

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035272.D
 Acq On : 23 Nov 2024 10:35
 Operator : RC/JU
 Sample : P4872-21
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y8

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 08:35:47 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	3186	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	8840	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.976	164	5706	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.743	188	13003m	0.400	ng/ul	0.00
17) Chrysene-d12	20.985	240	10167	0.400	ng/ul	# 0.00
23) Perylene-d12	23.086	264	7719m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	10811	3.713	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	4261	0.329	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	12785	0.456	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.690	152	2187	0.097	ng/ul#	89
12) Fluorene	15.041	166	983	0.048	ng/ul#	92
15) Phenanthrene	16.785	178	16483	0.479	ng/ul	99
16) Anthracene	16.878	178	4460	0.140	ng/ul#	94
19) Fluoranthene	18.828	202	37118	1.049	ng/ul#	95
20) Pyrene	19.195	202	28329m	0.769	ng/ul	
21) Benzo(a)anthracene	20.970	228	11835	0.335	ng/ul	93
22) Chrysene	21.020	228	11651	0.328	ng/ul	96
24) Benzo(b)fluoranthene	22.472	252	12727m	0.499	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	5170m	0.197	ng/ul	
26) Benzo(a)pyrene	22.995	252	8201m	0.352	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.128	276	5319m	0.169	ng/ul	
28) Dibenzo(a,h)anthracene	25.138	278	1120m	0.045	ng/ul	
29) Benzo(g,h,i)perylene	25.752	276	5510m	0.222	ng/ul	

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

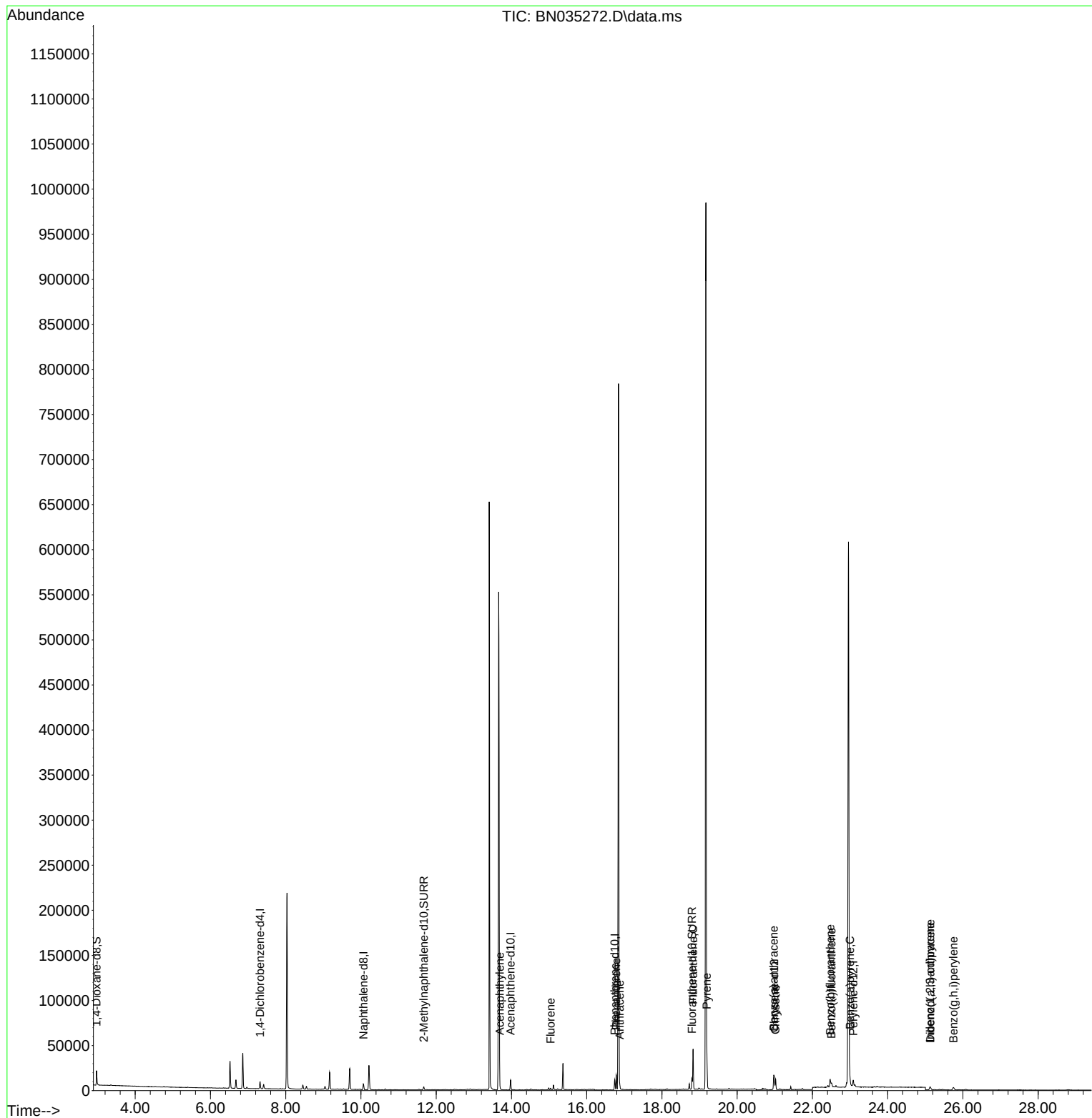
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035272.D
Acq On : 23 Nov 2024 10:35
Operator : RC/JU
Sample : P4872-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

