

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036261.D
 Acq On : 04 Feb 2025 15:44
 Operator : RC/JU
 Sample : Q1224-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6301

Manual Integrations
 APPROVED

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

Quant Time: Feb 05 07:43:50 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	2786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	6583	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.419	164	3648	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.163	188	7009	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.354	240	6055	0.400	ng/ul	# 0.00
23) Perylene-d12	23.639	264	6360m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	8489	2.783	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	1787	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	2876	0.173	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.205	178	2920	0.142	ng/ul	97
19) Fluoranthene	19.226	202	10886	0.473	ng/ul	97
20) Pyrene	19.588	202	9343	0.389	ng/ul#	94
21) Benzo(a)anthracene	21.336	228	3432	0.159	ng/ul	95
22) Chrysene	21.389	228	5210	0.236	ng/ul	95
24) Benzo(b)fluoranthene	22.952	252	7406m	0.349	ng/ul	
25) Benzo(k)fluoranthene	22.993	252	2742m	0.123	ng/ul	
26) Benzo(a)pyrene	23.540	252	4696	0.245	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	25.964	276	3616	0.143	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.977	278	796	0.041	ng/ul#	1
29) Benzo(g,h,i)perylene	26.678	276	3737	0.190	ng/ul#	89

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

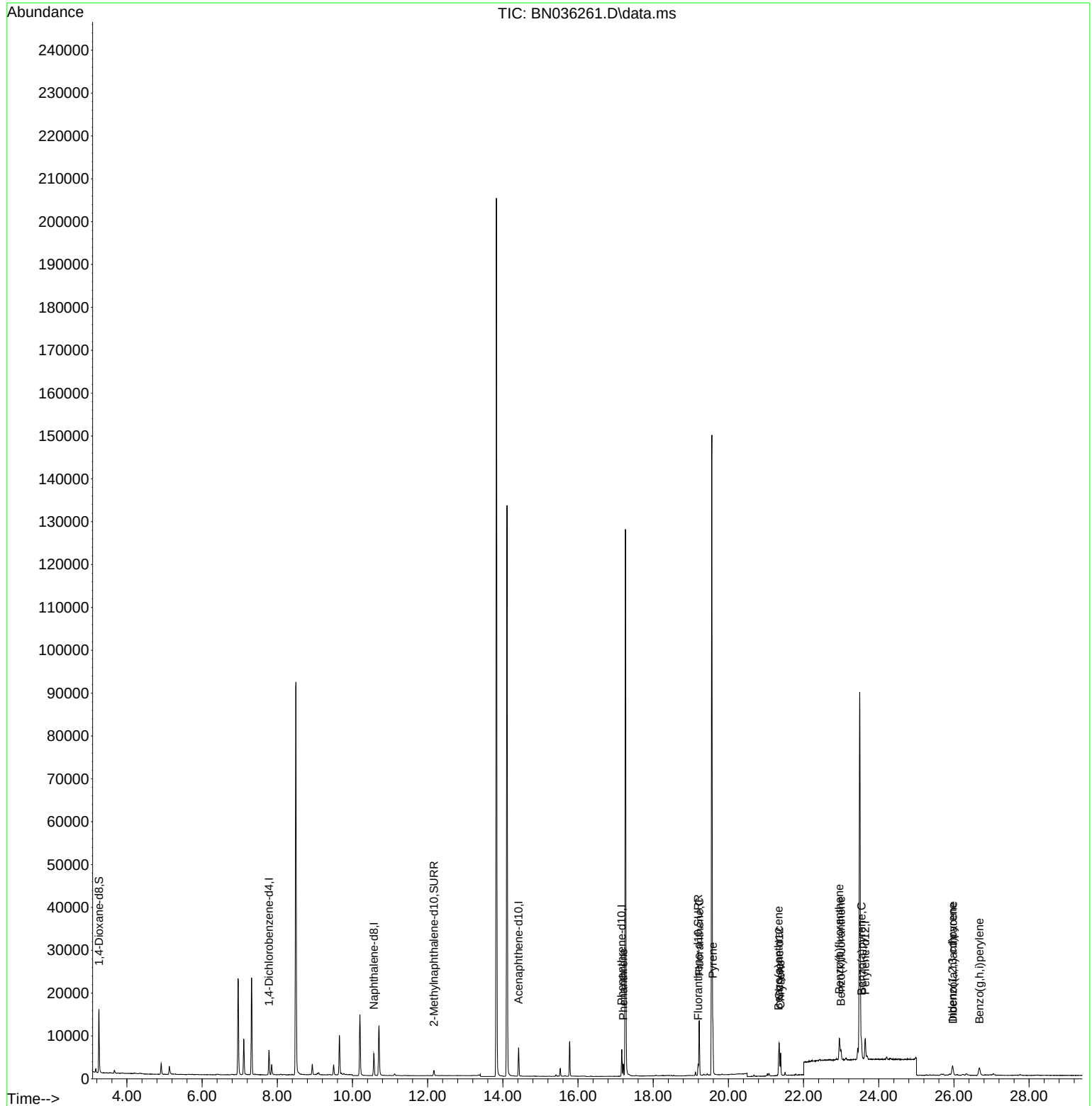
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036261.D
Acq On : 04 Feb 2025 15:44
Operator : RC/JU
Sample : Q1224-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

