

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027791.D
 Acq On : 21 Sep 2023 17:38
 Operator : MA/JU
 Sample : 04330-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 04:00:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5642	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	19218	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	11644	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	26328	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	22684	0.400	ng/ul	# 0.00
23) Perylene-d12	24.070	264	20087	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	38919	5.476	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	9978	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	26129	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.878	128	33641	0.612	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	18023	0.517	ng/ul	99
8) 1-Methylnaphthalene	12.698	142	9935	0.276	ng/ul	100
10) Acenaphthylene	14.370	152	18881	0.371	ng/ul	99
11) Acenaphthene	14.703	153	9569	0.218	ng/ul	99
12) Fluorene	15.688	166	1879	0.036	ng/ul#	90
15) Phenanthrene	17.434	178	121090	1.464	ng/ul	99
16) Anthracene	17.527	178	20091	0.290	ng/ul	97
19) Fluoranthene	19.445	202	215144	2.345	ng/ul	99
20) Pyrene	19.812	202	274810	2.908	ng/ul	98
21) Benzo(a)anthracene	21.553	228	148039	1.687	ng/ul	97
22) Chrysene	21.609	228	244665	2.698	ng/ul	98
24) Benzo(b)fluoranthene	23.293	252	382065m	4.267	ng/ul	
25) Benzo(k)fluoranthene	23.336	252	140730m	1.622	ng/ul	
26) Benzo(a)pyrene	23.953	252	154876	2.151	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.689	276	184524	2.000	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.706	278	44084	0.593	ng/ul#	75
29) Benzo(g,h,i)perylene	27.511	276	195278	2.492	ng/ul	98

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

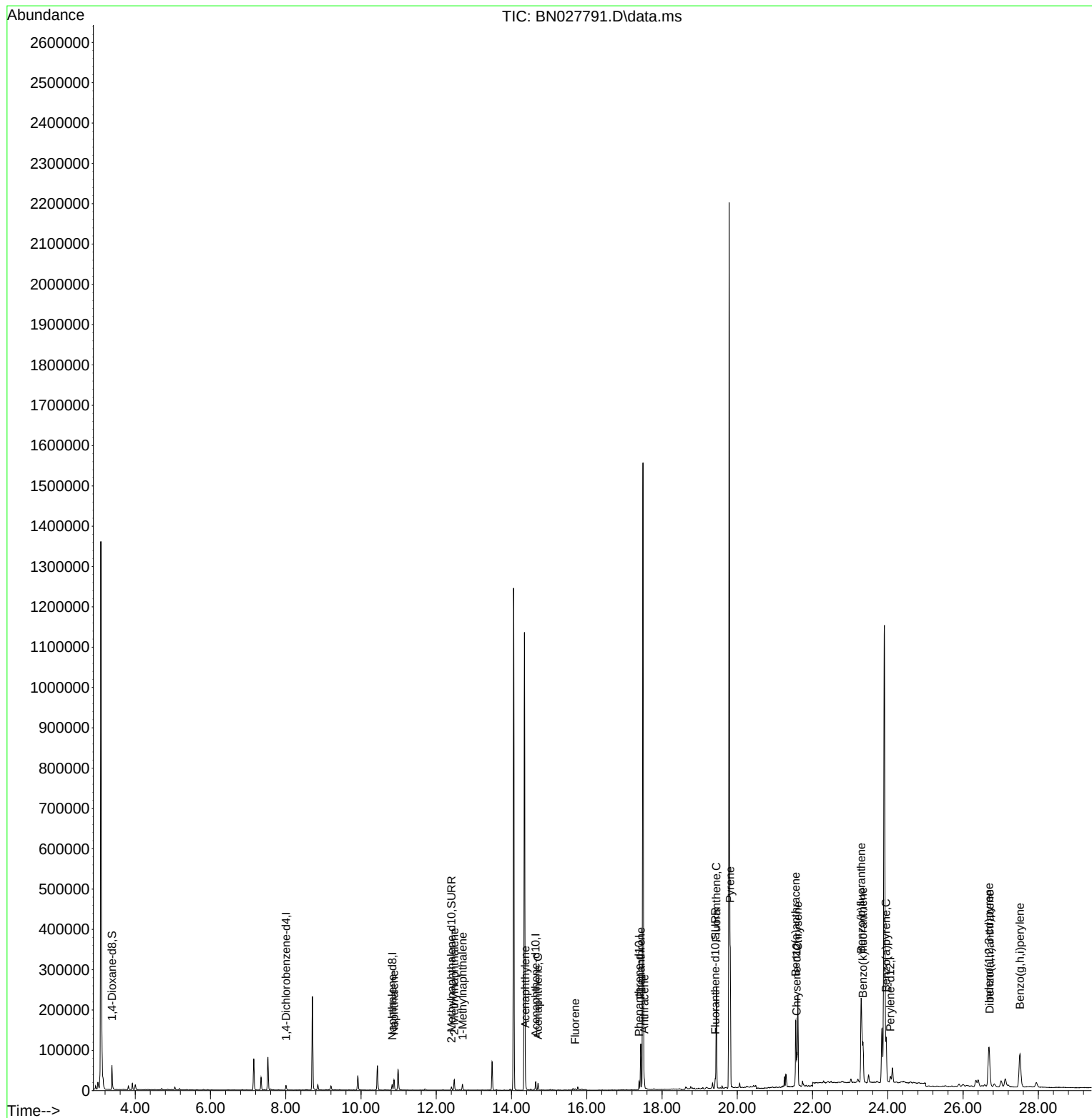
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027791.D
Acq On : 21 Sep 2023 17:38
Operator : MA/JU
Sample : 04330-14
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ALS Vial : 8 Sample Multiplier: 1

