

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036192.D
 Acq On : 01 Feb 2025 06:16
 Operator : RC/JU
 Sample : Q1224-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6302

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 12:01:45 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	2710	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	7265	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	4401	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.178	188	9660	0.400	ng/ul	-0.01
17) Chrysene-d12	21.366	240	10363	0.400	ng/ul	# 0.00
23) Perylene-d12	23.657	264	10603	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	7219	2.433	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1073	0.117	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	1763	0.062	ng/ul	0.00
Target Compounds						
					Qvalue	
12) Fluorene	15.482	166	387	0.023	ng/ul#	91
15) Phenanthrene	17.221	178	22678	0.802	ng/ul	97
16) Anthracene	17.309	178	1861	0.071	ng/ul#	91
19) Fluoranthene	19.238	202	96858	2.459	ng/ul	100
20) Pyrene	19.601	202	79323	1.929	ng/ul	100
21) Benzo(a)anthracene	21.348	228	32928	0.890	ng/ul	99
22) Chrysene	21.401	228	49201	1.302	ng/ul	99
24) Benzo(b)fluoranthene	22.967	252	70171m	1.983	ng/ul	
25) Benzo(k)fluoranthene	23.008	252	26188m	0.704	ng/ul	
26) Benzo(a)pyrene	23.558	252	41197	1.289	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.988	276	30430	0.720	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.001	278	6520	0.200	ng/ul#	82
29) Benzo(g,h,i)perylene	26.712	276	29284	0.892	ng/ul	98

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

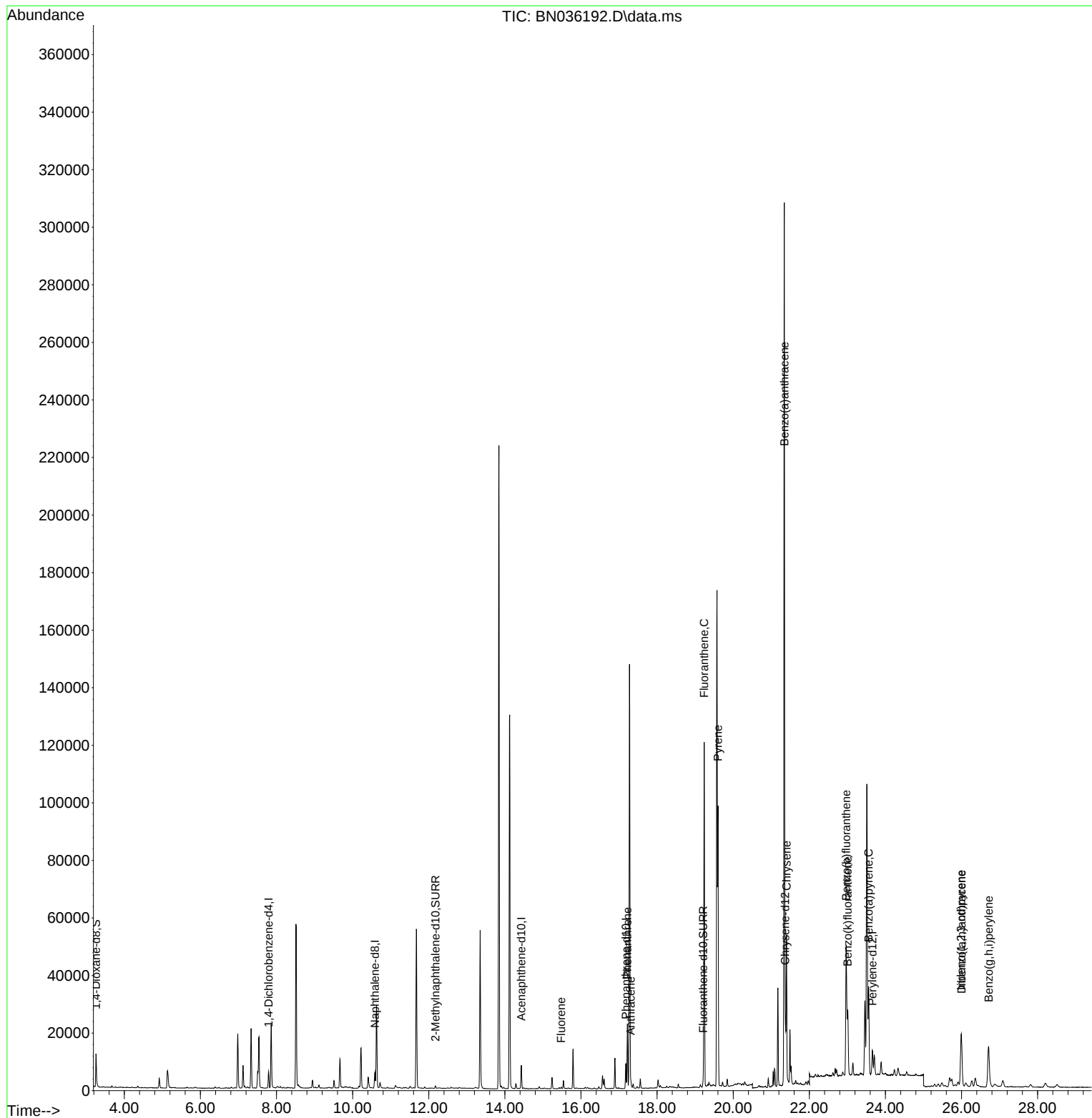
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036192.D
Acq On : 01 Feb 2025 06:16
Operator : RC/JU
Sample : Q1224-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

