

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035317.D
 Acq On : 26 Nov 2024 15:39
 Operator : RC/JU
 Sample : P4872-04DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 26 22:13:58 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 : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.314	152	3932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	9561	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	5018	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	9832	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	8316	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264	9030m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	2668	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	487	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	972	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	1781	0.089	ng/ul#	91
12) Fluorene	15.036	166	849	0.047	ng/ul#	98
15) Phenanthrene	16.776	178	11360	0.437	ng/ul	100
16) Anthracene	16.869	178	2483	0.103	ng/ul#	94
19) Fluoranthene	18.819	202	20143	0.696	ng/ul#	95
20) Pyrene	19.186	202	17661	0.586	ng/ul#	94
21) Benzo(a)anthracene	20.961	228	7495	0.260	ng/ul	95
22) Chrysene	21.014	228	8112	0.279	ng/ul	98
24) Benzo(b)fluoranthene	22.460	252	10951m	0.367	ng/ul	
25) Benzo(k)fluoranthene	22.498	252	3814m	0.124	ng/ul	
26) Benzo(a)pyrene	22.980	252	7824	0.287	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.111	276	5955	0.162	ng/ul#	77
28) Dibenzo(a,h)anthracene	25.121	278	1089m	0.038	ng/ul	
29) Benzo(g,h,i)perylene	25.728	276	5361	0.185	ng/ul#	92

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

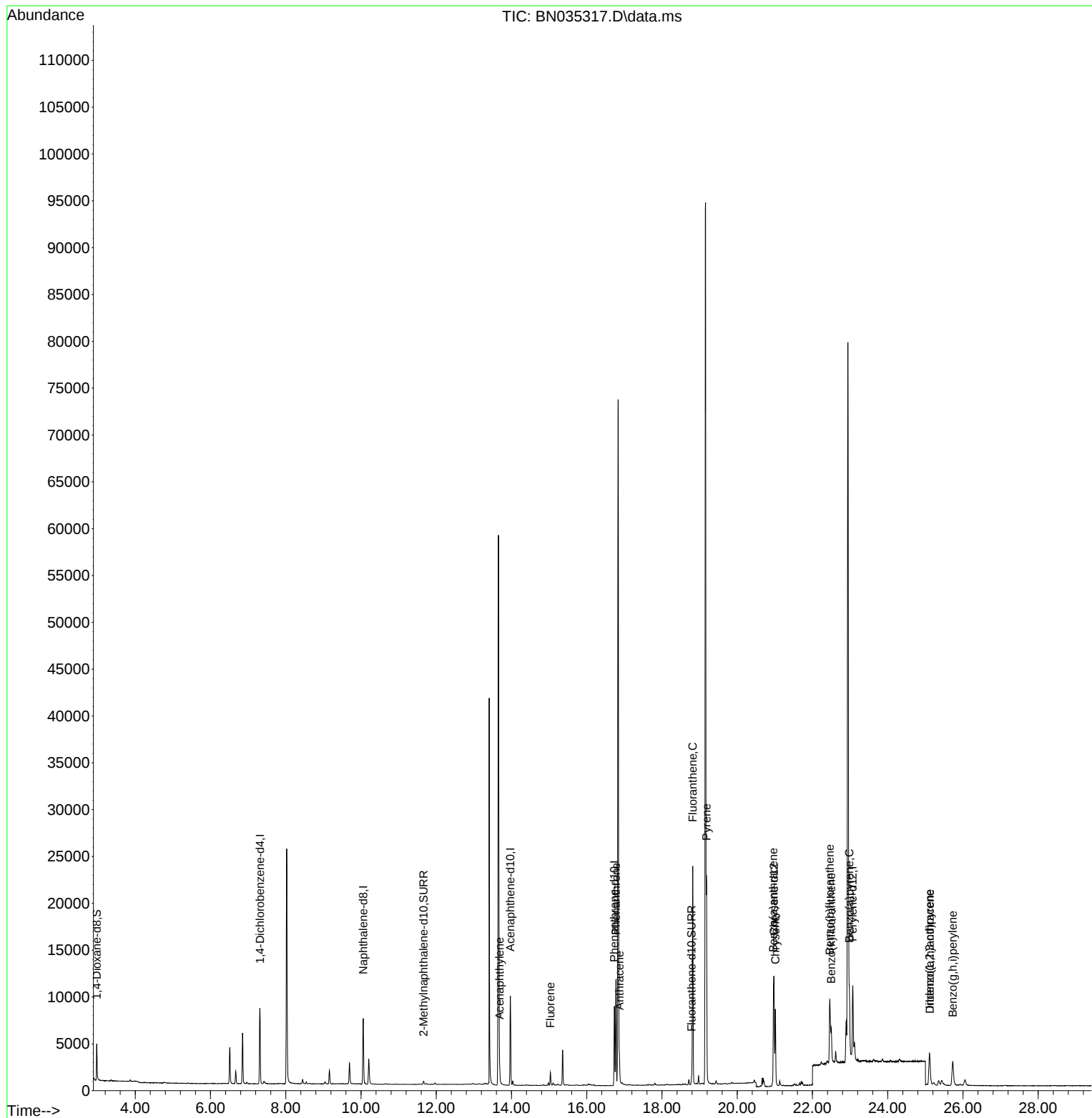
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Data File : BN035317.D
Acq On : 26 Nov 2024 15:39
Operator : RC/JU
Sample : P4872-04DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

