

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036191.D
 Acq On : 01 Feb 2025 05:40
 Operator : RC/JU
 Sample : Q1224-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6305

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 11:58:21 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	3680	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	9657	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	6035	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.179	188	13002	0.400	ng/ul	-0.01
17) Chrysene-d12	21.365	240	12505	0.400	ng/ul	0.00
23) Perylene-d12	23.657	264	10573m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	20103	4.989	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	3676	0.301	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	6659	0.194	ng/ul	0.00
Target Compounds						Qvalue
11) Acenaphthene	14.496	153	675	0.032	ng/ul	96
12) Fluorene	15.482	166	640	0.028	ng/ul#	96
15) Phenanthrene	17.221	178	26053	0.684	ng/ul	97
16) Anthracene	17.309	178	1971	0.056	ng/ul#	92
19) Fluoranthene	19.238	202	84008	1.768	ng/ul	100
20) Pyrene	19.601	202	67131	1.353	ng/ul	98
21) Benzo(a)anthracene	21.348	228	25233	0.565	ng/ul	99
22) Chrysene	21.401	228	38207	0.838	ng/ul	98
24) Benzo(b)fluoranthene	22.967	252	47113m	1.335	ng/ul	
25) Benzo(k)fluoranthene	23.008	252	17797m	0.480	ng/ul	
26) Benzo(a)pyrene	23.558	252	26762	0.840	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.987	276	18286	0.434	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.998	278	3957	0.122	ng/ul#	71
29) Benzo(g,h,i)perylene	26.705	276	17642	0.539	ng/ul	99

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

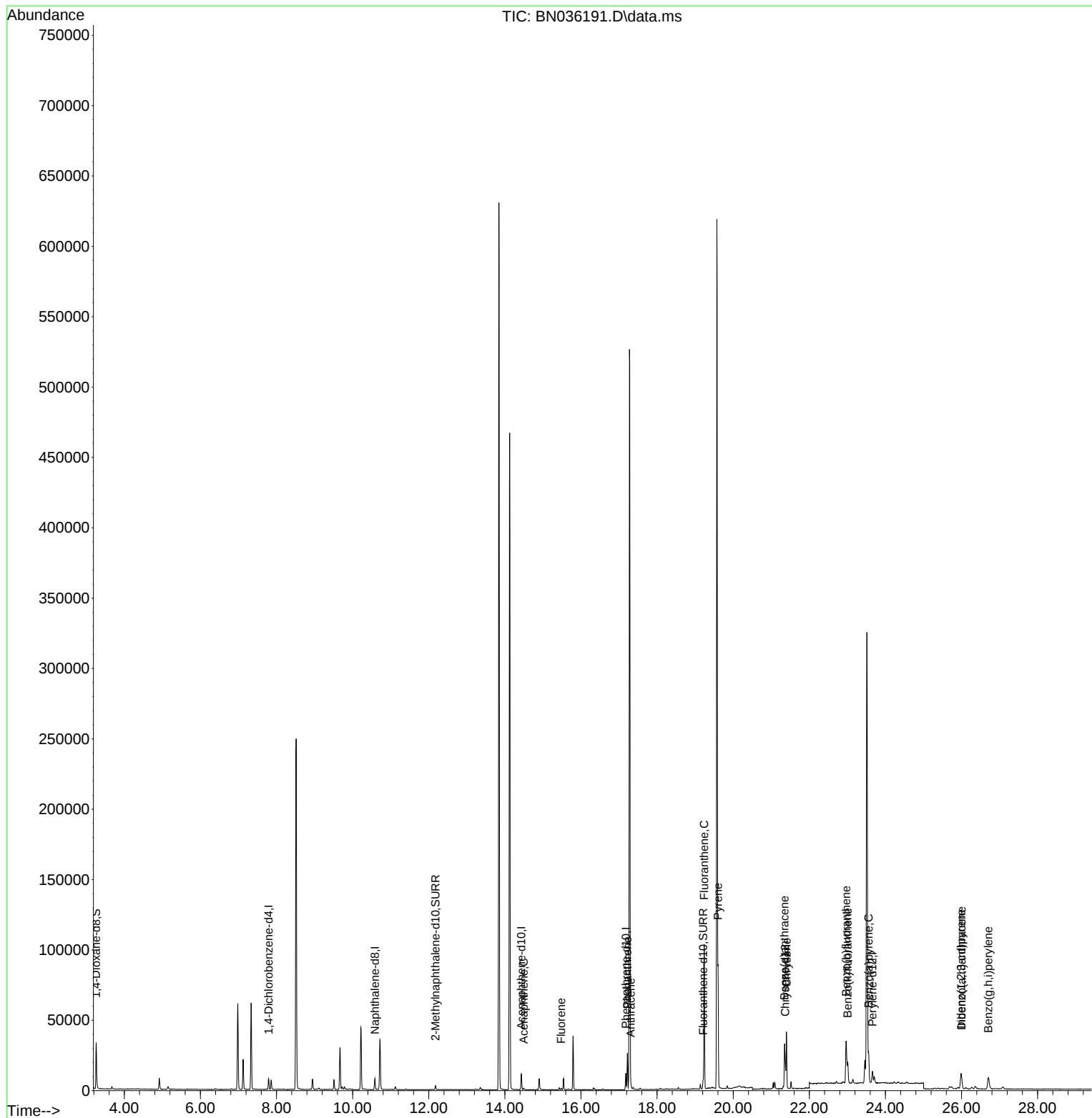
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036191.D
Acq On : 01 Feb 2025 05:40
Operator : RC/JU
Sample : Q1224-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

