

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035274.D
 Acq On : 23 Nov 2024 11:47
 Operator : RC/JU
 Sample : P4872-18
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y5

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 08:35:59 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	3024	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	8480	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.977	164	5426	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.743	188	12409	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.985	240	10907	0.400	ng/ul	# 0.00
23) Perylene-d12	23.083	264	8523m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	6859	2.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	2477	0.199	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	7645	0.254	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.690	152	3093	0.144	ng/ul	94
12) Fluorene	15.041	166	979	0.051	ng/ul#	95
15) Phenanthrene	16.785	178	15309	0.467	ng/ul	100
16) Anthracene	16.878	178	3379	0.111	ng/ul	94
19) Fluoranthene	18.823	202	32623	0.859	ng/ul#	93
20) Pyrene	19.190	202	27172m	0.688	ng/ul	
21) Benzo(a)anthracene	20.970	228	12589m	0.333	ng/ul	
22) Chrysene	21.020	228	12167	0.319	ng/ul	97
24) Benzo(b)fluoranthene	22.469	252	14966m	0.531	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	5191m	0.179	ng/ul	
26) Benzo(a)pyrene	22.995	252	9697m	0.377	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.128	276	5894m	0.170	ng/ul	
28) Dibenzo(a,h)anthracene	25.145	278	1262m	0.046	ng/ul	
29) Benzo(g,h,i)perylene	25.745	276	5843m	0.213	ng/ul	

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

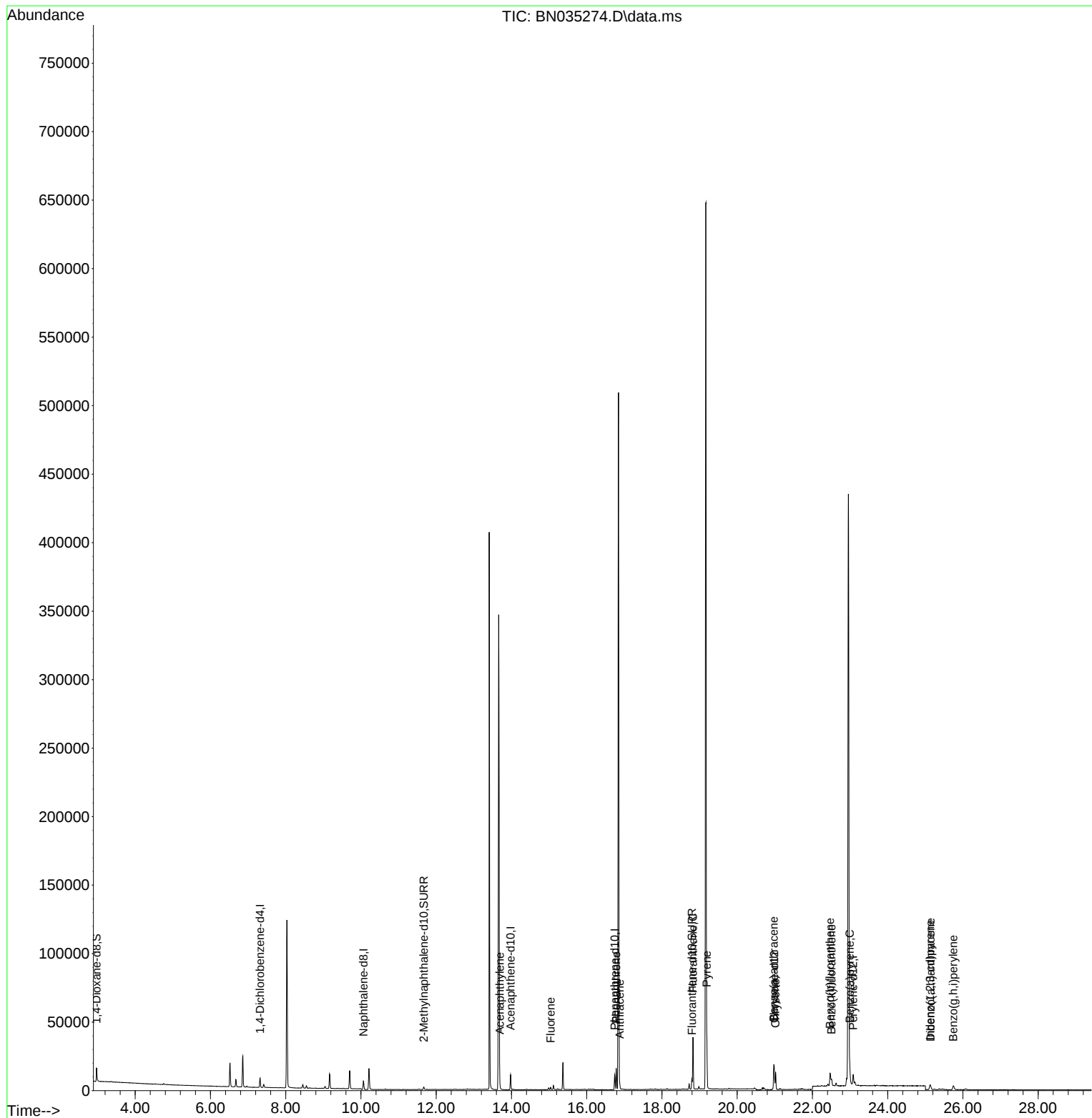
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035274.D
Acq On : 23 Nov 2024 11:47
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ALS Vial : 41 Sample Multiplier: 1

