

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025376.D
 Acq On : 10 May 2023 12:09
 Operator : CG/JU
 Sample : 02479-08DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW949DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 11 01:10:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 12:11:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	7001	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	24499	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	15130	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	31210	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	27164	0.400	ng/ul	# 0.00
23) Perylene-d12	23.911	264	28563	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	2292	0.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	817	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	2460	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.759	128	27506	0.438	ng/ul	99
7) 2-Methylnaphthalene	12.370	142	29524	0.768	ng/ul	100
8) 1-Methylnaphthalene	12.590	142	23724	0.579	ng/ul	100
10) Acenaphthylene	14.265	152	22353	0.397	ng/ul#	93
11) Acenaphthene	14.607	153	82451	1.735	ng/ul	98
12) Fluorene	15.593	166	94888	1.787	ng/ul	99
15) Phenanthrene	17.338	178	1932129	21.932	ng/ul	99
16) Anthracene	17.427	178	478677	6.642	ng/ul	99
19) Fluoranthene	19.354	202	3595023	36.598	ng/ul	97
20) Pyrene	19.721	202	3129523	31.008	ng/ul	99
21) Benzo(a)anthracene	21.476	228	1543520	18.857	ng/ul	98
22) Chrysene	21.529	228	1452512	16.267	ng/ul	97
24) Benzo(b)fluoranthene	23.174	252	1624927m	14.022	ng/ul	
25) Benzo(k)fluoranthene	23.218	252	600669m	5.389	ng/ul	
26) Benzo(a)pyrene	23.803	252	1175418	12.259	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.420	276	725274	6.565	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.427	278	178392	2.067	ng/ul	96
29) Benzo(g,h,i)perylene	27.205	276	646732	6.885	ng/ul	99

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

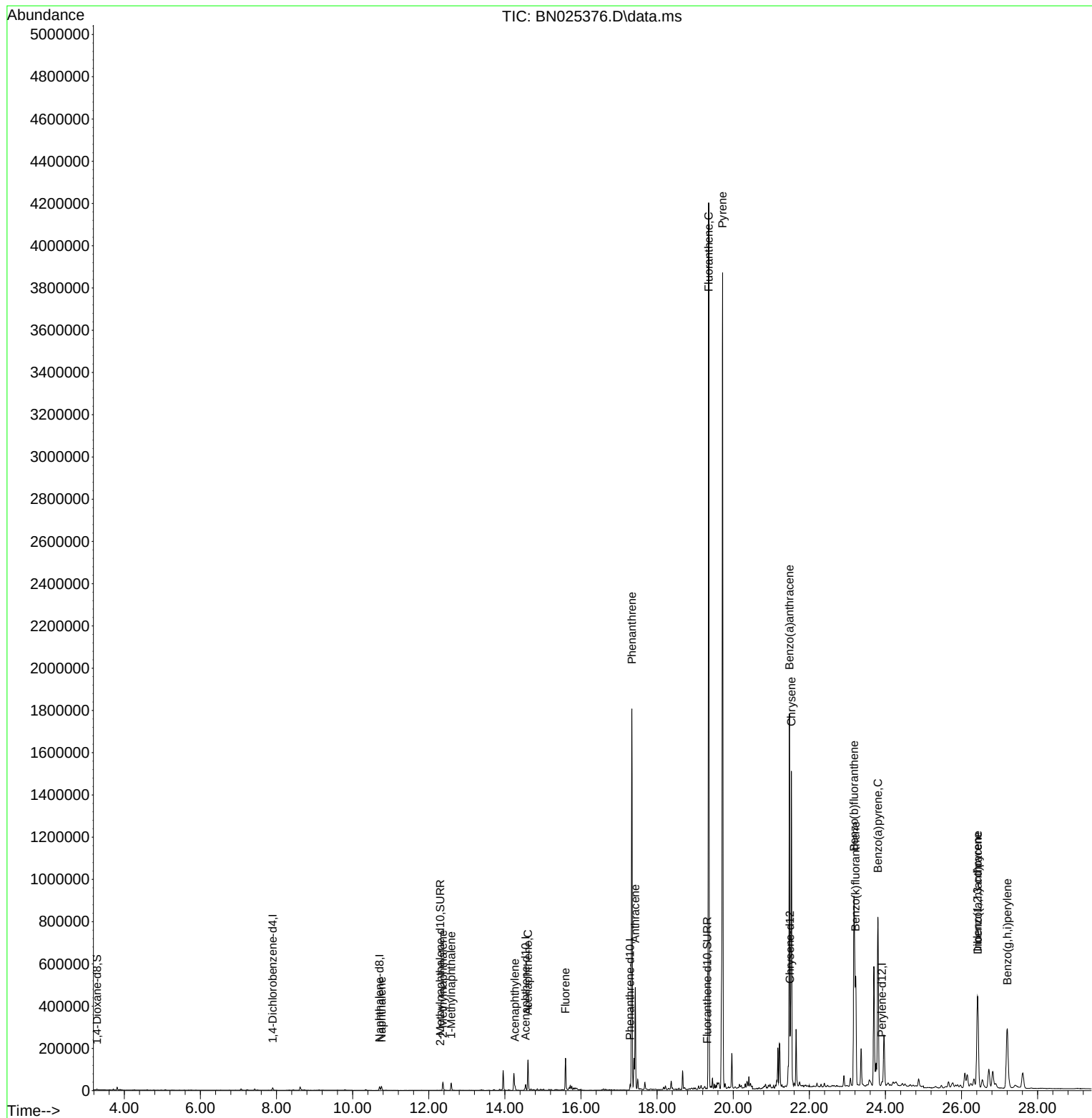
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025376.D
Acq On : 10 May 2023 12:09
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Sample : 02479-08DL 5X
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ALS Vial : 7 Sample Multiplier: 1

