

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035314.D
 Acq On : 26 Nov 2024 13:51
 Operator : RC/JU
 Sample : P4872-23DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Z0DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 22:13:29 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	7.309	152	3708	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	9110	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	4724	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.738	188	8719	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.982	240	6954	0.400	ng/ul	# 0.00
23) Perylene-d12	23.074	264	7684m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	2168	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	416	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.791	212	753	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	1740	0.093	ng/ul#	92
12) Fluorene	15.036	166	558	0.033	ng/ul#	92
15) Phenanthrene	16.776	178	7327	0.318	ng/ul	98
16) Anthracene	16.869	178	1825	0.085	ng/ul#	91
19) Fluoranthene	18.819	202	12247	0.506	ng/ul#	93
20) Pyrene	19.186	202	11246	0.446	ng/ul#	92
21) Benzo(a)anthracene	20.964	228	5525m	0.229	ng/ul	
22) Chrysene	21.017	228	5515	0.227	ng/ul	96
24) Benzo(b)fluoranthene	22.463	252	7135m	0.281	ng/ul	
25) Benzo(k)fluoranthene	22.501	252	3058m	0.117	ng/ul	
26) Benzo(a)pyrene	22.983	252	5710	0.246	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.118	276	4194	0.134	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.128	278	921m	0.037	ng/ul	
29) Benzo(g,h,i)perylene	25.731	276	3698	0.150	ng/ul#	88

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

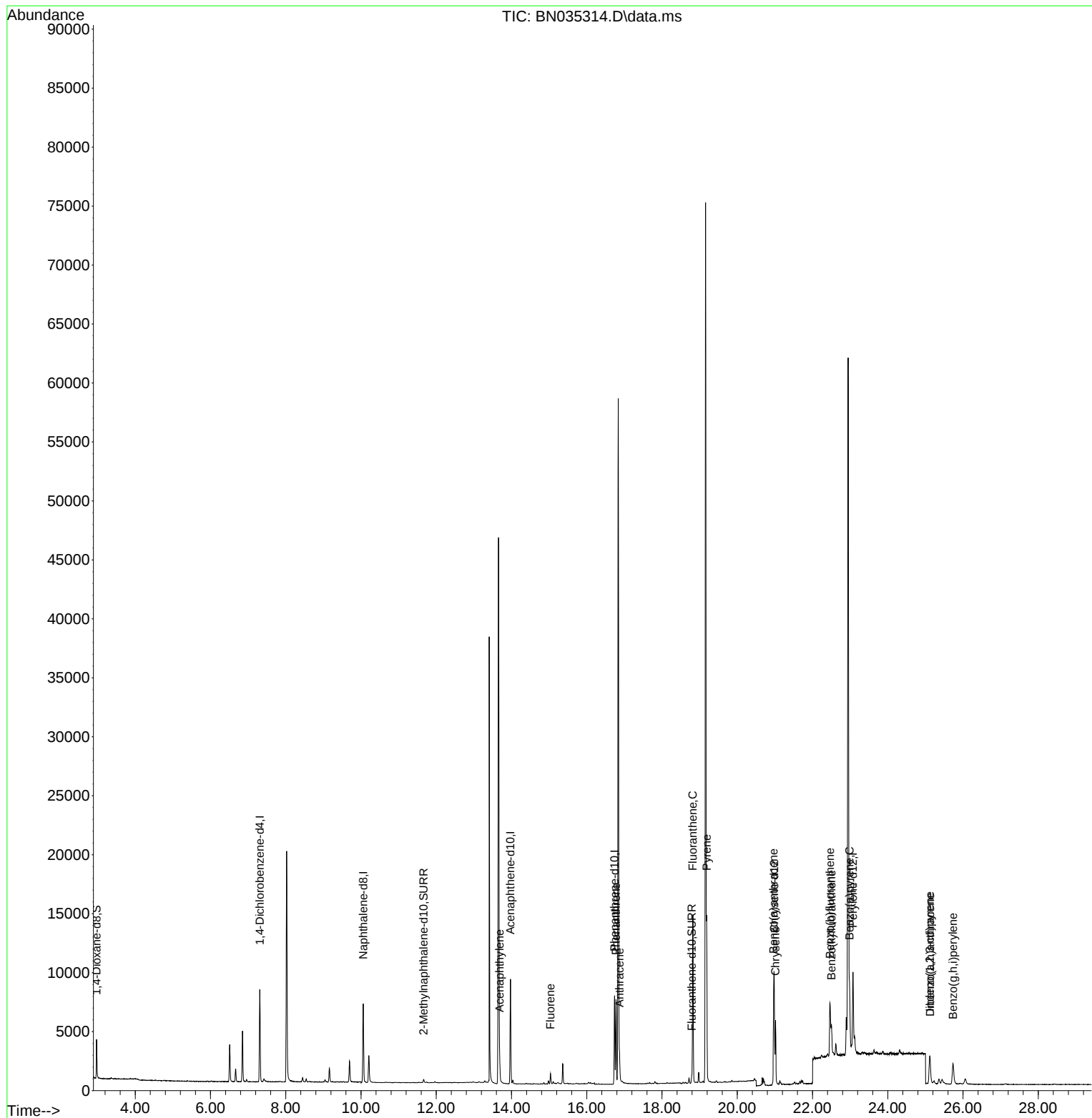
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Data File : BN035314.D
Acq On : 26 Nov 2024 13:51
Operator : RC/JU
Sample : P4872-23DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

