

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035316.D
 Acq On : 26 Nov 2024 15:03
 Operator : RC/JU
 Sample : P4872-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X3DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 22:13:49 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	3728	0.400	ng/ul	0.00
4) Naphthalene-d8	10.059	136	9185	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	4819	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	9344	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	7815	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264	9610	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	2205	0.647	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	420	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	831	0.039	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.685	152	1853	0.097	ng/ul#	92
12) Fluorene	15.036	166	635	0.037	ng/ul#	90
15) Phenanthrene	16.776	178	14573	0.590	ng/ul	99
16) Anthracene	16.869	178	2169	0.095	ng/ul#	93
19) Fluoranthene	18.819	202	21256	0.781	ng/ul#	96
20) Pyrene	19.186	202	17256	0.609	ng/ul#	93
21) Benzo(a)anthracene	20.961	228	7025	0.259	ng/ul	94
22) Chrysene	21.014	228	7735	0.283	ng/ul	98
24) Benzo(b)fluoranthene	22.460	252	9649m	0.304	ng/ul	
25) Benzo(k)fluoranthene	22.495	252	3858m	0.118	ng/ul	
26) Benzo(a)pyrene	22.981	252	6517	0.224	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.111	276	5326	0.136	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.121	278	1046m	0.034	ng/ul	
29) Benzo(g,h,i)perylene	25.728	276	4788	0.155	ng/ul#	90

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

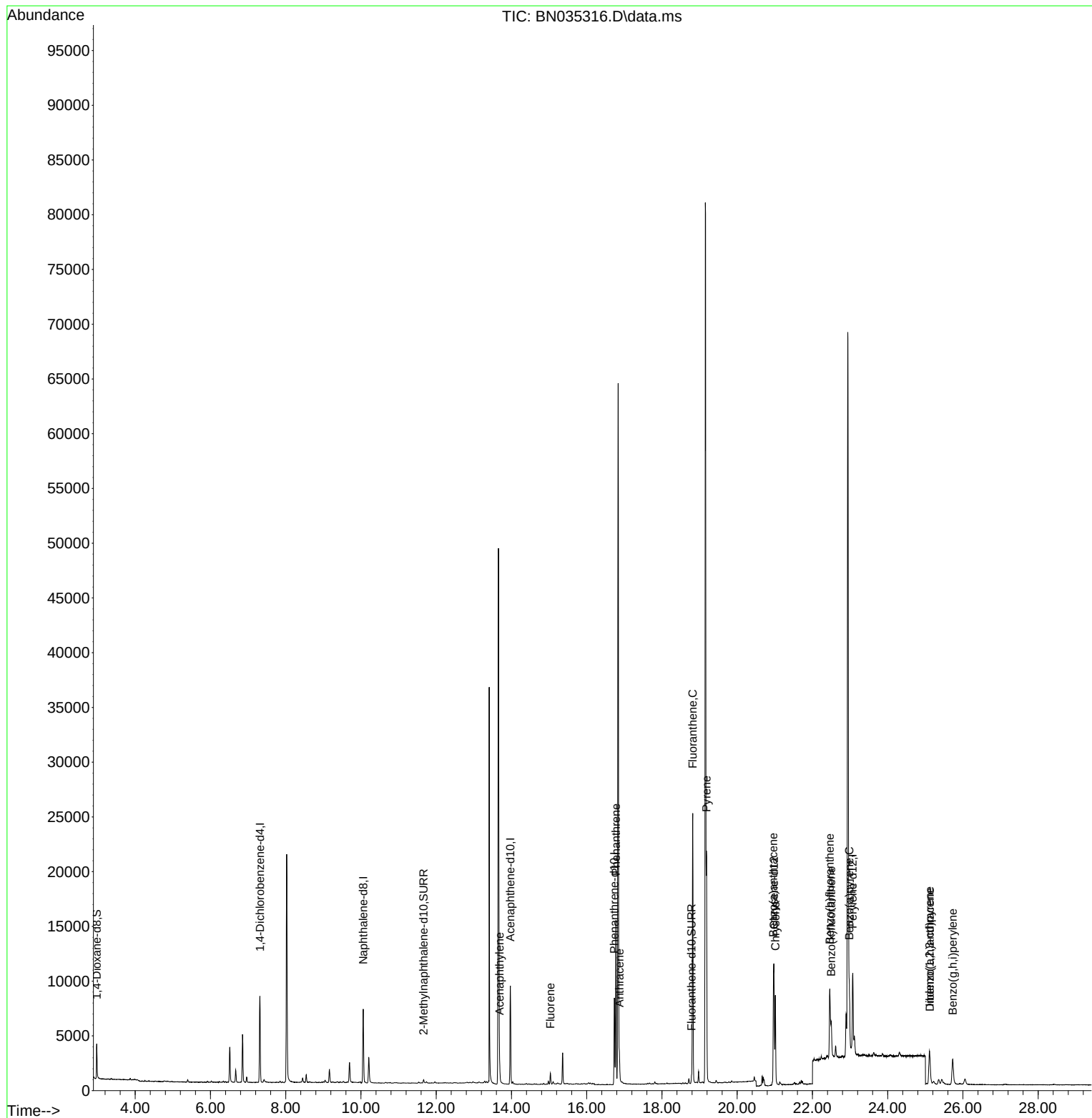
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Data File : BN035316.D
Acq On : 26 Nov 2024 15:03
Operator : RC/JU
Sample : P4872-03DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

