

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035271.D
 Acq On : 23 Nov 2024 09:59
 Operator : RC/JU
 Sample : P4872-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X8

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 08:35:41 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	3740	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	10283	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.977	164	6478	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.743	188	14864	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.985	240	11403	0.400	ng/ul	# 0.00
23) Perylene-d12	23.083	264	8837m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	8292	2.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	3003	0.199	ng/ul	0.00
18) Fluoranthene-d10	18.796	212	8548	0.272	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.690	152	3833	0.149	ng/ul	96
12) Fluorene	15.041	166	466	0.020	ng/ul#	95
15) Phenanthrene	16.785	178	6848	0.174	ng/ul	99
16) Anthracene	16.878	178	2460	0.067	ng/ul#	93
19) Fluoranthene	18.824	202	45211	1.139	ng/ul#	94
20) Pyrene	19.191	202	43669	1.057	ng/ul#	89
21) Benzo(a)anthracene	20.968	228	16852	0.426	ng/ul	94
22) Chrysene	21.020	228	16599	0.417	ng/ul	98
24) Benzo(b)fluoranthene	22.469	252	19470m	0.667	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	8285m	0.275	ng/ul	
26) Benzo(a)pyrene	22.993	252	14083m	0.528	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.128	276	8772m	0.243	ng/ul	
28) Dibenzo(a,h)anthracene	25.138	278	1791m	0.063	ng/ul	
29) Benzo(g,h,i)perylene	25.749	276	9007m	0.317	ng/ul	

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

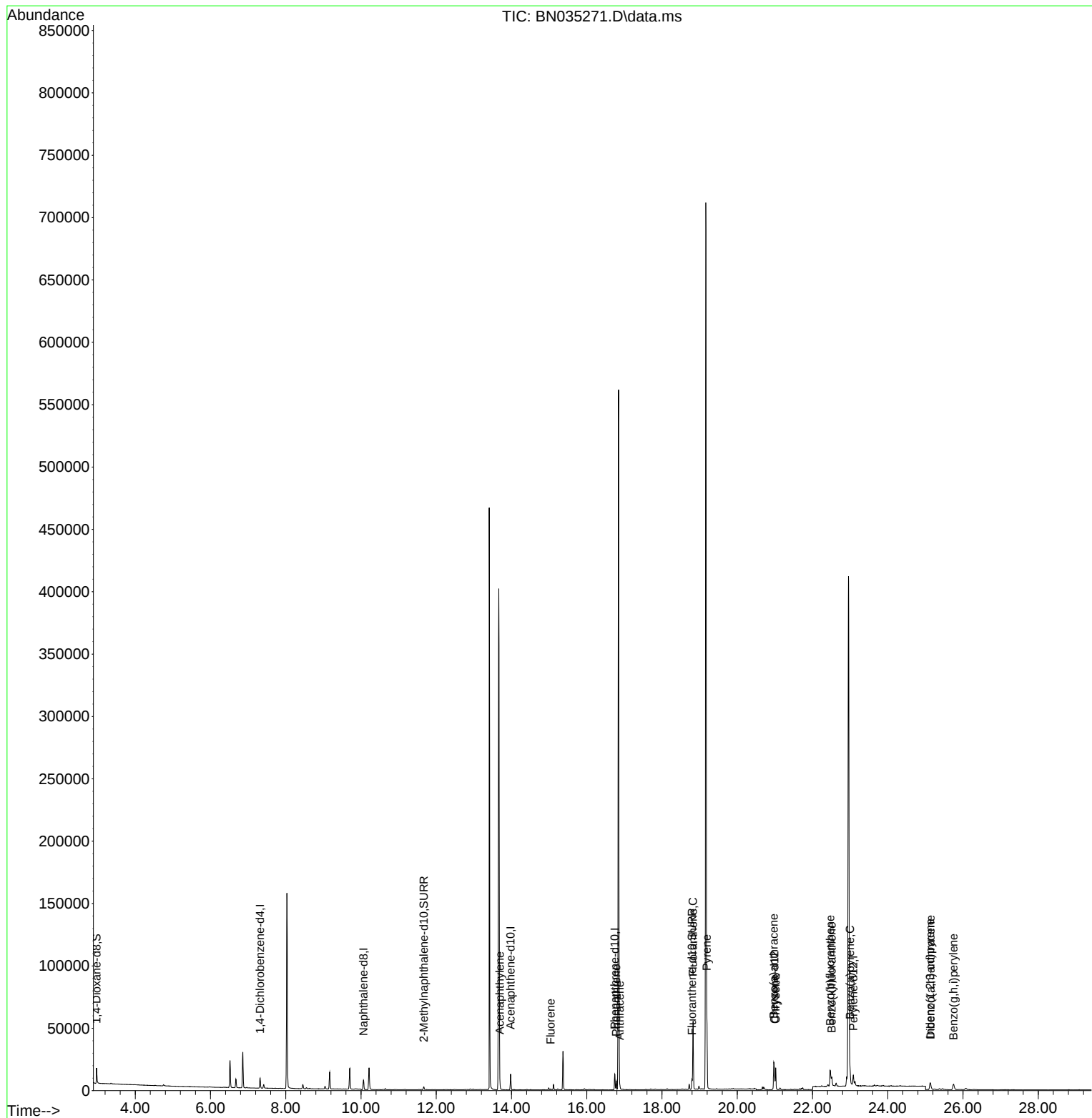
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
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ALS Vial : 38 Sample Multiplier: 1

