

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035273.D
 Acq On : 23 Nov 2024 11:11
 Operator : RC/JU
 Sample : P4872-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Z0

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 08:35:53 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	4001	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	11125	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.977	164	6981	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.743	188	15762	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.985	240	13559	0.400	ng/ul	# 0.00
23) Perylene-d12	23.083	264	10584m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	6776	1.853	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	2561	0.157	ng/ul	0.00
18) Fluoranthene-d10	18.796	212	7374	0.197	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.114	128	628	0.022	ng/ul#	76
8) 1-Methylnaphthalene	11.972	142	426	0.022	ng/ul	96
10) Acenaphthylene	13.690	152	12976	0.469	ng/ul	99
11) Acenaphthene	14.041	153	1115	0.053	ng/ul	94
12) Fluorene	15.041	166	4172	0.168	ng/ul	99
15) Phenanthrene	16.785	178	64665	1.552	ng/ul	99
16) Anthracene	16.878	178	15216	0.393	ng/ul	99
19) Fluoranthene	18.823	202	125641	2.661	ng/ul#	94
20) Pyrene	19.195	202	107516	2.189	ng/ul#	94
21) Benzo(a)anthracene	20.970	228	55613m	1.182	ng/ul	
22) Chrysene	21.020	228	51677	1.091	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252	57399m	1.641	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	21757m	0.603	ng/ul	
26) Benzo(a)pyrene	22.995	252	40822	1.277	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.128	276	24336	0.564	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.138	278	5469	0.162	ng/ul#	85
29) Benzo(g,h,i)perylene	25.748	276	22401	0.658	ng/ul#	93

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

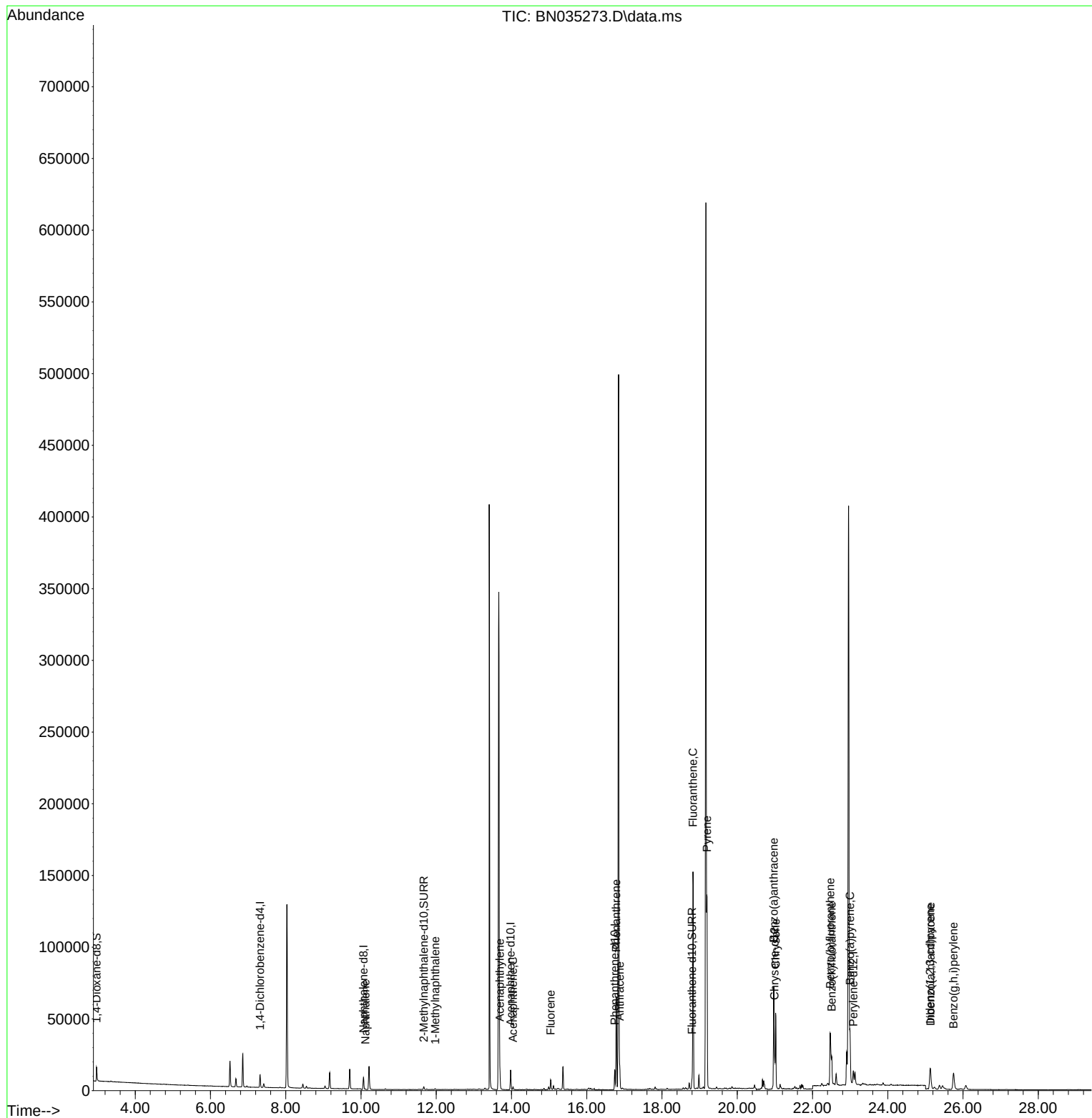
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035273.D
Acq On : 23 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

