

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025388.D
 Acq On : 10 May 2023 19:43
 Operator : CG/JU
 Sample : 02479-15DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW974DL

Manual Integrations
 APPROVED

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

Quant Time: May 11 02:09:28 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 : Thu May 11 02:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	8306	0.400	ng/ul	0.00
4) Naphthalene-d8	10.714	136	26589	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.551	164	15203	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.300	188	33002	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	21062	0.400	ng/ul	# 0.00
23) Perylene-d12	23.910	264	21876	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3839	0.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.309	152	1294	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	2969	0.053	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.763	128	31486	0.462	ng/ul	99
7) 2-Methylnaphthalene	12.380	142	14776	0.354	ng/ul	99
8) 1-Methylnaphthalene	12.595	142	13897	0.312	ng/ul	99
10) Acenaphthylene	14.274	152	16456	0.291	ng/ul#	95
11) Acenaphthene	14.611	153	88213	1.848	ng/ul	98
12) Fluorene	15.601	166	98142	1.839	ng/ul	100
15) Phenanthrene	17.342	178	1637023	17.574	ng/ul	100
16) Anthracene	17.435	178	369001	4.842	ng/ul	99
19) Fluoranthene	19.363	202	2527426	33.184	ng/ul	98
20) Pyrene	19.725	202	2079098	26.568	ng/ul	98
21) Benzo(a)anthracene	21.475	228	870274	13.712	ng/ul	98
22) Chrysene	21.528	228	828303	11.964	ng/ul	97
24) Benzo(b)fluoranthene	23.177	252	1021986m	11.515	ng/ul	
25) Benzo(k)fluoranthene	23.217	252	364301m	4.267	ng/ul	
26) Benzo(a)pyrene	23.805	252	727978	9.913	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.433	276	498352	5.890	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.436	278	116392	1.761	ng/ul#	87
29) Benzo(g,h,i)perylene	27.214	276	410003	5.699	ng/ul	98

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

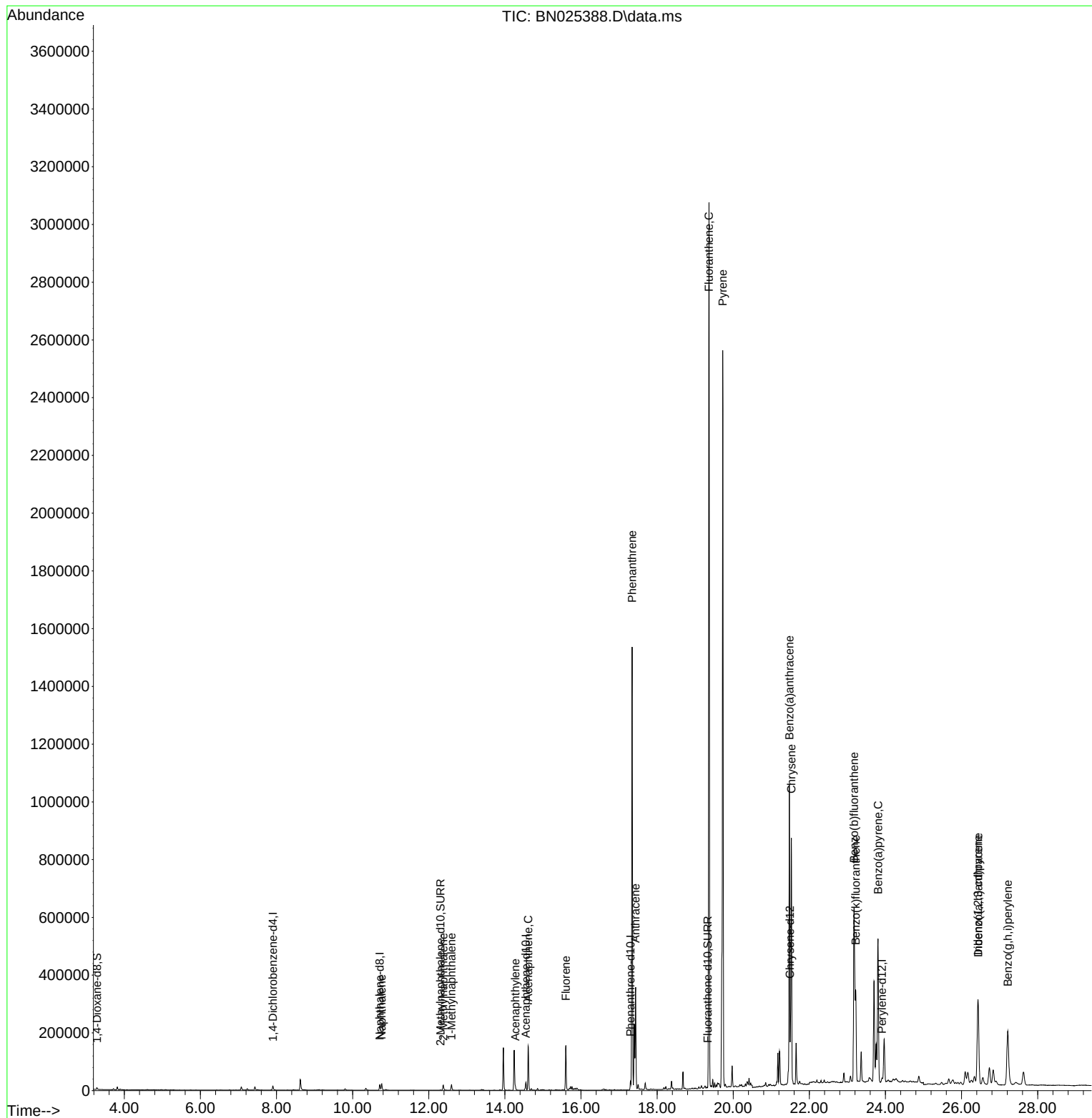
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025388.D
Acq On : 10 May 2023 19:43
Operator : CG/JU
Sample : 02479-15DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

