

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032291.D
 Acq On : 27 Jun 2024 21:54
 Operator : MA/JU
 Sample : P2909-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B45

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	8917	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	26178	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	13672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	24513m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	18901m	0.400	ng/ul	0.00
23) Perylene-d12	23.436	264	20853m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	34261	3.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	8646	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	14371m	0.253	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.442	128	3757	0.054	ng/ul#	90
7) 2-Methylnaphthalene	12.070	142	1481	0.032	ng/ul	95
8) 1-Methylnaphthalene	12.285	142	1034	0.022	ng/ul	97
10) Acenaphthylene	13.985	152	4714	0.083	ng/ul#	92
11) Acenaphthene	14.327	153	4456	0.101	ng/ul	97
12) Fluorene	15.317	166	4985	0.095	ng/ul#	99
15) Phenanthrene	17.058	178	95698m	1.424	ng/ul	
16) Anthracene	17.151	178	16526m	0.276	ng/ul	
19) Fluoranthene	19.082	202	220783m	3.068	ng/ul	
20) Pyrene	19.445	202	193289m	2.570	ng/ul	
21) Benzo(a)anthracene	21.200	228	95553m	1.401	ng/ul	
22) Chrysene	21.252	228	123718m	1.652	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	161627m	1.784	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	54410m	0.618	ng/ul	
26) Benzo(a)pyrene	23.336	252	97132m	1.541	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.673	276	82664m	0.838	ng/ul	
28) Dibenzo(a,h)anthracene	25.676	278	20855m	0.284	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	84890m	1.080	ng/ul	

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

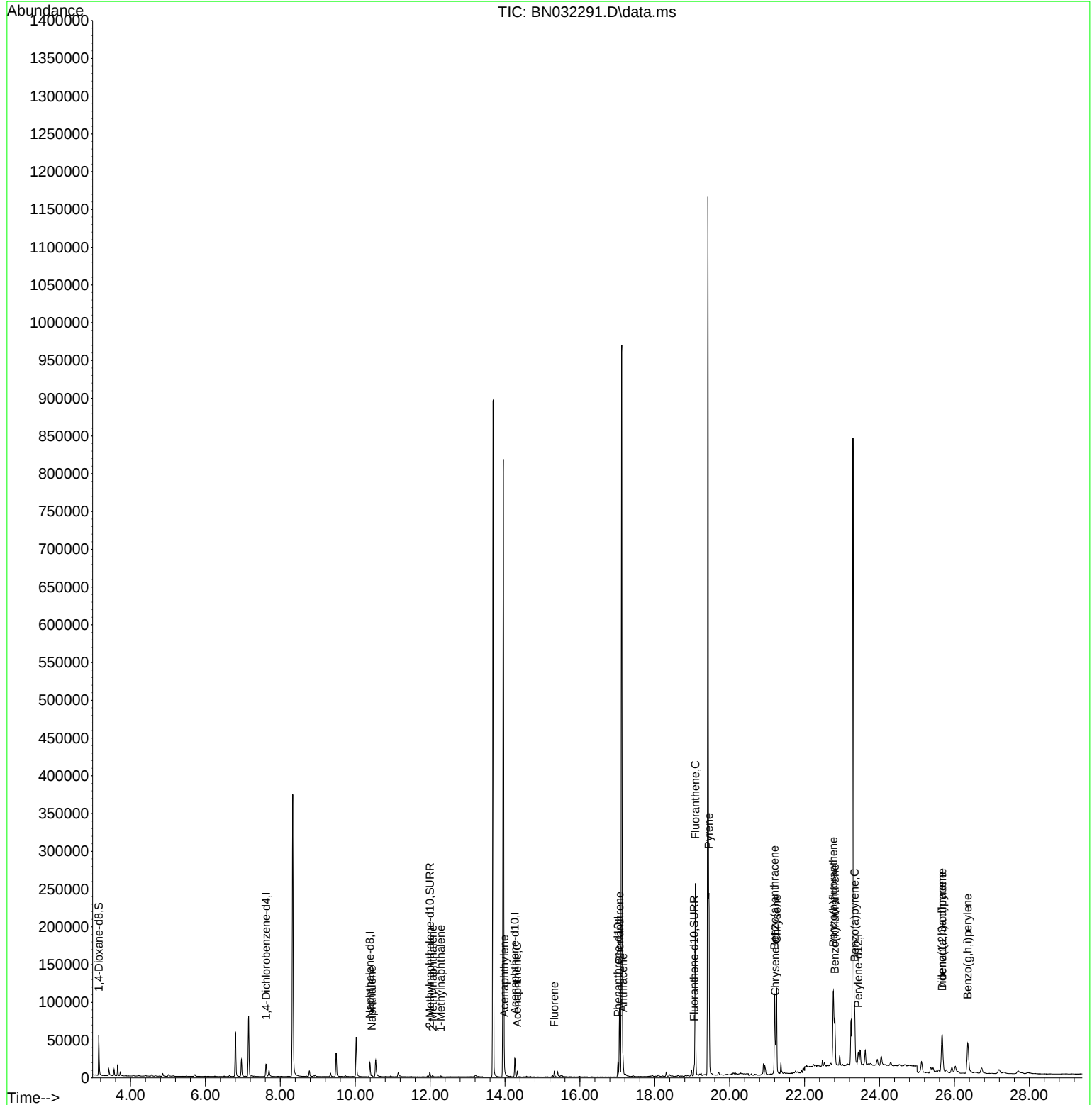
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

