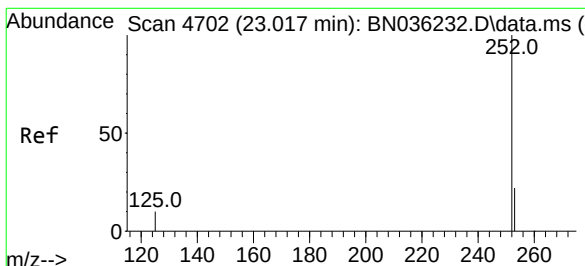
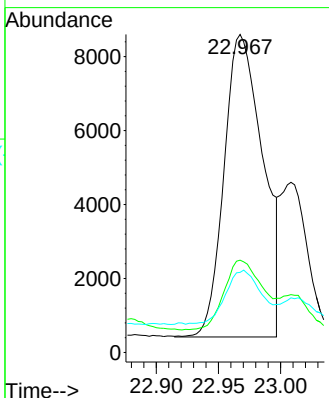
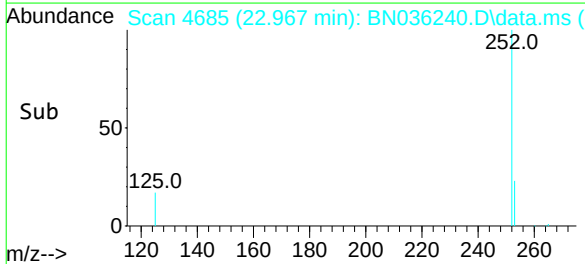
Instrument :
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A6306DL



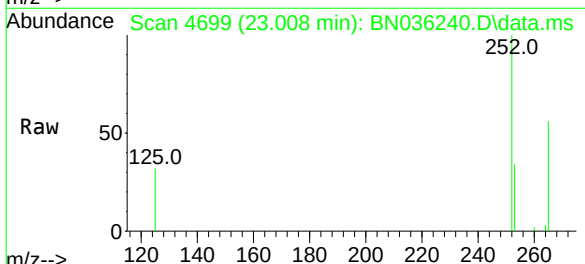
Tgt Ion:252 Resp: 17805
Ion Ratio Lower Upper
252 100
253 29.0 0.0 51.2
125 25.2 0.0 27.8

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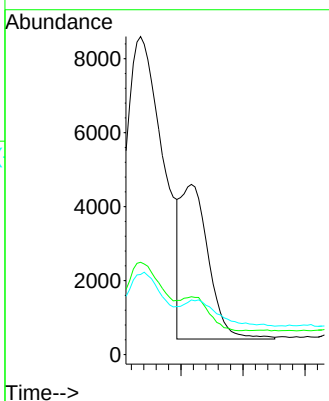
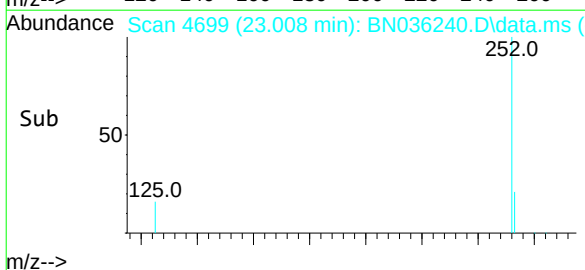
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

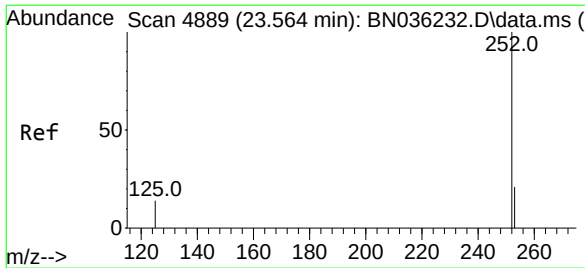


#25
Benzo(k)fluoranthene
Concen: 0.160 ng/u1 m
RT: 23.008 min Scan# 4699
Delta R.T. -0.000 min
Lab File: BN036240.D
Acq: 03 Feb 2025 21:49