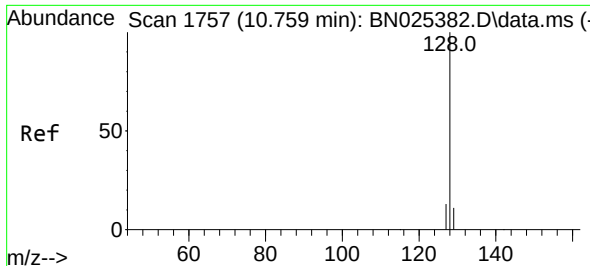
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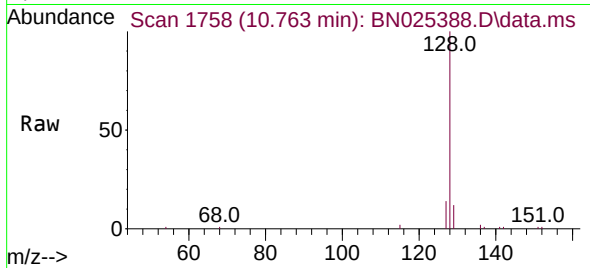
Quant Time: May 11 02:09:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 02:07:13 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.462 ng/ul
RT: 10.763 min Scan# 1758
Delta R.T. 0.004 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

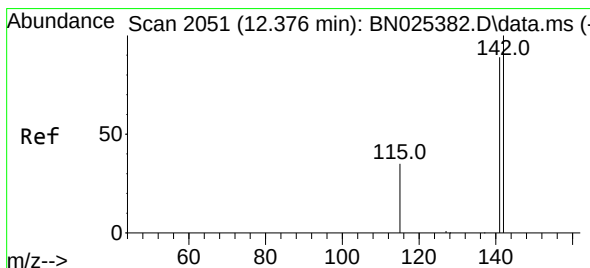
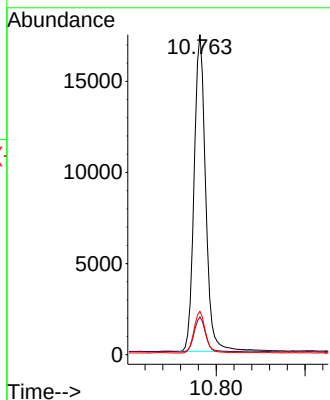
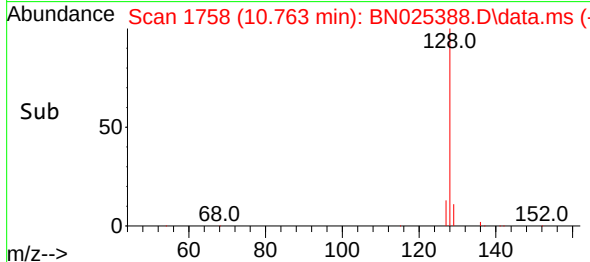
Instrument :
BNA_N
ClientSampleId :
EW974DL



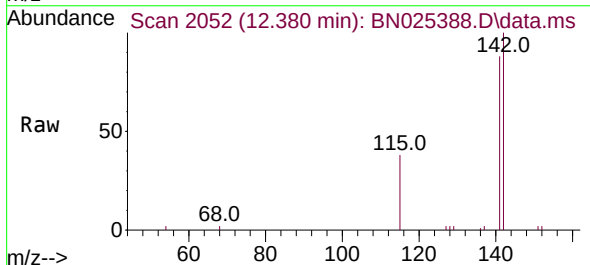
Tgt Ion:128 Resp: 31480
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.5 10.7 16.1

Manual Integrations
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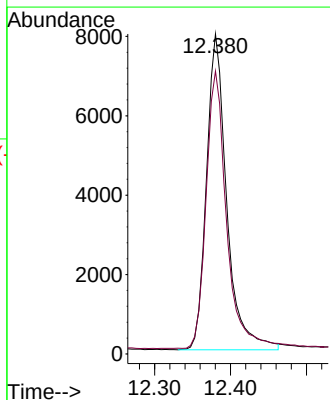
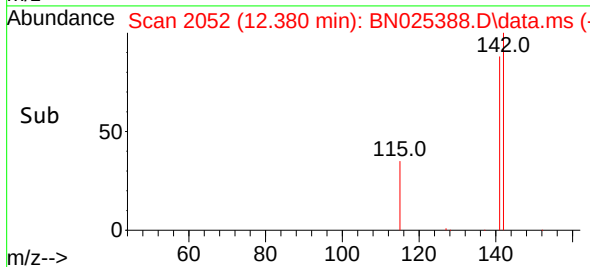
Reviewed By :Christian Giraldo 05/11/2023
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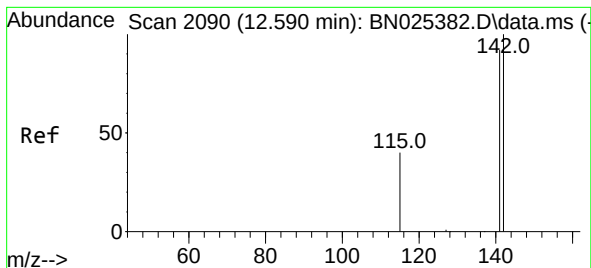


#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.380 min Scan# 2052
Delta R.T. 0.004 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43



Tgt Ion:142 Resp: 14776
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.312 ng/ul

RT: 12.595 min Scan# 2091

Delta R.T. 0.004 min

Lab File: BN025388.D

Acq: 10 May 2023 19:43

Instrument :

BNA_N

ClientSampleId :

