

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025230.D
 Acq On : 02 May 2023 20:58
 Operator : CG/JU
 Sample : 02419-26RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW923RE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:31:14 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	9182	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	30842	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	21043	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	42124	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	33118	0.400	ng/ul	# 0.02
23) Perylene-d12	23.978	264	65624	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	21774	2.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	7478	0.189	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	16341	0.187	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	173816	2.199	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	88758	1.834	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	101749	1.972	ng/ul	100
10) Acenaphthylene	14.283	152	859487	10.964	ng/ul	99
11) Acenaphthene	14.621	153	444294	6.724	ng/ul	99
12) Fluorene	15.606	166	696563	9.429	ng/ul	99
14) Pentachlorophenol	16.967	266	597	0.072	ng/ul	98
15) Phenanthrene	17.359	178	13355277	112.323	ng/ul	97
16) Anthracene	17.448	178	4438872	45.635	ng/ul	99
19) Fluoranthene	19.377	202	22747432	189.940	ng/ul#	86
20) Pyrene	19.744	202	22014056	178.907	ng/ul#	79
21) Benzo(a)anthracene	21.505	228	16361126	163.944	ng/ul#	89
22) Chrysene	21.564	228	16522508	151.770	ng/ul#	89
24) Benzo(b)fluoranthene	23.245	252	19094605m	71.718	ng/ul	
25) Benzo(k)fluoranthene	23.280	252	7752383m	30.271	ng/ul	
26) Benzo(a)pyrene	23.885	252	12977903	58.914	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.554	276	8884006	35.003	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.554	278	2363655	11.922	ng/ul	98
29) Benzo(g,h,i)perylene	27.342	276	7549261	34.980	ng/ul	99

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

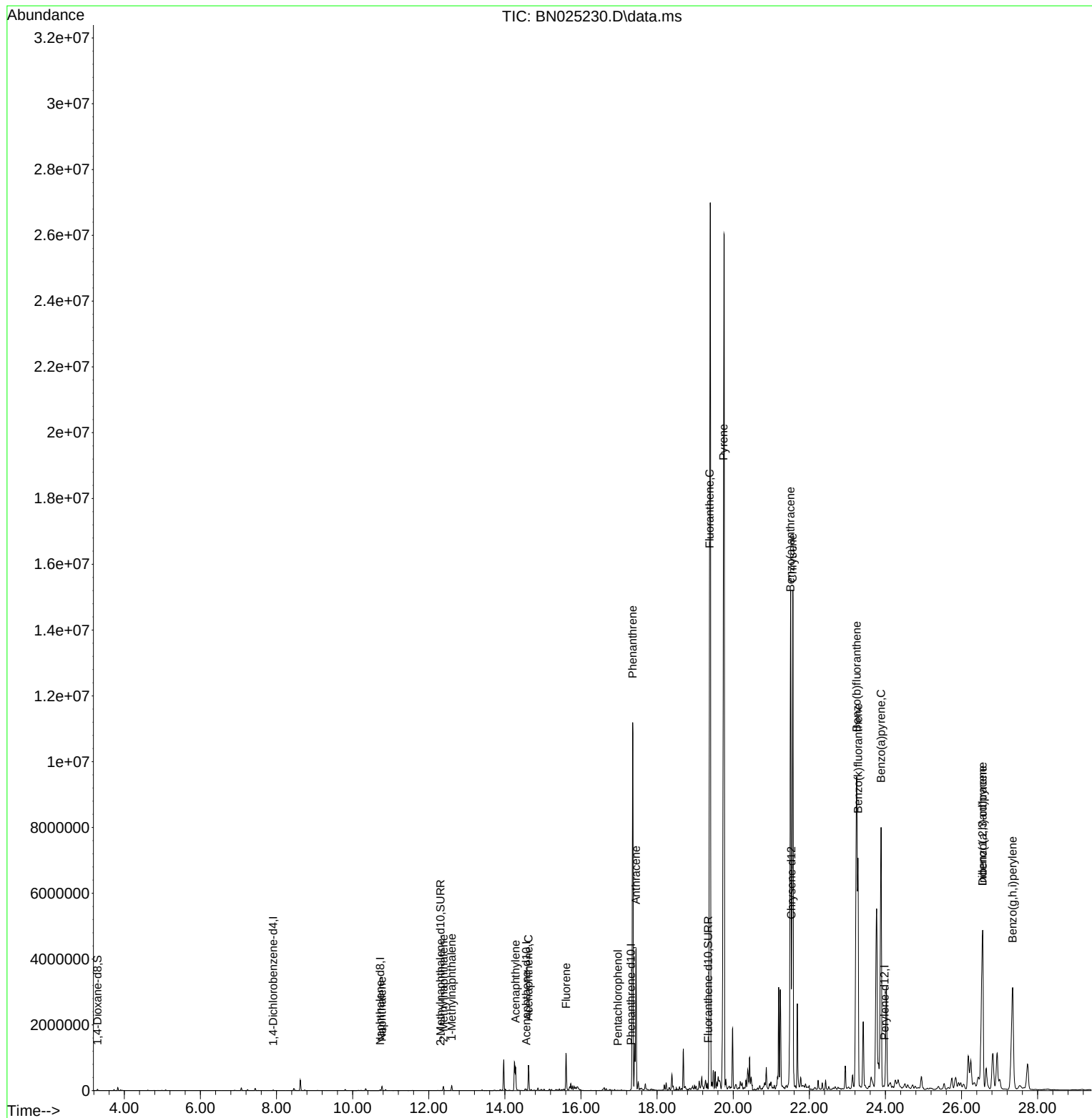
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
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ALS Vial : 18 Sample Multiplier: 1