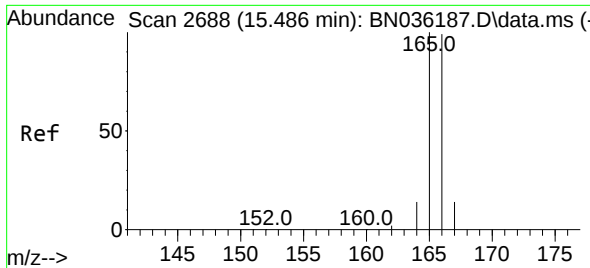
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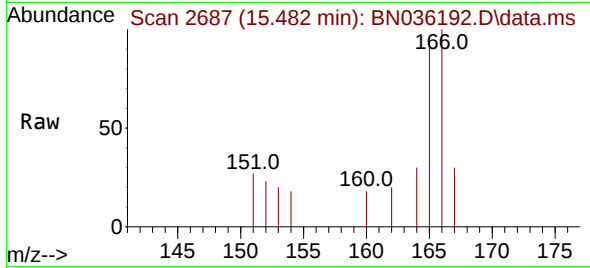
Quant Time: Feb 03 12:01:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.482 min Scan# 20
Delta R.T. -0.019 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16

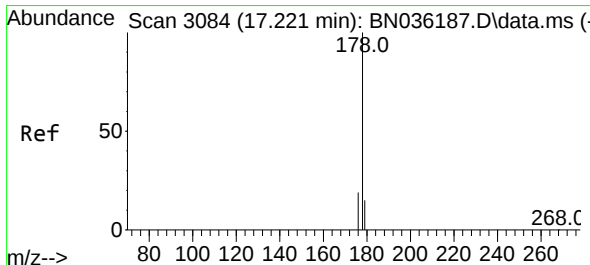
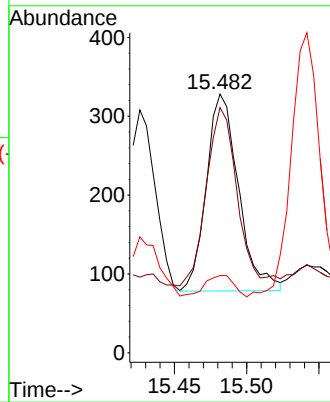
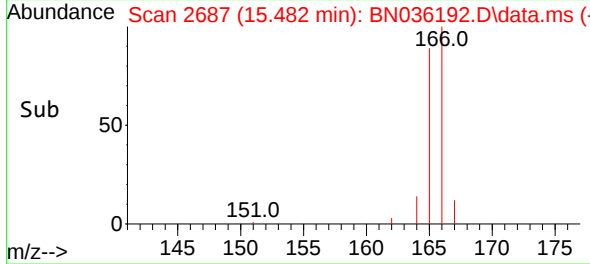
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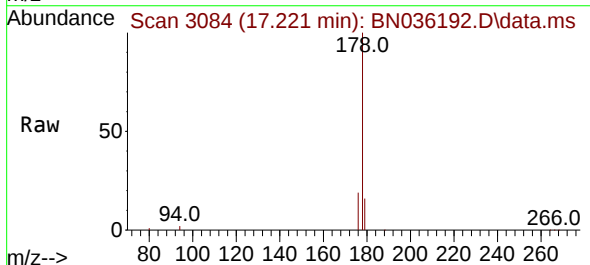
Tgt Ion:166 Resp: 38
Ion Ratio Lower Upper
166 100
165 94.8 80.3 120.5
167 29.9 12.3 18.5

