

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036226.D
 Acq On : 03 Feb 2025 13:20
 Operator : RC/JU
 Sample : Q1248-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6318

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 13:46:14 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	3541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	8486	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.429	164	5024	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.176	188	9883m	0.400	ng/ul	0.00
17) Chrysene-d12	21.366	240	8560	0.400	ng/ul	# 0.00
23) Perylene-d12	23.657	264	8903m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	12095	3.120	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	2439	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.208	212	6465	0.275	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.628	128	142797	6.108	ng/ul	97
10) Acenaphthylene	14.146	152	152197	6.427	ng/ul	96
11) Acenaphthene	14.493	153	190534	10.932	ng/ul	96
12) Fluorene	15.479	166	116235	6.038	ng/ul	99
15) Phenanthrene	17.218	178	343221	11.860	ng/ul	97
16) Anthracene	17.307	178	311993	11.599	ng/ul	98
19) Fluoranthene	19.236	202	244414	7.513	ng/ul	99
20) Pyrene	19.598	202	108665	3.200	ng/ul	95
21) Benzo(a)anthracene	21.348	228	30637	1.003	ng/ul	99
22) Chrysene	21.401	228	88735	2.843	ng/ul	100
24) Benzo(b)fluoranthene	22.968	252	90054	3.031	ng/ul	97
25) Benzo(k)fluoranthene	23.011	252	72980	2.336	ng/ul	95
26) Benzo(a)pyrene	23.561	252	119618	4.457	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.995	276	153273	4.319	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.008	278	146038	5.339	ng/ul	94
29) Benzo(g,h,i)perylene	26.702	276	109679	3.979	ng/ul	96

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

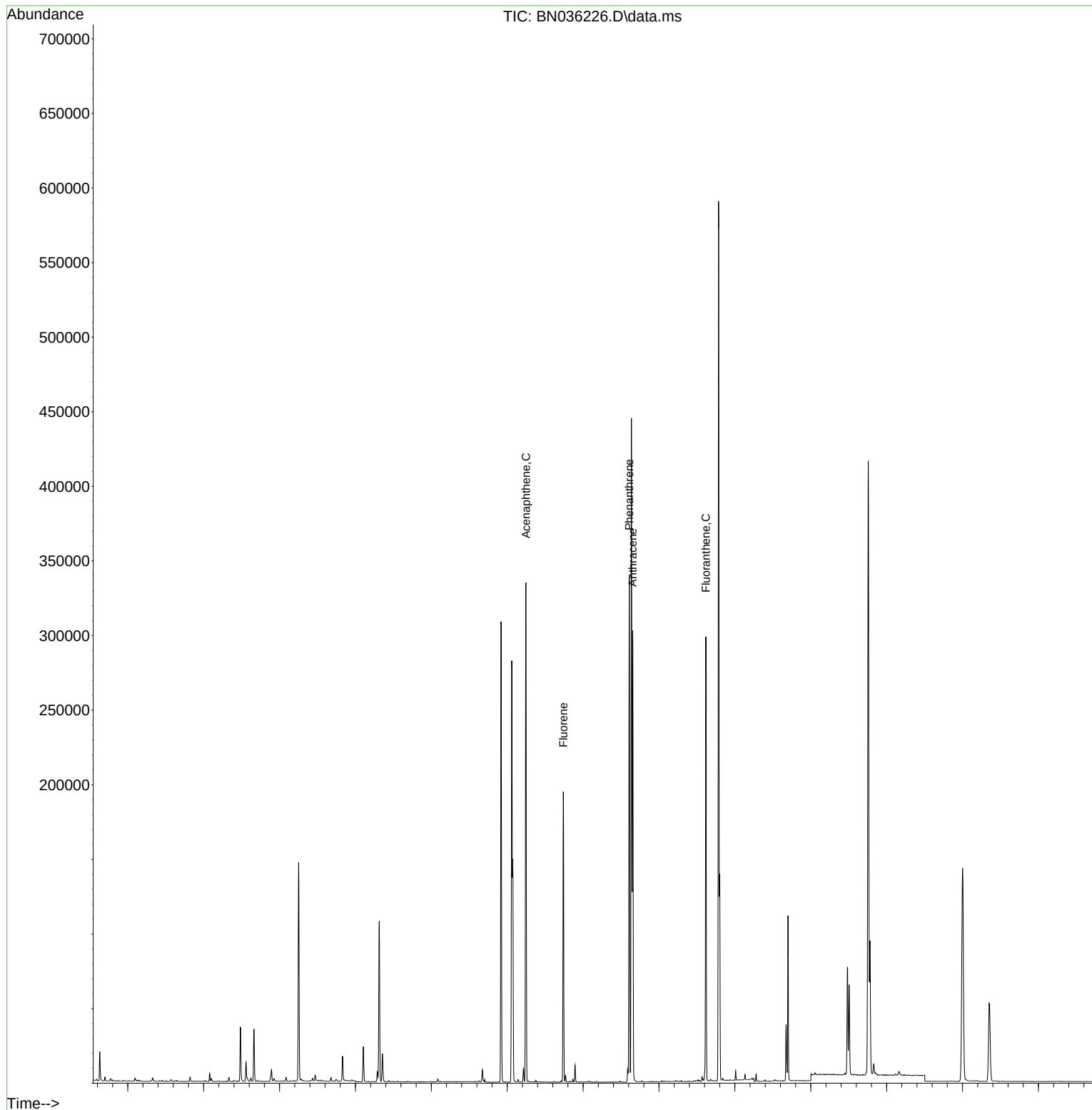
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036226.D
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Sample : Q1248-01
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ALS Vial : 6 Sample Multiplier: 1