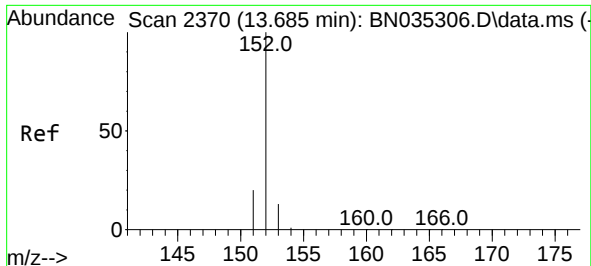
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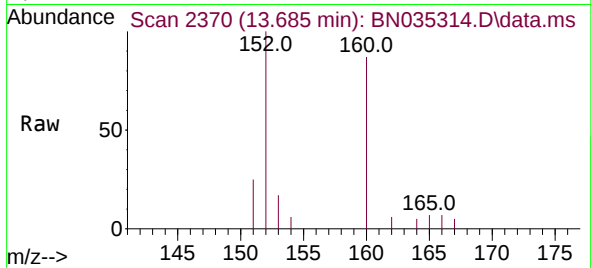
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.093 ng/ul
RT: 13.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

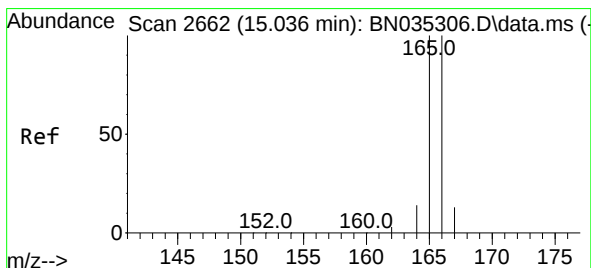
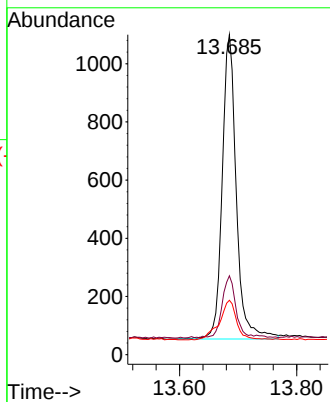
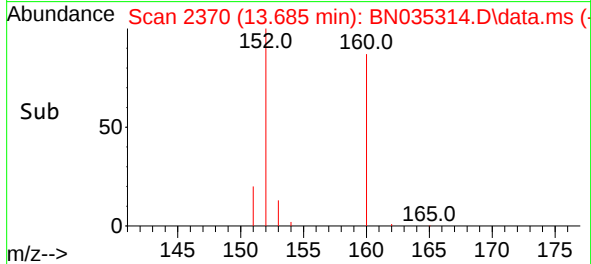
Instrument :
BNA_N
ClientSampleId :
E29Z0DL



Tgt Ion:152 Resp: 1740
Ion Ratio Lower Upper
152 100
151 24.6 16.4 24.6
153 17.0 11.1 16.7

