

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035240.D
 Acq On : 22 Nov 2024 13:53
 Operator : RC/JU
 Sample : P4872-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 14:40:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	3340	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	8860	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.981	164	5573	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	12058	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.993	240	8027	0.400	ng/ul	# 0.00
23) Perylene-d12	23.097	264	6813m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	7395	2.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.675	152	1838	0.142	ng/ul	0.00
18) Fluoranthene-d10	18.800	212	4585	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.694	152	1105	0.050	ng/ul#	85
15) Phenanthrene	16.789	178	4655	0.146	ng/ul	97
16) Anthracene	16.882	178	967	0.033	ng/ul#	83
19) Fluoranthene	18.832	202	10523	0.377	ng/ul#	94
20) Pyrene	19.200	202	9575m	0.329	ng/ul	
21) Benzo(a)anthracene	20.976	228	3523	0.126	ng/ul#	89
22) Chrysene	21.028	228	4093	0.146	ng/ul	94
24) Benzo(b)fluoranthene	22.483	252	5035m	0.224	ng/ul	
25) Benzo(k)fluoranthene	22.515	252	1832m	0.079	ng/ul	
26) Benzo(a)pyrene	23.007	252	3383	0.164	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.144	276	2383m	0.086	ng/ul	
29) Benzo(g,h,i)perylene	25.772	276	2403	0.110	ng/ul#	81

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

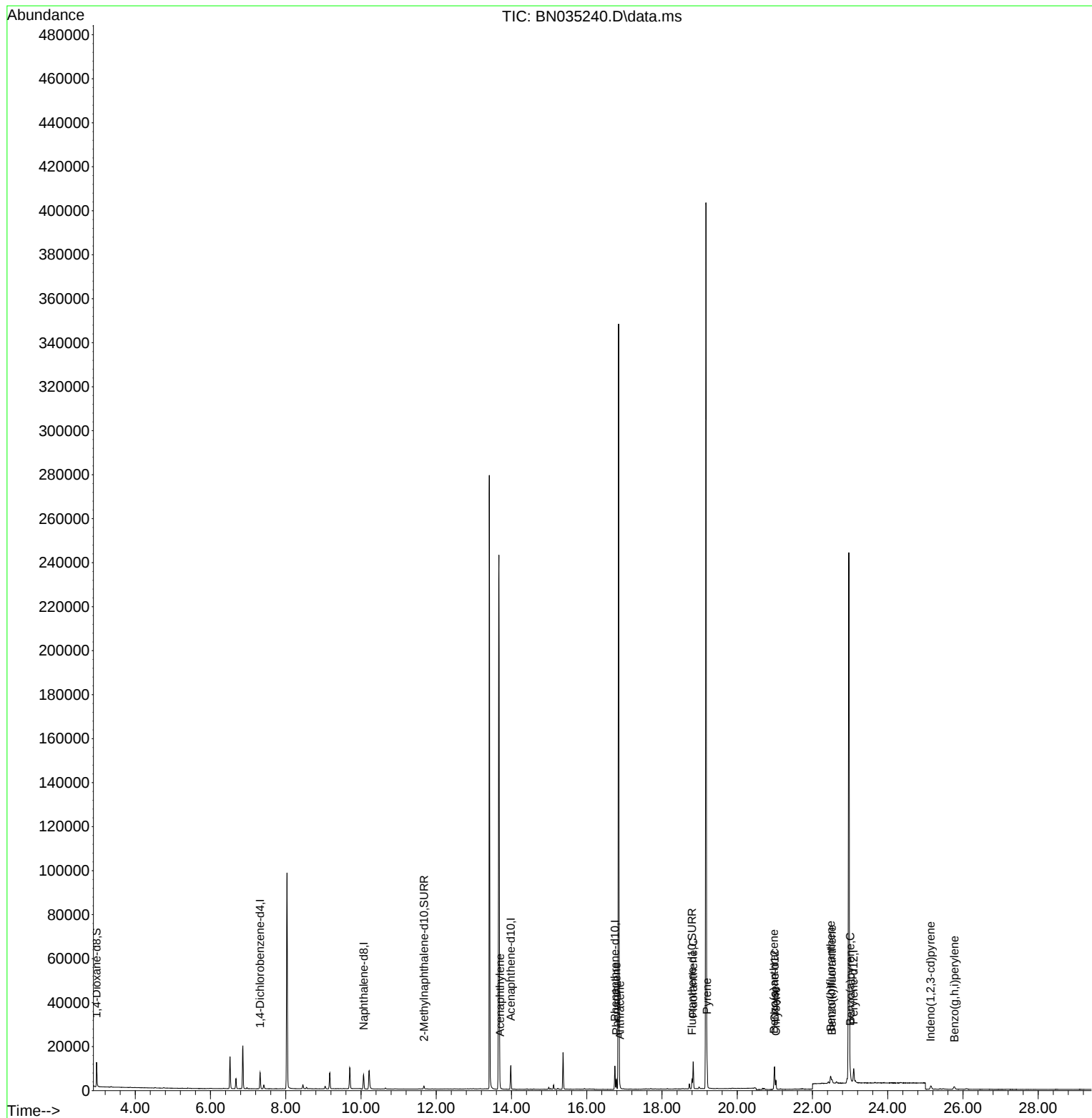
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
Operator : RC/JU
Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