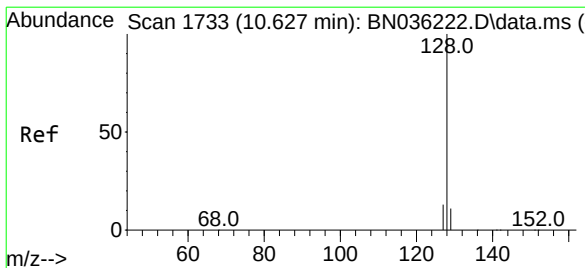
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Quant Time: Feb 03 13:46:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#5

Naphthalene

Concen: 6.108 ng/u1

RT: 10.628 min Scan# 17

Delta R.T. 0.001 min

Lab File: BN036226.D

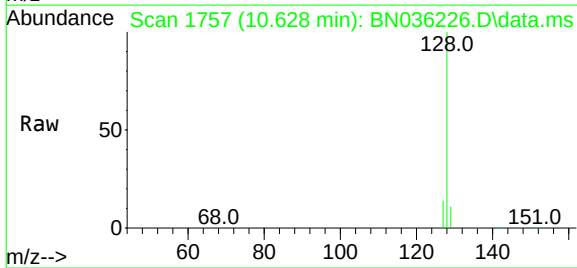
Acq: 03 Feb 2025 13:20

Instrument :

BNA_N

ClientSampleId :

A6318



Tgt Ion:128 Resp: 142797

Ion Ratio Lower Upper

128 100

129 10.9 9.6 14.4

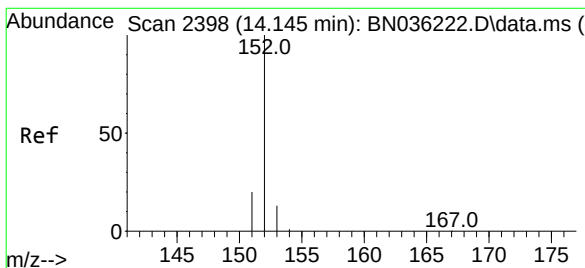
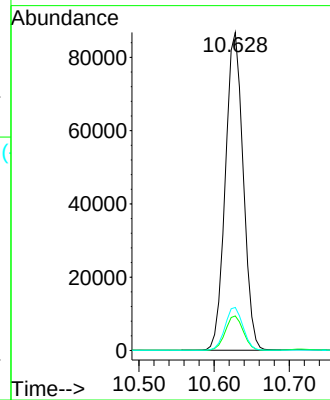
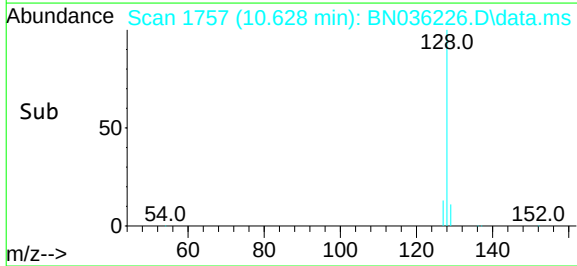
127 13.5 12.0 18.0

Manual Integrations

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#10

Acenaphthylene

Concen: 6.427 ng/u1

RT: 14.146 min Scan# 2422

Delta R.T. 0.002 min

Lab File: BN036226.D

Acq: 03 Feb 2025 13:20

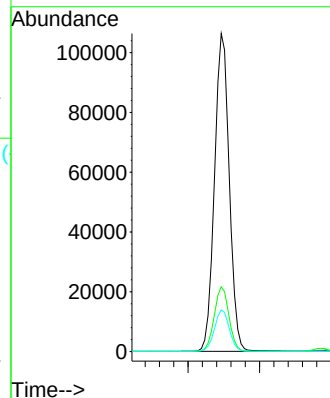
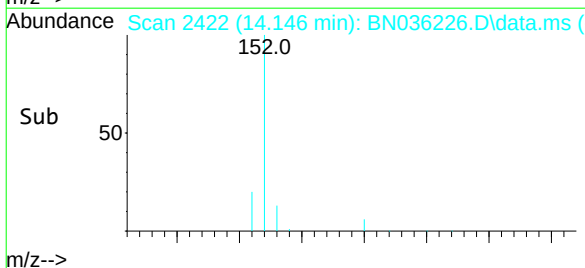
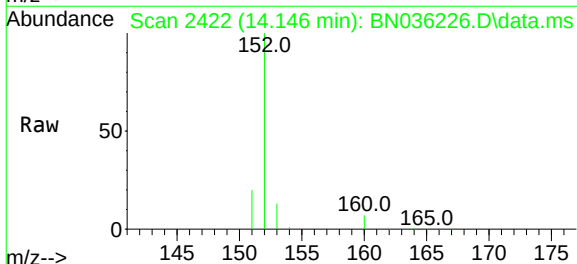
Tgt Ion:152 Resp: 152197

