

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035310.D
 Acq On : 26 Nov 2024 11:11
 Operator : RC/JU
 Sample : P4872-19DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 22:12:52 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	3999	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	10287	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	5550	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.738	188	10363	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	8961	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264	9252m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	3533	0.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	824	0.055	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	1656	0.067	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	3997	0.182	ng/ul	97
11) Acenaphthene	14.032	153	355	0.021	ng/ul#	92
12) Fluorene	15.036	166	2200	0.111	ng/ul	98
15) Phenanthrene	16.776	178	27141	0.991	ng/ul	99
16) Anthracene	16.869	178	6425	0.253	ng/ul	98
19) Fluoranthene	18.819	202	54258	1.739	ng/ul#	95
20) Pyrene	19.186	202	44718	1.377	ng/ul#	94
21) Benzo(a)anthracene	20.961	228	22861m	0.735	ng/ul	
22) Chrysene	21.014	228	20919	0.669	ng/ul	98
24) Benzo(b)fluoranthene	22.460	252	25535m	0.835	ng/ul	
25) Benzo(k)fluoranthene	22.495	252	10323m	0.327	ng/ul	
26) Benzo(a)pyrene	22.980	252	18211	0.652	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.108	276	11765	0.312	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.121	278	3051	0.103	ng/ul#	74
29) Benzo(g,h,i)perylene	25.728	276	10205	0.343	ng/ul#	94

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

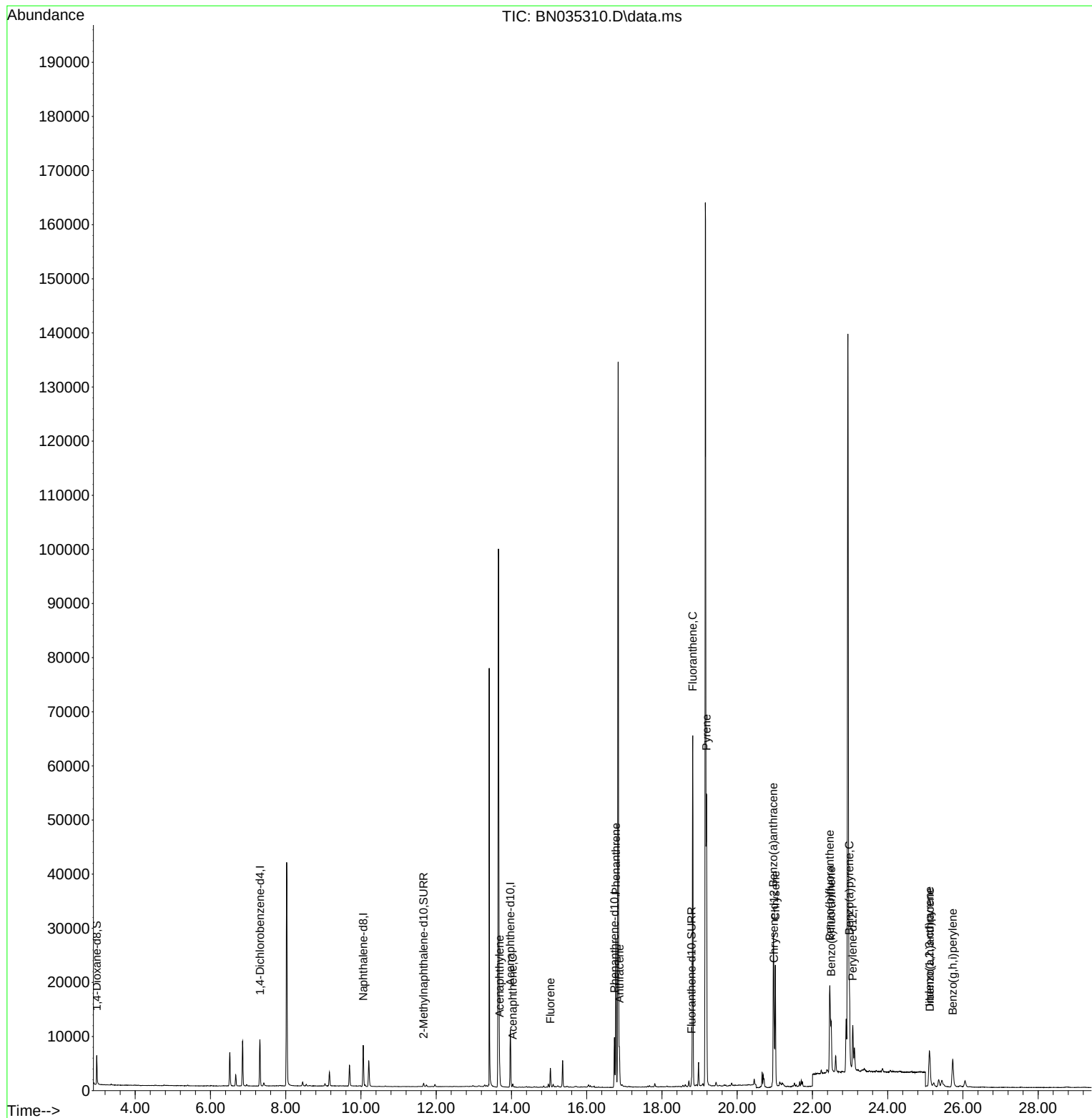
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN11624\
Data File : BN035310.D
Acq On : 26 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