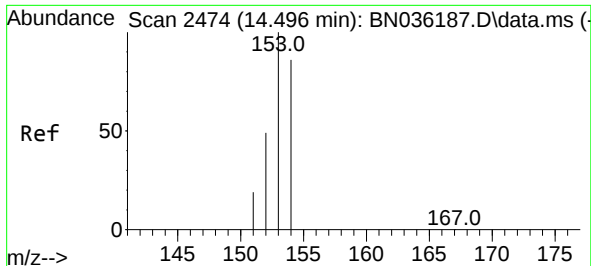
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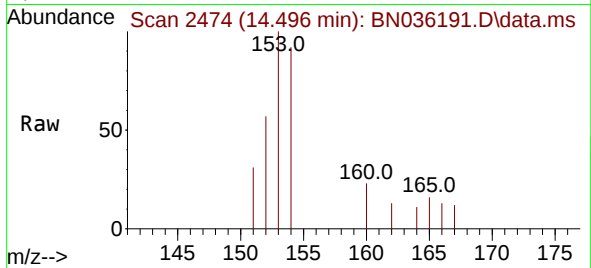
Quant Time: Feb 03 11:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.496 min Scan# 2474
Delta R.T. -0.018 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

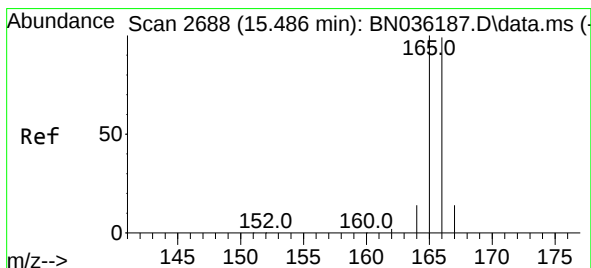
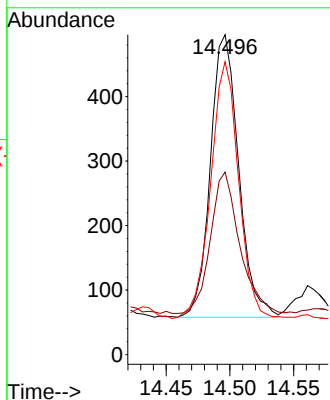
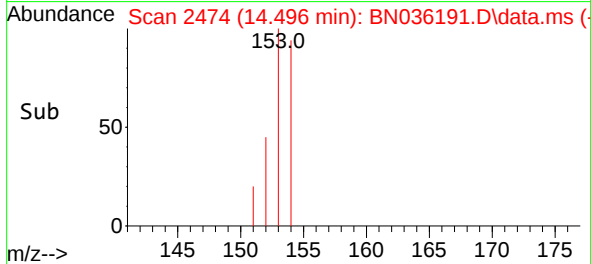
Instrument :
BNA_N
ClientSampleId :
A6305



Tgt Ion:153 Resp: 679
Ion Ratio Lower Upper
153 100
152 57.1 43.2 64.8
154 91.5 70.5 105.7