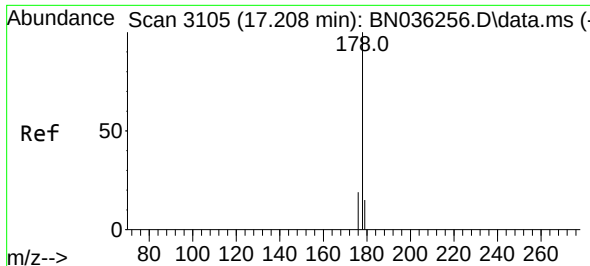
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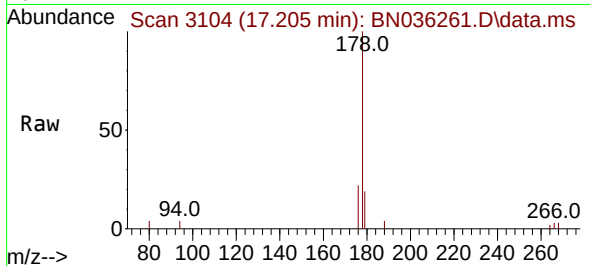
Quant Time: Feb 05 07:43:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.142 ng/ul
RT: 17.205 min Scan# 3104
Delta R.T. -0.007 min
Lab File: BN036261.D
Acq: 04 Feb 2025 15:44

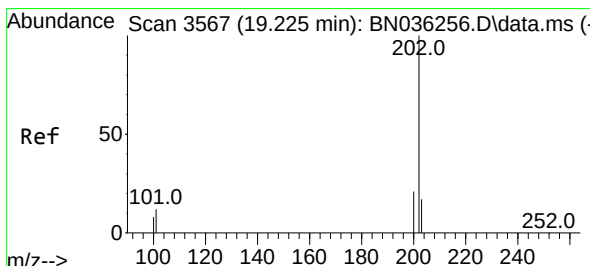
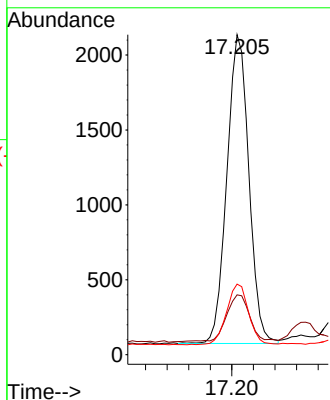
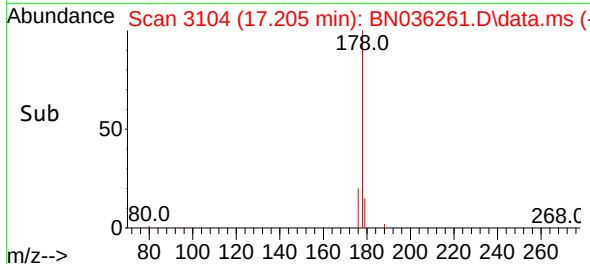
Instrument :
BNA_N
ClientSampleId :
A6301