EW974DL

Tgt Ion:142 Resp: 1389

Ion Ratio Lower Upper

142 100

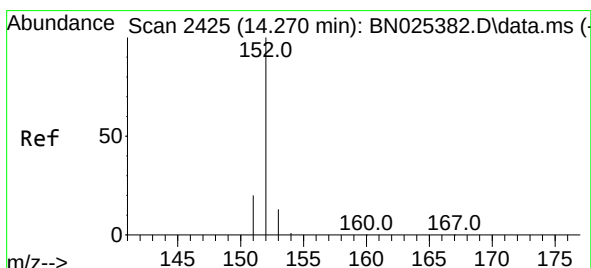
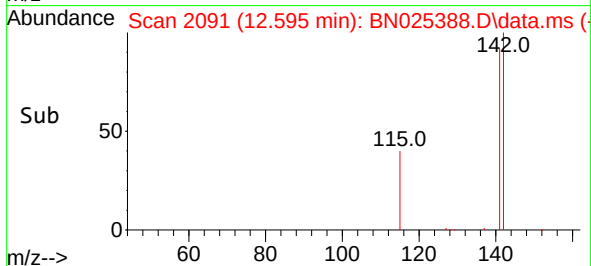
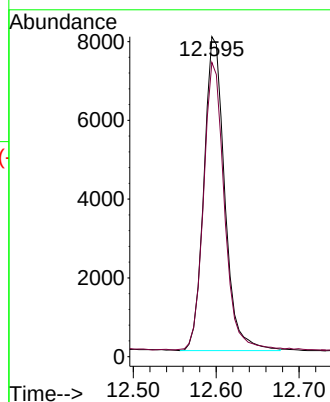
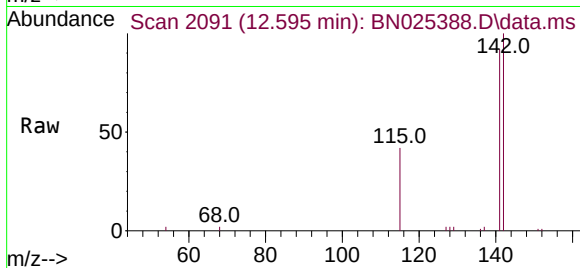
141 91.2 73.8 110.6

Manual Integrations

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#10

Acenaphthylene

Concen: 0.291 ng/ul

RT: 14.274 min Scan# 2426

Delta R.T. 0.003 min

Lab File: BN025388.D

Acq: 10 May 2023 19:43

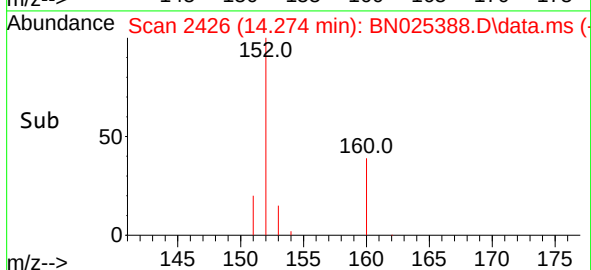
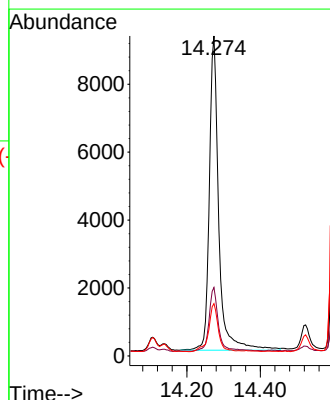
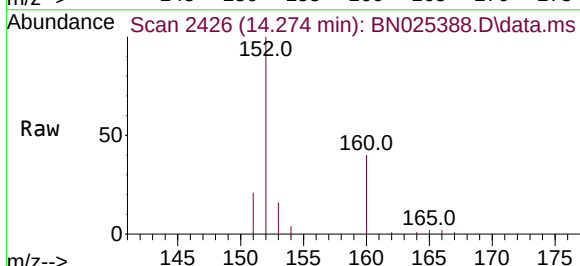
Tgt Ion:152 Resp: 16456

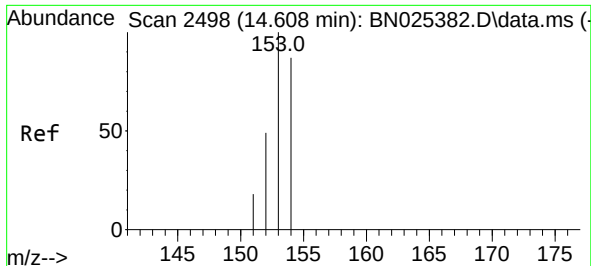
Ion Ratio Lower Upper

152 100

151 21.4 16.0 24.0

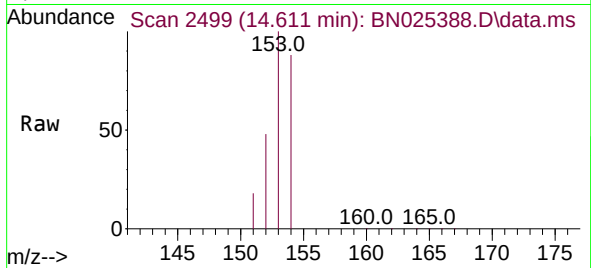
153 16.4 10.8 16.2#





#11
Acenaphthene
Concen: 1.848 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. 0.003 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

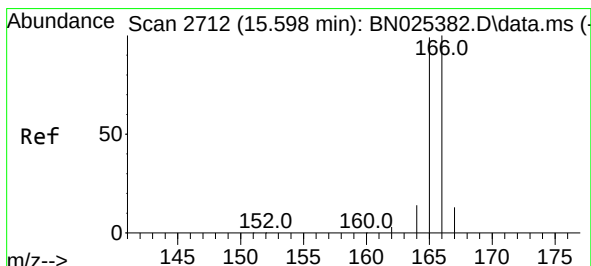
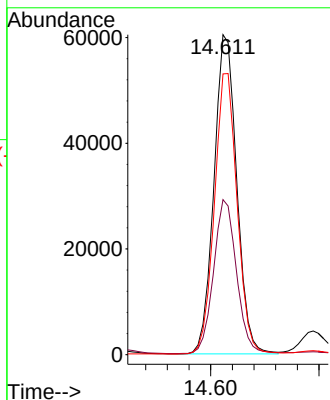
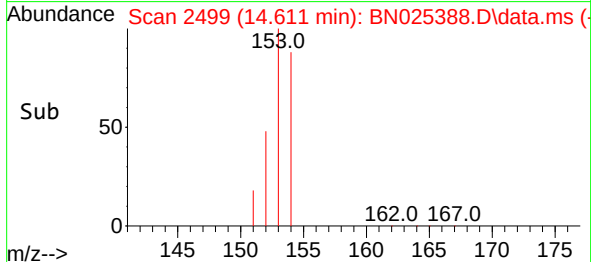
Instrument :
BNA_N
ClientSampleId :
EW974DL