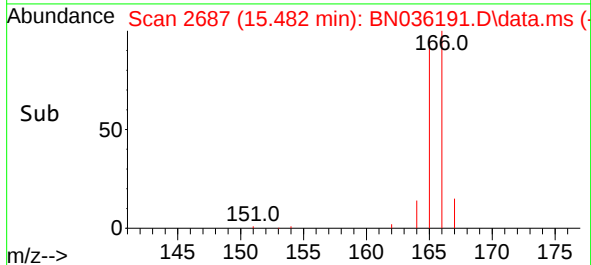
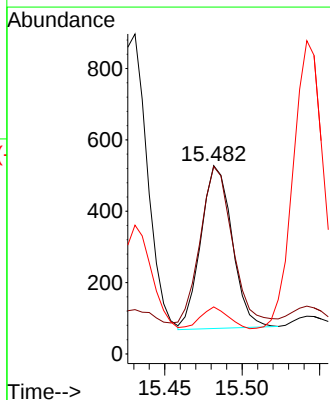
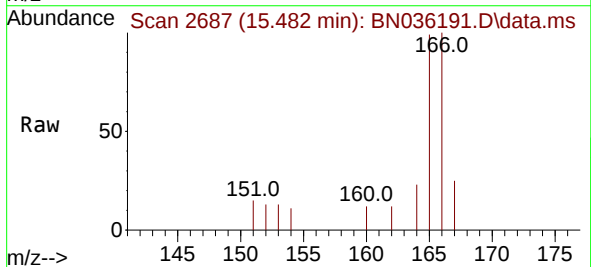
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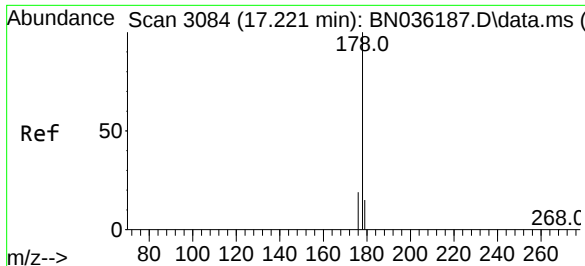
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.028 ng/u1
RT: 15.482 min Scan# 2687
Delta R.T. -0.018 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

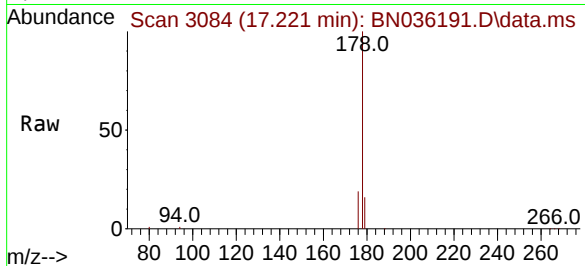
Tgt Ion:166 Resp: 640
Ion Ratio Lower Upper
166 100
165 99.4 80.3 120.5
167 25.0 12.3 18.5#





#15
Phenanthrene
Concen: 0.684 ng/ul
RT: 17.221 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

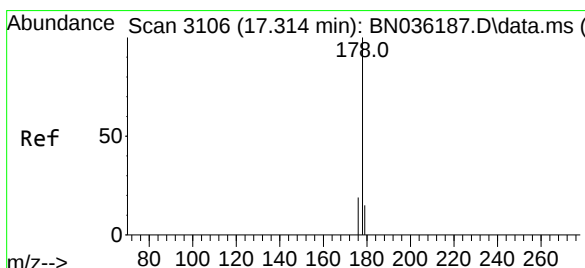
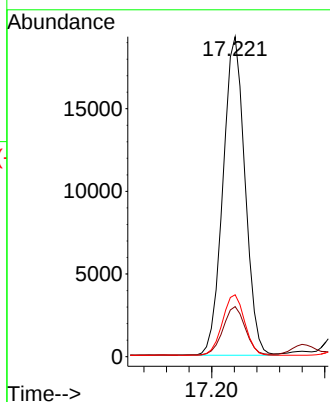
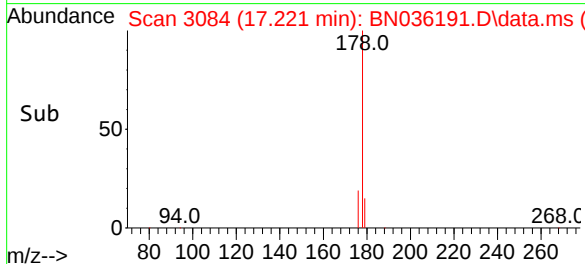
Instrument : BNA_N
ClientSampleId : A6305



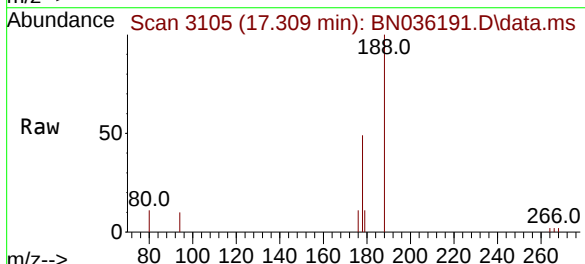
Tgt Ion:178 Resp: 2605
Ion Ratio Lower Upper
178 100
179 15.6 13.2 19.8
176 19.3 16.8 25.2