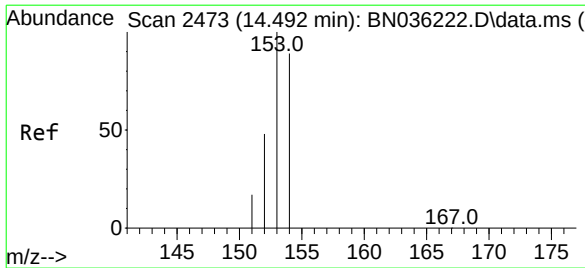
Ion Ratio Lower Upper

152 100

151 20.4 17.4 26.2

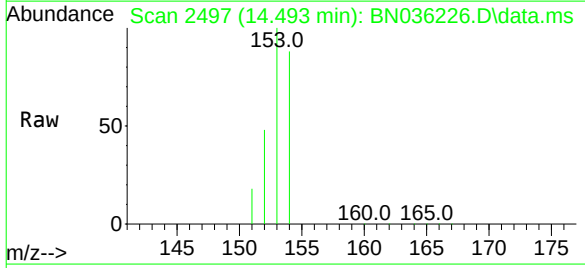
153 13.1 11.9 17.9





#11
Acenaphthene
Concen: 10.932 ng/u1
RT: 14.493 min Scan# 2473
Delta R.T. 0.002 min
Lab File: BN036226.D
Acq: 03 Feb 2025 13:20

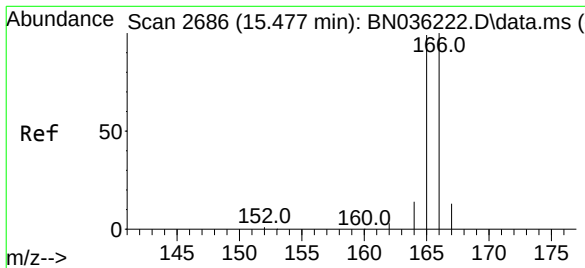
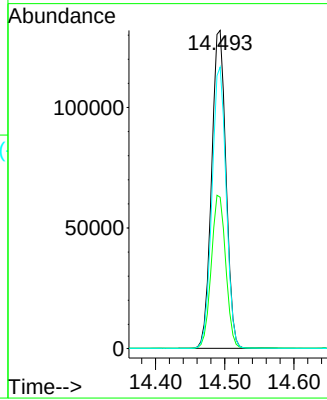
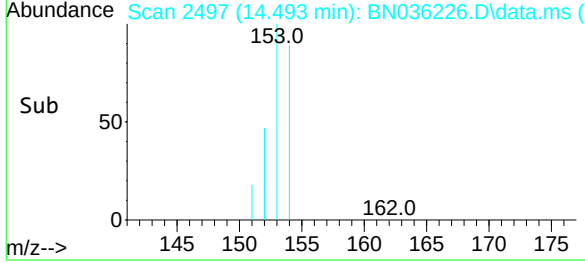
Instrument :
BNA_N
ClientSampleId :
A6318



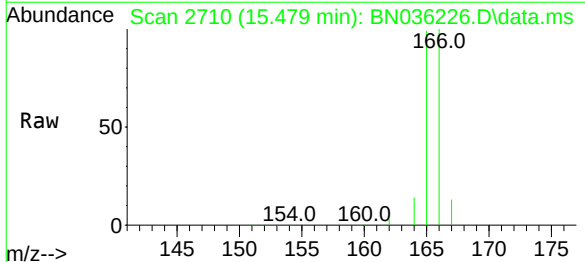
Tgt Ion:153 Resp: 190534
Ion Ratio Lower Upper
153 100
152 47.6 43.2 64.8
154 88.5 70.5 105.7

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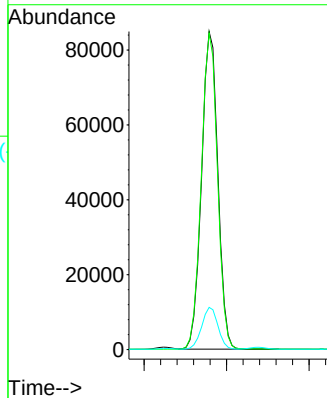
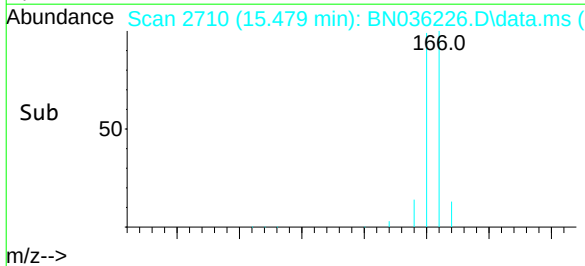
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

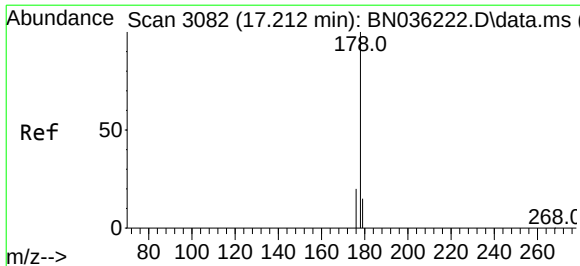


#12
Fluorene
Concen: 6.038 ng/u1
RT: 15.479 min Scan# 2710
Delta R.T. 0.002 min
Lab File: BN036226.D
Acq: 03 Feb 2025 13:20



Tgt Ion:166 Resp: 116235
Ion Ratio Lower Upper
166 100
165 99.5 80.3 120.5
167 13.3 12.3 18.5





#15

Phenanthrene

Concen: 11.860 ng/u1

RT: 17.218 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN036226.D

Acq: 03 Feb 2025 13:20

Instrument :

BNA_N

ClientSampleId :