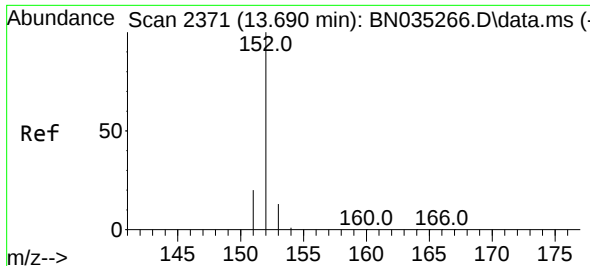
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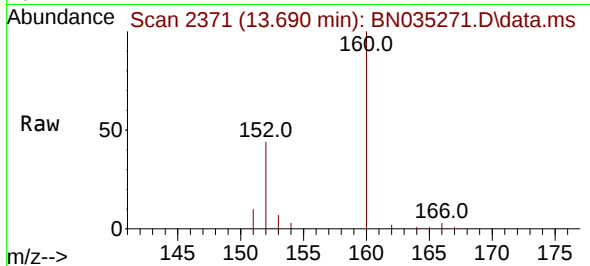
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.149 ng/ul
RT: 13.690 min Scan# 2371
Delta R.T. 0.000 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

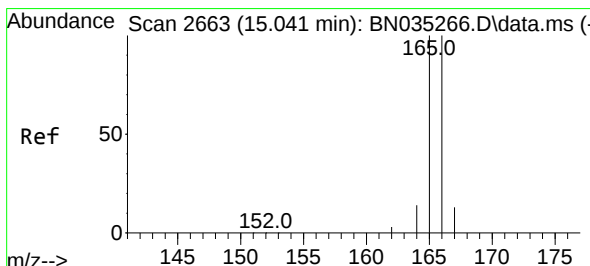
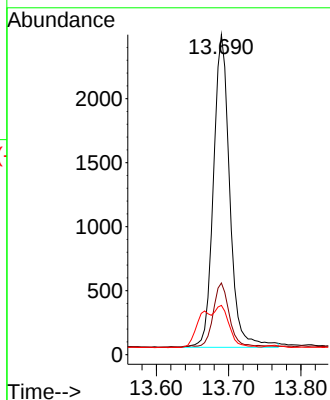
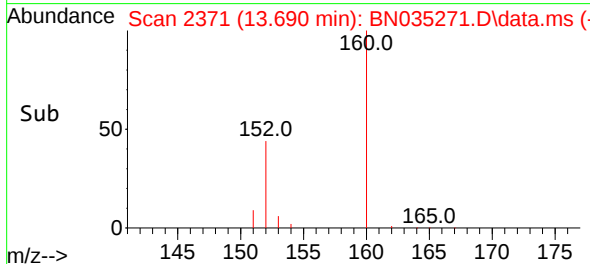
Instrument :
BNA_N
ClientSampleId :
E29X8



Tgt Ion:152 Resp: 383
Ion Ratio Lower Upper
152 100
151 22.4 16.4 24.6
153 15.4 11.1 16.7