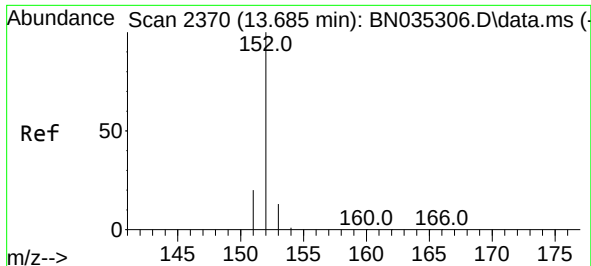
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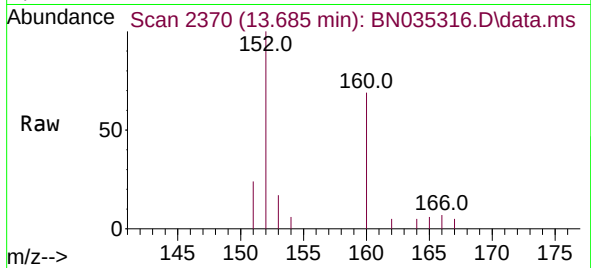
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 13.685 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

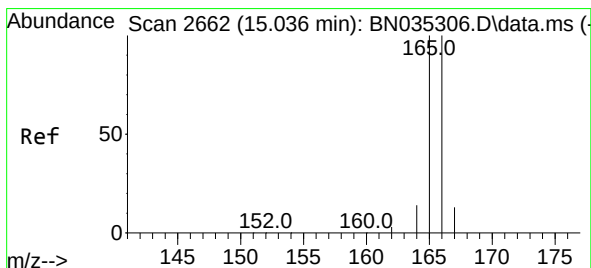
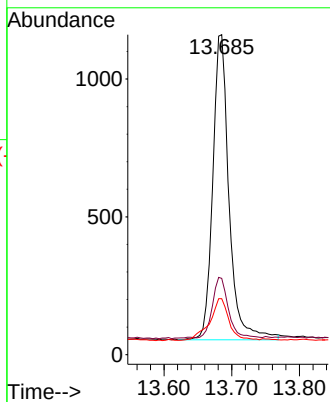
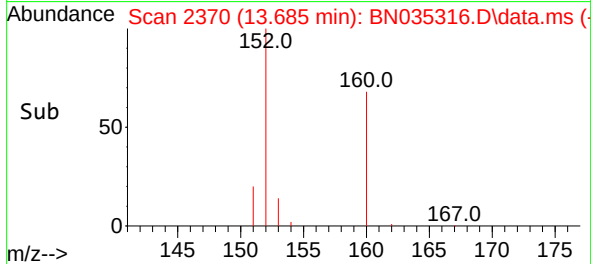
Instrument :
BNA_N
ClientSampleId :
E29X3DL



Tgt Ion:152 Resp: 185
Ion Ratio Lower Upper
152 100
151 23.9 16.4 24.6
153 17.5 11.1 16.7

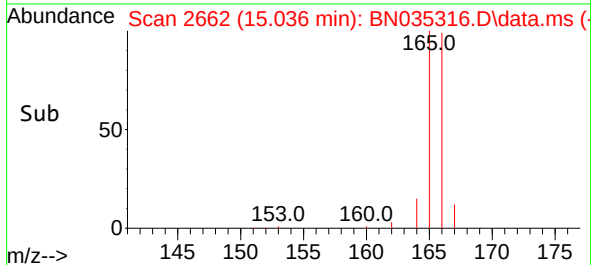
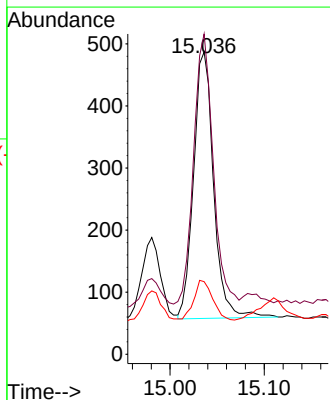
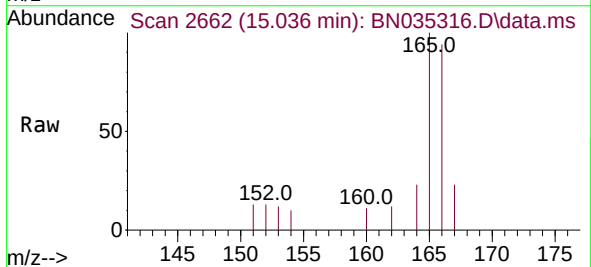
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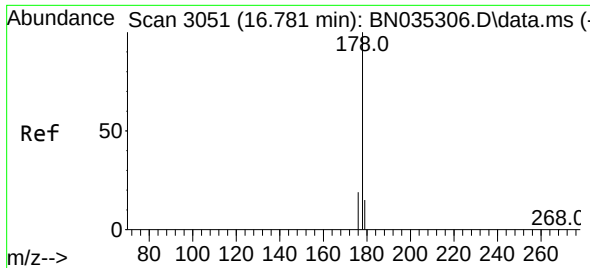
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Supervised By :mohammad ahmed 11/28/2024