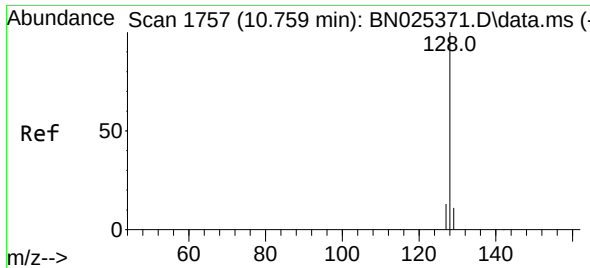
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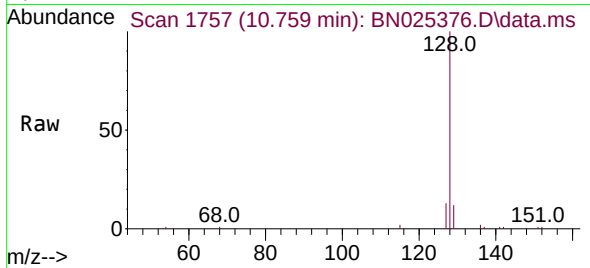
Quant Time: May 11 01:10:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 12:11:16 2023
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#5
Naphthalene
Concen: 0.438 ng/ul
RT: 10.759 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

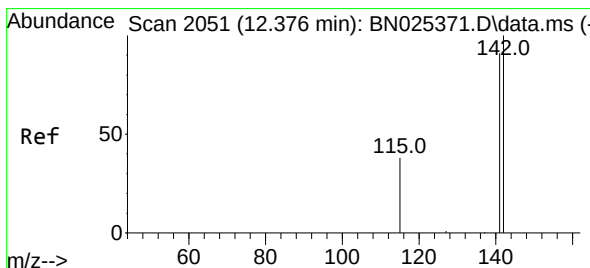
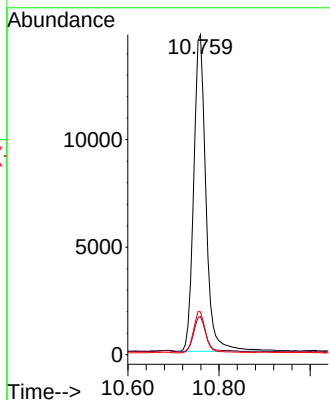
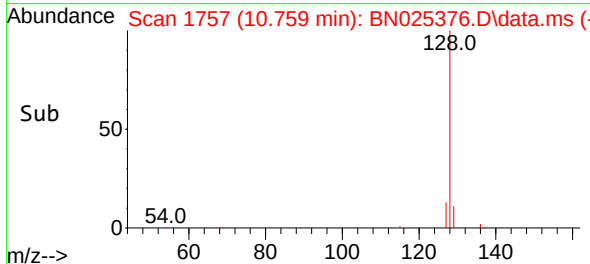
Instrument :
BNA_N
ClientSampleId :
EW949DL



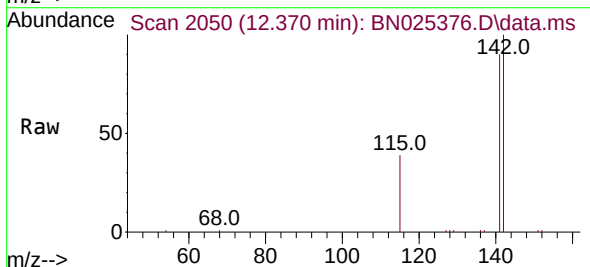
Tgt Ion:128 Resp: 27500
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.4 10.7 16.1

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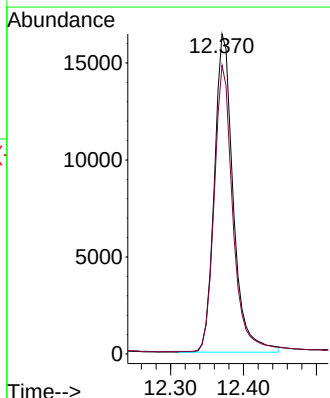
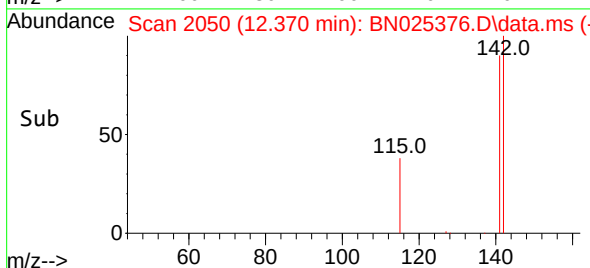
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

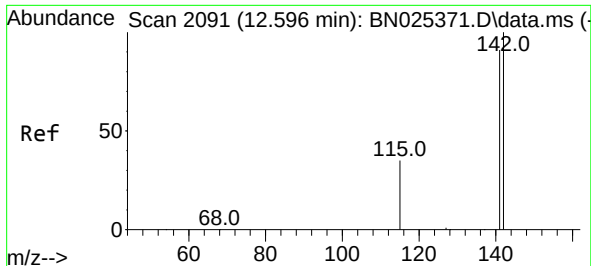


#7
2-Methylnaphthalene
Concen: 0.768 ng/ul
RT: 12.370 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09



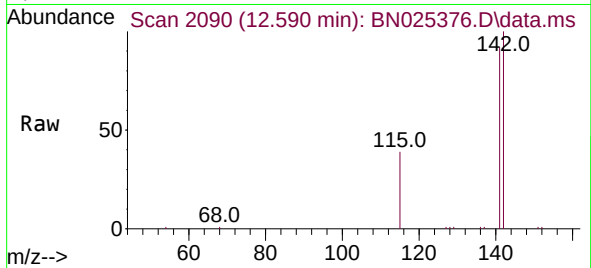
Tgt Ion:142 Resp: 29524
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.579 ng/ul
RT: 12.590 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