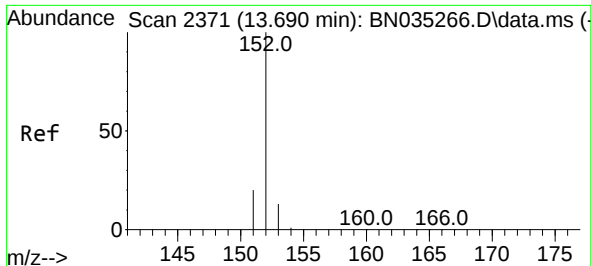
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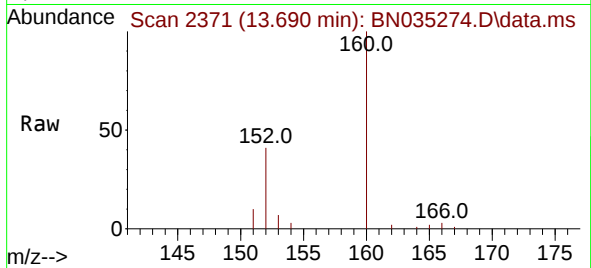
Quant Time: Nov 25 08:35:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
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#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 13.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

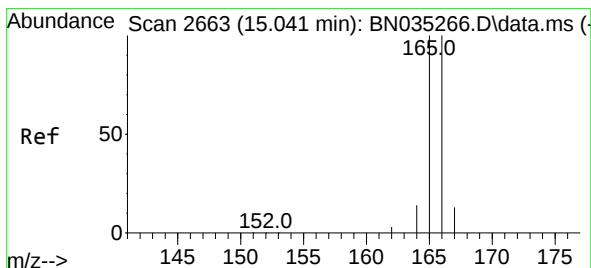
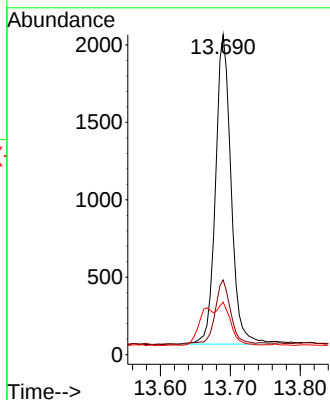
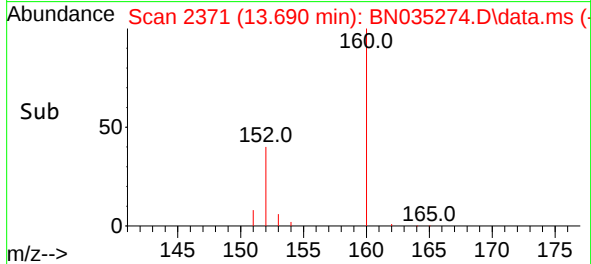
Instrument :
BNA_N
ClientSampleId :
E29Y5



Tgt Ion:152 Resp: 309
Ion Ratio Lower Upper
152 100
151 23.3 16.4 24.6
153 16.4 11.1 16.7