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.036 min Scan# 2662
Delta R.T. 0.000 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

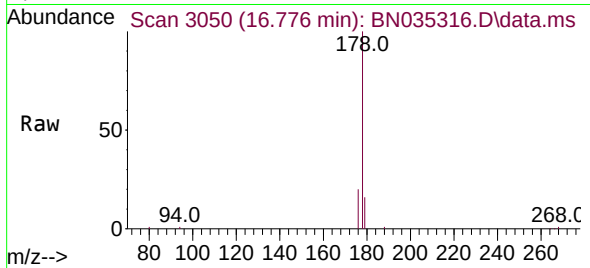
Tgt Ion:166 Resp: 635
Ion Ratio Lower Upper
166 100
165 106.0 78.6 118.0
167 24.0 11.8 17.6





#15
Phenanthrene
Concen: 0.590 ng/u1
RT: 16.776 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

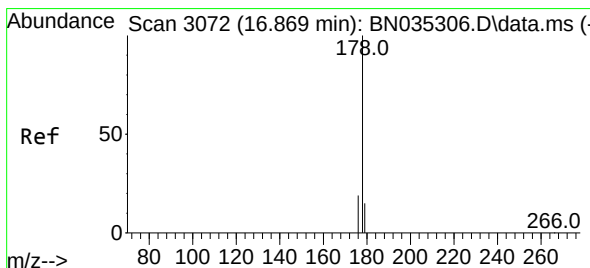
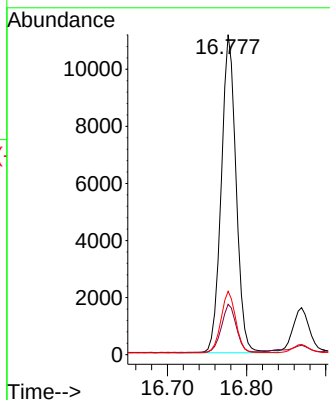
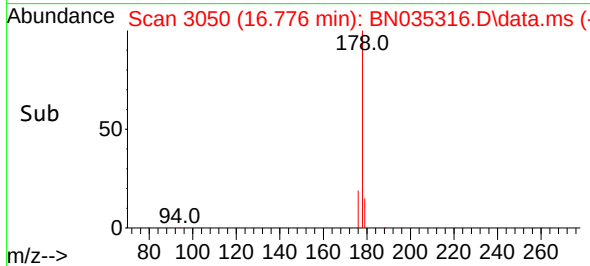
Instrument :
BNA_N
ClientSampleId :
E29X3DL



Tgt Ion:178 Resp: 1457
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.8 15.6 23.4

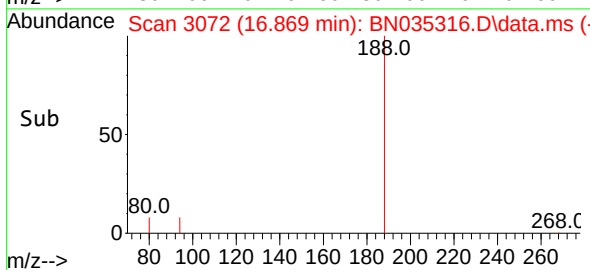
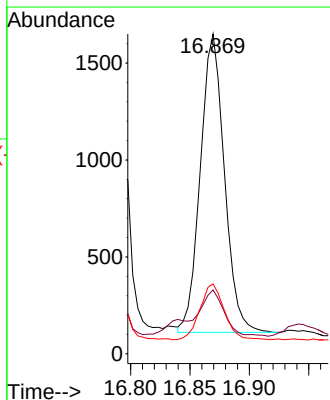
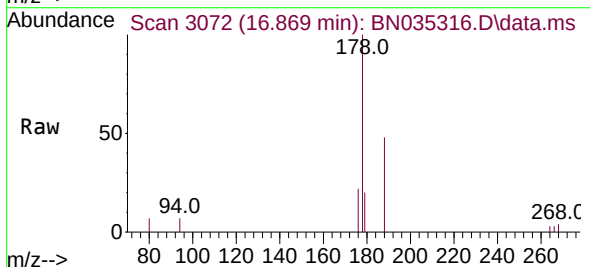
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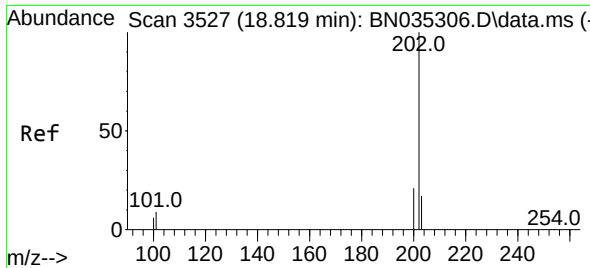
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#16
Anthracene
Concen: 0.095 ng/u1
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