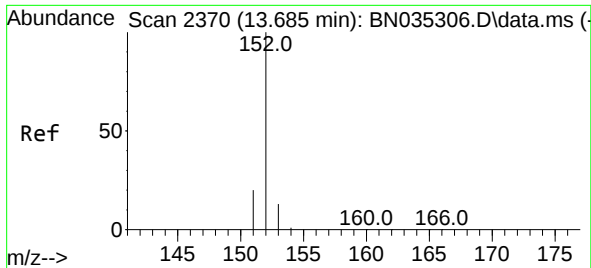
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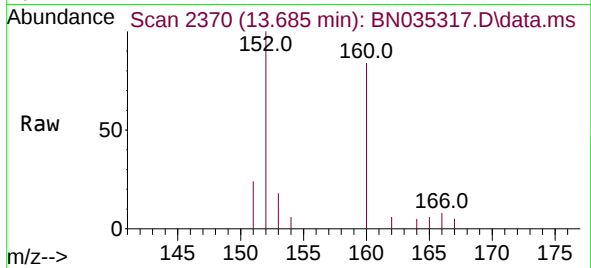
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
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#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 13.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

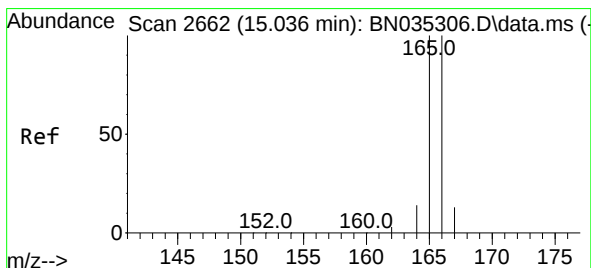
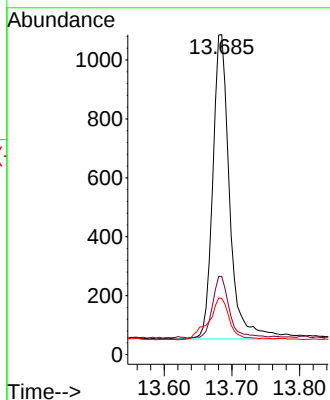
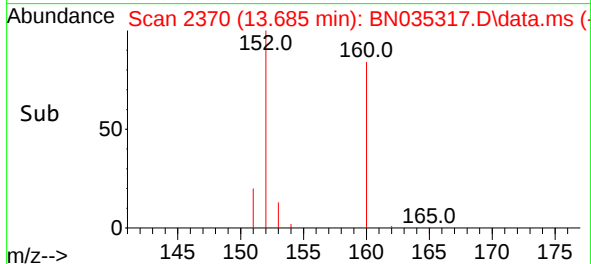
Instrument :
BNA_N
ClientSampleId :
E29X4DL



Tgt Ion:152 Resp: 178
Ion Ratio Lower Upper
152 100
151 24.4 16.4 24.6
153 17.6 11.1 16.7