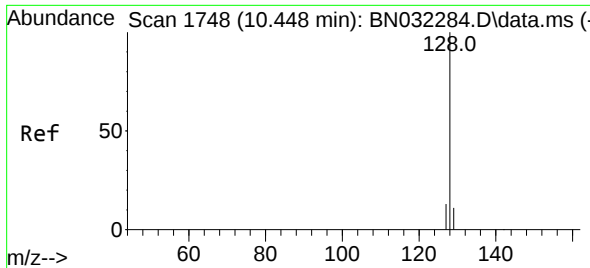
Instrument :
BNA_N
ClientSampleId :
A4B45

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

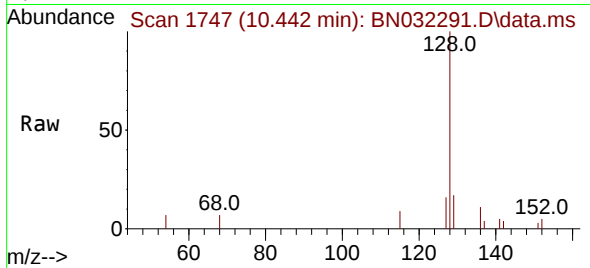
Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

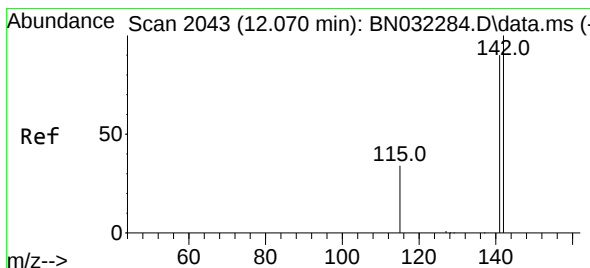
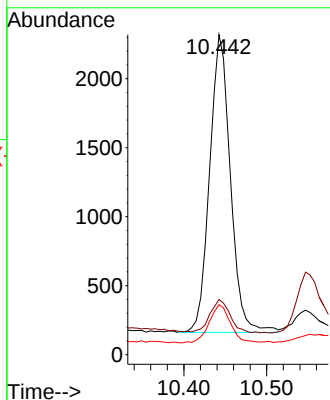
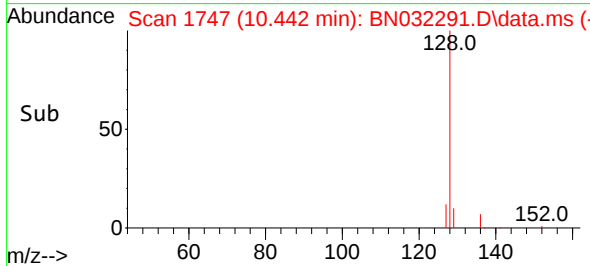
Instrument :
BNA_N
ClientSampleId :
A4B45



Tgt Ion:128 Resp: 375
Ion Ratio Lower Upper
128 100
129 17.2 9.2 13.8
127 15.7 10.8 16.2

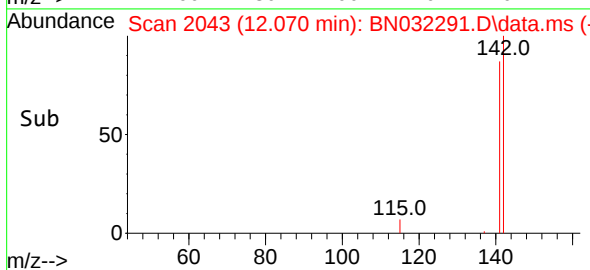
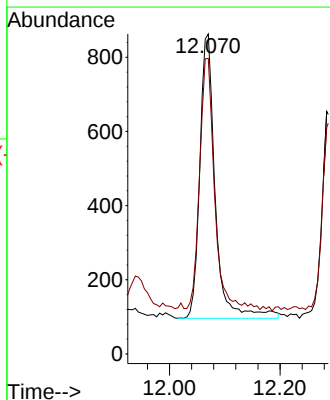
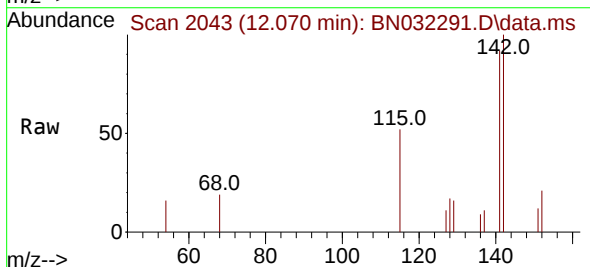
Manual Integrations
APPROVED

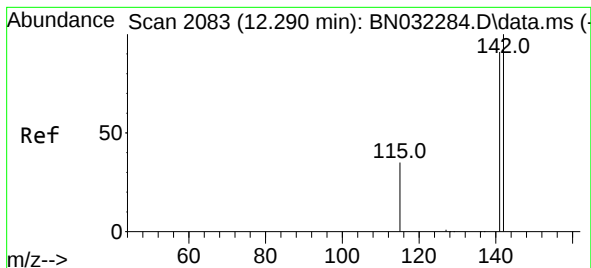
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Tgt Ion:142 Resp: 1481
Ion Ratio Lower Upper
142 100
141 85.4 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.285 min Scan# 2082

Delta R.T. -0.011 min

Lab File: BN032291.D

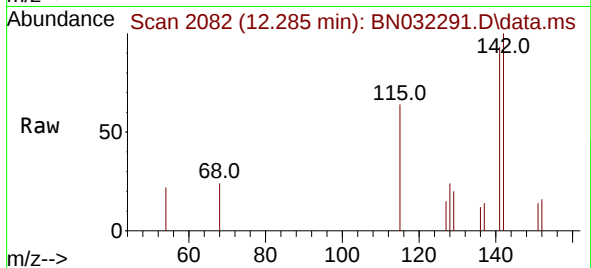
Acq: 27 Jun 2024 21:54

Instrument :

BNA_N

ClientSampleId :