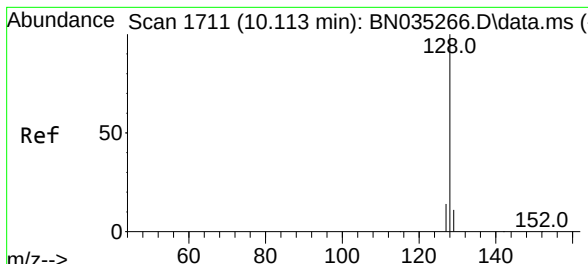
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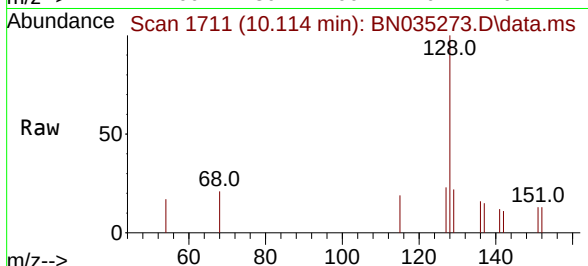
Quant Time: Nov 25 08:35:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.114 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

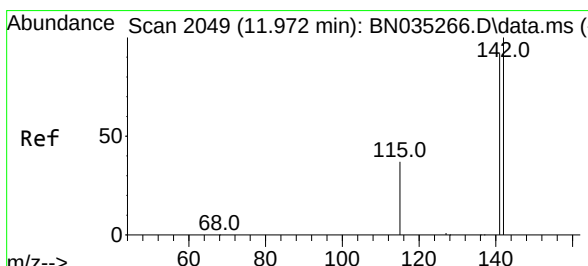
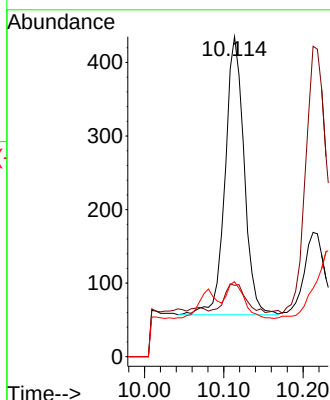
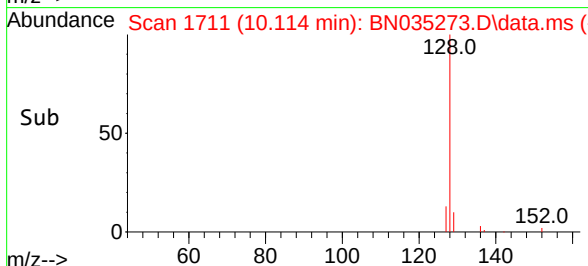
Instrument :
BNA_N
ClientSampleId :
E29Z0



Tgt Ion:128 Resp: 628
Ion Ratio Lower Upper
128 100
129 22.3 9.9 14.9
127 23.4 11.4 17.2

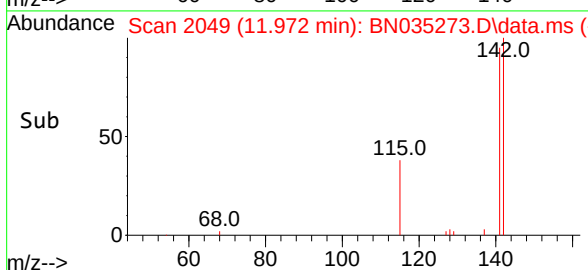
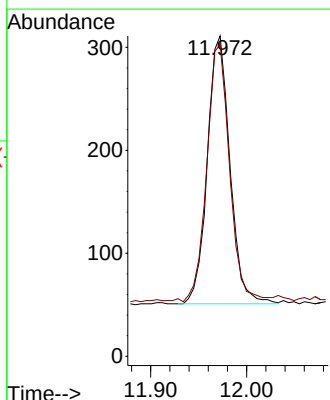
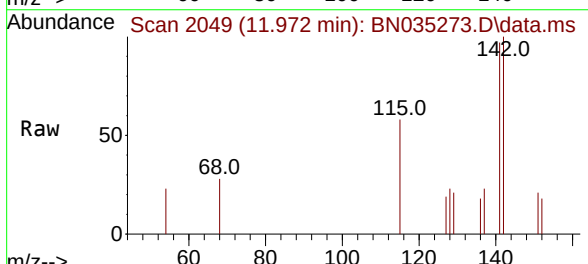
Manual Integrations
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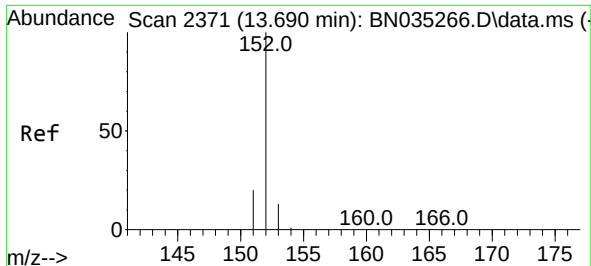
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

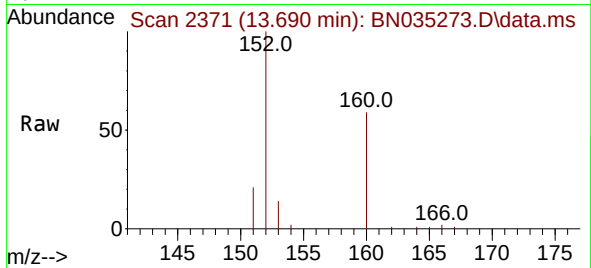
Tgt Ion:142 Resp: 426
Ion Ratio Lower Upper
142 100
141 95.1 73.1 109.7





#10
Acenaphthylene
Concen: 0.469 ng/ul
RT: 13.690 min Scan# 2371
Delta R.T. 0.000 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