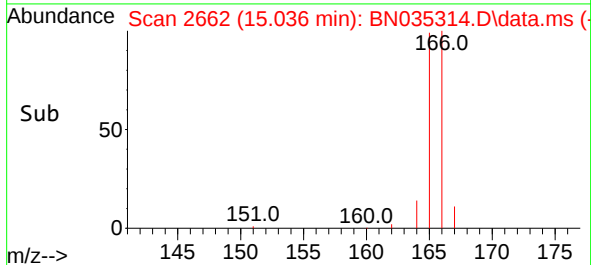
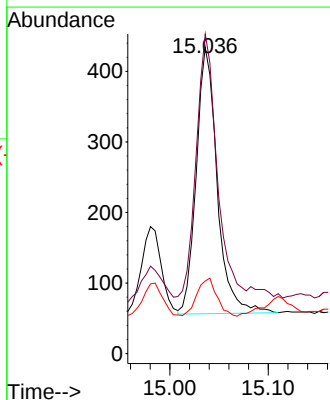
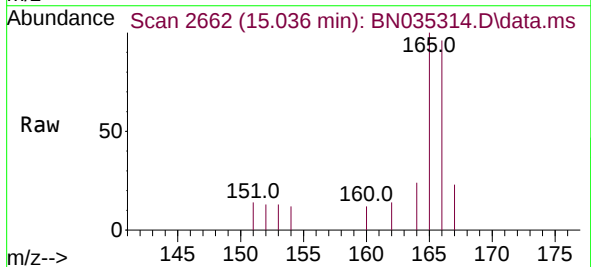
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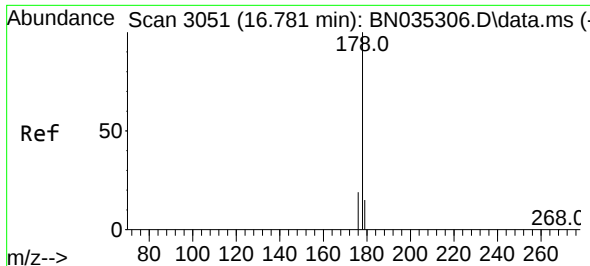
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.036 min Scan# 2662
Delta R.T. -0.000 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

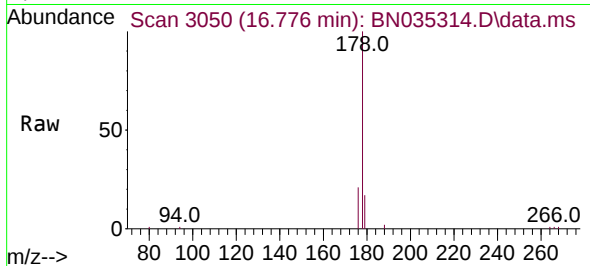
Tgt Ion:166 Resp: 558
Ion Ratio Lower Upper
166 100
165 104.4 78.6 118.0
167 23.7 11.8 17.6





#15
Phenanthrene
Concen: 0.318 ng/u1
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

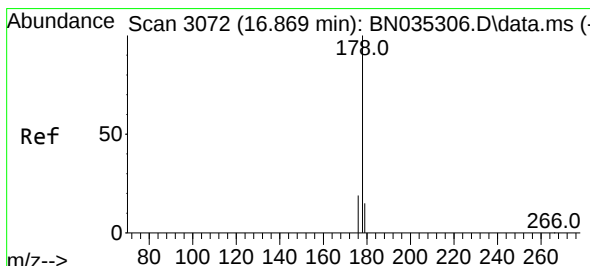
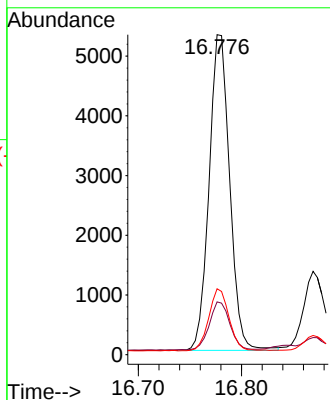
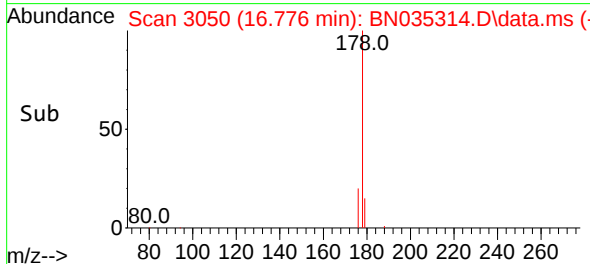
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Tgt Ion:178 Resp: 732
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 20.6 15.6 23.4

