

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035311.D
 Acq On : 26 Nov 2024 11:51
 Operator : RC/JU
 Sample : P4872-03DL 5X
 Misc :
 ALS Vial : 11 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 22:13:02 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	5387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	13813	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	7812	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.738	188	14588	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	11419	0.400	ng/ul	# 0.00
23) Perylene-d12	23.074	264	13926	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.980	96	2599	0.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	574	0.028	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	1051	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	2338	0.075	ng/ul	94
12) Fluorene	15.036	166	873	0.031	ng/ul#	96
15) Phenanthrene	16.776	178	19241	0.499	ng/ul	99
16) Anthracene	16.869	178	2915	0.081	ng/ul	94
19) Fluoranthene	18.819	202	26747	0.673	ng/ul#	95
20) Pyrene	19.186	202	21527	0.520	ng/ul#	92
21) Benzo(a)anthracene	20.961	228	8989	0.227	ng/ul	94
22) Chrysene	21.014	228	9544	0.239	ng/ul	97
24) Benzo(b)fluoranthene	22.460	252	11681m	0.254	ng/ul	
25) Benzo(k)fluoranthene	22.498	252	4917m	0.104	ng/ul	
26) Benzo(a)pyrene	22.980	252	8175	0.194	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.114	276	6518	0.115	ng/ul#	75
28) Dibenzo(a,h)anthracene	25.124	278	1667	0.037	ng/ul#	54
29) Benzo(g,h,i)perylene	25.728	276	5916	0.132	ng/ul#	92

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

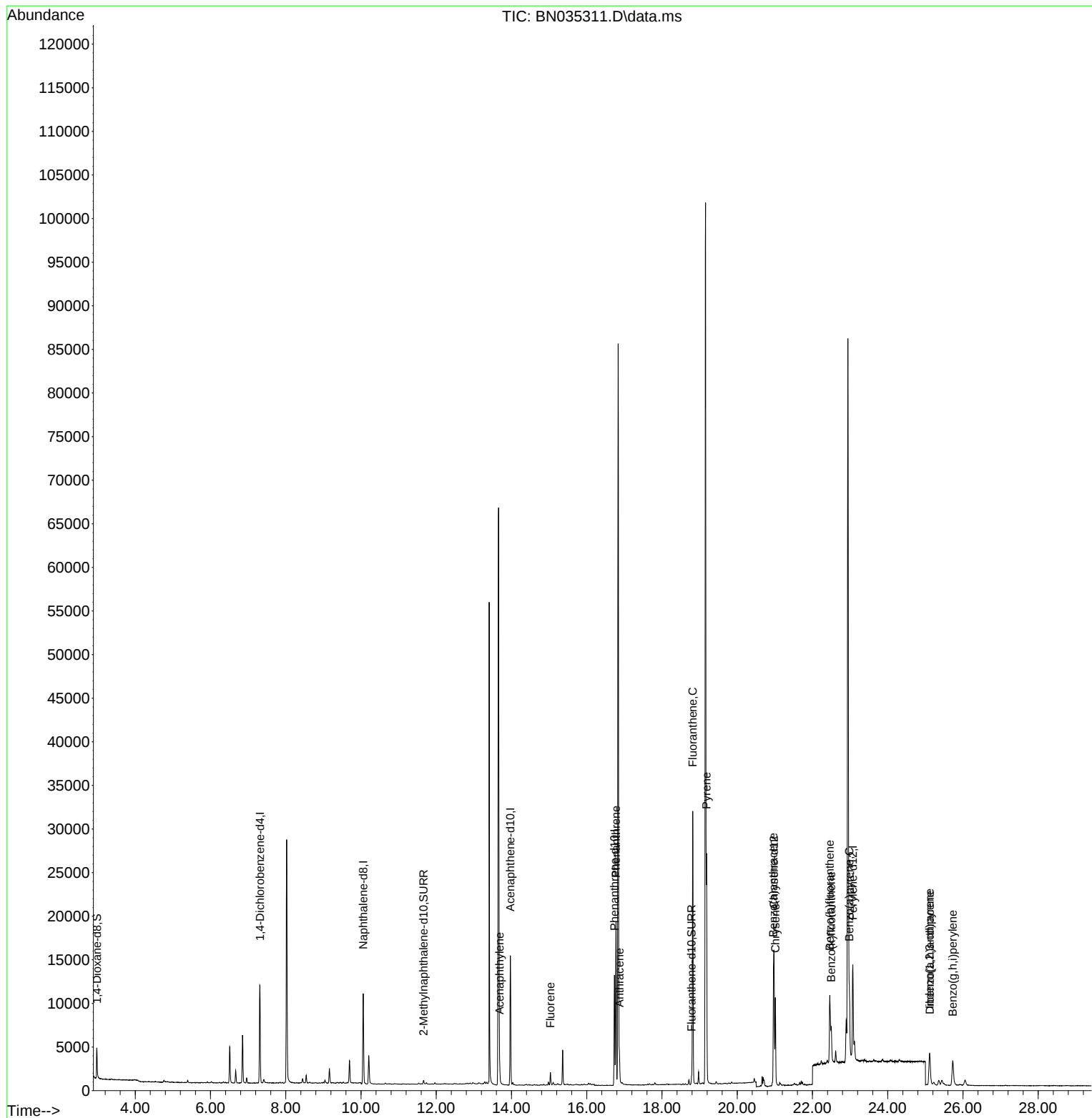
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Data File : BN035311.D
Acq On : 26 Nov 2024 11:51
Operator : RC/JU
Sample : P4872-03DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