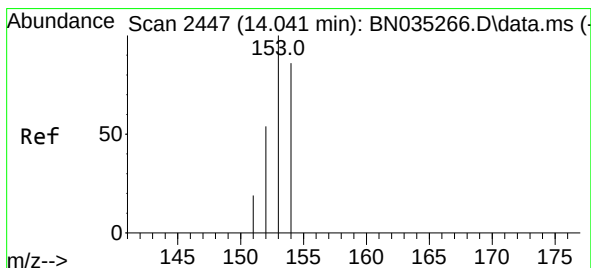
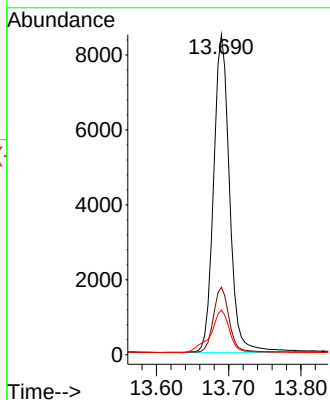
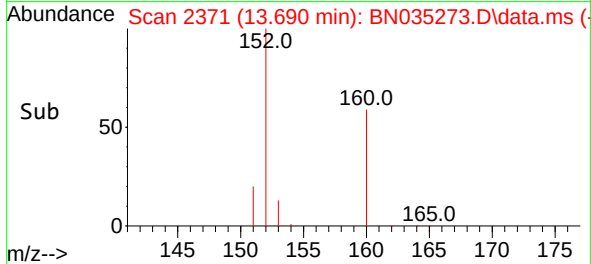
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 12970
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.0 11.1 16.7

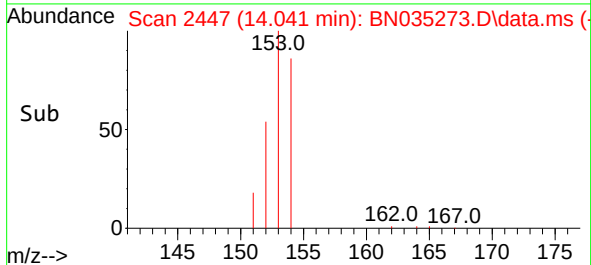
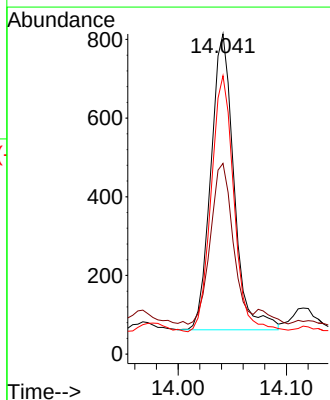
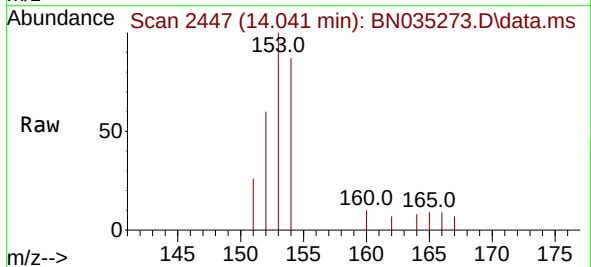
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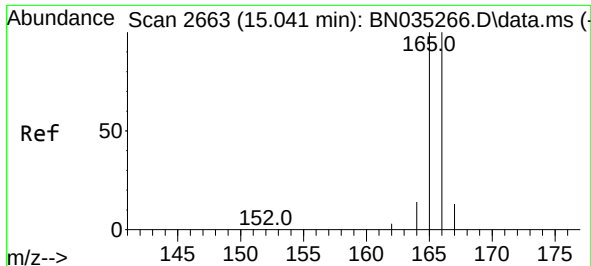
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.041 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

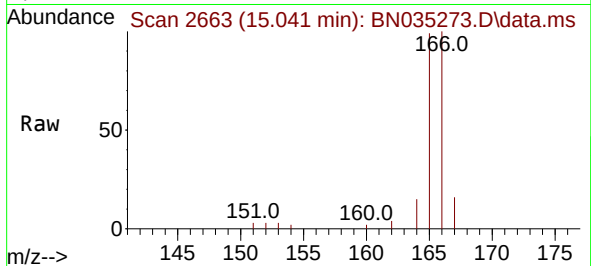
Tgt Ion:153 Resp: 1115
Ion Ratio Lower Upper
153 100
152 59.6 41.4 62.0
154 87.0 71.2 106.8





#12
Fluorene
Concen: 0.168 ng/u1
RT: 15.041 min Scan# 2063
Delta R.T. -0.004 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

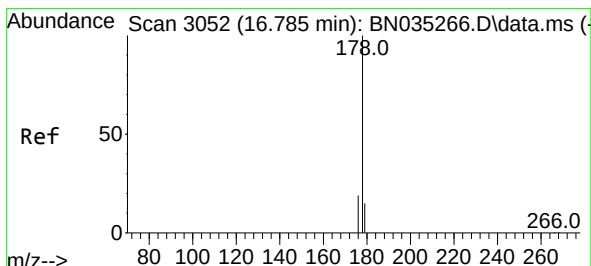
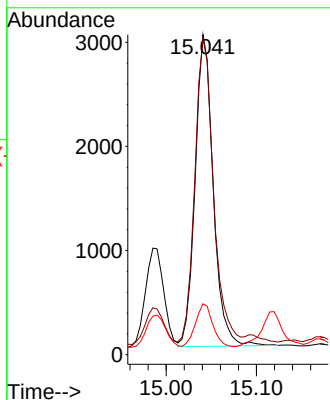
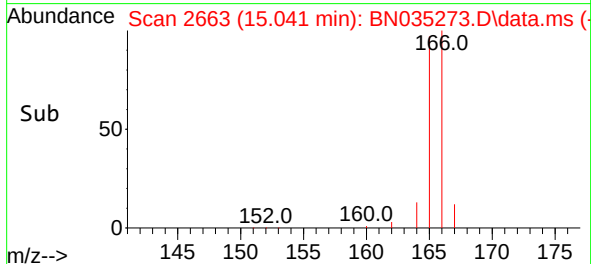
Instrument :
BNA_N
ClientSampleId :
E29Z0