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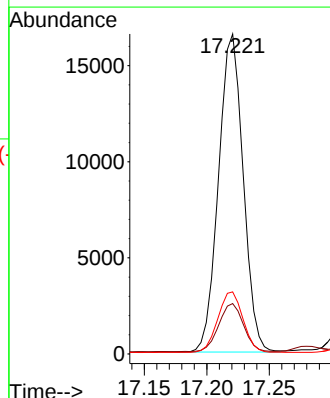
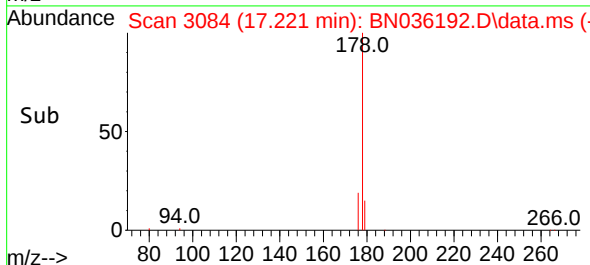
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

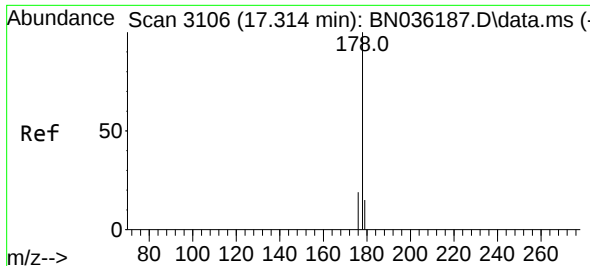


#15
Phenanthrene
Concen: 0.802 ng/ul
RT: 17.221 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16



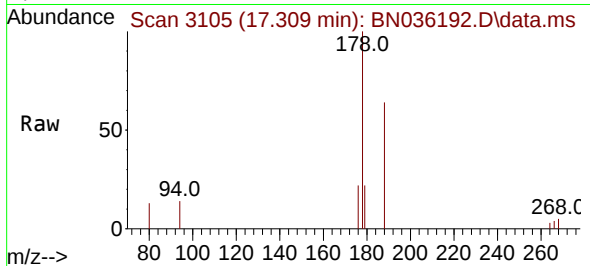
Tgt Ion:178 Resp: 22678
Ion Ratio Lower Upper
178 100
179 15.7 13.2 19.8
176 19.4 16.8 25.2





#16
 Anthracene
 Concen: 0.071 ng/ul
 RT: 17.309 min Scan# 3105
 Delta R.T. -0.013 min
 Lab File: BN036192.D
 Acq: 01 Feb 2025 06:16

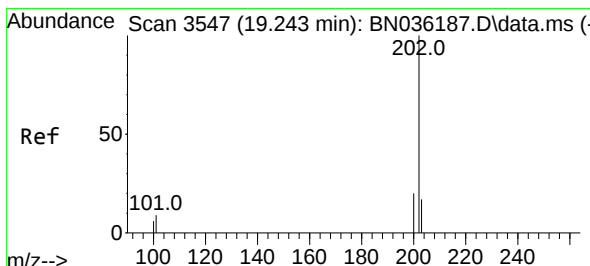
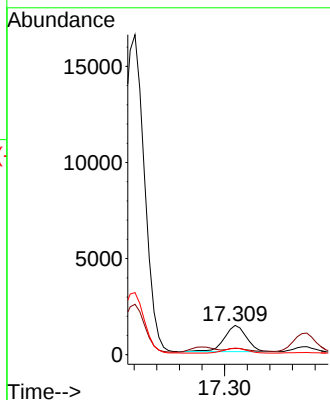
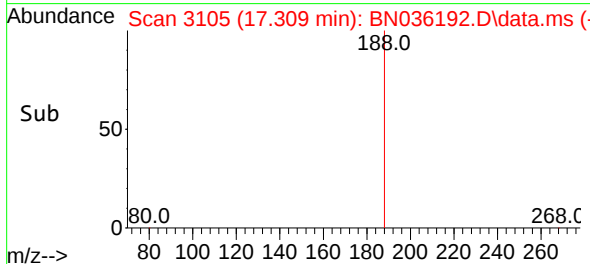
Instrument :
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Tgt Ion:178 Resp: 186
 Ion Ratio Lower Upper
 178 100
 179 21.6 13.0 19.4
 176 22.3 15.9 23.9