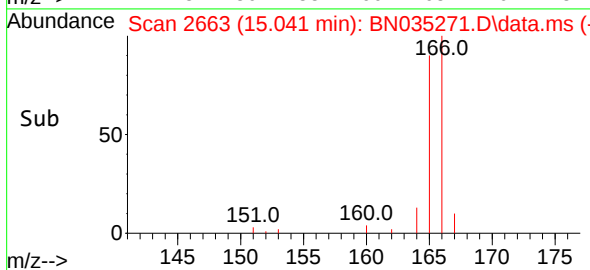
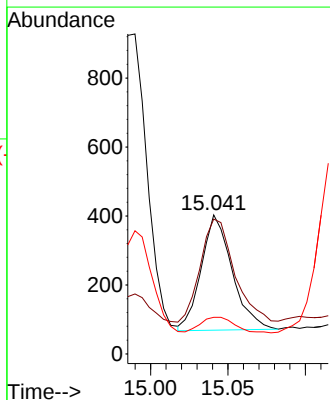
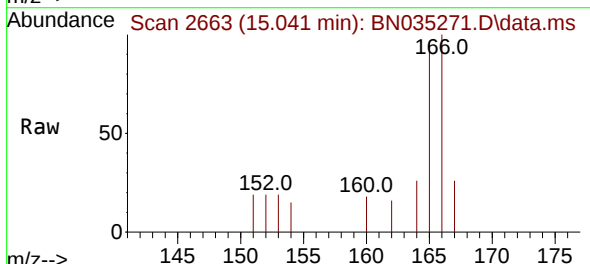
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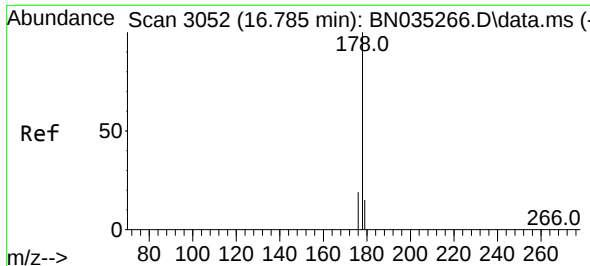
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.041 min Scan# 2663
Delta R.T. -0.004 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

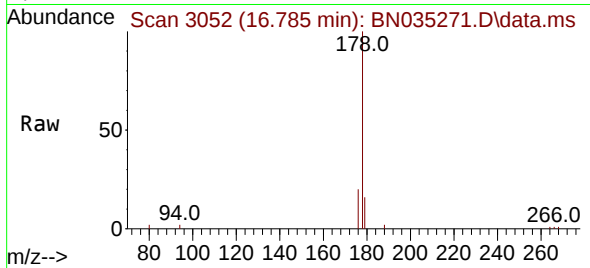
Tgt Ion:166 Resp: 466
Ion Ratio Lower Upper
166 100
165 97.0 78.6 118.0
167 26.3 11.8 17.6#





#15
Phenanthrene
Concen: 0.174 ng/ul
RT: 16.785 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

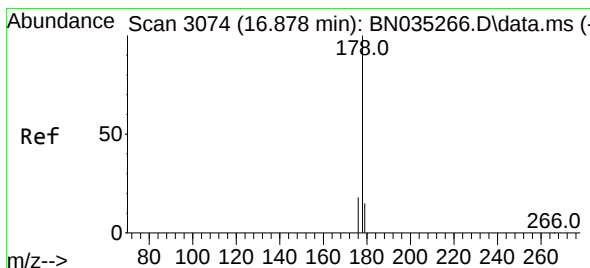
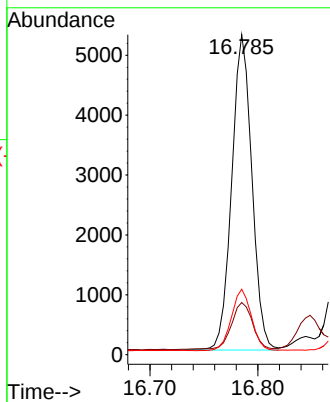
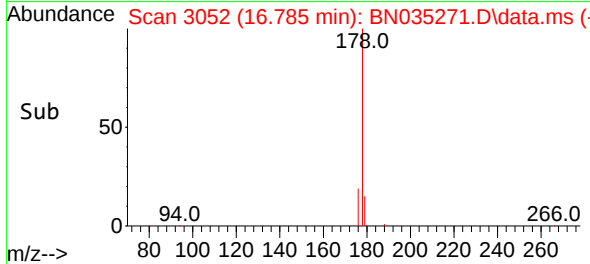
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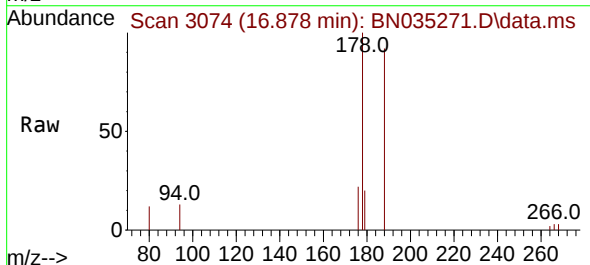
Tgt Ion:178 Resp: 6848
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.4 15.6 23.4