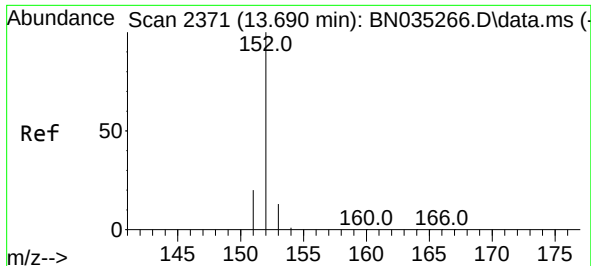
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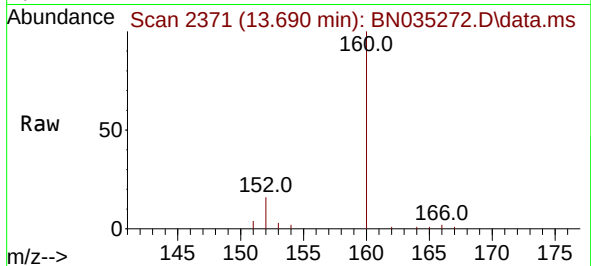
Quant Time: Nov 25 08:35:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 13.690 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

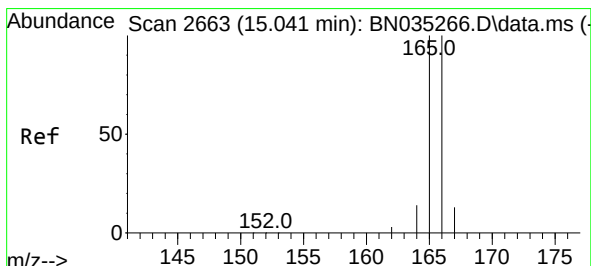
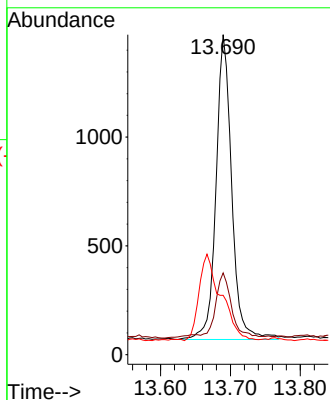
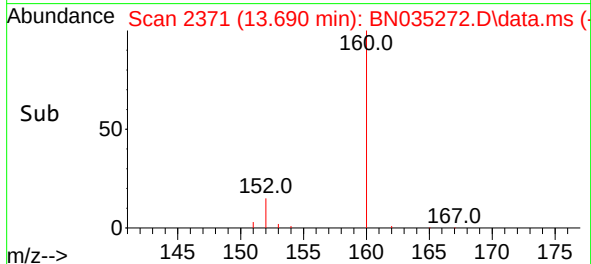
Instrument :
BNA_N
ClientSampleId :
E29Y8



Tgt Ion:152 Resp: 2187
Ion Ratio Lower Upper
152 100
151 25.6 16.4 24.6
153 18.6 11.1 16.7