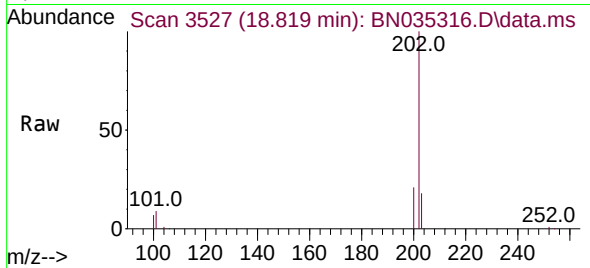
Tgt Ion:178 Resp: 2169
Ion Ratio Lower Upper
178 100
179 20.0 12.9 19.3#
176 21.9 15.4 23.2





#19
Fluoranthene
Concen: 0.781 ng/u1
RT: 18.819 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

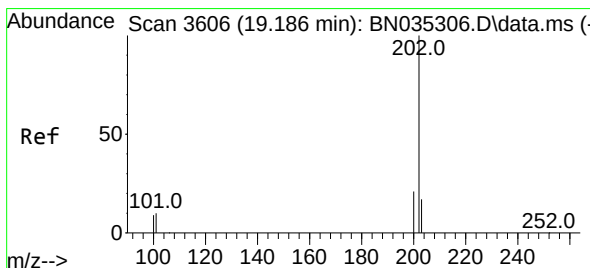
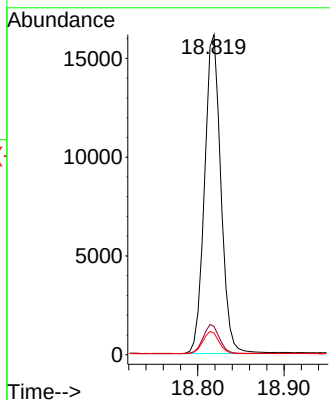
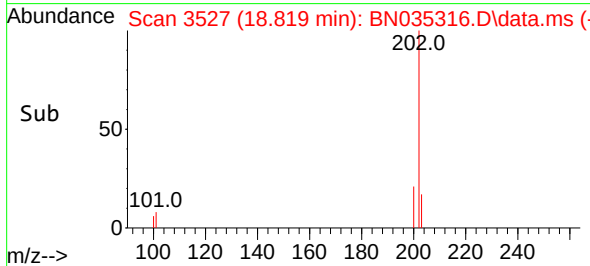
Instrument :
BNA_N
ClientSampleId :
E29X3DL



Tgt Ion:202 Resp: 21256
Ion Ratio Lower Upper
202 100
101 8.8 5.8 8.6
100 6.8 4.5 6.7