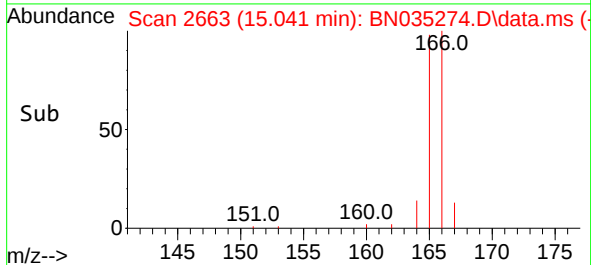
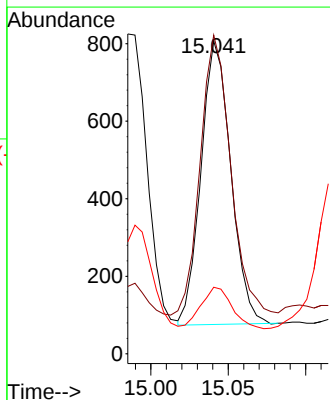
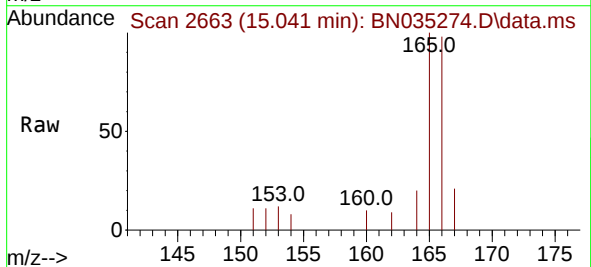
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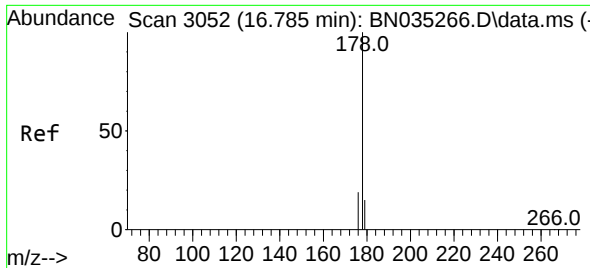
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Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.041 min Scan# 2663
Delta R.T. -0.005 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

Tgt Ion:166 Resp: 979
Ion Ratio Lower Upper
166 100
165 101.9 78.6 118.0
167 21.3 11.8 17.6#





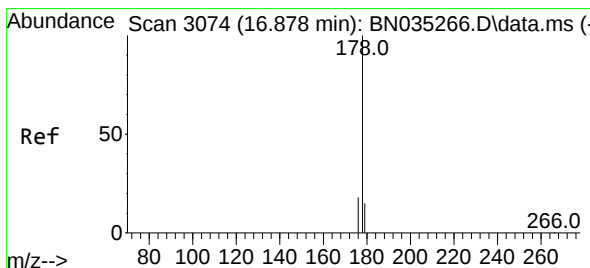
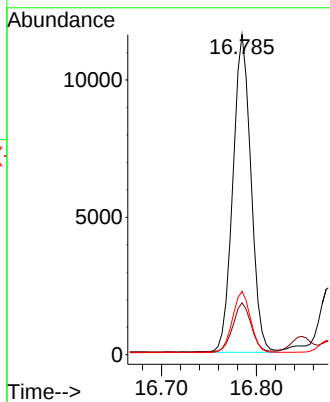
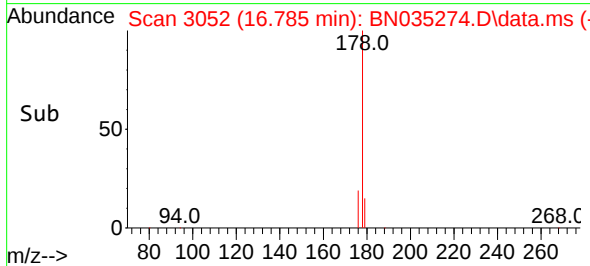
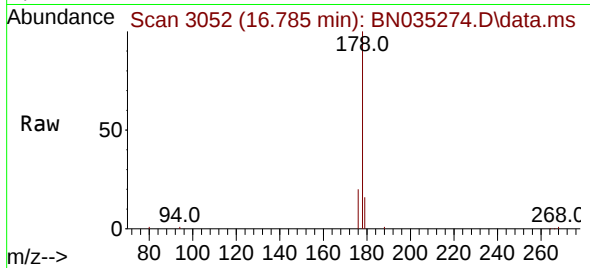
#15
Phenanthrene
Concen: 0.467 ng/ul
RT: 16.785 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

Instrument :
BNA_N
ClientSampleId :
E29Y5

Tgt Ion:178 Resp: 15309
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.8 15.6 23.4