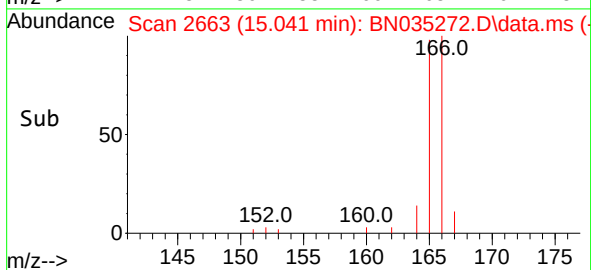
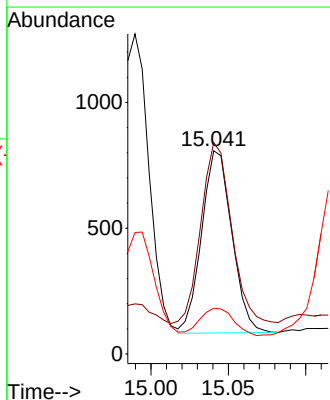
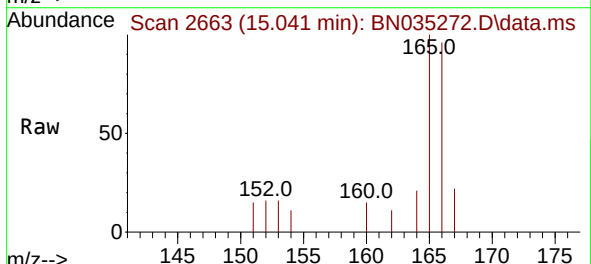
Manual Integrations
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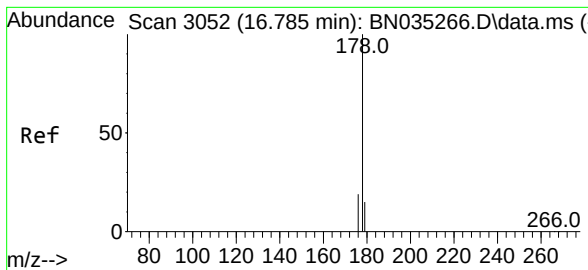
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.041 min Scan# 2663
Delta R.T. -0.005 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

Tgt Ion:166 Resp: 983
Ion Ratio Lower Upper
166 100
165 104.1 78.6 118.0
167 22.5 11.8 17.6





#15

Phenanthrene

Concen: 0.479 ng/ul

RT: 16.785 min Scan# 3052

Delta R.T. -0.004 min

Lab File: BN035272.D

Acq: 23 Nov 2024 10:35

Instrument :

BNA_N

ClientSampleId :

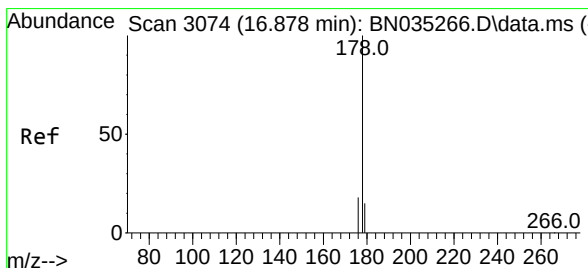
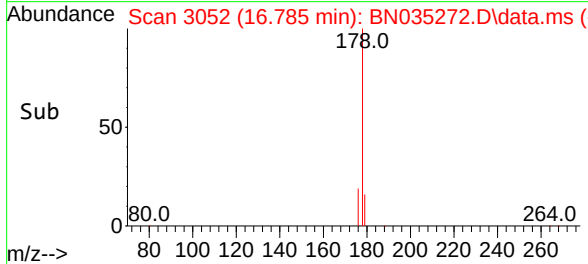
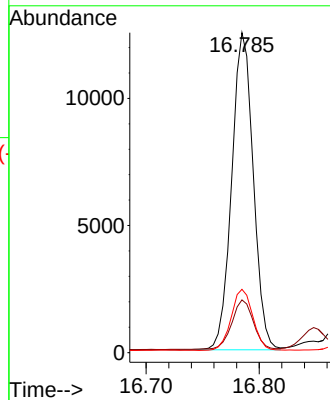
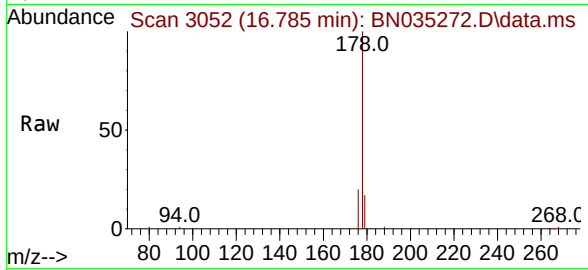
E29Y8

Tgt Ion:	178	Resp:	1648
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	19.8	15.6	23.4

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#16

Anthracene

Concen: 0.140 ng/ul

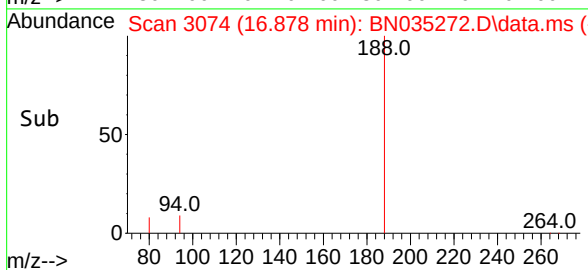
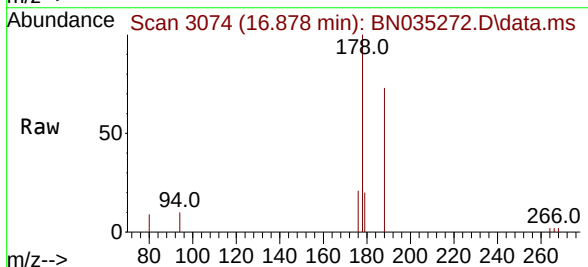
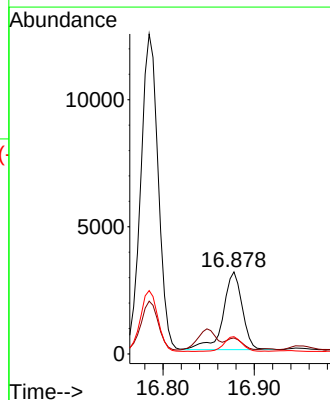
RT: 16.878 min Scan# 3074