A4B45



Tgt Ion:142 Resp: 1034

Ion Ratio Lower Upper

142 100

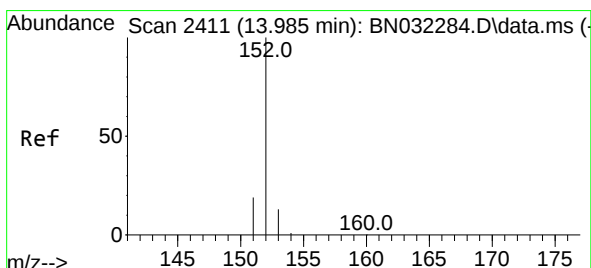
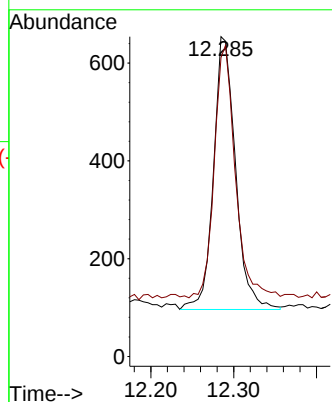
141 88.8 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/28/2024



#10

Acenaphthylene

Concen: 0.083 ng/ul

RT: 13.985 min Scan# 2411

Delta R.T. -0.005 min

Lab File: BN032291.D

Acq: 27 Jun 2024 21:54

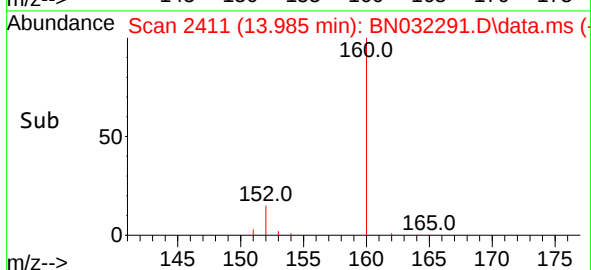
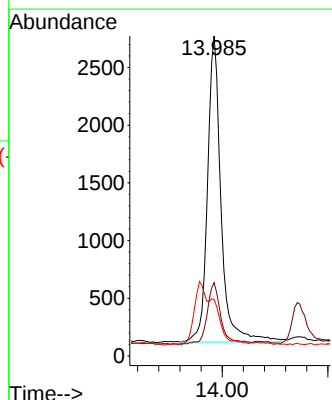
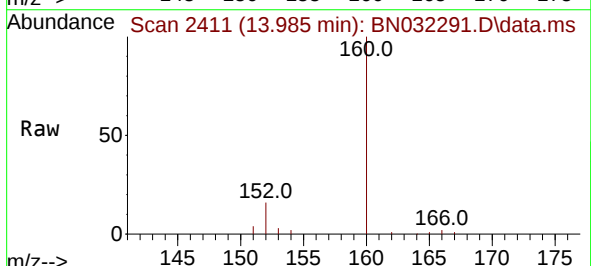
Tgt Ion:152 Resp: 4714

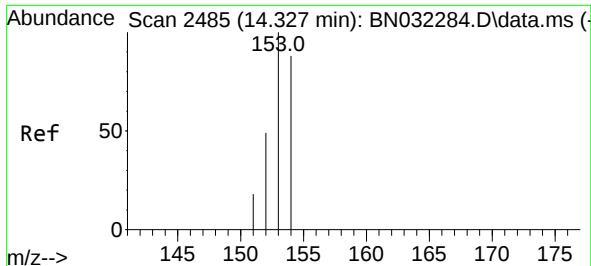
Ion Ratio Lower Upper

152 100

151 22.9 15.7 23.5

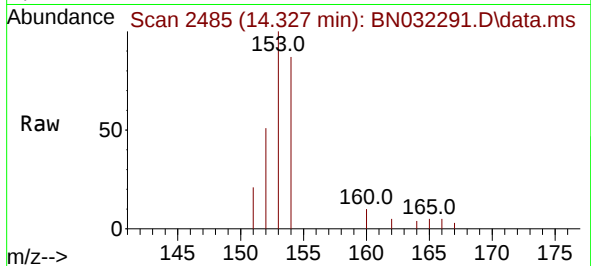
153 17.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.101 ng/u1
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

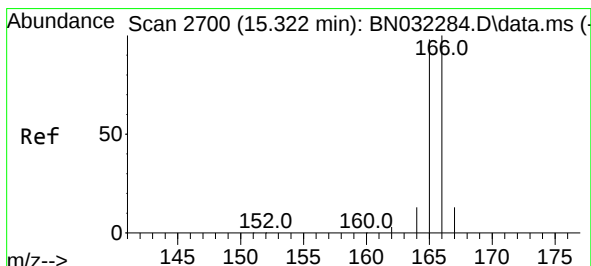
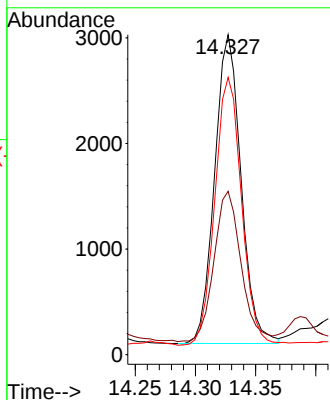
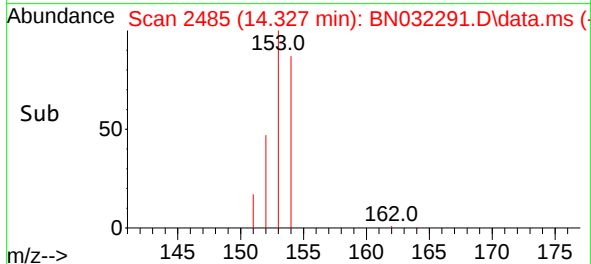
Instrument :
BNA_N
ClientSampleId :
A4B45