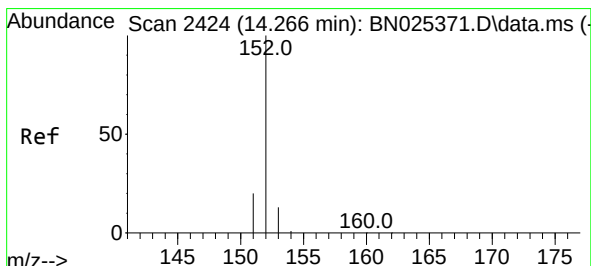
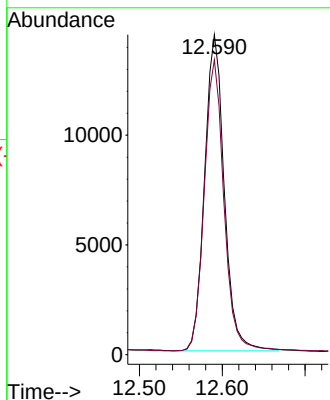
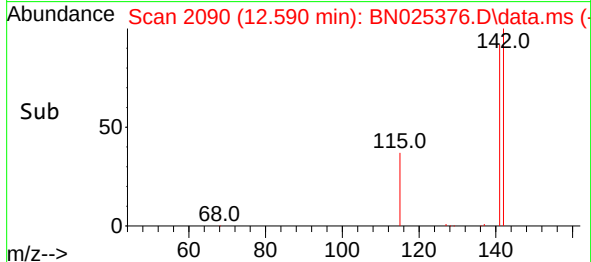
Instrument :
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Tgt Ion:142 Resp: 23724
Ion Ratio Lower Upper
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141 92.1 73.8 110.6

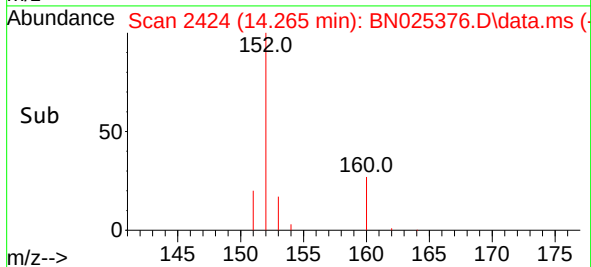
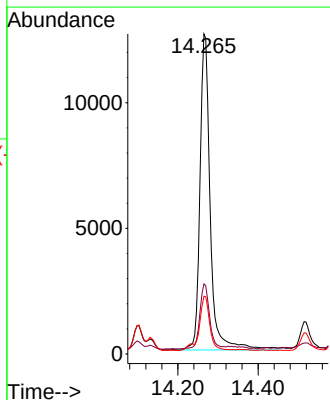
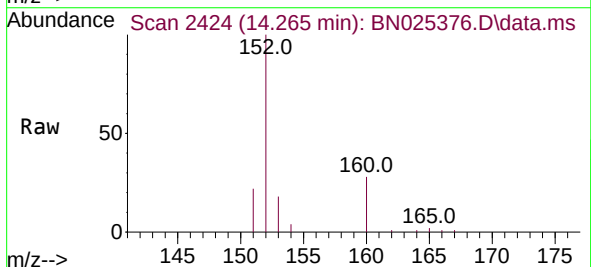
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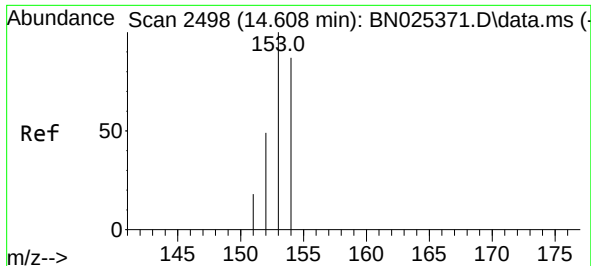
Reviewed By :Christian Giraldo 05/11/2023
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#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

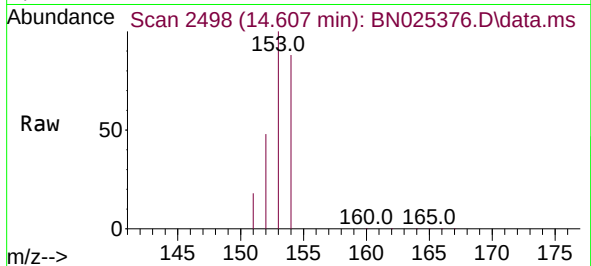
Tgt Ion:152 Resp: 22353
Ion Ratio Lower Upper
152 100
151 21.9 16.0 24.0
153 18.0 10.8 16.2#





#11
Acenaphthene
Concen: 1.735 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

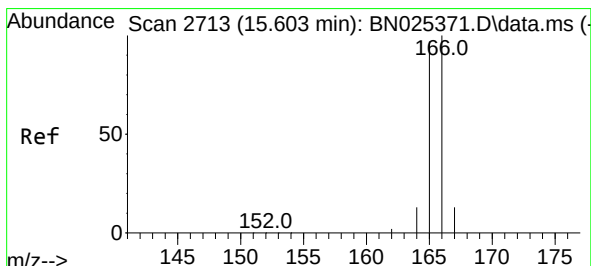
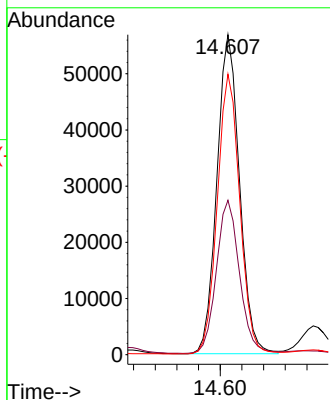
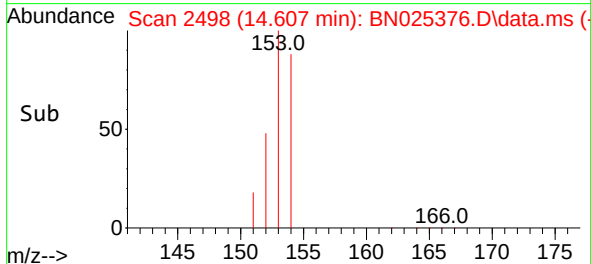
Instrument :
BNA_N
ClientSampleId :
EW949DL