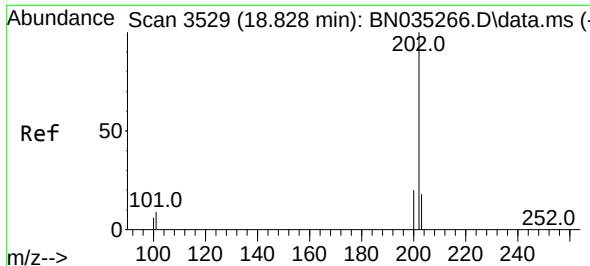
Delta R.T. -0.004 min

Lab File: BN035272.D

Acq: 23 Nov 2024 10:35

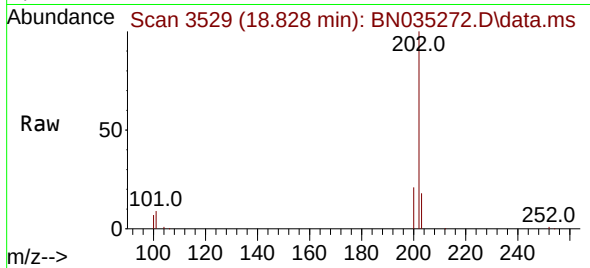
Tgt Ion:	178	Resp:	4460
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.9	19.3
176	21.1	15.4	23.2





#19
Fluoranthene
Concen: 1.049 ng/u1
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

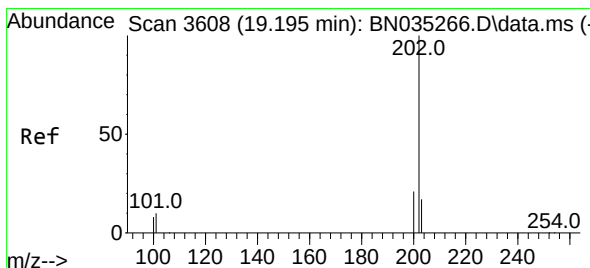
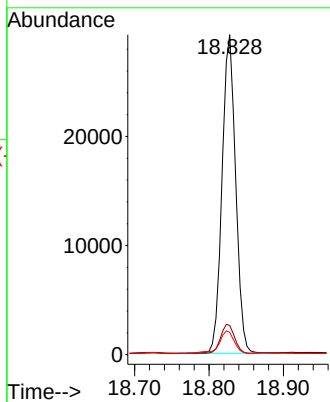
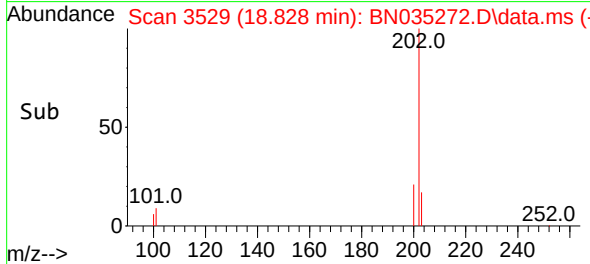
Instrument :
BNA_N
ClientSampleId :
E29Y8



Tgt Ion:202 Resp: 37118
Ion Ratio Lower Upper
202 100
101 9.1 5.8 8.6#
100 7.0 4.5 6.7#