A6318

Tgt Ion:178 Resp: 343221

Ion Ratio Lower Upper

178 100

179 15.3 13.2 19.8

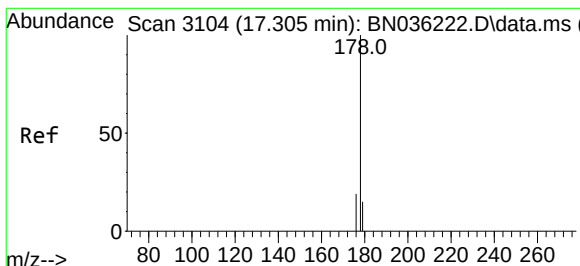
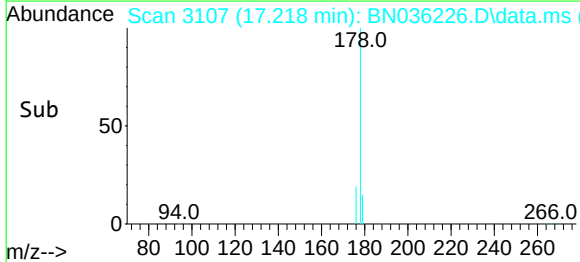
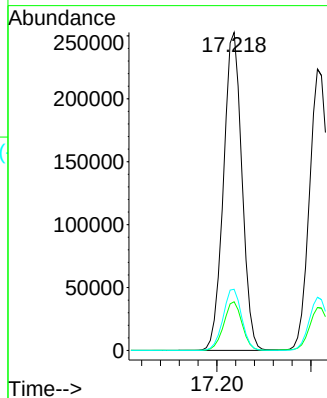
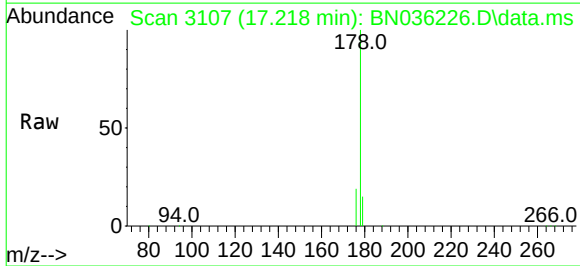
176 19.3 16.8 25.2

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#16

Anthracene

Concen: 11.599 ng/u1

RT: 17.307 min Scan# 3128

Delta R.T. 0.002 min

Lab File: BN036226.D

Acq: 03 Feb 2025 13:20

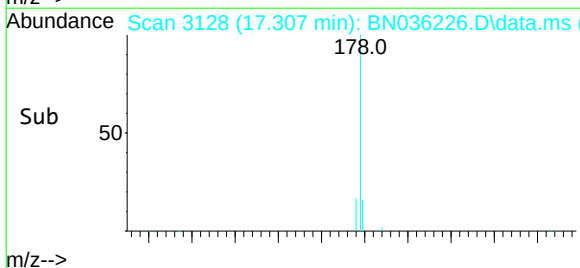
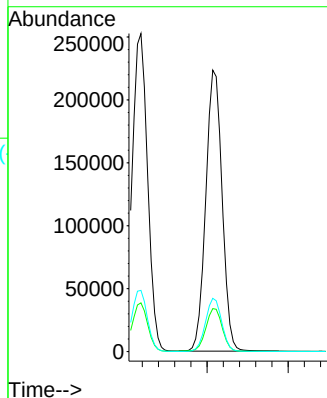
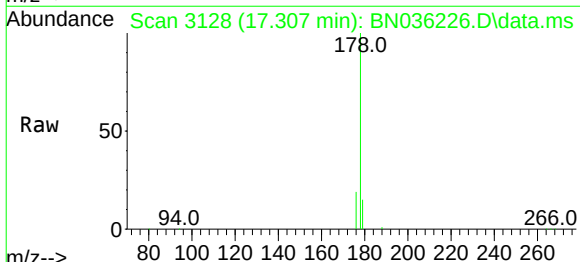
Tgt Ion:178 Resp: 311993

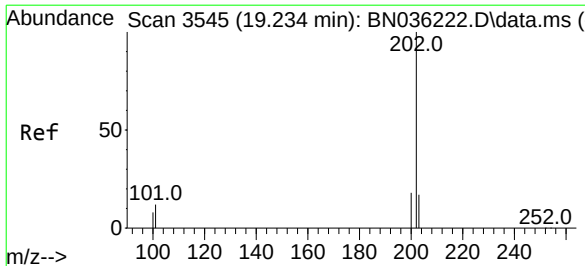
Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.4

176 18.9 15.9 23.9





#19

Fluoranthene

Concen: 7.513 ng/u1

RT: 19.236 min Scan# 35

Delta R.T. 0.002 min

Lab File: BN036226.D

Acq: 03 Feb 2025 13:20

Instrument :

BNA_N

ClientSampleId :