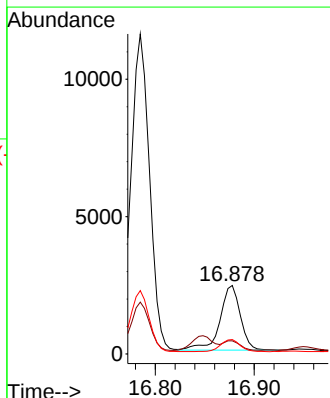
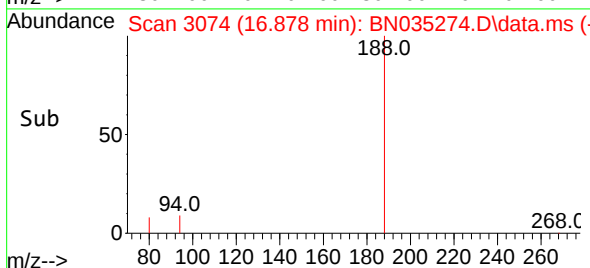
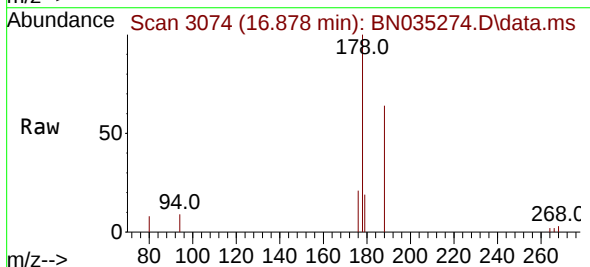
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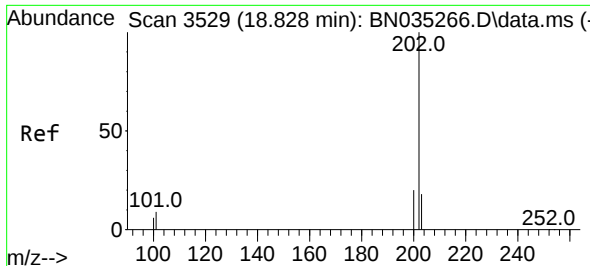
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Supervised By :mohammad ahmed 11/27/2024



#16
Anthracene
Concen: 0.111 ng/ul
RT: 16.878 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

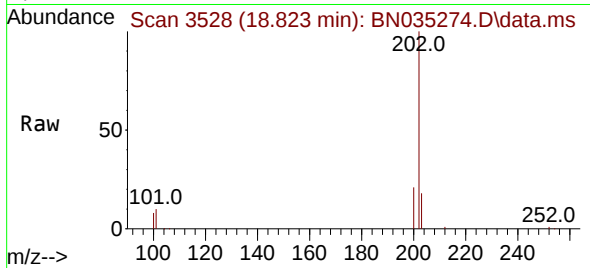
Tgt Ion:178 Resp: 3379
Ion Ratio Lower Upper
178 100
179 19.2 12.9 19.3
176 21.1 15.4 23.2





#19
Fluoranthene
Concen: 0.859 ng/ul
RT: 18.823 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

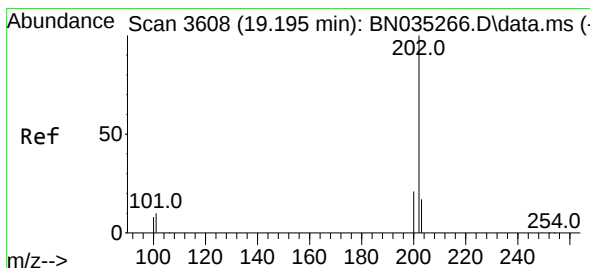
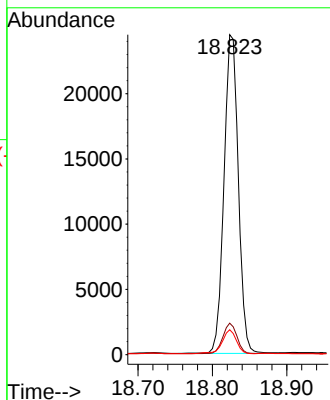
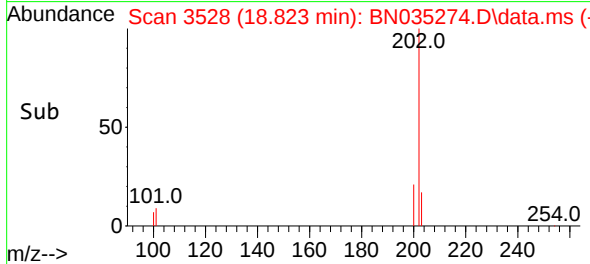
Instrument :
BNA_N
ClientSampleId :
E29Y5



Tgt Ion:202 Resp: 3262
Ion Ratio Lower Upper
202 100
101 9.8 5.8 8.6#
100 7.8 4.5 6.7#