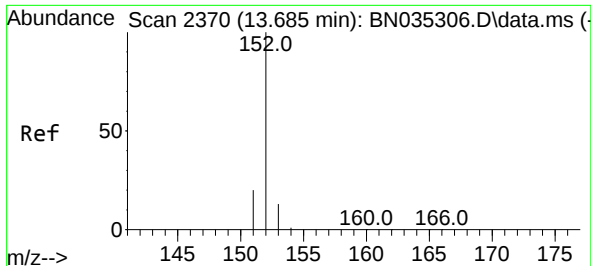
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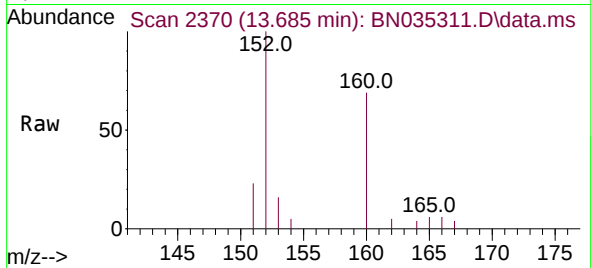
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.075 ng/u1
RT: 13.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

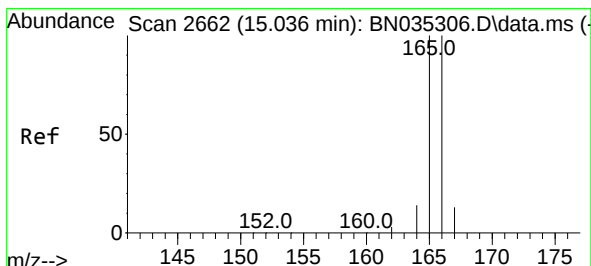
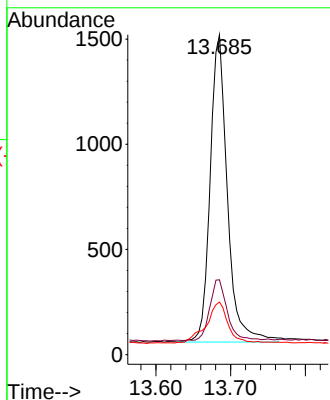
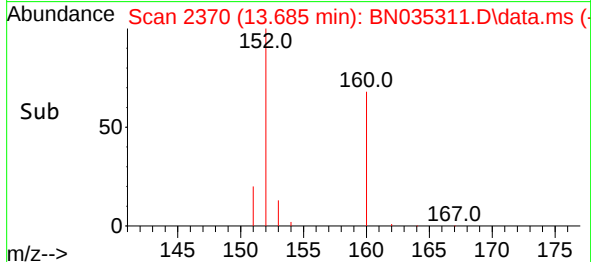
Instrument :
BNA_N
ClientSampleId :
E29X3DL



Tgt Ion:152 Resp: 2338
Ion Ratio Lower Upper
152 100
151 23.4 16.4 24.6
153 16.4 11.1 16.7