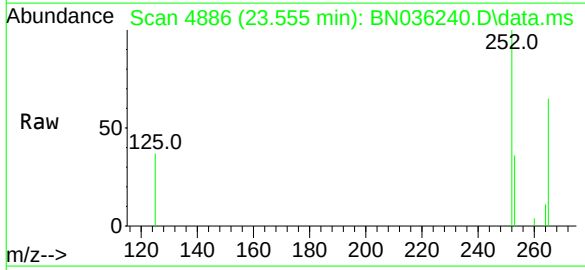
Tgt Ion:252 Resp: 6543
Ion Ratio Lower Upper
252 100
253 34.0 20.2 30.4#
125 32.1 10.6 16.0#





#26
 Benzo(a)pyrene
 Concen: 0.205 ng/u1
 RT: 23.555 min Scan# 4889
 Delta R.T. -0.000 min
 Lab File: BN036240.D
 Acq: 03 Feb 2025 21:49

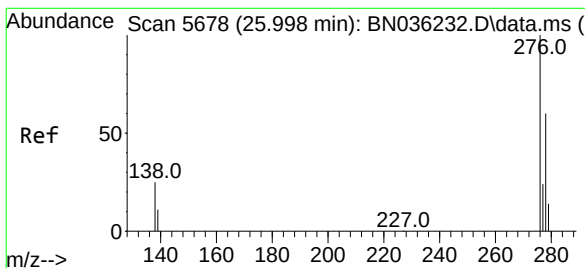
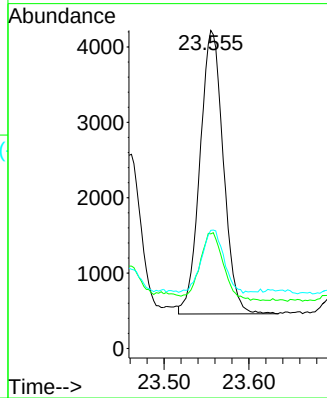
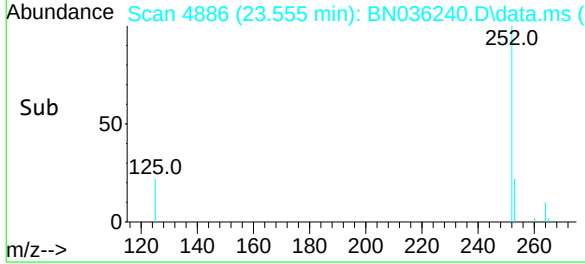
Instrument :
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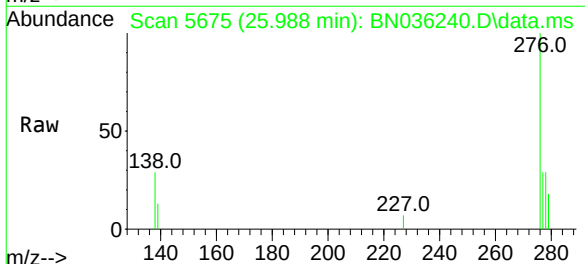
Tgt Ion:	252	Resp:	7200
Ion	Ratio	Lower	Upper
252	100		
253	36.0	22.2	33.4
125	37.1	13.1	19.7

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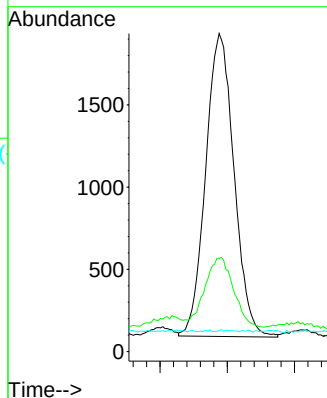
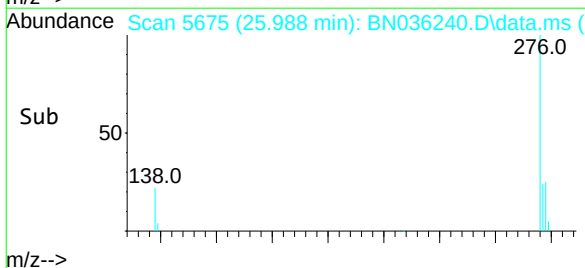
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025