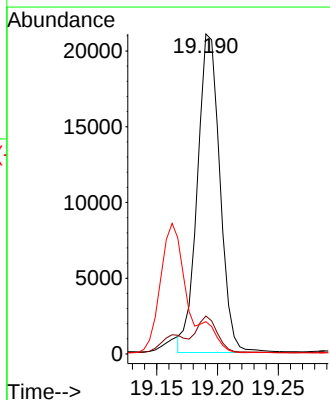
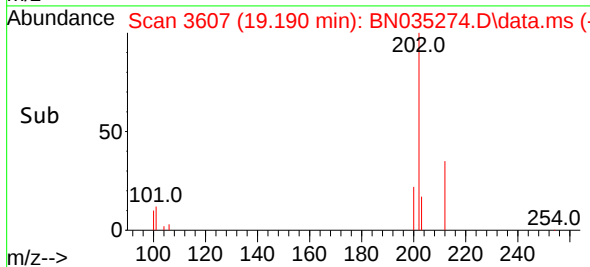
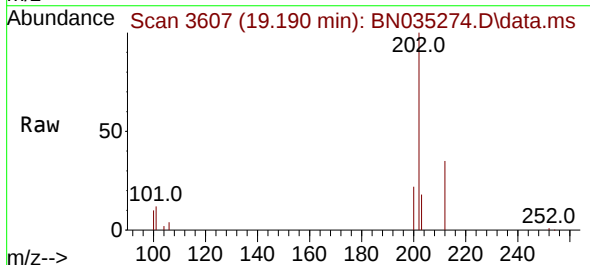
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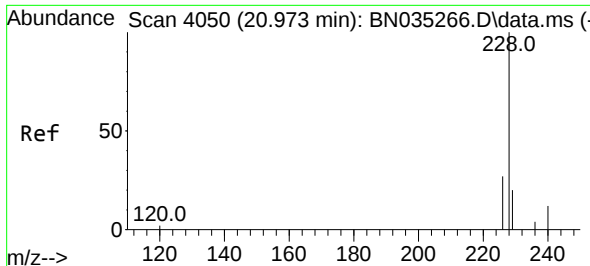
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#20
Pyrene
Concen: 0.688 ng/ul m
RT: 19.190 min Scan# 3607
Delta R.T. -0.009 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

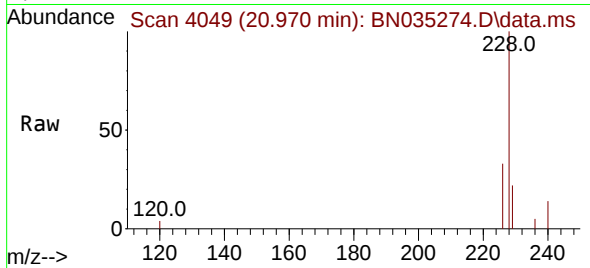
Tgt Ion:202 Resp: 27172
Ion Ratio Lower Upper
202 100
101 11.9 6.2 9.4#
100 10.1 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.333 ng/ul m
RT: 20.970 min Scan# 4050
Delta R.T. -0.009 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

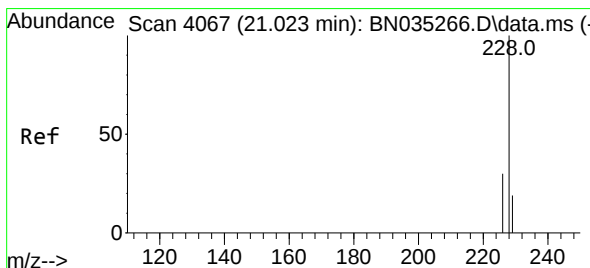
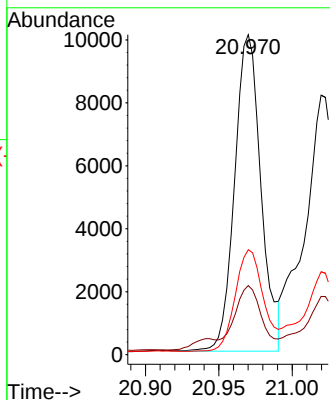
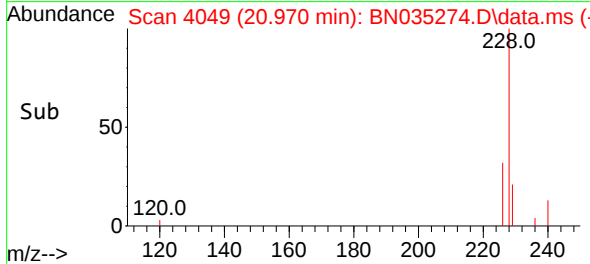
Instrument :
BNA_N
ClientSampleId :
E29Y5



Tgt Ion:228 Resp: 12589
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.8
226 32.8 21.8 32.8