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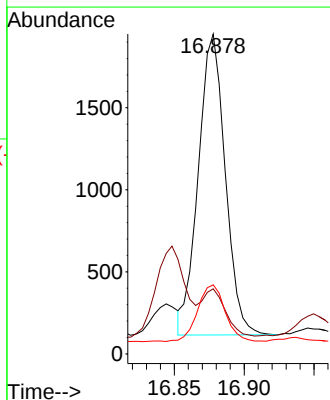
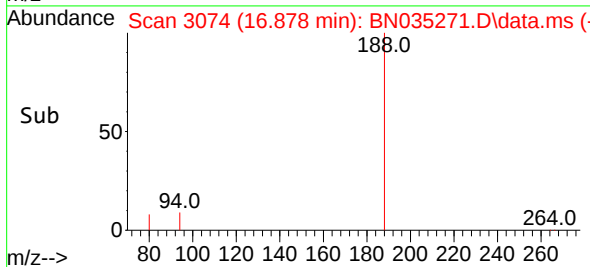
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Supervised By :mohammad ahmed 11/27/2024

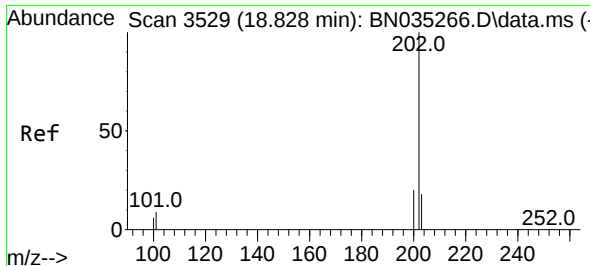


#16
Anthracene
Concen: 0.067 ng/ul
RT: 16.878 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59



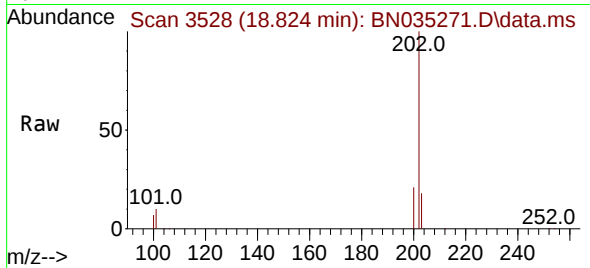
Tgt Ion:178 Resp: 2460
Ion Ratio Lower Upper
178 100
179 20.3 12.9 19.3#
176 21.6 15.4 23.2





#19
Fluoranthene
Concen: 1.139 ng/u1
RT: 18.824 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

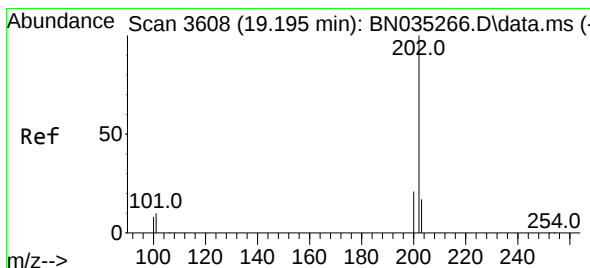
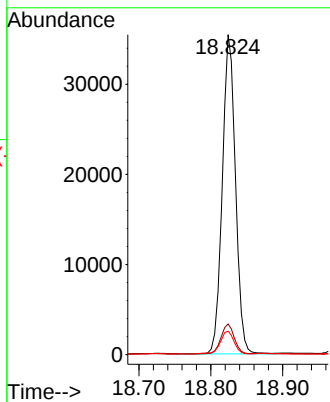
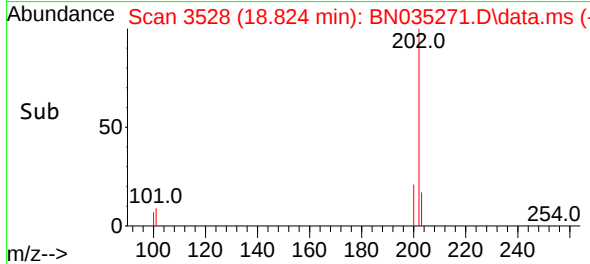
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 45211
Ion Ratio Lower Upper
202 100
101 9.6 5.8 8.6#
100 7.3 4.5 6.7#