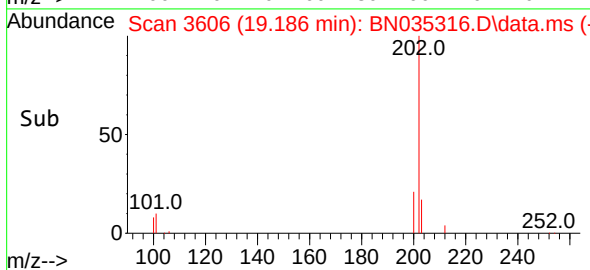
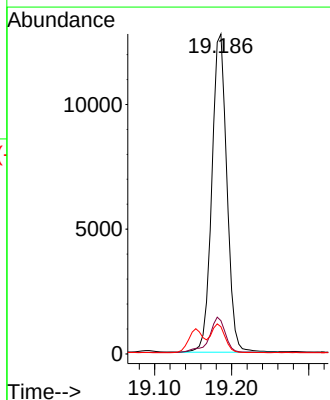
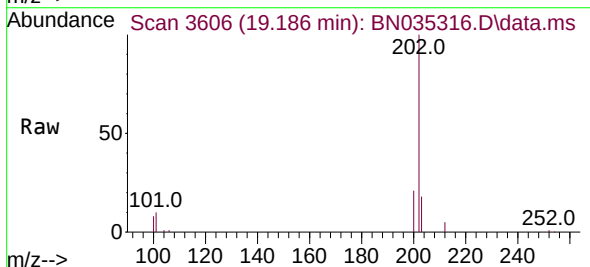
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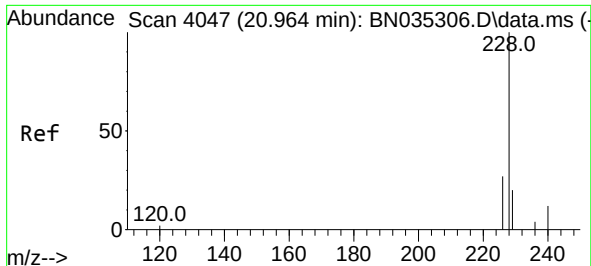
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#20
Pyrene
Concen: 0.609 ng/u1
RT: 19.186 min Scan# 3606
Delta R.T. 0.000 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

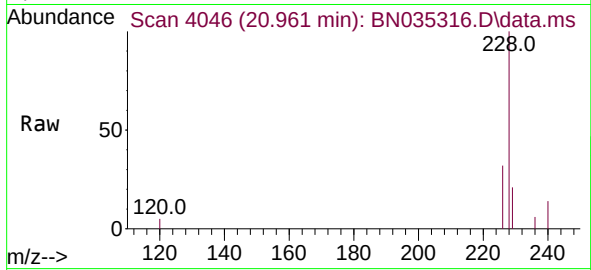
Tgt Ion:202 Resp: 17256
Ion Ratio Lower Upper
202 100
101 10.4 6.2 9.4#
100 8.5 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.259 ng/u1
RT: 20.961 min Scan# 4046
Delta R.T. -0.003 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

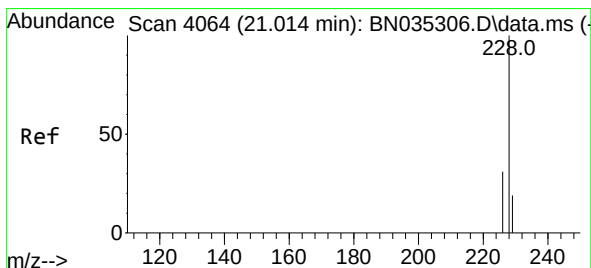
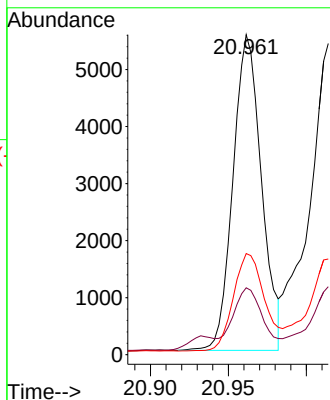
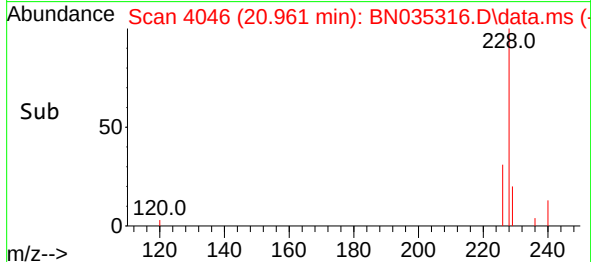
Instrument :
BNA_N
ClientSampleId :
E29X3DL



Tgt Ion:228 Resp: 7025
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 31.6 21.8 32.8