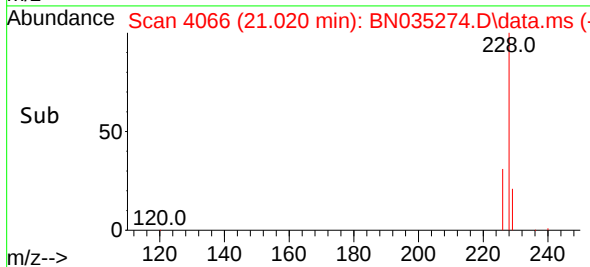
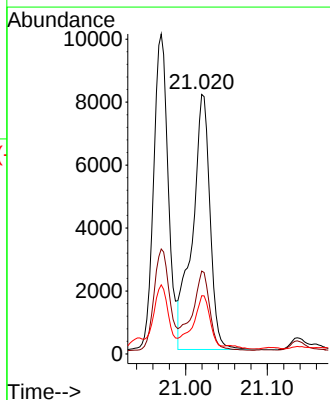
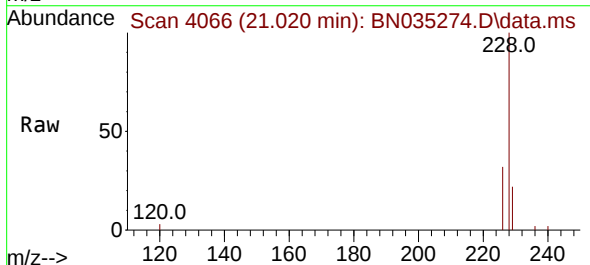
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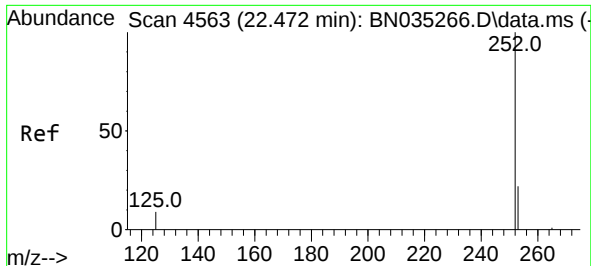
Reviewed By :Jagrut Upadhyay 11/26/2024
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#22
Chrysene
Concen: 0.319 ng/ul
RT: 21.020 min Scan# 4066
Delta R.T. -0.009 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

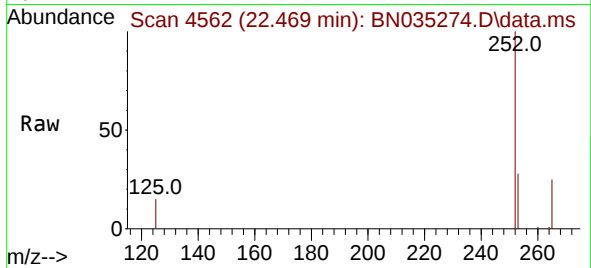
Tgt Ion:228 Resp: 12167
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 22.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.531 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

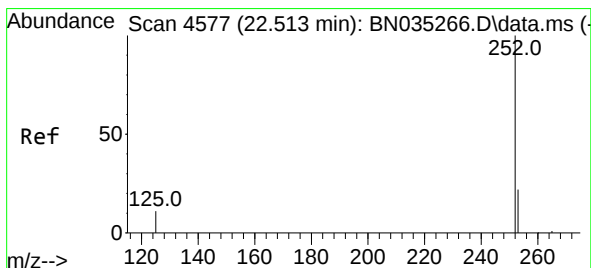
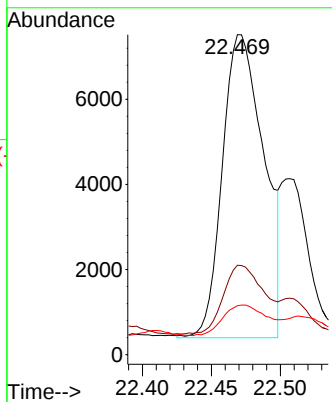
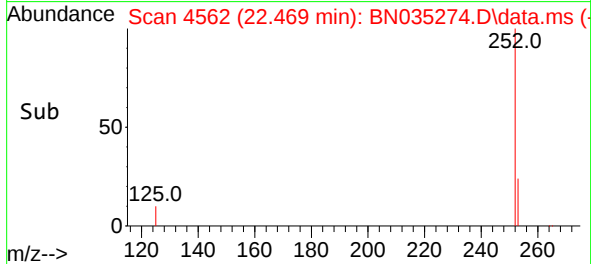
Instrument :
BNA_N
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E29Y5



Tgt Ion:252 Resp: 14960
Ion Ratio Lower Upper
252 100
253 28.0 0.0 54.0
125 15.3 0.0 19.4