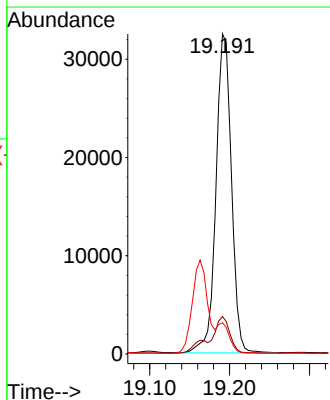
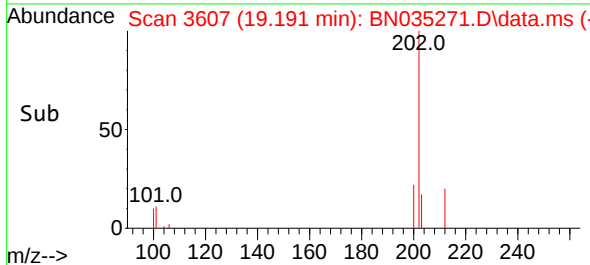
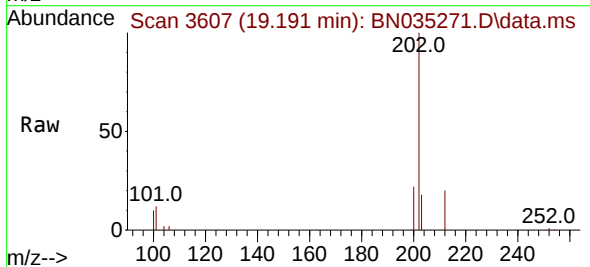
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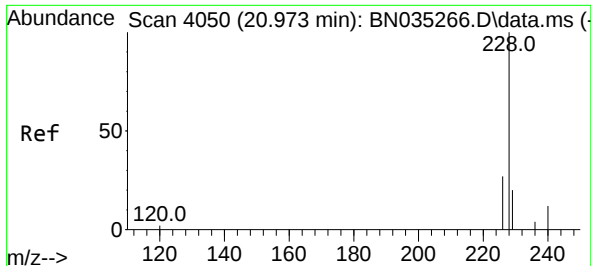
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#20
Pyrene
Concen: 1.057 ng/u1
RT: 19.191 min Scan# 3607
Delta R.T. -0.009 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

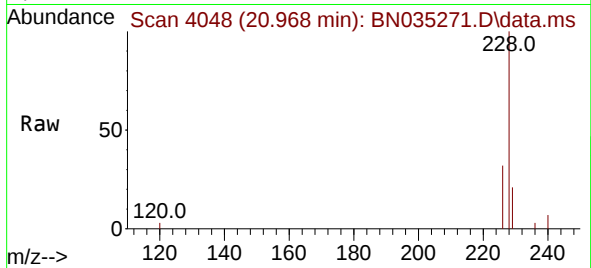
Tgt Ion:202 Resp: 43669
Ion Ratio Lower Upper
202 100
101 11.7 6.2 9.4#
100 9.7 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 20.968 min Scan# 4048
Delta R.T. -0.011 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

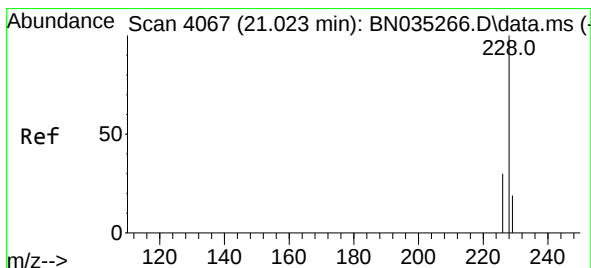
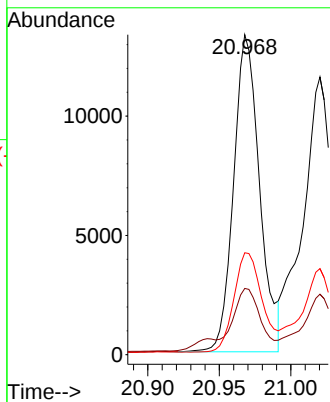
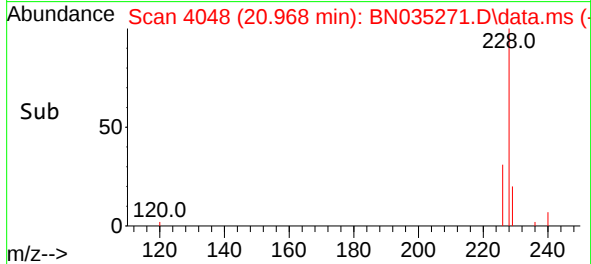
Instrument :
BNA_N
ClientSampleId :
E29X8



Tgt Ion:228 Resp: 16852
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 31.9 21.8 32.8