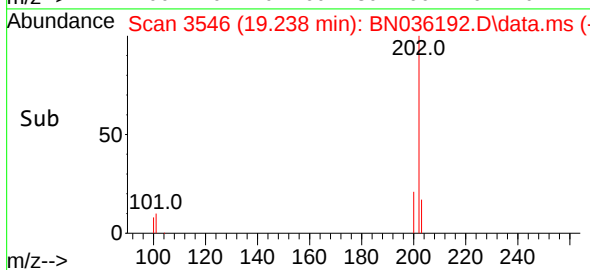
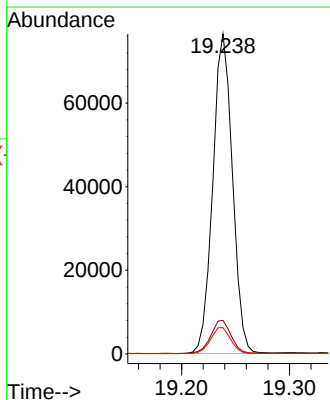
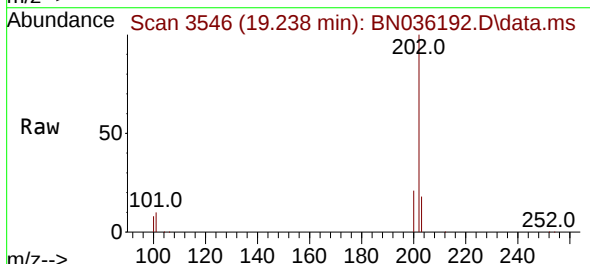
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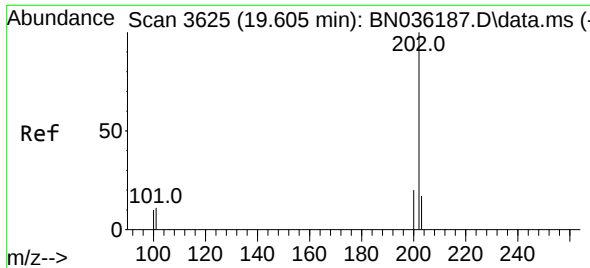
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#19
 Fluoranthene
 Concen: 2.459 ng/ul
 RT: 19.238 min Scan# 3546
 Delta R.T. -0.009 min
 Lab File: BN036192.D
 Acq: 01 Feb 2025 06:16

Tgt Ion:202 Resp: 96858
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.4 12.6
 100 8.2 6.5 9.7





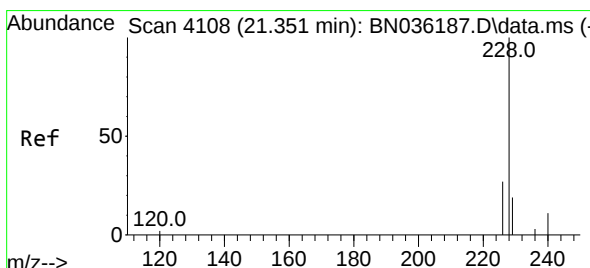
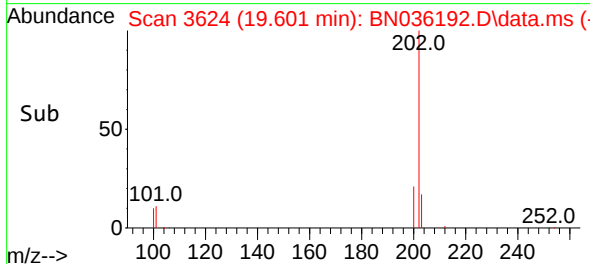
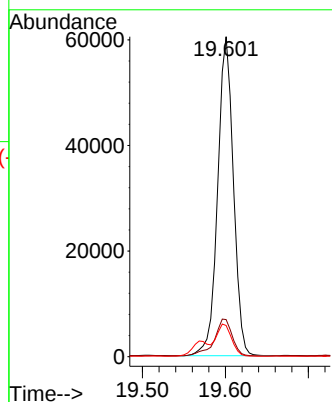
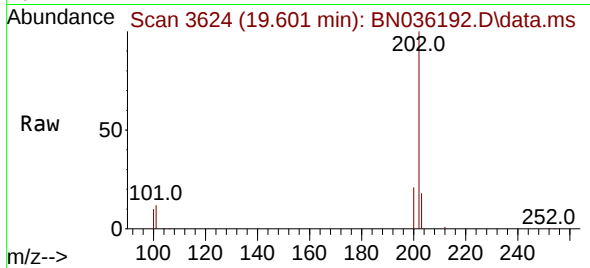
#20
Pyrene
Concen: 1.929 ng/ul
RT: 19.601 min Scan# 3625
Delta R.T. -0.009 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16