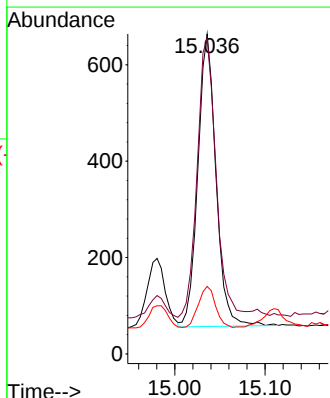
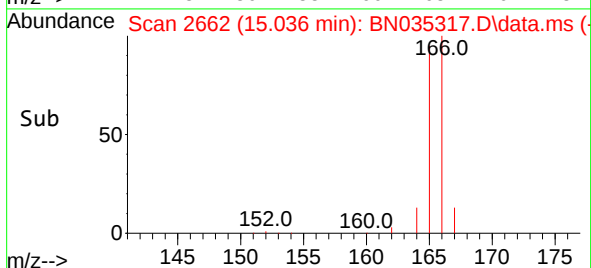
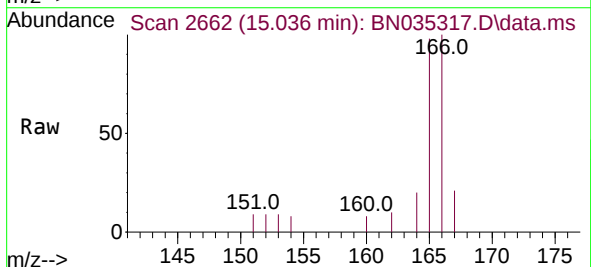
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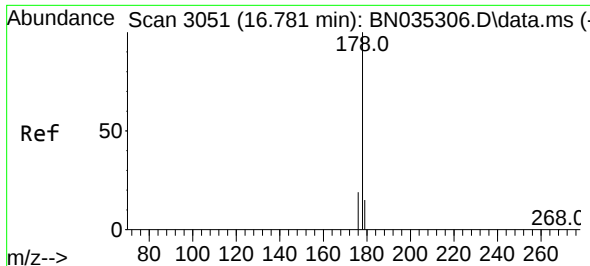
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.036 min Scan# 2662
Delta R.T. -0.000 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

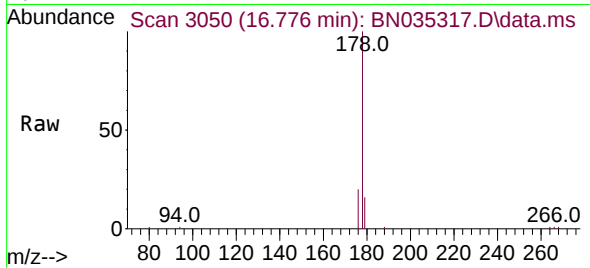
Tgt Ion:166 Resp: 849
Ion Ratio Lower Upper
166 100
165 98.5 78.6 118.0
167 21.1 11.8 17.6#





#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

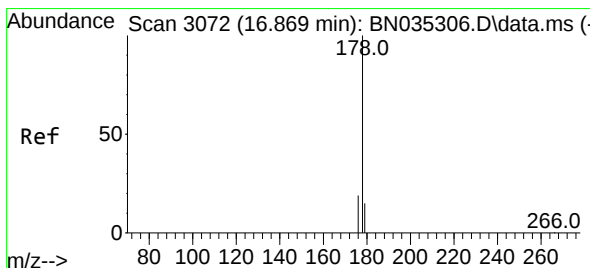
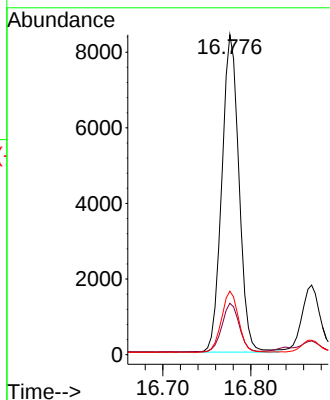
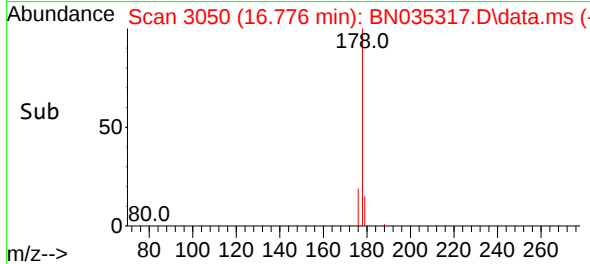
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Tgt Ion:178 Resp: 11360
Ion Ratio Lower Upper
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179 16.0 12.9 19.3
176 19.9 15.6 23.4

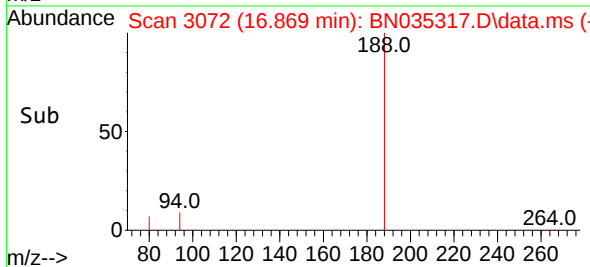
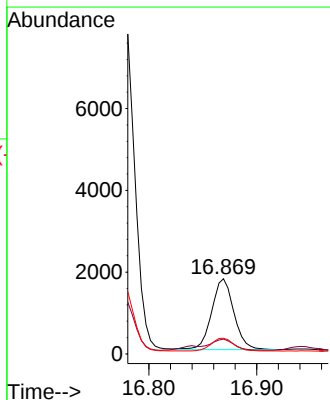
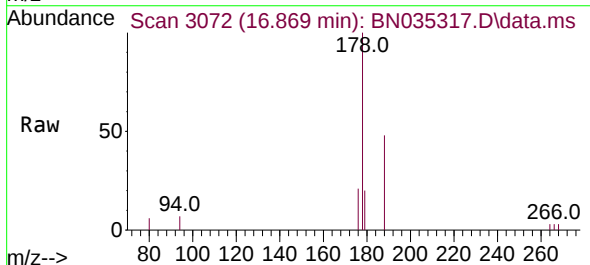
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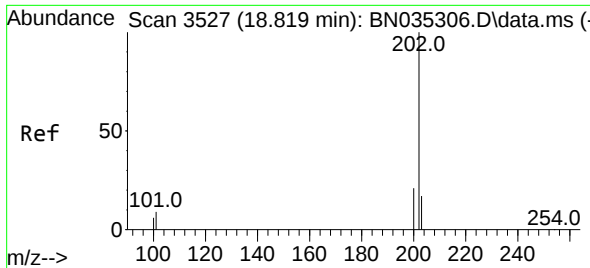
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#16
Anthracene
Concen: 0.103 ng/ul
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