A6318

Tgt Ion:202 Resp: 244414

Ion Ratio Lower Upper

202 100

101 10.9 8.4 12.6

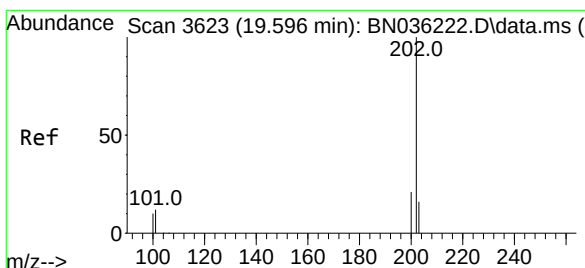
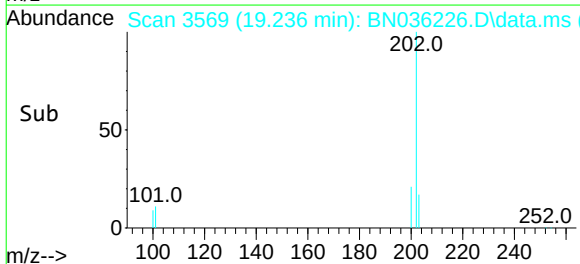
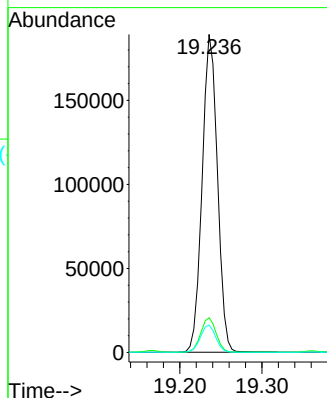
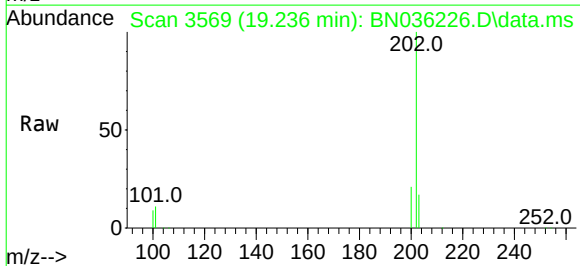
100 8.6 6.5 9.7

Manual Integrations

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#20

Pyrene

Concen: 3.200 ng/u1

RT: 19.598 min Scan# 3647

Delta R.T. 0.002 min

Lab File: BN036226.D

Acq: 03 Feb 2025 13:20

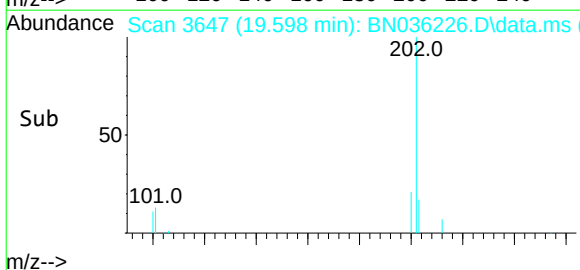
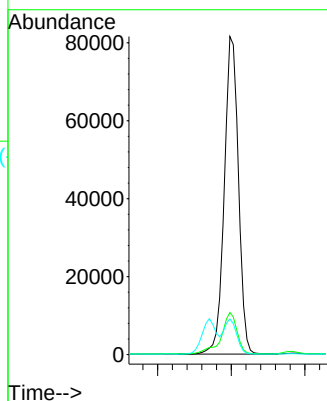
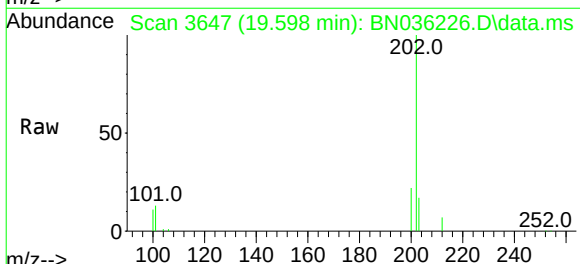
Tgt Ion:202 Resp: 108665

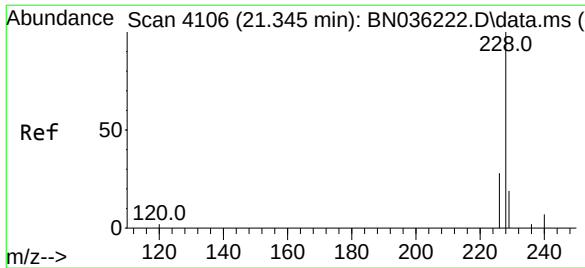
Ion Ratio Lower Upper

202 100

101 13.2 9.3 13.9

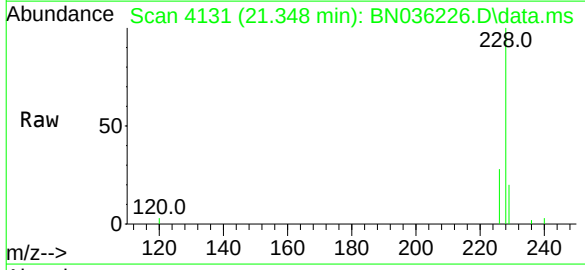
100 11.2 7.5 11.3





#21
 Benzo(a)anthracene
 Concen: 1.003 ng/u1
 RT: 21.348 min Scan# 411
 Delta R.T. 0.003 min
 Lab File: BN036226.D
 Acq: 03 Feb 2025 13:20