Tgt Ion:153 Resp: 4450
Ion Ratio Lower Upper
153 100
152 51.1 39.5 59.3
154 86.7 71.7 107.5

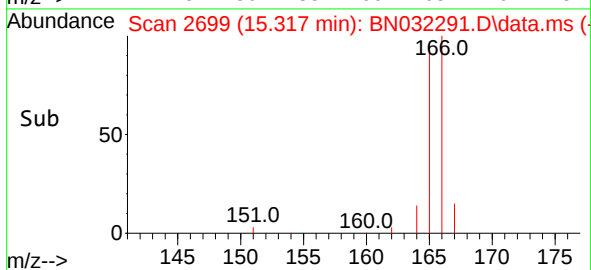
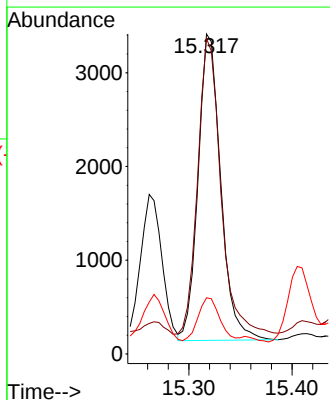
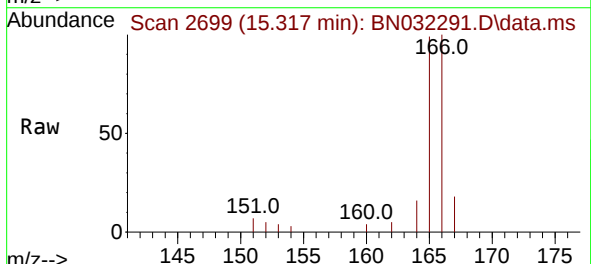
Manual Integrations
APPROVED

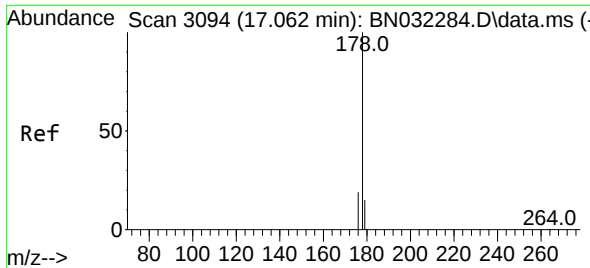
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.095 ng/u1
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Tgt Ion:166 Resp: 4985
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 17.6 11.0 16.6#





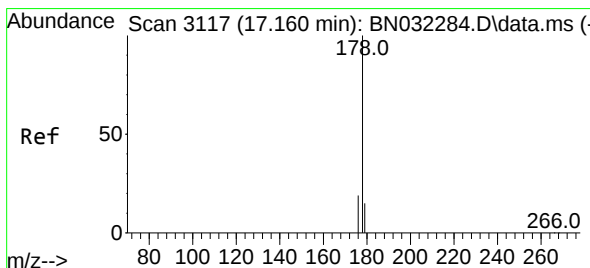
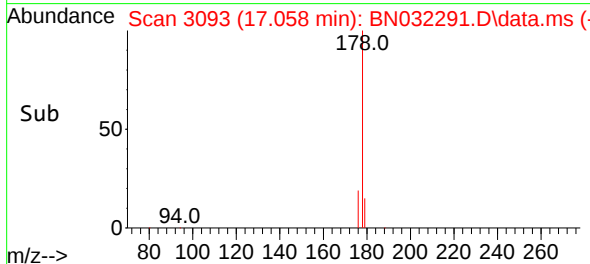
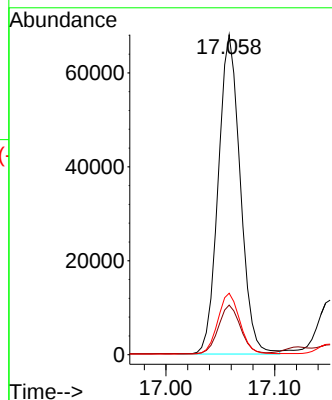
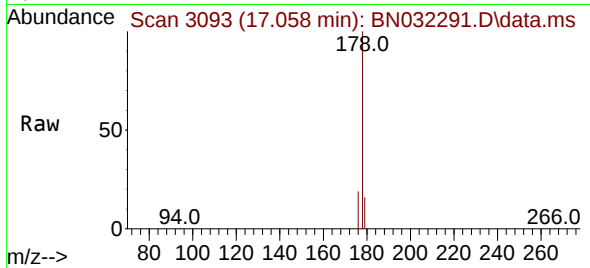
#15
Phenanthrene
Concen: 1.424 ng/ul m
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Instrument :
BNA_N
ClientSampleId :
A4B45

Tgt Ion:178 Resp: 95698
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4

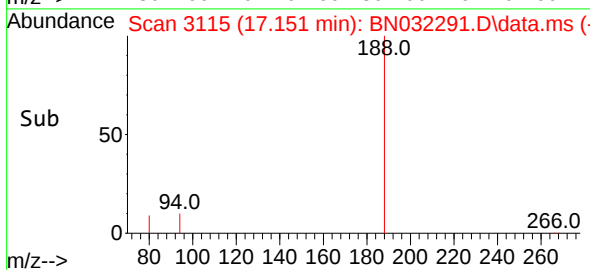
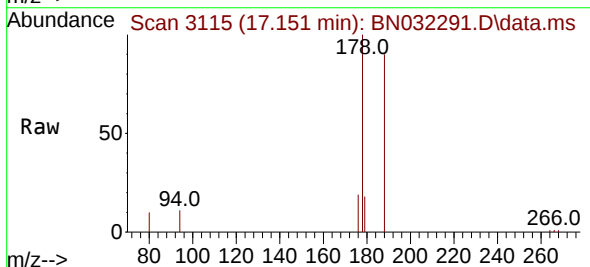
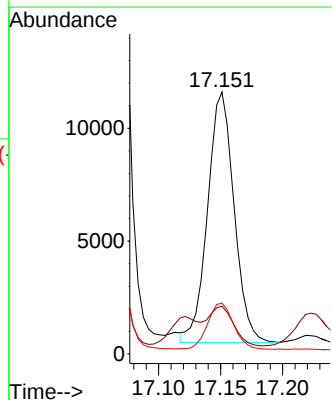
Manual Integrations
APPROVED