Tgt Ion:178 Resp: 2920
Ion Ratio Lower Upper
178 100
179 18.7 13.2 19.8
176 22.1 16.8 25.2

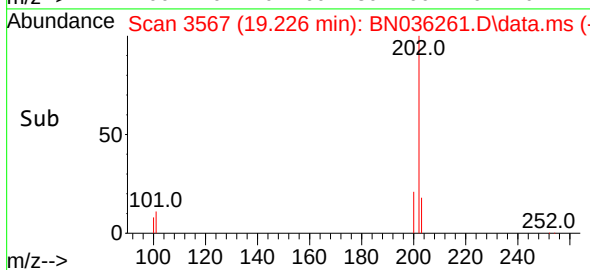
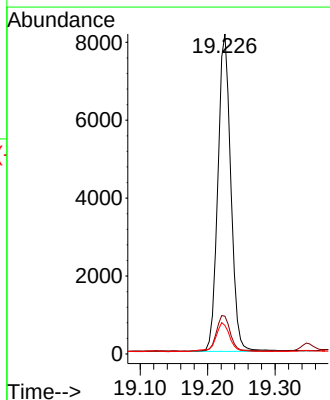
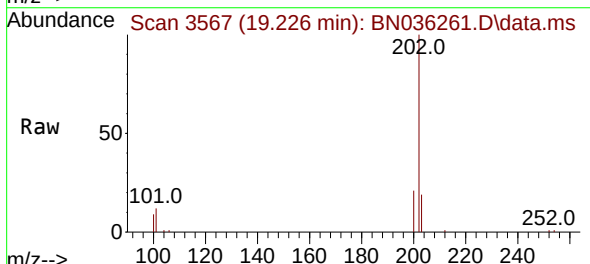
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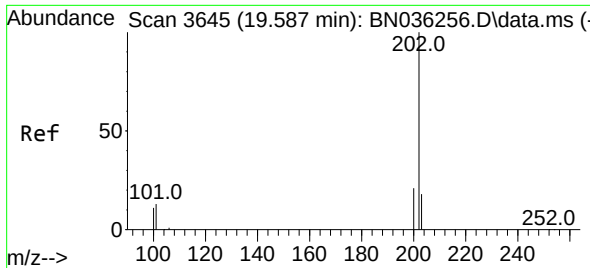
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#19
Fluoranthene
Concen: 0.473 ng/ul
RT: 19.226 min Scan# 3567
Delta R.T. -0.008 min
Lab File: BN036261.D
Acq: 04 Feb 2025 15:44

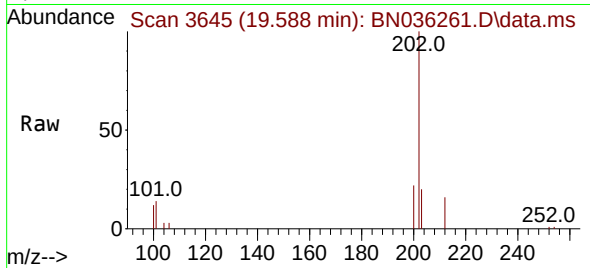
Tgt Ion:202 Resp: 10886
Ion Ratio Lower Upper
202 100
101 11.8 8.4 12.6
100 8.9 6.5 9.7





#20
Pyrene
Concen: 0.389 ng/u1
RT: 19.588 min Scan# 3645
Delta R.T. -0.008 min
Lab File: BN036261.D
Acq: 04 Feb 2025 15:44

