

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035257.D
 Acq On : 23 Nov 2024 00:58
 Operator : RC/JU
 Sample : P4872-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y4

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 01:22:42 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	3484	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	9083	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.981	164	6014	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	13710m	0.400	ng/ul	0.00
17) Chrysene-d12	20.988	240	9829	0.400	ng/ul	# 0.00
23) Perylene-d12	23.089	264	7640m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	13945	4.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	4588	0.345	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	14378	0.530	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.113	128	553	0.024	ng/ul#	67
10) Acenaphthylene	13.694	152	3435	0.144	ng/ul	94
12) Fluorene	15.045	166	1275	0.060	ng/ul#	94
15) Phenanthrene	16.785	178	14640	0.404	ng/ul	98
16) Anthracene	16.878	178	4338	0.129	ng/ul#	92
19) Fluoranthene	18.828	202	45710	1.336	ng/ul#	95
20) Pyrene	19.195	202	39074	1.097	ng/ul#	92
21) Benzo(a)anthracene	20.970	228	18779	0.551	ng/ul	94
22) Chrysene	21.023	228	19593m	0.571	ng/ul	
24) Benzo(b)fluoranthene	22.475	252	21687m	0.859	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	7811m	0.300	ng/ul	
26) Benzo(a)pyrene	23.001	252	15692m	0.680	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.134	276	10392m	0.333	ng/ul	
28) Dibenzo(a,h)anthracene	25.141	278	2146m	0.088	ng/ul	
29) Benzo(g,h,i)perylene	25.752	276	10408m	0.423	ng/ul	

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

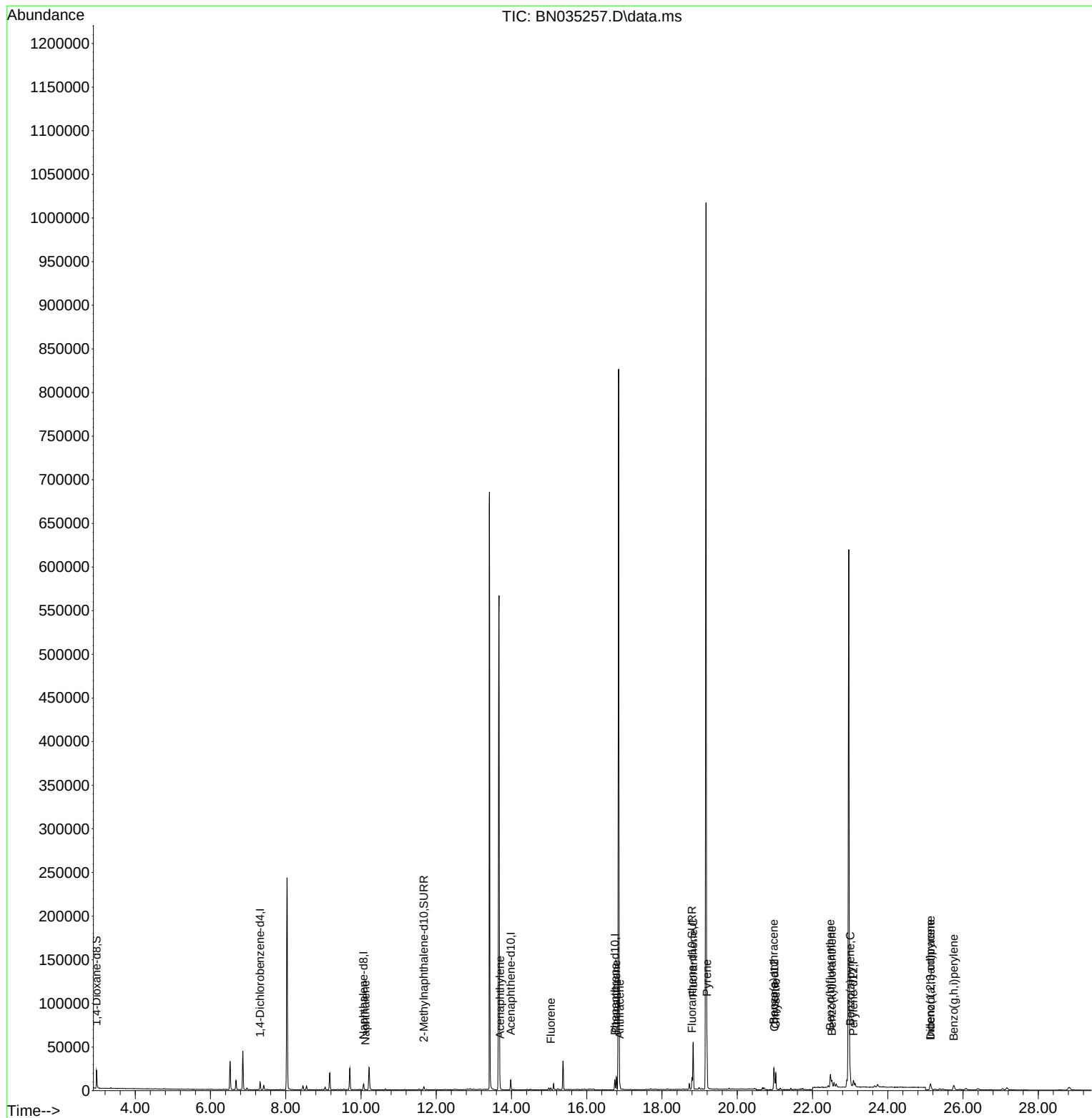
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035257.D
Acq On : 23 Nov 2024 00:58
Operator : RC/JU
Sample : P4872-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

