

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035312.D
 Acq On : 26 Nov 2024 12:27
 Operator : RC/JU
 Sample : P4872-04DL 5X
 Misc :
 ALS Vial : 12 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 22:13:11 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	3505	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	8812	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	4982	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.738	188	10462	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	9232	0.400	ng/ul	# 0.00
23) Perylene-d12	23.074	264	10769	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	2005	0.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	397	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	891	0.035	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.685	152	1536	0.078	ng/ul#	90
12) Fluorene	15.036	166	686	0.039	ng/ul#	95
15) Phenanthrene	16.776	178	9903	0.358	ng/ul	99
16) Anthracene	16.869	178	2183	0.085	ng/ul#	91
19) Fluoranthene	18.819	202	18253	0.568	ng/ul#	95
20) Pyrene	19.186	202	15946	0.477	ng/ul#	92
21) Benzo(a)anthracene	20.961	228	6932	0.216	ng/ul	94
22) Chrysene	21.014	228	7380	0.229	ng/ul	99
24) Benzo(b)fluoranthene	22.463	252	9702m	0.273	ng/ul	
25) Benzo(k)fluoranthene	22.498	252	3595m	0.098	ng/ul	
26) Benzo(a)pyrene	22.983	252	6752	0.208	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.114	276	5179	0.118	ng/ul#	76
28) Dibenzo(a,h)anthracene	25.121	278	1317	0.038	ng/ul#	42
29) Benzo(g,h,i)perylene	25.731	276	4707	0.136	ng/ul#	90

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

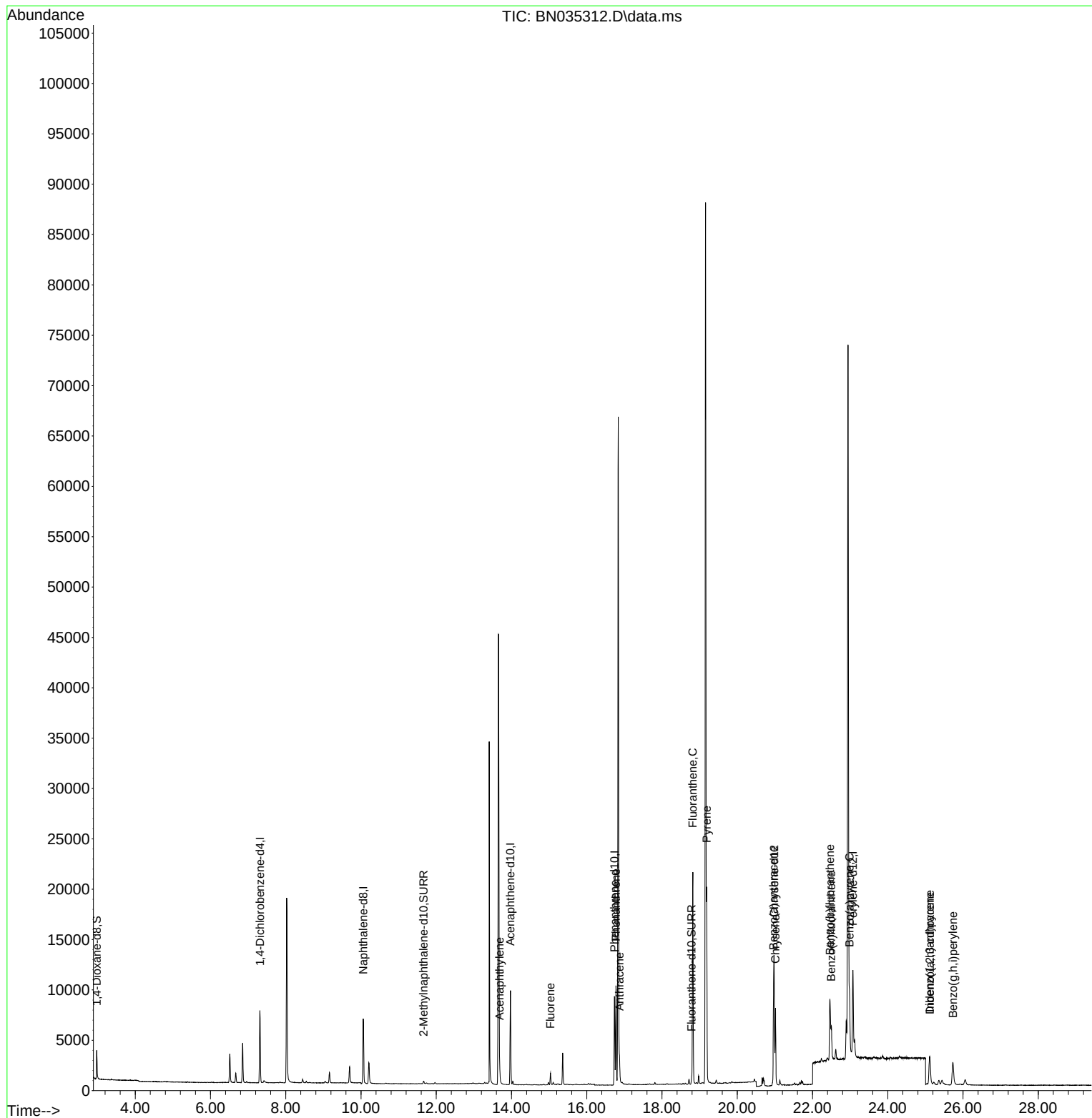
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Data File : BN035312.D
Acq On : 26 Nov 2024 12:27
Operator : RC/JU
Sample : P4872-04DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