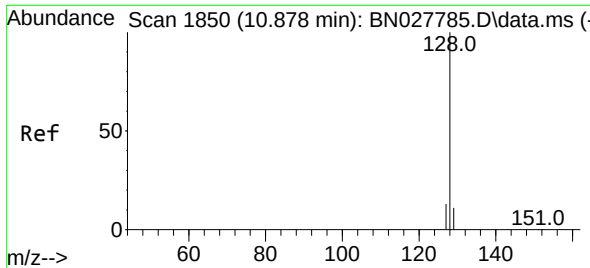
Instrument :
BNA_N
ClientSampleId :
EZYGO

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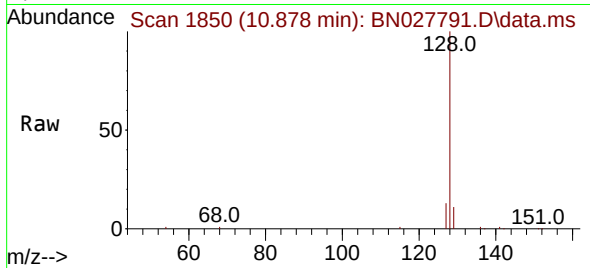
Quant Time: Sep 22 04:00:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.612 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

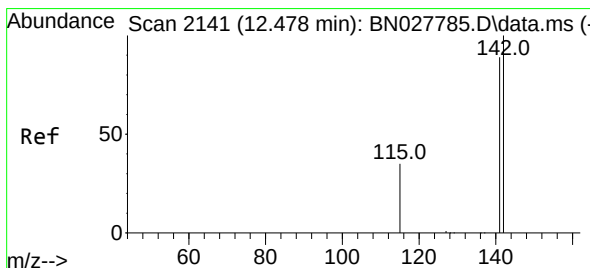
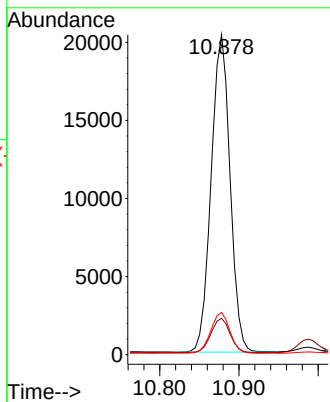
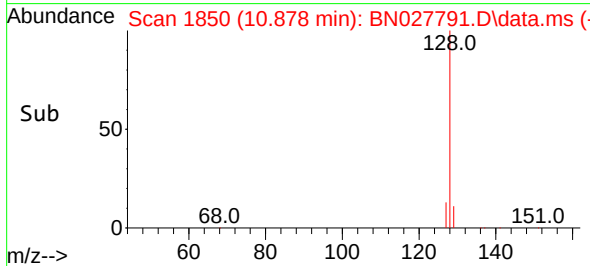
Instrument :
BNA_N
ClientSampleId :
EZYGO



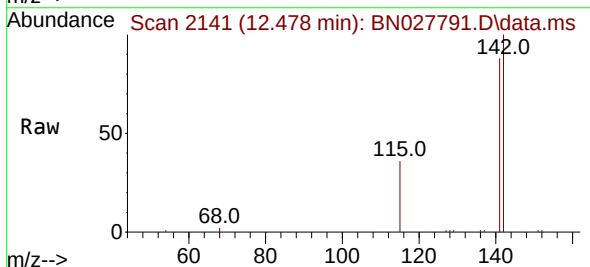
Tgt Ion:128 Resp: 3364
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.7 16.1

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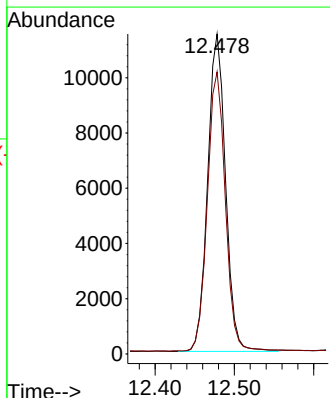
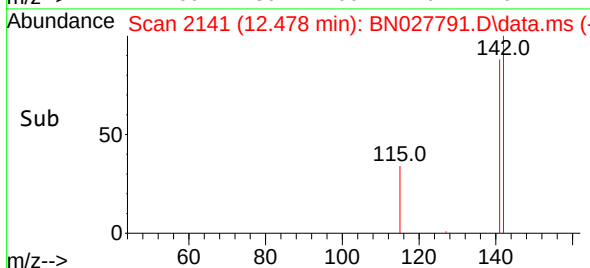
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

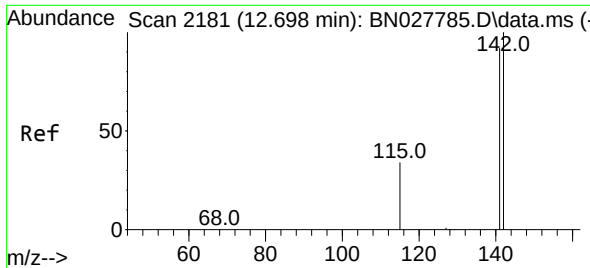


#7
2-Methylnaphthalene
Concen: 0.517 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38



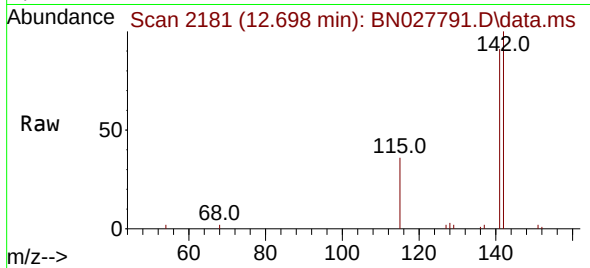
Tgt Ion:142 Resp: 18023
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.698 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