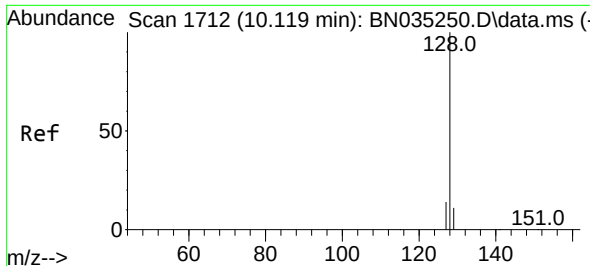
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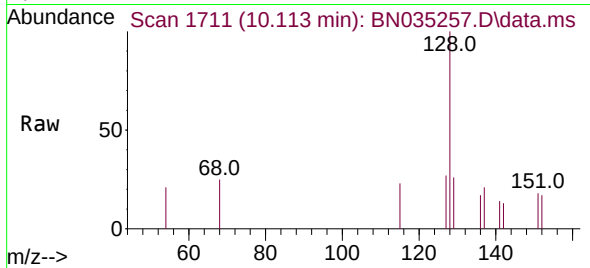
Quant Time: Nov 23 01:22:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/u1
RT: 10.113 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

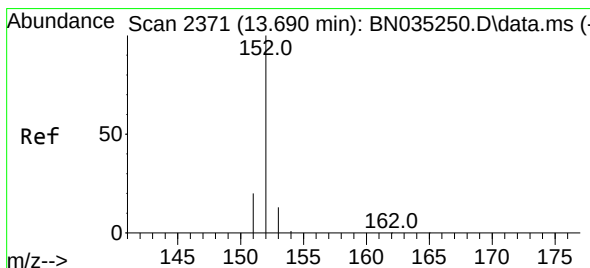
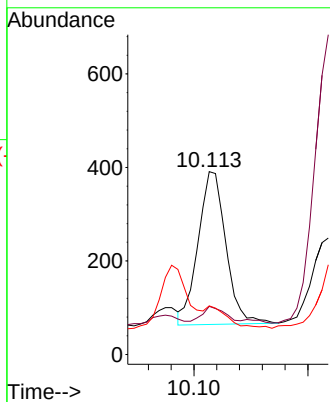
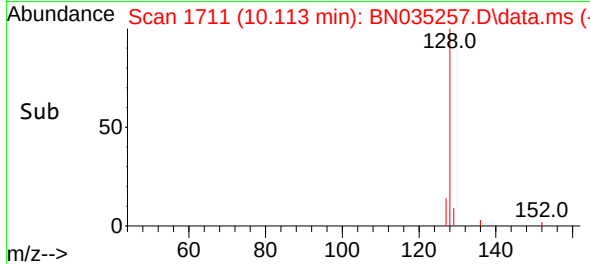
Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
129 26.3 9.9 14.9
127 26.6 11.4 17.2

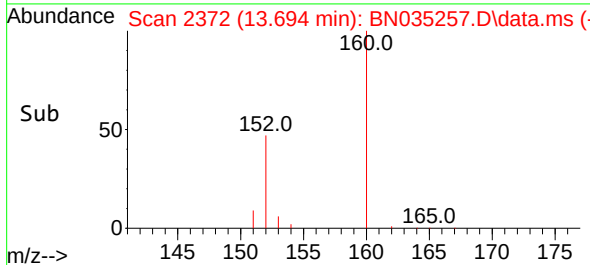
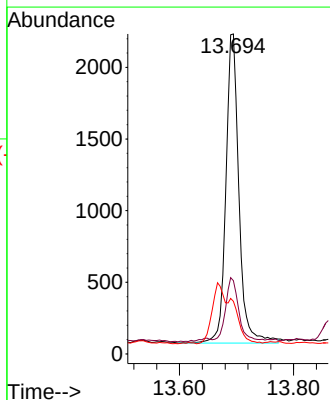
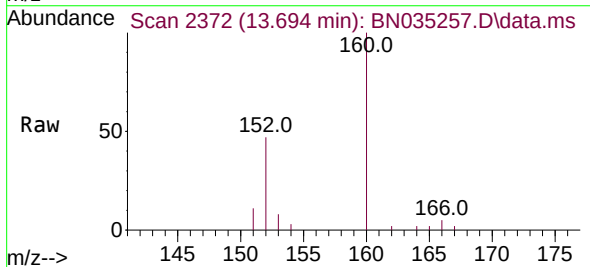
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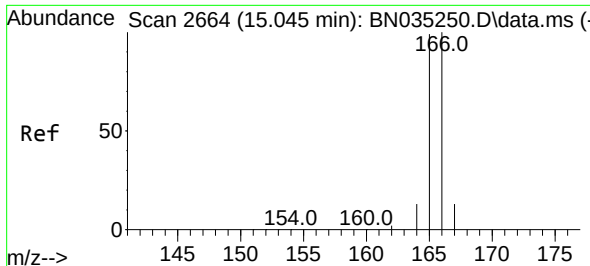
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Acenaphthylene
Concen: 0.144 ng/u1
RT: 13.694 min Scan# 2372
Delta R.T. 0.005 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