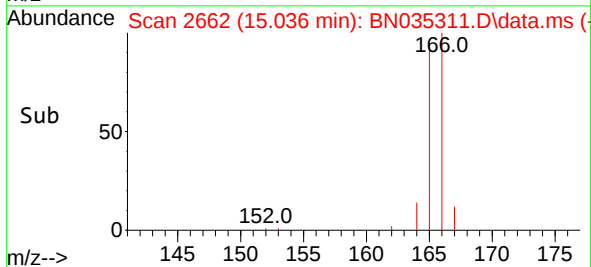
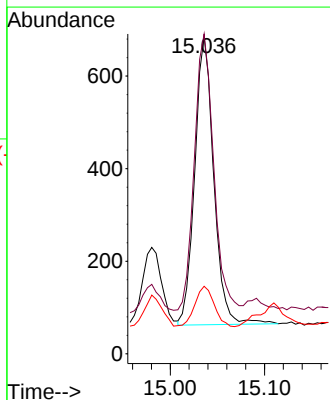
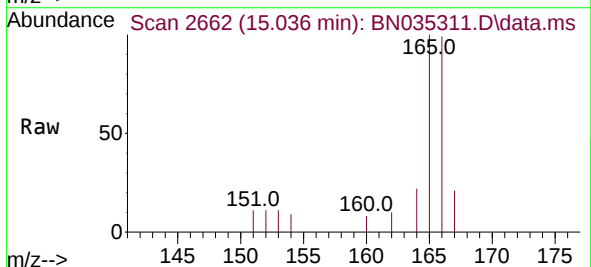
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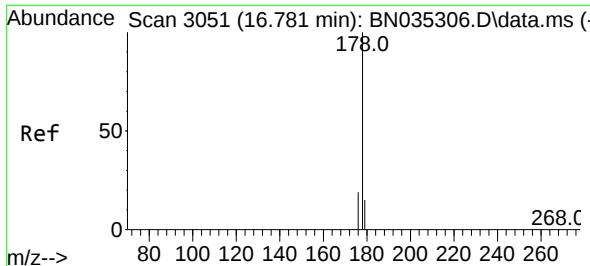
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#12
Fluorene
Concen: 0.031 ng/u1
RT: 15.036 min Scan# 2662
Delta R.T. -0.000 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

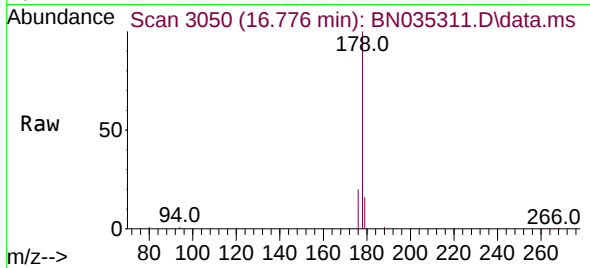
Tgt Ion:166 Resp: 873
Ion Ratio Lower Upper
166 100
165 100.9 78.6 118.0
167 21.3 11.8 17.6#





#15
Phenanthrene
Concen: 0.499 ng/ul
RT: 16.776 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

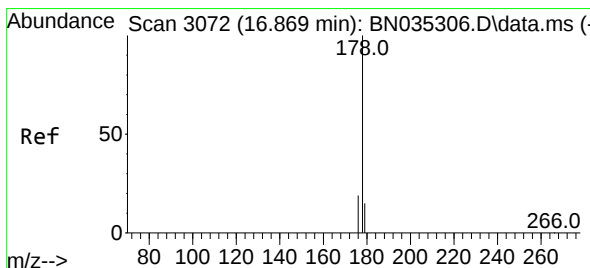
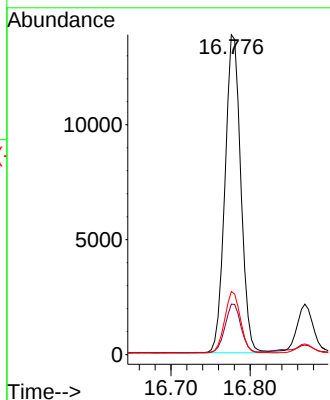
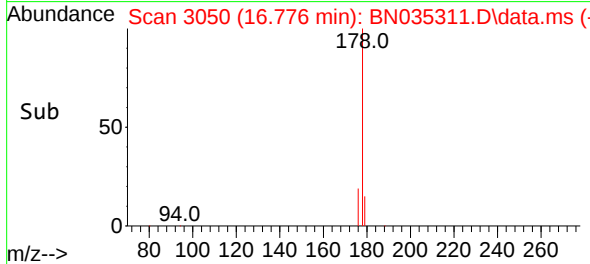
Instrument :
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ClientSampleId :
E29X3DL



Tgt Ion:178 Resp: 1924
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.7 15.6 23.4