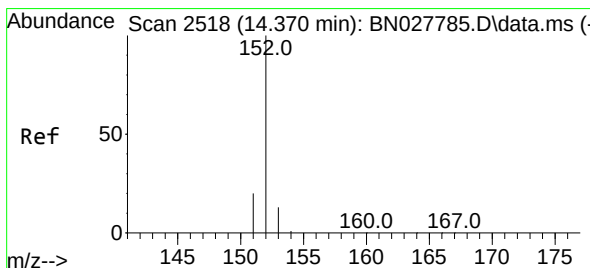
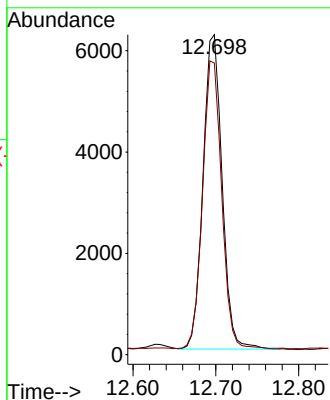
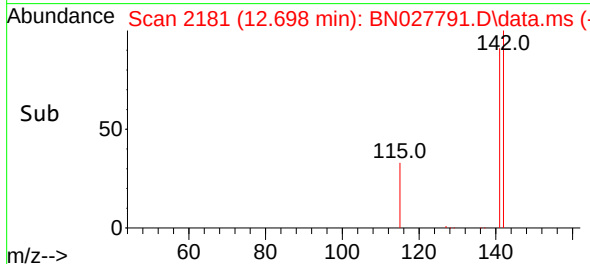
Instrument :
BNA_N
ClientSampleId :
EZYGO



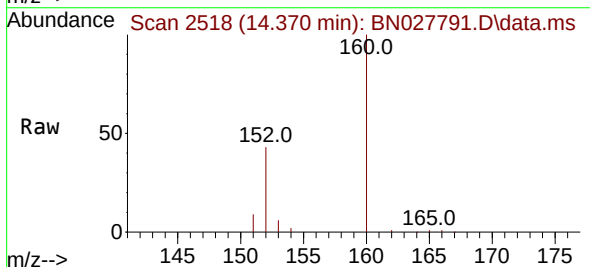
Tgt Ion:142 Resp: 9938
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2

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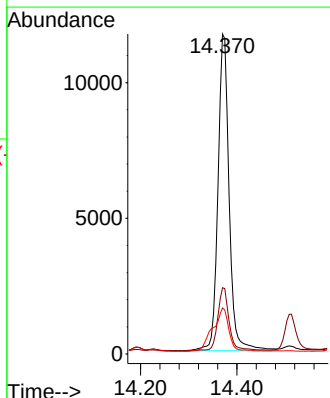
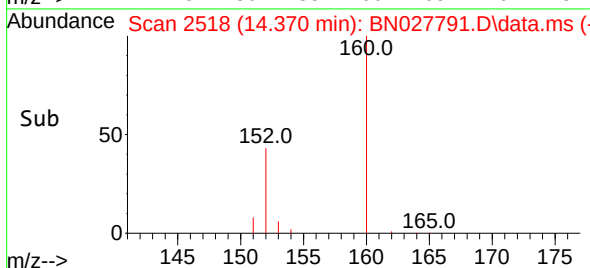
Reviewed By :Yogesh Patel 09/22/2023
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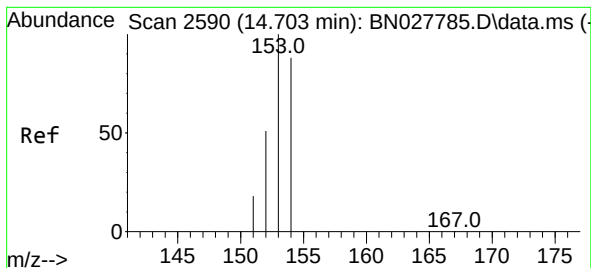


#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38



Tgt Ion:152 Resp: 18881
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 14.4 11.0 16.6





#11

Acenaphthene

Concen: 0.218 ng/u1

RT: 14.703 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027791.D

Acq: 21 Sep 2023 17:38

Instrument :

BNA_N

ClientSampleId :

EZYGO

Tgt Ion:153 Resp: 956

Ion Ratio Lower Upper

153 100

152 51.1 41.7 62.5

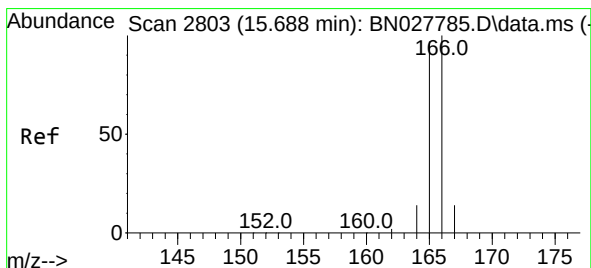
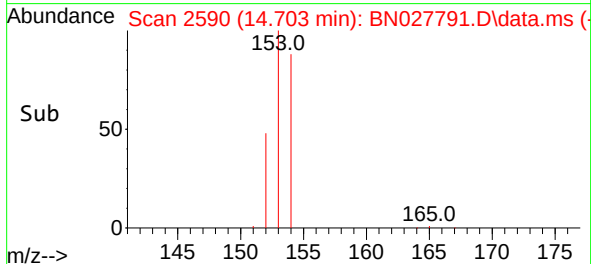
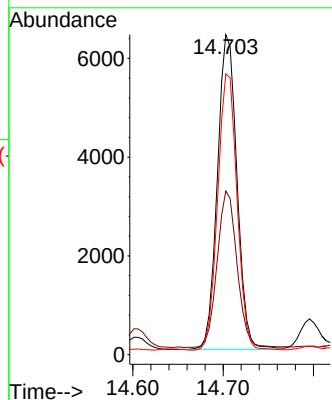
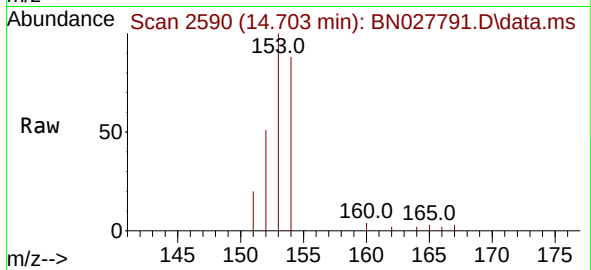
154 87.7 70.3 105.5