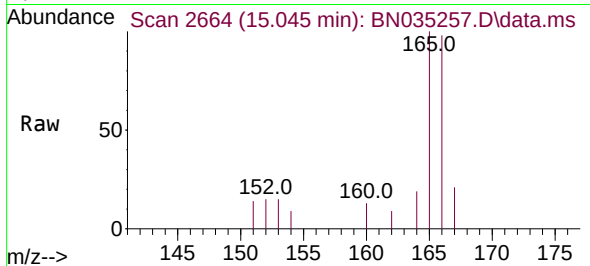
Tgt Ion:152 Resp: 3435
Ion Ratio Lower Upper
152 100
151 22.9 16.4 24.6
153 16.4 11.1 16.7





#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.045 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

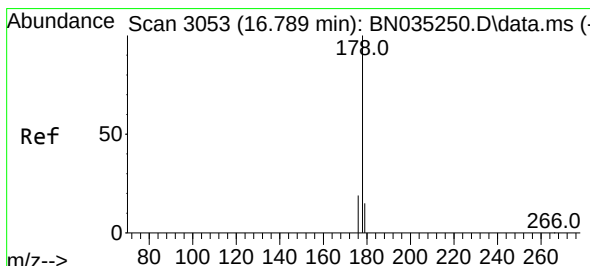
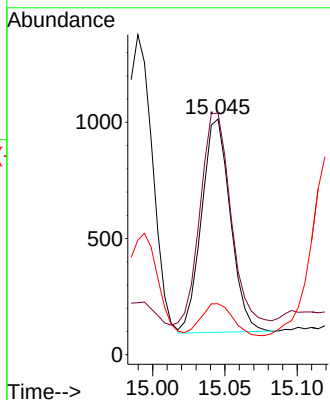
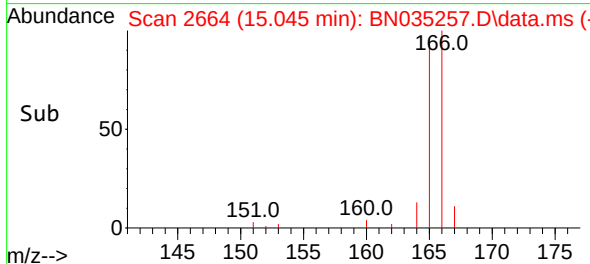
Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion:166 Resp: 127
Ion Ratio Lower Upper
166 100
165 102.6 78.6 118.0
167 21.6 11.8 17.6

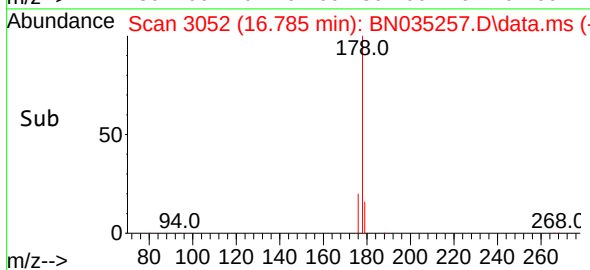
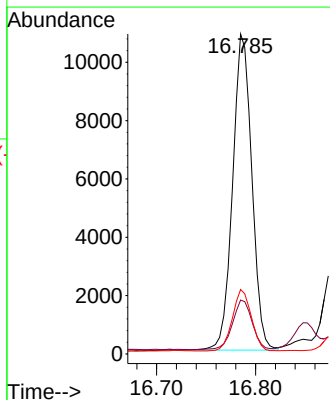
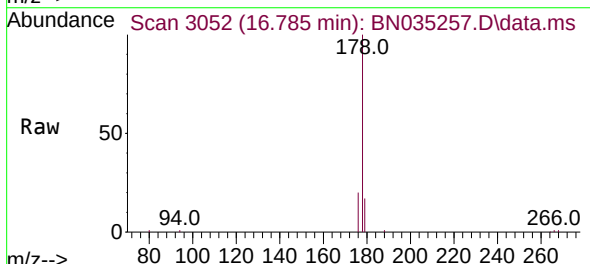
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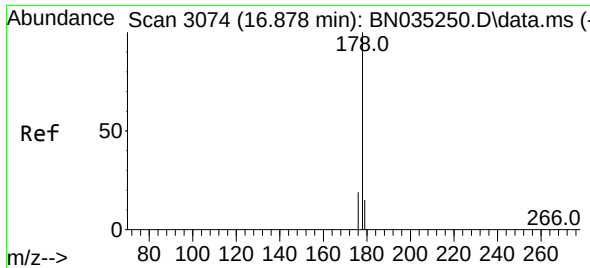
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 16.785 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