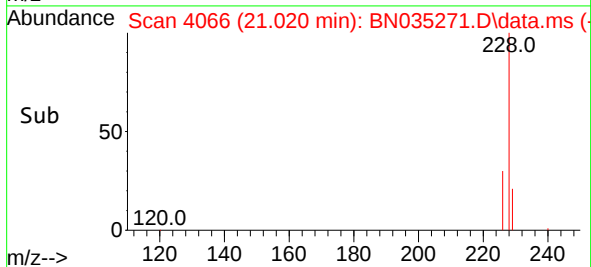
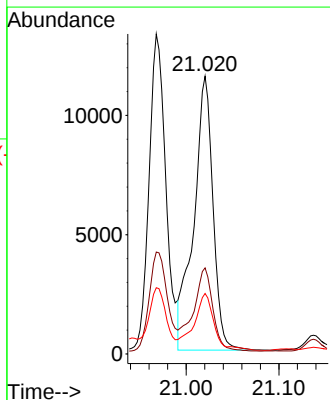
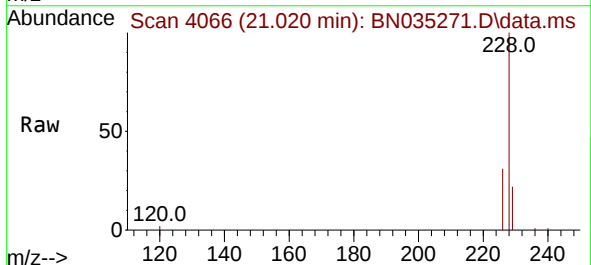
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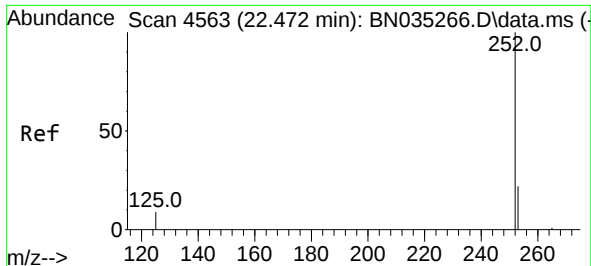
Reviewed By :Jagrut Upadhyay 11/26/2024
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#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.020 min Scan# 4066
Delta R.T. -0.008 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

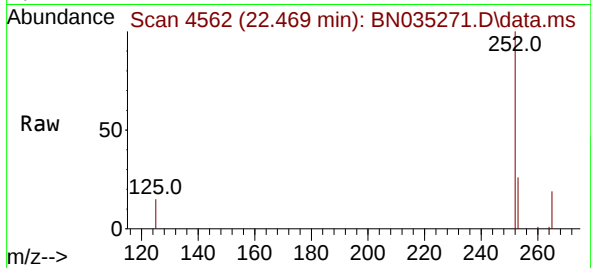
Tgt Ion:228 Resp: 16599
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 21.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.667 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.011 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

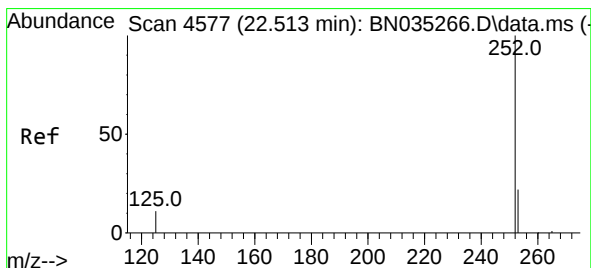
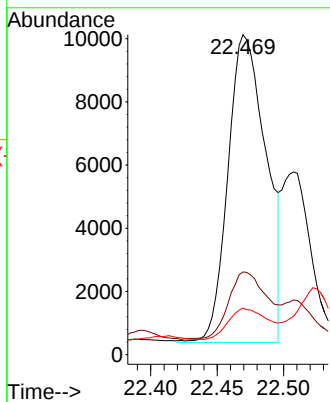
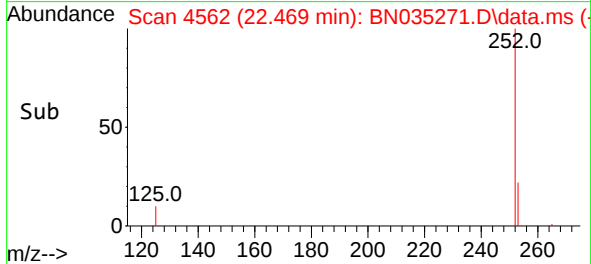
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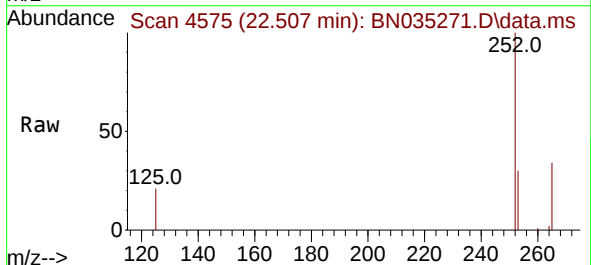
Tgt Ion:252 Resp: 19470
Ion Ratio Lower Upper
252 100
253 25.9 0.0 54.0
125 14.5 0.0 19.4