Tgt Ion:153 Resp: 8245
Ion Ratio Lower Upper
153 100
152 48.2 40.2 60.4
154 87.7 69.4 104.2

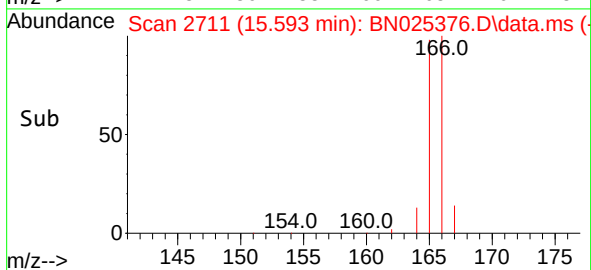
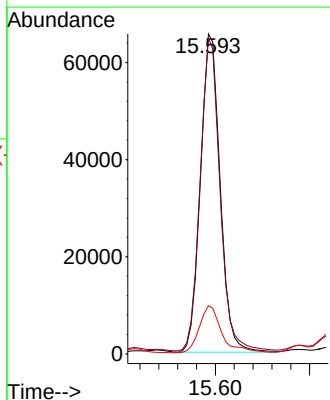
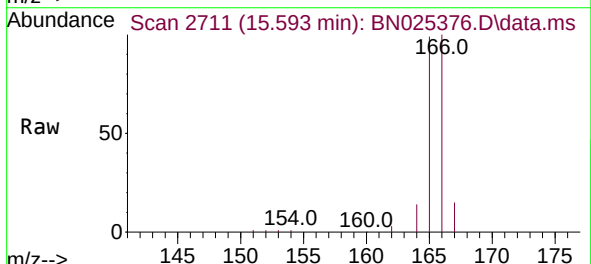
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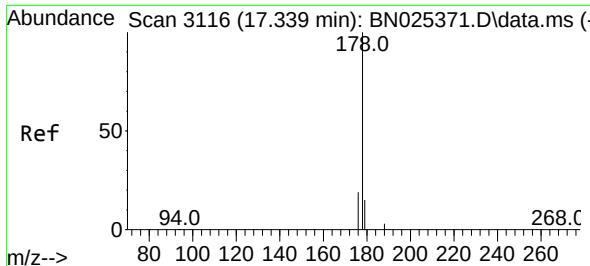
Reviewed By :Christian Giraldo 05/11/2023
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#12
Fluorene
Concen: 1.787 ng/ul
RT: 15.593 min Scan# 2711
Delta R.T. -0.010 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

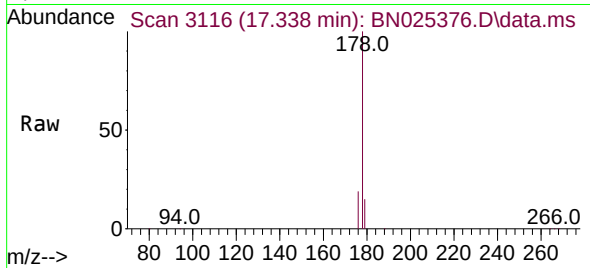
Tgt Ion:166 Resp: 94888
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 15.0 11.0 16.6





#15
Phenanthrene
Concen: 21.932 ng/ul
RT: 17.338 min Scan# 3116
Delta R.T. -0.001 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

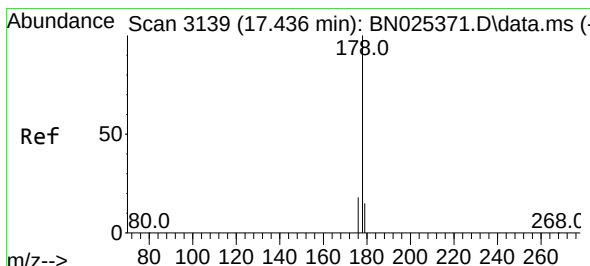
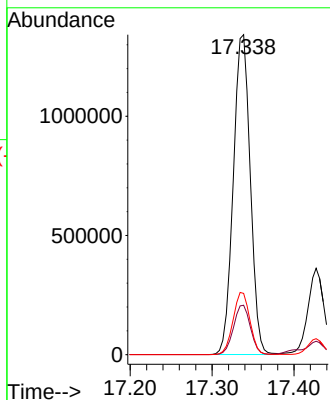
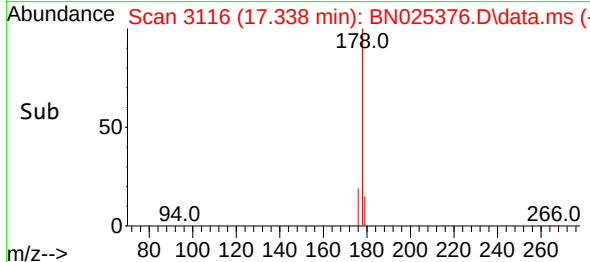
Instrument :
BNA_N
ClientSampleId :
EW949DL



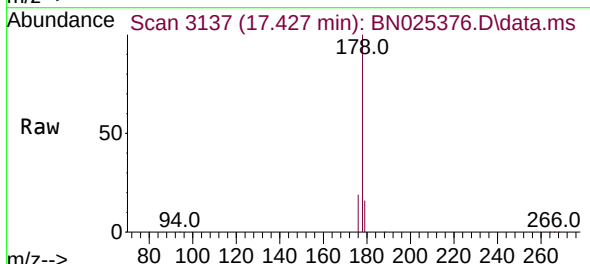
Tgt Ion:178 Resp: 1932129
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.1 15.6 23.4