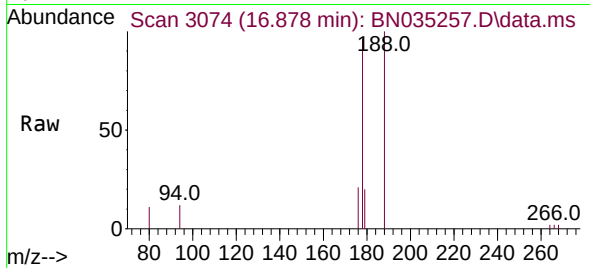
Tgt Ion:178 Resp: 14640
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.2 15.6 23.4





#16
 Anthracene
 Concen: 0.129 ng/ul
 RT: 16.878 min Scan# 3074
 Delta R.T. -0.004 min
 Lab File: BN035257.D
 Acq: 23 Nov 2024 00:58

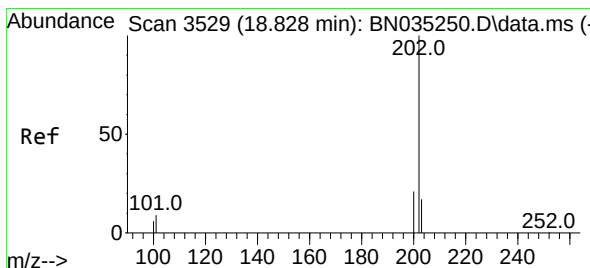
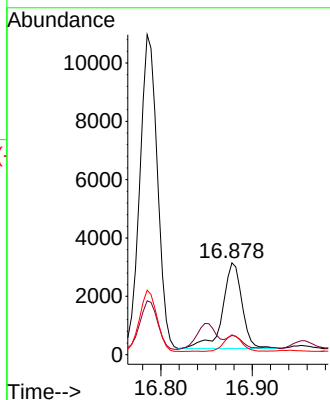
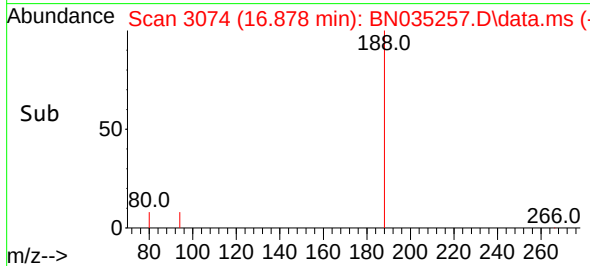
Instrument :
 BNA_N
 ClientSampleId :
 E29Y4



Tgt Ion:178 Resp: 4338
 Ion Ratio Lower Upper
 178 100
 179 21.2 12.9 19.3#
 176 21.6 15.4 23.2#

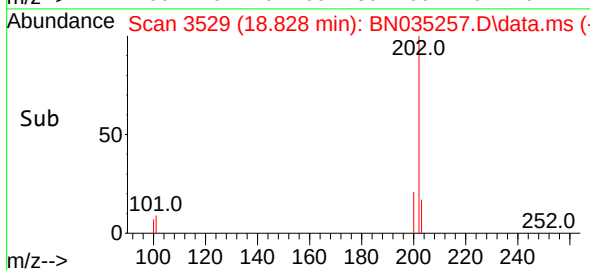
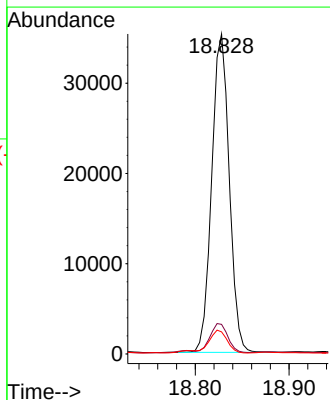
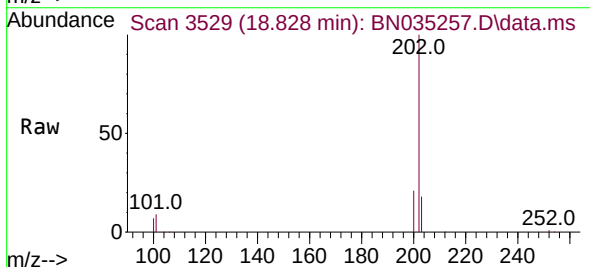
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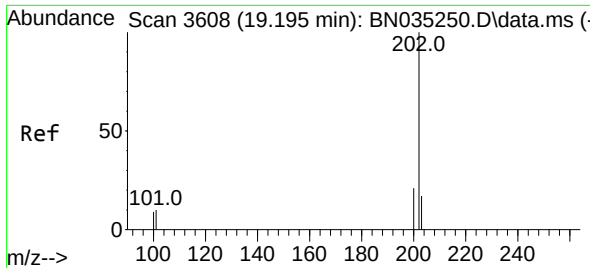
Reviewed By :Jagrut Upadhyay 11/26/2024
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#19
 Fluoranthene
 Concen: 1.336 ng/ul
 RT: 18.828 min Scan# 3529
 Delta R.T. -0.005 min
 Lab File: BN035257.D
 Acq: 23 Nov 2024 00:58