Tgt Ion:166 Resp: 4172
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 15.9 11.8 17.6

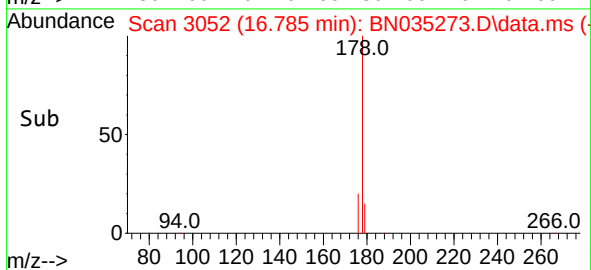
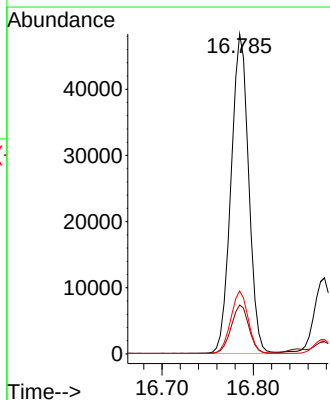
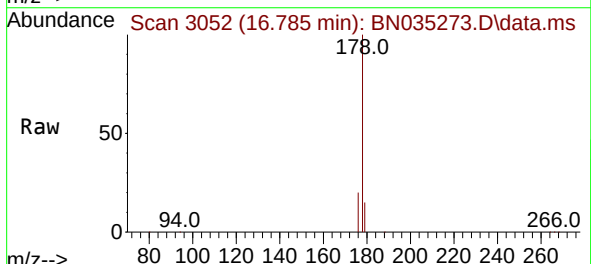
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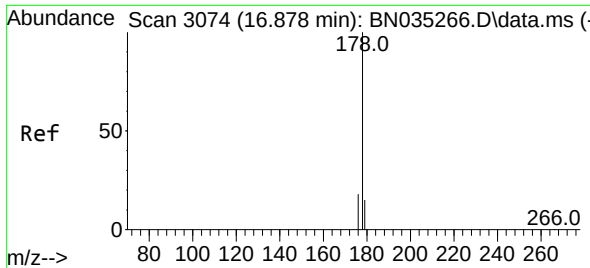
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#15
Phenanthrene
Concen: 1.552 ng/u1
RT: 16.785 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

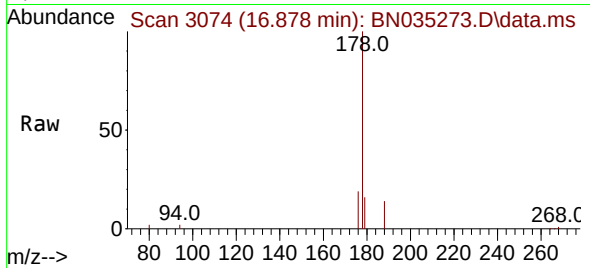
Tgt Ion:178 Resp: 64665
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.7 15.6 23.4





#16
 Anthracene
 Concen: 0.393 ng/ul
 RT: 16.878 min Scan# 3074
 Delta R.T. -0.004 min
 Lab File: BN035273.D
 Acq: 23 Nov 2024 11:11

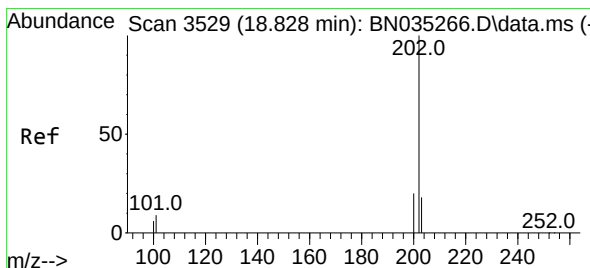
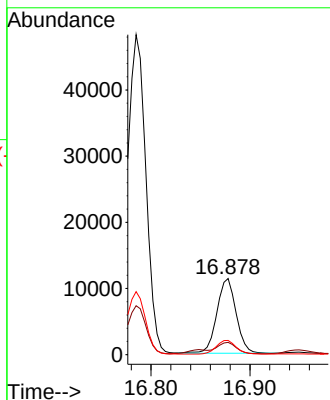
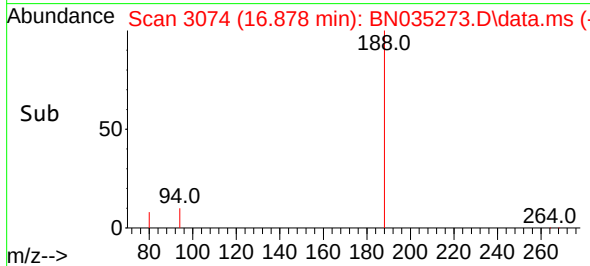
Instrument :
 BNA_N
 ClientSampleId :
 E29Z0



Tgt Ion:178 Resp: 15210
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.9 19.3
 176 18.7 15.4 23.2