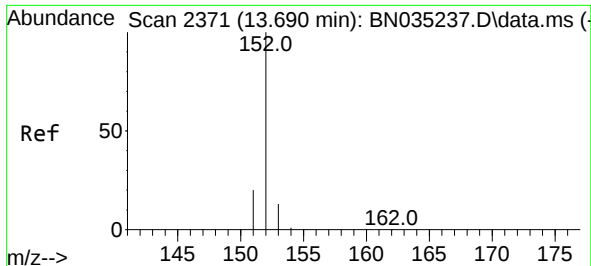
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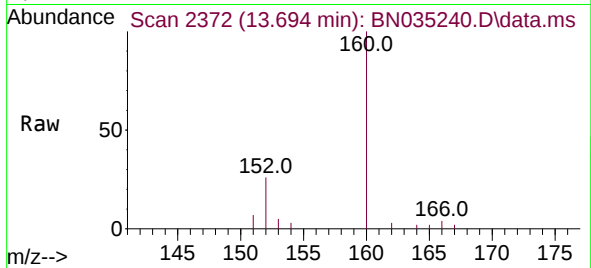
Quant Time: Nov 22 14:40:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.694 min Scan# 210
Delta R.T. 0.005 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

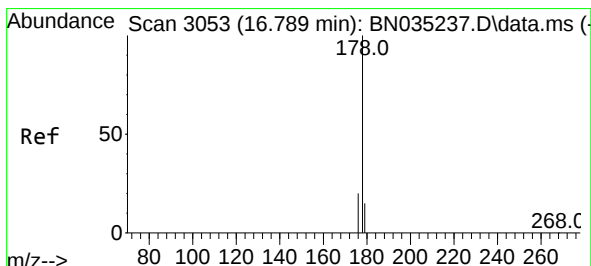
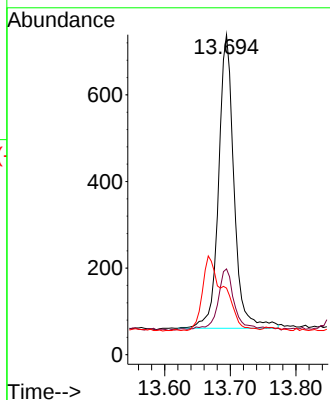
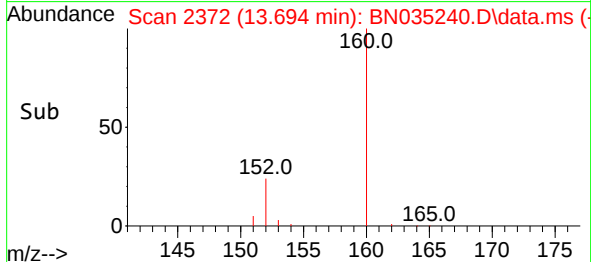
Instrument :
BNA_N
ClientSampleId :
E29X2



Tgt Ion:152 Resp: 110
Ion Ratio Lower Upper
152 100
151 26.8 16.4 24.6
153 20.8 11.1 16.7