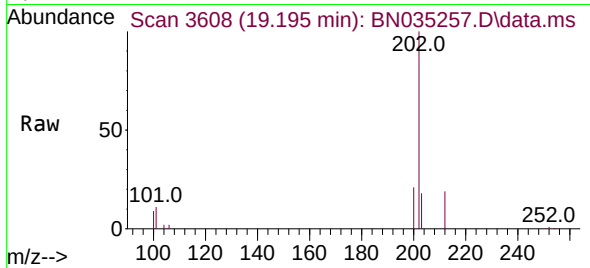
Tgt Ion:202 Resp: 45710
 Ion Ratio Lower Upper
 202 100
 101 9.2 5.8 8.6#
 100 6.9 4.5 6.7#





#20
Pyrene
Concen: 1.097 ng/u1
RT: 19.195 min Scan# 3074
Delta R.T. -0.005 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

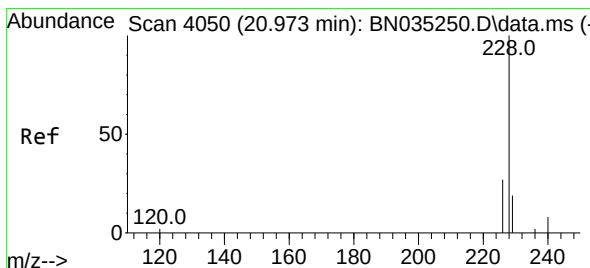
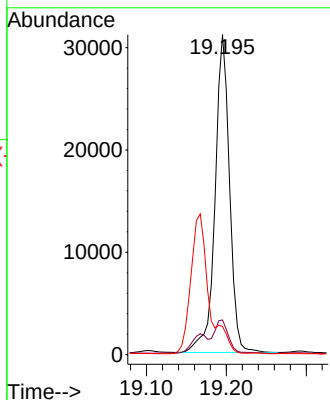
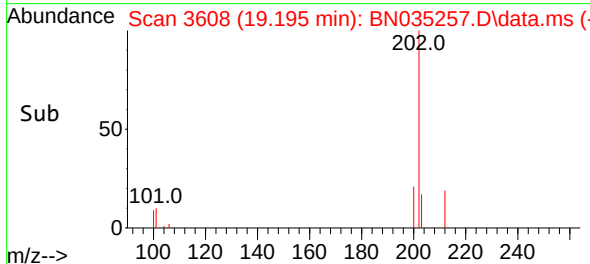
Instrument :
BNA_N
ClientSampleId :
E29Y4



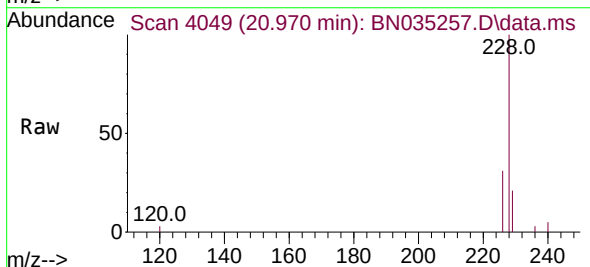
Tgt Ion:202 Resp: 39074
Ion Ratio Lower Upper
202 100
101 10.8 6.2 9.4
100 8.8 5.1 7.7

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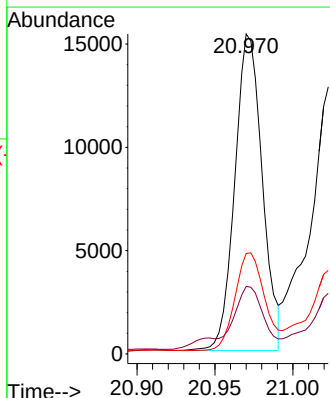
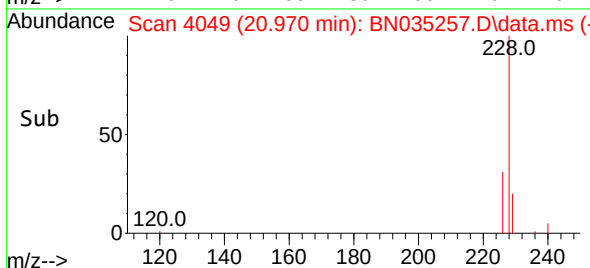
Reviewed By :Jagrut Upadhyay 11/26/2024
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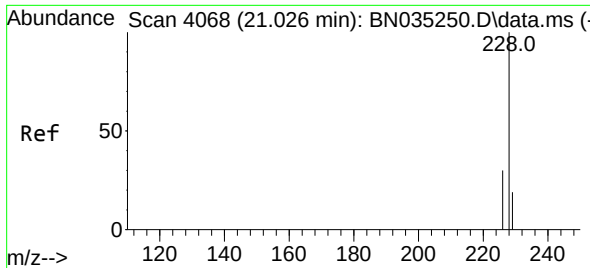