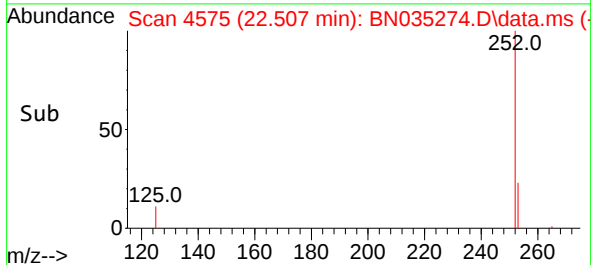
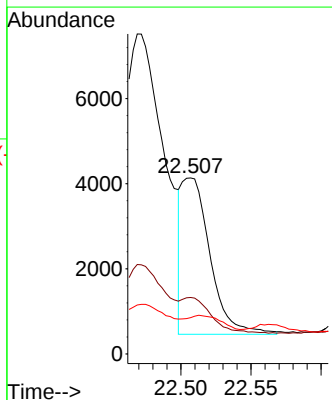
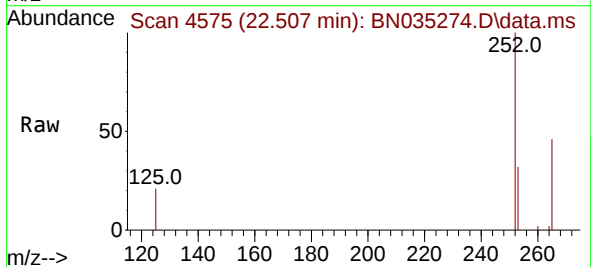
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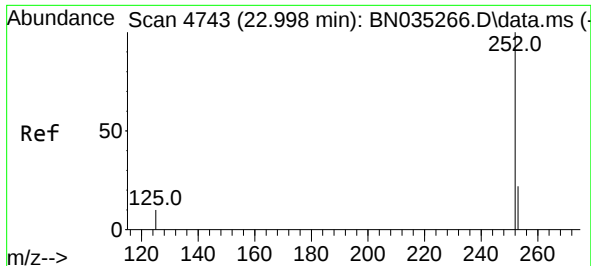
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Supervised By :mohammad ahmed 11/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.179 ng/ul m
RT: 22.507 min Scan# 4575
Delta R.T. -0.015 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

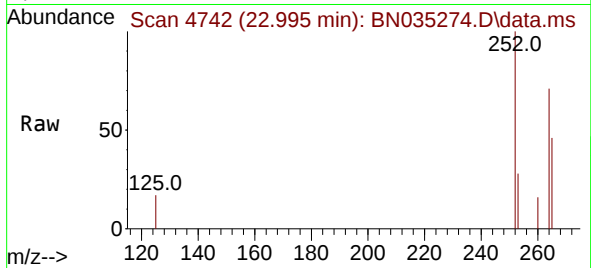
Tgt Ion:252 Resp: 5191
Ion Ratio Lower Upper
252 100
253 32.1 21.8 32.6
125 20.6 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.377 ng/ul m
RT: 22.995 min Scan# 4743
Delta R.T. -0.015 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

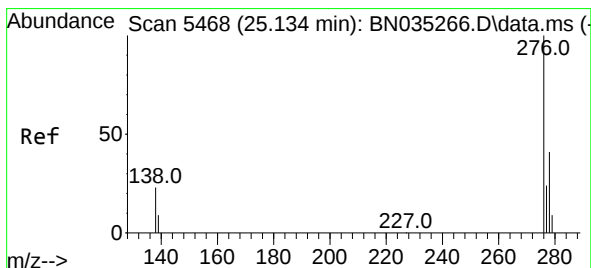
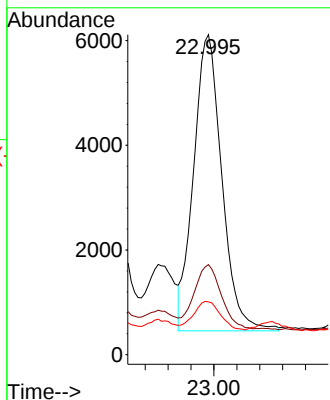
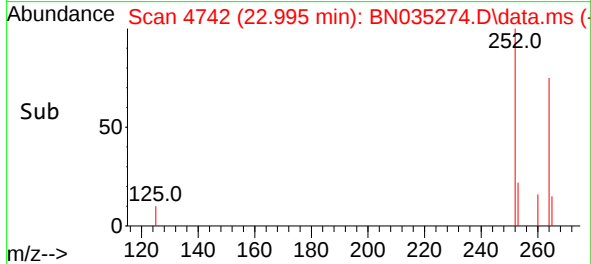
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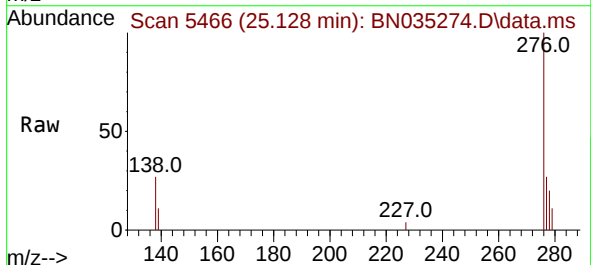
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Ion Ratio Lower Upper
252 100
253 28.2 22.9 34.3
125 16.5 9.4 14.2