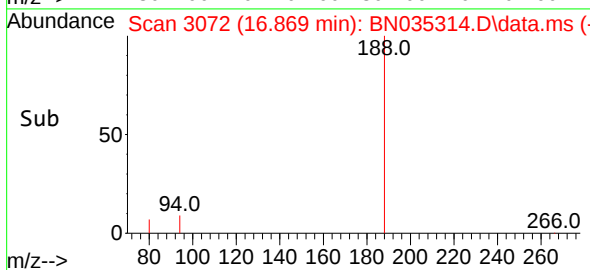
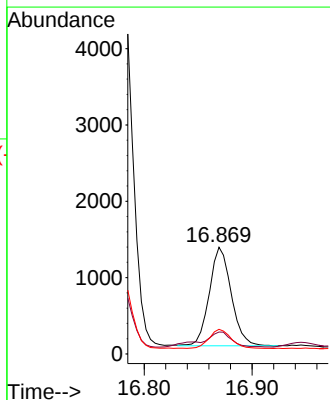
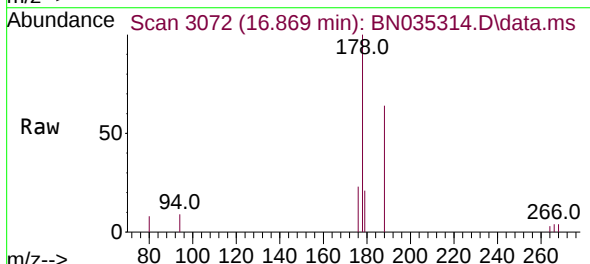
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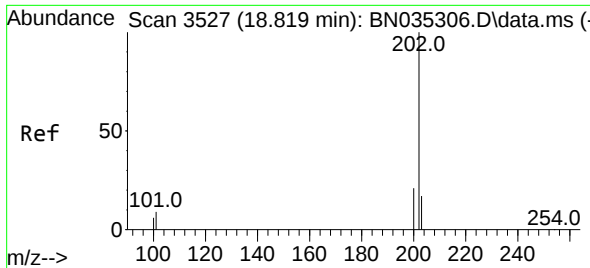
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#16
Anthracene
Concen: 0.085 ng/u1
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

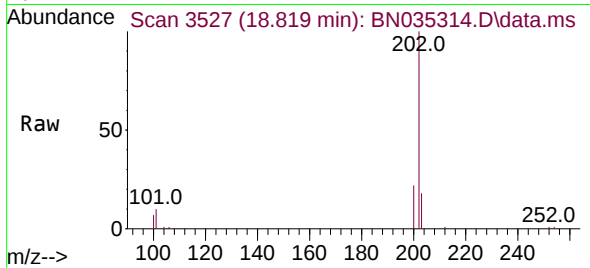
Tgt Ion:178 Resp: 1825
Ion Ratio Lower Upper
178 100
179 20.6 12.9 19.3#
176 23.0 15.4 23.2





#19
Fluoranthene
Concen: 0.506 ng/u1
RT: 18.819 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

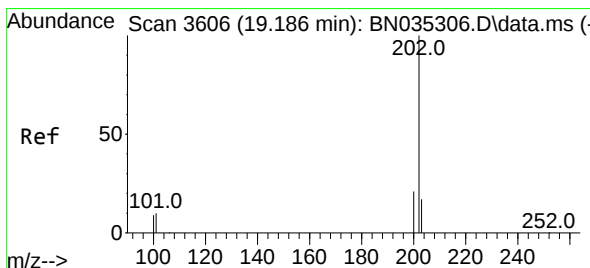
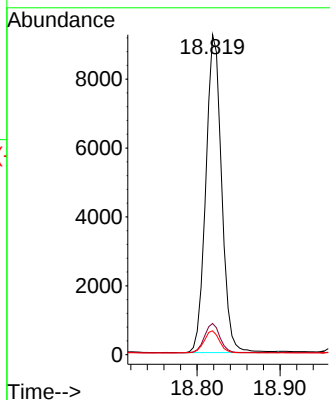
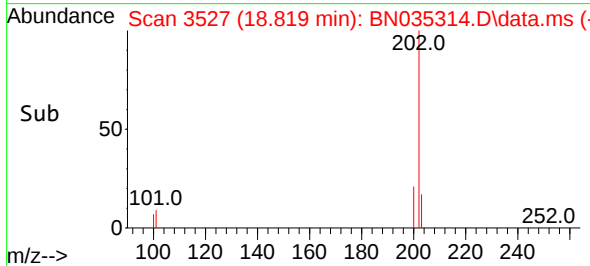
Instrument :
BNA_N
ClientSampleId :
E29Z0DL



Tgt Ion:202 Resp: 12245
Ion Ratio Lower Upper
202 100
101 9.8 5.8 8.6#
100 7.4 4.5 6.7#