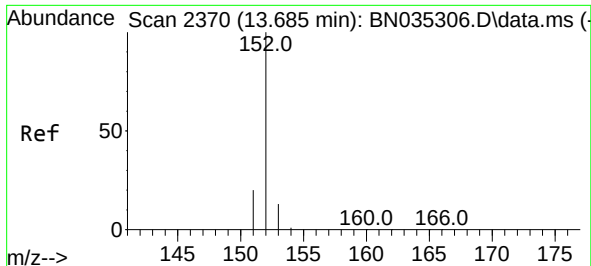
Instrument :
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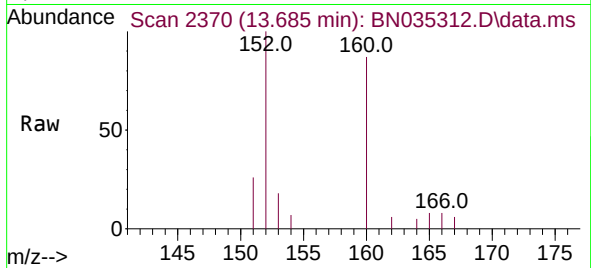
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 13.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

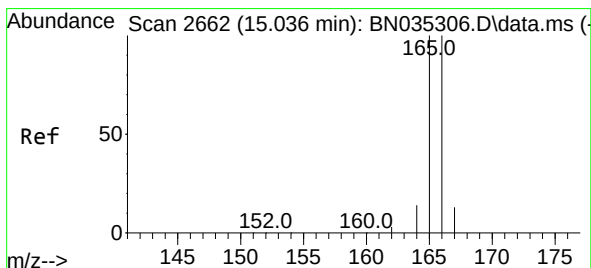
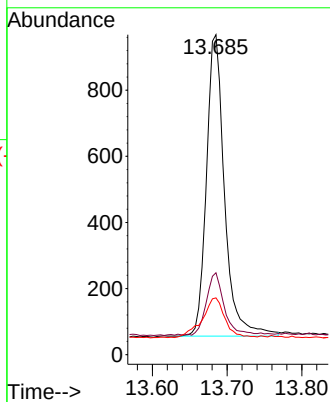
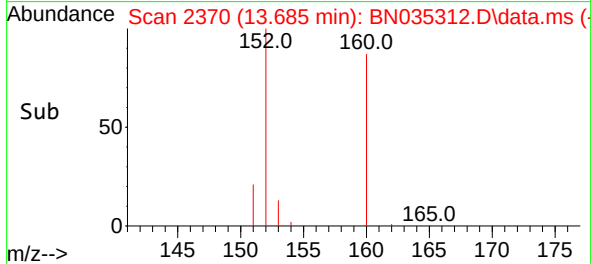
Instrument :
BNA_N
ClientSampleId :
E29X4DL



Tgt Ion:152 Resp: 1530
Ion Ratio Lower Upper
152 100
151 25.6 16.4 24.6
153 17.8 11.1 16.7