Instrument :
BNA_N
ClientSampleId :
A6302

Tgt Ion:202 Resp: 7932
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 9.7 7.5 11.3

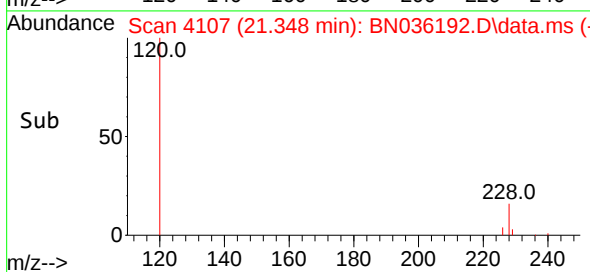
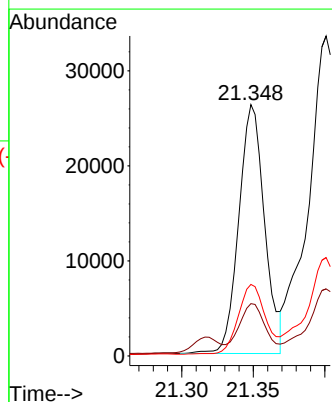
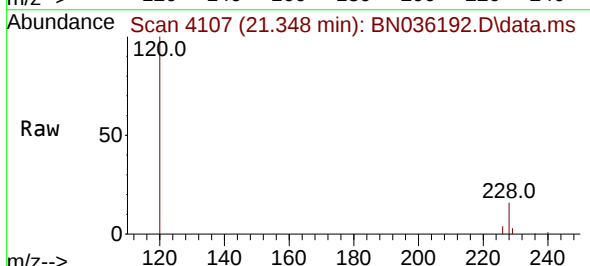
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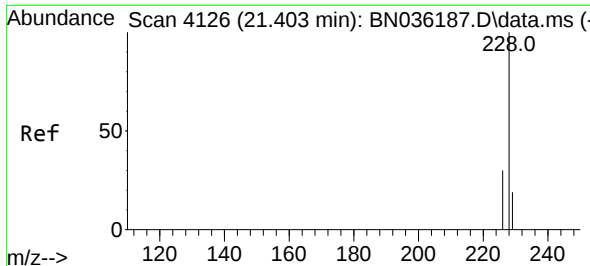
Reviewed By :Jagrut Upadhyay 02/03/2025
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#21
Benzo(a)anthracene
Concen: 0.890 ng/ul
RT: 21.348 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16

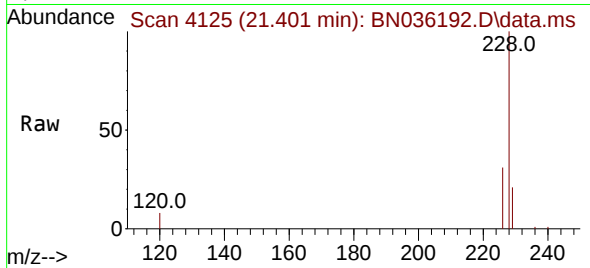
Tgt Ion:228 Resp: 32928
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.5 22.8 34.2





#22
Chrysene
Concen: 1.302 ng/ul
RT: 21.401 min Scan# 4125
Delta R.T. -0.005 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16

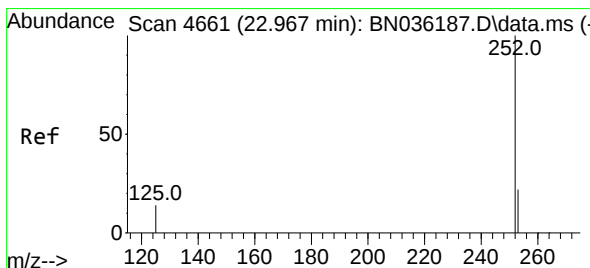
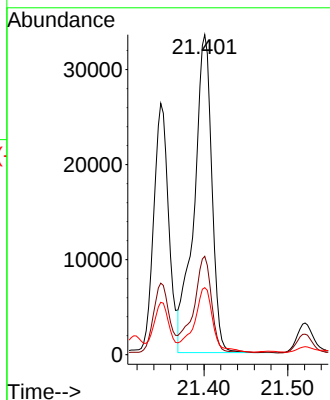
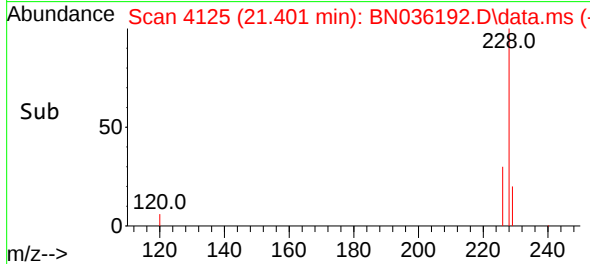
Instrument :
BNA_N
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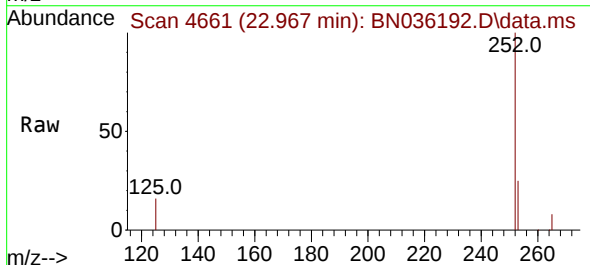
Tgt Ion:228 Resp: 4920
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 21.0 15.9 23.9