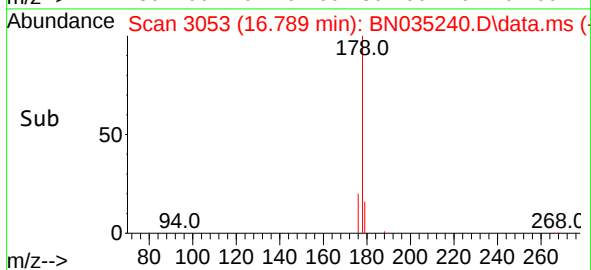
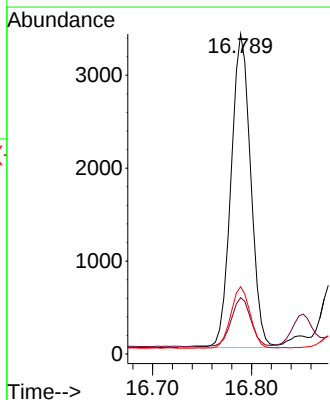
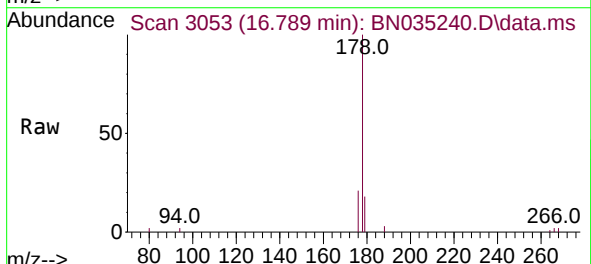
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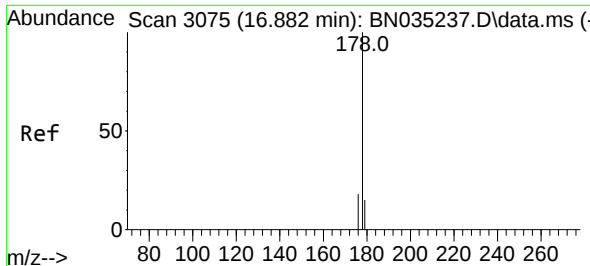
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#15
Phenanthrene
Concen: 0.146 ng/ul
RT: 16.789 min Scan# 3053
Delta R.T. -0.000 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

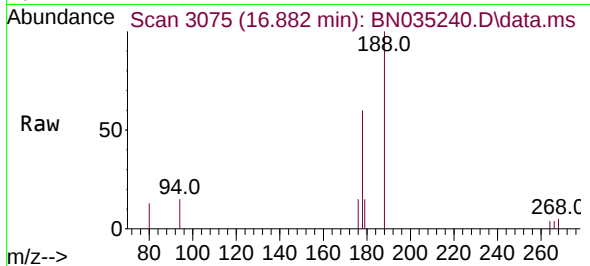
Tgt Ion:178 Resp: 4655
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 21.0 15.6 23.4





#16
 Anthracene
 Concen: 0.033 ng/u1
 RT: 16.882 min Scan# 3075
 Delta R.T. -0.000 min
 Lab File: BN035240.D
 Acq: 22 Nov 2024 13:53

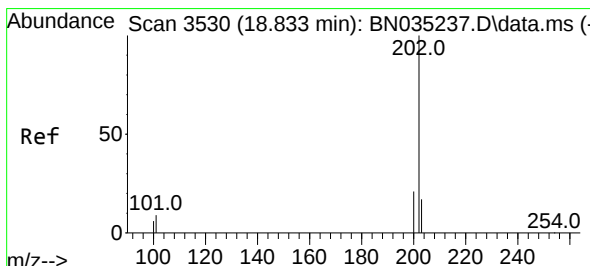
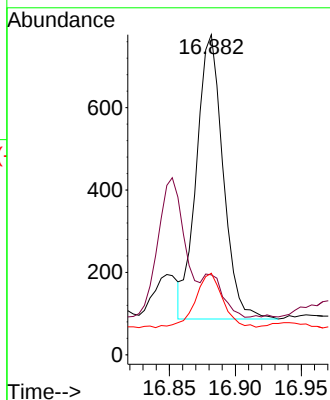
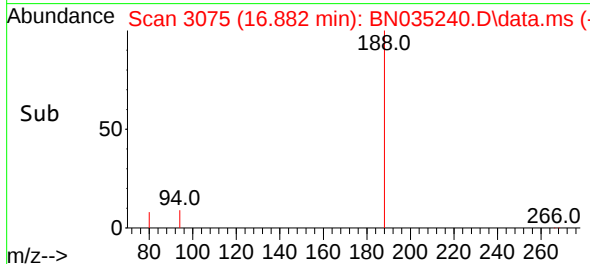
Instrument :
 BNA_N
 ClientSampleId :
 E29X2