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#12

Fluorene

Concen: 0.036 ng/u1

RT: 15.688 min Scan# 2803

Delta R.T. 0.000 min

Lab File: BN027791.D

Acq: 21 Sep 2023 17:38

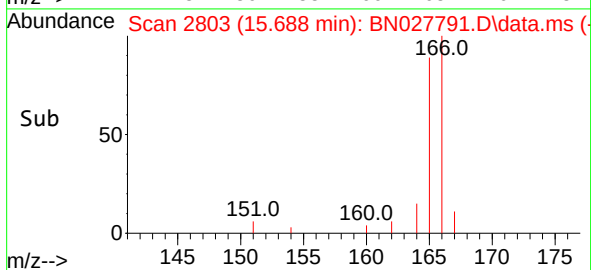
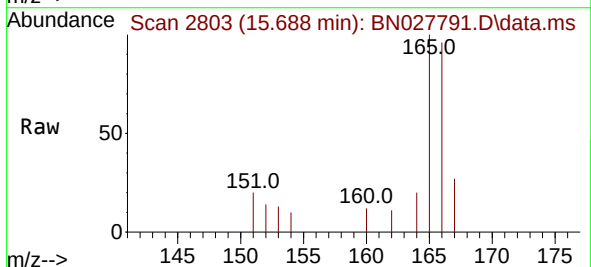
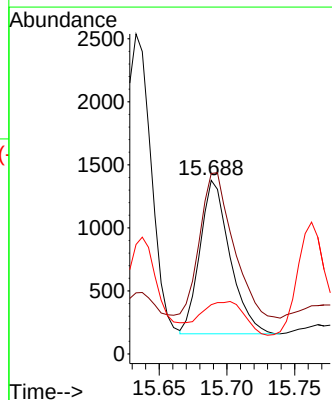
Tgt Ion:166 Resp: 1879

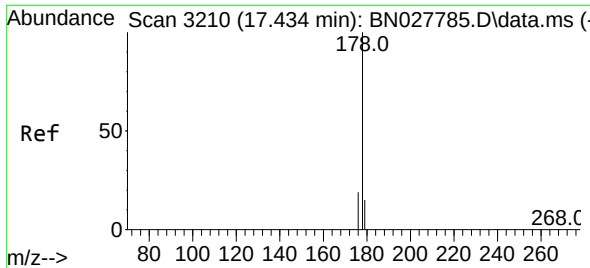
Ion Ratio Lower Upper

166 100

165 103.9 78.0 117.0

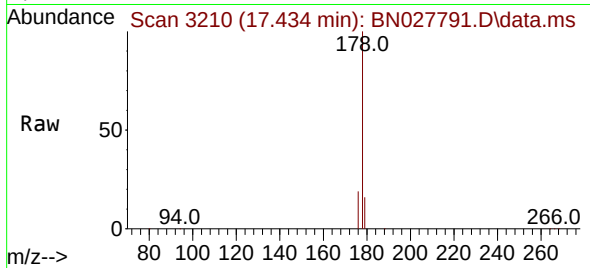
167 28.4 11.4 17.2#





#15
Phenanthrene
Concen: 1.464 ng/u1
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

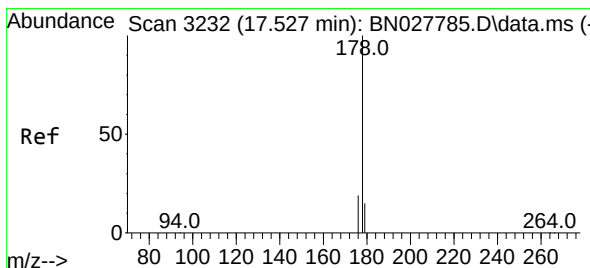
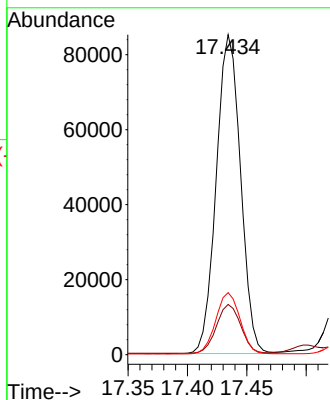
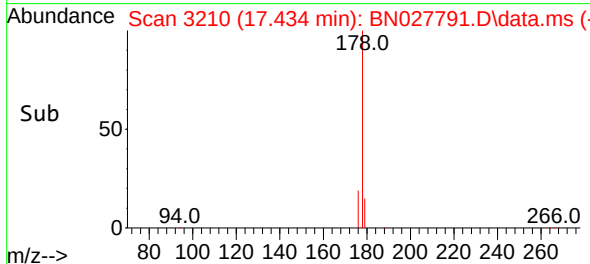
Instrument :
BNA_N
ClientSampleId :
EZYGO



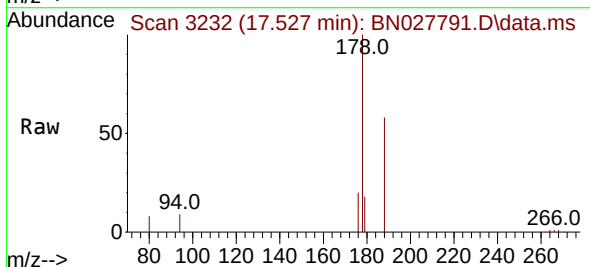
Tgt Ion:178 Resp: 121090
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.4 16.0 24.0