#21
Benzo(a)anthracene
Concen: 0.551 ng/u1
RT: 20.970 min Scan# 4049
Delta R.T. -0.009 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58



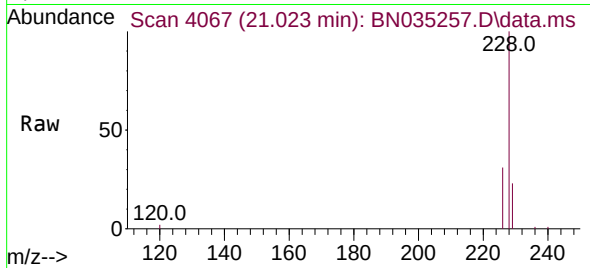
Tgt Ion:228 Resp: 18779
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 31.4 21.8 32.8





#22
Chrysene
Concen: 0.571 ng/ul m
RT: 21.023 min Scan# 4067
Delta R.T. -0.006 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

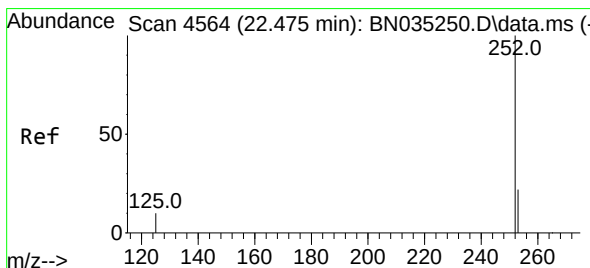
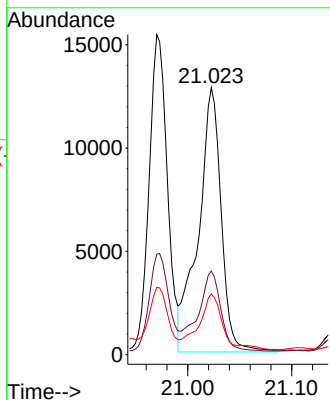
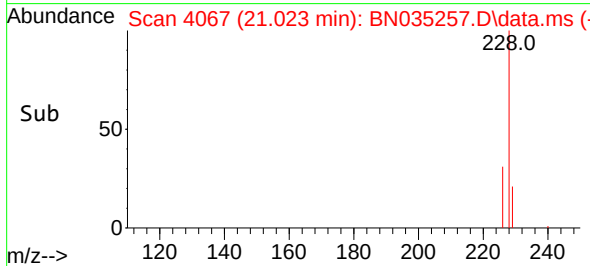
Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion:228 Resp: 1959
Ion Ratio Lower Upper
228 100
226 31.4 24.7 37.1
229 22.7 16.0 24.0

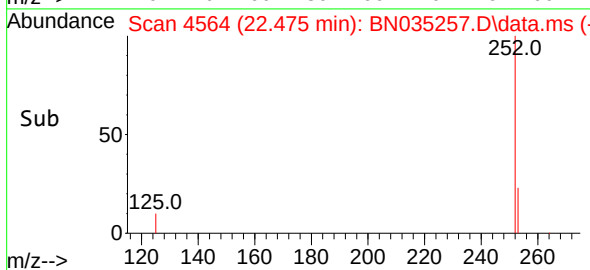
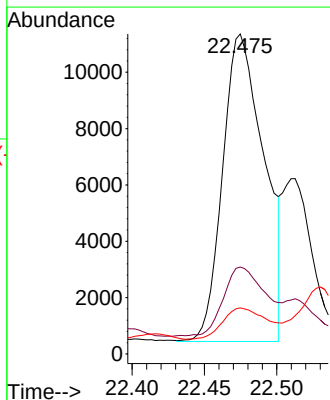
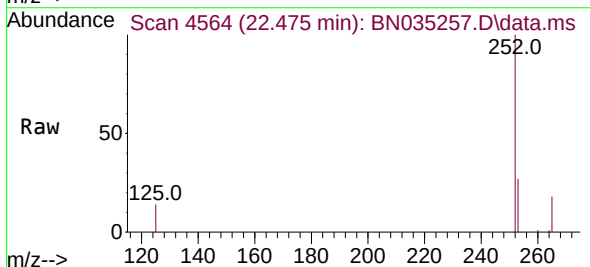
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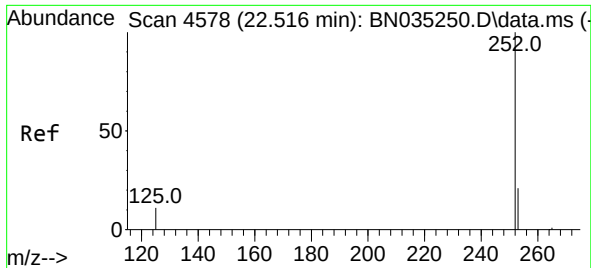
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.859 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