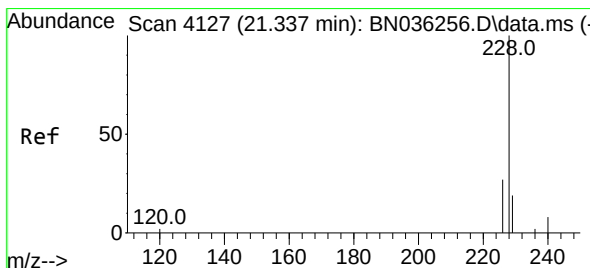
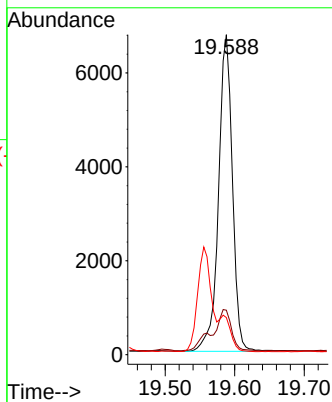
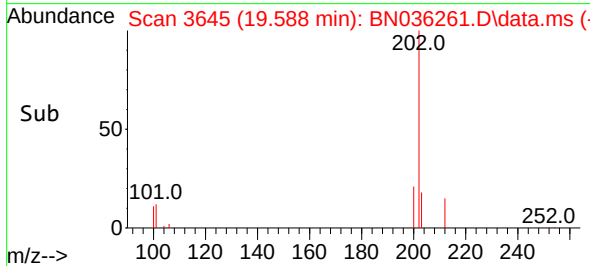
Instrument :
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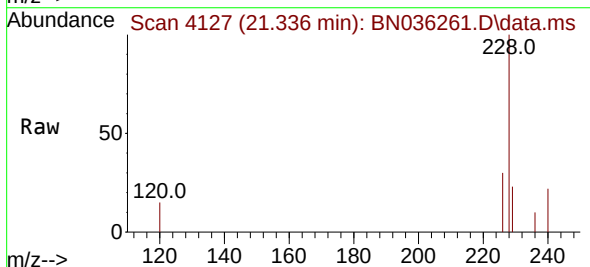
Tgt Ion:202 Resp: 934
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9
100 11.6 7.5 11.3

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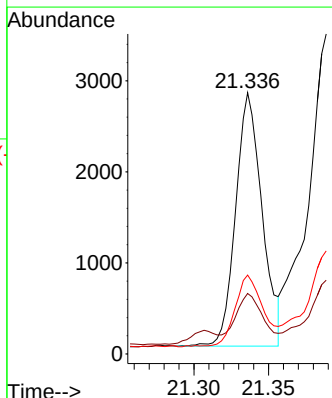
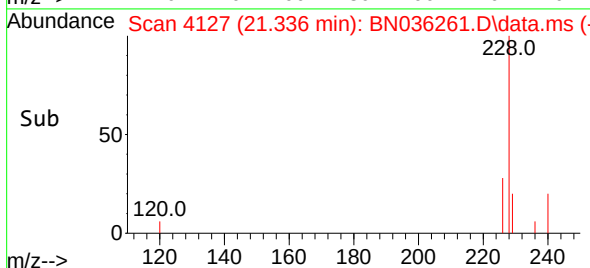
Reviewed By :Jagrut Upadhyay 02/05/2025
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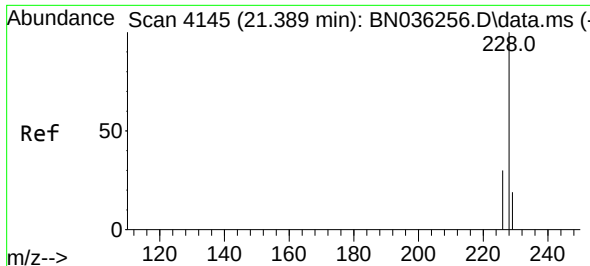


#21
Benzo(a)anthracene
Concen: 0.159 ng/u1
RT: 21.336 min Scan# 4127
Delta R.T. -0.009 min
Lab File: BN036261.D
Acq: 04 Feb 2025 15:44