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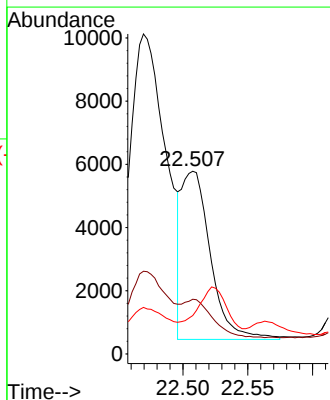
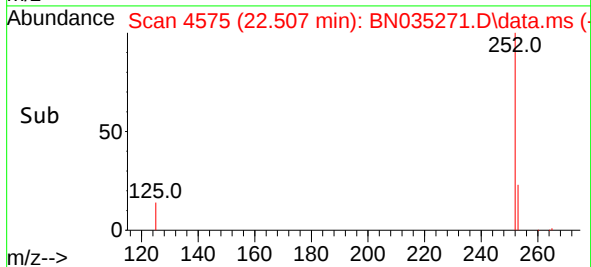
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Supervised By :mohammad ahmed 11/27/2024

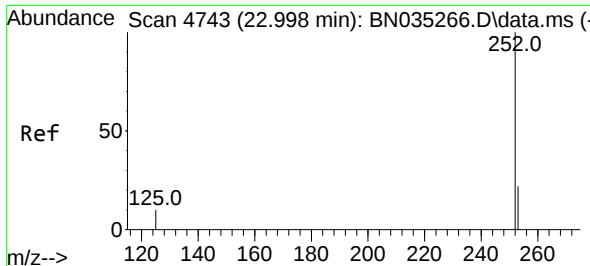


#25
Benzo(k)fluoranthene
Concen: 0.275 ng/ul m
RT: 22.507 min Scan# 4575
Delta R.T. -0.014 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59



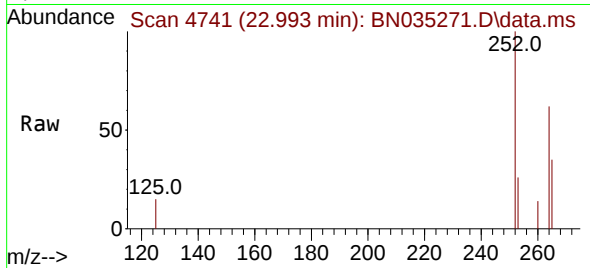
Tgt Ion:252 Resp: 8285
Ion Ratio Lower Upper
252 100
253 30.0 21.8 32.6
125 21.0 8.6 12.8





#26
Benzo(a)pyrene
Concen: 0.528 ng/ul m
RT: 22.993 min Scan# 4741
Delta R.T. -0.017 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

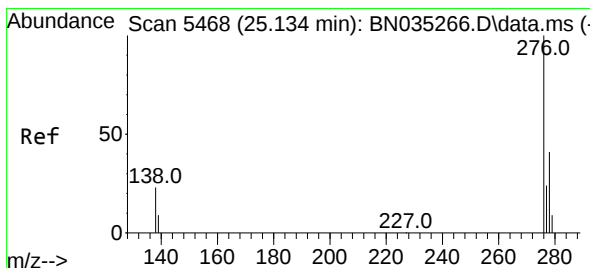
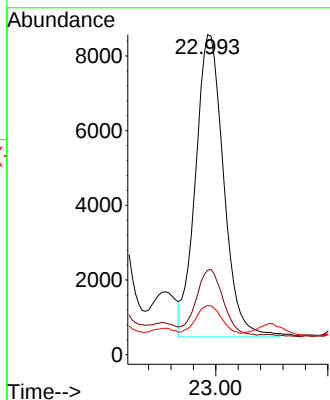
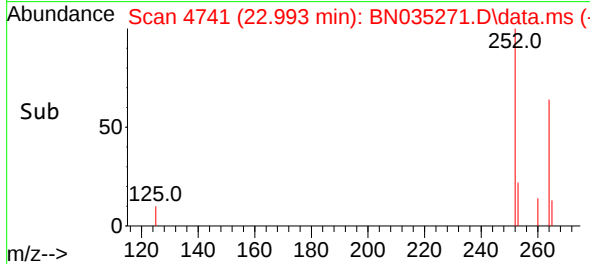
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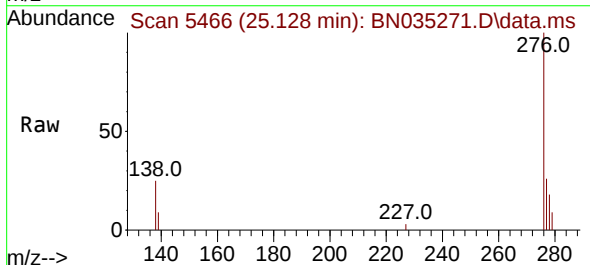
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Ion Ratio Lower Upper
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253 26.4 22.9 34.3
125 15.4 9.4 14.2