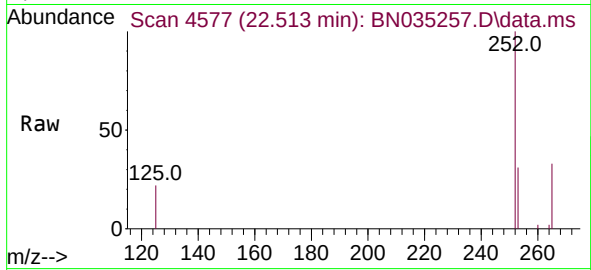
Tgt Ion:252 Resp: 21687
Ion Ratio Lower Upper
252 100
253 27.1 0.0 54.0
125 14.4 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul m
RT: 22.513 min Scan# 4577
Delta R.T. -0.009 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

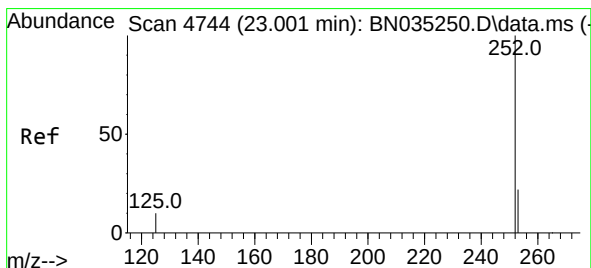
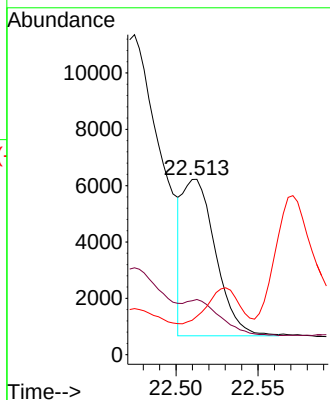
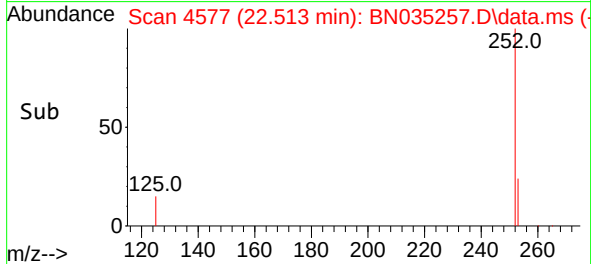
Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion:252 Resp: 781
Ion Ratio Lower Upper
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125 21.9 8.6 12.8

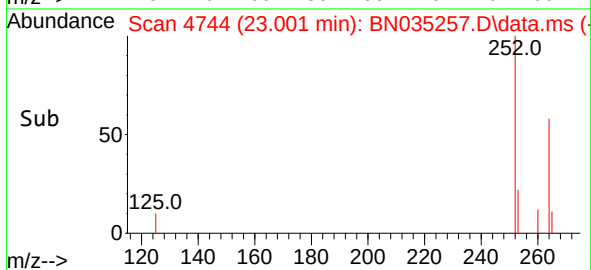
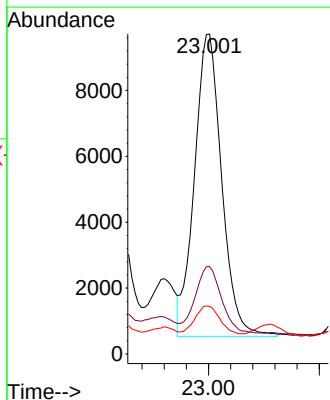
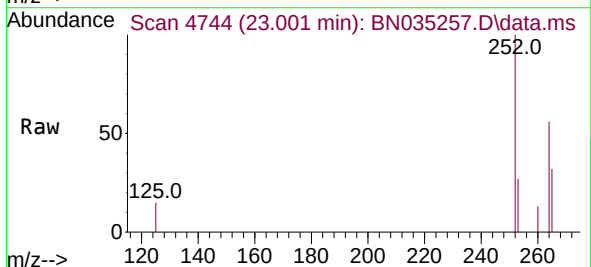
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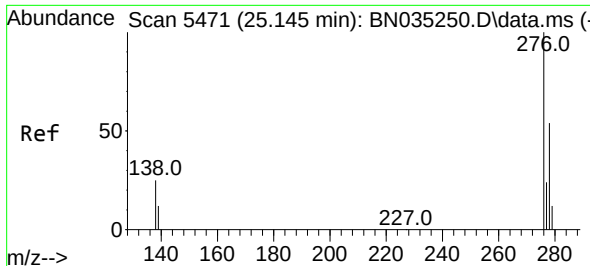
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#26
Benzo(a)pyrene
Concen: 0.680 ng/ul m
RT: 23.001 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

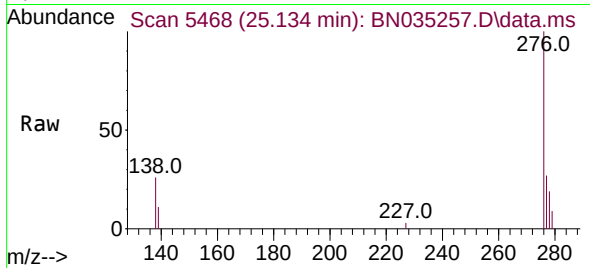
Tgt Ion:252 Resp: 15692
Ion Ratio Lower Upper
252 100
253 27.3 22.9 34.3
125 14.9 9.4 14.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul m
RT: 25.134 min Scan# 5471
Delta R.T. -0.017 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