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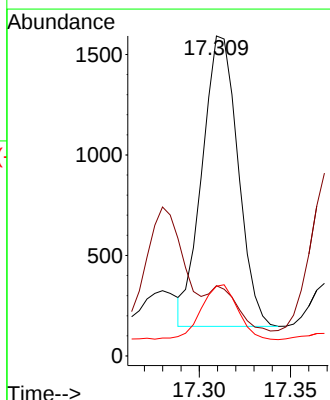
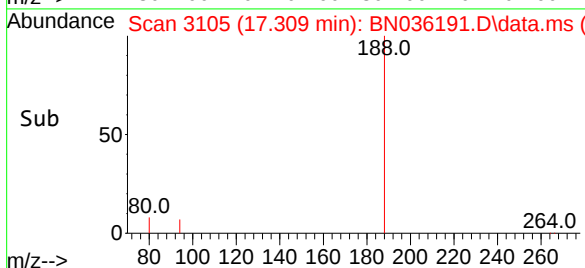
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

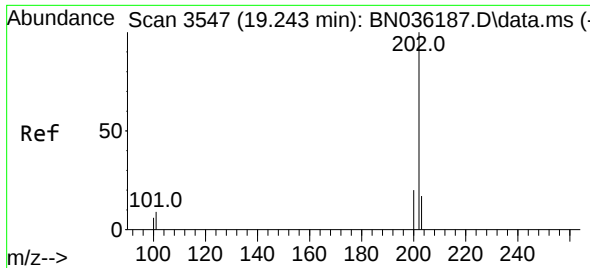


#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.309 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40



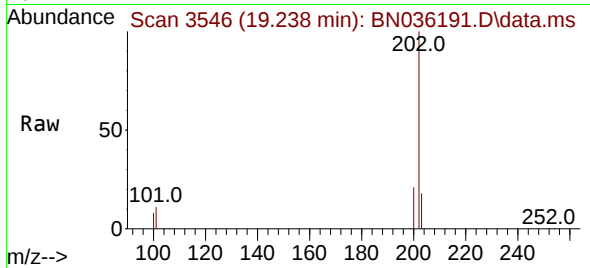
Tgt Ion:178 Resp: 1971
Ion Ratio Lower Upper
178 100
179 21.9 13.0 19.4#
176 21.8 15.9 23.9





#19
Fluoranthene
Concen: 1.768 ng/u1
RT: 19.238 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

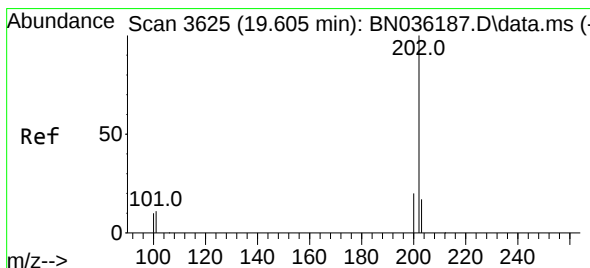
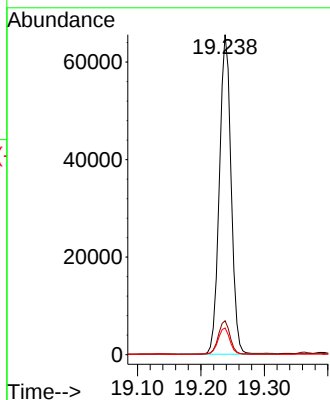
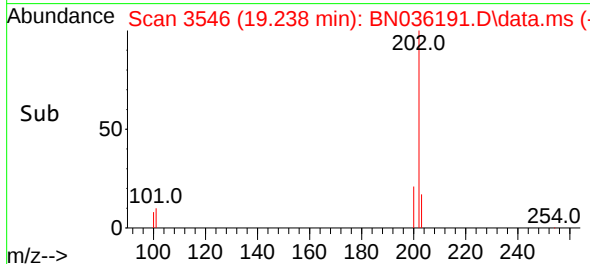
Instrument :
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ClientSampleId :
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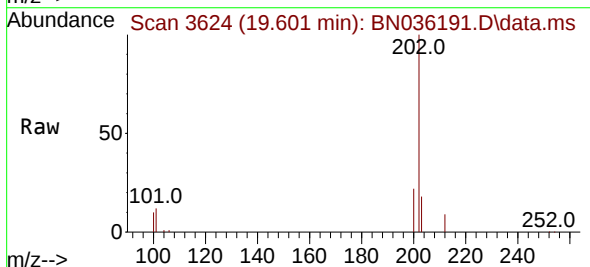
Tgt Ion:202 Resp: 84008
Ion Ratio Lower Upper
202 100
101 10.6 8.4 12.6
100 8.3 6.5 9.7