Tgt Ion:178 Resp: 96
 Ion Ratio Lower Upper
 178 100
 179 25.0 12.9 19.3#
 176 25.5 15.4 23.2#

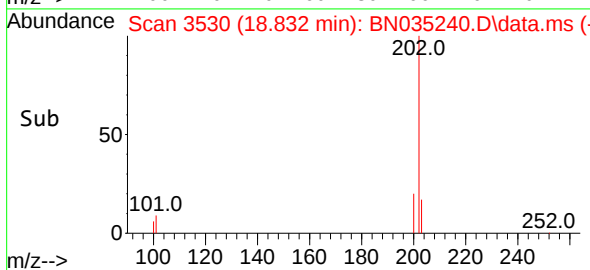
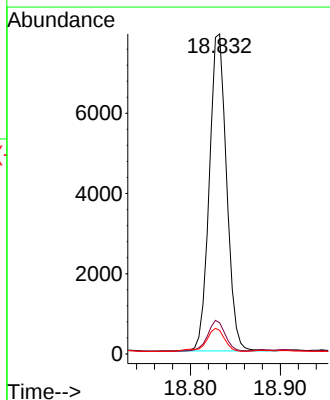
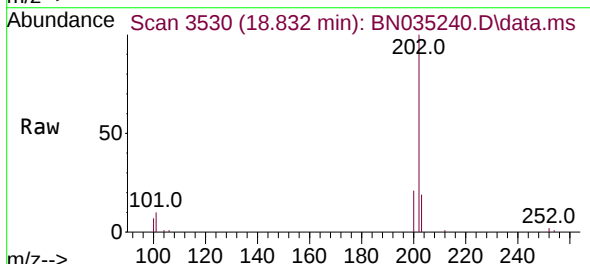
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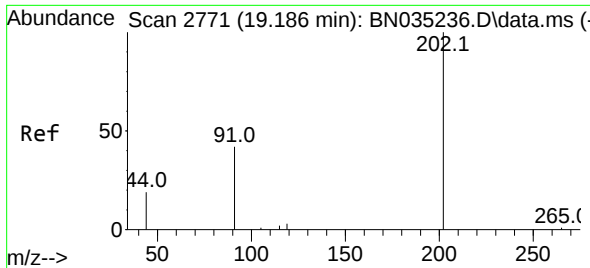
Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024



#19
 Fluoranthene
 Concen: 0.377 ng/u1
 RT: 18.832 min Scan# 3530
 Delta R.T. -0.000 min
 Lab File: BN035240.D
 Acq: 22 Nov 2024 13:53

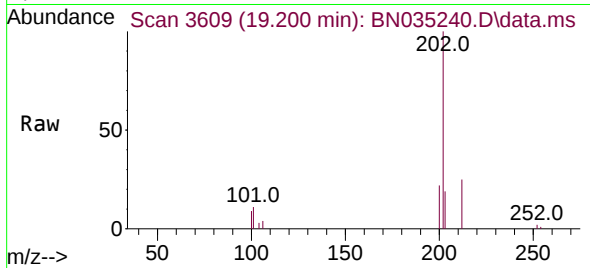
Tgt Ion:202 Resp: 10523
 Ion Ratio Lower Upper
 202 100
 101 9.8 5.8 8.6#
 100 7.4 4.5 6.7#





#20
Pyrene
Concen: 0.329 ng/ul m
RT: 19.200 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