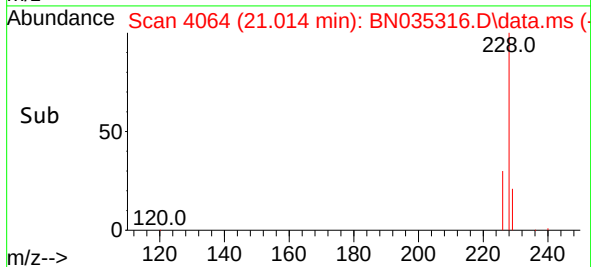
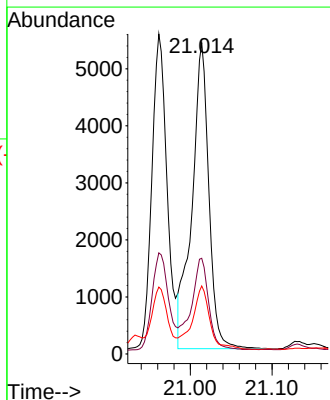
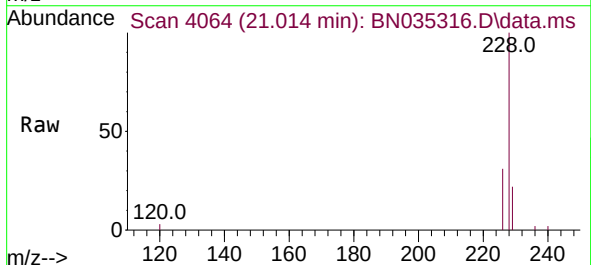
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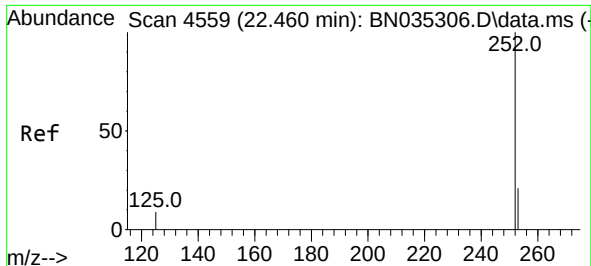
Reviewed By :Yogesh Patel 11/27/2024
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#22
Chrysene
Concen: 0.283 ng/u1
RT: 21.014 min Scan# 4064
Delta R.T. -0.003 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

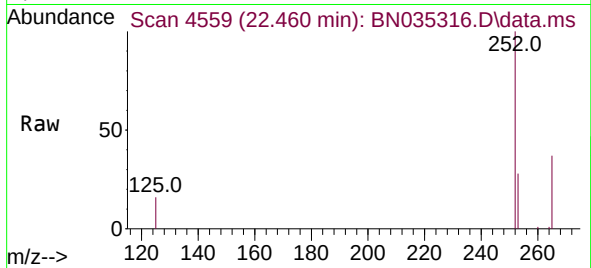
Tgt Ion:228 Resp: 7735
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 21.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul m
RT: 22.460 min Scan# 4559
Delta R.T. -0.003 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

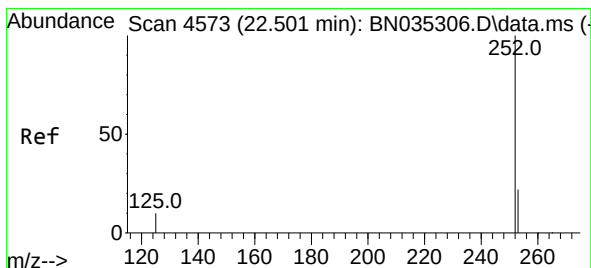
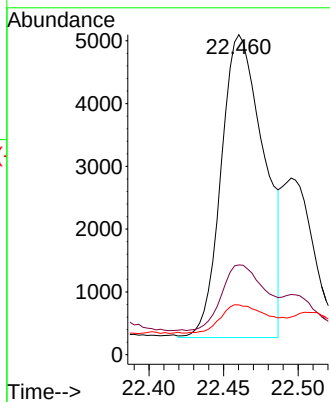
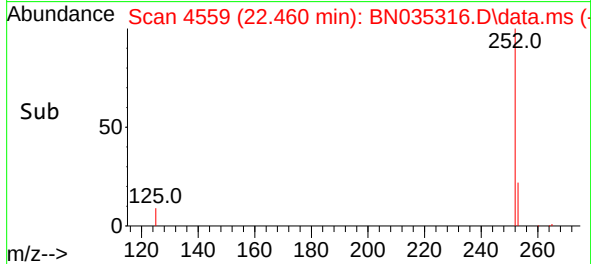
Instrument :
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E29X3DL



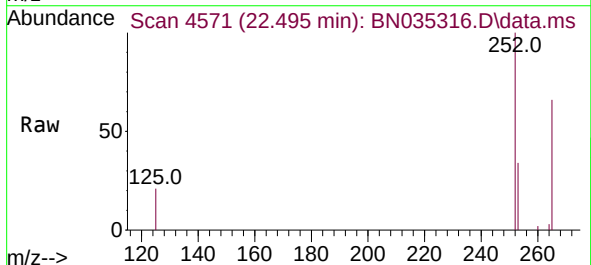
Tgt Ion:252 Resp: 9649
Ion Ratio Lower Upper
252 100
253 28.1 0.0 54.0
125 15.6 0.0 19.4