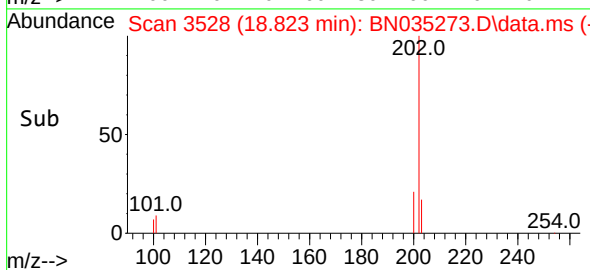
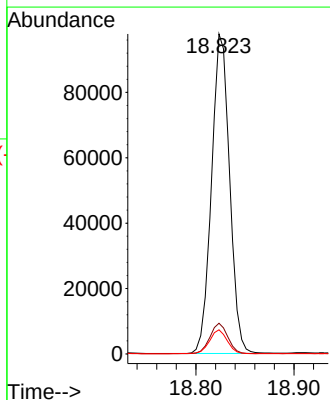
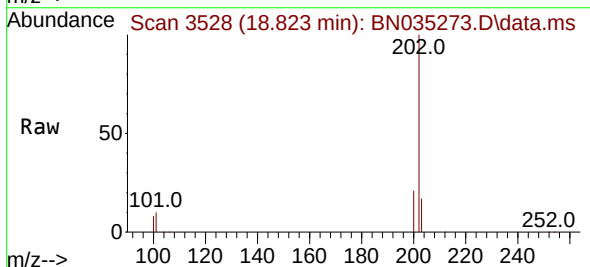
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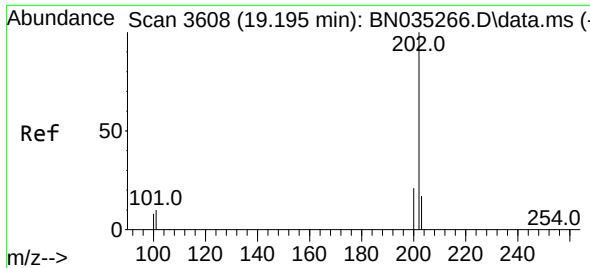
Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024



#19
 Fluoranthene
 Concen: 2.661 ng/ul
 RT: 18.823 min Scan# 3528
 Delta R.T. -0.009 min
 Lab File: BN035273.D
 Acq: 23 Nov 2024 11:11

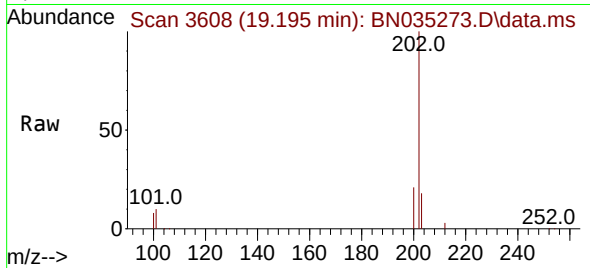
Tgt Ion:202 Resp: 125641
 Ion Ratio Lower Upper
 202 100
 101 9.6 5.8 8.6#
 100 7.5 4.5 6.7#





#20
Pyrene
Concen: 2.189 ng/ul
RT: 19.195 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

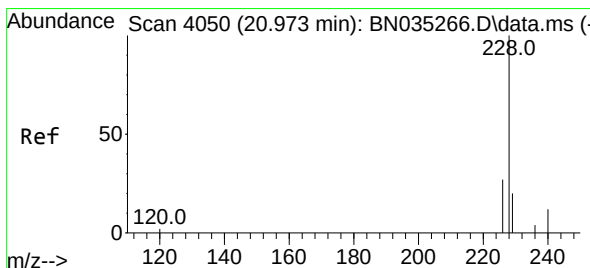
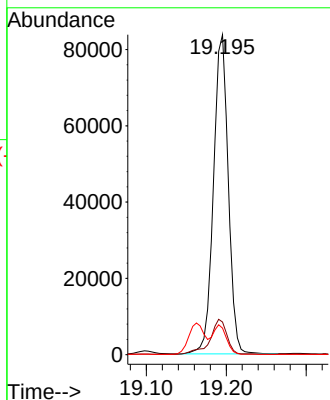
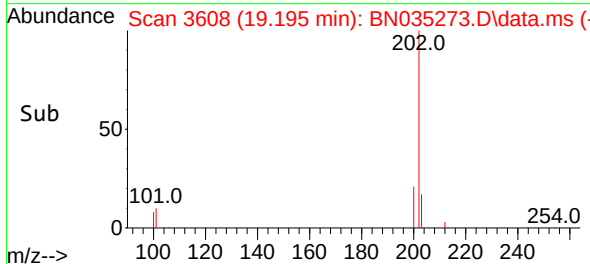
Instrument :
BNA_N
ClientSampleId :
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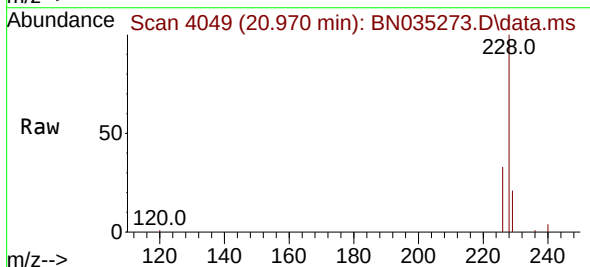
Tgt Ion:202 Resp: 107510
Ion Ratio Lower Upper
202 100
101 10.2 6.2 9.4
100 8.3 5.1 7.7