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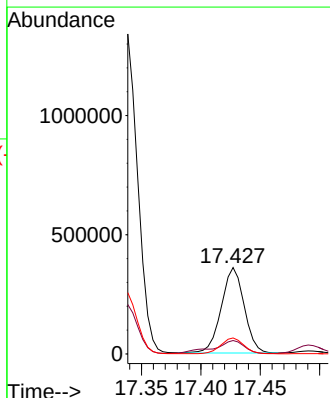
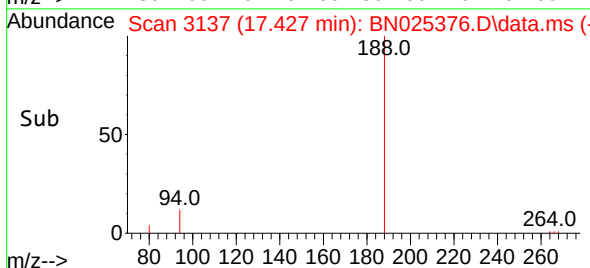
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

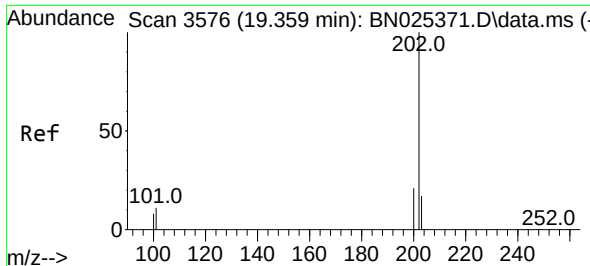


#16
Anthracene
Concen: 6.642 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09



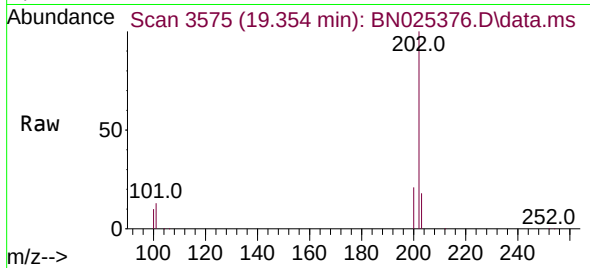
Tgt Ion:178 Resp: 478677
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.6 15.3 22.9





#19
Fluoranthene
Concen: 36.598 ng/u1
RT: 19.354 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

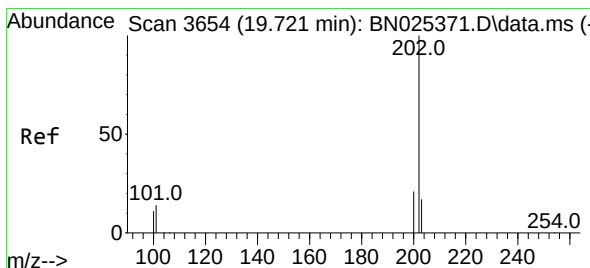
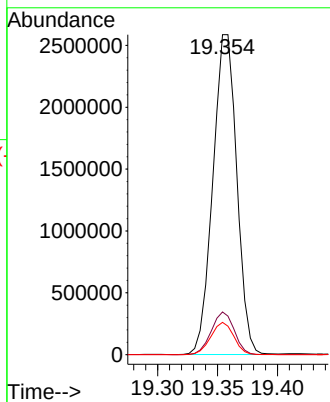
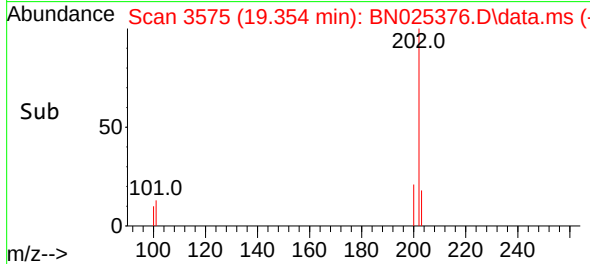
Instrument :
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EW949DL



Tgt Ion:202 Resp: 359502
Ion Ratio Lower Upper
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101 13.4 9.7 14.5
100 10.1 7.3 10.9

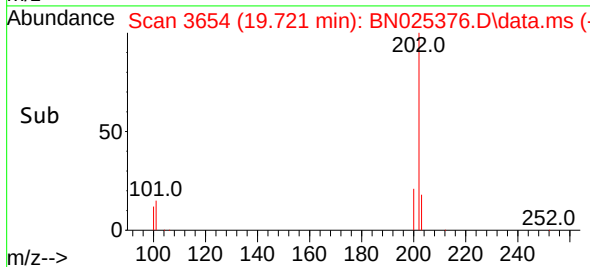
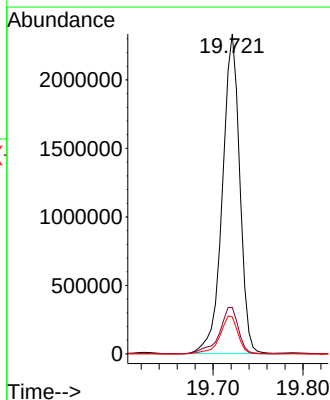
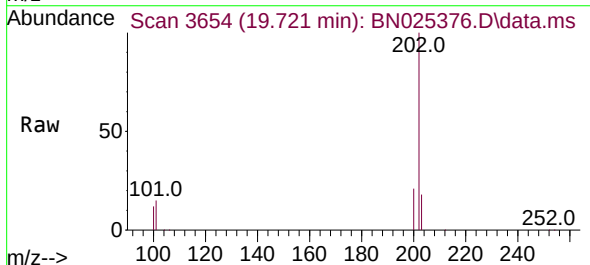
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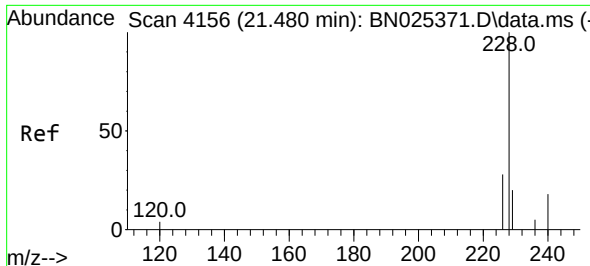
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#20
Pyrene
Concen: 31.008 ng/u1
RT: 19.721 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