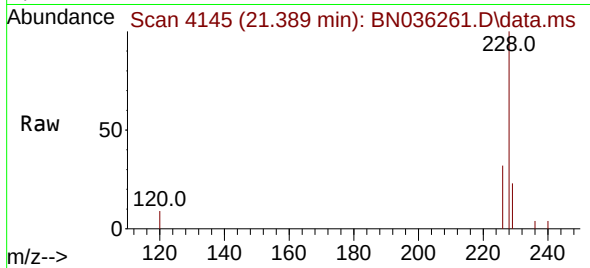
Tgt Ion:228 Resp: 3432
Ion Ratio Lower Upper
228 100
229 23.2 15.9 23.9
226 30.2 22.8 34.2





#22
Chrysene
Concen: 0.236 ng/ul
RT: 21.389 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BN036261.D
Acq: 04 Feb 2025 15:44

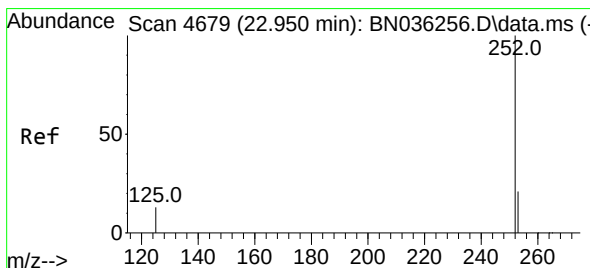
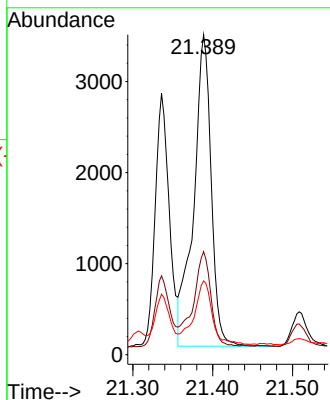
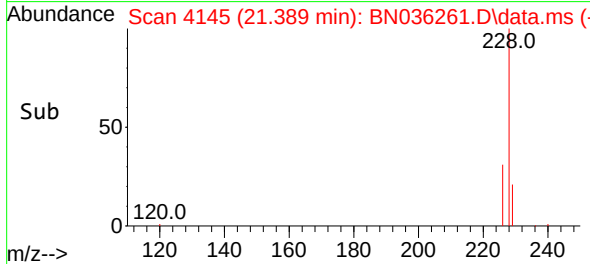
Instrument :
BNA_N
ClientSampleId :
A6301



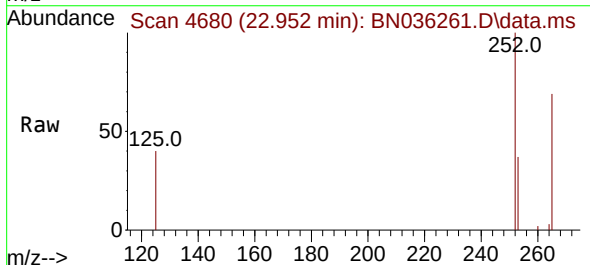
Tgt Ion:228 Resp: 5210
Ion Ratio Lower Upper
228 100
226 32.2 24.4 36.6
229 23.1 15.9 23.9

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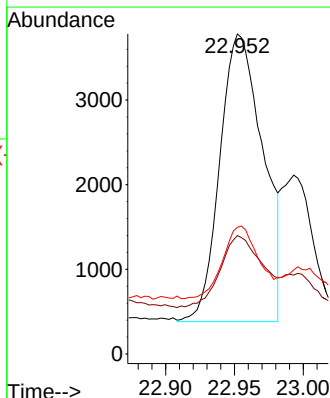
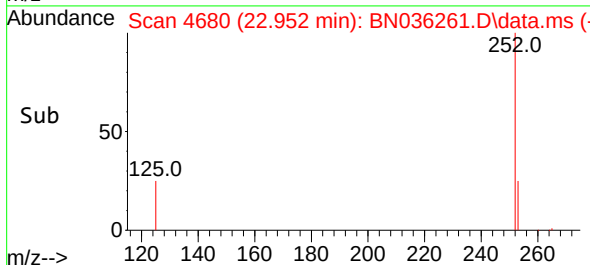
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