Tgt Ion:153 Resp: 8821
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 87.8 69.4 104.2

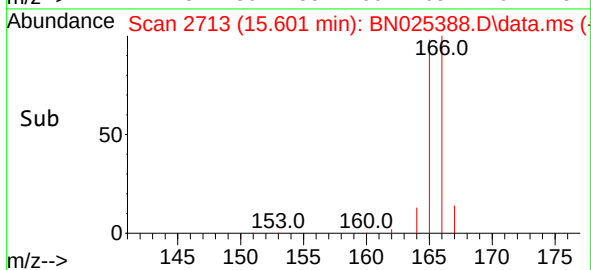
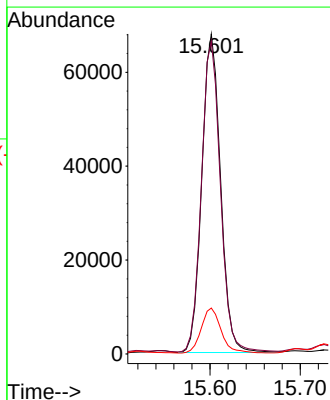
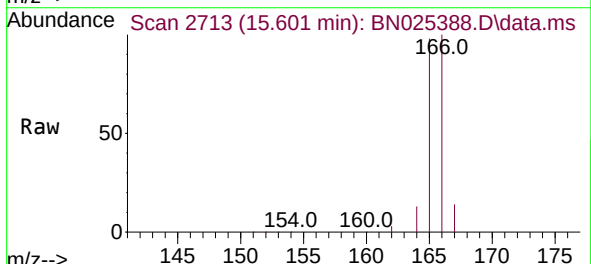
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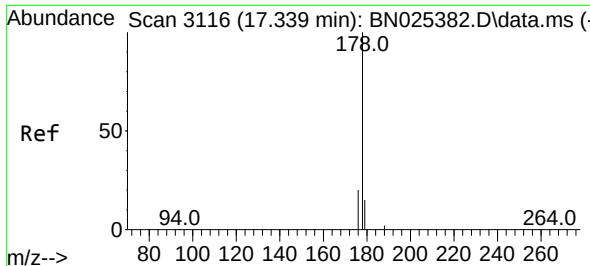
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#12
Fluorene
Concen: 1.839 ng/ul
RT: 15.601 min Scan# 2713
Delta R.T. 0.003 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

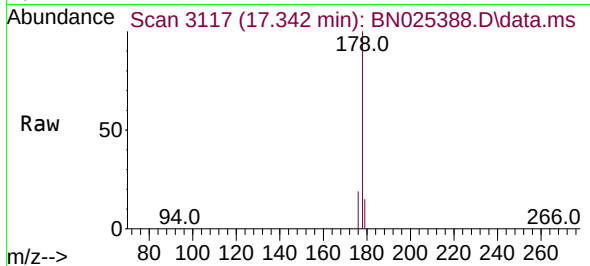
Tgt Ion:166 Resp: 98142
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 14.4 11.0 16.6





#15
Phenanthrene
Concen: 17.574 ng/ul
RT: 17.342 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

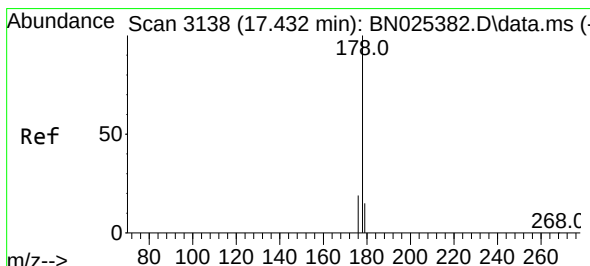
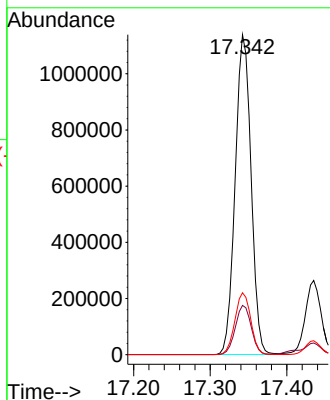
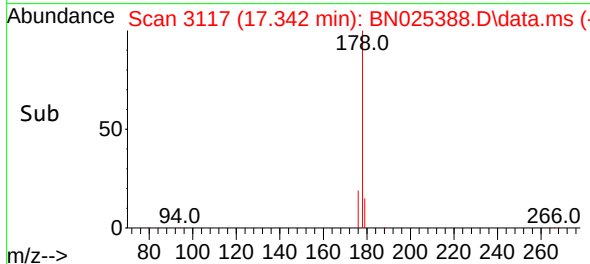
Instrument :
BNA_N
ClientSampleId :
EW974DL



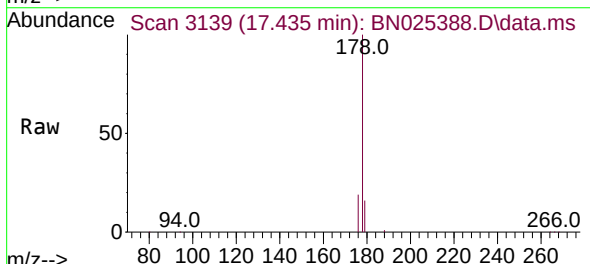
Tgt Ion:178 Resp: 1637023
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.3 15.6 23.4