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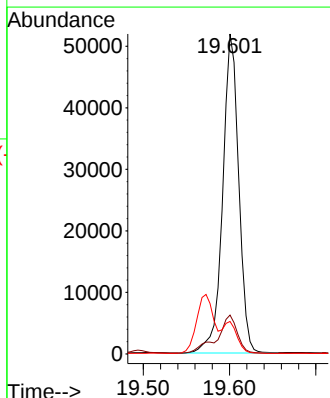
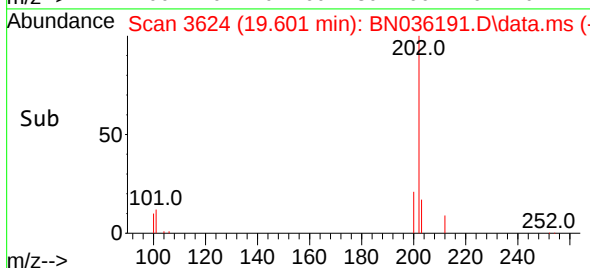
Reviewed By :Jagrut Upadhyay 02/03/2025
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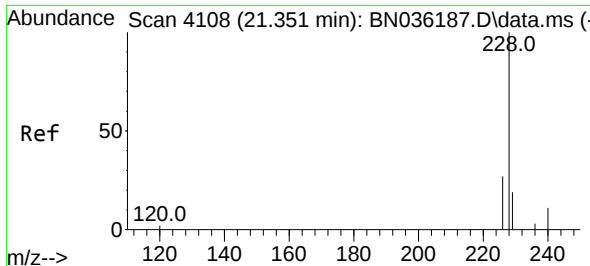


#20
Pyrene
Concen: 1.353 ng/u1
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40



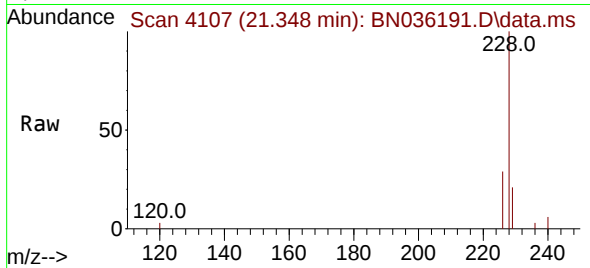
Tgt Ion:202 Resp: 67131
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 10.2 7.5 11.3





#21
Benzo(a)anthracene
Concen: 0.565 ng/u1
RT: 21.348 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

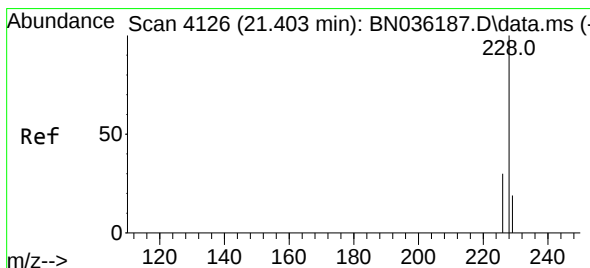
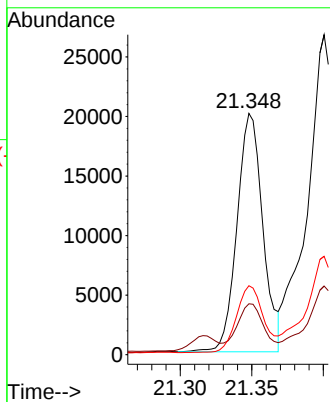
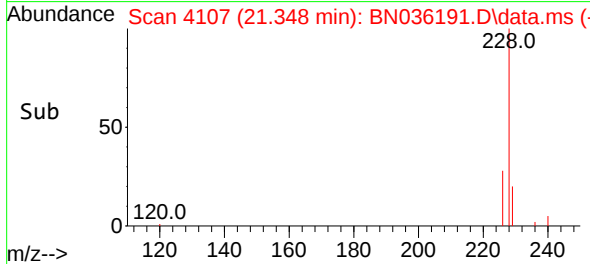
Instrument :
BNA_N
ClientSampleId :
A6305



Tgt Ion:228 Resp: 2523
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 28.6 22.8 34.2