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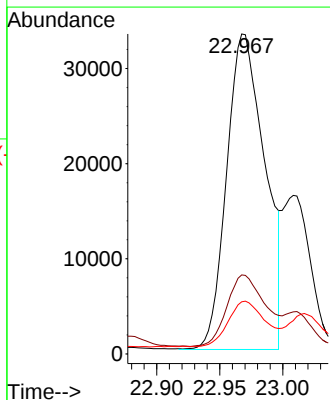
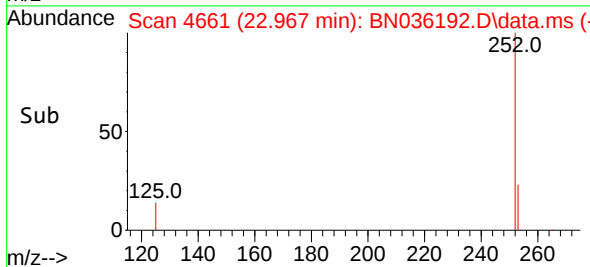
Reviewed By :Jagrut Upadhyay 02/03/2025
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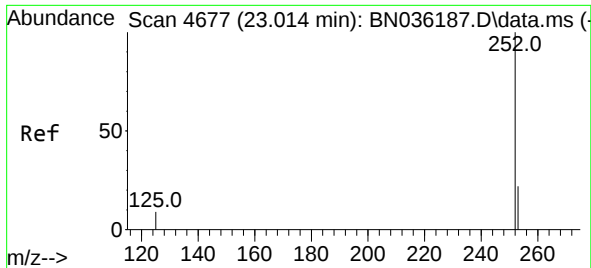


#24
Benzo(b)fluoranthene
Concen: 1.983 ng/ul m
RT: 22.967 min Scan# 4661
Delta R.T. -0.005 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16



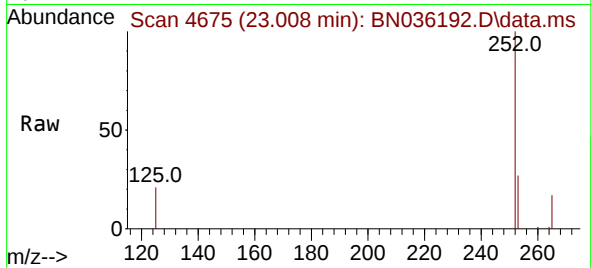
Tgt Ion:252 Resp: 70171
Ion Ratio Lower Upper
252 100
253 24.7 0.0 51.2
125 16.3 0.0 27.8





#25
Benzo(k)fluoranthene
Concen: 0.704 ng/ul m
RT: 23.008 min Scan# 4675
Delta R.T. -0.011 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16

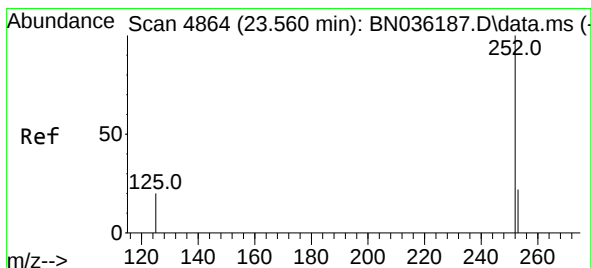
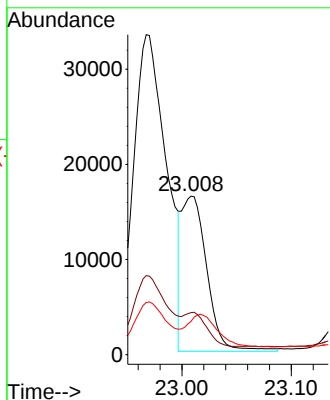
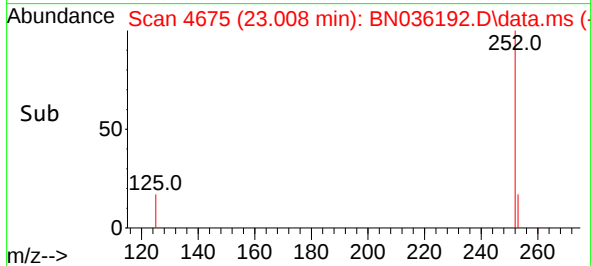
Instrument :
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Tgt Ion:252 Resp: 2618
Ion Ratio Lower Upper
252 100
253 26.5 20.2 30.4
125 21.0 10.6 16.0