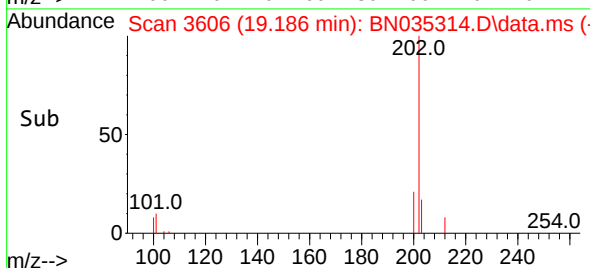
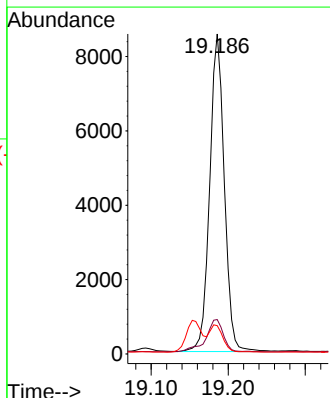
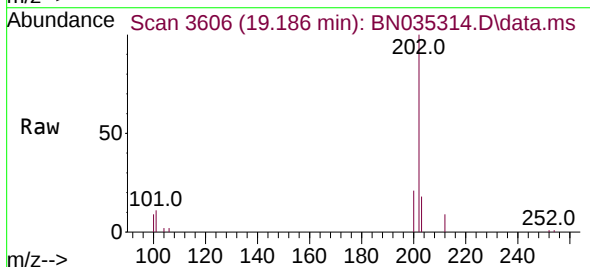
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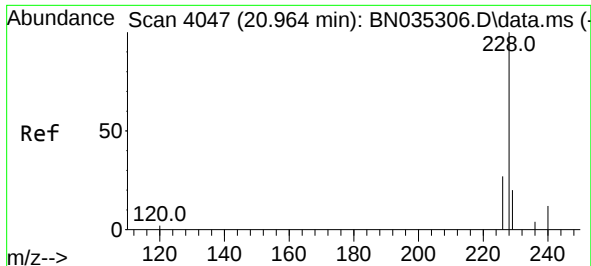
Reviewed By :Yogesh Patel 11/27/2024
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#20
Pyrene
Concen: 0.446 ng/u1
RT: 19.186 min Scan# 3606
Delta R.T. -0.000 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

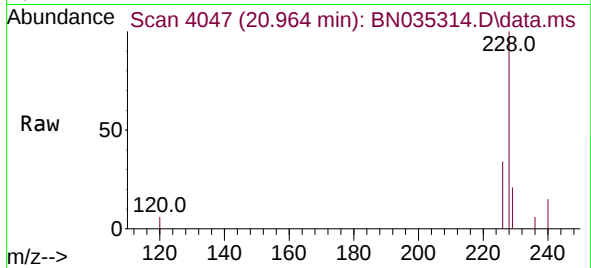
Tgt Ion:202 Resp: 11246
Ion Ratio Lower Upper
202 100
101 10.8 6.2 9.4#
100 8.9 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.229 ng/ul m
RT: 20.964 min Scan# 4047
Delta R.T. -0.000 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

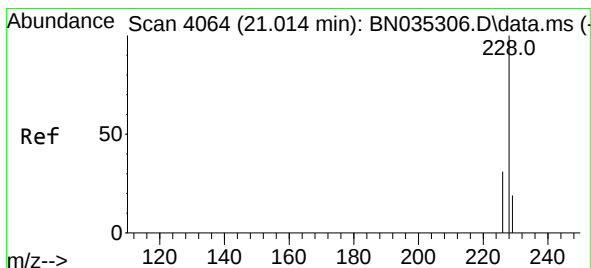
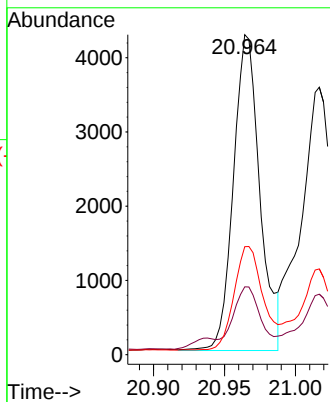
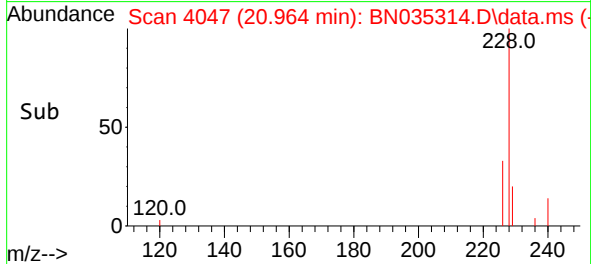
Instrument :
BNA_N
ClientSampleId :
E29Z0DL



Tgt Ion:228 Resp: 5529
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.8
226 33.8 21.8 32.8