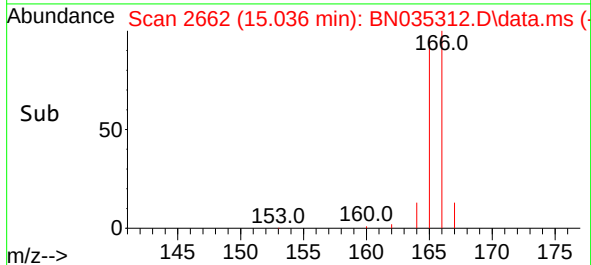
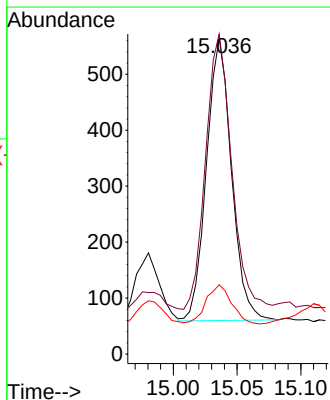
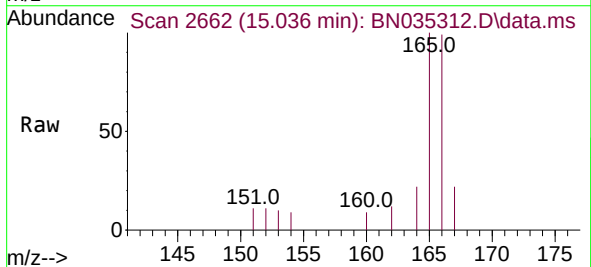
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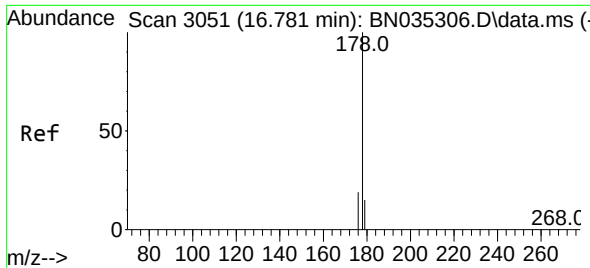
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.036 min Scan# 2662
Delta R.T. -0.000 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

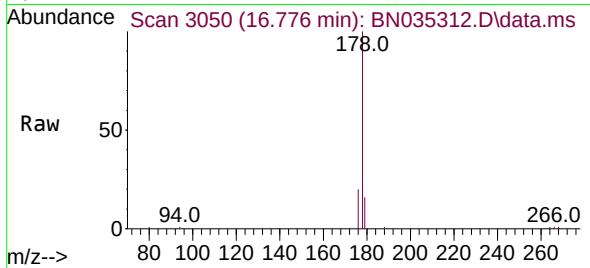
Tgt Ion:166 Resp: 686
Ion Ratio Lower Upper
166 100
165 101.2 78.6 118.0
167 21.9 11.8 17.6





#15
Phenanthrene
Concen: 0.358 ng/u1
RT: 16.776 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

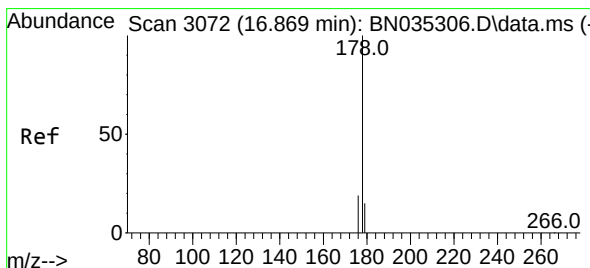
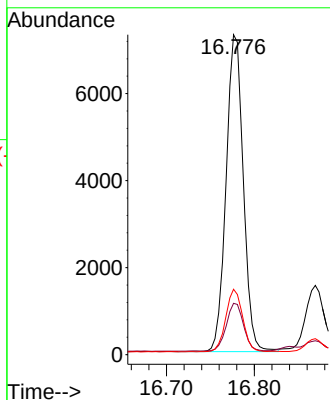
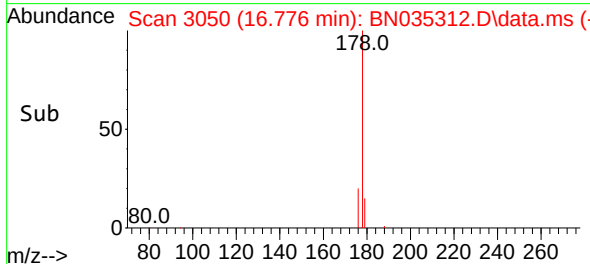
Instrument :
BNA_N
ClientSampleId :
E29X4DL



Tgt Ion:178 Resp: 990
Ion Ratio Lower Upper
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179 16.0 12.9 19.3
176 20.4 15.6 23.4