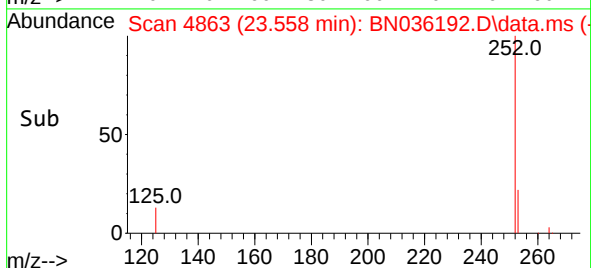
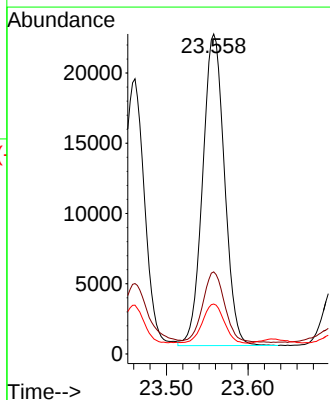
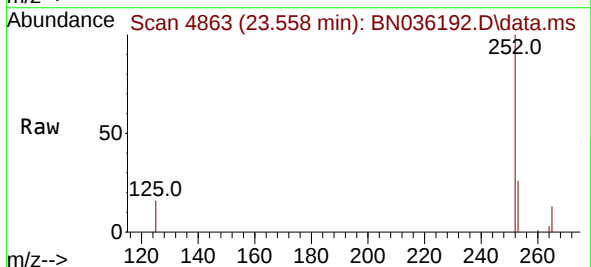
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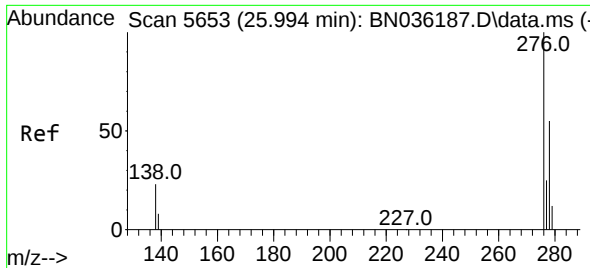
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#26
Benzo(a)pyrene
Concen: 1.289 ng/ul
RT: 23.558 min Scan# 4863
Delta R.T. -0.005 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16

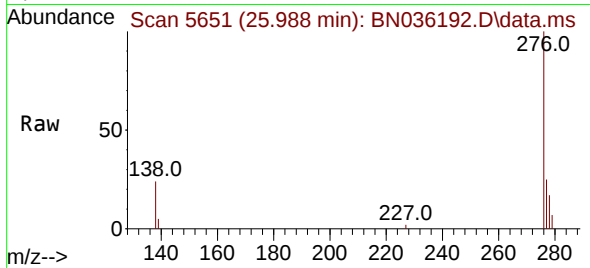
Tgt Ion:252 Resp: 41197
Ion Ratio Lower Upper
252 100
253 25.7 22.2 33.4
125 15.6 13.1 19.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.720 ng/ul
RT: 25.988 min Scan# 5651
Delta R.T. -0.016 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16