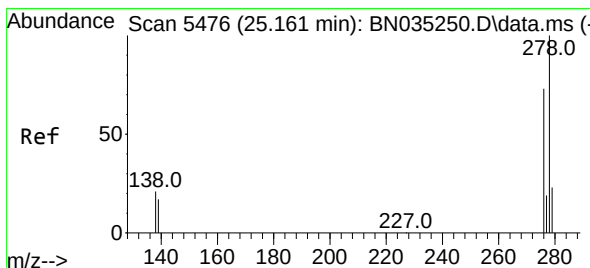
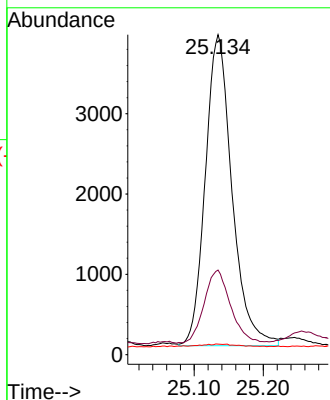
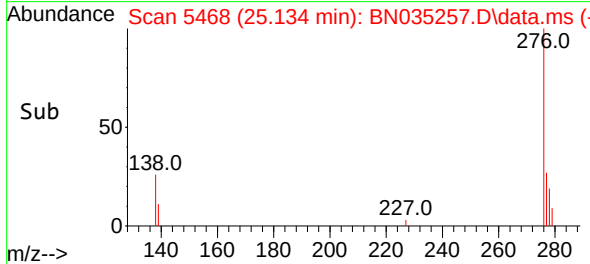
Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion: 276 Resp: 10392
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#

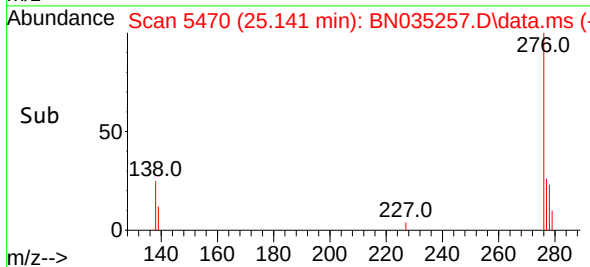
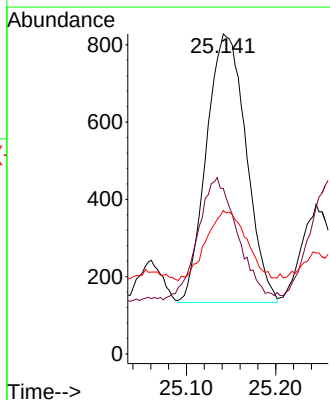
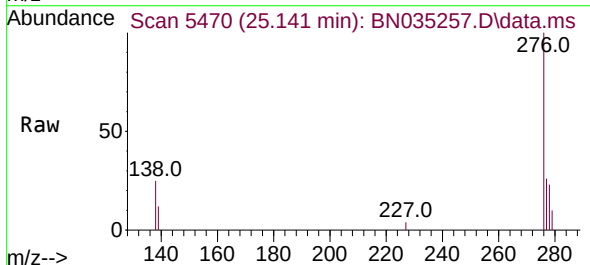
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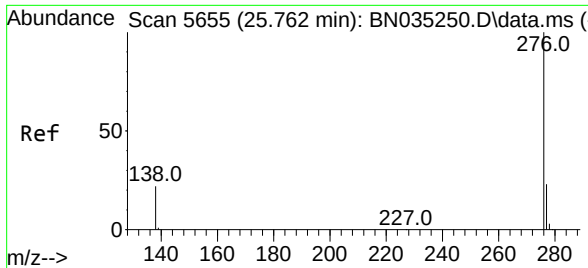
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul m
RT: 25.141 min Scan# 5470
Delta R.T. -0.030 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

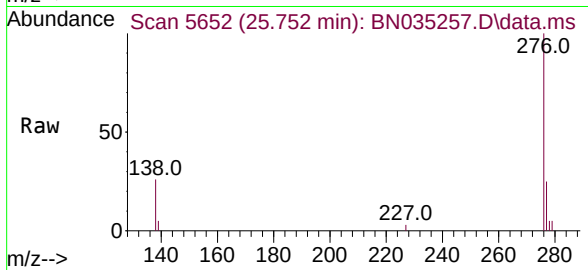
Tgt Ion: 278 Resp: 2146
Ion Ratio Lower Upper
278 100
139 51.7 10.7 16.1#
279 44.8 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul m
RT: 25.752 min Scan# 50
Delta R.T. -0.023 min
Lab File: BN035257.D
Acq: 23 Nov 2024 00:58

Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion:276 Resp: 10408
Ion Ratio Lower Upper
276 100
138 26.2 13.0 19.6
277 25.3 20.5 30.7

Manual Integrations
APPROVED

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