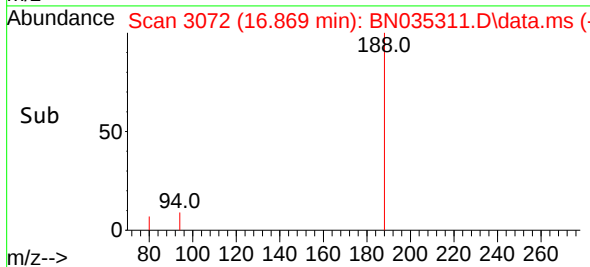
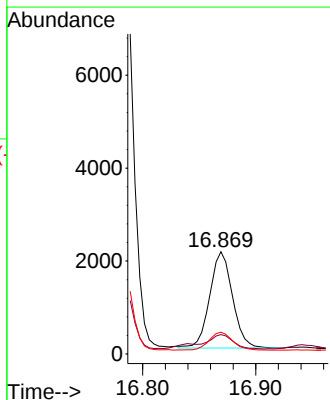
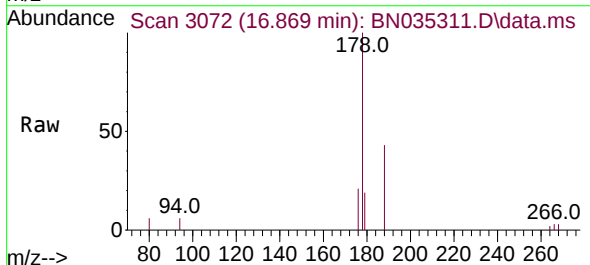
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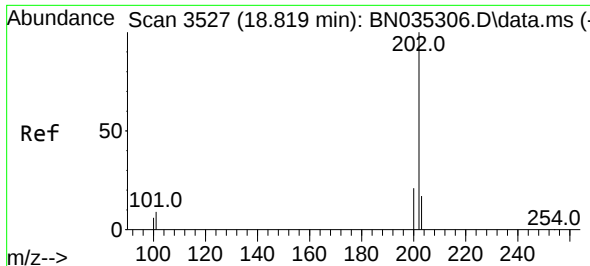
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#16
Anthracene
Concen: 0.081 ng/ul
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

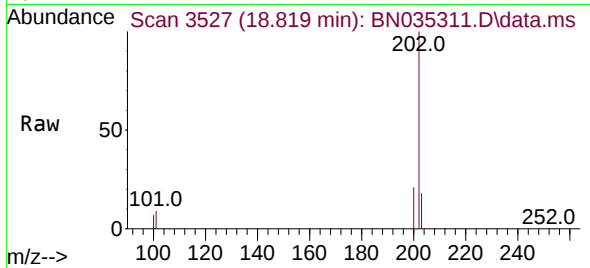
Tgt Ion:178 Resp: 2915
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 21.3 15.4 23.2





#19
Fluoranthene
Concen: 0.673 ng/u1
RT: 18.819 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

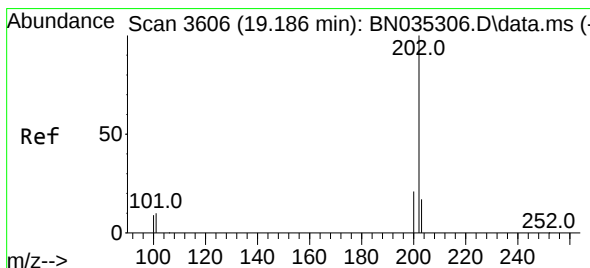
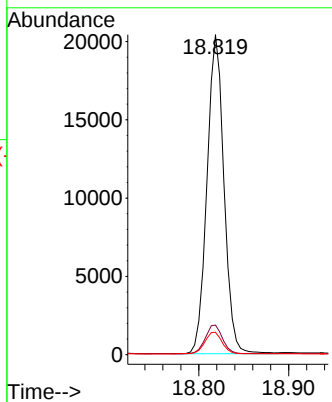
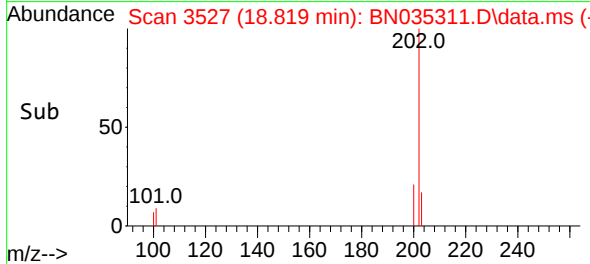
Instrument :
BNA_N
ClientSampleId :
E29X3DL



Tgt Ion:202 Resp: 26745
Ion Ratio Lower Upper
202 100
101 9.3 5.8 8.6#
100 7.0 4.5 6.7#