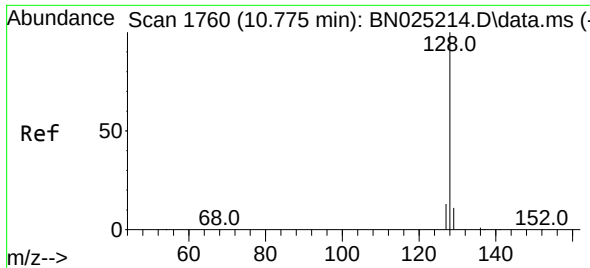
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
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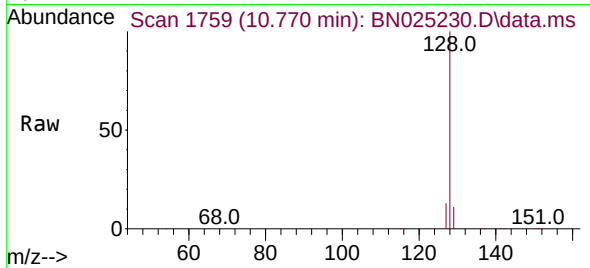
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023





#5
Naphthalene
Concen: 2.199 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

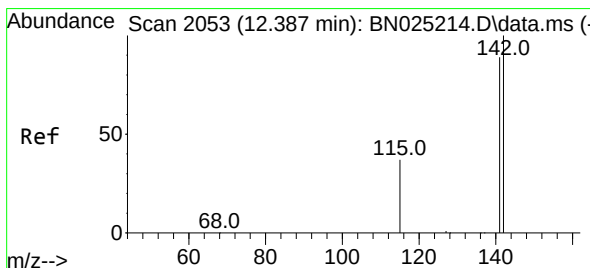
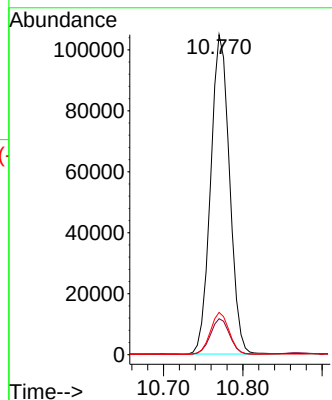
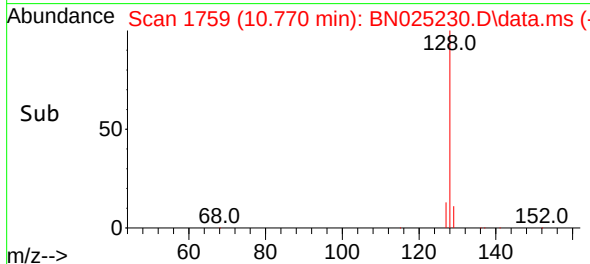
Instrument :
BNA_N
ClientSampleId :
EW923RE



Tgt Ion:128 Resp: 173810
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.7 16.1

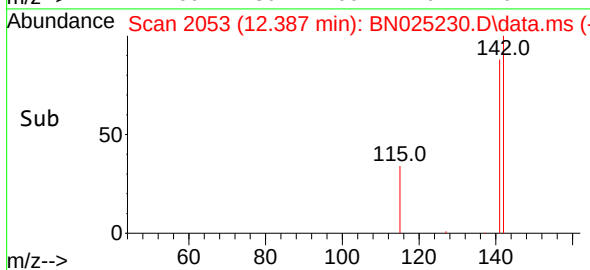
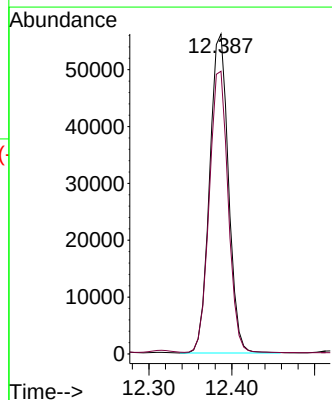
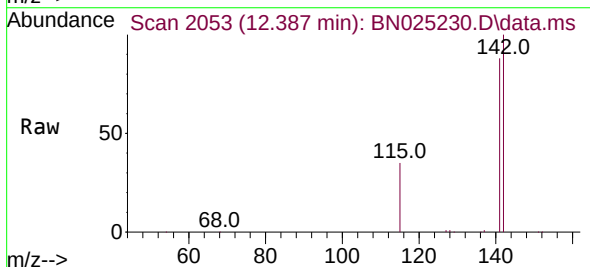
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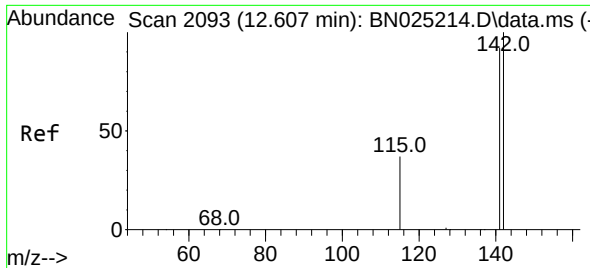
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#7
2-Methylnaphthalene
Concen: 1.834 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

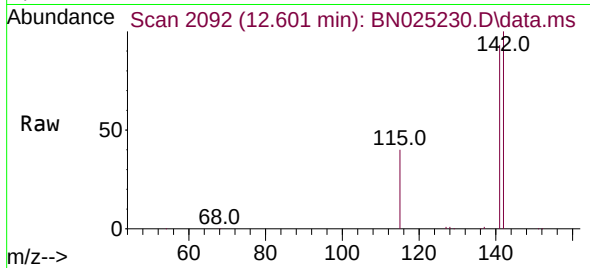
Tgt Ion:142 Resp: 88758
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0





#8
1-Methylnaphthalene
Concen: 1.972 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