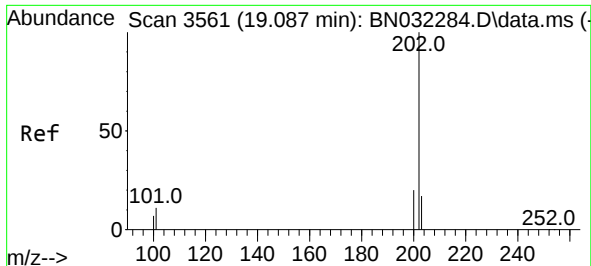
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#16
Anthracene
Concen: 0.276 ng/ul m
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

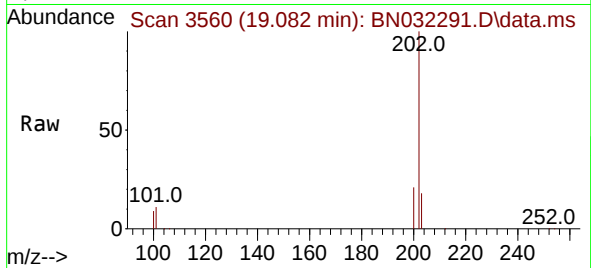
Tgt Ion:178 Resp: 16526
Ion Ratio Lower Upper
178 100
179 18.2 12.5 18.7
176 19.4 15.0 22.6





#19
Fluoranthene
Concen: 3.068 ng/ul m
RT: 19.082 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

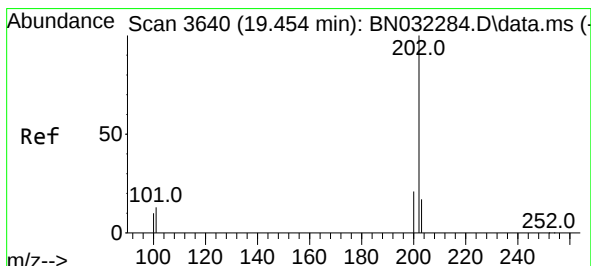
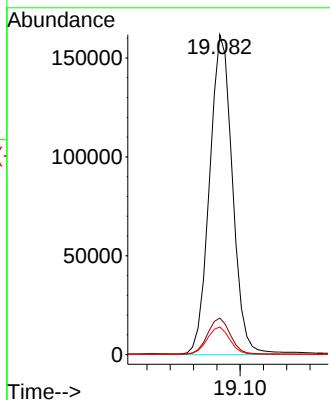
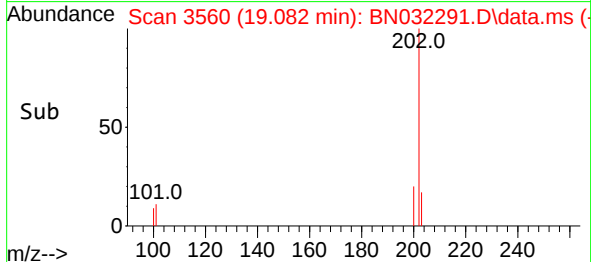
Instrument :
BNA_N
ClientSampleId :
A4B45



Tgt Ion:202 Resp: 22078
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.7 6.4 9.6

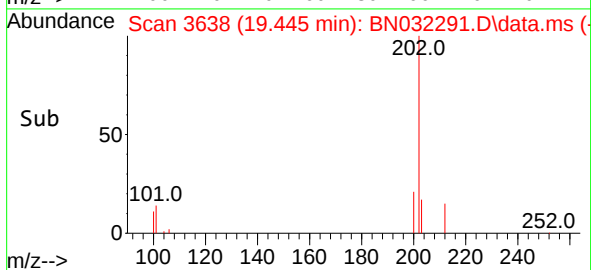
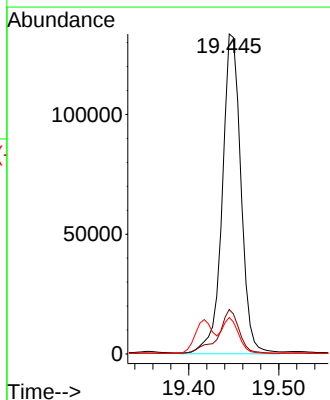
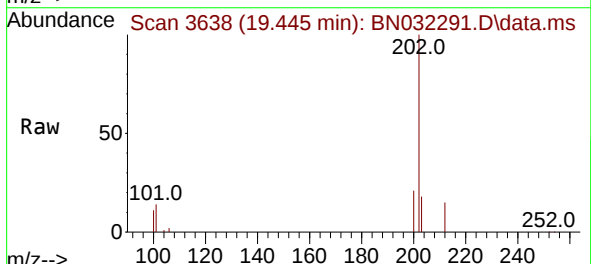
Manual Integrations
APPROVED

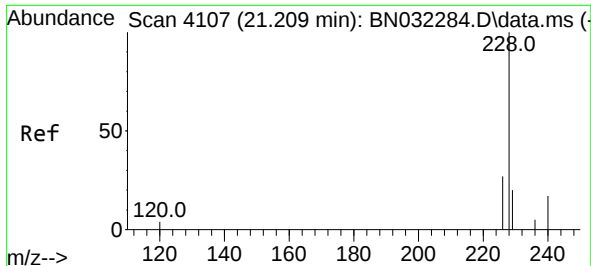
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#20
Pyrene
Concen: 2.570 ng/ul m
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