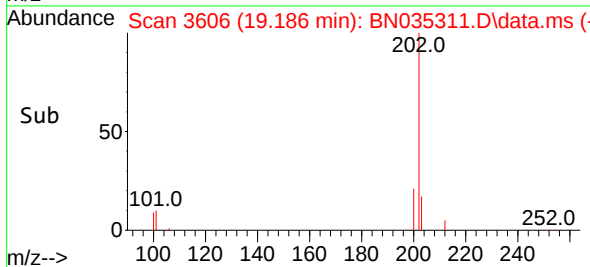
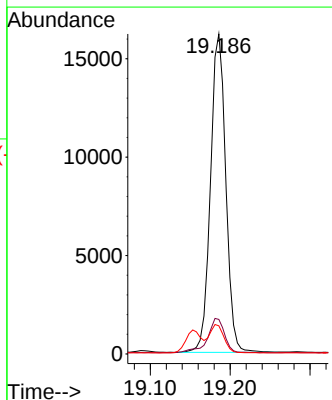
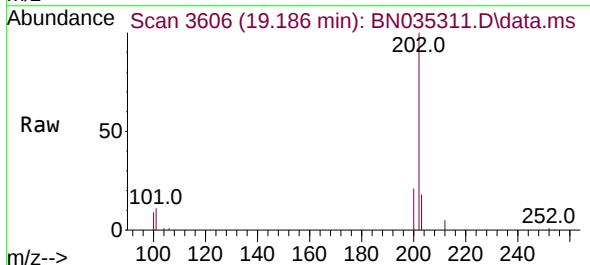
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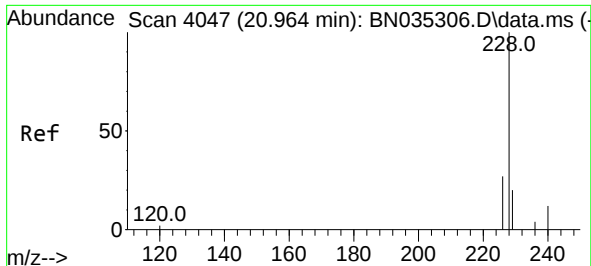
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#20
Pyrene
Concen: 0.520 ng/u1
RT: 19.186 min Scan# 3606
Delta R.T. -0.000 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

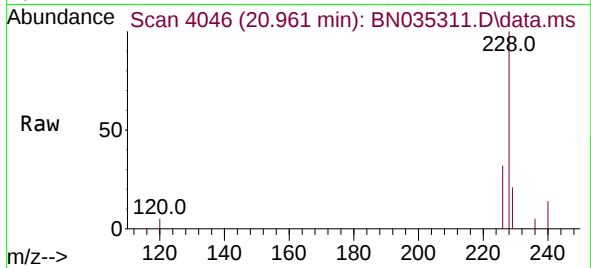
Tgt Ion:202 Resp: 21527
Ion Ratio Lower Upper
202 100
101 10.8 6.2 9.4#
100 8.8 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.227 ng/ul
RT: 20.961 min Scan# 4047
Delta R.T. -0.003 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

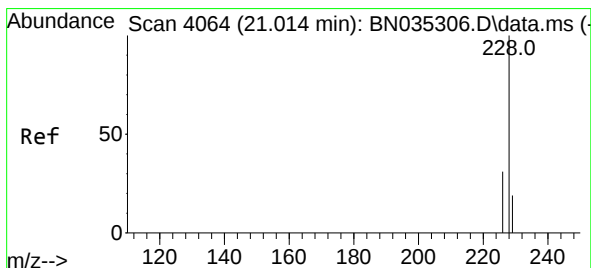
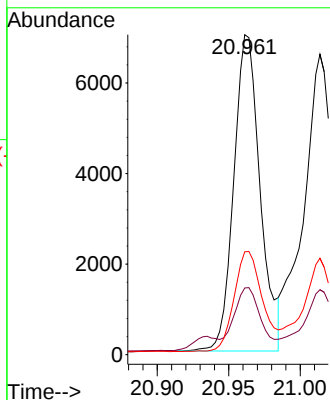
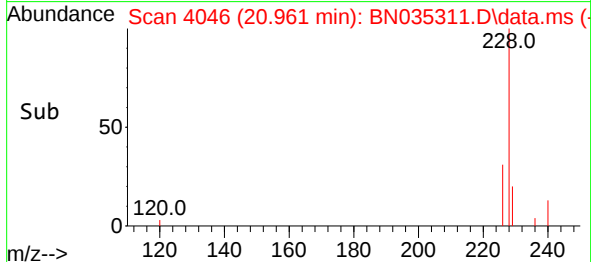
Instrument :
BNA_N
ClientSampleId :
E29X3DL



Tgt Ion:228 Resp: 8989
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 32.1 21.8 32.8