Manual Integrations
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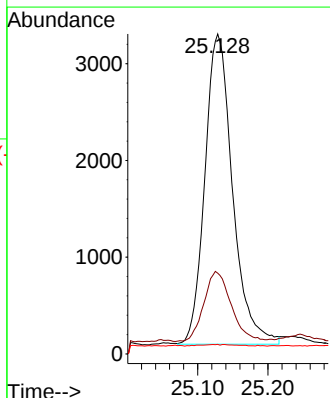
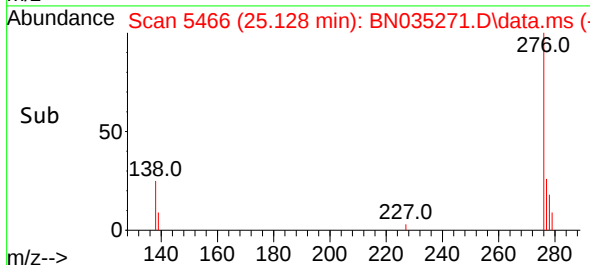
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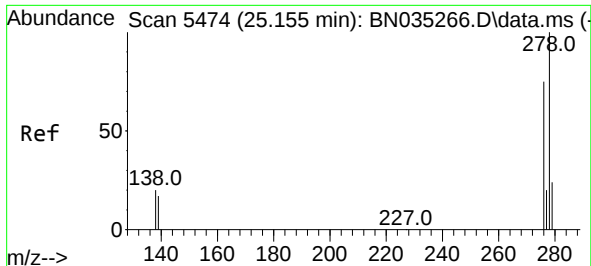


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.243 ng/ul m
RT: 25.128 min Scan# 5466
Delta R.T. -0.023 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59



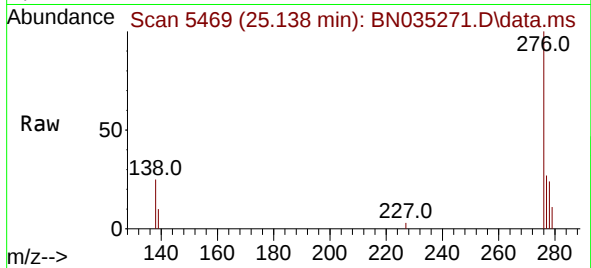
Tgt Ion:276 Resp: 8772
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul m
RT: 25.138 min Scan# 5474
Delta R.T. -0.033 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

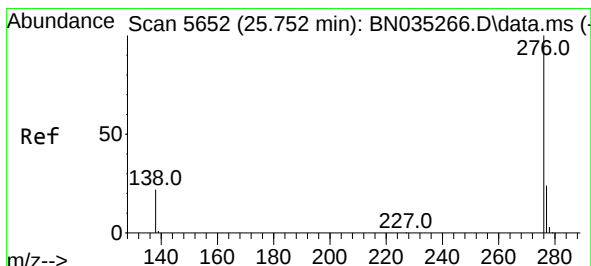
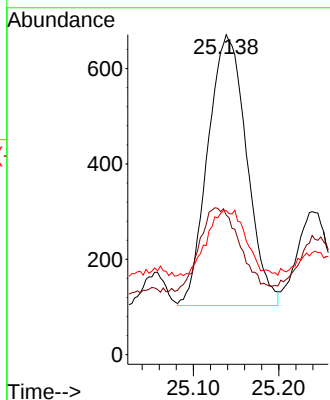
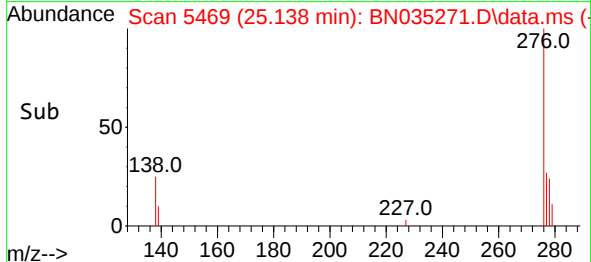
Instrument :
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Tgt Ion:278 Resp: 179
Ion Ratio Lower Upper
278 100
139 43.7 10.7 16.1
279 45.0 22.8 34.2

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#29
Benzo(g,h,i)perylene
Concen: 0.317 ng/ul m
RT: 25.749 min Scan# 5651
Delta R.T. -0.026 min
Lab File: BN035271.D
Acq: 23 Nov 2024 09:59

Tgt Ion:276 Resp: 9007
Ion Ratio Lower Upper
276 100
138 25.9 13.0 19.6
277 25.7 20.5 30.7