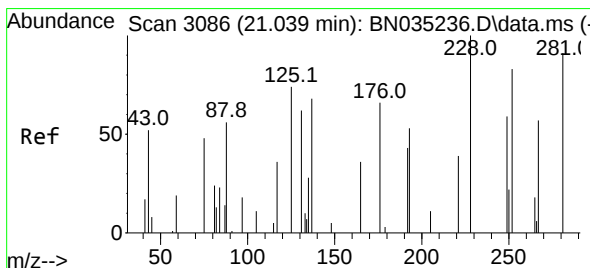
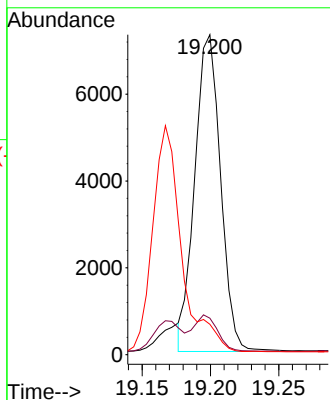
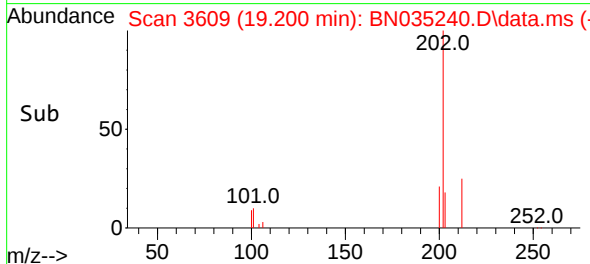
Instrument :
BNA_N
ClientSampleId :
E29X2



Tgt Ion:202 Resp: 957
Ion Ratio Lower Upper
202 100
101 11.4 6.2 9.4
100 9.5 5.1 7.7

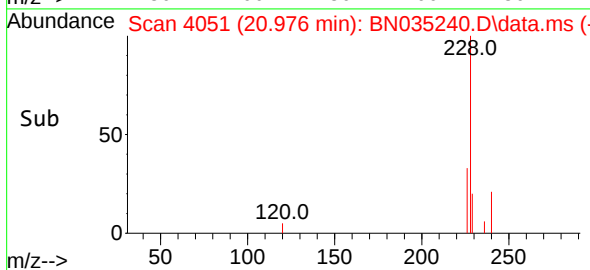
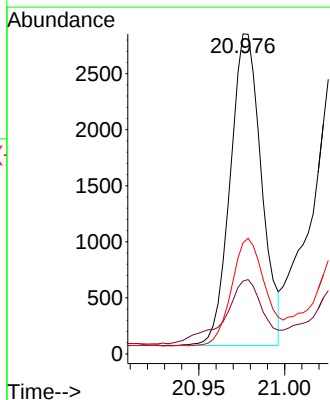
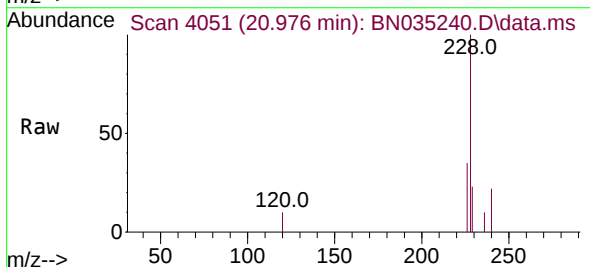
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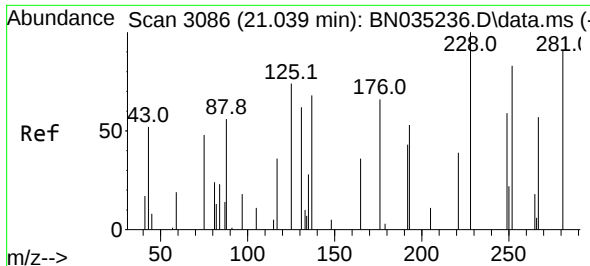
Reviewed By :Jagrut Upadhyay 11/26/2024
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#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 20.976 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