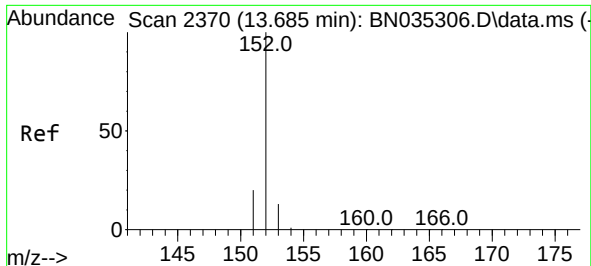
Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual Integrations
APPROVED

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

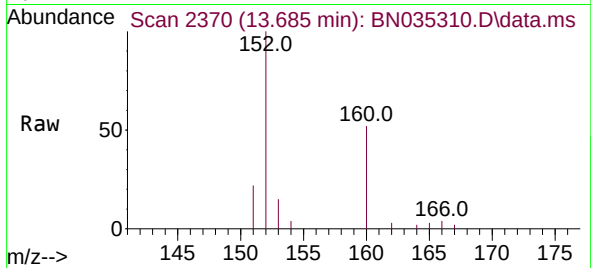
Quant Time: Nov 26 22:12:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 13.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

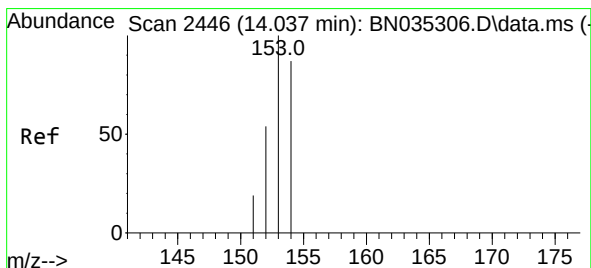
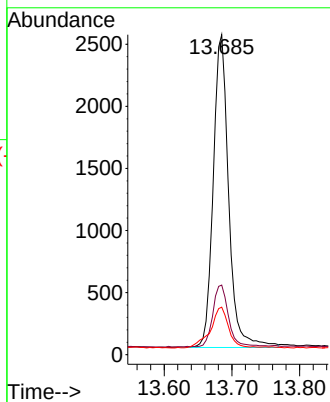
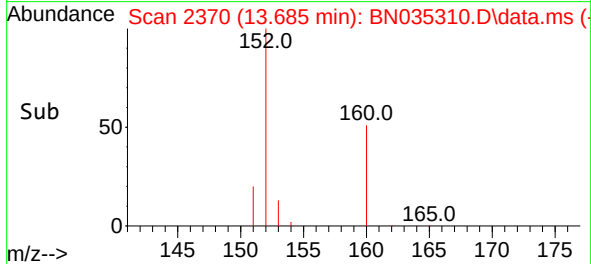
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



Tgt Ion:152 Resp: 399
Ion Ratio Lower Upper
152 100
151 21.8 16.4 24.6
153 14.9 11.1 16.7

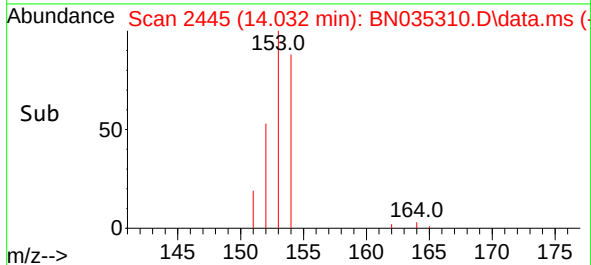
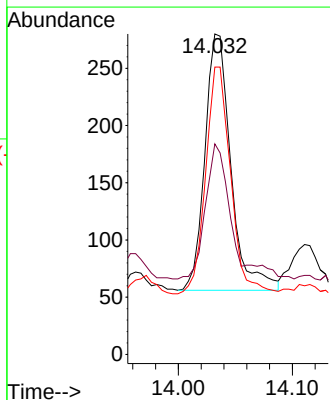
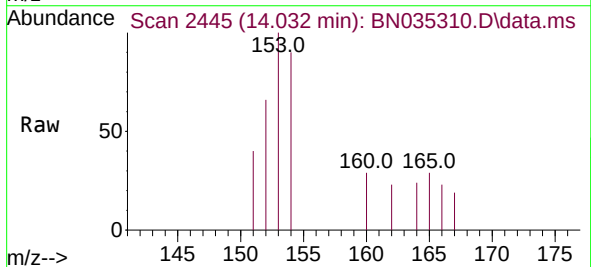
Manual Integrations
APPROVED

