

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036272.D
 Acq On : 04 Feb 2025 22:55
 Operator : RC/JU
 Sample : Q1224-04DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6304DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 08:05:03 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	7.779	152	2834	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	6627	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.418	164	3663	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.163	188	7365	0.400	ng/ul	-0.01
17) Chrysene-d12	21.350	240	6712	0.400	ng/ul	#-0.01
23) Perylene-d12	23.633	264	7343m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	5386	1.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	724	0.087	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	1200	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.201	178	5737	0.266	ng/ul	99
16) Anthracene	17.293	178	572	0.029	ng/ul#	70
19) Fluoranthene	19.221	202	19655	0.771	ng/ul	95
20) Pyrene	19.583	202	16850	0.633	ng/ul#	95
21) Benzo(a)anthracene	21.333	228	5696	0.238	ng/ul	96
22) Chrysene	21.386	228	9364	0.383	ng/ul	97
24) Benzo(b)fluoranthene	22.946	252	13537m	0.552	ng/ul	
25) Benzo(k)fluoranthene	22.990	252	5314m	0.206	ng/ul	
26) Benzo(a)pyrene	23.534	252	8104	0.366	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.954	276	6970	0.238	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.960	278	1516	0.067	ng/ul#	42
29) Benzo(g,h,i)perylene	26.665	276	7044	0.310	ng/ul	96

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

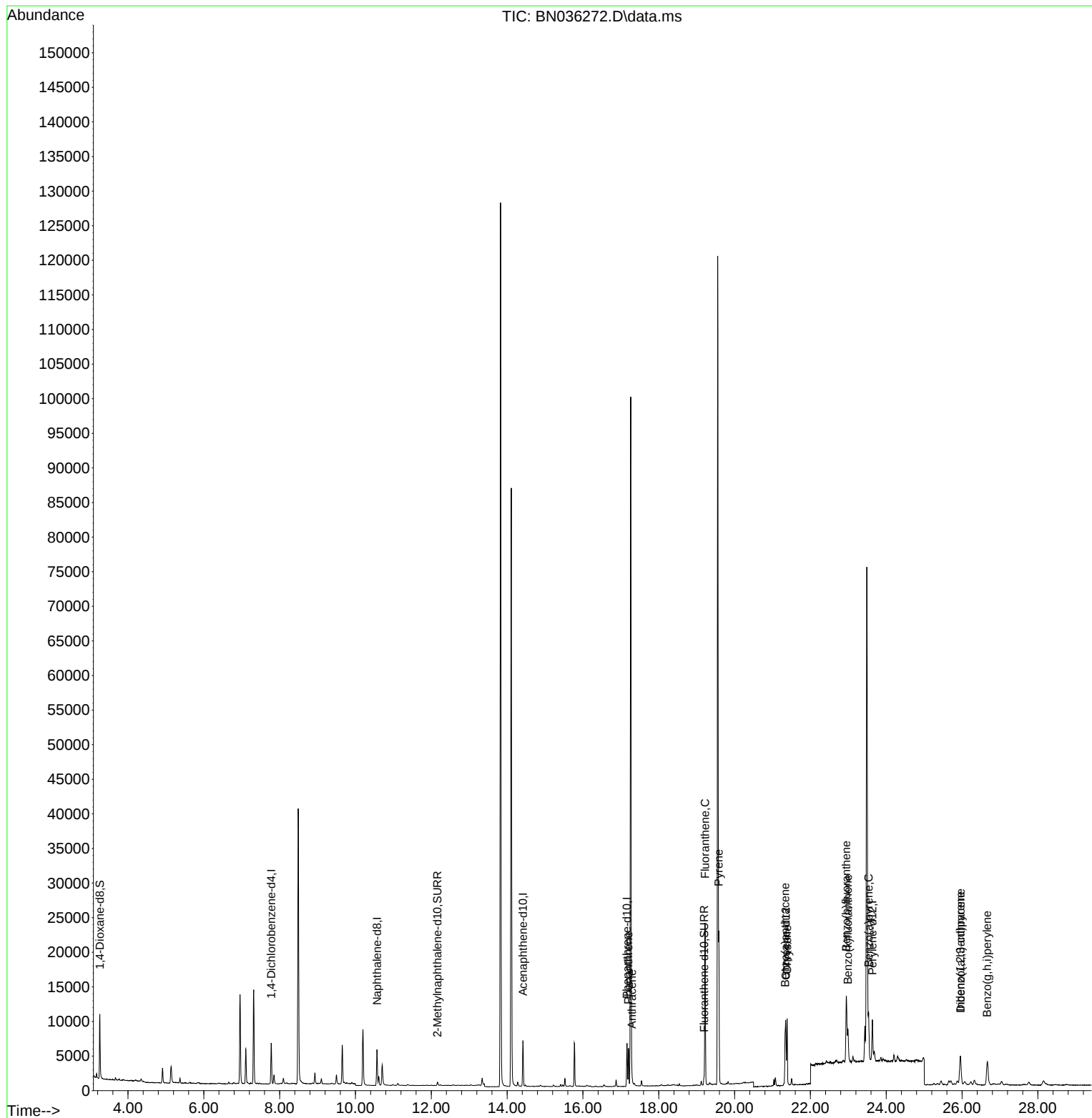
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036272.D
Acq On : 04 Feb 2025 22:55
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ALS Vial : 19 Sample Multiplier: 1