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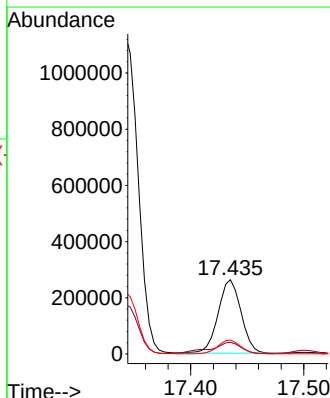
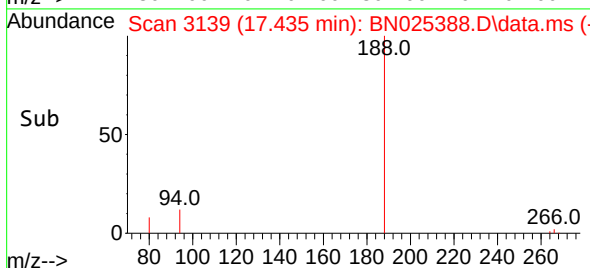
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

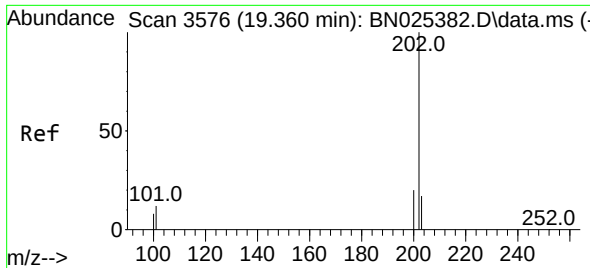


#16
Anthracene
Concen: 4.842 ng/ul
RT: 17.435 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43



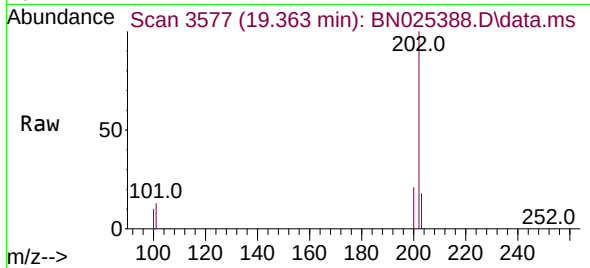
Tgt Ion:178 Resp: 369001
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 18.7 15.3 22.9





#19
Fluoranthene
Concen: 33.184 ng/ul
RT: 19.363 min Scan# 3576
Delta R.T. 0.003 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

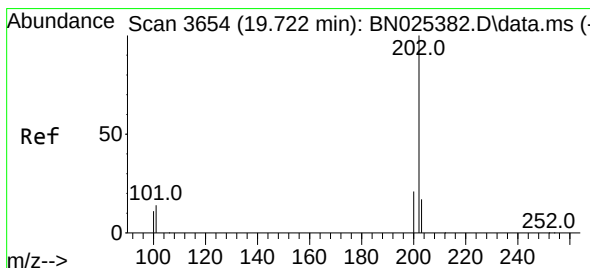
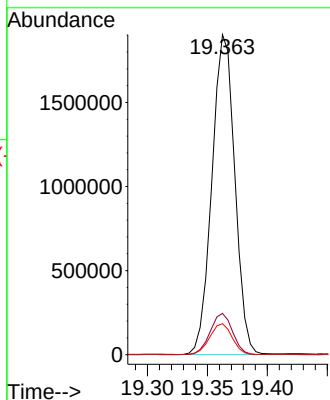
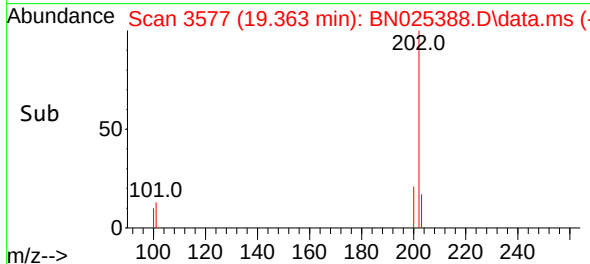
Instrument :
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EW974DL



Tgt Ion:202 Resp: 2527420
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.7 7.3 10.9

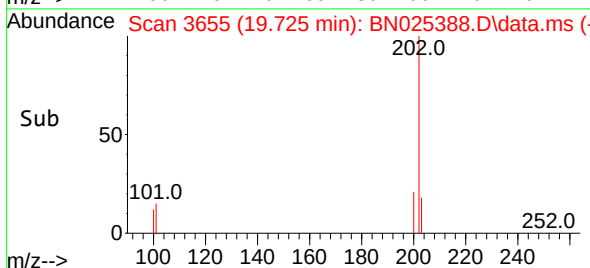
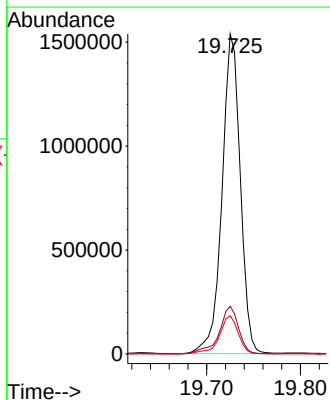
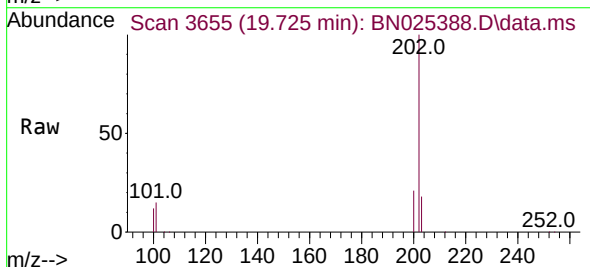
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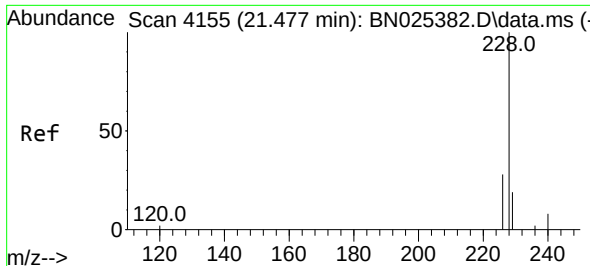
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#20
Pyrene
Concen: 26.568 ng/ul
RT: 19.725 min Scan# 3655
Delta R.T. 0.003 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