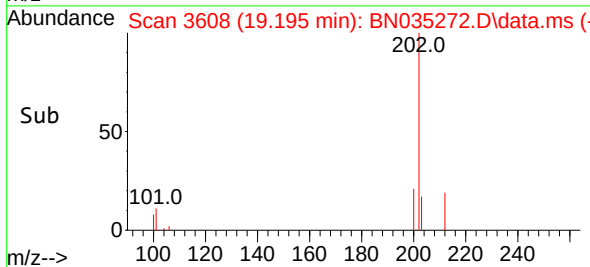
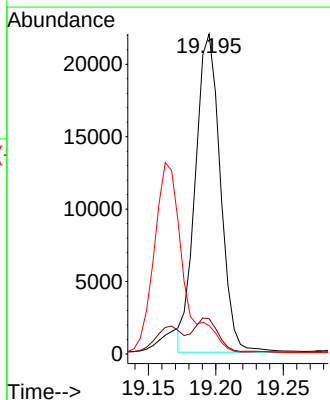
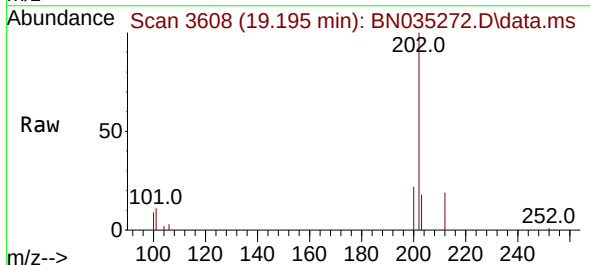
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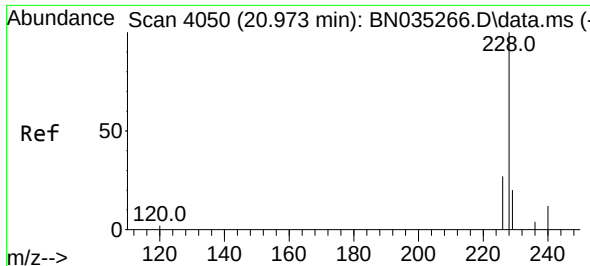
Reviewed By :Jagrut Upadhyay 11/26/2024
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#20
Pyrene
Concen: 0.769 ng/u1 m
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

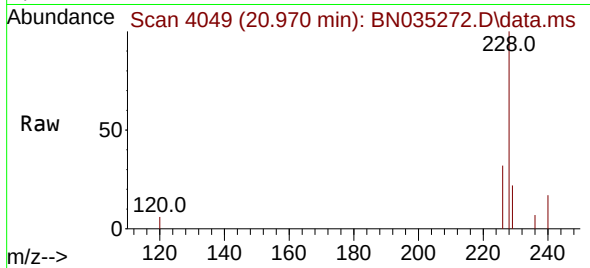
Tgt Ion:202 Resp: 28329
Ion Ratio Lower Upper
202 100
101 11.0 6.2 9.4#
100 8.9 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 20.970 min Scan# 4050
Delta R.T. -0.009 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

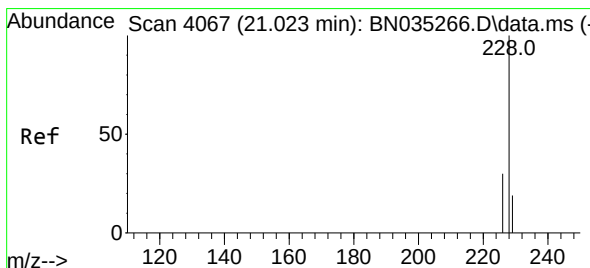
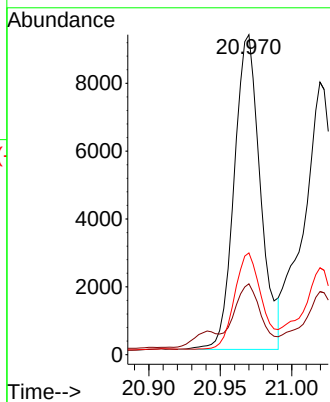
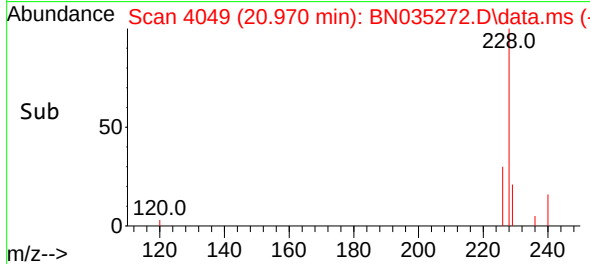
Instrument :
BNA_N
ClientSampleId :
E29Y8



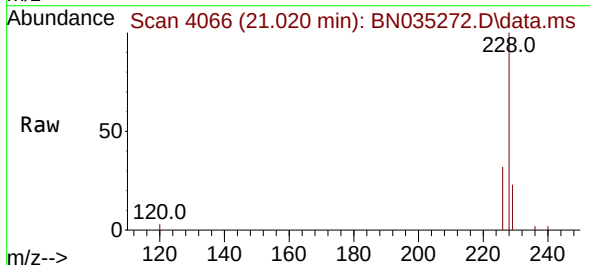
Tgt Ion:228 Resp: 11835
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.8
226 31.8 21.8 32.8