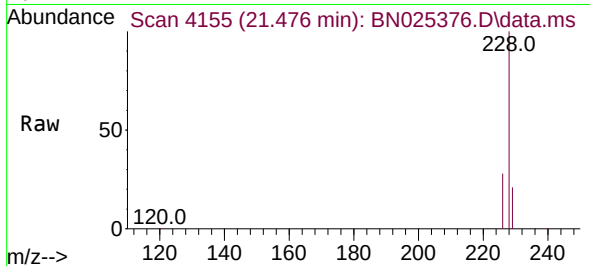
Tgt Ion:202 Resp: 3129523
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.6 9.2 13.8





#21
Benzo(a)anthracene
Concen: 18.857 ng/ul
RT: 21.476 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

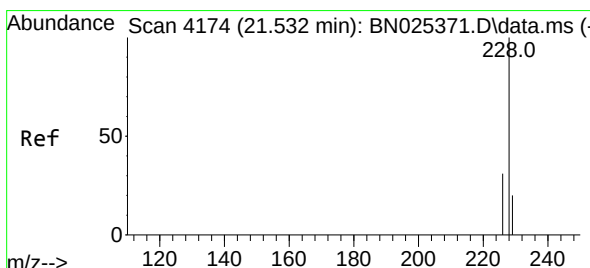
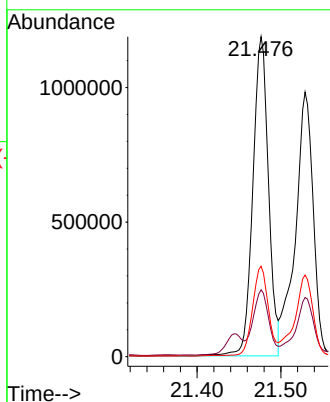
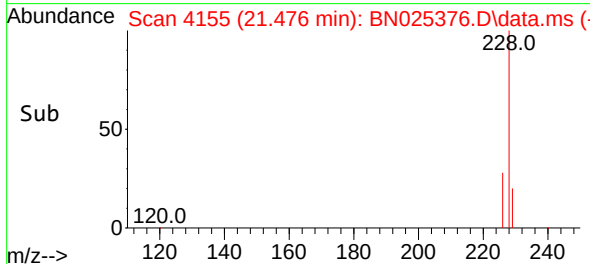
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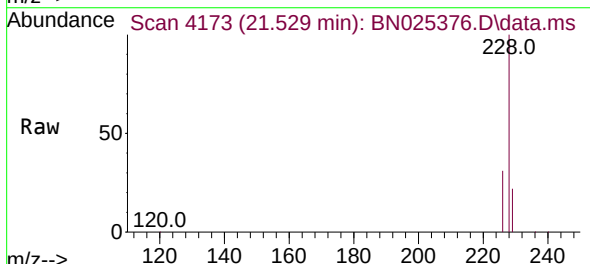
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Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.2 22.1 33.1

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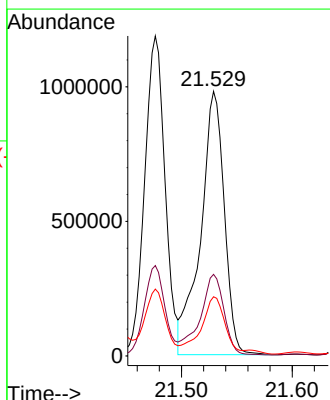
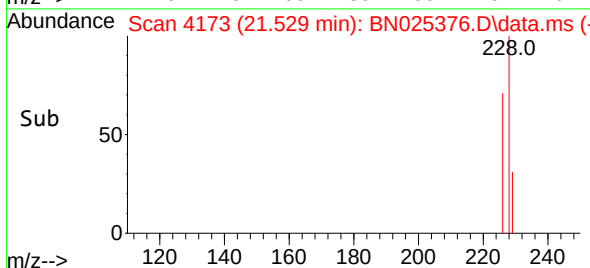
Reviewed By :Christian Giraldo 05/11/2023
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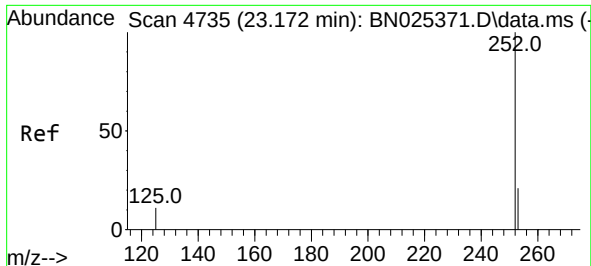


#22
Chrysene
Concen: 16.267 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09



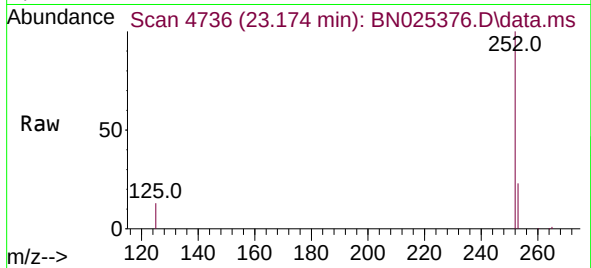
Tgt Ion:228 Resp: 1452512
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 14.022 ng/ul m
RT: 23.174 min Scan# 4735
Delta R.T. 0.003 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