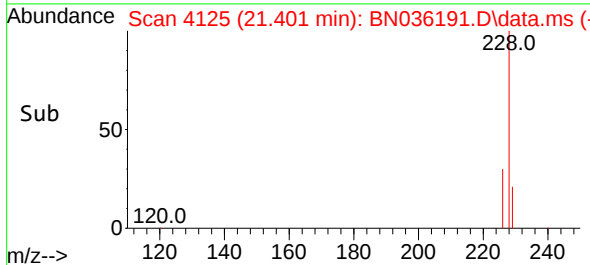
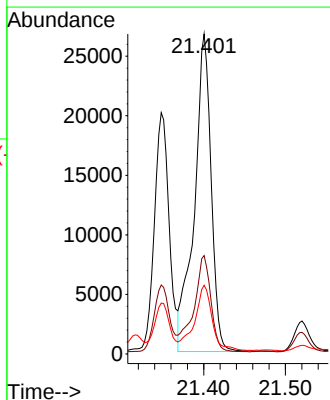
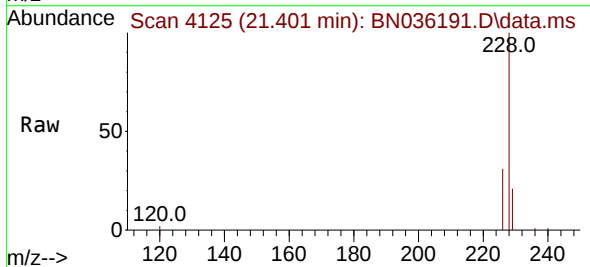
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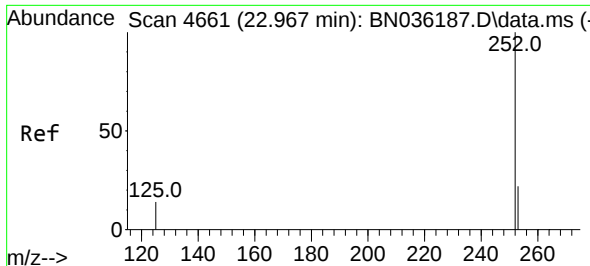
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Chrysene
Concen: 0.838 ng/u1
RT: 21.401 min Scan# 4125
Delta R.T. -0.006 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

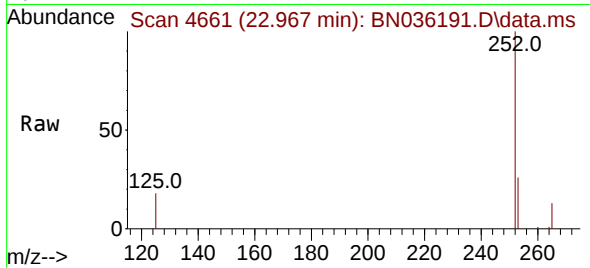
Tgt Ion:228 Resp: 38207
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.335 ng/ul m
RT: 22.967 min Scan# 4661
Delta R.T. -0.006 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

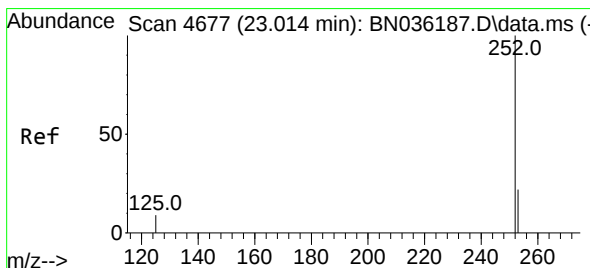
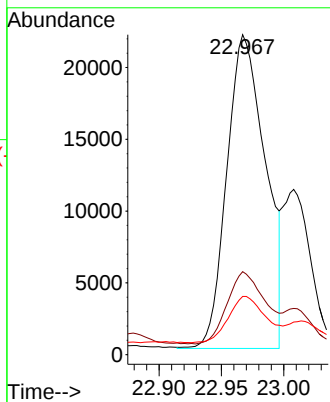
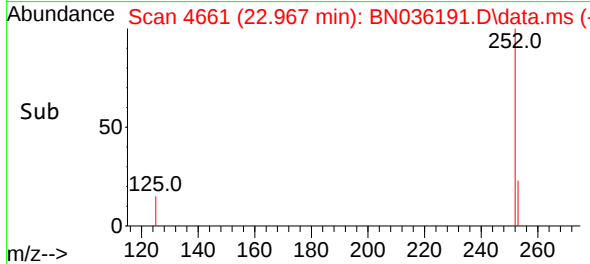
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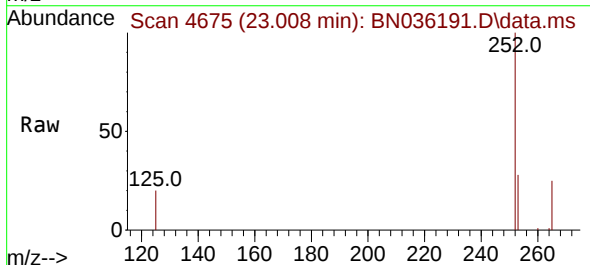
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Ion Ratio Lower Upper
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253 26.0 0.0 51.2
125 18.2 0.0 27.8