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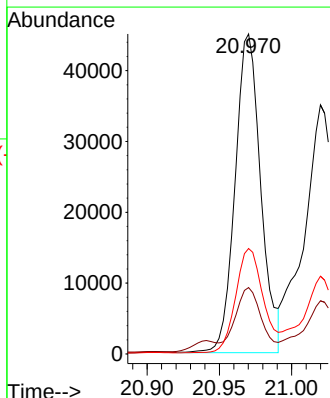
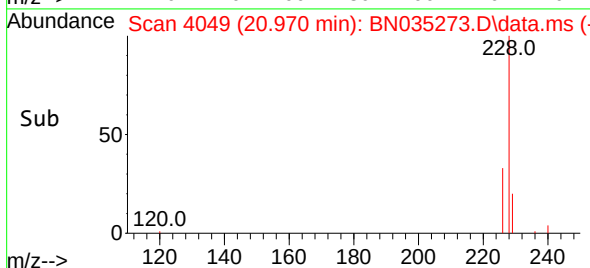
Reviewed By :Jagrut Upadhyay 11/26/2024
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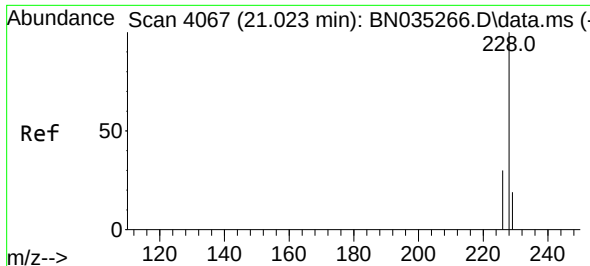


#21
Benzo(a)anthracene
Concen: 1.182 ng/ul m
RT: 20.970 min Scan# 4049
Delta R.T. -0.009 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11



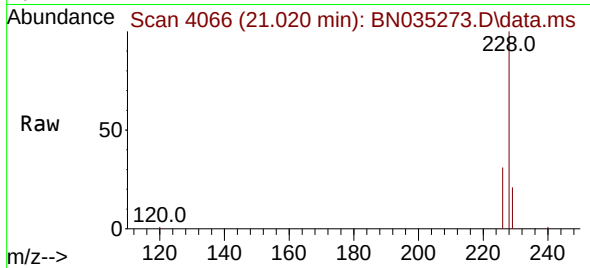
Tgt Ion:228 Resp: 55613
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 32.9 21.8 32.8





#22
Chrysene
Concen: 1.091 ng/ul
RT: 21.020 min Scan# 4066
Delta R.T. -0.009 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

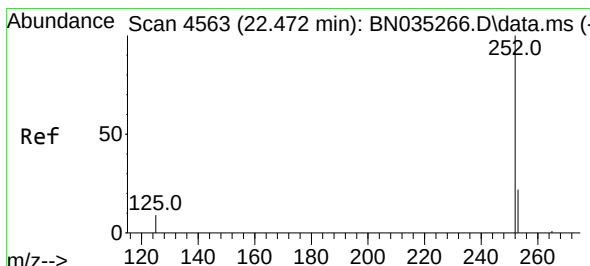
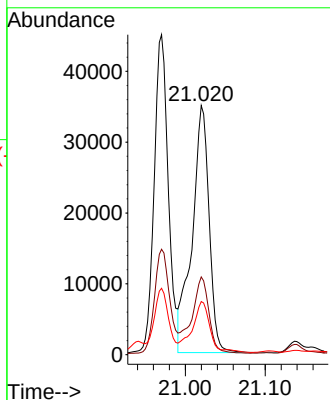
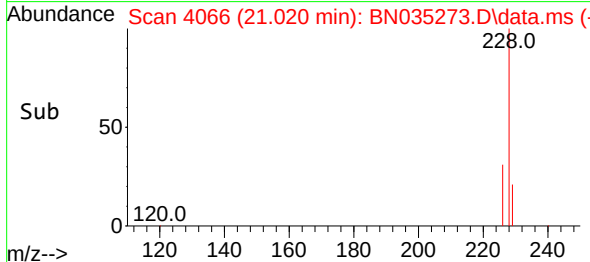
Instrument :
BNA_N
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E29Z0



Tgt Ion:228 Resp: 5167
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 21.3 16.0 24.0

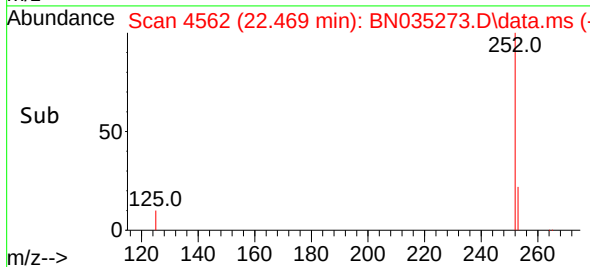
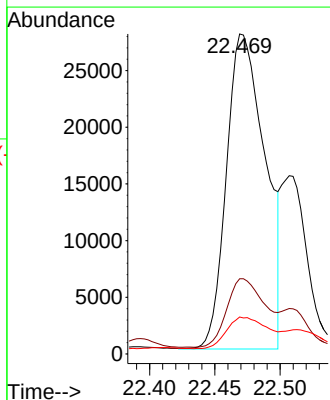
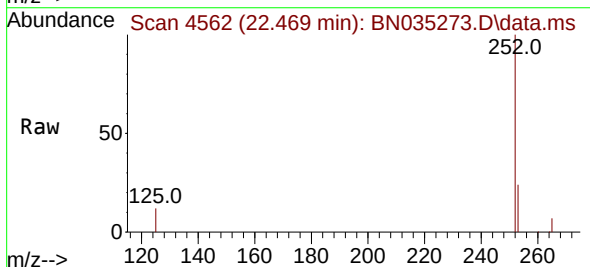
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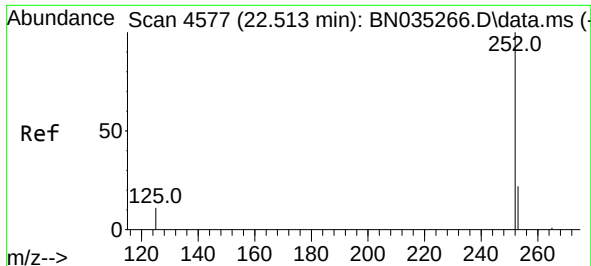
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Benzo(b)fluoranthene
Concen: 1.641 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