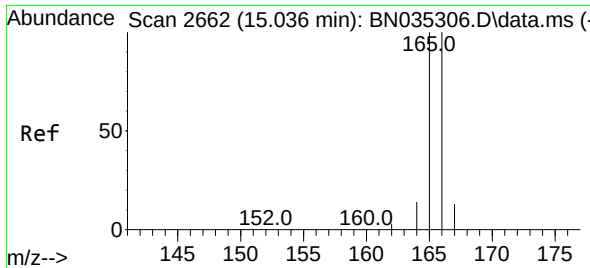
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.032 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

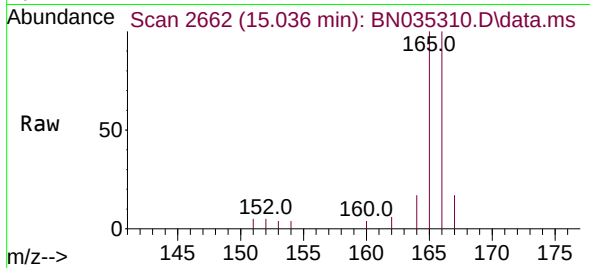
Tgt Ion:153 Resp: 355
Ion Ratio Lower Upper
153 100
152 65.7 41.4 62.0#
154 89.6 71.2 106.8





#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.036 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

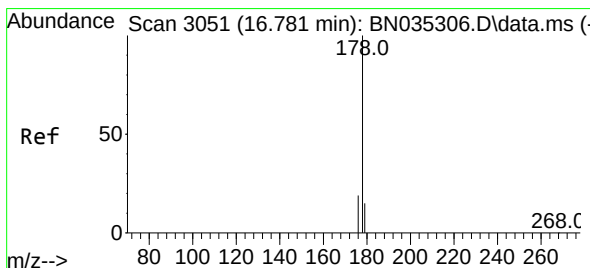
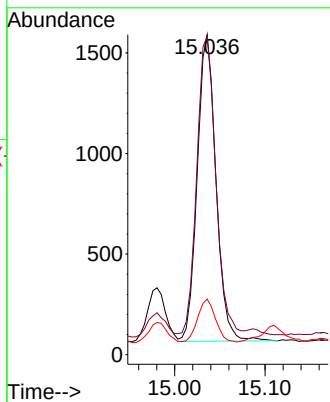
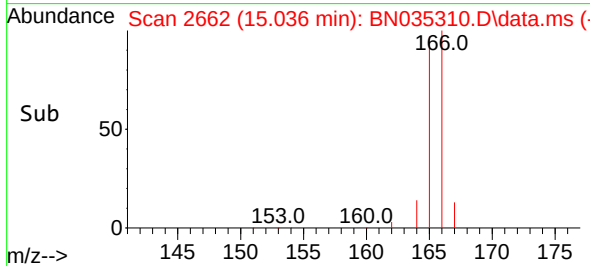
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



Tgt Ion:166 Resp: 2200
Ion Ratio Lower Upper
166 100
165 99.6 78.6 118.0
167 17.4 11.8 17.6

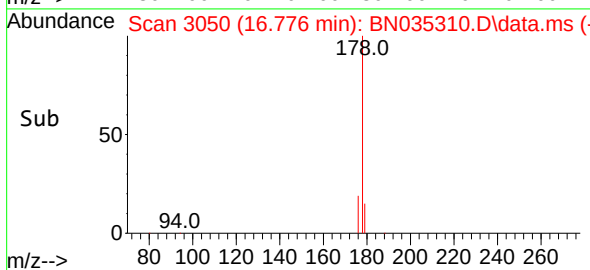
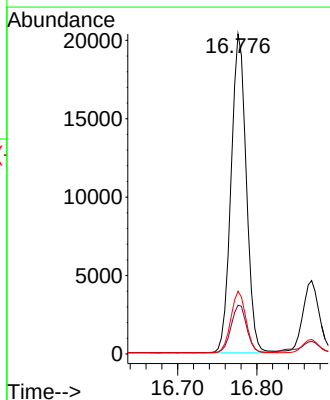
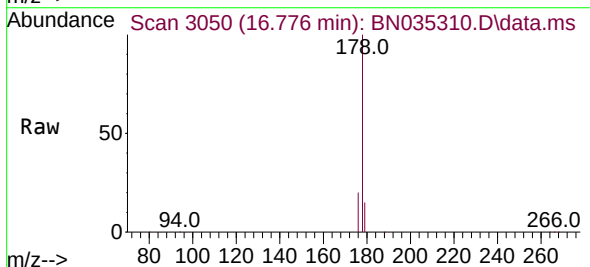
Manual Integrations
APPROVED

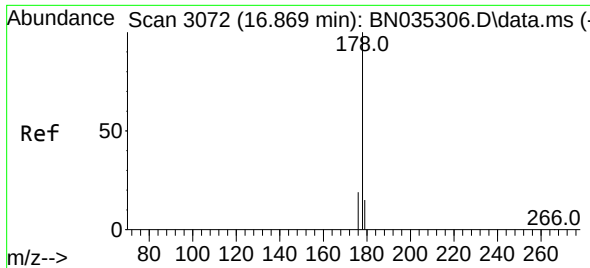
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#15
Phenanthrene
Concen: 0.991 ng/ul
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