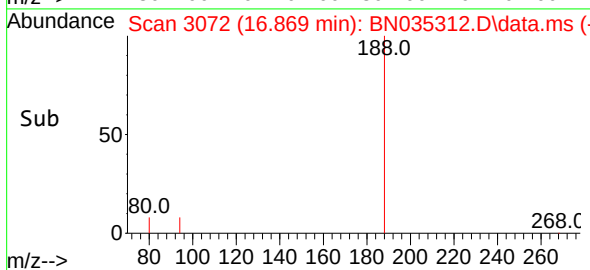
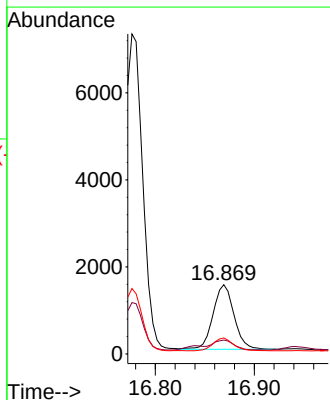
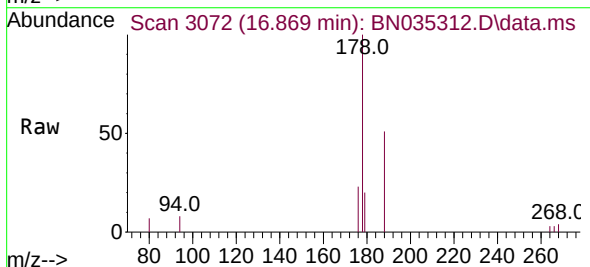
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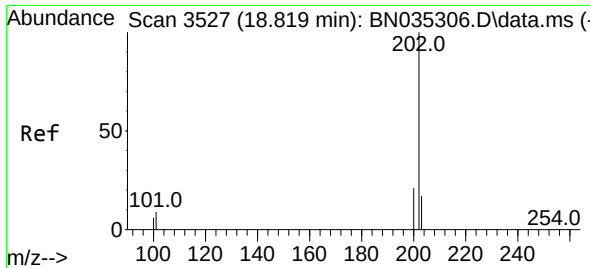
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#16
Anthracene
Concen: 0.085 ng/u1
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

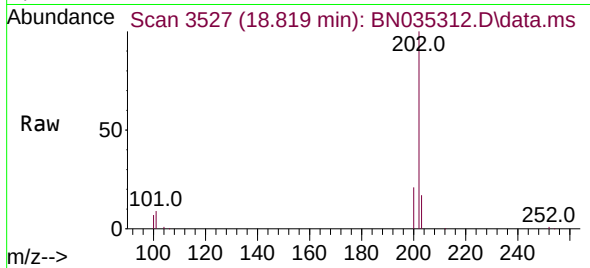
Tgt Ion:178 Resp: 2183
Ion Ratio Lower Upper
178 100
179 20.1 12.9 19.3#
176 23.0 15.4 23.2





#19
Fluoranthene
Concen: 0.568 ng/ul
RT: 18.819 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

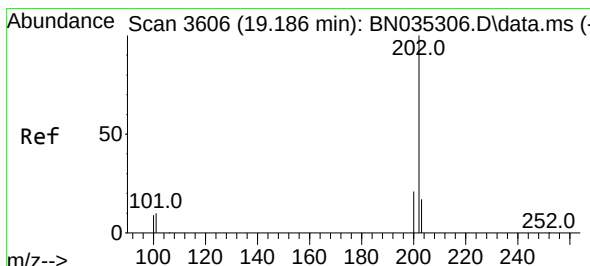
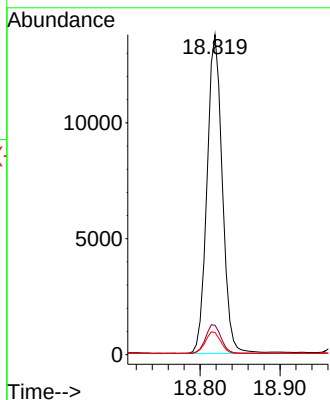
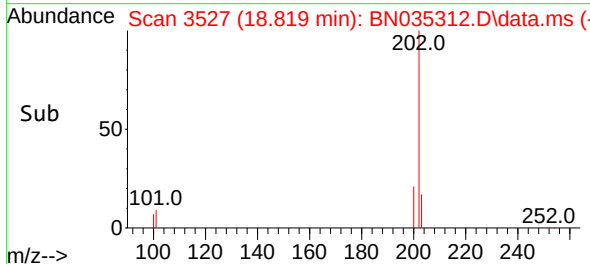
Instrument :
BNA_N
ClientSampleId :
E29X4DL



Tgt Ion:202 Resp: 1825
Ion Ratio Lower Upper
202 100
101 9.2 5.8 8.6
100 6.9 4.5 6.7