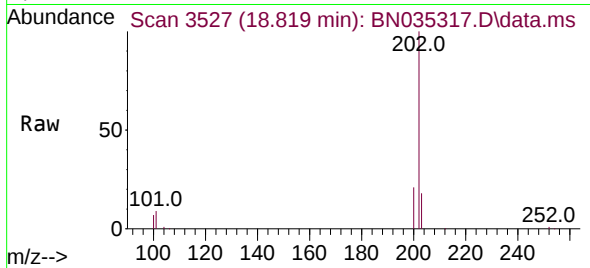
Tgt Ion:178 Resp: 2483
Ion Ratio Lower Upper
178 100
179 19.8 12.9 19.3#
176 20.8 15.4 23.2





#19
Fluoranthene
Concen: 0.696 ng/u1
RT: 18.819 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

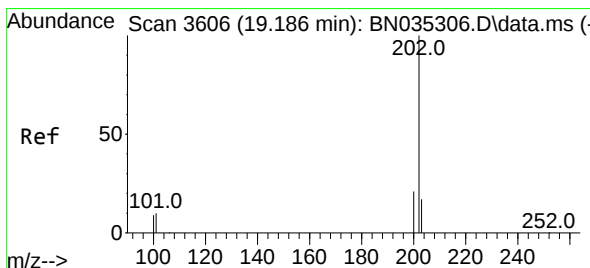
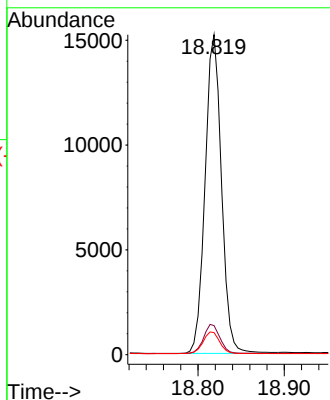
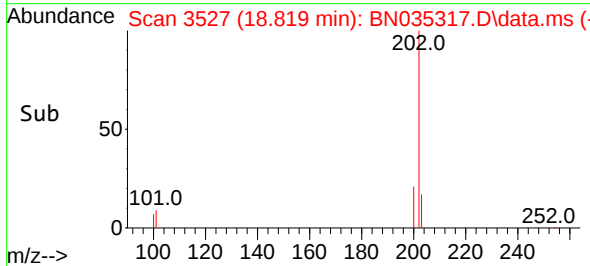
Instrument :
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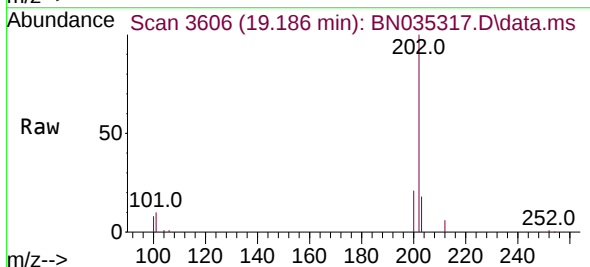
Tgt Ion:202 Resp: 2014
Ion Ratio Lower Upper
202 100
101 9.1 5.8 8.6
100 6.9 4.5 6.7