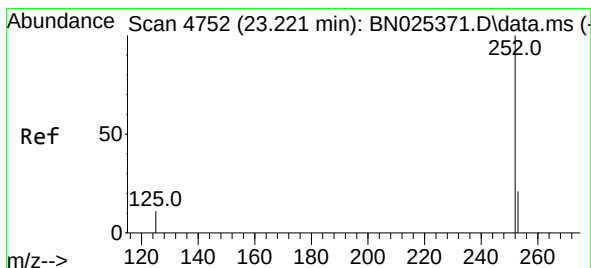
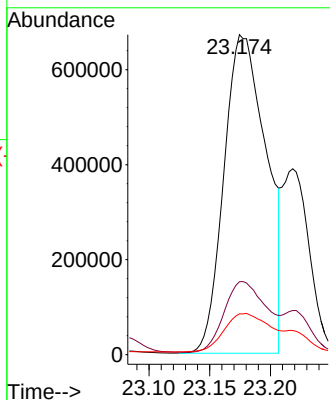
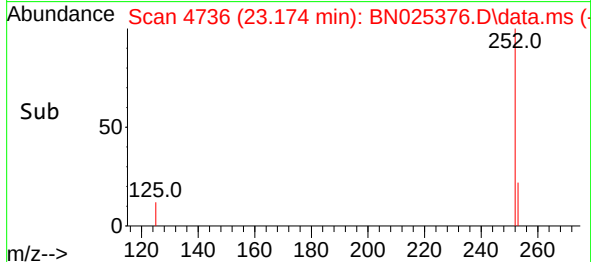
Instrument :
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Tgt Ion:252 Resp: 162492
Ion Ratio Lower Upper
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253 22.8 0.0 50.2
125 12.7 0.0 30.4

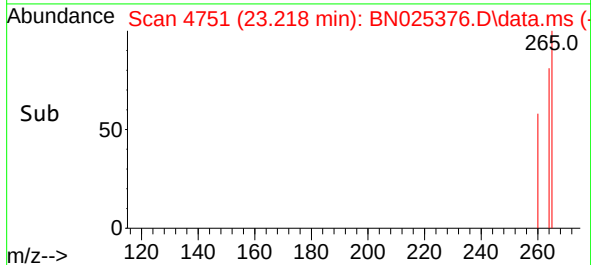
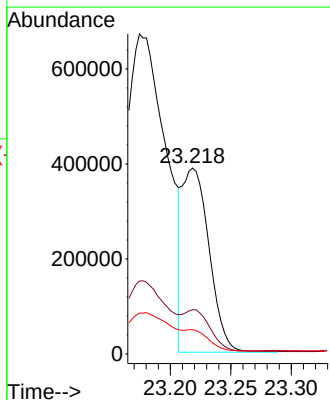
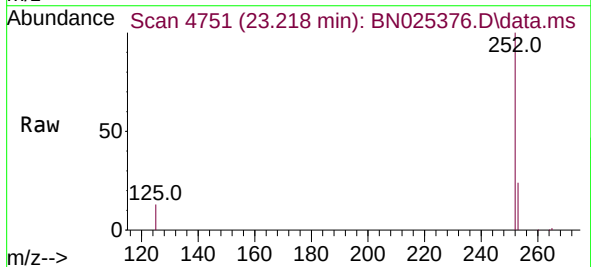
Manual Integrations
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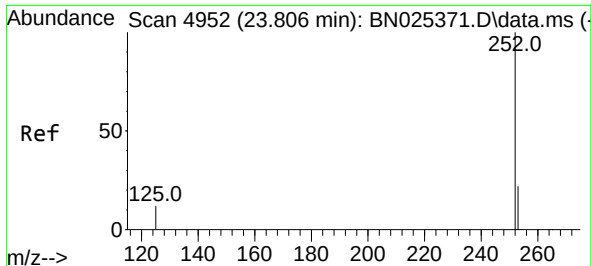
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Benzo(k)fluoranthene
Concen: 5.389 ng/ul m
RT: 23.218 min Scan# 4751
Delta R.T. -0.003 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

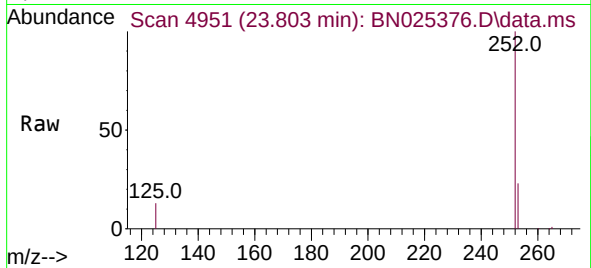
Tgt Ion:252 Resp: 600669
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.4
125 13.0 11.8 17.8





#26
Benzo(a)pyrene
Concen: 12.259 ng/ul
RT: 23.803 min Scan# 4951
Delta R.T. -0.003 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09

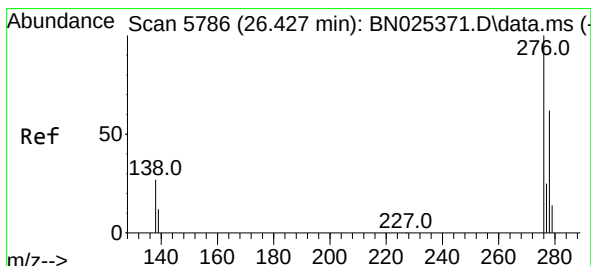
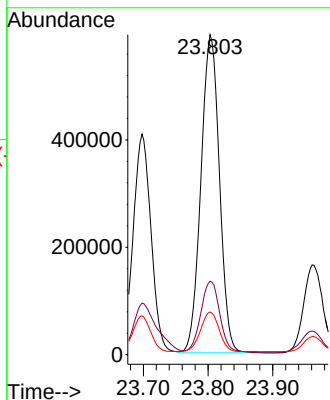
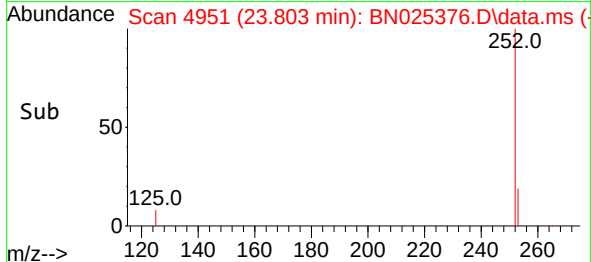
Instrument :
BNA_N
ClientSampleId :
EW949DL