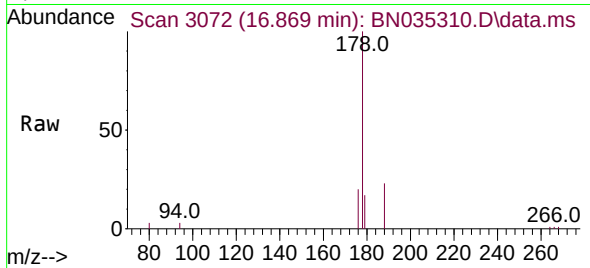
Tgt Ion:178 Resp: 27141
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.6 15.6 23.4





#16
 Anthracene
 Concen: 0.253 ng/ul
 RT: 16.869 min Scan# 3072
 Delta R.T. -0.004 min
 Lab File: BN035310.D
 Acq: 26 Nov 2024 11:11

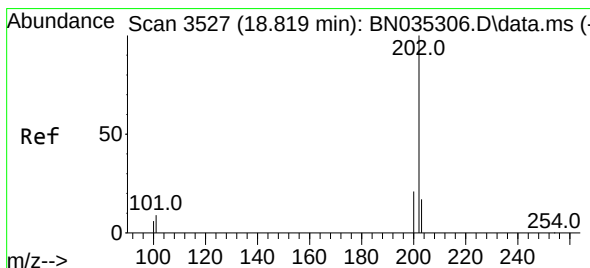
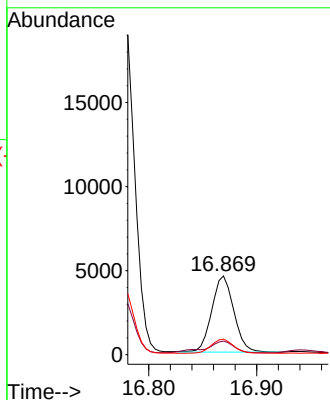
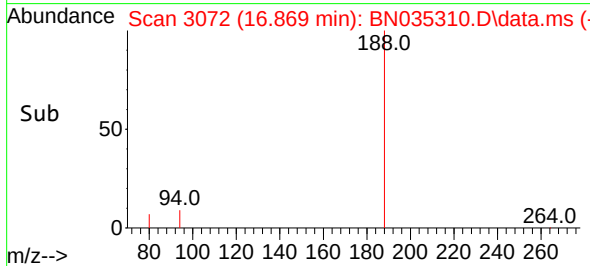
Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL



Tgt Ion:178 Resp: 6425
 Ion Ratio Lower Upper
 178 100
 179 17.2 12.9 19.3
 176 19.8 15.4 23.2

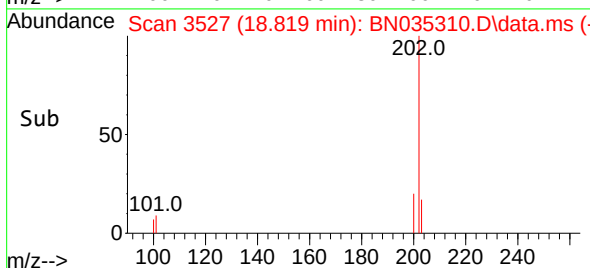
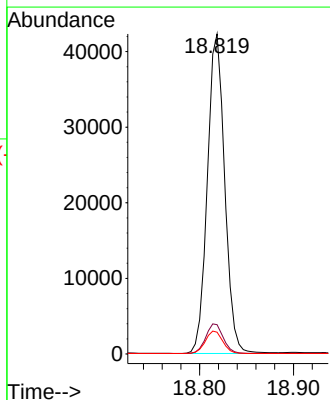
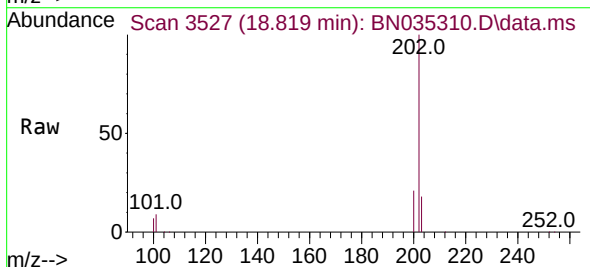
Manual Integrations
 APPROVED

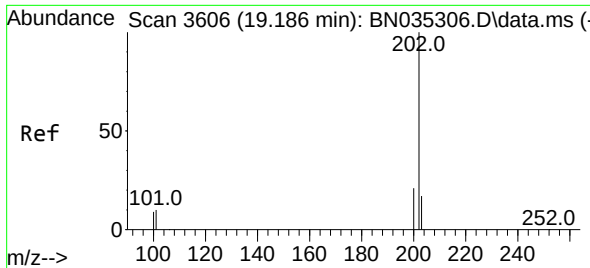
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024



#19
 Fluoranthene
 Concen: 1.739 ng/ul
 RT: 18.819 min Scan# 3527
 Delta R.T. -0.000 min
 Lab File: BN035310.D
 Acq: 26 Nov 2024 11:11