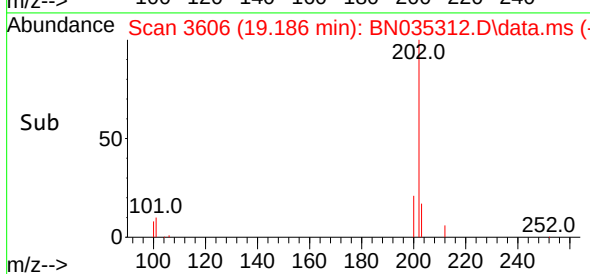
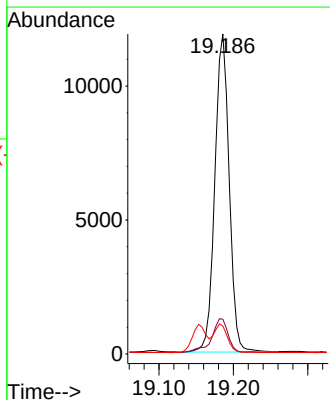
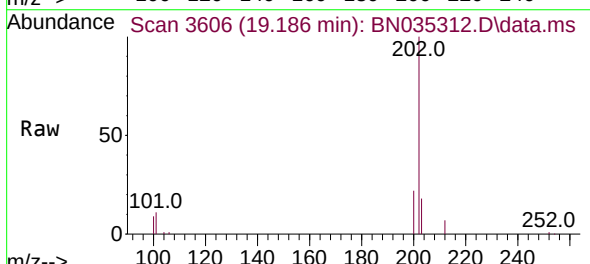
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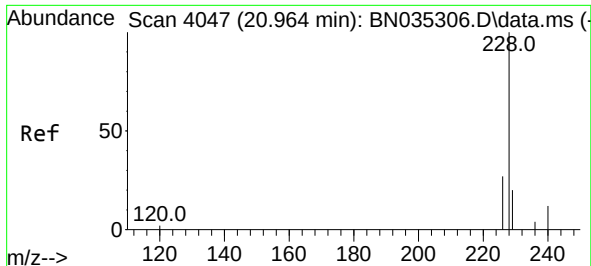
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#20
Pyrene
Concen: 0.477 ng/ul
RT: 19.186 min Scan# 3606
Delta R.T. -0.000 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

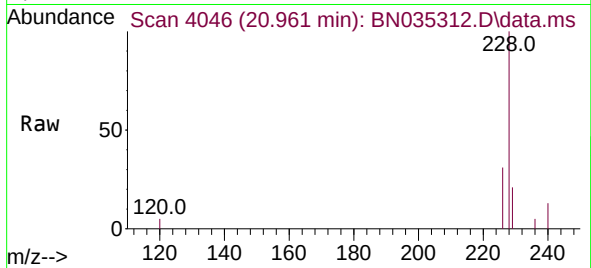
Tgt Ion:202 Resp: 15946
Ion Ratio Lower Upper
202 100
101 10.8 6.2 9.4#
100 8.8 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.216 ng/ul
RT: 20.961 min Scan# 4047
Delta R.T. -0.003 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

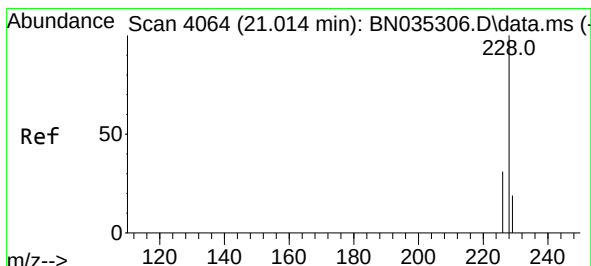
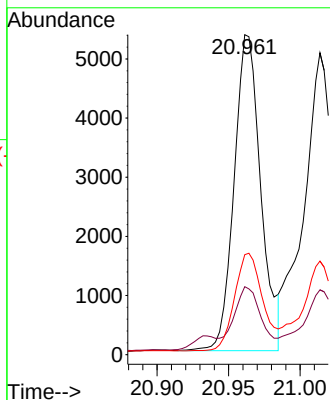
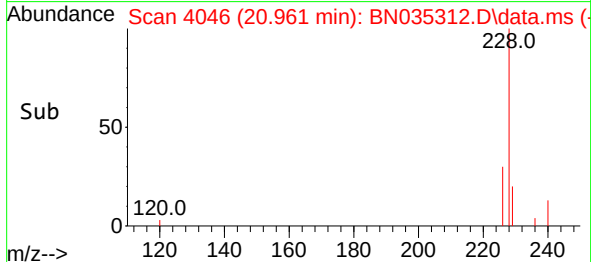
Instrument :
BNA_N
ClientSampleId :
E29X4DL



Tgt Ion:228 Resp: 6932
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 31.2 21.8 32.8