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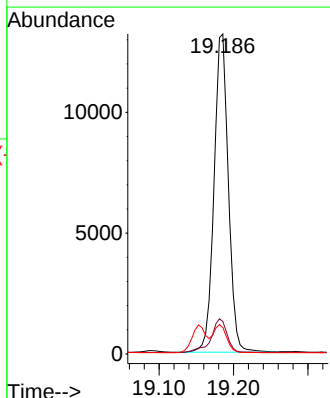
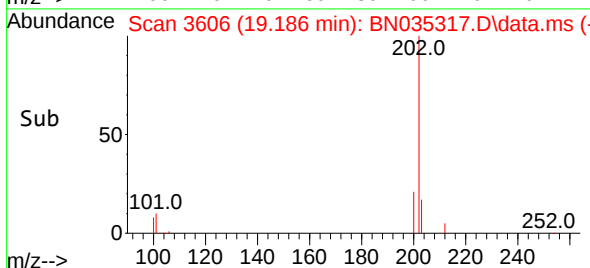
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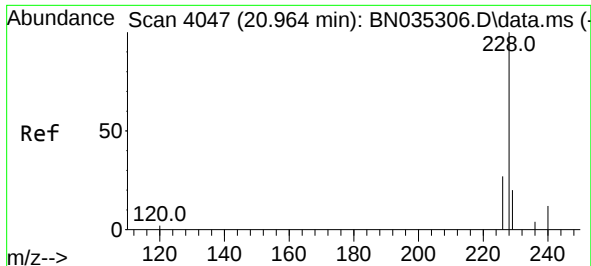


#20
Pyrene
Concen: 0.586 ng/u1
RT: 19.186 min Scan# 3606
Delta R.T. -0.000 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39



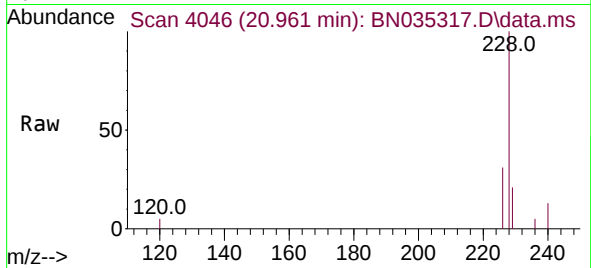
Tgt Ion:202 Resp: 17661
Ion Ratio Lower Upper
202 100
101 10.1 6.2 9.4#
100 8.2 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 20.961 min Scan# 4047
Delta R.T. -0.003 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

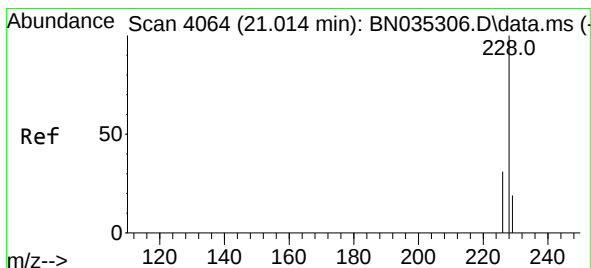
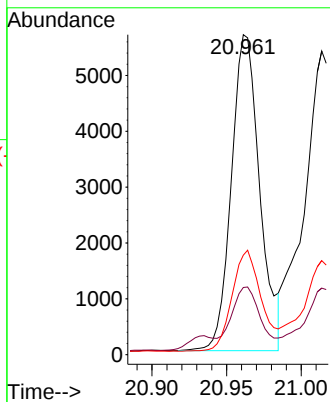
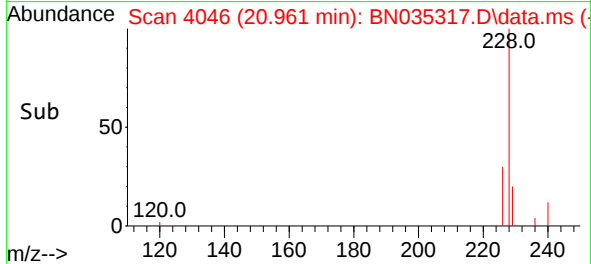
Instrument :
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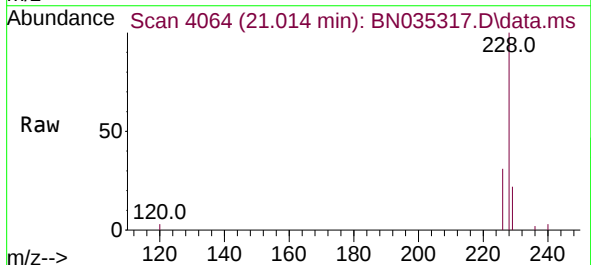
Tgt Ion:228 Resp: 749
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 31.1 21.8 32.8