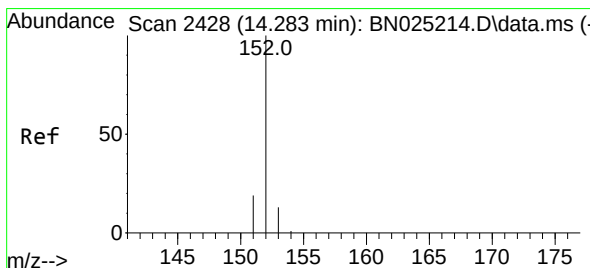
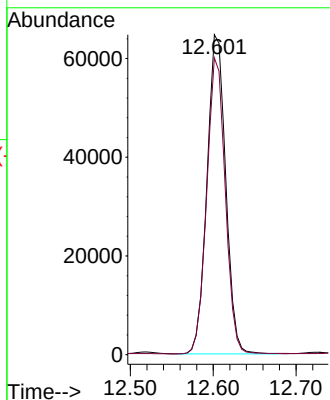
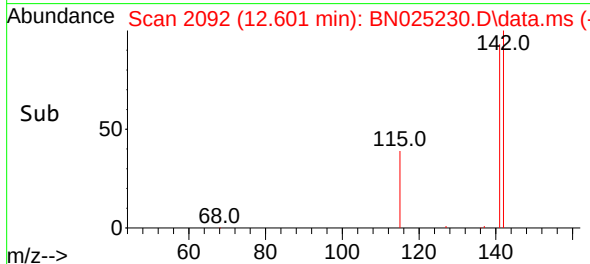
Instrument :
BNA_N
ClientSampleId :
EW923RE



Tgt Ion:142 Resp: 101749
Ion Ratio Lower Upper
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141 91.8 73.8 110.6

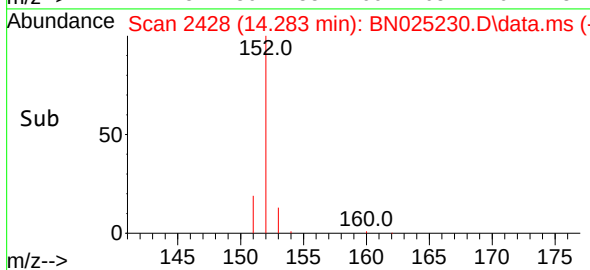
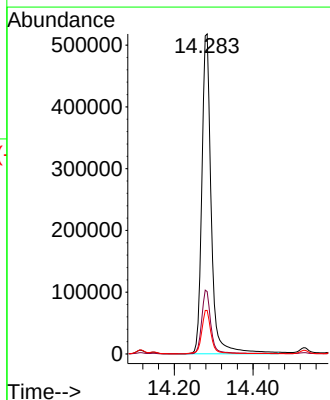
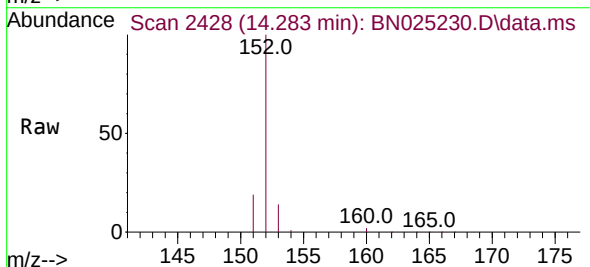
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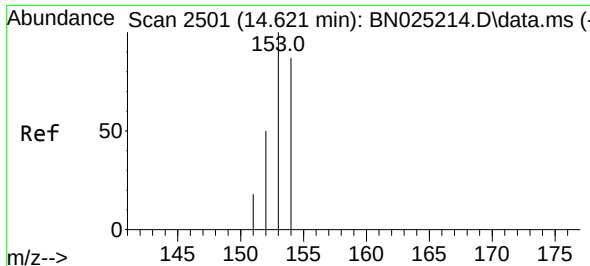
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#10
Acenaphthylene
Concen: 10.964 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

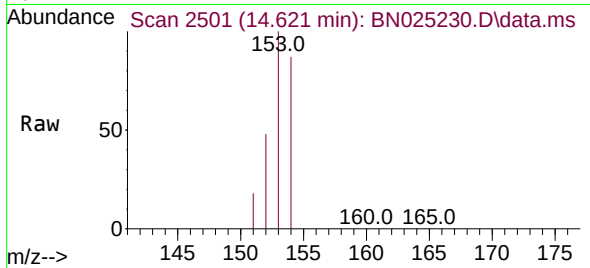
Tgt Ion:152 Resp: 859487
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.6 10.8 16.2





#11
Acenaphthene
Concen: 6.724 ng/ul
RT: 14.621 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

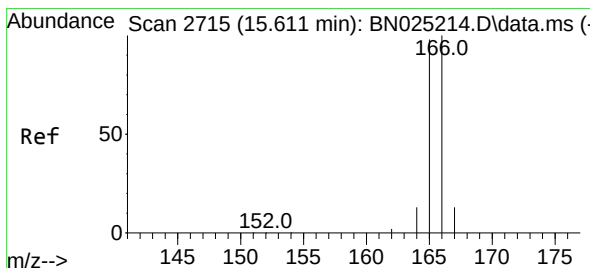
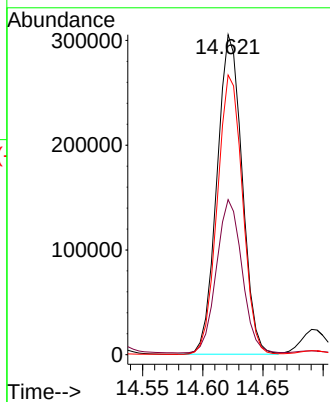
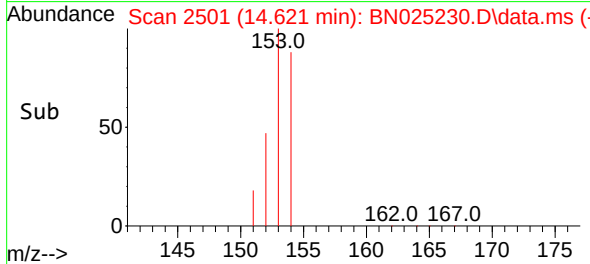
Instrument :
BNA_N
ClientSampleId :
EW923RE