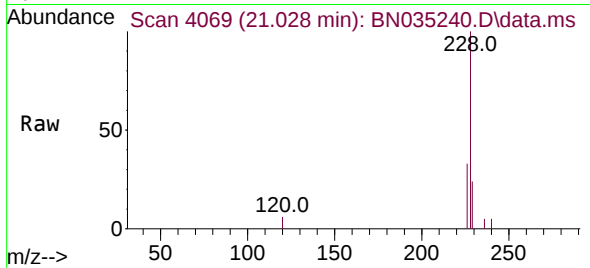
Tgt Ion:228 Resp: 3523
Ion Ratio Lower Upper
228 100
229 22.7 15.8 23.8
226 34.7 21.8 32.8





#22
Chrysene
Concen: 0.146 ng/ul
RT: 21.028 min Scan# 4069
Delta R.T. -0.000 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

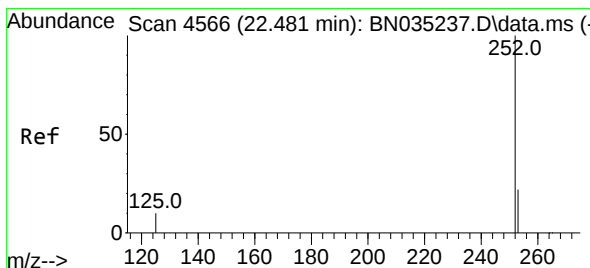
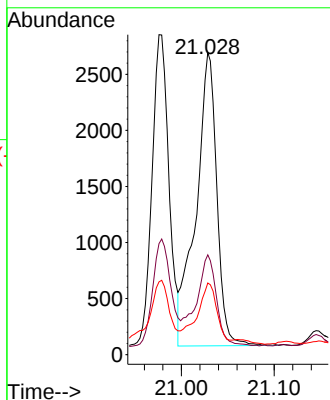
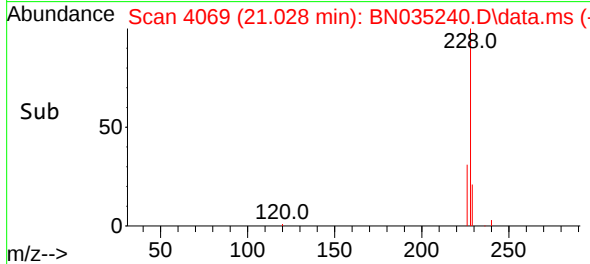
Instrument :
BNA_N
ClientSampleId :
E29X2



Tgt Ion:228 Resp: 4093
Ion Ratio Lower Upper
228 100
226 33.0 24.7 37.1
229 23.7 16.0 24.0

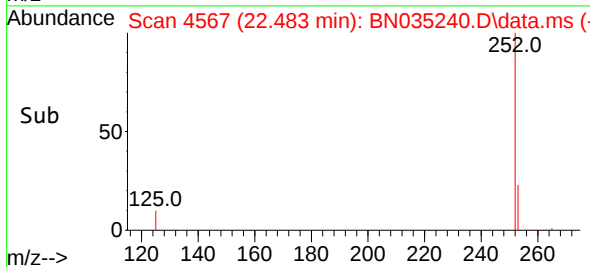
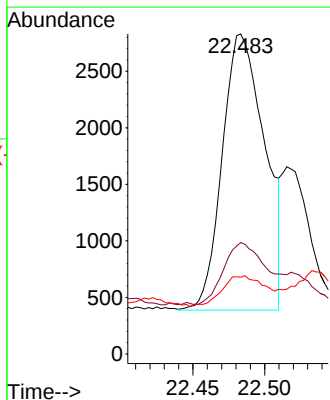
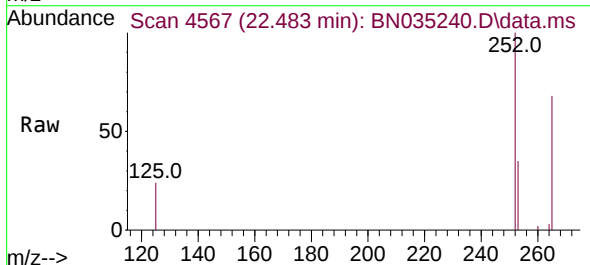
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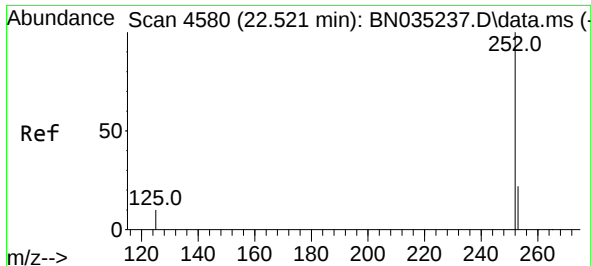
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.224 ng/ul m
RT: 22.483 min Scan# 4567
Delta R.T. 0.003 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