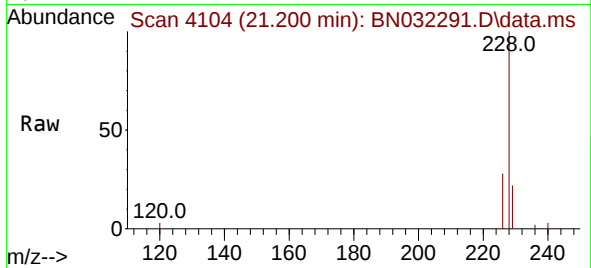
Tgt Ion:202 Resp: 193289
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.401 ng/ul m
RT: 21.200 min Scan# 4107
Delta R.T. -0.015 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

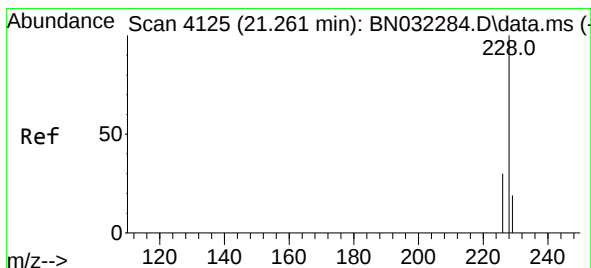
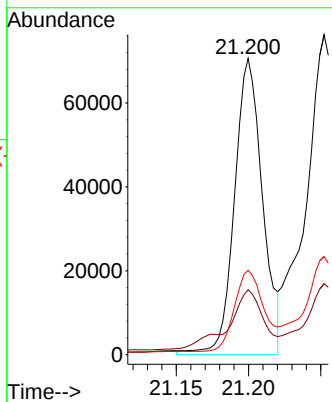
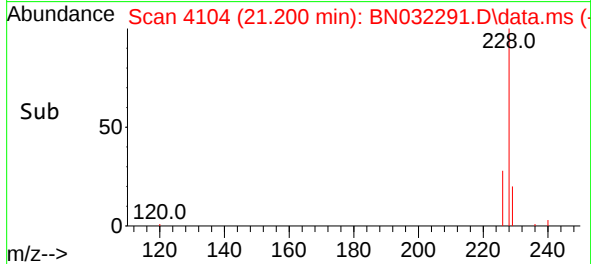
Instrument :
BNA_N
ClientSampleId :
A4B45



Tgt Ion:228 Resp: 9555
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.5 21.8 32.8

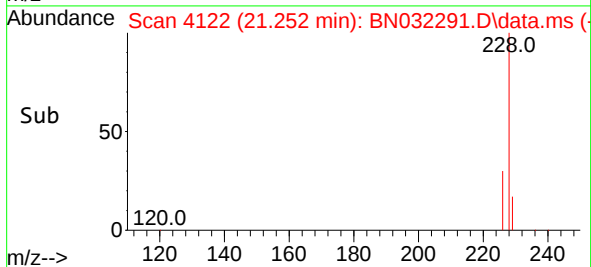
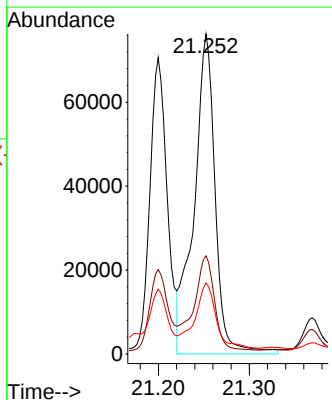
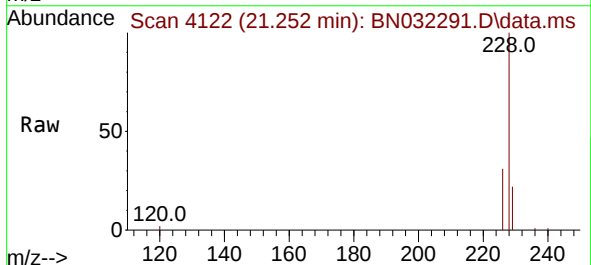
Manual Integrations
APPROVED

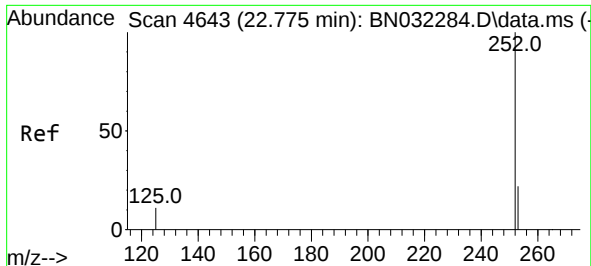
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#22
Chrysene
Concen: 1.652 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

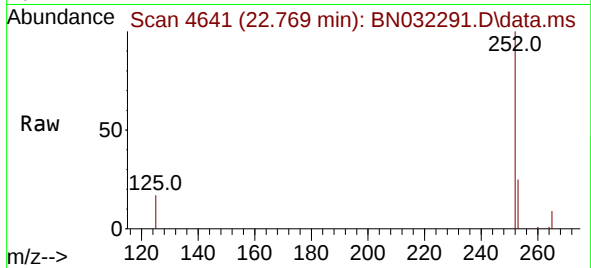
Tgt Ion:228 Resp: 123718
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.784 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