Manual Integrations
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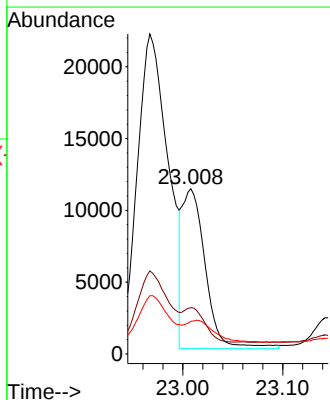
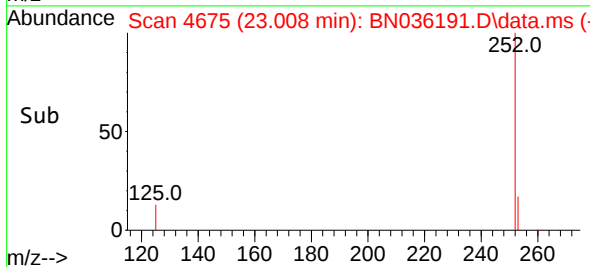
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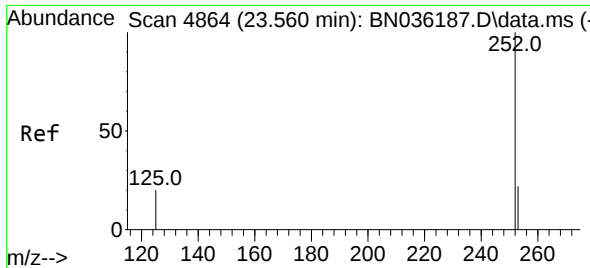


#25
Benzo(k)fluoranthene
Concen: 0.480 ng/ul m
RT: 23.008 min Scan# 4675
Delta R.T. -0.012 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40



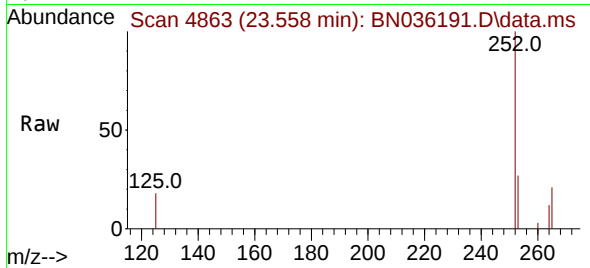
Tgt Ion:252 Resp: 17797
Ion Ratio Lower Upper
252 100
253 28.0 20.2 30.4
125 19.7 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.840 ng/ul
RT: 23.558 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

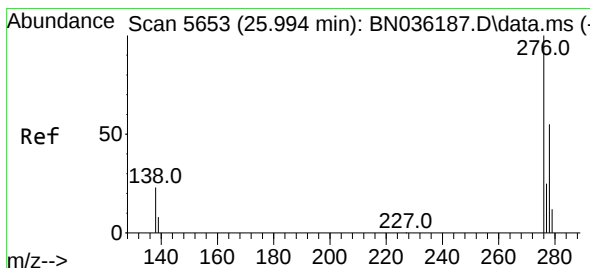
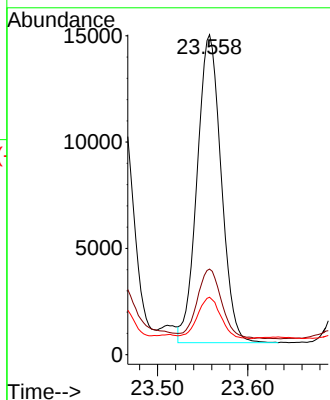
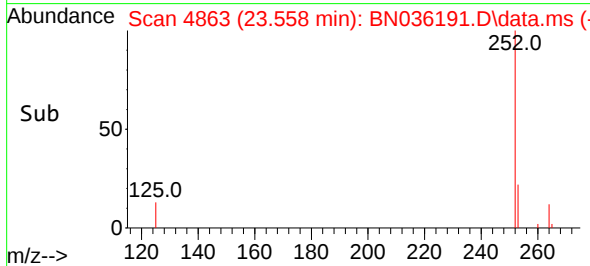
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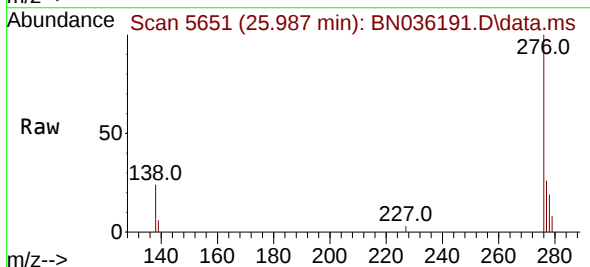
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253 26.8 22.2 33.4
125 17.9 13.1 19.7