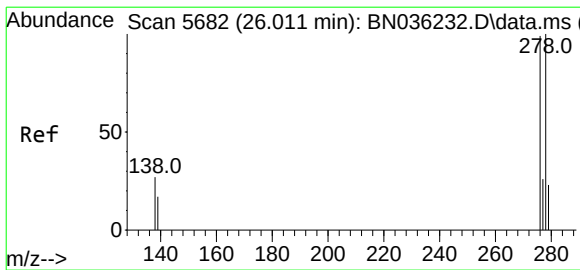


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.116 ng/u1
 RT: 25.988 min Scan# 5675
 Delta R.T. -0.000 min
 Lab File: BN036240.D
 Acq: 03 Feb 2025 21:49



Tgt Ion:	276	Resp:	5393
Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.2	30.4
227	0.3	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.050 ng/ul

RT: 26.001 min Scan# 5682

Delta R.T. 0.003 min

Lab File: BN036240.D

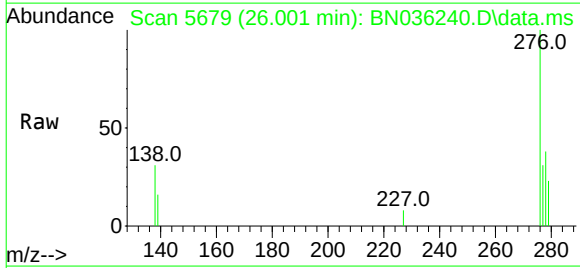
Acq: 03 Feb 2025 21:49

Instrument :

BN_A_N

ClientSampleId :

A6306DL



Tgt Ion: 278 Resp: 1798

Ion Ratio Lower Upper

278 100

139 43.0 15.4 23.2#

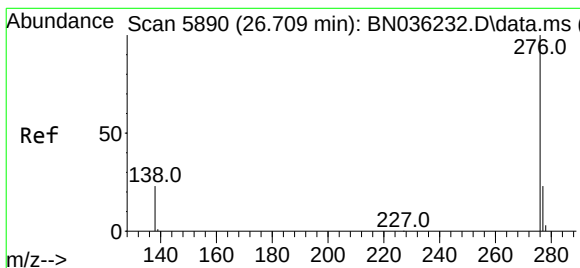
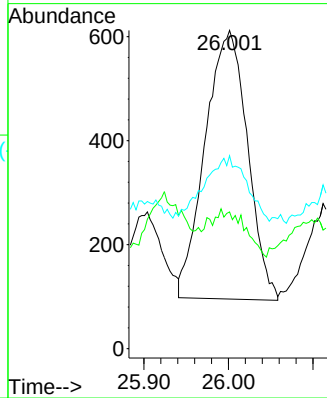
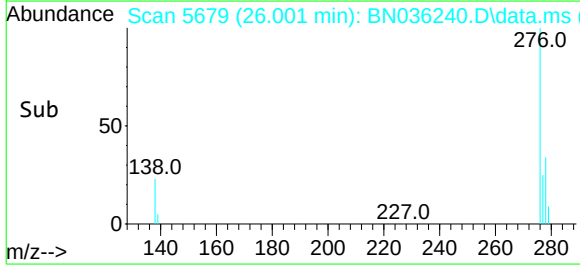
279 60.6 22.2 33.4#

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.026 ng/ul m

RT: 26.706 min Scan# 5889

Delta R.T. 0.003 min

Lab File: BN036240.D

Acq: 03 Feb 2025 21:49

Tgt Ion: 276 Resp: 929

Ion Ratio Lower Upper

276 100

138 60.2 19.4 29.0#

277 51.8 21.1 31.7#