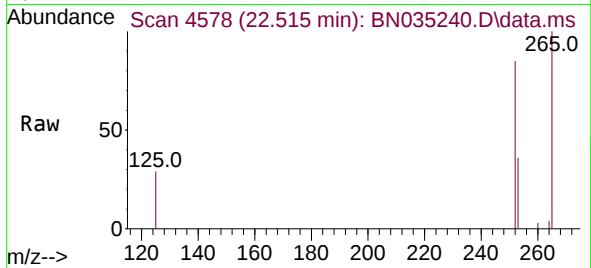
Tgt Ion:252 Resp: 5035
Ion Ratio Lower Upper
252 100
253 34.8 0.0 54.0
125 24.0 0.0 19.4#





#25
Benzo(k)fluoranthene
Concen: 0.079 ng/ul m
RT: 22.515 min Scan# 4578
Delta R.T. -0.006 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

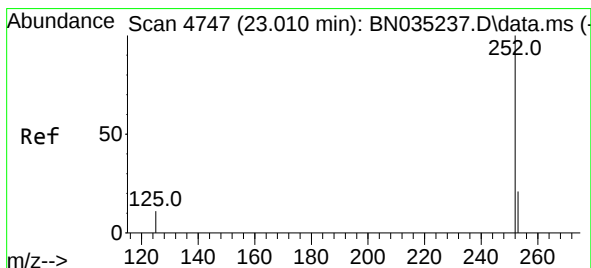
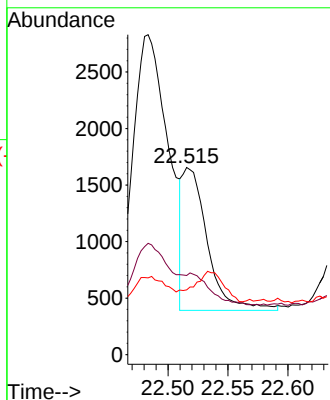
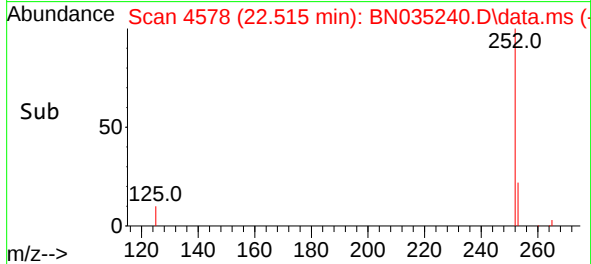
Instrument :
BNA_N
ClientSampleId :
E29X2



Tgt Ion:252 Resp: 1832
Ion Ratio Lower Upper
252 100
253 42.3 21.8 32.6
125 34.6 8.6 12.8