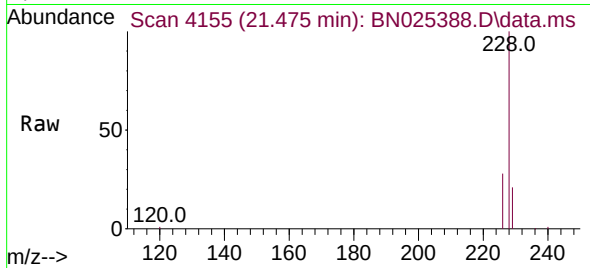
Tgt Ion:202 Resp: 2079098
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 11.9 9.2 13.8





#21
Benzo(a)anthracene
Concen: 13.712 ng/ul
RT: 21.475 min Scan# 4155
Delta R.T. -0.002 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

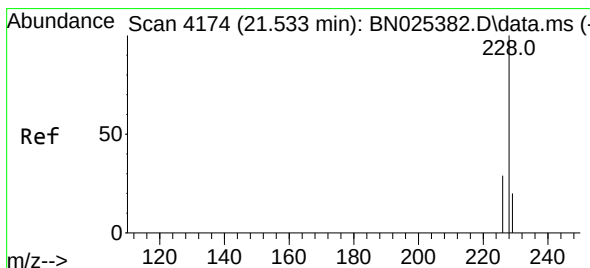
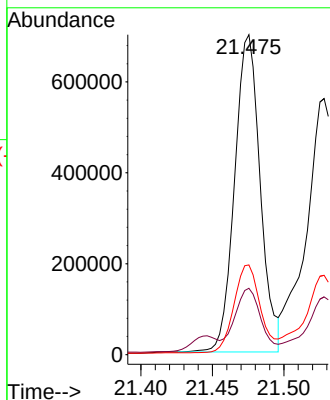
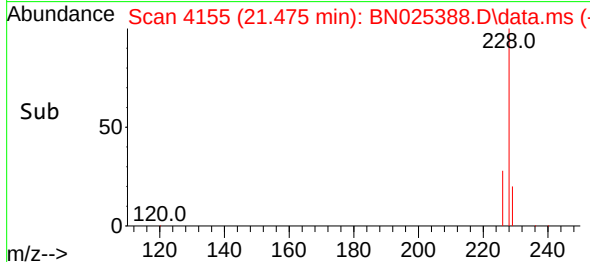
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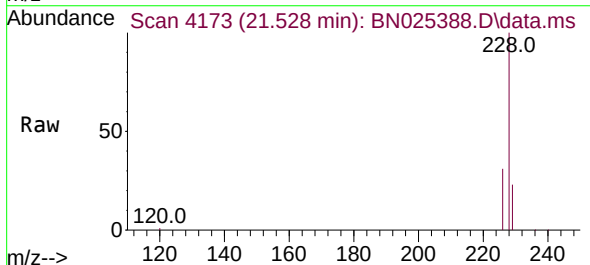
Tgt Ion:228 Resp: 870274
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.1 22.1 33.1

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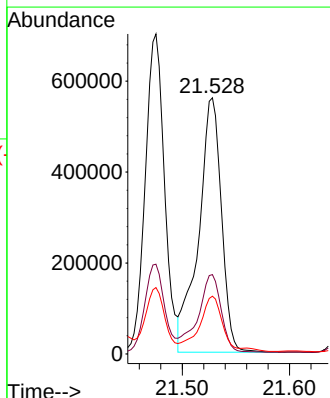
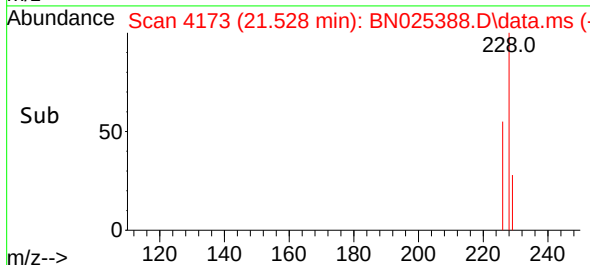
Reviewed By :Christian Giraldo 05/11/2023
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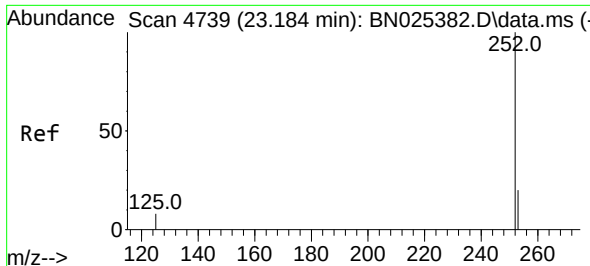


#22
Chrysene
Concen: 11.964 ng/ul
RT: 21.528 min Scan# 4173
Delta R.T. -0.005 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43



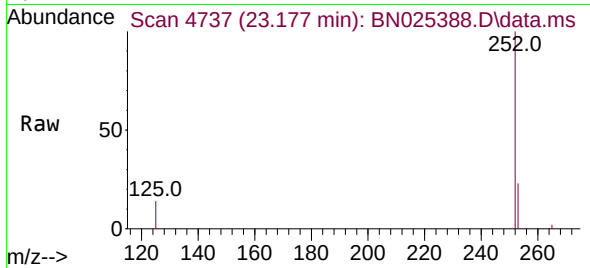
Tgt Ion:228 Resp: 828303
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.515 ng/ul m
RT: 23.177 min Scan# 4737
Delta R.T. -0.008 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