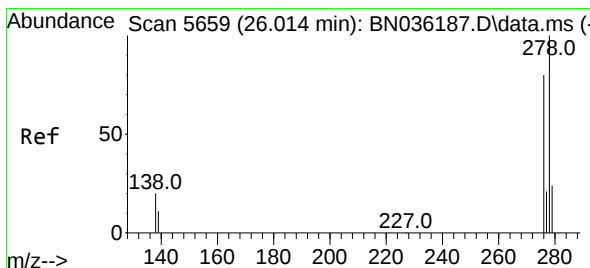
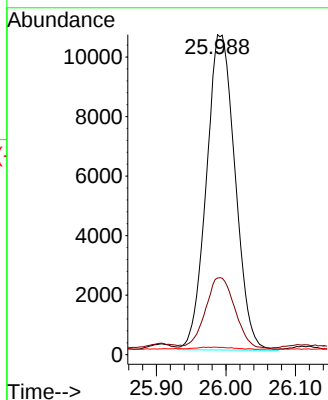
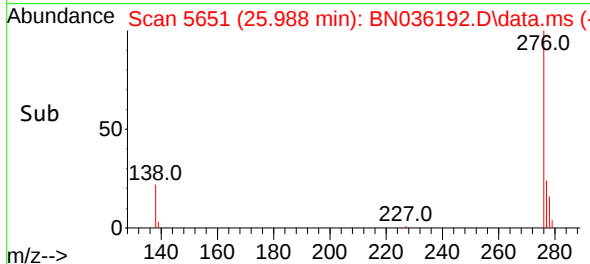
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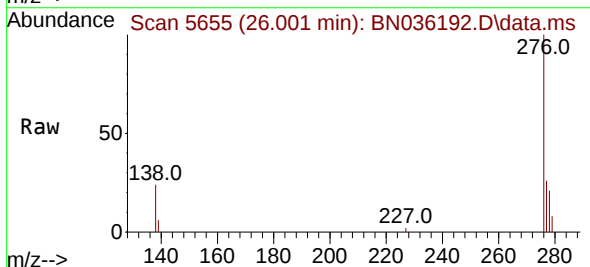
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Ion Ratio Lower Upper
276 100
138 22.7 20.2 30.4
227 0.0 0.1 0.1

Manual Integrations
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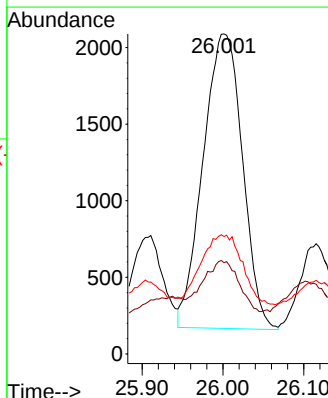
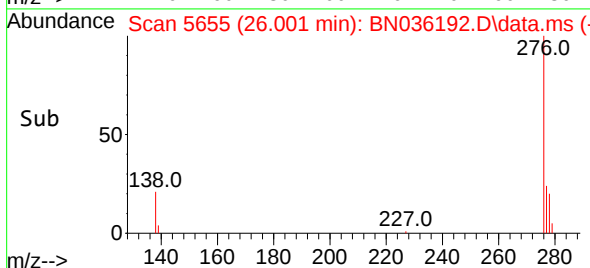
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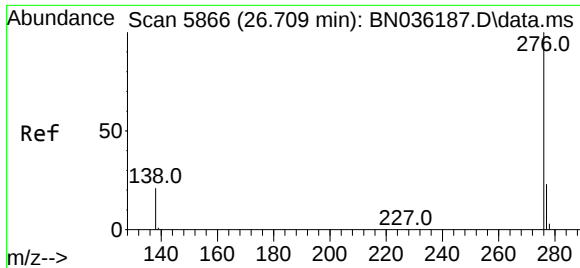


#28
Dibenzo(a,h)anthracene
Concen: 0.200 ng/ul
RT: 26.001 min Scan# 5655
Delta R.T. -0.020 min
Lab File: BN036192.D
Acq: 01 Feb 2025 06:16



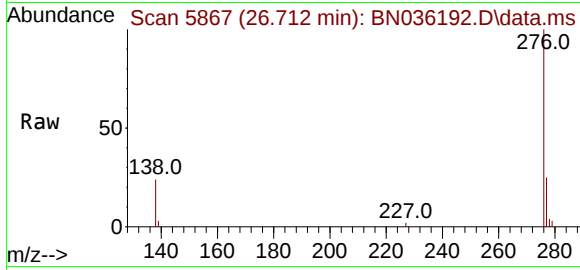
Tgt Ion:278 Resp: 6520
Ion Ratio Lower Upper
278 100
139 28.5 15.4 23.2#
279 36.7 22.2 33.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.892 ng/ul
 RT: 26.712 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: BN036192.D
 Acq: 01 Feb 2025 06:16

Instrument :
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 ClientSampleId :
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Tgt Ion:276 Resp: 29284
 Ion Ratio Lower Upper
 276 100
 138 23.5 19.4 29.0
 277 25.5 21.1 31.7

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