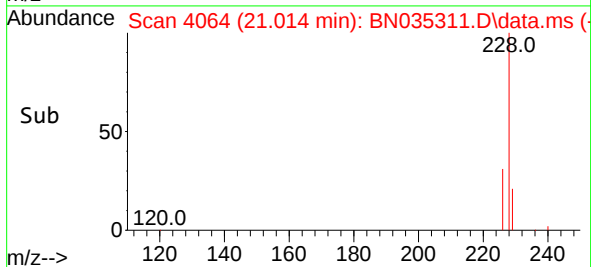
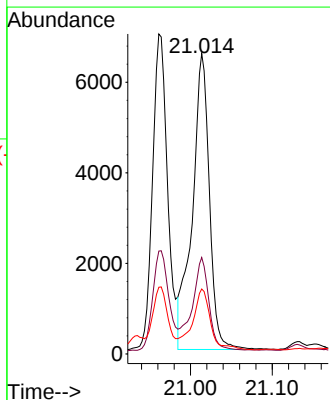
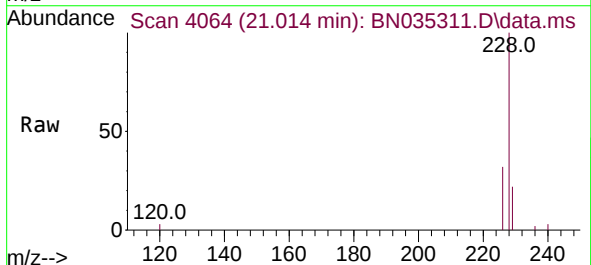
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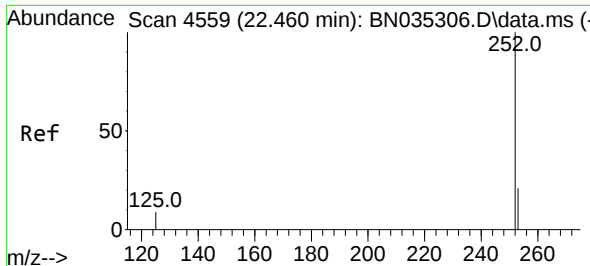
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#22
Chrysene
Concen: 0.239 ng/ul
RT: 21.014 min Scan# 4064
Delta R.T. -0.003 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

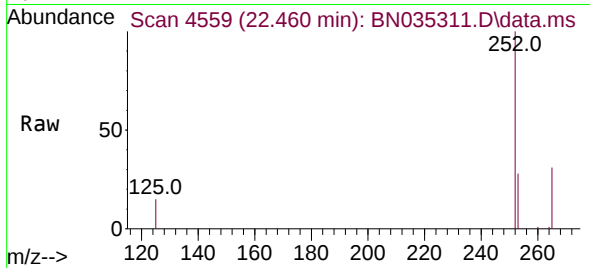
Tgt Ion:228 Resp: 9544
Ion Ratio Lower Upper
228 100
226 32.1 24.7 37.1
229 21.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.254 ng/ul m
RT: 22.460 min Scan# 4559
Delta R.T. -0.003 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

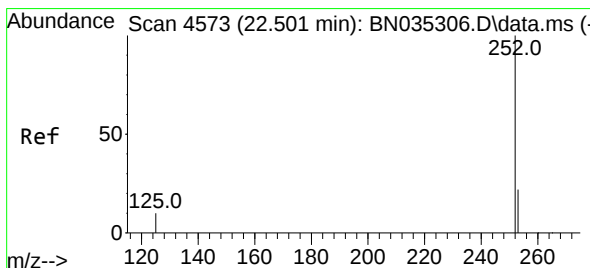
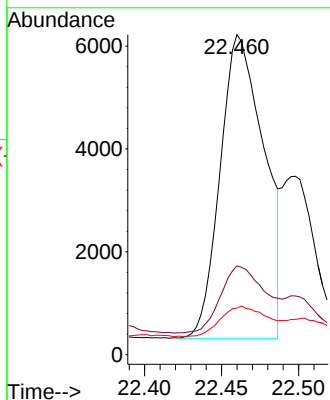
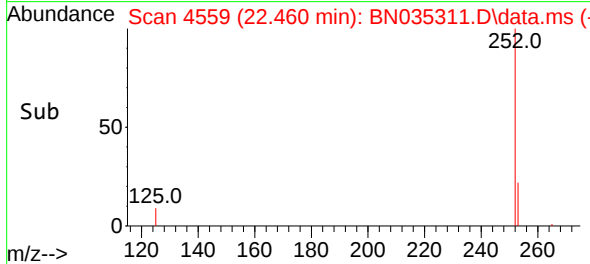
Instrument :
BNA_N
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E29X3DL



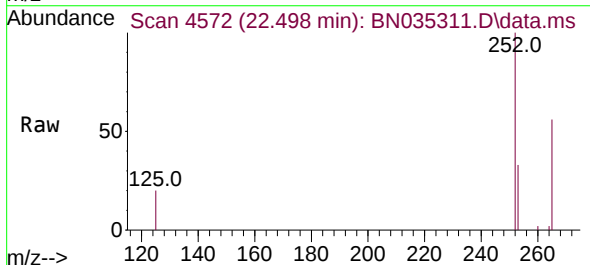
Tgt Ion:252 Resp: 1168
Ion Ratio Lower Upper
252 100
253 27.8 0.0 54.0
125 14.6 0.0 19.4