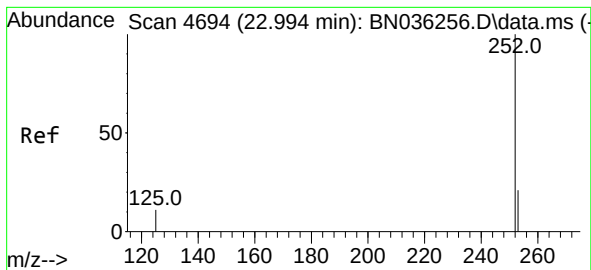


#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul m
RT: 22.952 min Scan# 4680
Delta R.T. -0.009 min
Lab File: BN036261.D
Acq: 04 Feb 2025 15:44



Tgt Ion:252 Resp: 7406
Ion Ratio Lower Upper
252 100
253 37.0 0.0 51.2
125 39.6 0.0 27.8#





#25

Benzo(k)fluoranthene

Concen: 0.123 ng/ul m

RT: 22.993 min Scan# 4694

Delta R.T. -0.015 min

Lab File: BN036261.D

Acq: 04 Feb 2025 15:44

Instrument :

BNA_N

ClientSampleId :

A6301

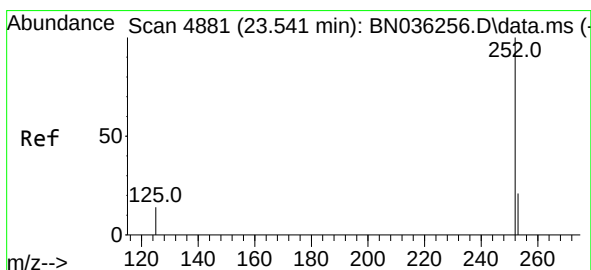
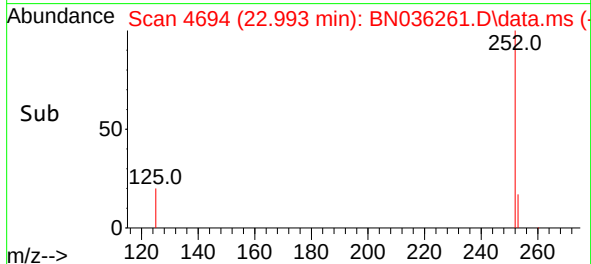
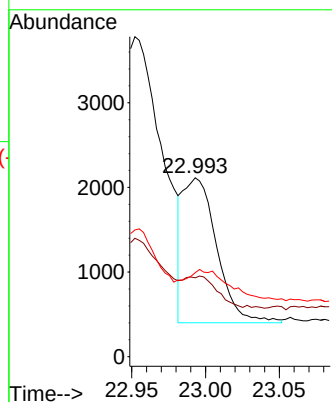
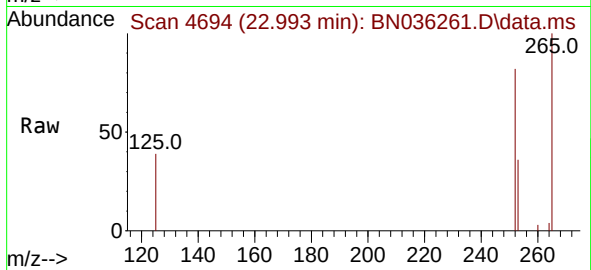
Tgt Ion:252 Resp: 274