Tgt Ion:153 Resp: 444294
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 87.4 69.4 104.2

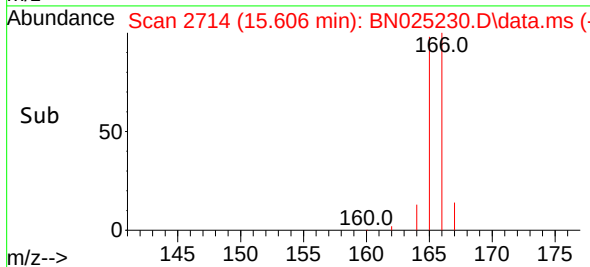
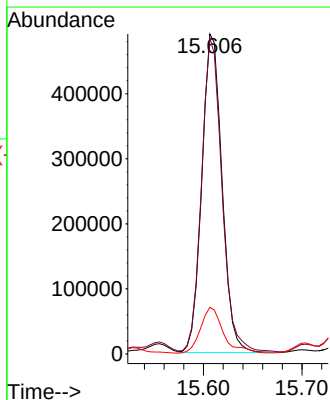
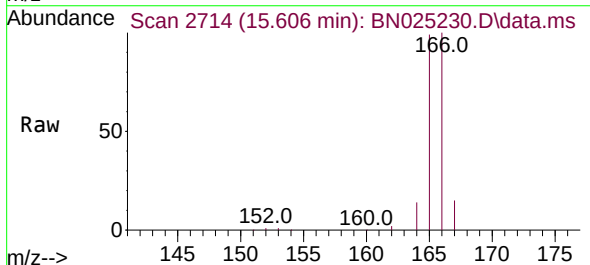
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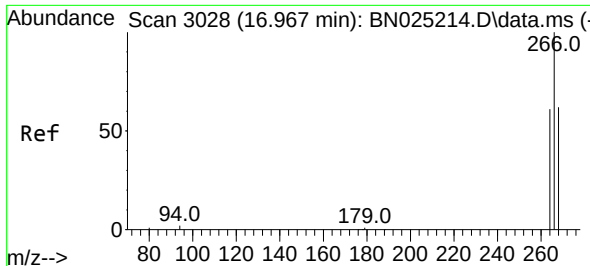
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#12
Fluorene
Concen: 9.429 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.005 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

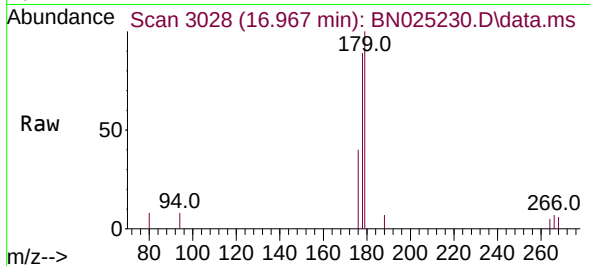
Tgt Ion:166 Resp: 696563
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 14.6 11.0 16.6





#14
Pentachlorophenol
Concen: 0.072 ng/ul
RT: 16.967 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

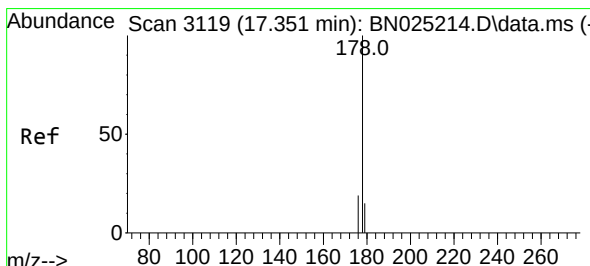
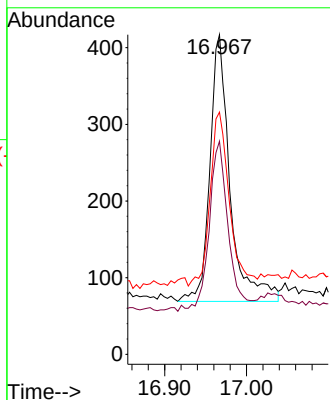
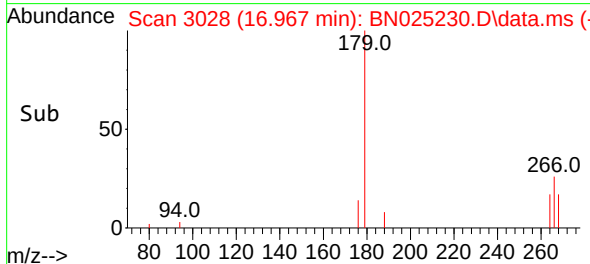
Instrument :
BNA_N
ClientSampleId :
EW923RE



Tgt Ion:266 Resp: 597
Ion Ratio Lower Upper
266 100
264 60.8 49.6 74.4
268 62.1 51.3 76.9