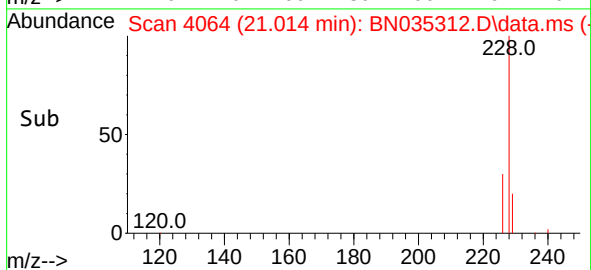
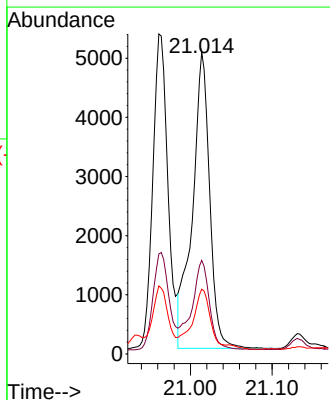
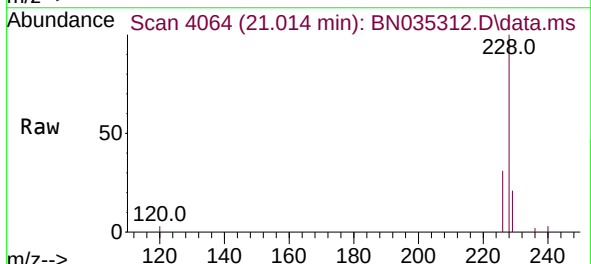
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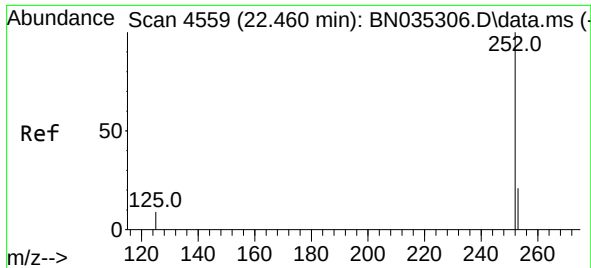
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Supervised By :mohammad ahmed 11/28/2024



#22
Chrysene
Concen: 0.229 ng/ul
RT: 21.014 min Scan# 4064
Delta R.T. -0.003 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

Tgt Ion:228 Resp: 7380
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 21.5 16.0 24.0





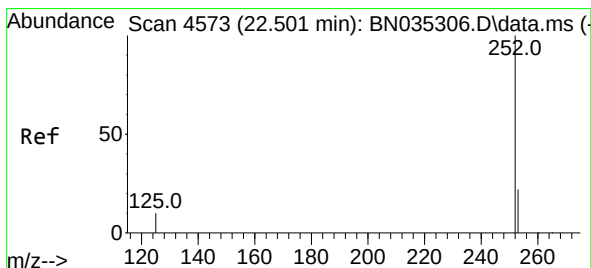
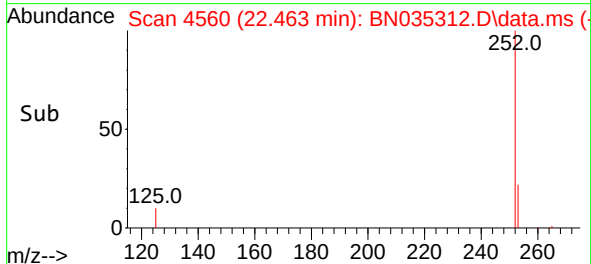
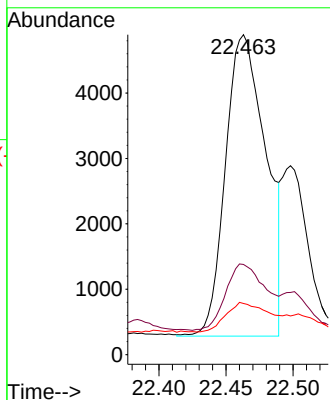
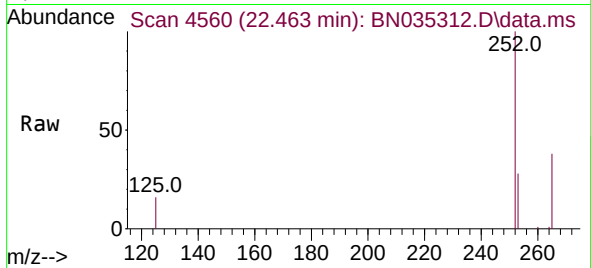
#24
Benzo(b)fluoranthene
Concen: 0.273 ng/ul m
RT: 22.463 min Scan# 4559
Delta R.T. -0.000 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

Instrument :
BNA_N
ClientSampleId :
E29X4DL

Tgt Ion:252 Resp: 970
Ion Ratio Lower Upper
252 100
253 28.2 0.0 54.0
125 16.0 0.0 19.4