Ion	Ratio	Lower	Upper
252	100		
253	44.1	20.2	30.4
125	46.9	10.6	16.0

Manual Integrations

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#26

Benzo(a)pyrene

Concen: 0.245 ng/ul

RT: 23.540 min Scan# 4881

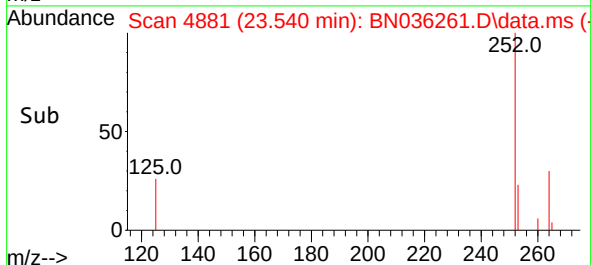
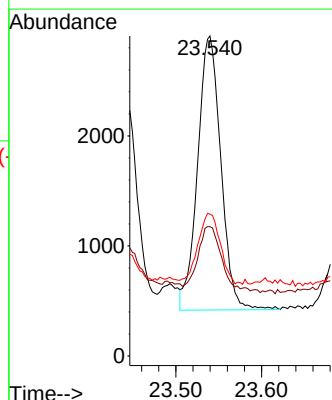
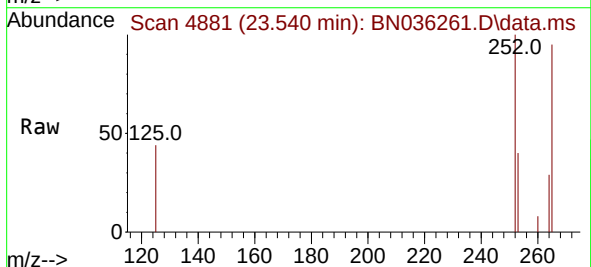
Delta R.T. -0.015 min

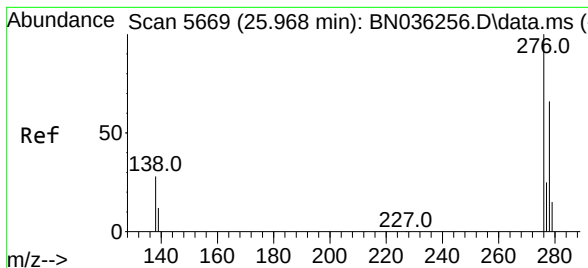
Lab File: BN036261.D

Acq: 04 Feb 2025 15:44

Tgt Ion:252 Resp: 4696

Ion	Ratio	Lower	Upper
252	100		
253	40.4	22.2	33.4
125	44.4	13.1	19.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.143 ng/ul

RT: 25.964 min Scan# 5669

Delta R.T. -0.024 min

Lab File: BN036261.D

Acq: 04 Feb 2025 15:44

Instrument :

BNA_N

ClientSampleId :

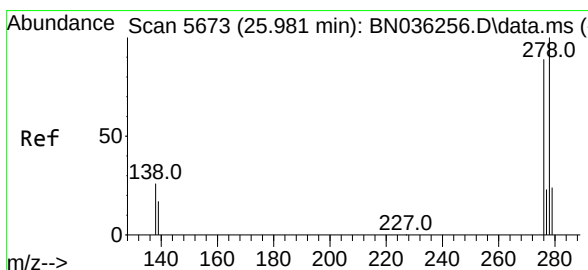
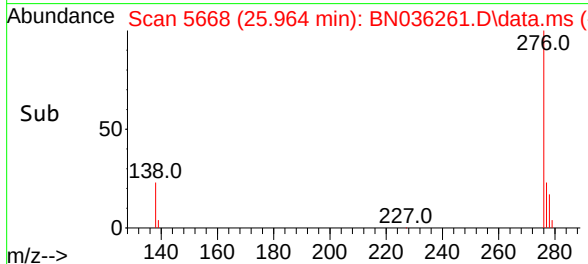
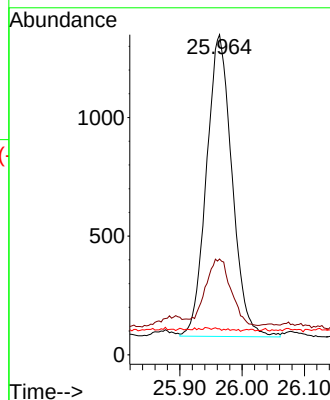
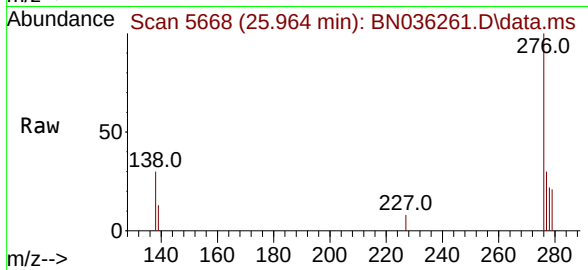
A6301