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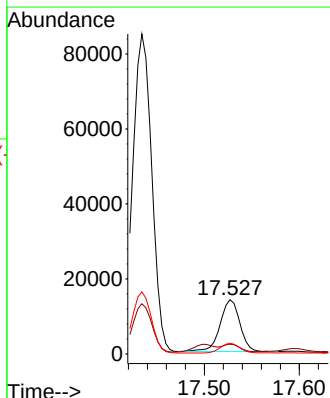
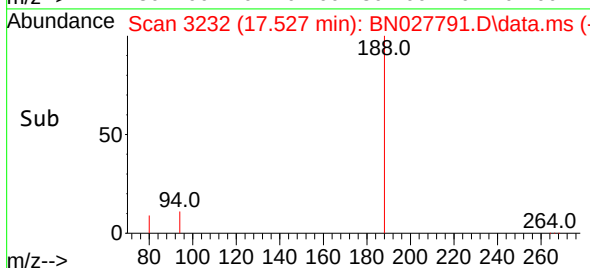
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

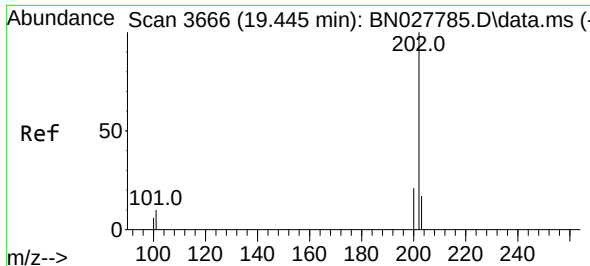


#16
Anthracene
Concen: 0.290 ng/u1
RT: 17.527 min Scan# 3232
Delta R.T. -0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38



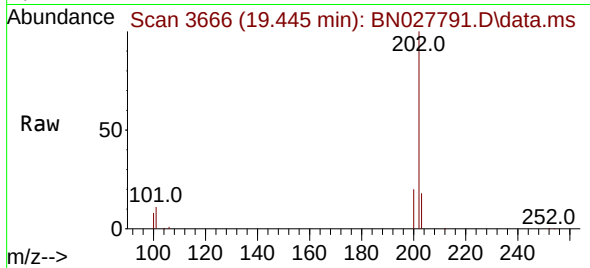
Tgt Ion:178 Resp: 20091
Ion Ratio Lower Upper
178 100
179 18.0 12.6 19.0
176 19.7 15.5 23.3





#19
Fluoranthene
Concen: 2.345 ng/u1
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

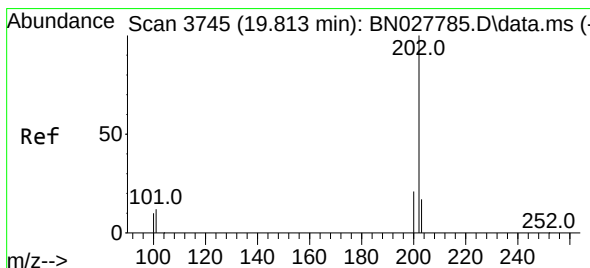
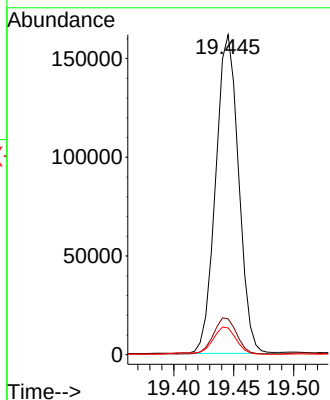
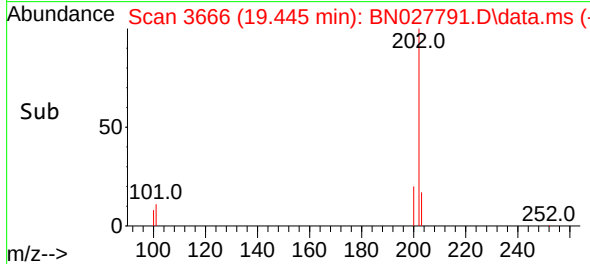
Instrument :
BNA_N
ClientSampleId :
EZYGO



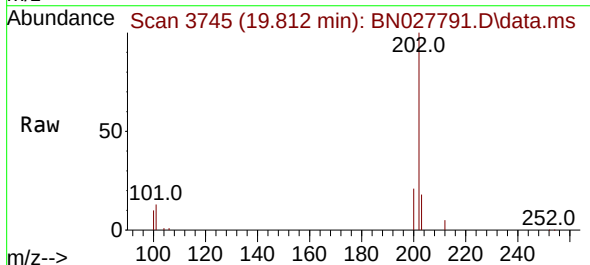
Tgt Ion:202 Resp: 215144
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 8.3 7.0 10.4

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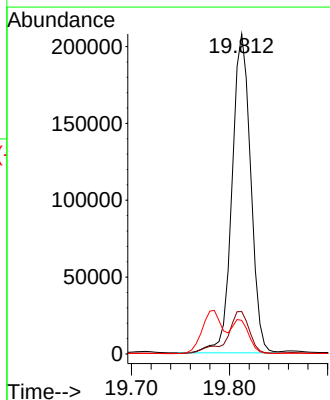
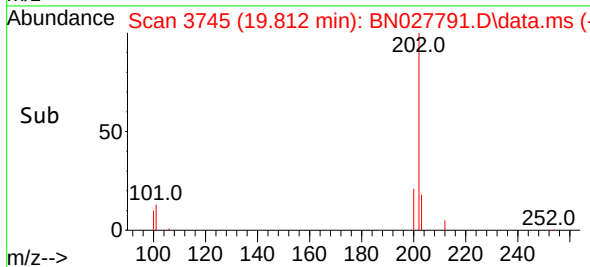
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