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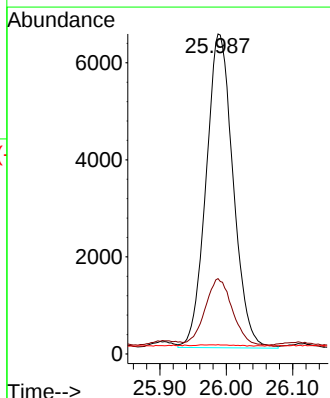
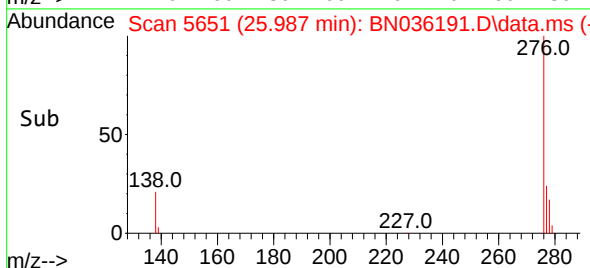
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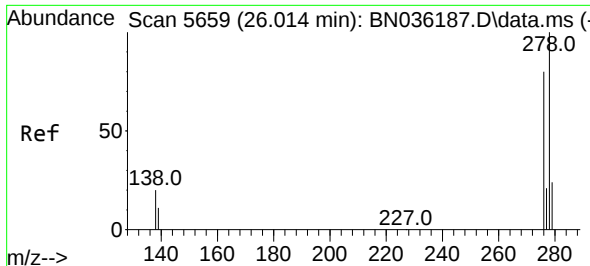


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 25.987 min Scan# 5651
Delta R.T. -0.017 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40



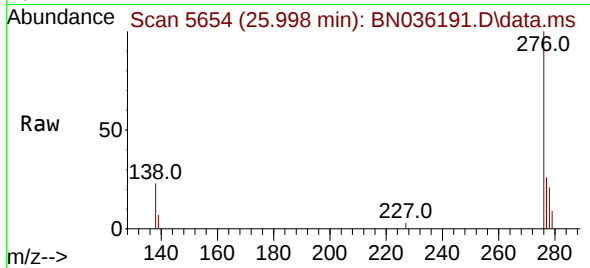
Tgt Ion:276 Resp: 18286
Ion Ratio Lower Upper
276 100
138 21.5 20.2 30.4
227 0.6 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 25.998 min Scan# 5654
Delta R.T. -0.023 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40

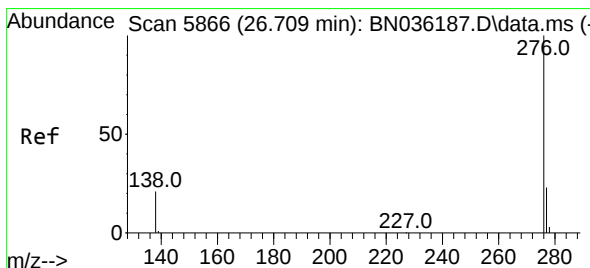
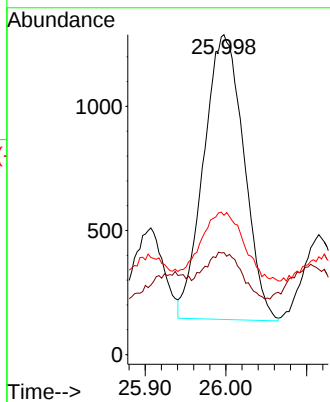
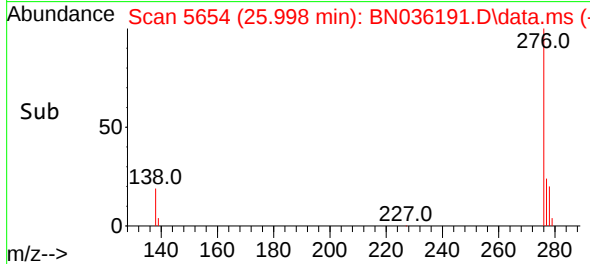
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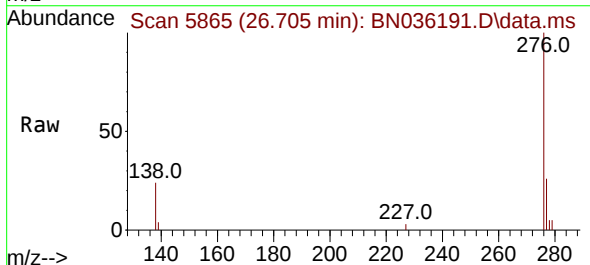
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Ion Ratio Lower Upper
278 100
139 31.9 15.4 23.2
279 43.5 22.2 33.4

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Supervised By :mohammad ahmed 02/04/2025



#29
Benzo(g,h,i)perylene
Concen: 0.539 ng/ul
RT: 26.705 min Scan# 5865
Delta R.T. -0.013 min
Lab File: BN036191.D
Acq: 01 Feb 2025 05:40



Tgt Ion:276 Resp: 17642
Ion Ratio Lower Upper
276 100
138 24.3 19.4 29.0
277 25.6 21.1 31.7