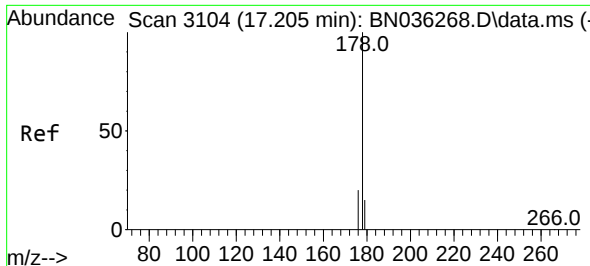
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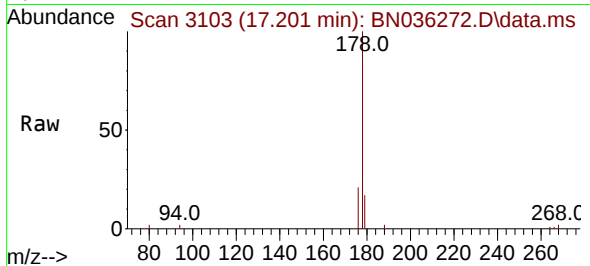
Quant Time: Feb 05 08:05:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.266 ng/u1
RT: 17.201 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

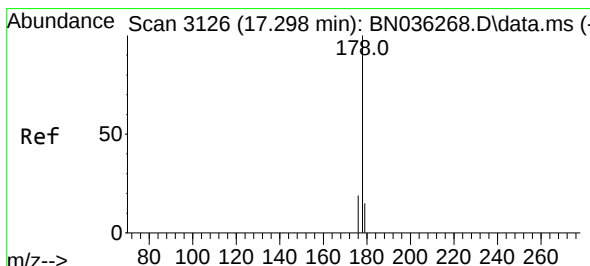
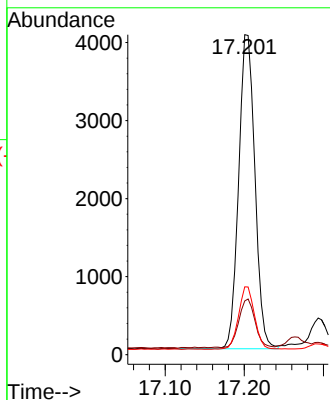
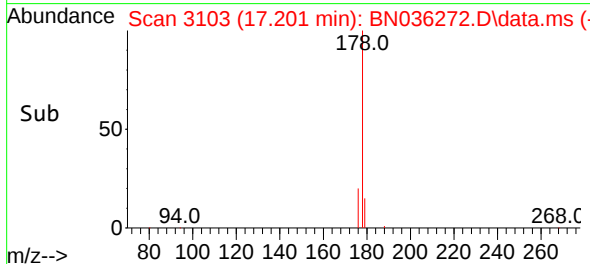
Instrument :
BNA_N
ClientSampleId :
A6304DL