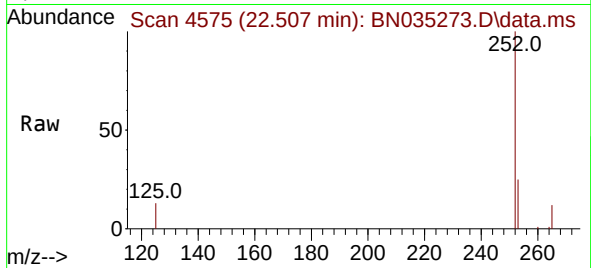
Tgt Ion:252 Resp: 57399
Ion Ratio Lower Upper
252 100
253 23.5 0.0 54.0
125 11.6 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.603 ng/ul m
RT: 22.507 min Scan# 4575
Delta R.T. -0.014 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

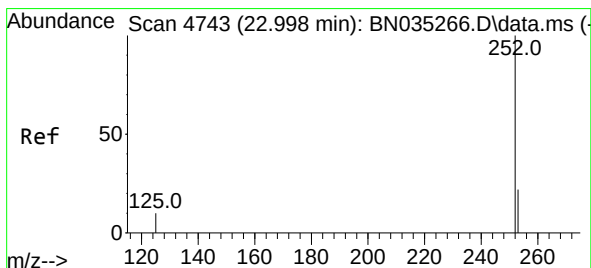
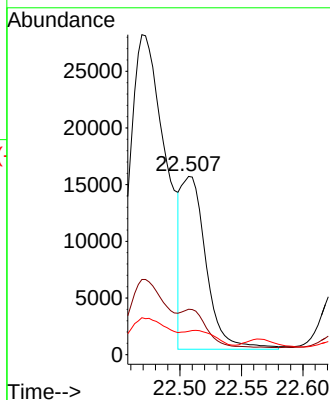
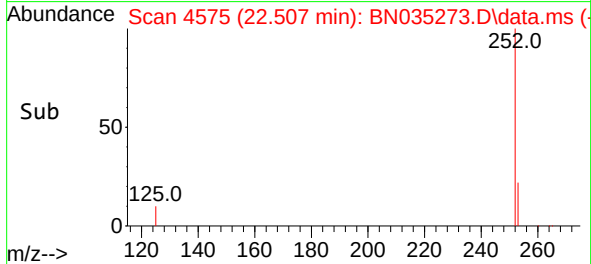
Instrument :
BNA_N
ClientSampleId :
E29Z0



Tgt Ion:252 Resp: 2175
Ion Ratio Lower Upper
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125 13.1 8.6 12.8

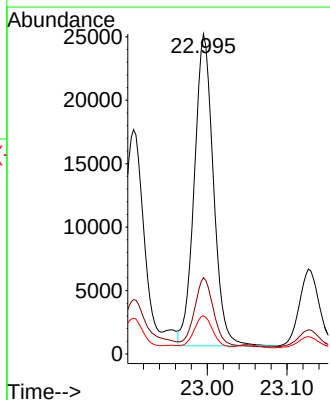
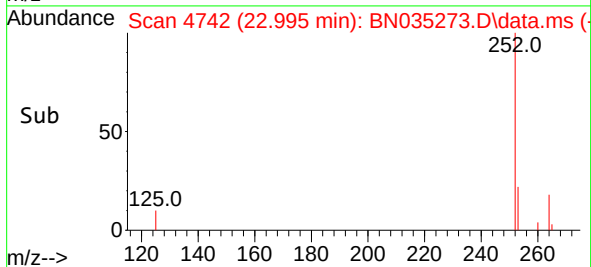
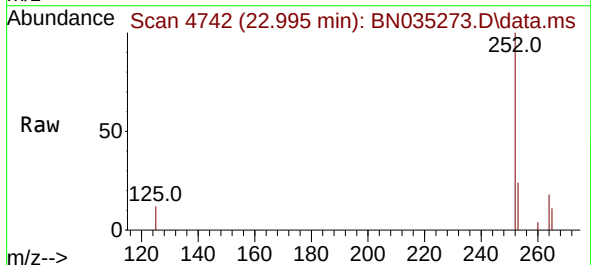
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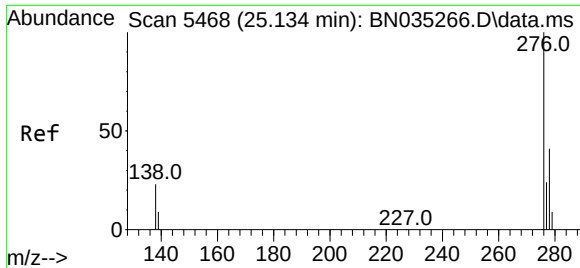
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#26
Benzo(a)pyrene
Concen: 1.277 ng/ul
RT: 22.995 min Scan# 4742
Delta R.T. -0.014 min
Lab File: BN035273.D
Acq: 23 Nov 2024 11:11

Tgt Ion:252 Resp: 40822
Ion Ratio Lower Upper
252 100
253 23.8 22.9 34.3
125 11.9 9.4 14.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.564 ng/ul

RT: 25.128 min Scan# 5466

Delta R.T. -0.023 min

Lab File: BN035273.D

Acq: 23 Nov 2024 11:11

Instrument :

BNA_N

ClientSampleId :