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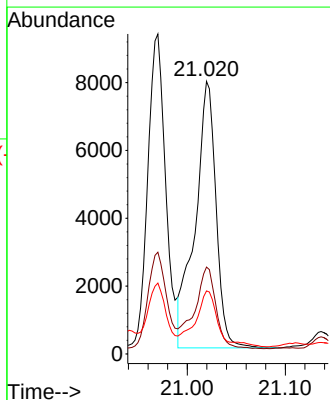
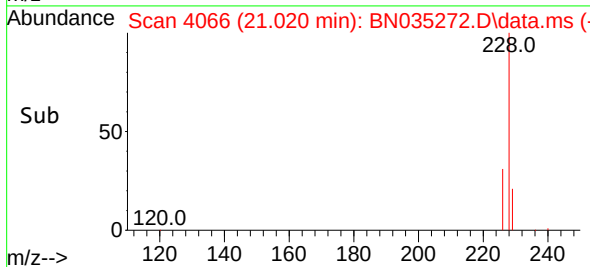
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

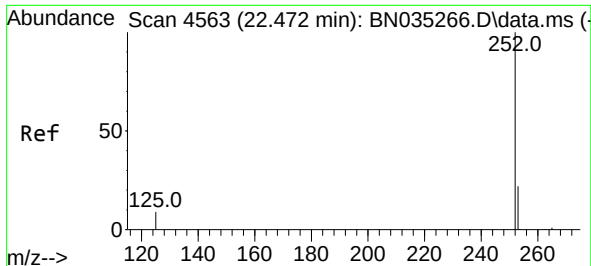


#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.020 min Scan# 4066
Delta R.T. -0.009 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35



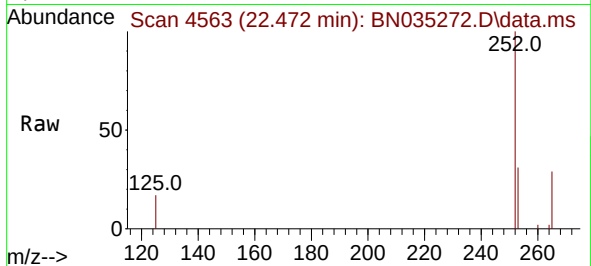
Tgt Ion:228 Resp: 11651
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 23.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.499 ng/ul m
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

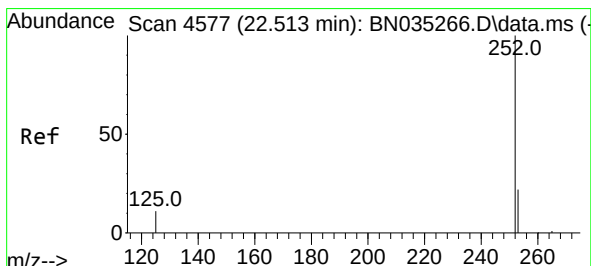
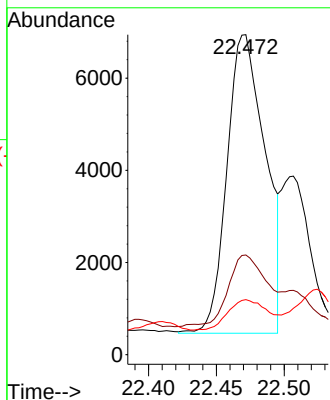
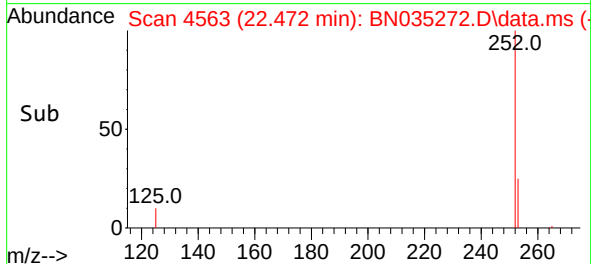
Instrument :
BNA_N
ClientSampleId :
E29Y8



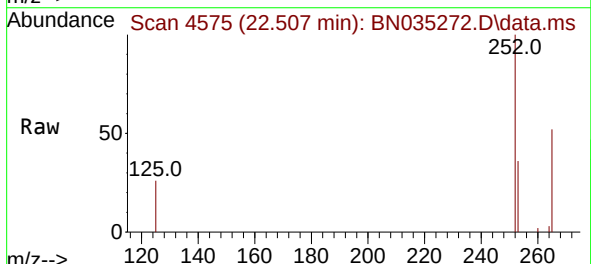
Tgt Ion:252 Resp: 1272
Ion Ratio Lower Upper
252 100
253 31.2 0.0 54.0
125 17.2 0.0 19.4