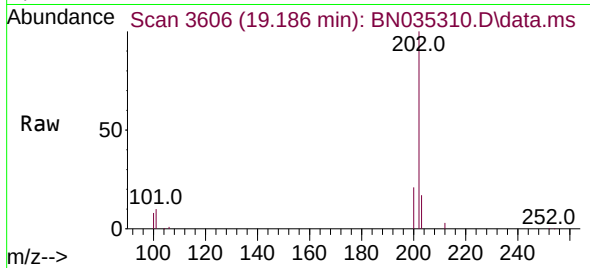
Tgt Ion:202 Resp: 54258
 Ion Ratio Lower Upper
 202 100
 101 9.2 5.8 8.6#
 100 6.8 4.5 6.7#





#20
Pyrene
Concen: 1.377 ng/ul
RT: 19.186 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

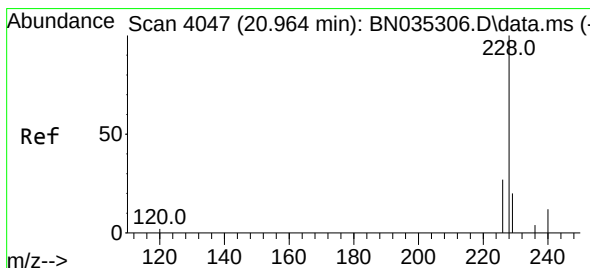
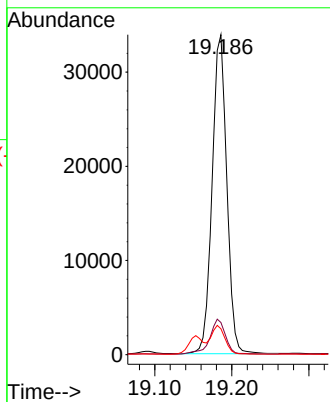
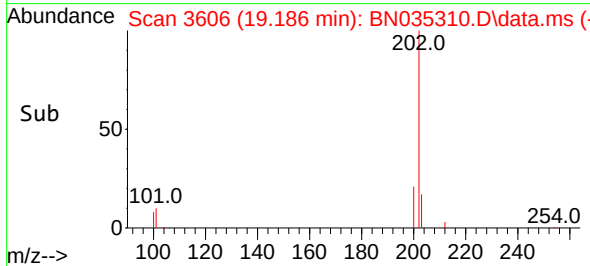
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



Tgt Ion:202 Resp: 44718
Ion Ratio Lower Upper
202 100
101 10.1 6.2 9.4
100 8.1 5.1 7.7

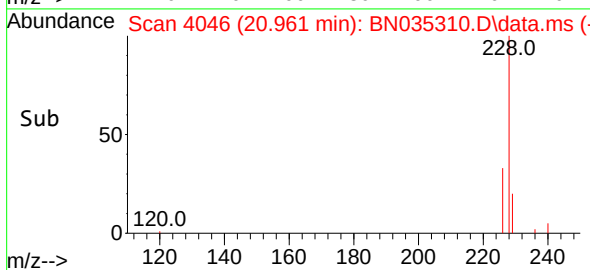
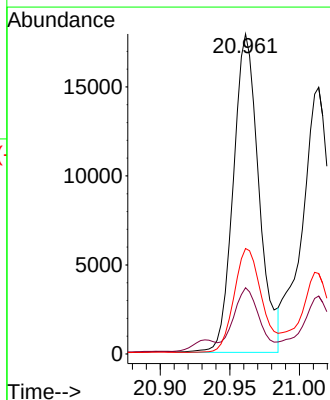
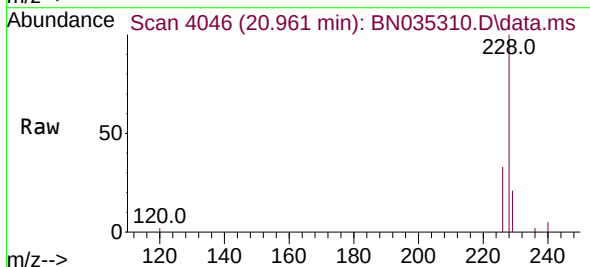
Manual Integrations
APPROVED

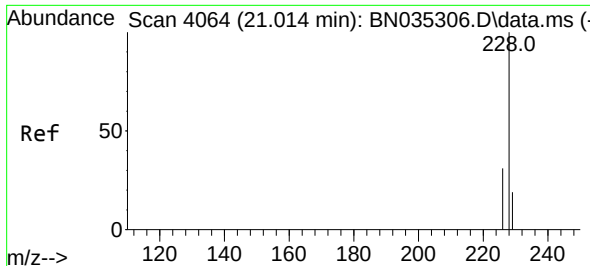
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#21
Benzo(a)anthracene
Concen: 0.735 ng/ul m
RT: 20.961 min Scan# 4046
Delta R.T. -0.003 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