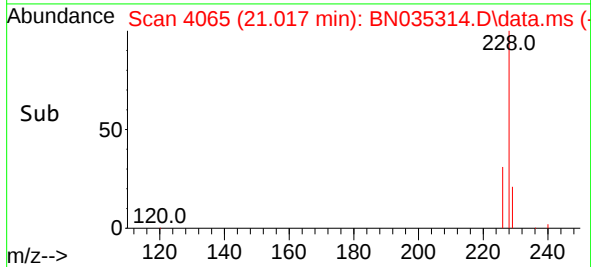
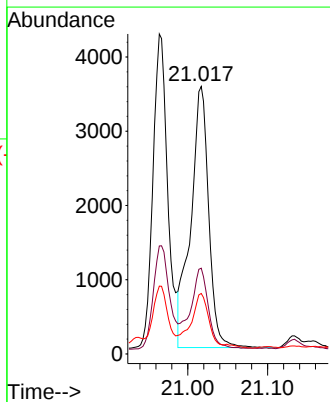
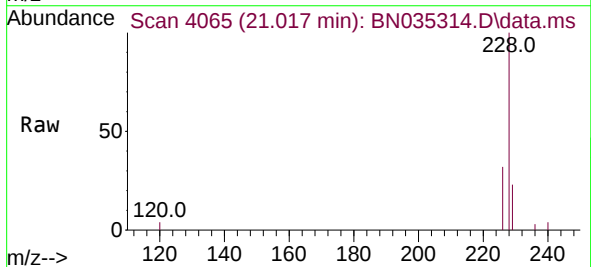
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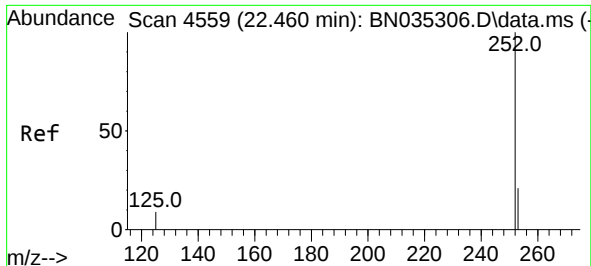
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#22
Chrysene
Concen: 0.227 ng/ul
RT: 21.017 min Scan# 4065
Delta R.T. -0.000 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

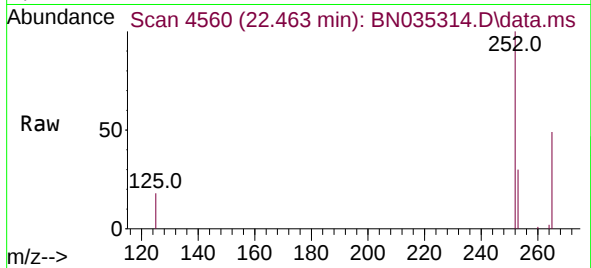
Tgt Ion:228 Resp: 5515
Ion Ratio Lower Upper
228 100
226 32.1 24.7 37.1
229 22.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.281 ng/ul m
RT: 22.463 min Scan# 4560
Delta R.T. -0.000 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

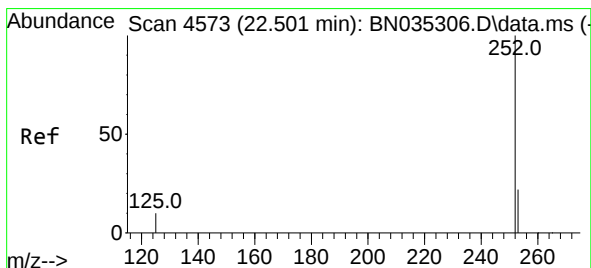
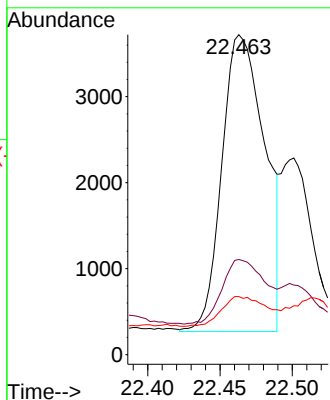
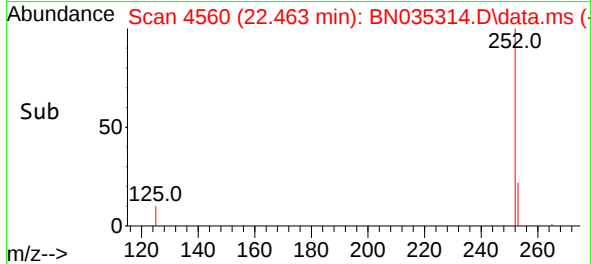
Instrument :
BNA_N
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E29Z0DL



Tgt Ion:252 Resp: 7135
Ion Ratio Lower Upper
252 100
253 29.7 0.0 54.0
125 18.1 0.0 19.4