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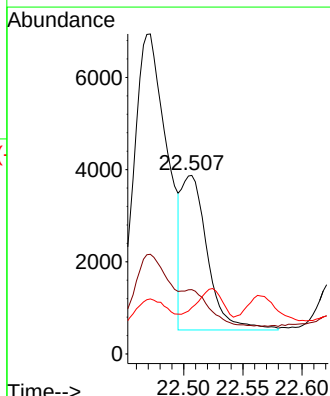
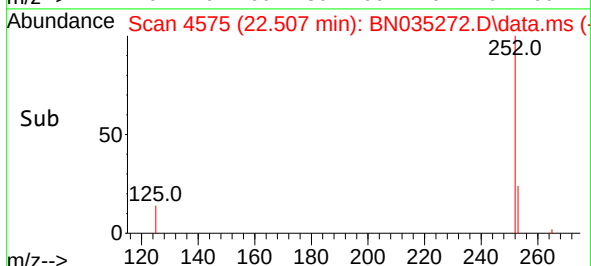
Reviewed By :Jagrut Upadhyay 11/26/2024
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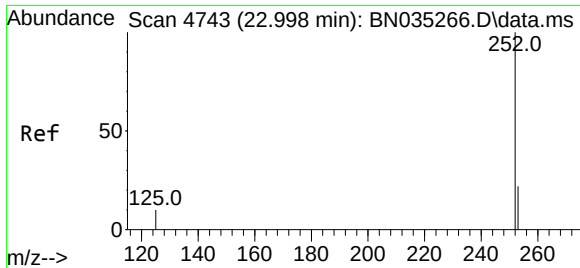


#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul m
RT: 22.507 min Scan# 4575
Delta R.T. -0.015 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35



Tgt Ion:252 Resp: 5170
Ion Ratio Lower Upper
252 100
253 36.1 21.8 32.6#
125 26.0 8.6 12.8#





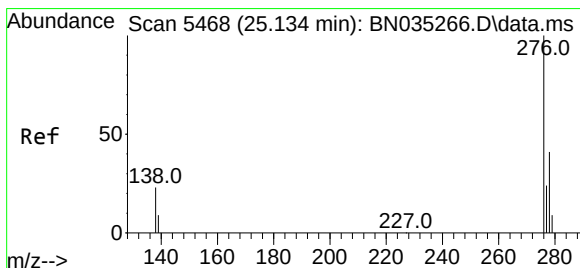
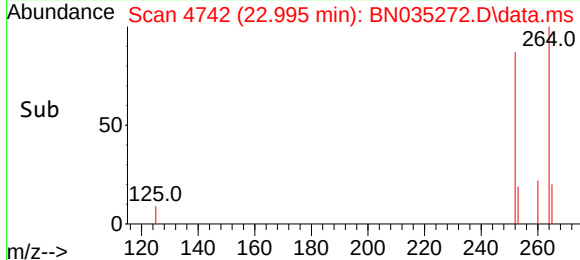
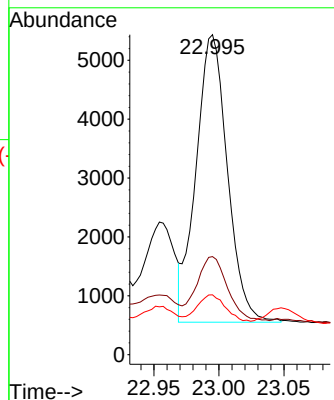
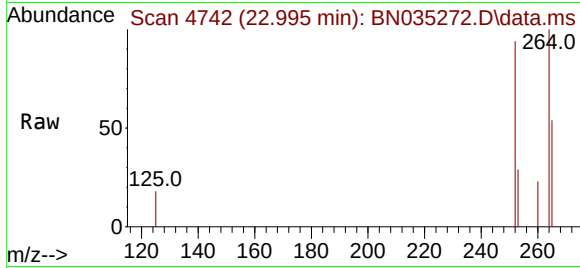
#26
Benzo(a)pyrene
Concen: 0.352 ng/ul m
RT: 22.995 min Scan# 4743
Delta R.T. -0.015 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

Instrument :
BNA_N
ClientSampleId :
E29Y8

Tgt Ion:252 Resp: 820
Ion Ratio Lower Upper
252 100
253 30.6 22.9 34.3
125 18.7 9.4 14.2