Tgt Ion:178 Resp: 573
Ion Ratio Lower Upper
178 100
179 16.8 13.2 19.8
176 21.2 16.8 25.2

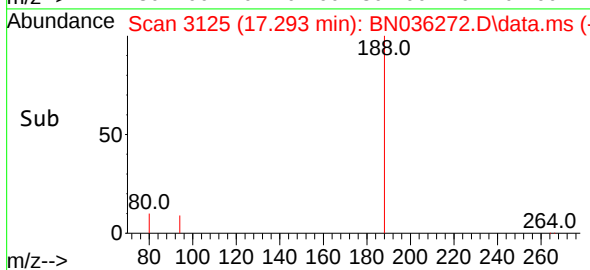
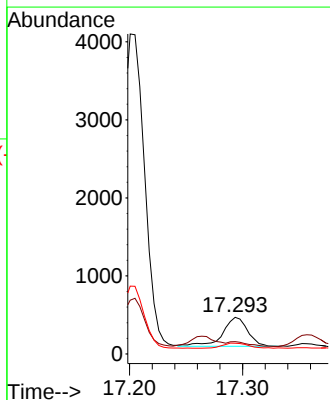
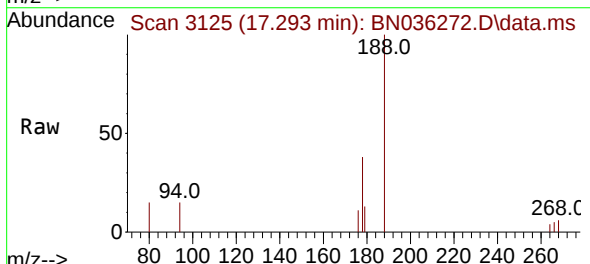
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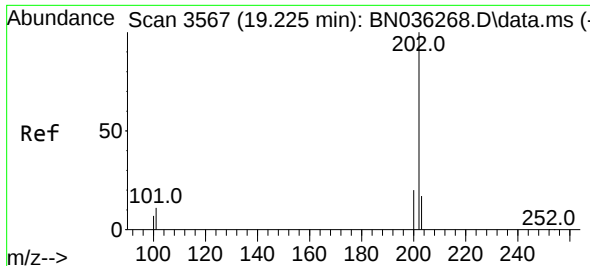
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#16
Anthracene
Concen: 0.029 ng/u1
RT: 17.293 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

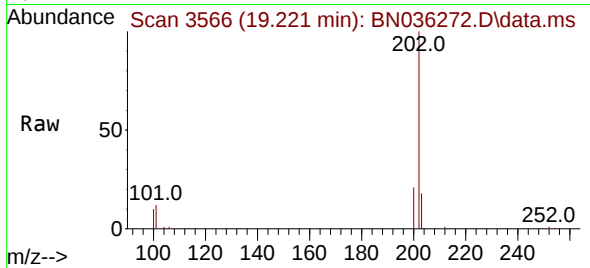
Tgt Ion:178 Resp: 572
Ion Ratio Lower Upper
178 100
179 33.6 13.0 19.4#
176 29.4 15.9 23.9#





#19
Fluoranthene
Concen: 0.771 ng/ul
RT: 19.221 min Scan# 3566
Delta R.T. -0.013 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