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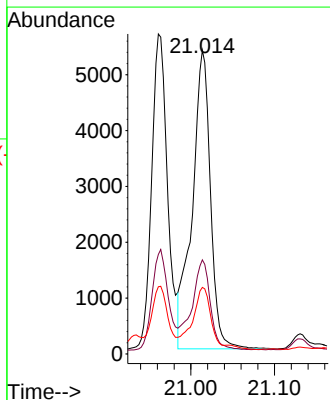
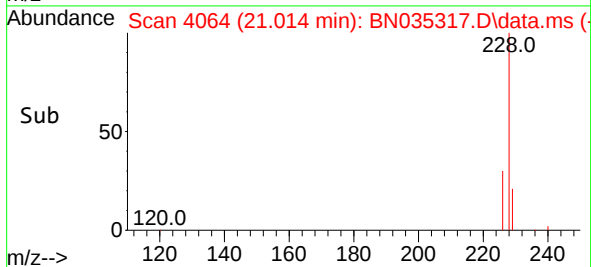
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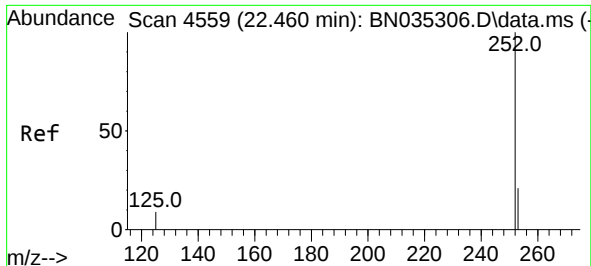


#22
Chrysene
Concen: 0.279 ng/ul
RT: 21.014 min Scan# 4064
Delta R.T. -0.003 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39



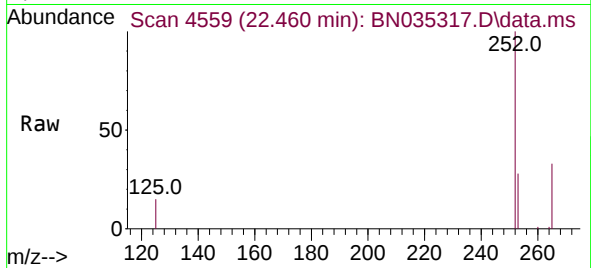
Tgt Ion:228 Resp: 8112
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 21.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul m
RT: 22.460 min Scan# 4559
Delta R.T. -0.003 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

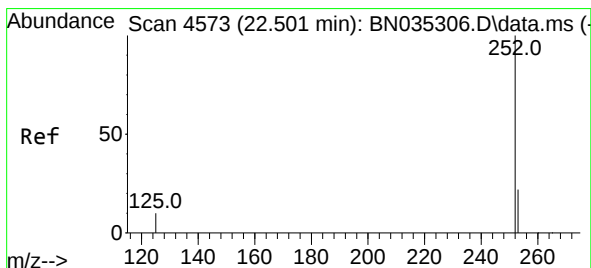
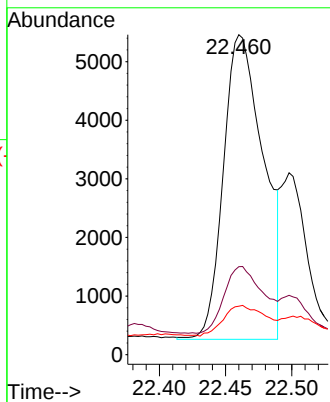
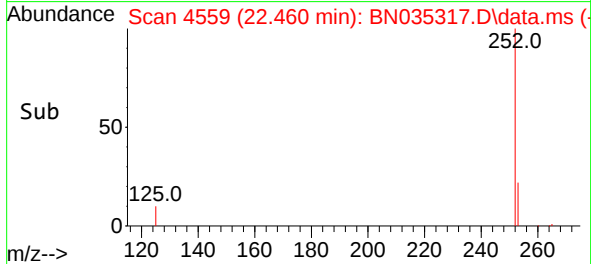
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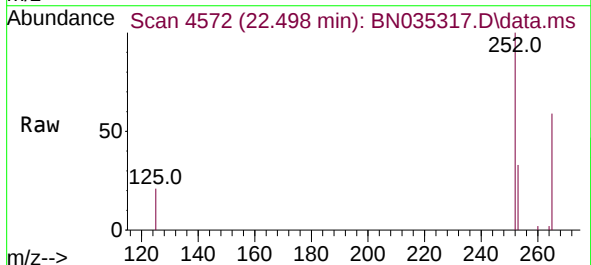
Tgt Ion:252 Resp: 1095
Ion Ratio Lower Upper
252 100
253 27.5 0.0 54.0
125 15.2 0.0 19.4