Manual Integrations
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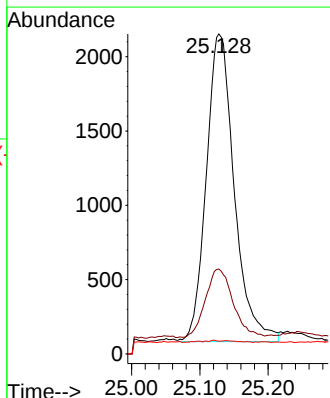
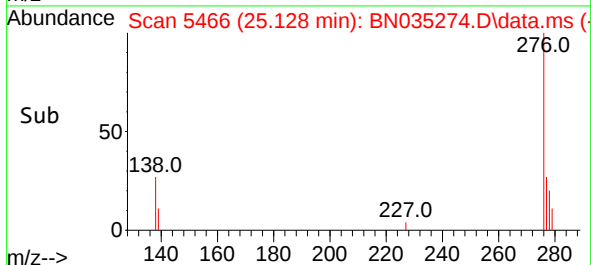
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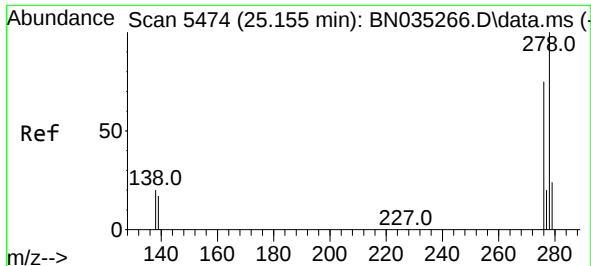


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng/ul m
RT: 25.128 min Scan# 5466
Delta R.T. -0.023 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47



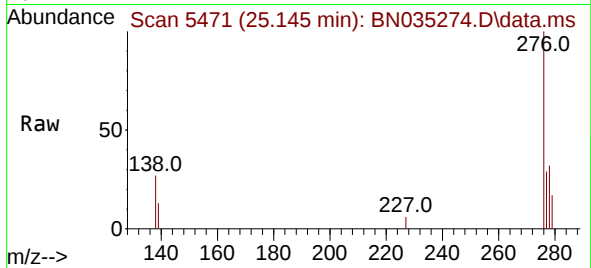
Tgt Ion:276 Resp: 5894
Ion Ratio Lower Upper
276 100
138 9.2 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul m
RT: 25.145 min Scan# 5474
Delta R.T. -0.027 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

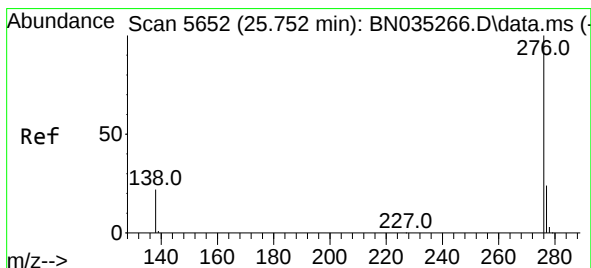
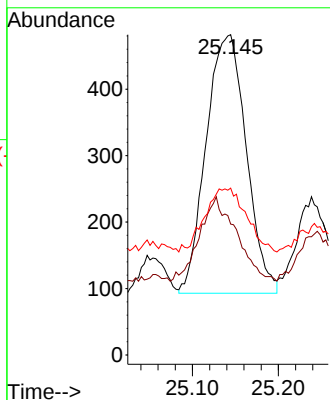
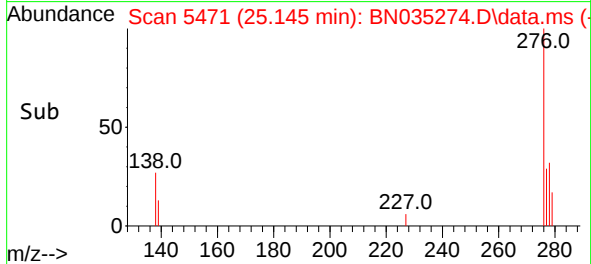
Instrument :
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E29Y5



Tgt Ion:278 Resp: 1262
Ion Ratio Lower Upper
278 100
139 40.9 10.7 16.1
279 52.1 22.8 34.2

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#29
Benzo(g,h,i)perylene
Concen: 0.213 ng/ul m
RT: 25.745 min Scan# 5650
Delta R.T. -0.030 min
Lab File: BN035274.D
Acq: 23 Nov 2024 11:47

Tgt Ion:276 Resp: 5843
Ion Ratio Lower Upper
276 100
138 27.0 13.0 19.6
277 27.3 20.5 30.7