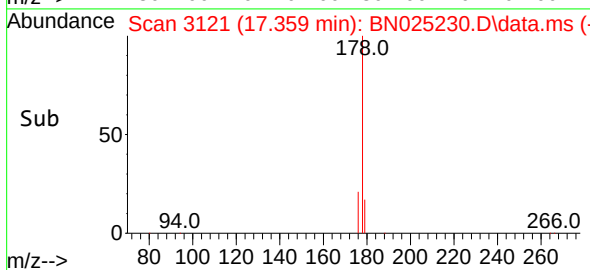
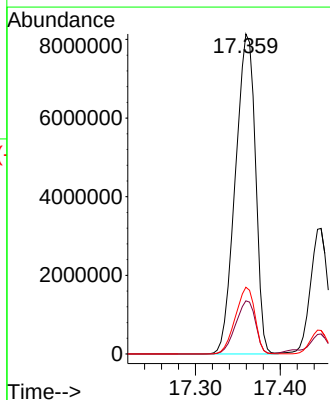
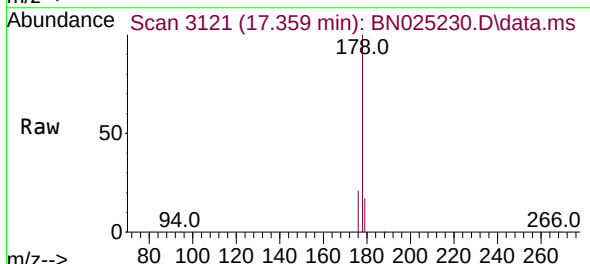
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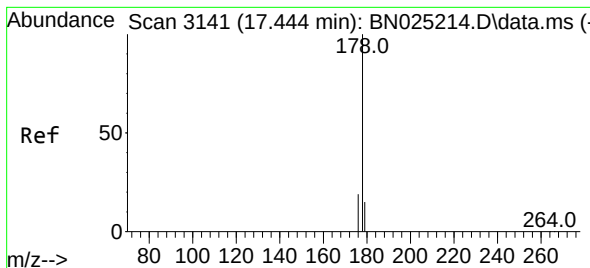
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#15
Phenanthrene
Concen: 112.323 ng/ul
RT: 17.359 min Scan# 3121
Delta R.T. 0.009 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

Tgt Ion:178 Resp:13355277
Ion Ratio Lower Upper
178 100
179 16.6 12.5 18.7
176 20.8 15.6 23.4





#16

Anthracene

Concen: 45.635 ng/u1

RT: 17.448 min Scan# 3141

Delta R.T. 0.004 min

Lab File: BN025230.D

Acq: 02 May 2023 20:58

Instrument :

BNA_N

ClientSampleId :

EW923RE

Tgt Ion:178 Resp: 4438872

Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

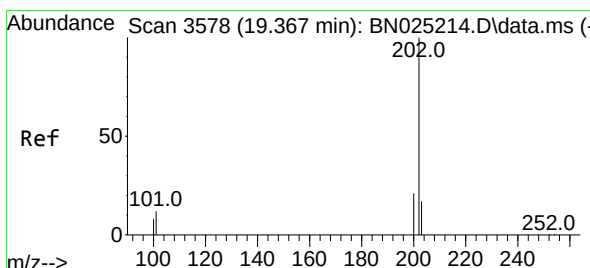
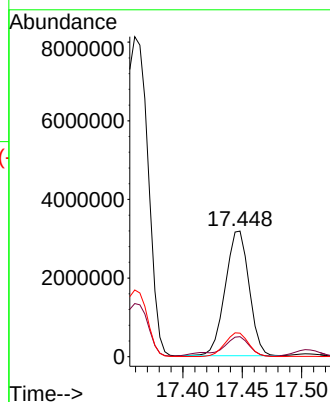
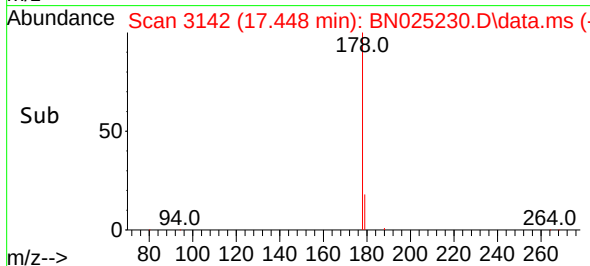
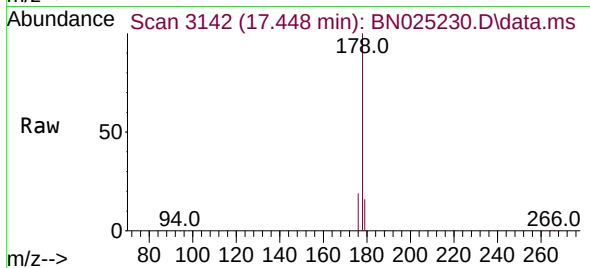
176 18.7 15.3 22.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#19

Fluoranthene

Concen: 189.940 ng/u1

RT: 19.377 min Scan# 3580

Delta R.T. 0.010 min

Lab File: BN025230.D

Acq: 02 May 2023 20:58

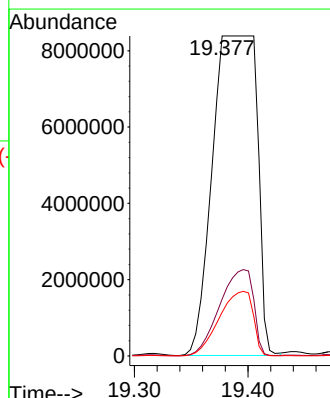
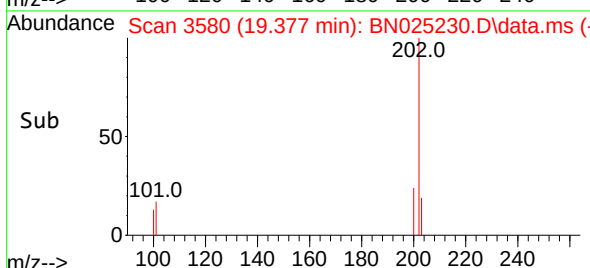
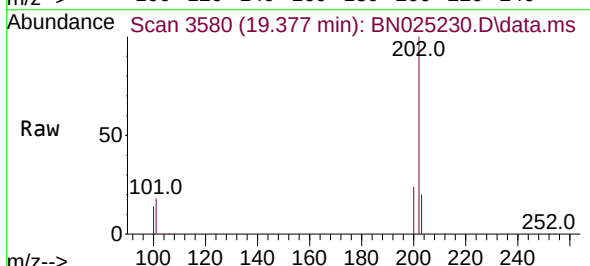
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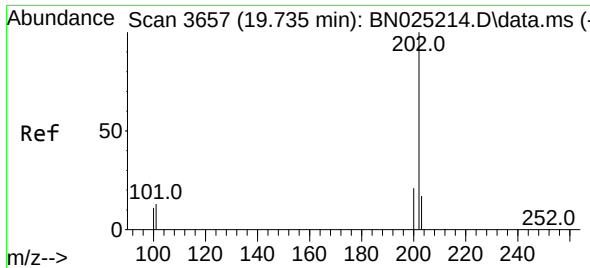
Ion Ratio Lower Upper