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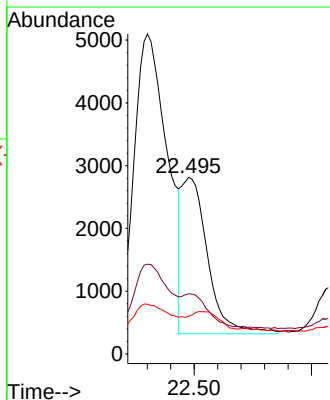
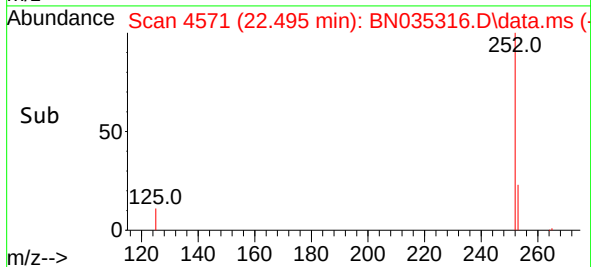
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

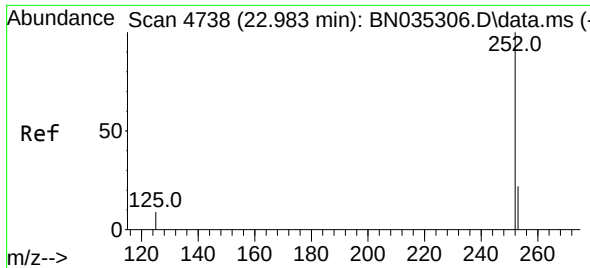


#25
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 22.495 min Scan# 4571
Delta R.T. -0.009 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03



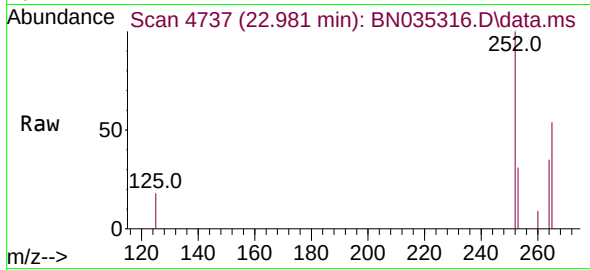
Tgt Ion:252 Resp: 3858
Ion Ratio Lower Upper
252 100
253 34.0 21.8 32.6#
125 21.3 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.224 ng/ul
RT: 22.981 min Scan# 4737
Delta R.T. -0.006 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

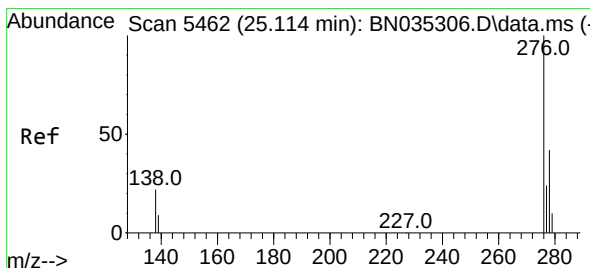
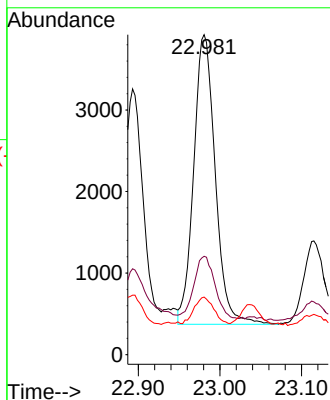
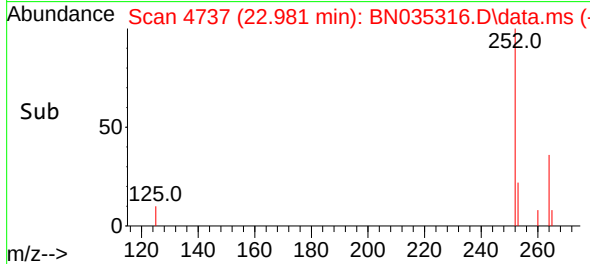
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BNA_N
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E29X3DL



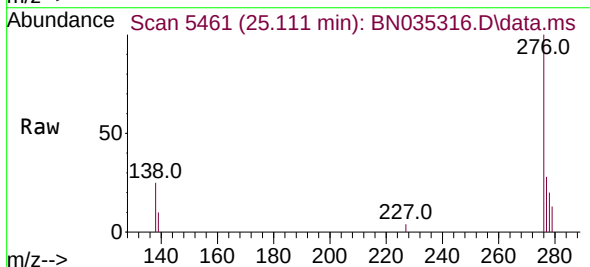
Tgt Ion:252 Resp: 6517
Ion Ratio Lower Upper
252 100
253 30.7 22.9 34.3
125 18.0 9.4 14.2