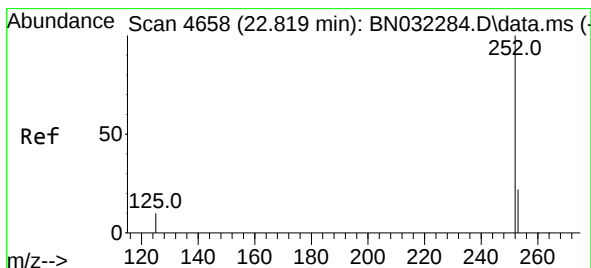
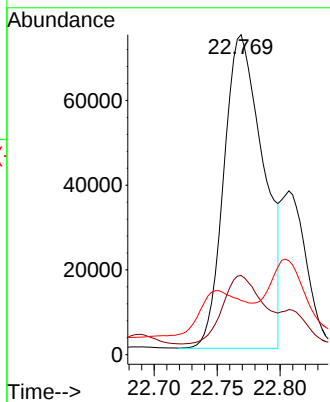
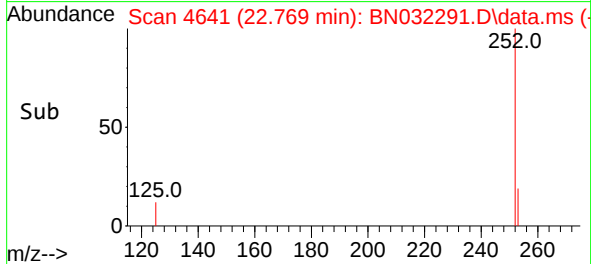
Instrument :
BNA_N
ClientSampleId :
A4B45



Tgt Ion:252 Resp: 16162
Ion Ratio Lower Upper
252 100
253 24.8 0.0 50.2
125 17.0 0.0 32.0

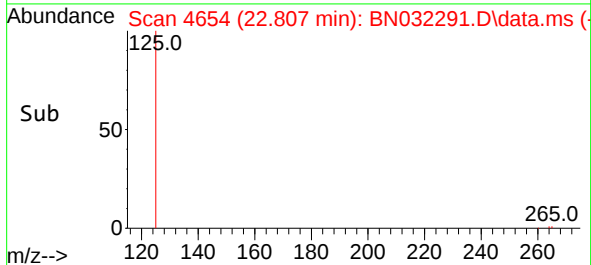
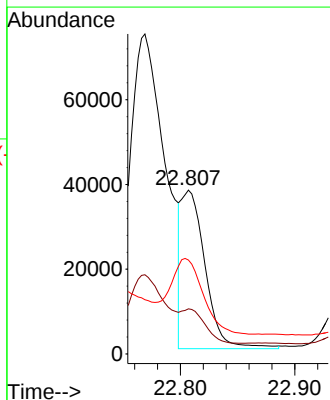
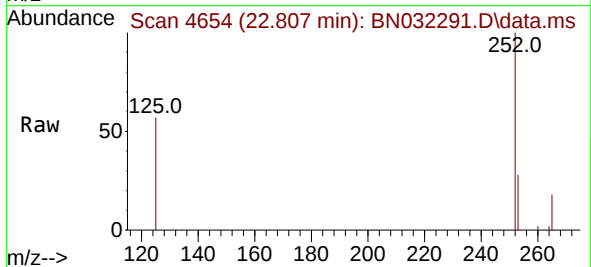
Manual Integrations
APPROVED

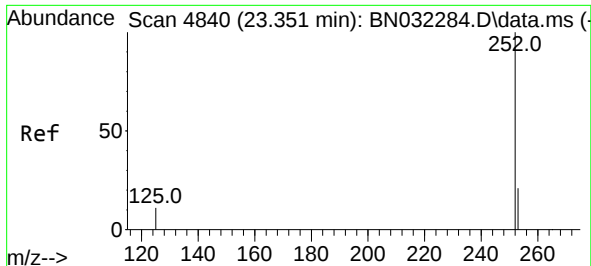
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Benzo(k)fluoranthene
Concen: 0.618 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

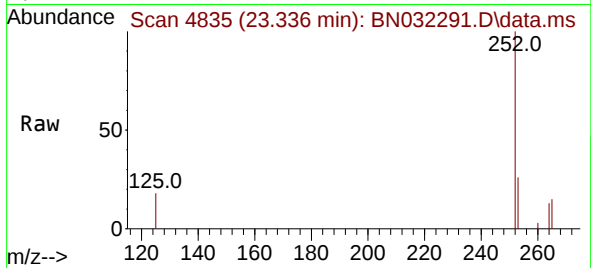
Tgt Ion:252 Resp: 54410
Ion Ratio Lower Upper
252 100
253 27.6 20.3 30.5
125 57.3 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.541 ng/ul m
RT: 23.336 min Scan# 4835
Delta R.T. -0.024 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

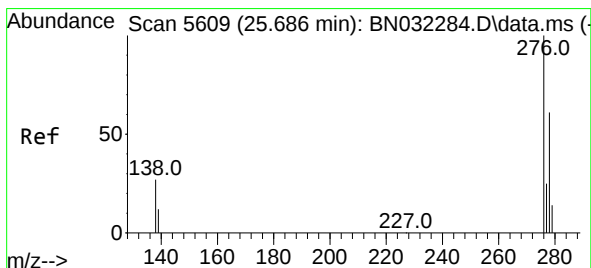
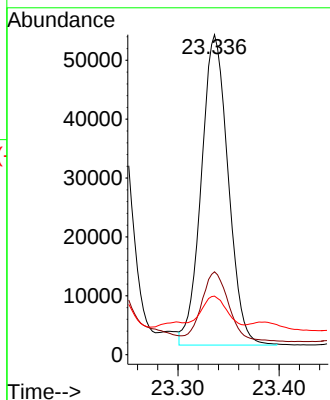
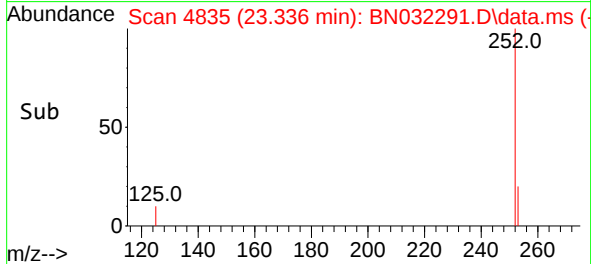
Instrument :
BNA_N
ClientSampleId :
A4B45