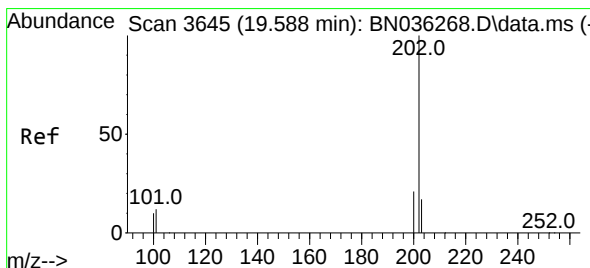
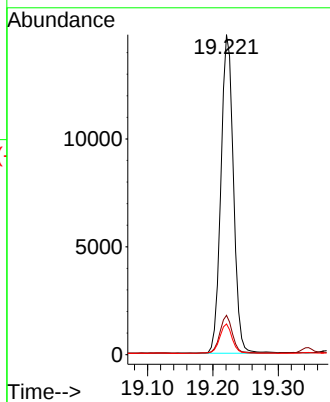
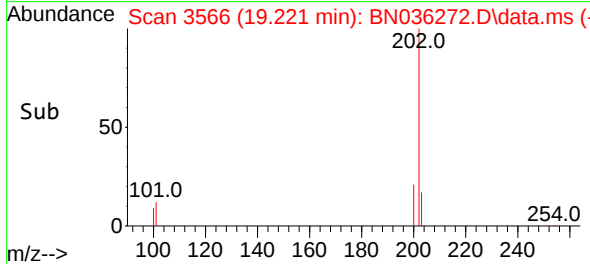
Instrument :
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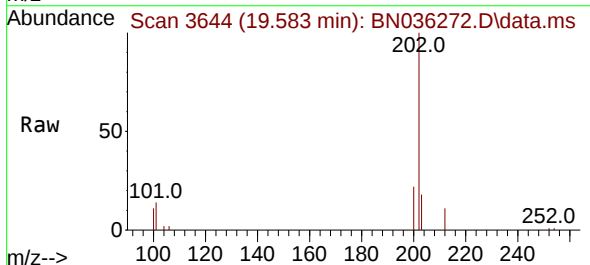
Tgt Ion:202 Resp: 1965
Ion Ratio Lower Upper
202 100
101 12.3 8.4 12.6
100 9.6 6.5 9.7

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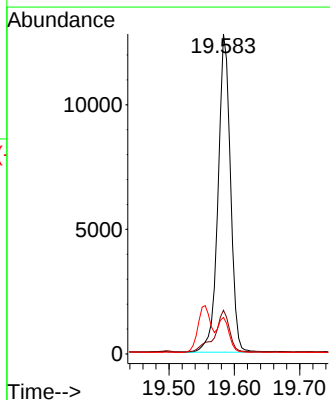
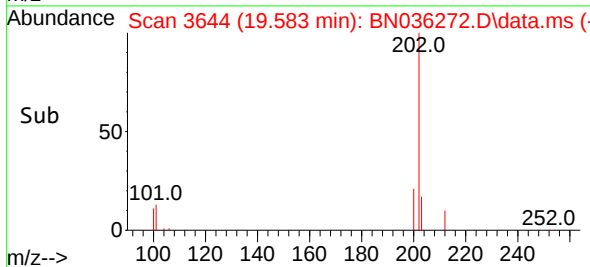
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

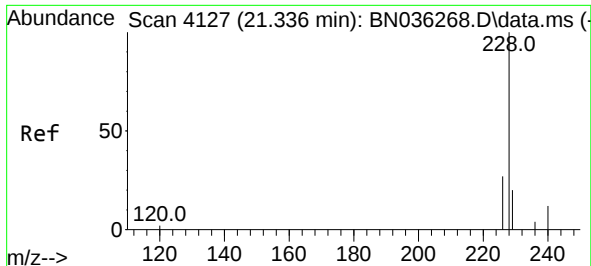


#20
Pyrene
Concen: 0.633 ng/ul
RT: 19.583 min Scan# 3644
Delta R.T. -0.013 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55



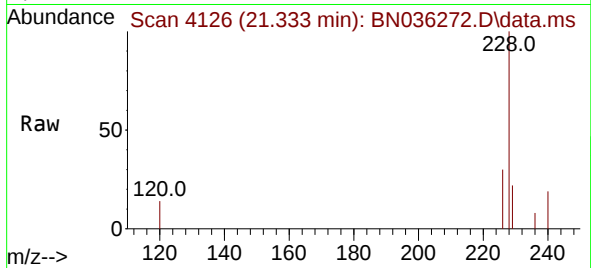
Tgt Ion:202 Resp: 16850
Ion Ratio Lower Upper
202 100
101 13.6 9.3 13.9
100 11.4 7.5 11.3#





#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.333 min Scan# 4127
Delta R.T. -0.013 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