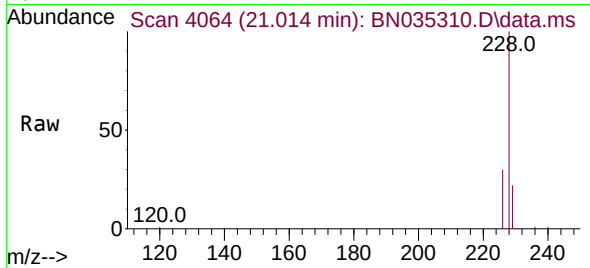
Tgt Ion:228 Resp: 22861
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 33.0 21.8 32.8





#22
Chrysene
Concen: 0.669 ng/ul
RT: 21.014 min Scan# 4064
Delta R.T. -0.003 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

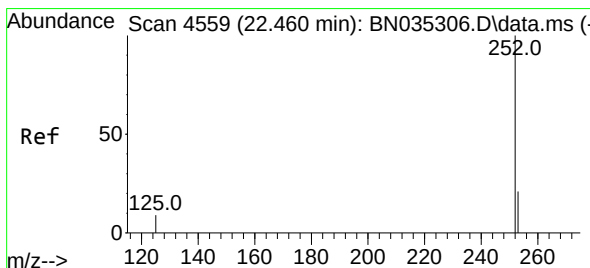
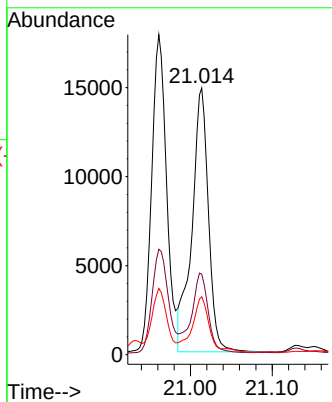
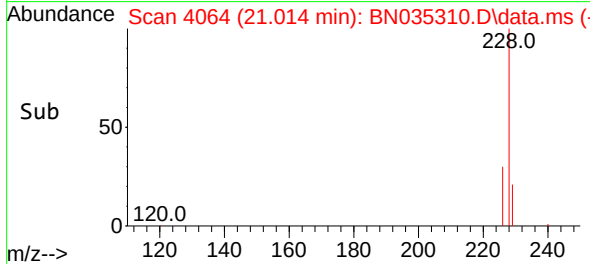
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



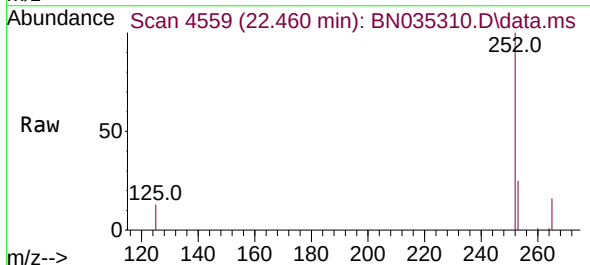
Tgt Ion:228 Resp: 20919
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 21.7 16.0 24.0

Manual Integrations
APPROVED

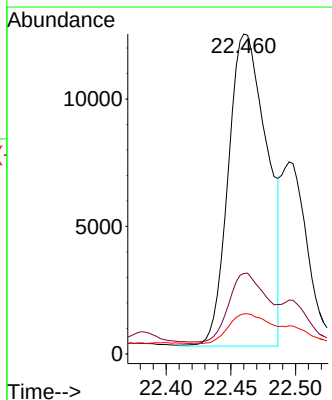
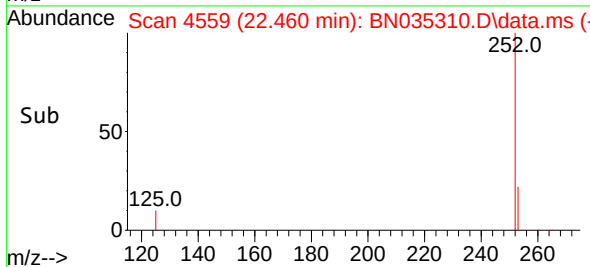
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

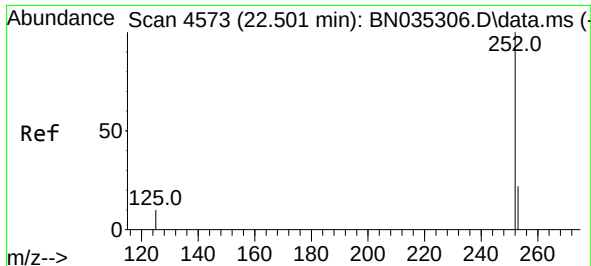


#24
Benzo(b)fluoranthene
Concen: 0.835 ng/ul m
RT: 22.460 min Scan# 4559
Delta R.T. -0.003 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11



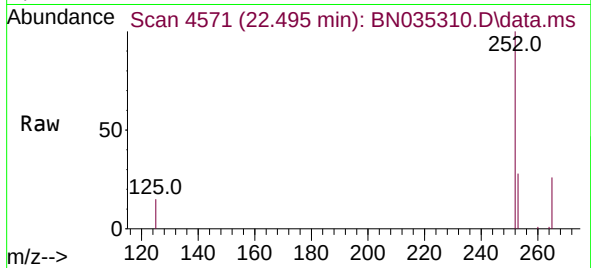
Tgt Ion:252 Resp: 25535
Ion Ratio Lower Upper
252 100
253 25.2 0.0 54.0
125 12.6 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul m
RT: 22.495 min Scan# 4571
Delta R.T. -0.009 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