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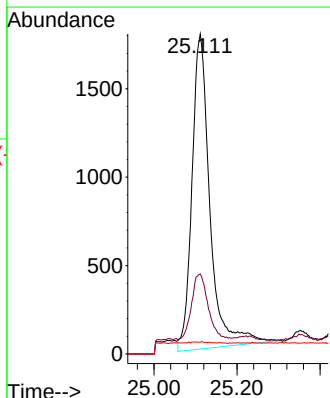
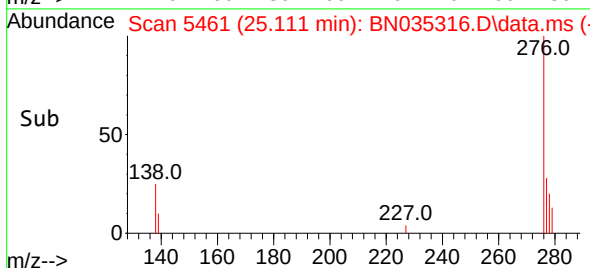
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

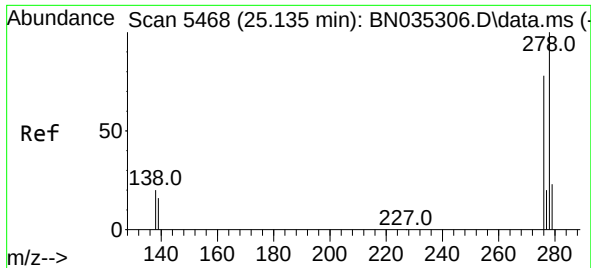


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.111 min Scan# 5461
Delta R.T. -0.010 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03



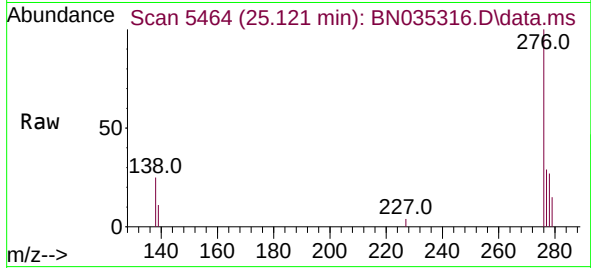
Tgt Ion:276 Resp: 5326
Ion Ratio Lower Upper
276 100
138 21.1 13.8 20.8#
227 21.3 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul m
RT: 25.121 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03

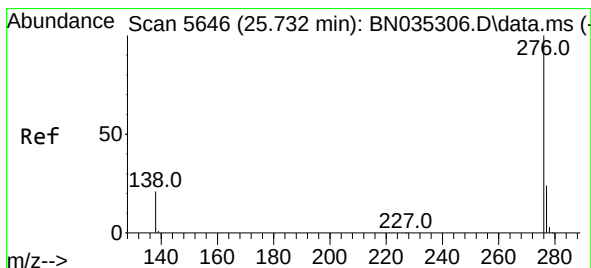
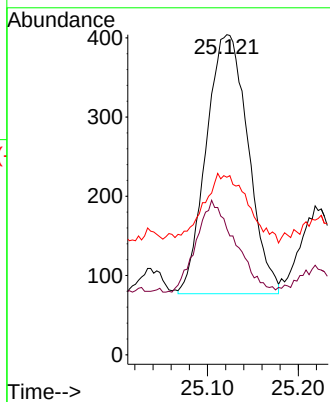
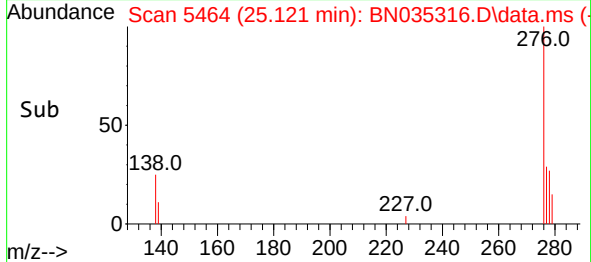
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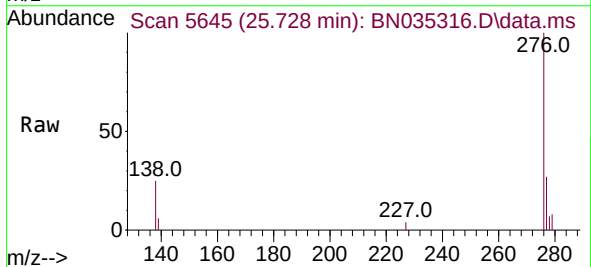
Tgt Ion:278 Resp: 1040
Ion Ratio Lower Upper
278 100
139 39.4 10.7 16.1
279 55.4 22.8 34.2

Manual Integrations
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Supervised By :mohammad ahmed 11/28/2024



#29
Benzo(g,h,i)perylene
Concen: 0.155 ng/ul
RT: 25.728 min Scan# 5645
Delta R.T. -0.007 min
Lab File: BN035316.D
Acq: 26 Nov 2024 15:03



Tgt Ion:276 Resp: 4788
Ion Ratio Lower Upper
276 100
138 24.8 13.0 19.6
277 27.3 20.5 30.7