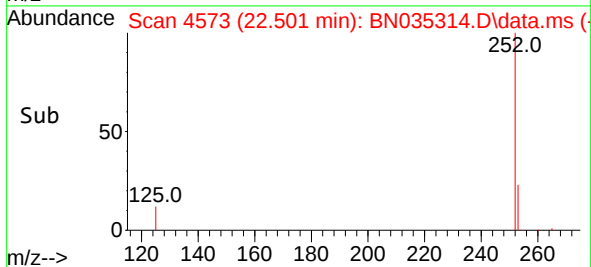
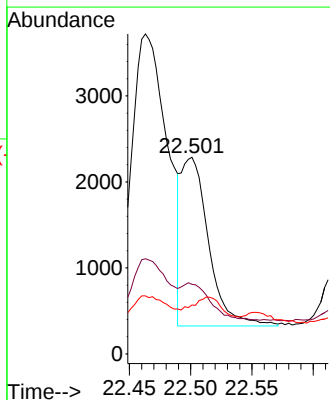
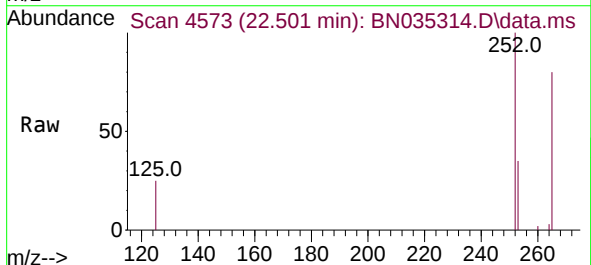
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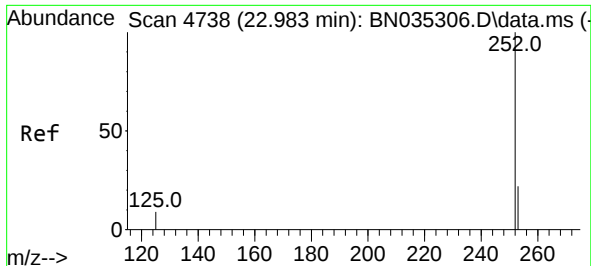
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#25
Benzo(k)fluoranthene
Concen: 0.117 ng/ul m
RT: 22.501 min Scan# 4573
Delta R.T. -0.003 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

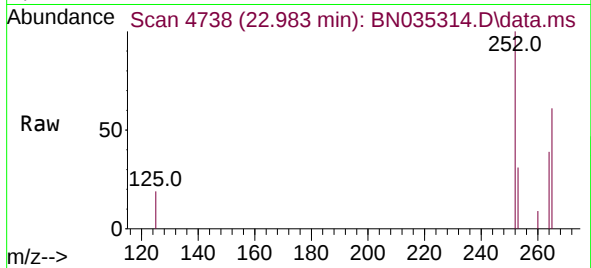
Tgt Ion:252 Resp: 3058
Ion Ratio Lower Upper
252 100
253 35.4 21.8 32.6#
125 24.9 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.246 ng/ul
RT: 22.983 min Scan# 4738
Delta R.T. -0.003 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51

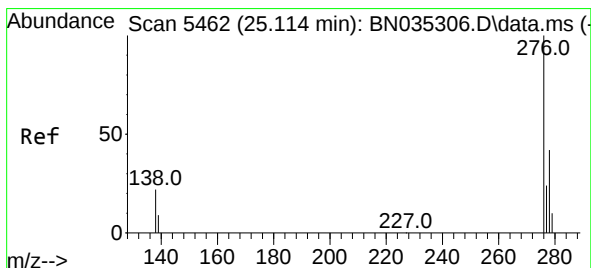
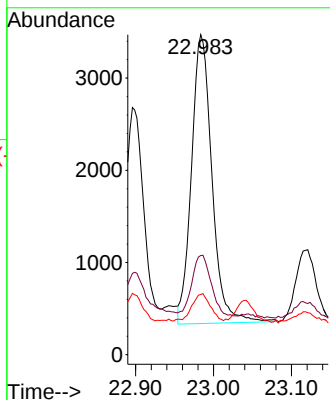
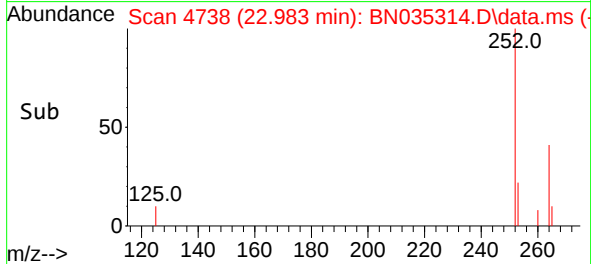
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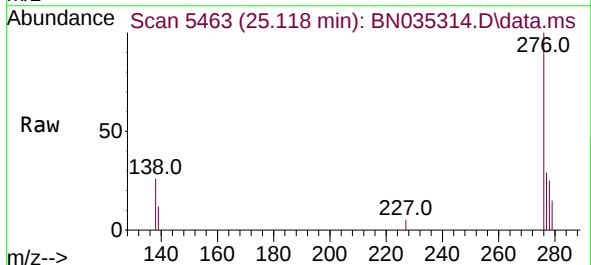
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Ion Ratio Lower Upper
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253 31.0 22.9 34.3
125 18.8 9.4 14.2