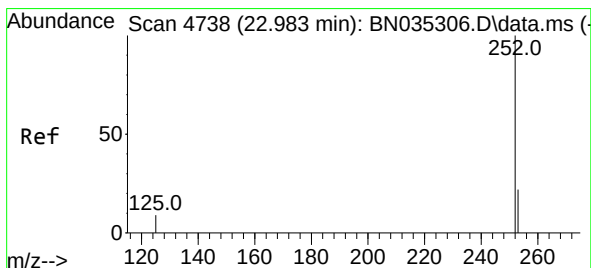
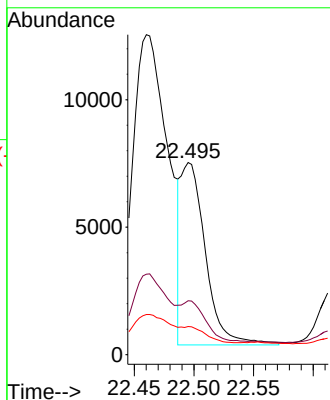
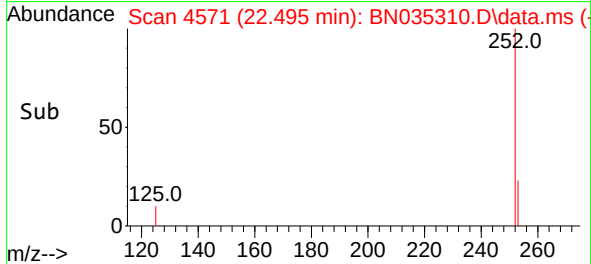
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



Tgt Ion:252 Resp: 1032
Ion Ratio Lower Upper
252 100
253 28.0 21.8 32.6
125 14.6 8.6 12.8

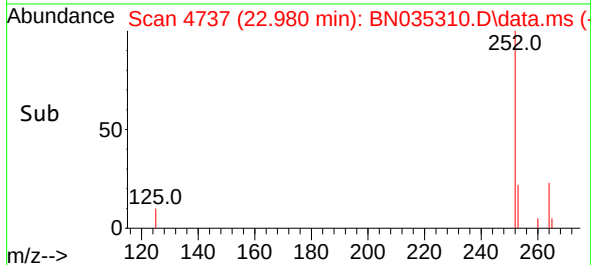
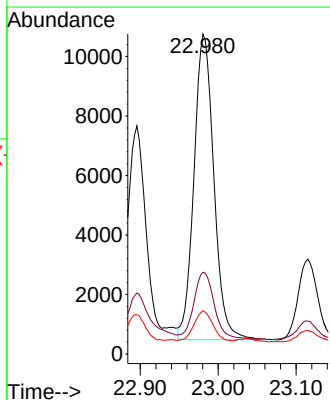
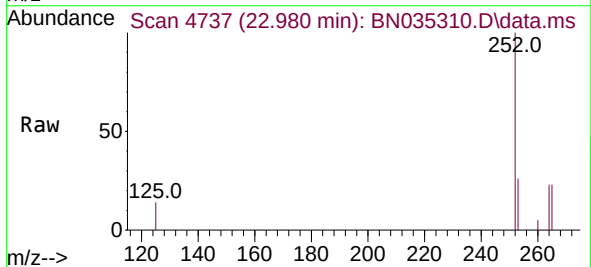
Manual Integrations
APPROVED

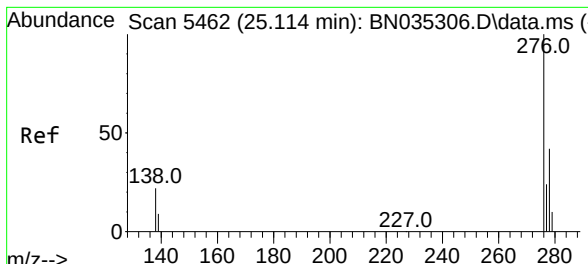
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#26
Benzo(a)pyrene
Concen: 0.652 ng/ul
RT: 22.980 min Scan# 4737
Delta R.T. -0.006 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

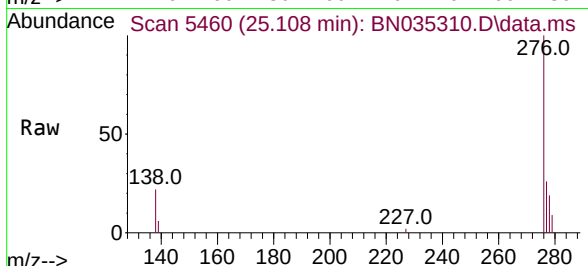
Tgt Ion:252 Resp: 18211
Ion Ratio Lower Upper
252 100
253 25.6 22.9 34.3
125 13.5 9.4 14.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.312 ng/ul
RT: 25.108 min Scan# 5462
Delta R.T. -0.014 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