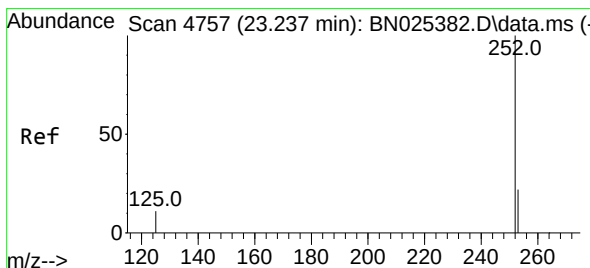
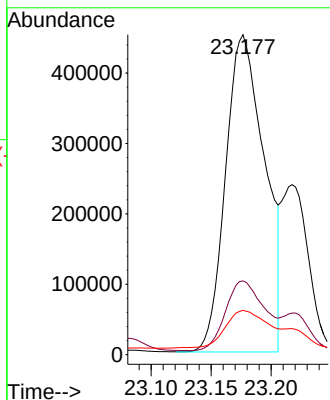
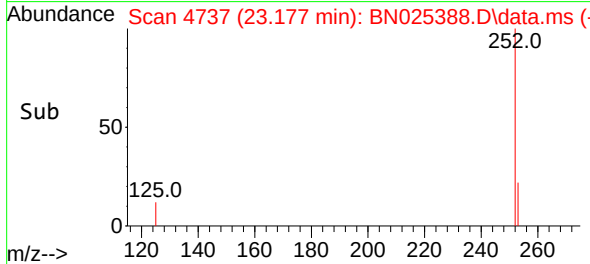
Instrument :
BNA_N
ClientSampleId :
EW974DL



Tgt Ion:252 Resp: 1021980
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 13.9 0.0 30.4

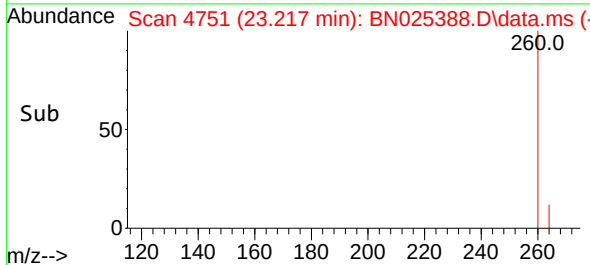
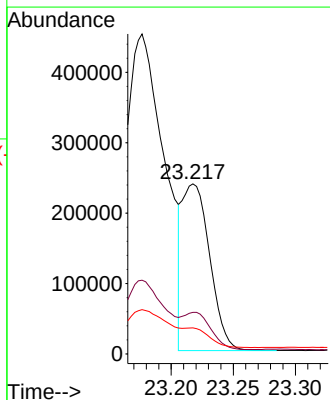
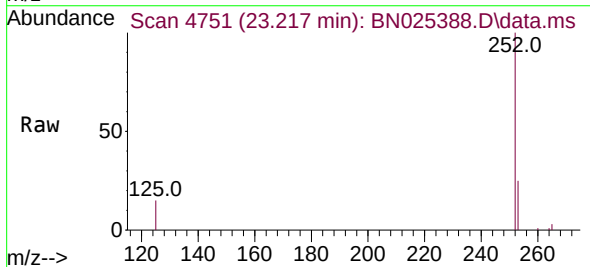
Manual Integrations
APPROVED

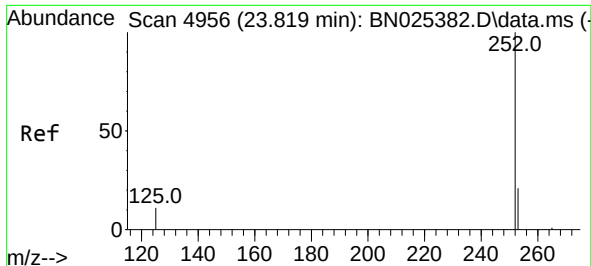
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Benzo(k)fluoranthene
Concen: 4.267 ng/ul m
RT: 23.217 min Scan# 4751
Delta R.T. -0.019 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

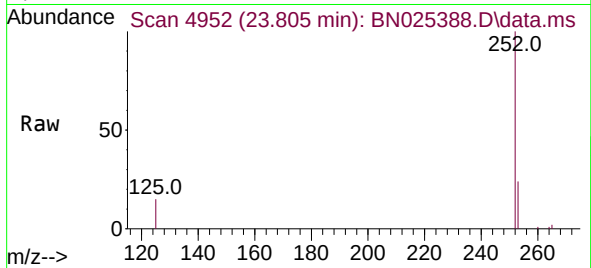
Tgt Ion:252 Resp: 364301
Ion Ratio Lower Upper
252 100
253 24.5 20.2 30.4
125 15.3 11.8 17.8





#26
Benzo(a)pyrene
Concen: 9.913 ng/ul
RT: 23.805 min Scan# 4956
Delta R.T. -0.013 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

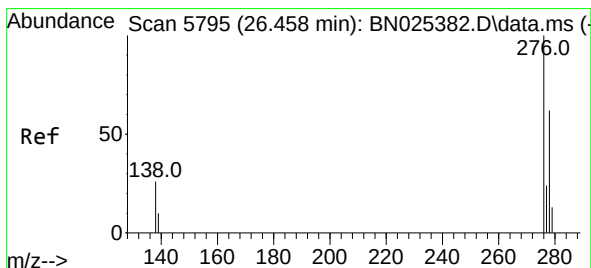
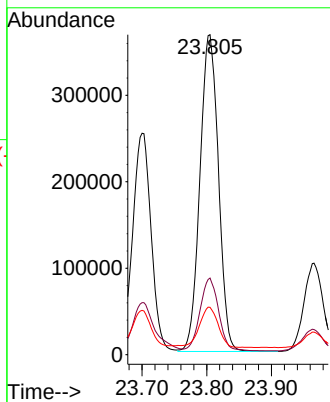
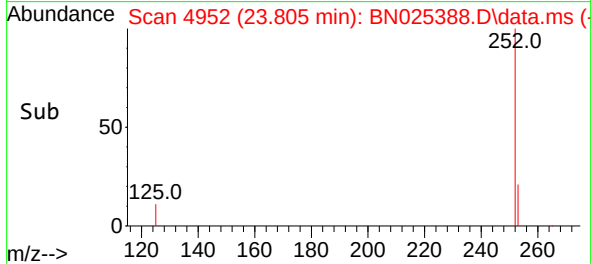
Instrument :
BNA_N
ClientSampleId :
EW974DL