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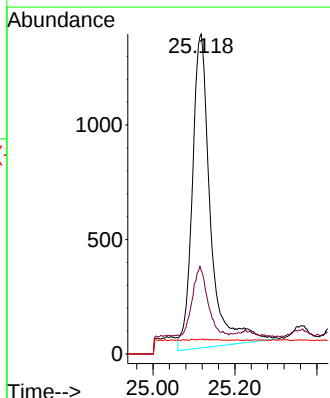
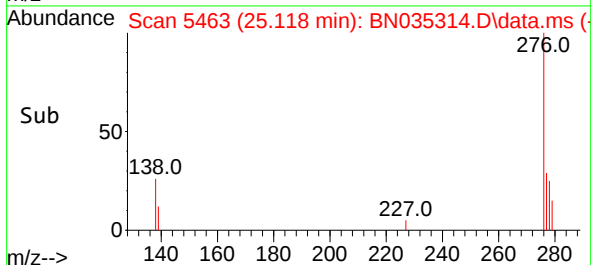
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

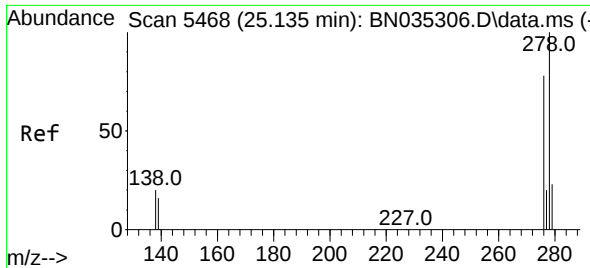


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.134 ng/ul
RT: 25.118 min Scan# 5463
Delta R.T. -0.003 min
Lab File: BN035314.D
Acq: 26 Nov 2024 13:51



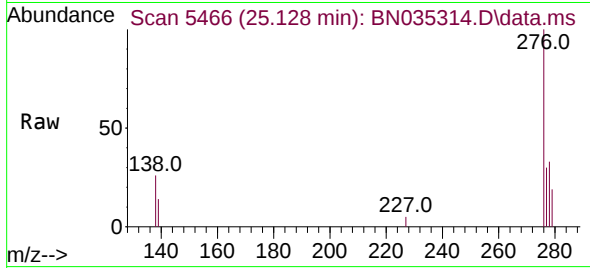
Tgt Ion:276 Resp: 4194
Ion Ratio Lower Upper
276 100
138 21.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.037 ng/ul m
 RT: 25.128 min Scan# 5466
 Delta R.T. -0.010 min
 Lab File: BN035314.D
 Acq: 26 Nov 2024 13:51

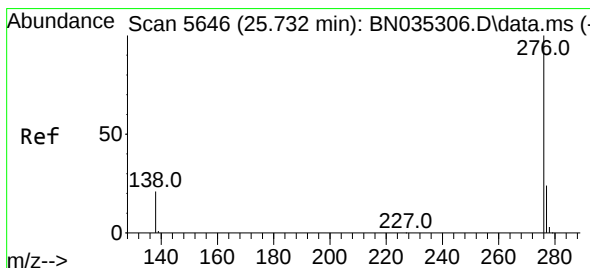
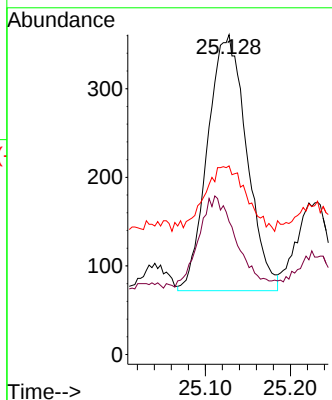
Instrument :
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Tgt Ion:278 Resp: 92
 Ion Ratio Lower Upper
 278 100
 139 41.6 10.7 16.1
 279 59.0 22.8 34.2

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.150 ng/ul
 RT: 25.731 min Scan# 5646
 Delta R.T. -0.003 min
 Lab File: BN035314.D
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Tgt Ion:276 Resp: 3698
 Ion Ratio Lower Upper
 276 100
 138 26.3 13.0 19.6
 277 27.6 20.5 30.7