202 100

101 17.8 9.7 14.5#

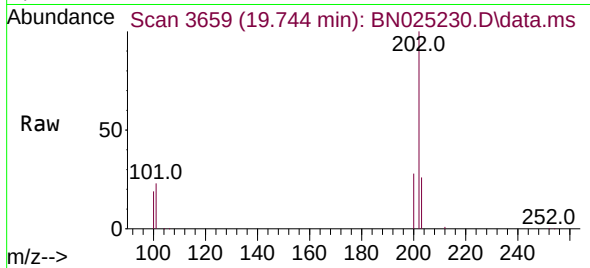
100 13.7 7.3 10.9#





#20
Pyrene
Concen: 178.907 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. 0.010 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

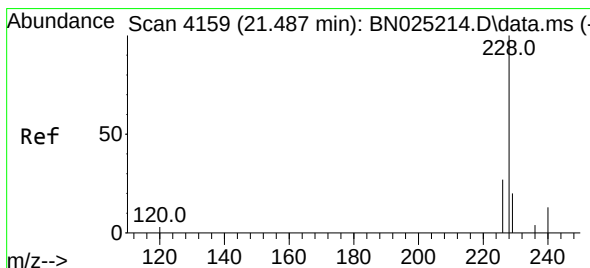
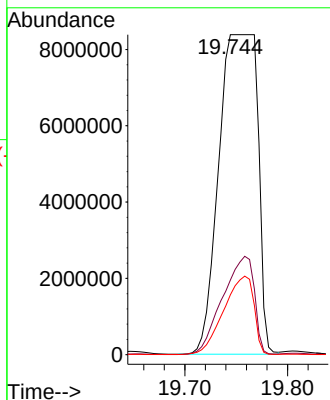
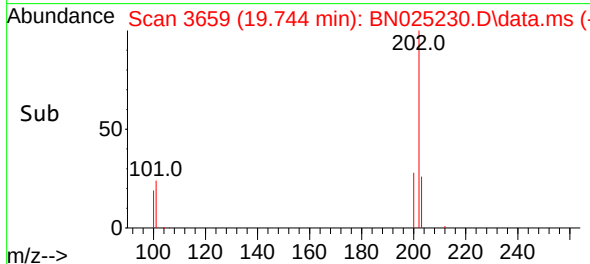
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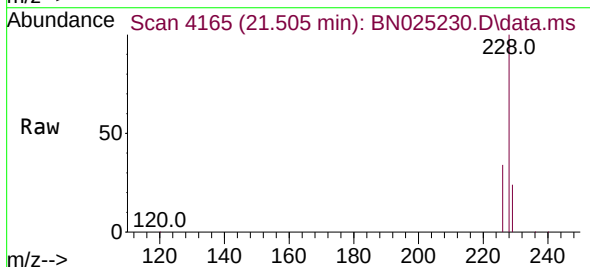
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202 100
101 23.3 11.3 16.9#
100 18.7 9.2 13.8#

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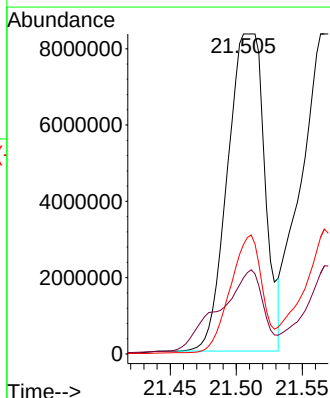
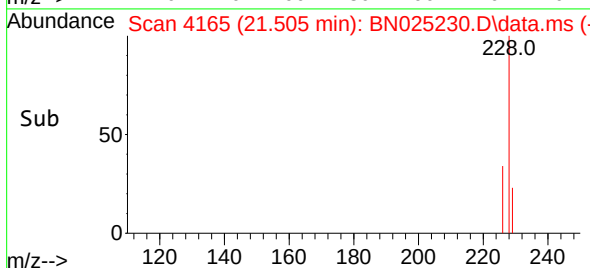
Reviewed By :Christian Giraldo 05/03/2023
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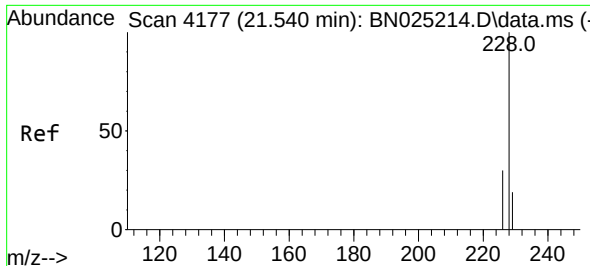


#21
Benzo(a)anthracene
Concen: 163.944 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.018 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58