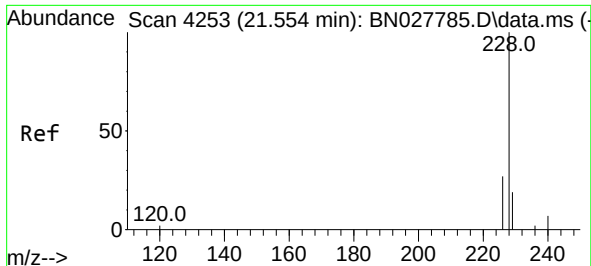


#20
Pyrene
Concen: 2.908 ng/u1
RT: 19.812 min Scan# 3745
Delta R.T. -0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38



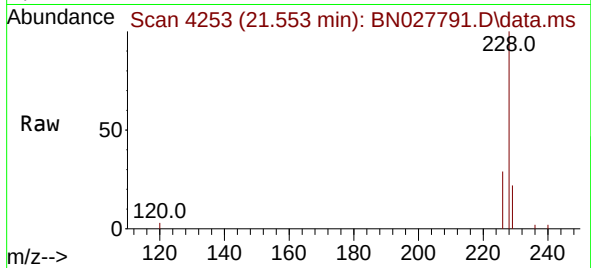
Tgt Ion:202 Resp: 274810
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.687 ng/ul
RT: 21.553 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

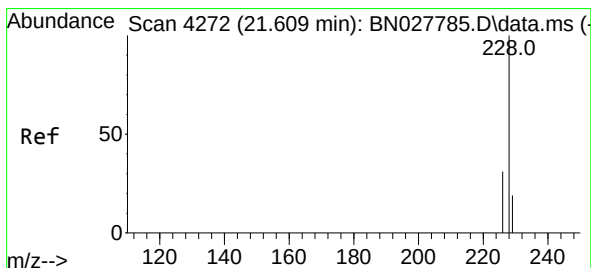
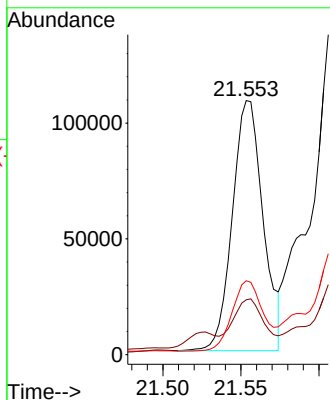
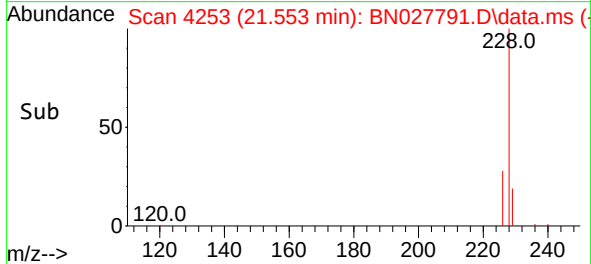
Instrument :
BNA_N
ClientSampleId :
EZYGO



Tgt Ion:228 Resp: 148039
Ion Ratio Lower Upper
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229 21.6 15.8 23.8
226 29.1 22.0 33.0

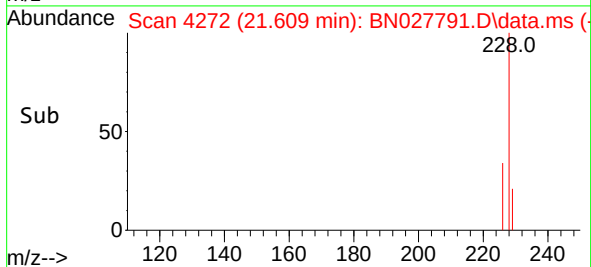
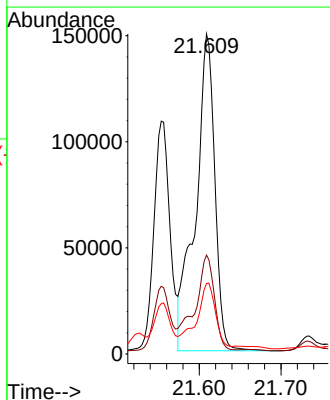
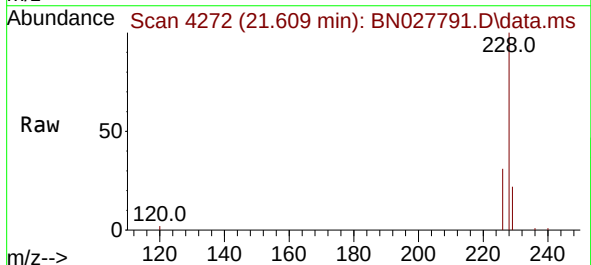
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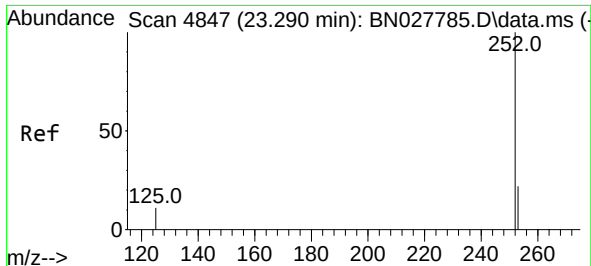
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#22
Chrysene
Concen: 2.698 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

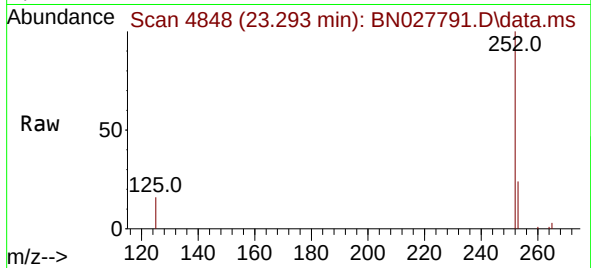
Tgt Ion:228 Resp: 244665
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.267 ng/ul m
RT: 23.293 min Scan# 4847
Delta R.T. 0.003 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