Tgt Ion:252 Resp: 97132
Ion Ratio Lower Upper
252 100
253 25.9 22.2 33.2
125 18.3 16.4 24.6

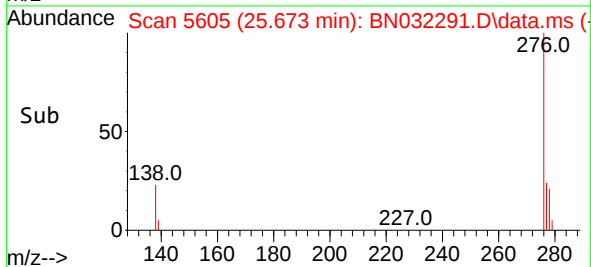
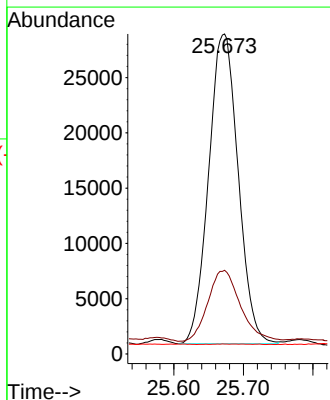
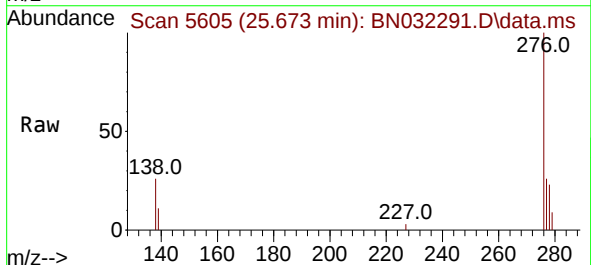
Manual Integrations
APPROVED

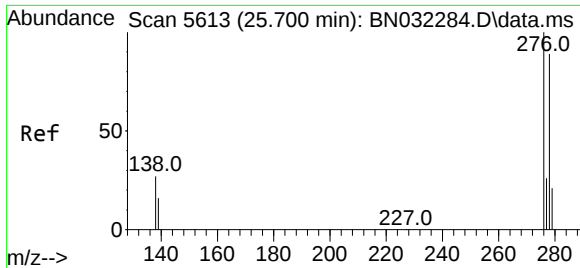
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.838 ng/ul m
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032291.D
Acq: 27 Jun 2024 21:54

Tgt Ion:276 Resp: 82664
Ion Ratio Lower Upper
276 100
138 2.1 21.3 31.9#
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.284 ng/ul m

RT: 25.676 min Scan# 5089

Delta R.T. -0.034 min

Lab File: BN032291.D

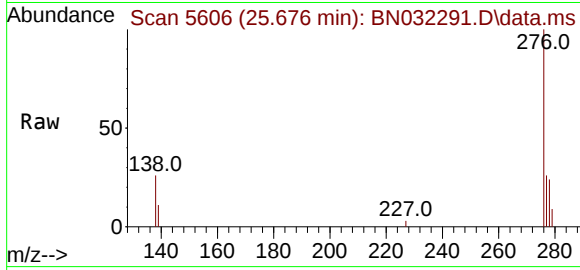
Acq: 27 Jun 2024 21:54

Instrument :

BNA_N

ClientSampleId :

A4B45



Tgt Ion:278 Resp: 2085

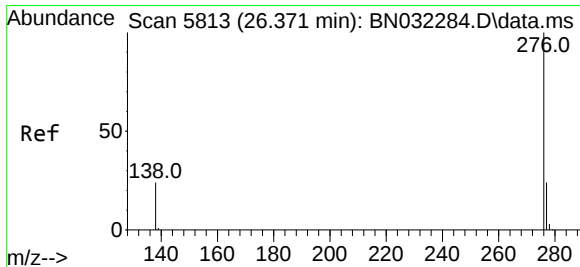
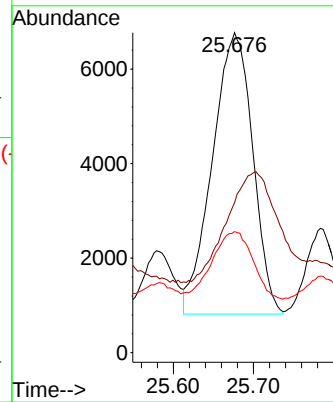
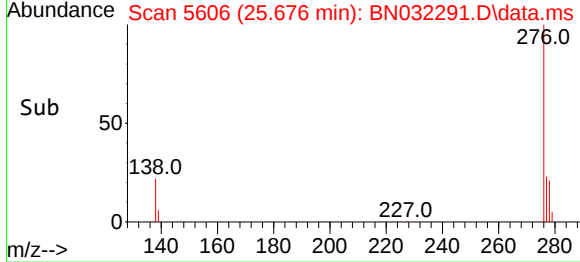
Ion	Ratio	Lower	Upper
278	100		
139	46.8	15.9	23.9
279	37.8	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/28/2024



#29

Benzo(g,h,i)perylene

Concen: 1.080 ng/ul m

RT: 26.357 min Scan# 5809

Delta R.T. -0.024 min

Lab File: BN032291.D

Acq: 27 Jun 2024 21:54

Tgt Ion:276 Resp: 84890

Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.8	29.6
277	25.8	19.8	29.6