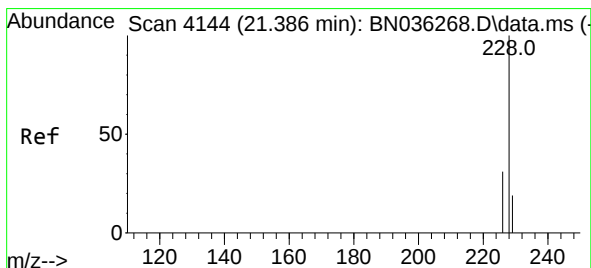
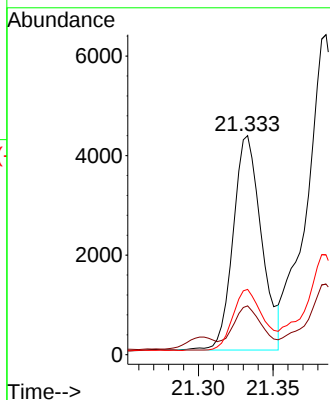
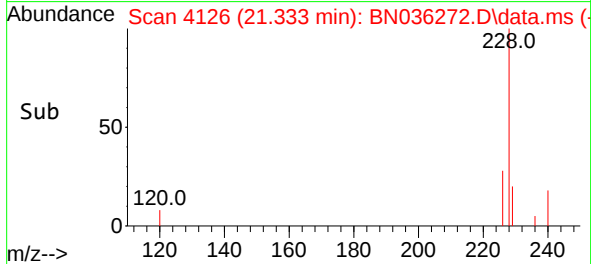
Instrument :
BNA_N
ClientSampleId :
A6304DL



Tgt Ion:228 Resp: 5690
Ion Ratio Lower Upper
228 100
229 22.3 15.9 23.9
226 29.8 22.8 34.2

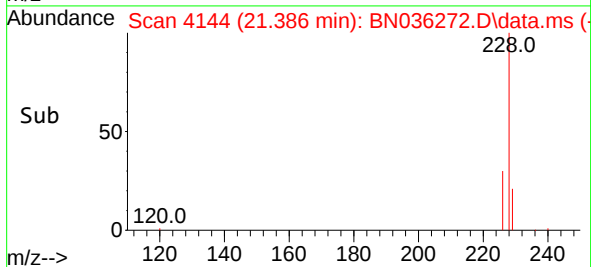
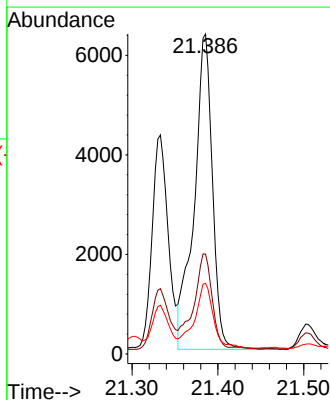
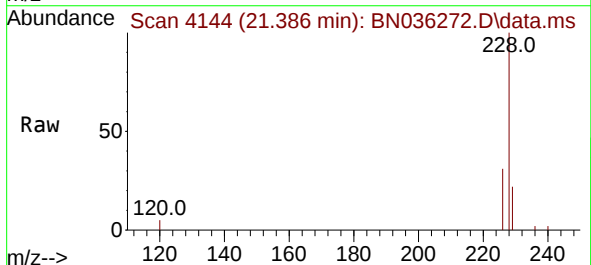
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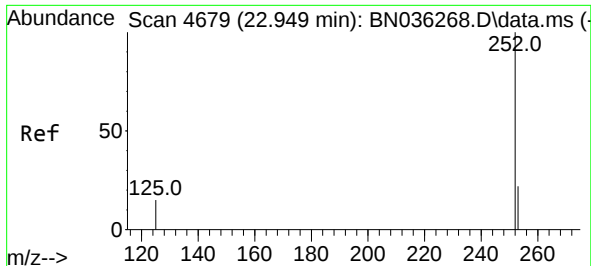
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#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.386 min Scan# 4144
Delta R.T. -0.013 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