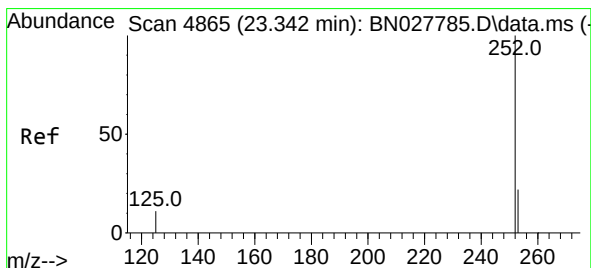
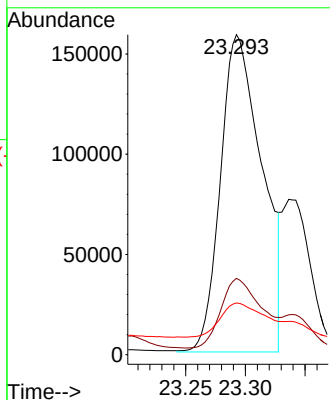
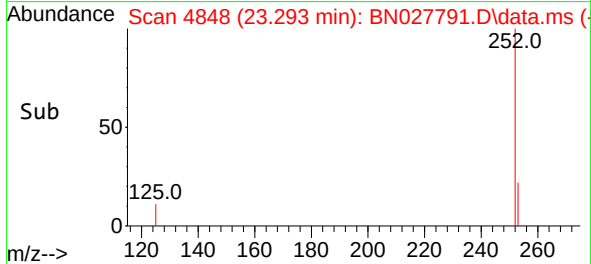
Instrument :
BNA_N
ClientSampleId :
EZYGO



Tgt Ion:252 Resp: 38206
Ion Ratio Lower Upper
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253 23.8 0.0 50.2
125 16.2 0.0 31.4

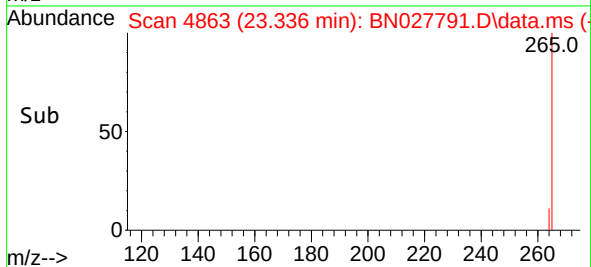
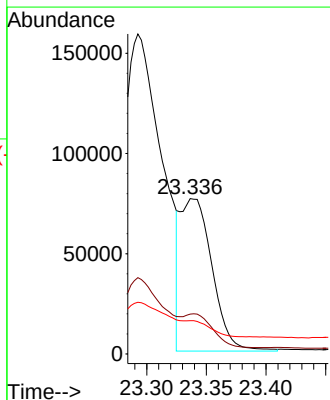
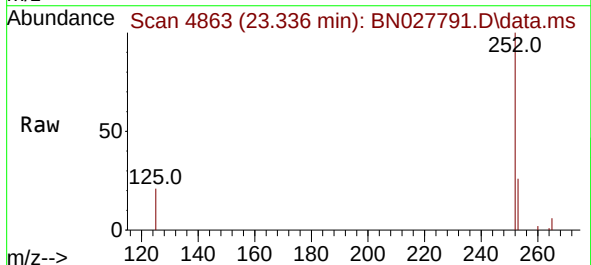
Manual Integrations
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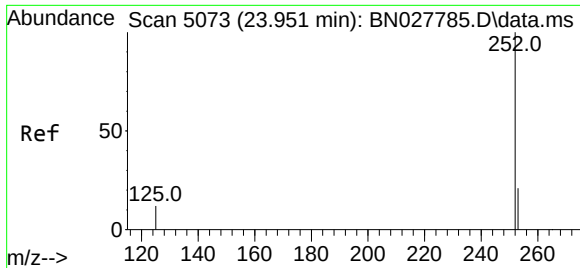
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 1.622 ng/ul m
RT: 23.336 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

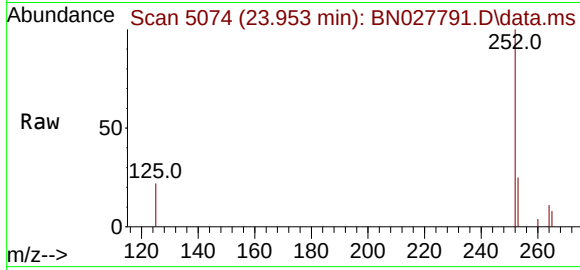
Tgt Ion:252 Resp: 140730
Ion Ratio Lower Upper
252 100
253 25.6 19.9 29.9
125 21.4 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 2.151 ng/ul
RT: 23.953 min Scan# 5073
Delta R.T. 0.003 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

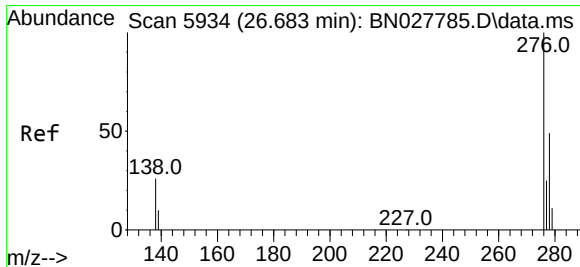
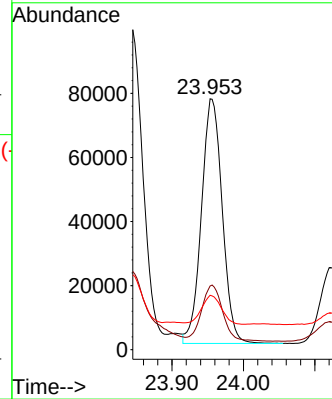
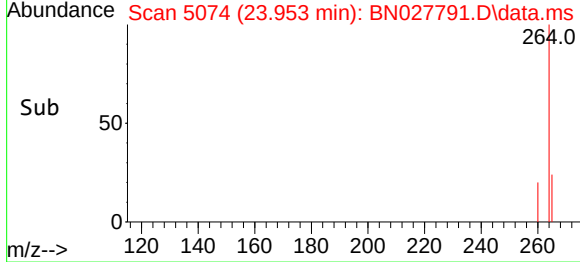
Instrument :
BNA_N
ClientSampleId :
EZYGO