E29Z0

Tgt Ion: 276 Resp: 24330

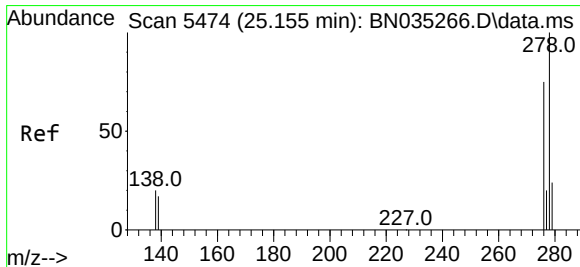
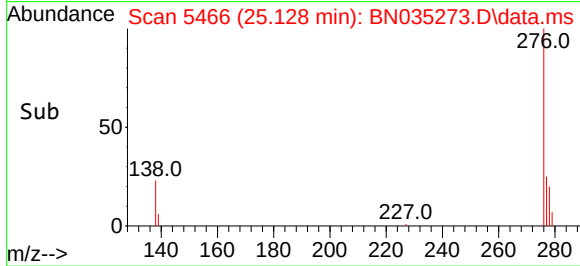
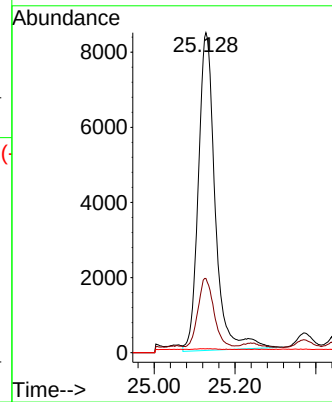
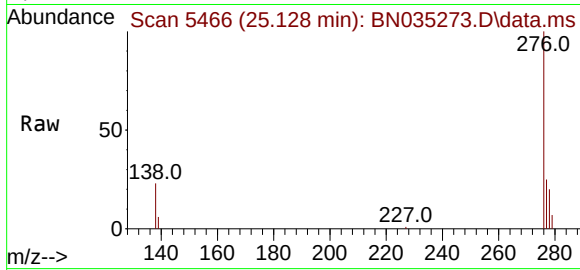
Ion	Ratio	Lower	Upper
276	100		
138	25.2	13.8	20.8
227	7.0	0.2	0.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024

Supervised By :mohammad ahmed 11/27/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.162 ng/ul

RT: 25.138 min Scan# 5469

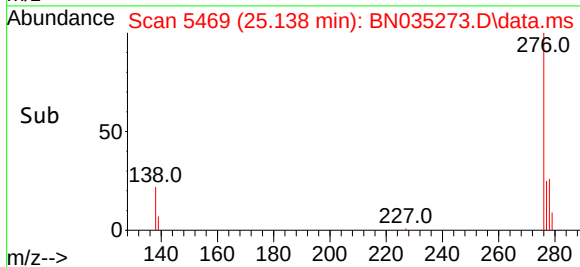
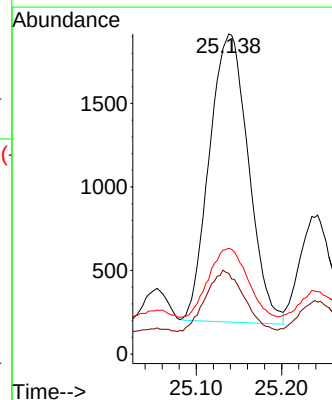
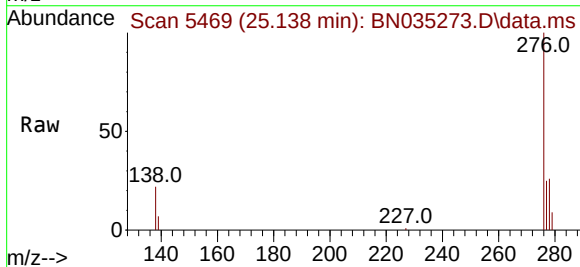
Delta R.T. -0.033 min

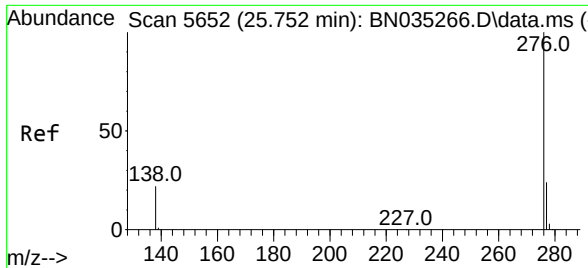
Lab File: BN035273.D

Acq: 23 Nov 2024 11:11

Tgt Ion: 278 Resp: 5469

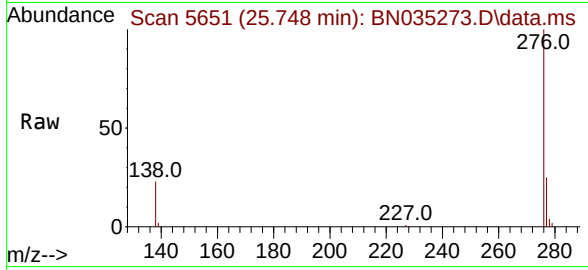
Ion	Ratio	Lower	Upper
278	100		
139	25.2	10.7	16.1
279	33.0	22.8	34.2





#29
 Benzo(g,h,i)perylene
 Concen: 0.658 ng/ul
 RT: 25.748 min Scan# 50
 Delta R.T. -0.027 min
 Lab File: BN035273.D
 Acq: 23 Nov 2024 11:11

Instrument :
 BNA_N
 ClientSampleId :
 E29Z0



Tgt Ion: 276 Resp: 2240

Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.0	19.6
277	24.7	20.5	30.7

Manual Integrations
 APPROVED

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