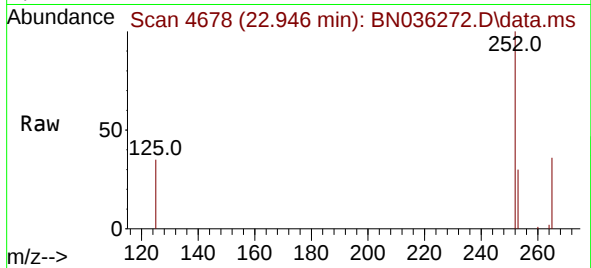
Tgt Ion:228 Resp: 9364
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 22.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.552 ng/ul m
RT: 22.946 min Scan# 4678
Delta R.T. -0.015 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

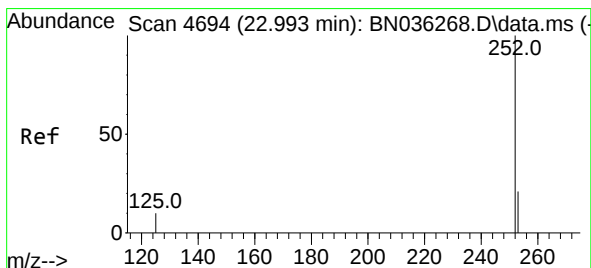
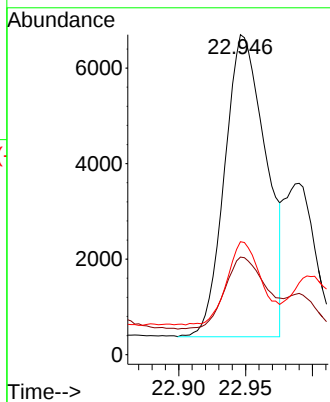
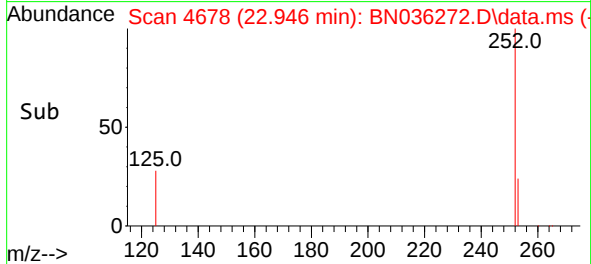
Instrument :
BNA_N
ClientSampleId :
A6304DL



Tgt Ion:252 Resp: 1353
Ion Ratio Lower Upper
252 100
253 30.5 0.0 51.2
125 35.3 0.0 27.8

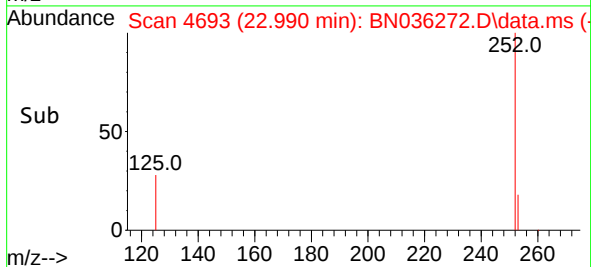
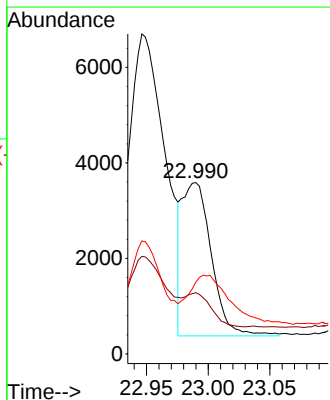
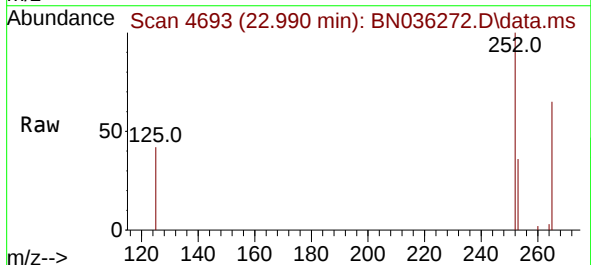
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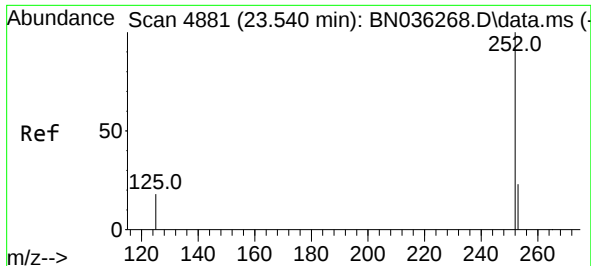
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#25
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 22.990 min Scan# 4693
Delta R.T. -0.018 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