Tgt Ion:252 Resp: 154870
Ion Ratio Lower Upper
252 100
253 25.4 21.9 32.9
125 21.7 15.5 23.3

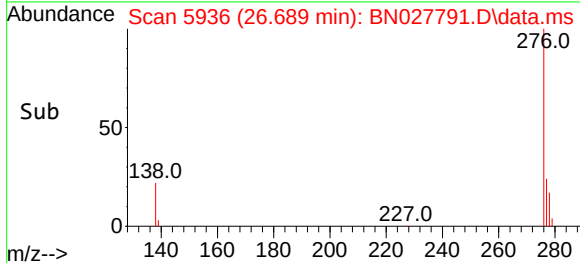
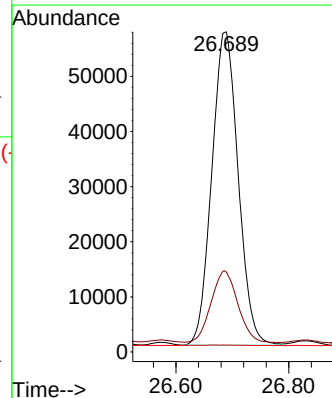
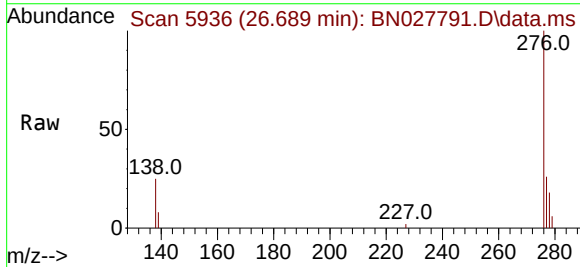
Manual Integrations
APPROVED

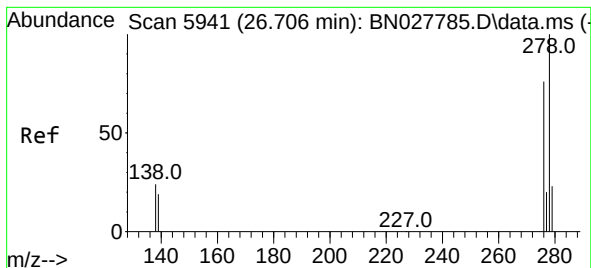
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.000 ng/ul
RT: 26.689 min Scan# 5936
Delta R.T. 0.007 min
Lab File: BN027791.D
Acq: 21 Sep 2023 17:38

Tgt Ion:276 Resp: 184524
Ion Ratio Lower Upper
276 100
138 23.2 24.3 36.5#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.593 ng/ul

RT: 26.706 min Scan# 5941

Delta R.T. -0.000 min

Lab File: BN027791.D

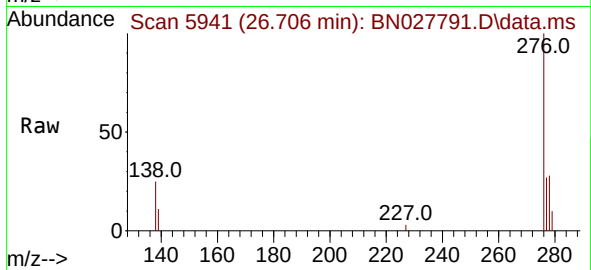
Acq: 21 Sep 2023 17:38

Instrument :

BNA_N

ClientSampleId :

EZYGO



Tgt Ion:278 Resp: 44084

Ion Ratio Lower Upper

278 100

139 40.0 17.2 25.8

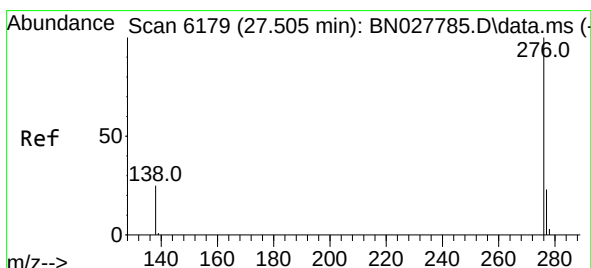
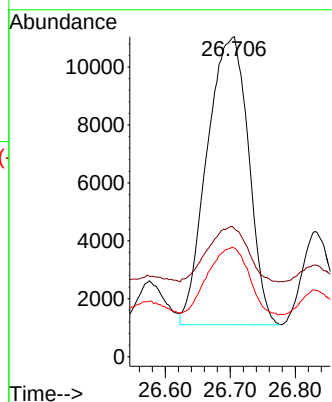
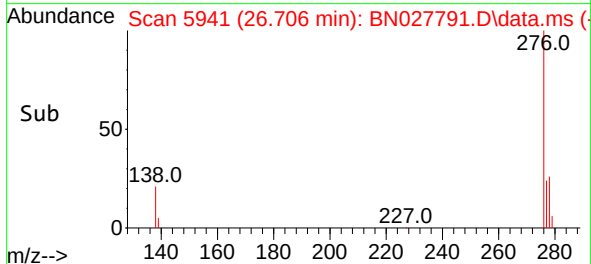
279 33.9 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/22/2023

Supervised By :mohammad ahmed 09/25/2023



#29

Benzo(g,h,i)perylene

Concen: 2.492 ng/ul

RT: 27.511 min Scan# 6181

Delta R.T. 0.007 min

Lab File: BN027791.D

Acq: 21 Sep 2023 17:38

Tgt Ion:276 Resp: 195278

Ion Ratio Lower Upper

276 100

138 25.6 21.7 32.5

277 25.1 20.2 30.2