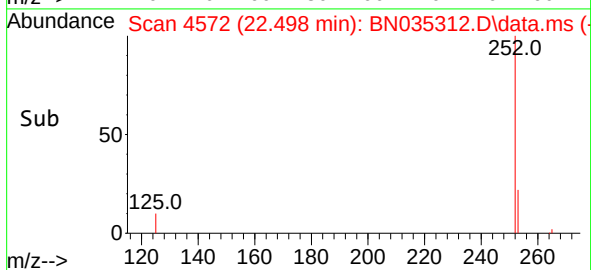
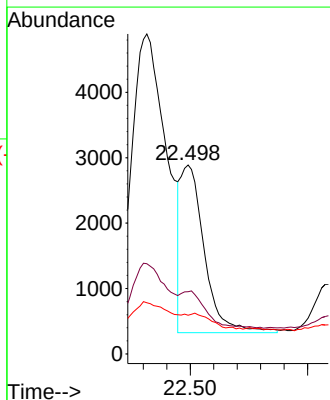
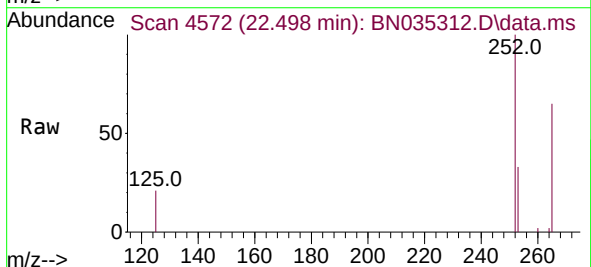
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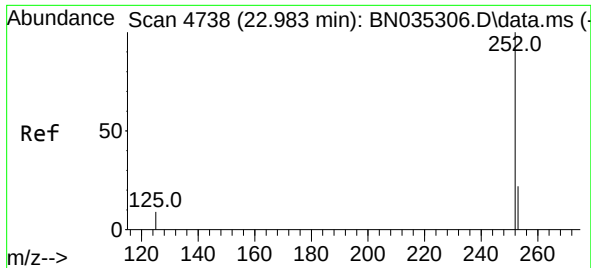
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Supervised By :mohammad ahmed 11/28/2024



#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 22.498 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

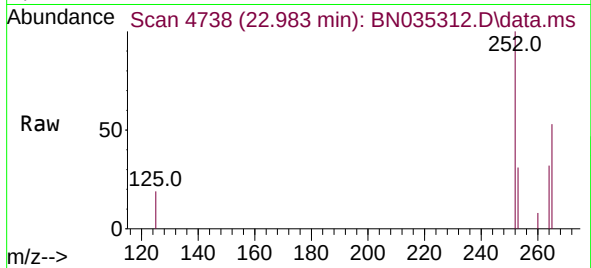
Tgt Ion:252 Resp: 3595
Ion Ratio Lower Upper
252 100
253 32.9 21.8 32.6#
125 20.5 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.208 ng/u1
RT: 22.983 min Scan# 4738
Delta R.T. -0.003 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

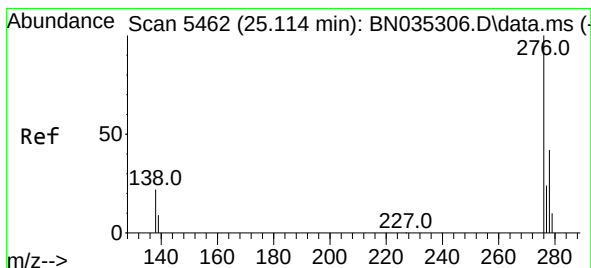
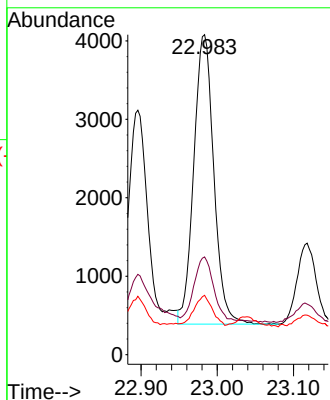
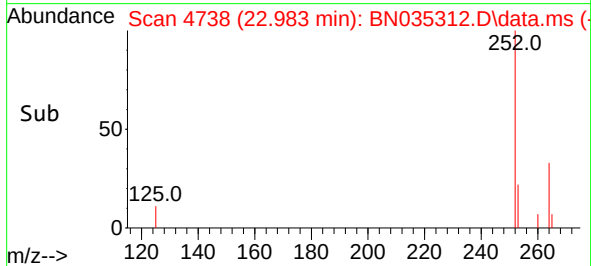
Instrument :
BNA_N
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E29X4DL



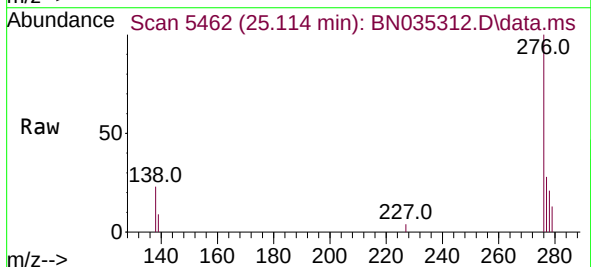
Tgt Ion:252 Resp: 6752
Ion Ratio Lower Upper
252 100
253 30.5 22.9 34.3
125 18.6 9.4 14.2