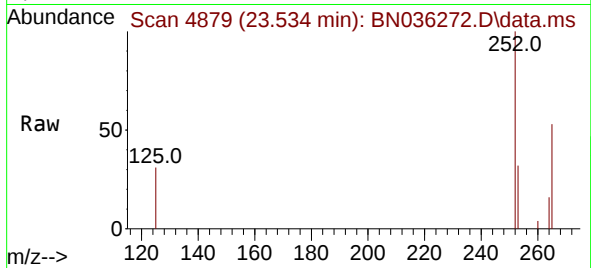
Tgt Ion:252 Resp: 5314
Ion Ratio Lower Upper
252 100
253 35.7 20.2 30.4#
125 41.9 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.366 ng/ul
RT: 23.534 min Scan# 4881
Delta R.T. -0.021 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

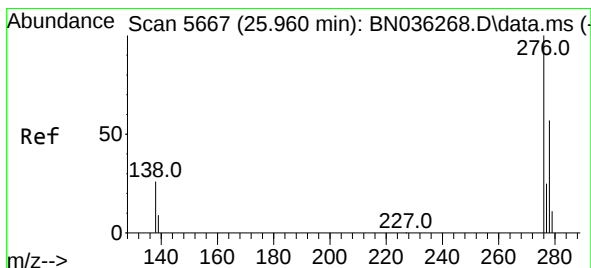
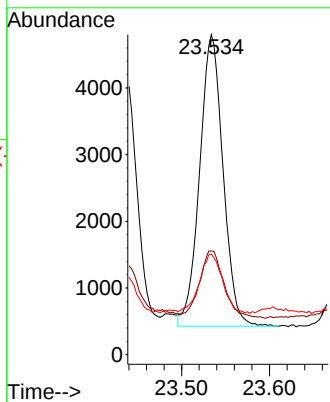
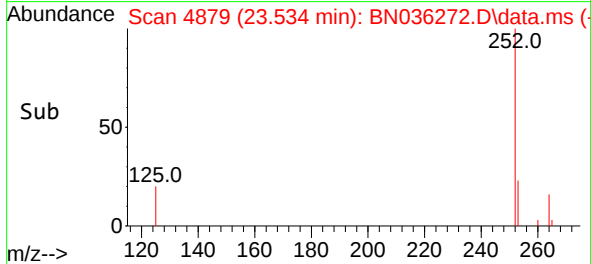
Instrument :
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A6304DL



Tgt Ion:252 Resp: 8104
Ion Ratio Lower Upper
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253 32.4 22.2 33.4
125 31.5 13.1 19.7