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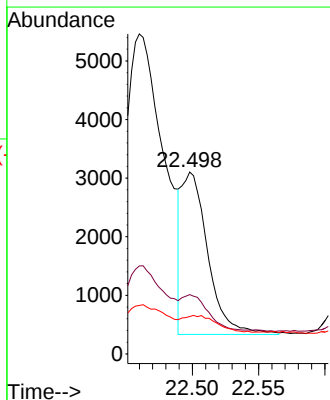
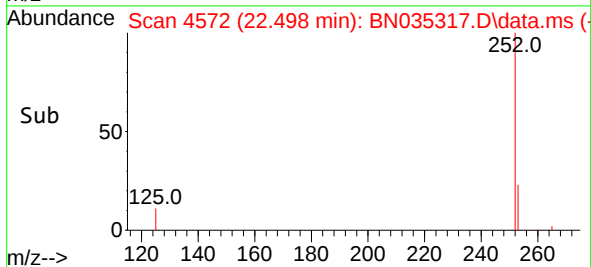
Reviewed By :Yogesh Patel 11/27/2024
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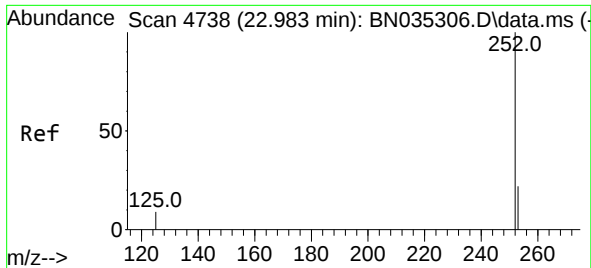


#25
Benzo(k)fluoranthene
Concen: 0.124 ng/ul m
RT: 22.498 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39



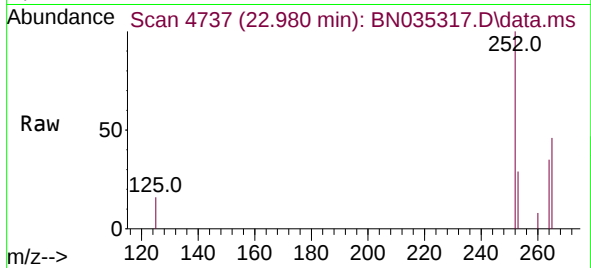
Tgt Ion:252 Resp: 3814
Ion Ratio Lower Upper
252 100
253 32.6 21.8 32.6
125 20.6 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.287 ng/ul
RT: 22.980 min Scan# 4738
Delta R.T. -0.006 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

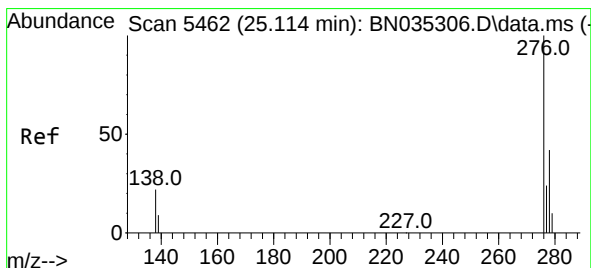
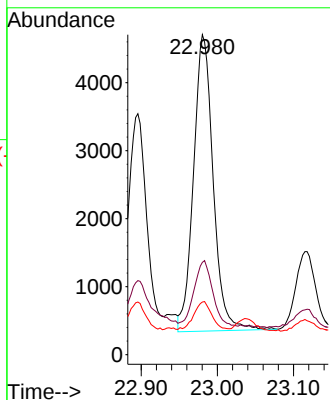
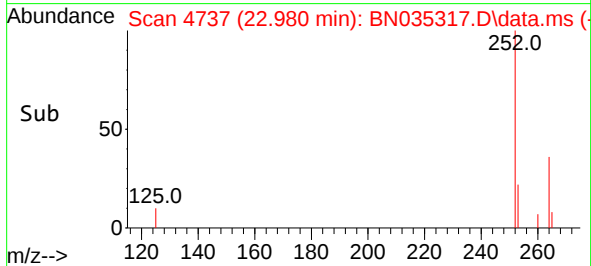
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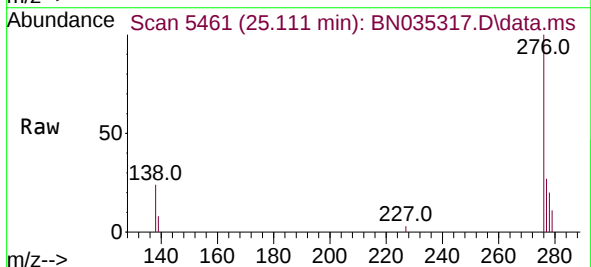
Tgt Ion:252 Resp: 7824
Ion Ratio Lower Upper
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253 28.9 22.9 34.3
125 16.5 9.4 14.2