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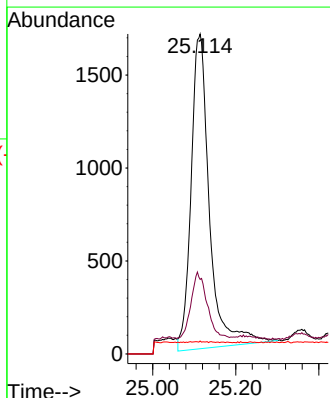
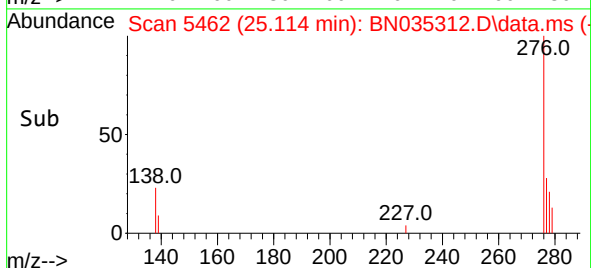
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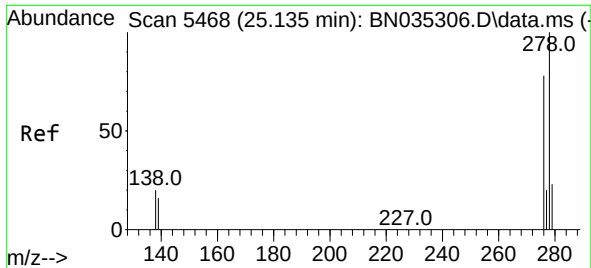


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng/u1
RT: 25.114 min Scan# 5462
Delta R.T. -0.007 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27



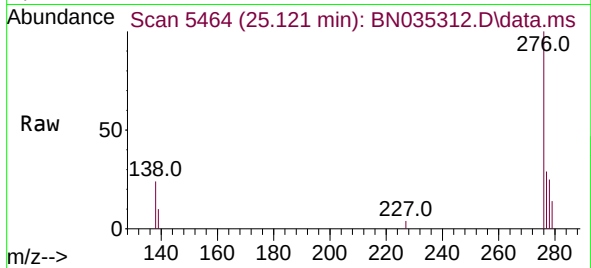
Tgt Ion:276 Resp: 5179
Ion Ratio Lower Upper
276 100
138 27.8 13.8 20.8#
227 22.1 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.121 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27

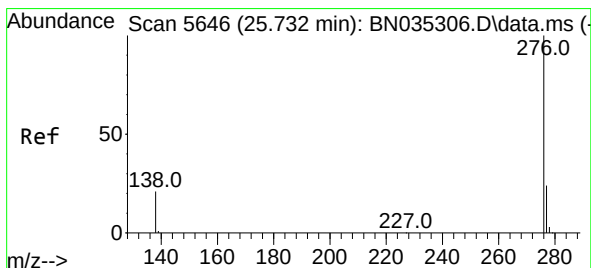
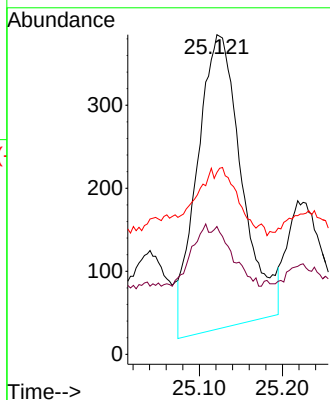
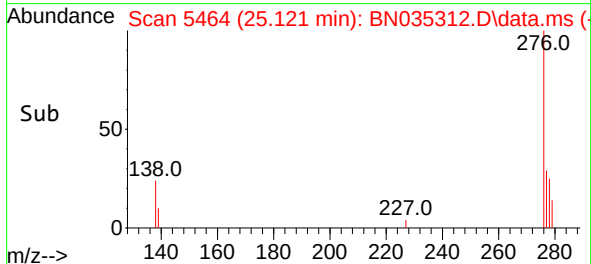
Instrument :
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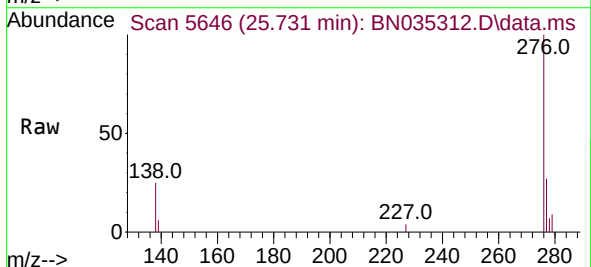
Tgt Ion:278 Resp: 131
Ion Ratio Lower Upper
278 100
139 40.0 10.7 16.1
279 56.9 22.8 34.2

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: 0.136 ng/ul
RT: 25.731 min Scan# 5646
Delta R.T. -0.003 min
Lab File: BN035312.D
Acq: 26 Nov 2024 12:27



Tgt Ion:276 Resp: 4707
Ion Ratio Lower Upper
276 100
138 25.0 13.0 19.6
277 27.1 20.5 30.7