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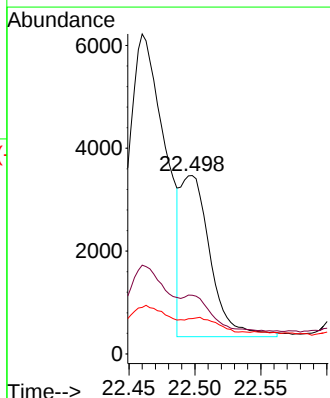
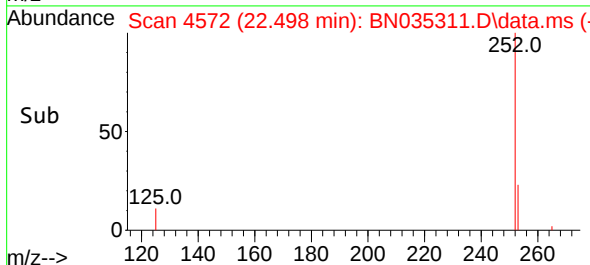
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

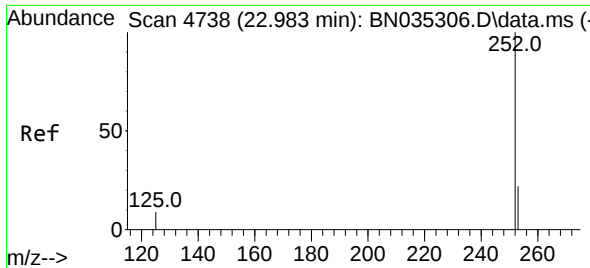


#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 22.498 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51



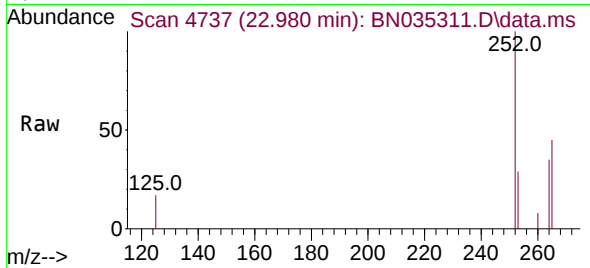
Tgt Ion:252 Resp: 4917
Ion Ratio Lower Upper
252 100
253 32.9 21.8 32.6#
125 19.8 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 22.980 min Scan# 4738
Delta R.T. -0.006 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

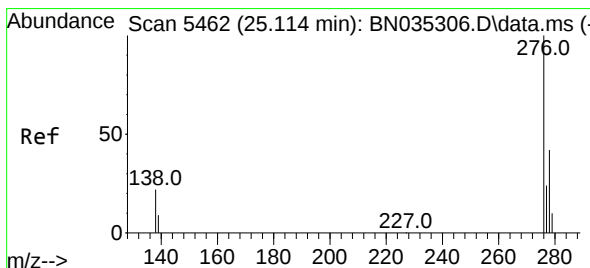
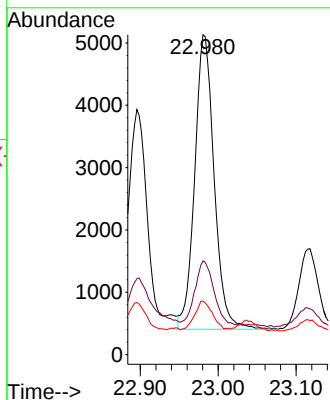
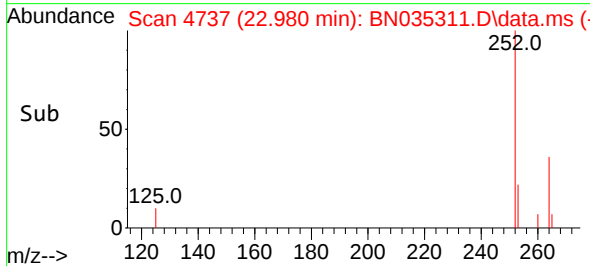
Instrument :
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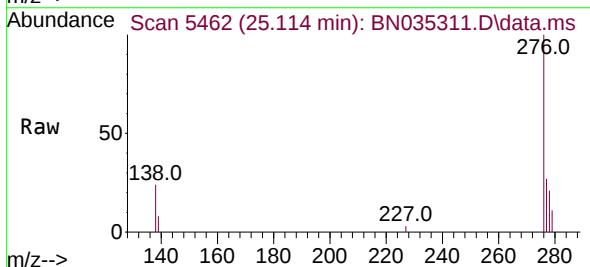
Tgt Ion:252 Resp: 8179
Ion Ratio Lower Upper
252 100
253 29.3 22.9 34.3
125 16.8 9.4 14.2