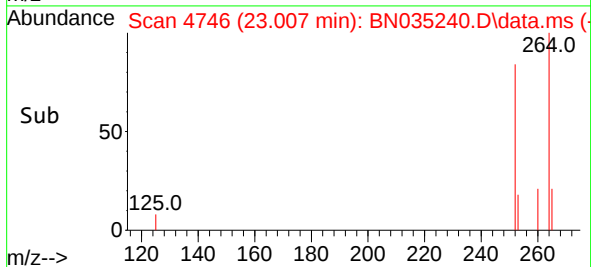
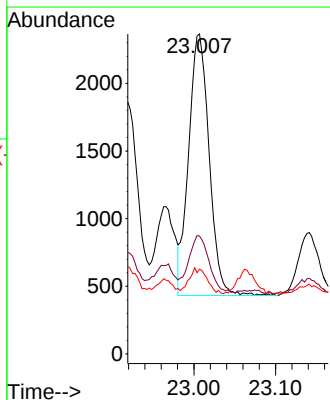
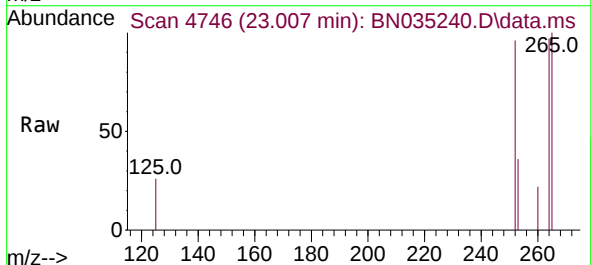
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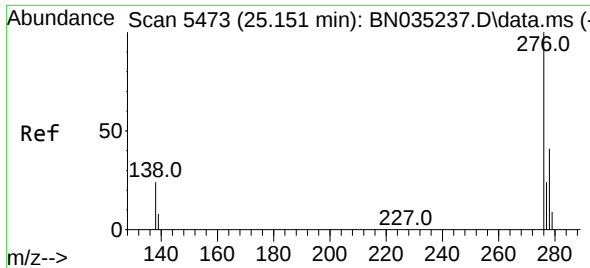
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#26
Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 23.007 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

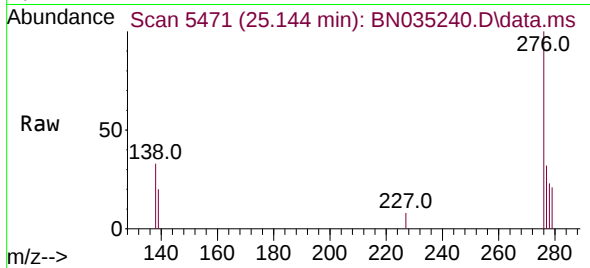
Tgt Ion:252 Resp: 3383
Ion Ratio Lower Upper
252 100
253 36.9 22.9 34.3#
125 26.5 9.4 14.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul m
RT: 25.144 min Scan# 5473
Delta R.T. -0.007 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

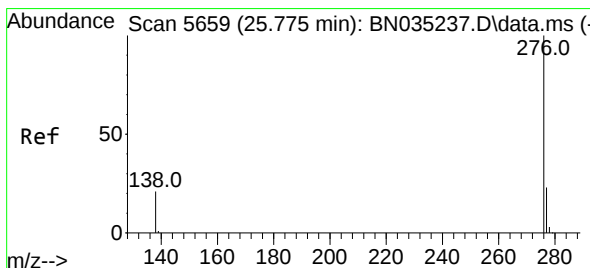
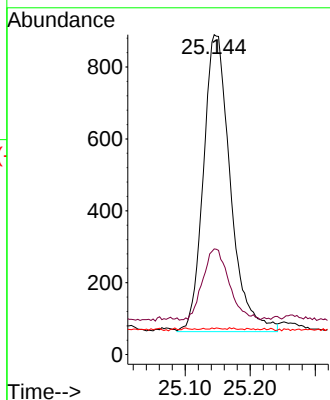
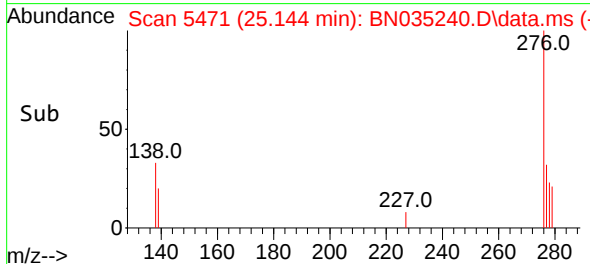
Instrument :
BNA_N
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E29X2



Tgt Ion:276 Resp: 238
Ion Ratio Lower Upper
276 100
138 44.0 13.8 20.8
227 0.0 0.2 0.4

Manual Integrations
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Supervised By :mohammad ahmed 11/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 25.772 min Scan# 5658
Delta R.T. -0.003 min
Lab File: BN035240.D
Acq: 22 Nov 2024 13:53

Tgt Ion:276 Resp: 2403
Ion Ratio Lower Upper
276 100
138 30.3 13.0 19.6#
277 30.7 20.5 30.7#