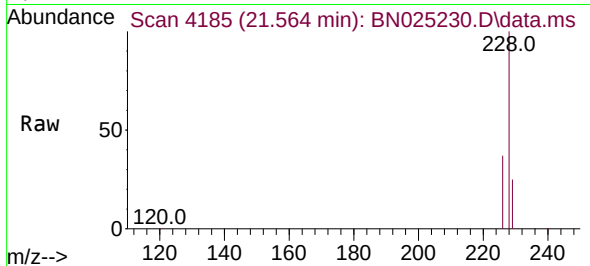
Tgt Ion:228 Resp:16361126
Ion Ratio Lower Upper
228 100
229 23.8 15.6 23.4#
226 34.2 22.1 33.1#





#22
Chrysene
Concen: 151.770 ng/ul
RT: 21.564 min Scan# 4185
Delta R.T. 0.024 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

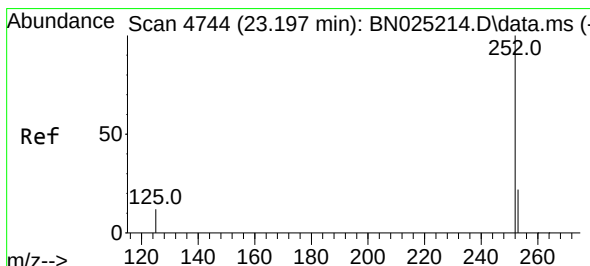
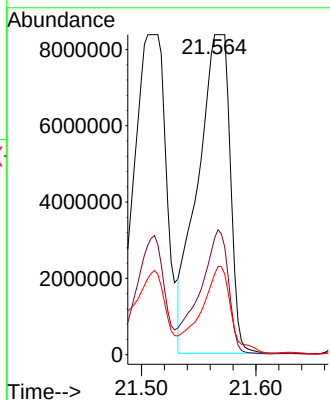
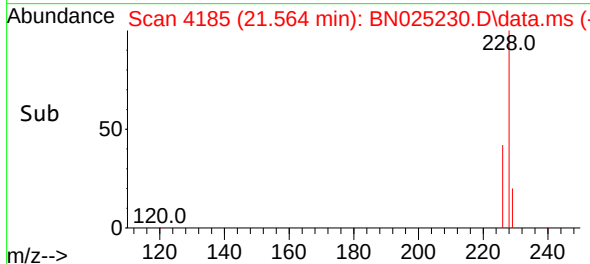
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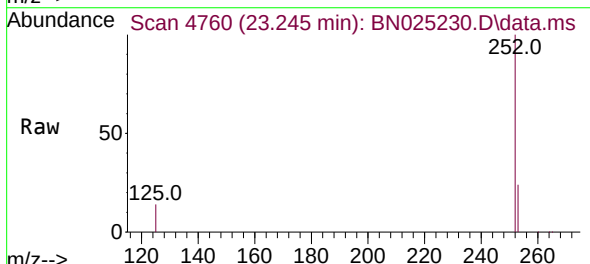
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Ion Ratio Lower Upper
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226 36.5 24.5 36.7
229 25.2 15.8 23.6

Manual Integrations
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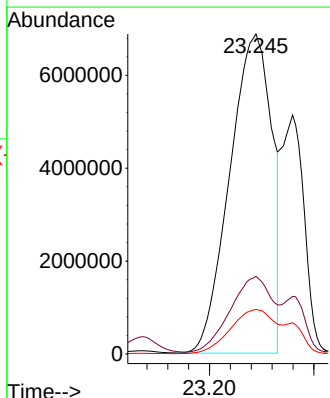
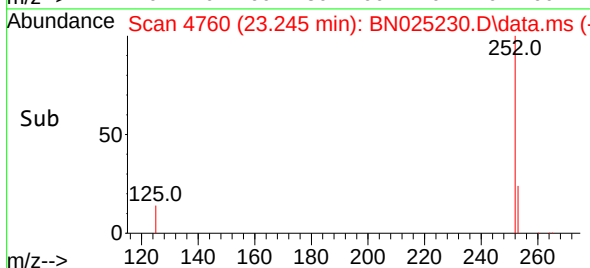
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

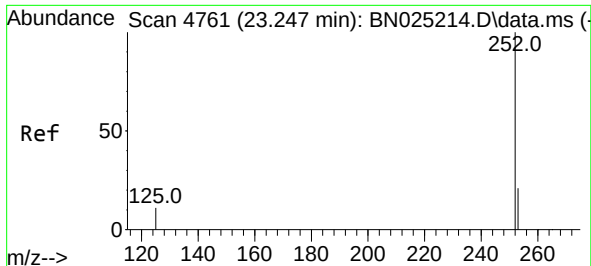


#24
Benzo(b)fluoranthene
Concen: 71.718 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. 0.047 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58



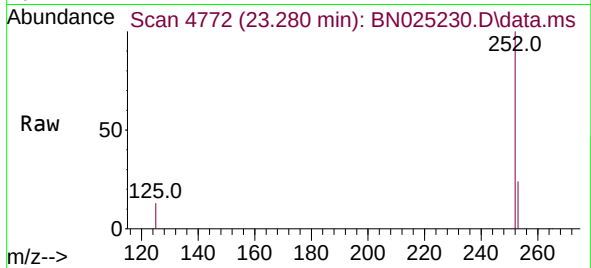
Tgt Ion:252 Resp:19094605
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.2
125 13.9 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 30.271 ng/ul m
RT: 23.280 min Scan# 4761
Delta R.T. 0.033 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