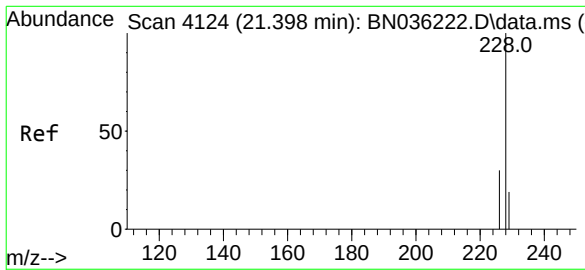
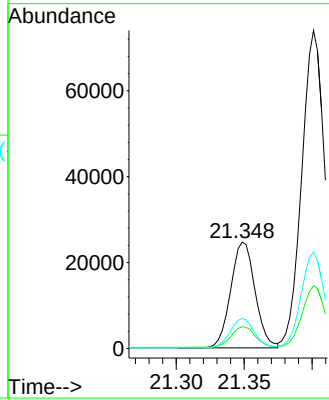
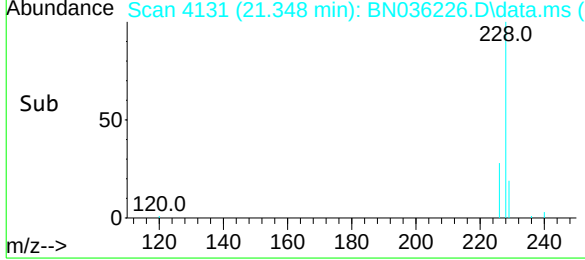
Instrument :
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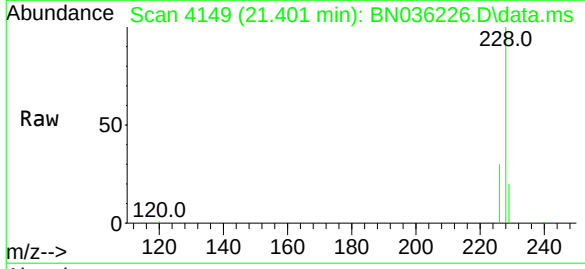
Tgt Ion:	228	Resp:	30637
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.9	23.9
226	28.1	22.8	34.2

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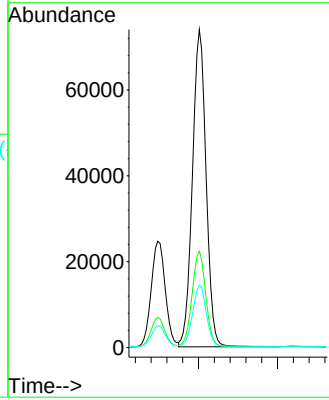
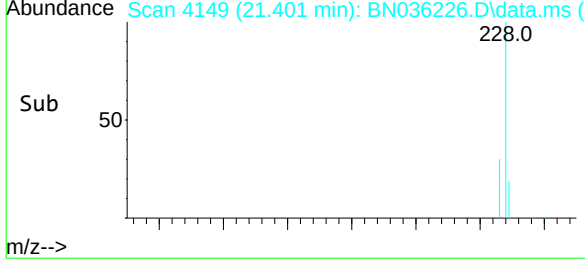
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025

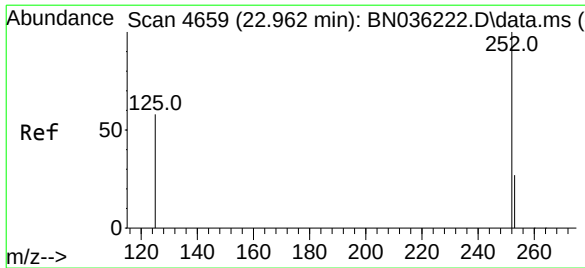


#22
 Chrysene
 Concen: 2.843 ng/u1
 RT: 21.401 min Scan# 4149
 Delta R.T. 0.003 min
 Lab File: BN036226.D
 Acq: 03 Feb 2025 13:20



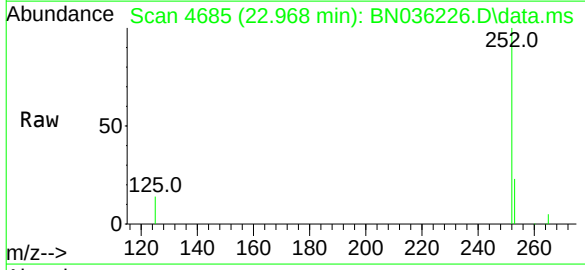
Tgt Ion:	228	Resp:	88735
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	19.7	15.9	23.9





#24
Benzo(b)fluoranthene
Concen: 3.031 ng/u1
RT: 22.968 min Scan# 4685
Delta R.T. 0.006 min
Lab File: BN036226.D
Acq: 03 Feb 2025 13:20

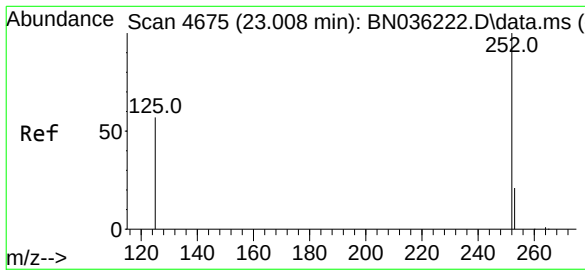
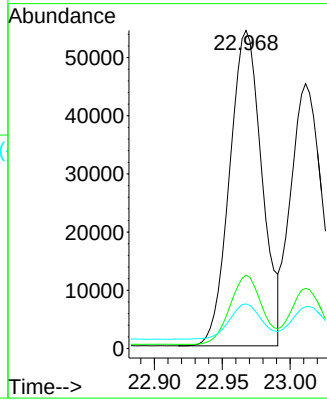
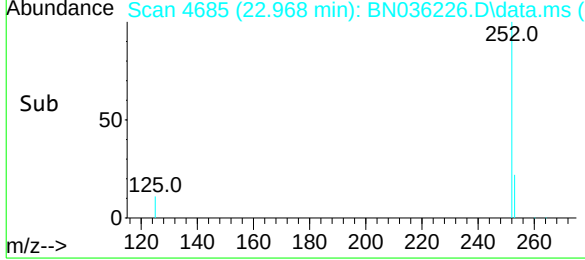
Instrument :
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Tgt Ion:252 Resp: 90054
Ion Ratio Lower Upper
252 100
253 23.1 0.0 51.2
125 14.0 0.0 27.8