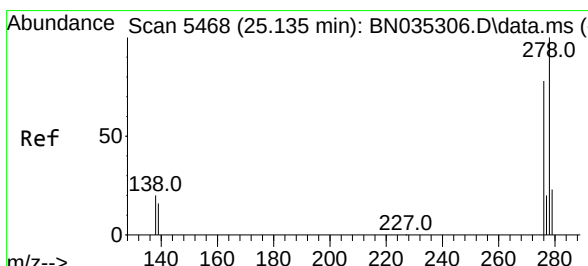
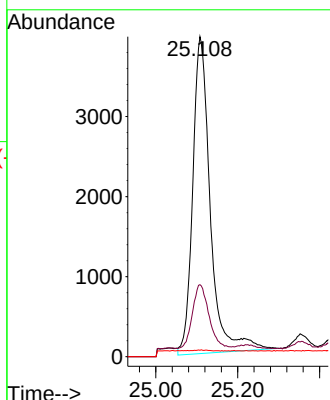
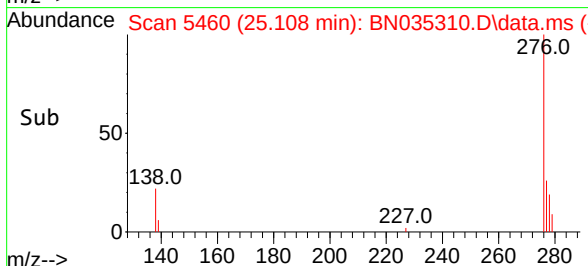
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



Tgt Ion:276 Resp: 1176
Ion Ratio Lower Upper
276 100
138 20.1 13.8 20.8
227 11.4 0.2 0.4

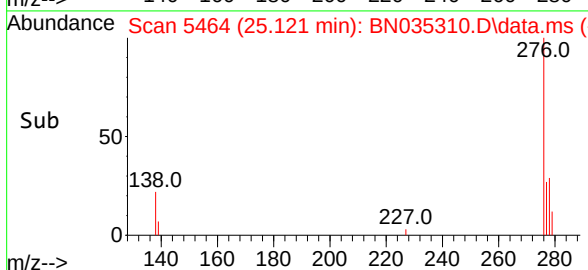
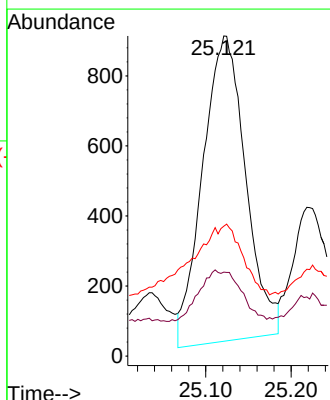
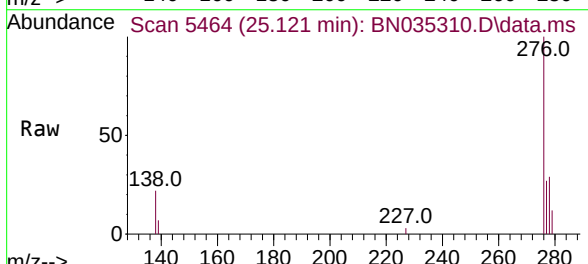
Manual Integrations
APPROVED

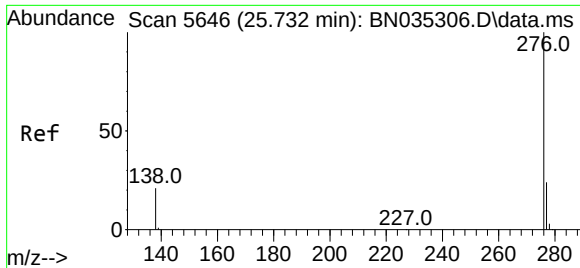
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.121 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BN035310.D
Acq: 26 Nov 2024 11:11

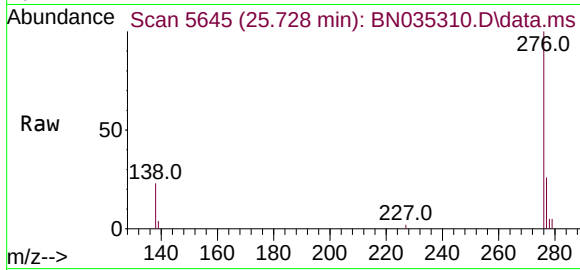
Tgt Ion:278 Resp: 3051
Ion Ratio Lower Upper
278 100
139 26.3 10.7 16.1#
279 40.6 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.343 ng/ul
 RT: 25.728 min Scan# 50
 Delta R.T. -0.007 min
 Lab File: BN035310.D
 Acq: 26 Nov 2024 11:11

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL



Tgt Ion: 276 Resp: 1020

Ion	Ratio	Lower	Upper
276	100		
138	22.8	13.0	19.6
277	25.8	20.5	30.7

Manual Integrations
 APPROVED

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