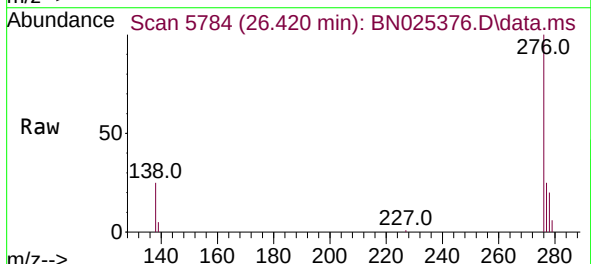
Tgt Ion:252 Resp: 1175418
Ion Ratio Lower Upper
252 100
253 22.9 21.4 32.2
125 13.3 14.6 22.0

Manual Integrations
APPROVED

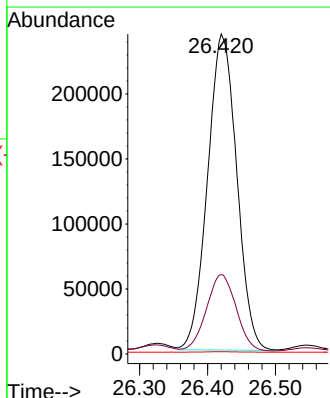
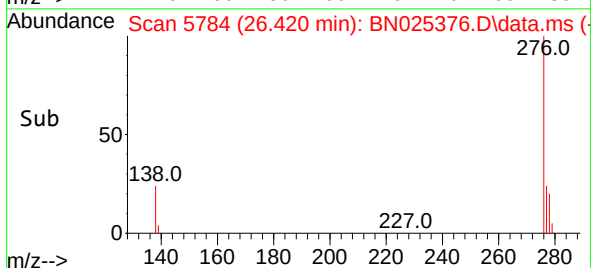
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

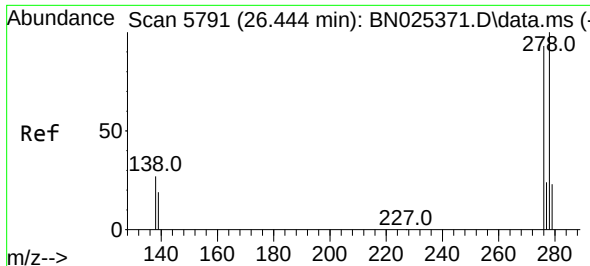


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.565 ng/ul
RT: 26.420 min Scan# 5784
Delta R.T. -0.007 min
Lab File: BN025376.D
Acq: 10 May 2023 12:09



Tgt Ion:276 Resp: 725274
Ion Ratio Lower Upper
276 100
138 24.6 21.9 32.9
227 0.2 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 2.067 ng/ul

RT: 26.427 min Scan# 5786

Delta R.T. -0.017 min

Lab File: BN025376.D

Acq: 10 May 2023 12:09

Instrument :

BNA_N

ClientSampleId :

EW949DL

Tgt Ion:278 Resp: 178392

Ion Ratio Lower Upper

278 100

139 24.2 17.0 25.6

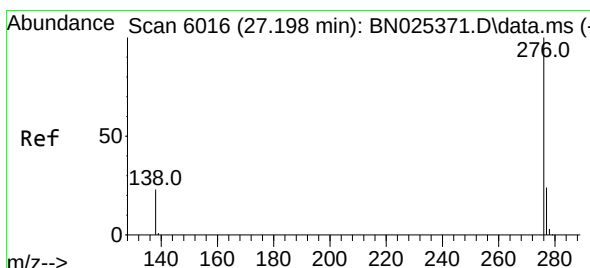
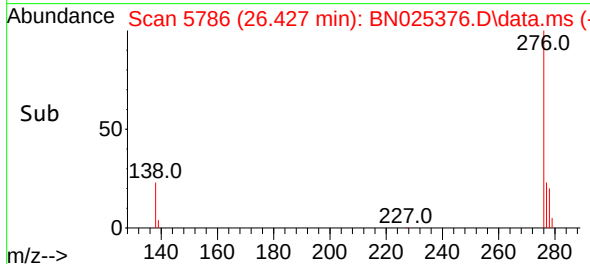
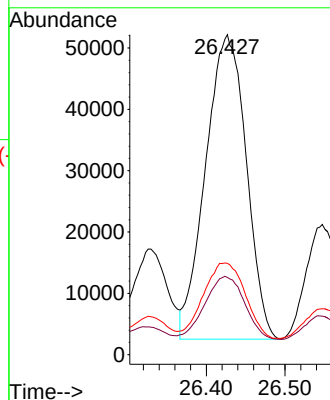
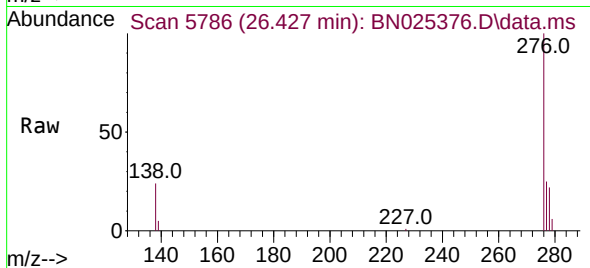
279 28.5 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#29

Benzo(g,h,i)perylene

Concen: 6.885 ng/ul

RT: 27.205 min Scan# 6018

Delta R.T. 0.006 min

Lab File: BN025376.D

Acq: 10 May 2023 12:09

Tgt Ion:276 Resp: 646732

Ion Ratio Lower Upper

276 100

138 24.9 20.3 30.5

277 24.5 19.8 29.6