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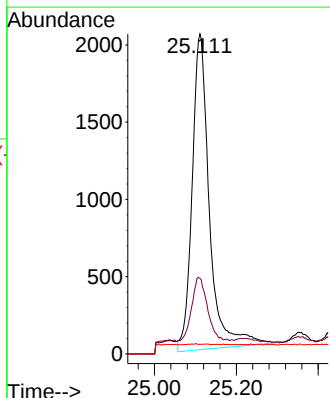
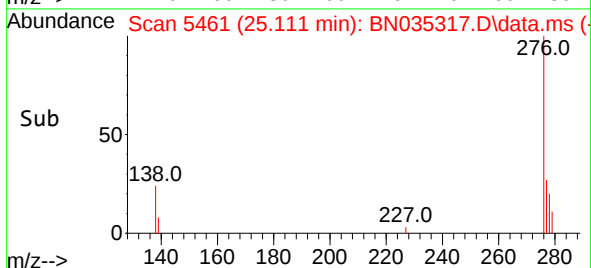
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

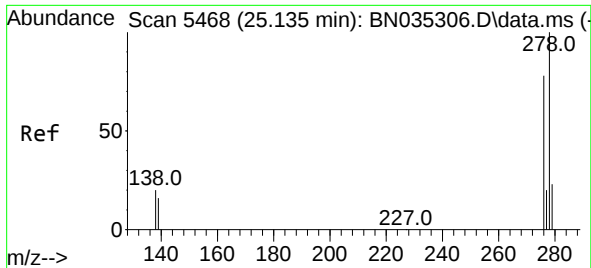


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 25.111 min Scan# 5461
Delta R.T. -0.010 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39



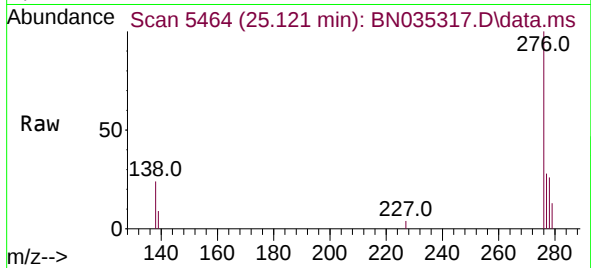
Tgt Ion:276 Resp: 5955
Ion Ratio Lower Upper
276 100
138 27.2 13.8 20.8#
227 18.6 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul m
RT: 25.121 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39

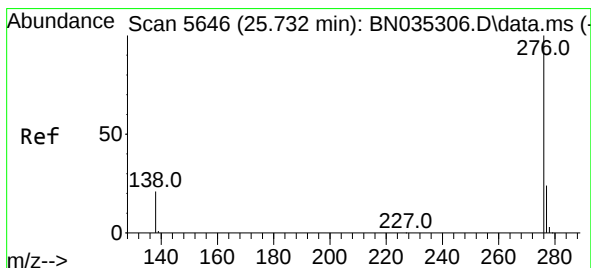
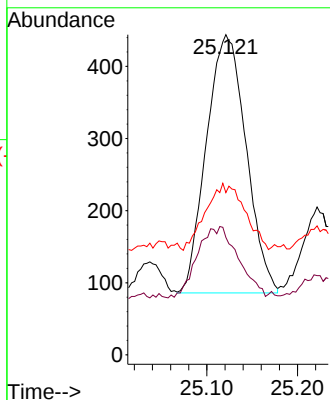
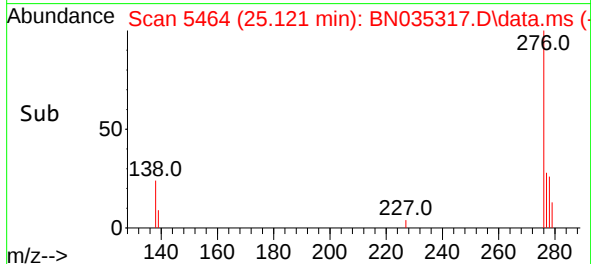
Instrument :
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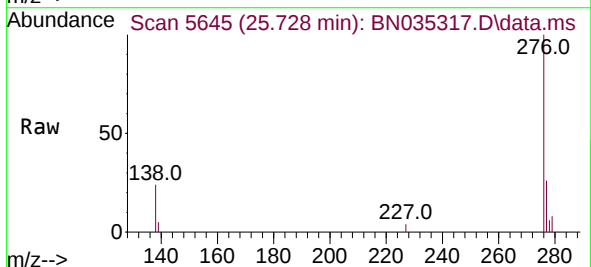
Tgt Ion:278 Resp: 1089
Ion Ratio Lower Upper
278 100
139 36.7 10.7 16.1
279 50.7 22.8 34.2

Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#29
Benzo(g,h,i)perylene
Concen: 0.185 ng/ul
RT: 25.728 min Scan# 5645
Delta R.T. -0.007 min
Lab File: BN035317.D
Acq: 26 Nov 2024 15:39



Tgt Ion:276 Resp: 5361
Ion Ratio Lower Upper
276 100
138 24.1 13.0 19.6
277 26.2 20.5 30.7