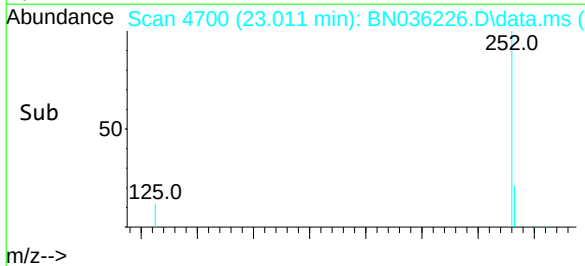
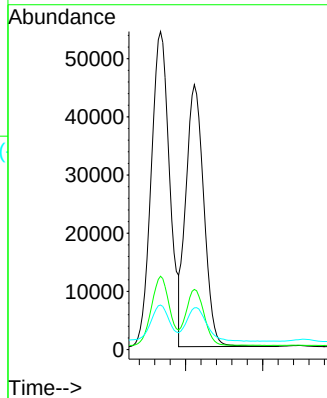
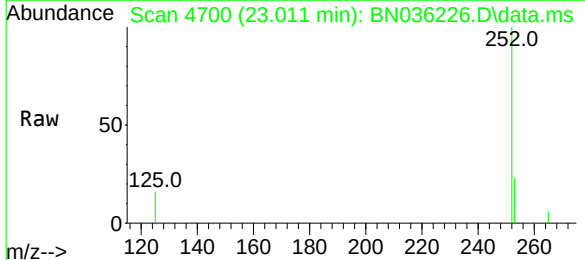
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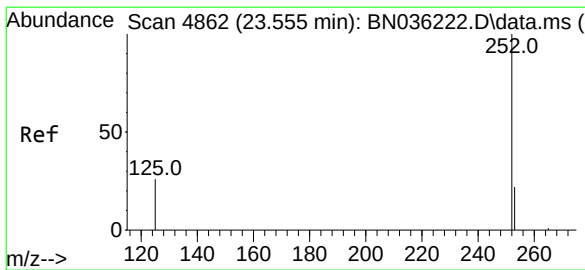
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#25
Benzo(k)fluoranthene
Concen: 2.336 ng/u1
RT: 23.011 min Scan# 4700
Delta R.T. 0.003 min
Lab File: BN036226.D
Acq: 03 Feb 2025 13:20

Tgt Ion:252 Resp: 72980
Ion Ratio Lower Upper
252 100
253 22.7 20.2 30.4
125 15.8 10.6 16.0





#26

Benzo(a)pyrene

Concen: 4.457 ng/ul

RT: 23.561 min Scan# 48

Delta R.T. 0.006 min

Lab File: BN036226.D

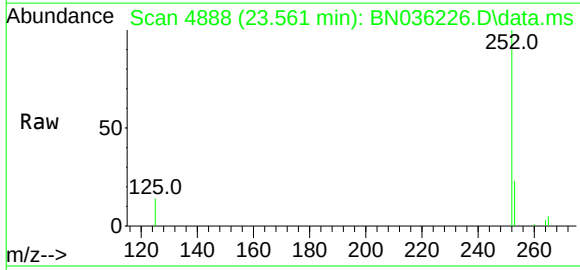
Acq: 03 Feb 2025 13:20

Instrument :

BNA_N

ClientSampleId :

A6318



Tgt Ion:252 Resp: 119618

Ion Ratio Lower Upper

252 100

253 22.5 22.2 33.4

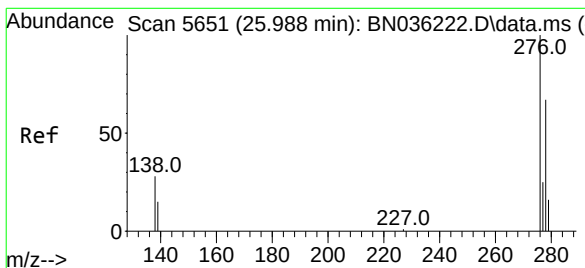
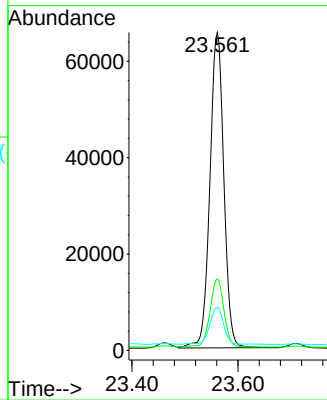
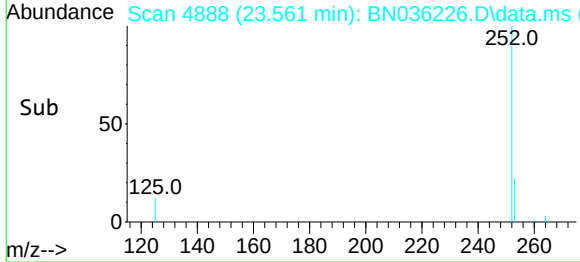
125 13.6 13.1 19.7