Tgt Ion:252 Resp: 727978
Ion Ratio Lower Upper
252 100
253 24.0 21.4 32.2
125 14.8 14.6 22.0

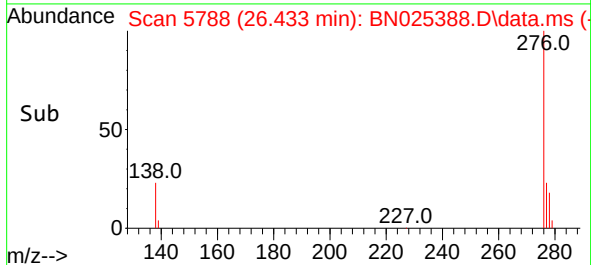
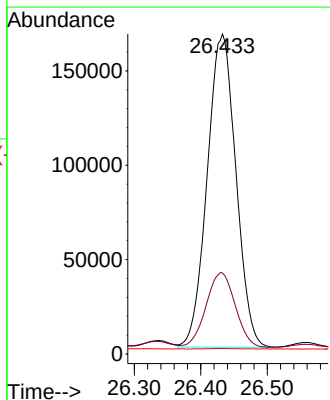
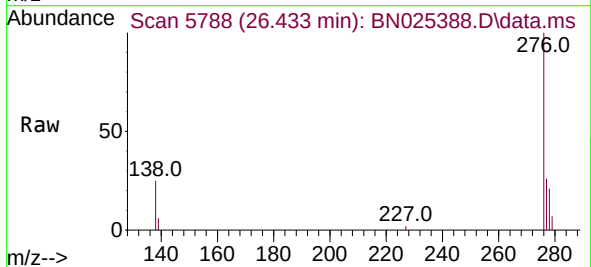
Manual Integrations
APPROVED

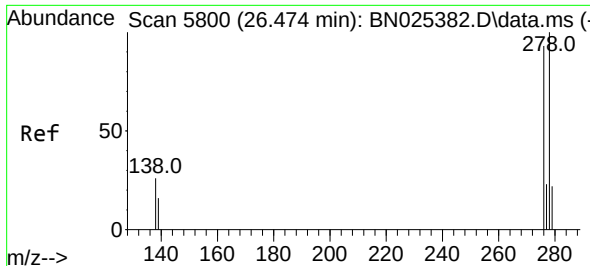
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.890 ng/ul
RT: 26.433 min Scan# 5788
Delta R.T. -0.025 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

Tgt Ion:276 Resp: 498352
Ion Ratio Lower Upper
276 100
138 24.3 21.9 32.9
227 0.2 0.1 0.1#





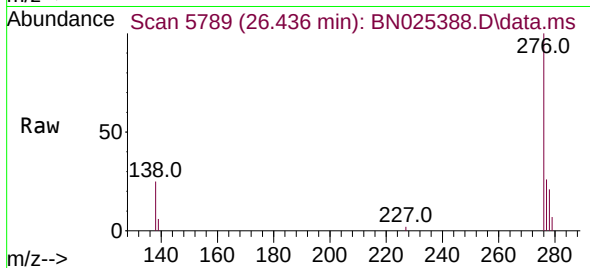
#28
Dibenzo(a,h)anthracene
Concen: 1.761 ng/ul
RT: 26.436 min Scan# 51
Delta R.T. -0.039 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43

Instrument :

BNA_N

ClientSampleId :

EW974DL

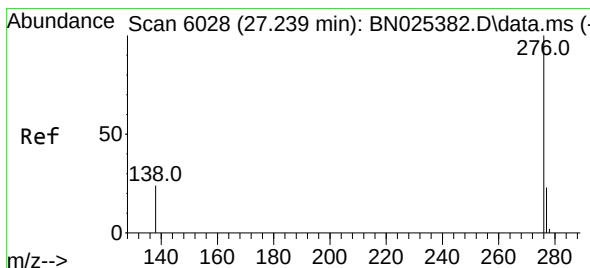
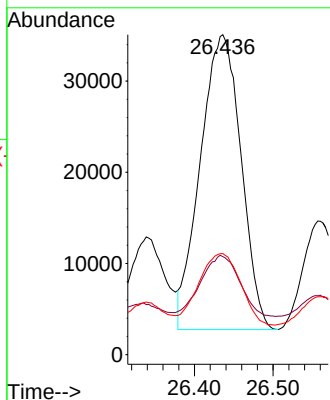
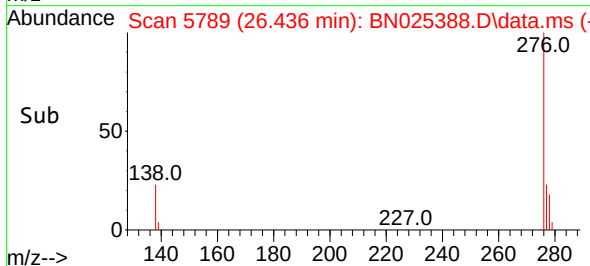


Tgt Ion:278 Resp: 116392
Ion Ratio Lower Upper
278 100
139 30.7 17.0 25.6
279 31.6 21.8 32.8

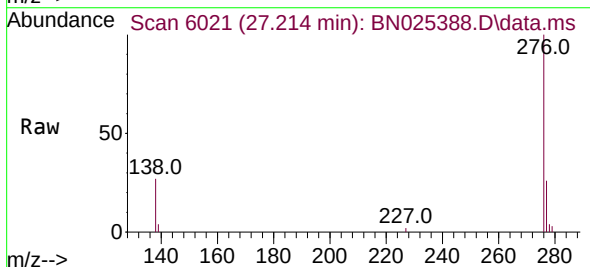
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 5.699 ng/ul
RT: 27.214 min Scan# 6021
Delta R.T. -0.025 min
Lab File: BN025388.D
Acq: 10 May 2023 19:43



Tgt Ion:276 Resp: 410003
Ion Ratio Lower Upper
276 100
138 26.6 20.3 30.5
277 25.5 19.8 29.6