Tgt Ion:276 Resp: 3610
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.2 30.4
 227 0.2 0.1 0.1

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#28

Dibenzo(a,h)anthracene

Concen: 0.041 ng/ul

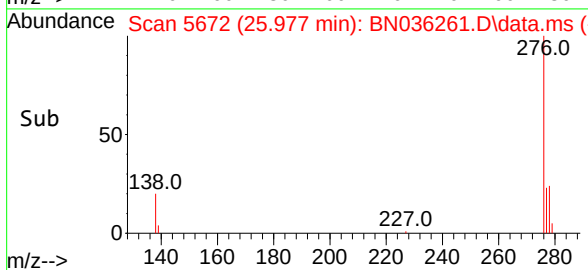
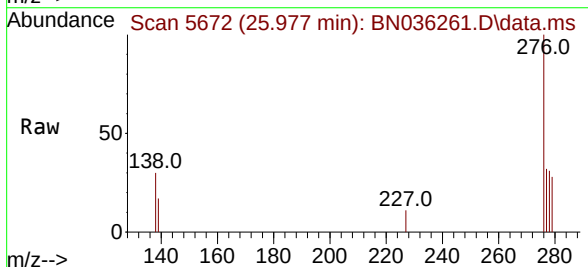
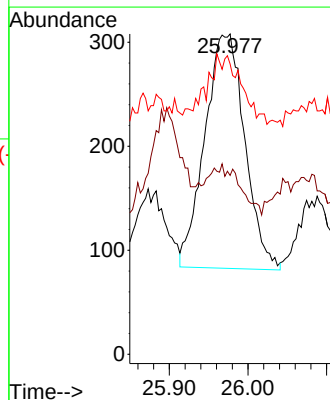
RT: 25.977 min Scan# 5672

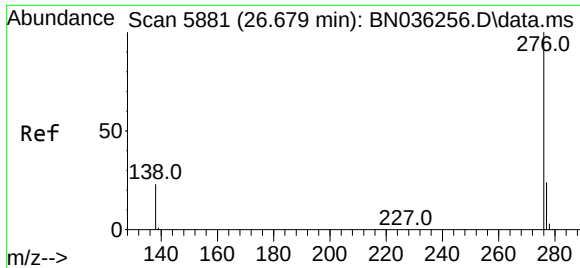
Delta R.T. -0.021 min

Lab File: BN036261.D

Acq: 04 Feb 2025 15:44

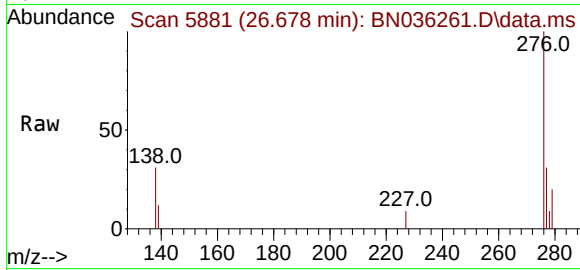
Tgt Ion:278 Resp: 796
 Ion Ratio Lower Upper
 278 100
 139 55.8 15.4 23.2#
 279 90.6 22.2 33.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.190 ng/ul
 RT: 26.678 min Scan# 5881
 Delta R.T. -0.024 min
 Lab File: BN036261.D
 Acq: 04 Feb 2025 15:44

Instrument :
 BNA_N
 ClientSampleId :
 A6301



Tgt Ion: 276 Resp: 373

Ion	Ratio	Lower	Upper
276	100		
138	30.9	19.4	29.0
277	31.1	21.1	31.7

Manual Integrations
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