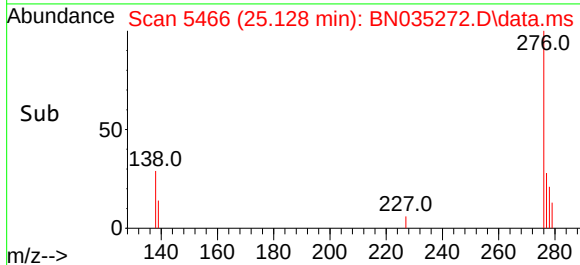
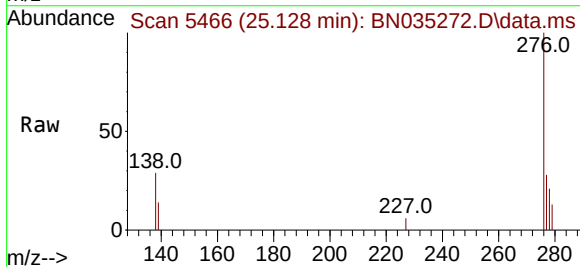
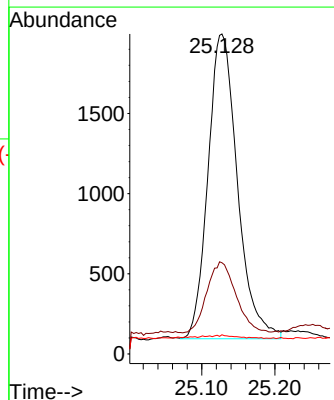
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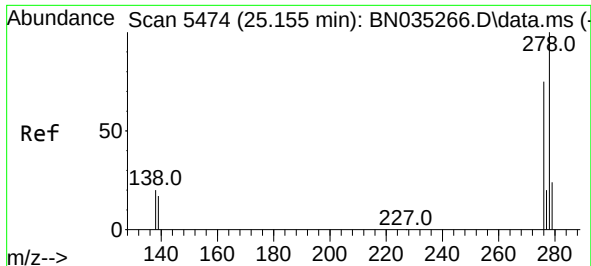
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng/ul m
RT: 25.128 min Scan# 5466
Delta R.T. -0.024 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

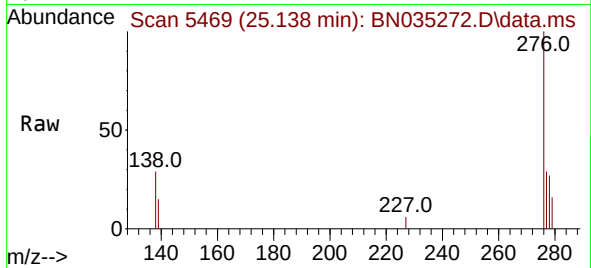
Tgt Ion:276 Resp: 5319
Ion Ratio Lower Upper
276 100
138 12.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul m
RT: 25.138 min Scan# 5469
Delta R.T. -0.034 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35

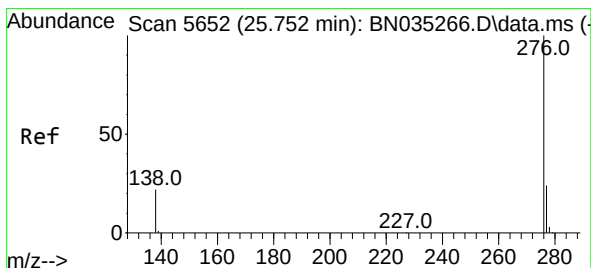
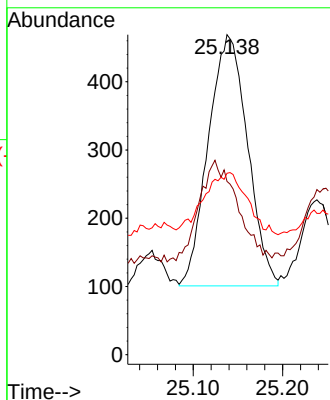
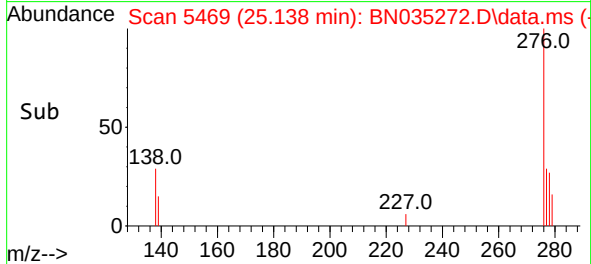
Instrument :
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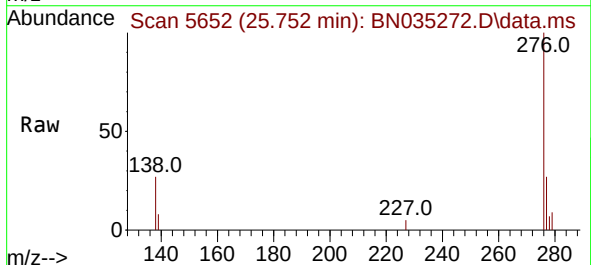
Tgt Ion:278 Resp: 1120
Ion Ratio Lower Upper
278 100
139 54.2 10.7 16.1
279 56.7 22.8 34.2

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.222 ng/ul m
RT: 25.752 min Scan# 5652
Delta R.T. -0.024 min
Lab File: BN035272.D
Acq: 23 Nov 2024 10:35



Tgt Ion:276 Resp: 5510
Ion Ratio Lower Upper
276 100
138 27.2 13.0 19.6
277 27.3 20.5 30.7