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#27

Indeno(1,2,3-cd)pyrene

Concen: 4.319 ng/ul

RT: 25.995 min Scan# 5677

Delta R.T. 0.007 min

Lab File: BN036226.D

Acq: 03 Feb 2025 13:20

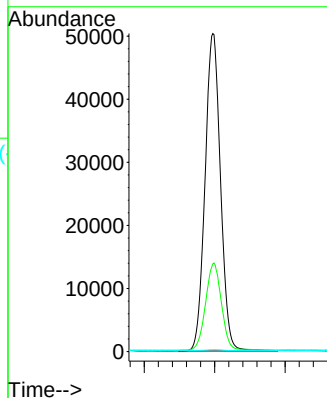
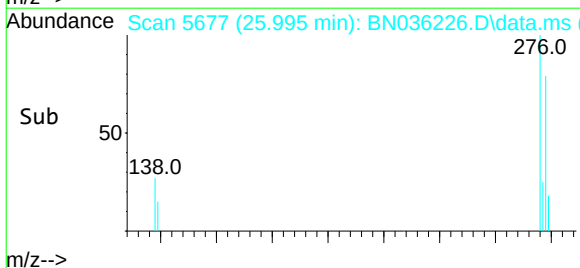
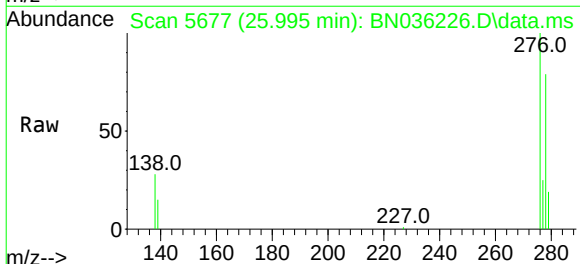
Tgt Ion:276 Resp: 153273

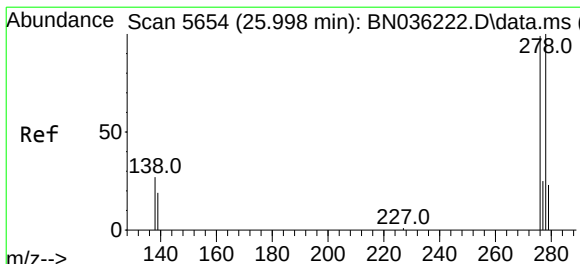
Ion Ratio Lower Upper

276 100

138 28.1 20.2 30.4

227 0.3 0.1 0.1#





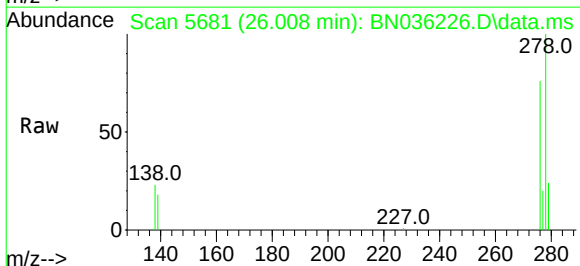
#28
 Dibenzo(a,h)anthracene
 Concen: 5.339 ng/ul
 RT: 26.008 min Scan# 5618
 Delta R.T. 0.010 min
 Lab File: BN036226.D
 Acq: 03 Feb 2025 13:20

Instrument :

BNA_N

ClientSampleId :

A6318

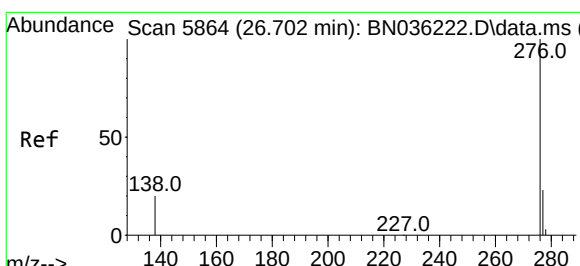
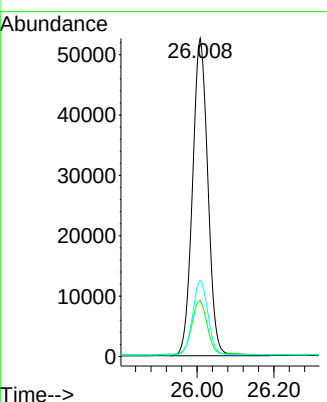
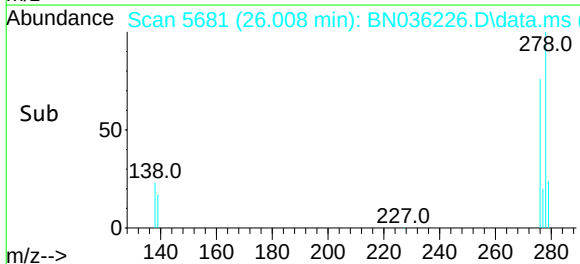


Tgt Ion: 278 Resp: 146038

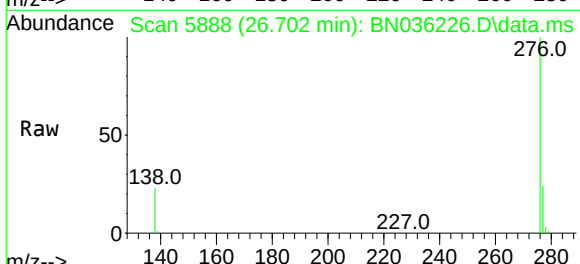
Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.4	23.2
279	24.0	22.2	33.4

Manual Integrations
 APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 3.979 ng/ul
 RT: 26.702 min Scan# 5888
 Delta R.T. 0.000 min
 Lab File: BN036226.D
 Acq: 03 Feb 2025 13:20



Tgt Ion: 276 Resp: 109679

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.4	29.0
277	23.8	21.1	31.7