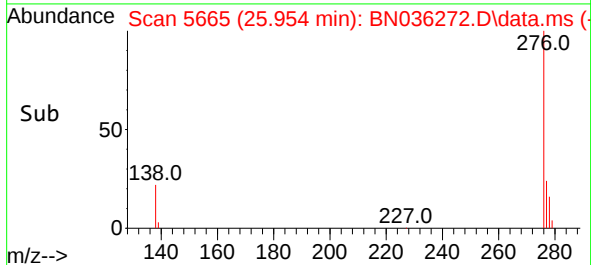
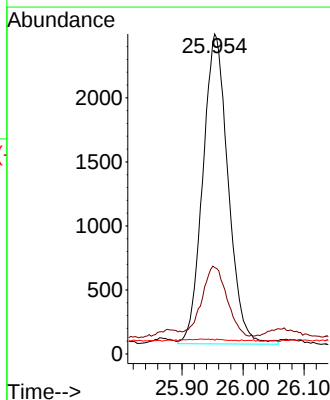
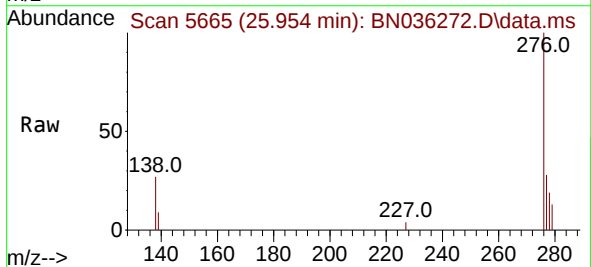
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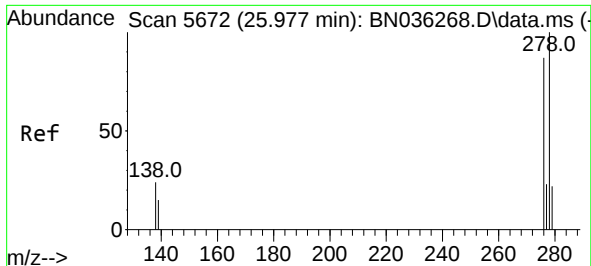
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.238 ng/ul
RT: 25.954 min Scan# 5665
Delta R.T. -0.034 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

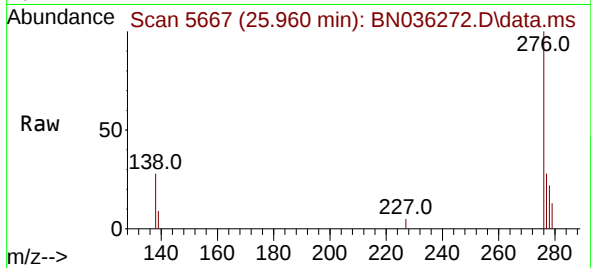
Tgt Ion:276 Resp: 6970
Ion Ratio Lower Upper
276 100
138 22.4 20.2 30.4
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 25.960 min Scan# 5667
Delta R.T. -0.038 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

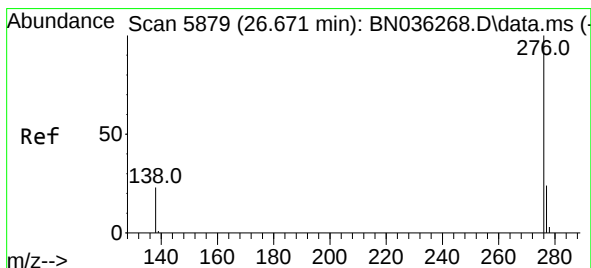
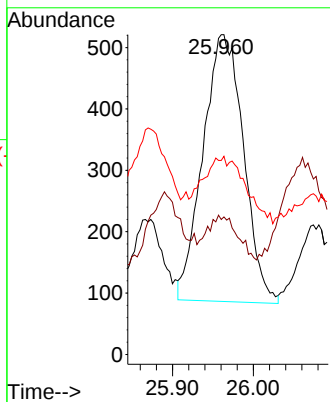
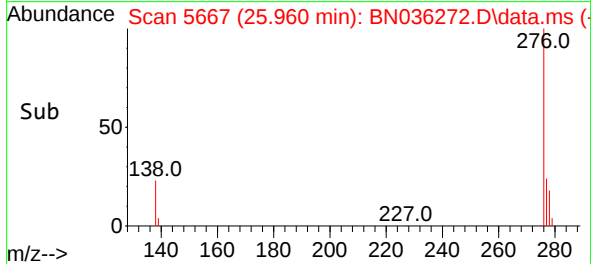
Instrument :
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Tgt Ion:278 Resp: 1510
Ion Ratio Lower Upper
278 100
139 42.2 15.4 23.2
279 60.7 22.2 33.4

Manual Integrations
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Supervised By :mohammad ahmed 02/06/2025



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 26.665 min Scan# 5877
Delta R.T. -0.038 min
Lab File: BN036272.D
Acq: 04 Feb 2025 22:55

Tgt Ion:276 Resp: 7044
Ion Ratio Lower Upper
276 100
138 28.3 19.4 29.0
277 26.4 21.1 31.7