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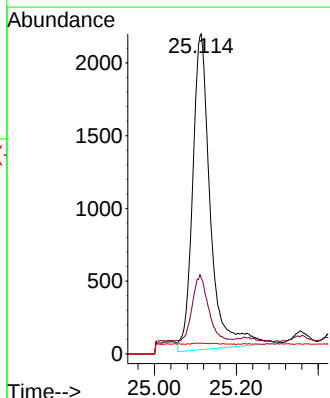
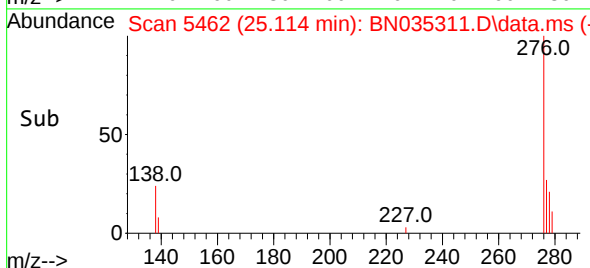
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

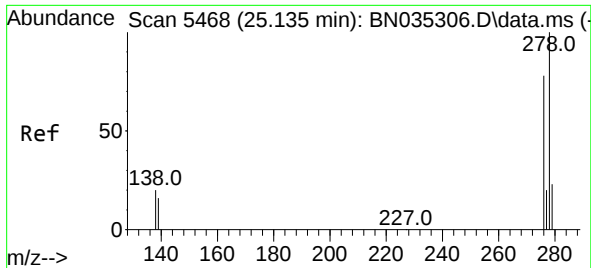


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 25.114 min Scan# 5462
Delta R.T. -0.007 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51



Tgt Ion:276 Resp: 6518
Ion Ratio Lower Upper
276 100
138 28.1 13.8 20.8#
227 19.4 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.124 min Scan# 5465
Delta R.T. -0.014 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

Instrument :

BNA_N

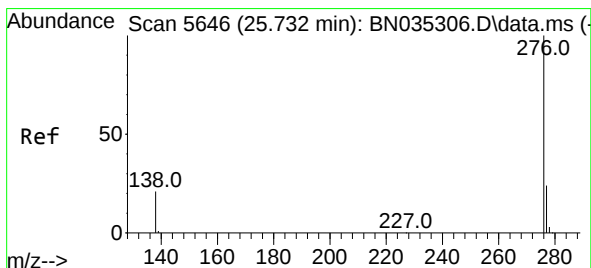
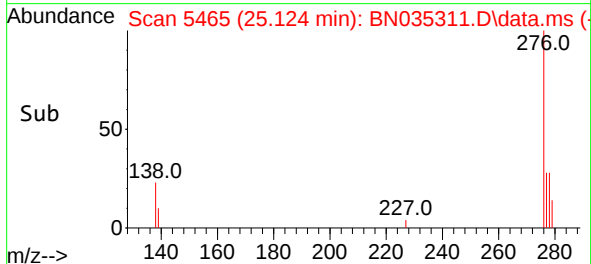
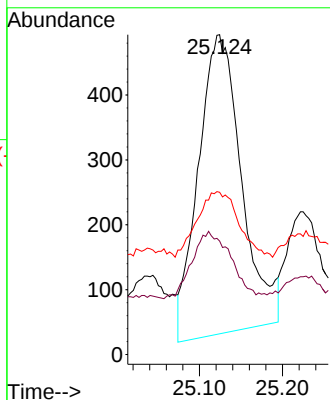
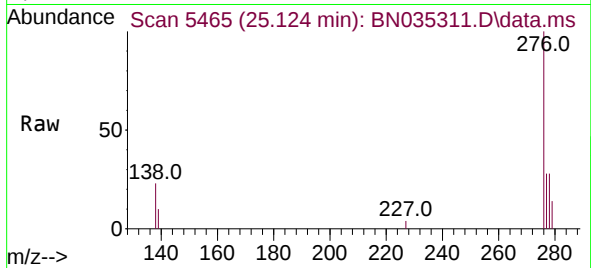
ClientSampleId :

E29X3DL

Tgt Ion:278 Resp: 166
Ion Ratio Lower Upper
278 100
139 35.5 10.7 16.1
279 50.7 22.8 34.2

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



#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 25.728 min Scan# 5645
Delta R.T. -0.007 min
Lab File: BN035311.D
Acq: 26 Nov 2024 11:51

Tgt Ion:276 Resp: 5916
Ion Ratio Lower Upper
276 100
138 24.1 13.0 19.6
277 26.4 20.5 30.7