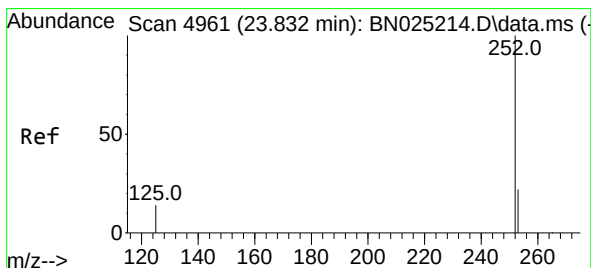
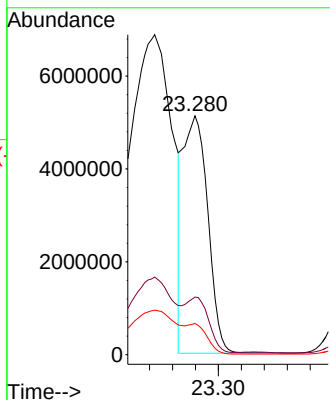
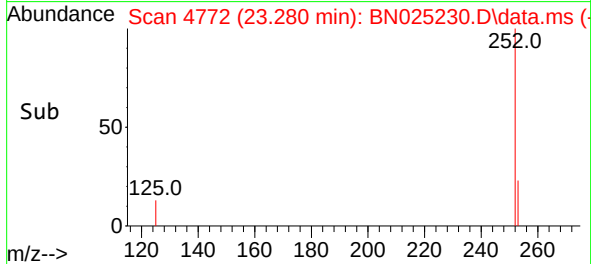
Instrument :
BNA_N
ClientSampleId :
EW923RE



Tgt Ion:252 Resp: 775238
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.4
125 13.1 11.8 17.8

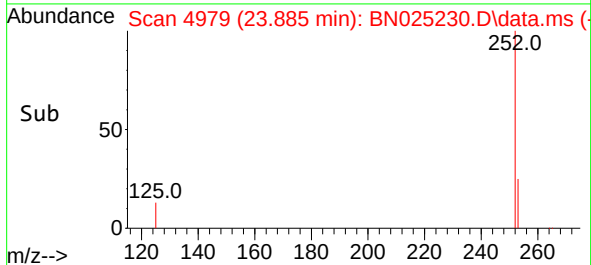
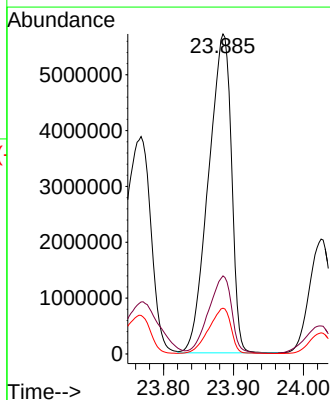
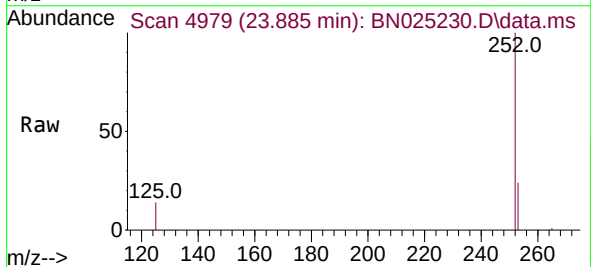
Manual Integrations
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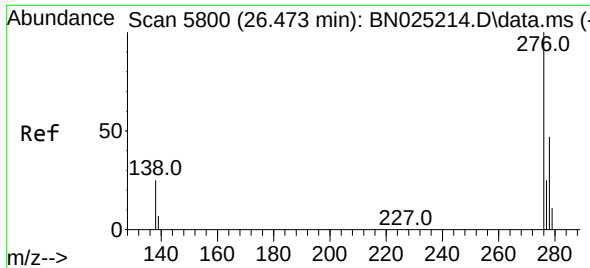
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#26
Benzo(a)pyrene
Concen: 58.914 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. 0.053 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

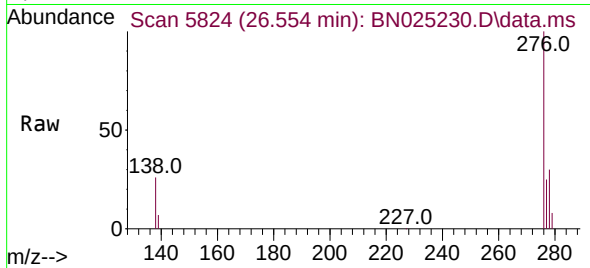
Tgt Ion:252 Resp:12977903
Ion Ratio Lower Upper
252 100
253 24.4 21.4 32.2
125 14.3 14.6 22.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 35.003 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. 0.081 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58

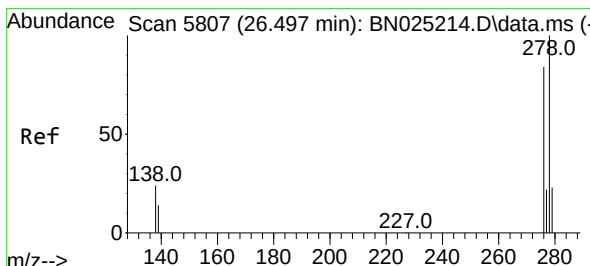
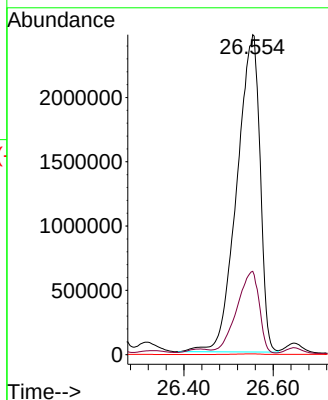
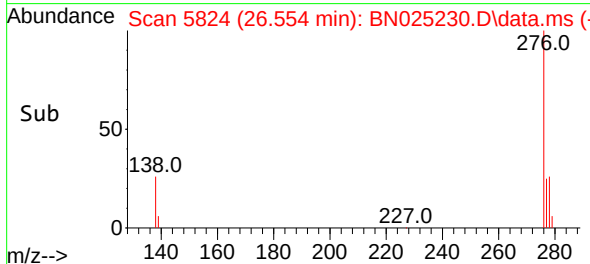
Instrument :
BNA_N
ClientSampleId :
EW923RE



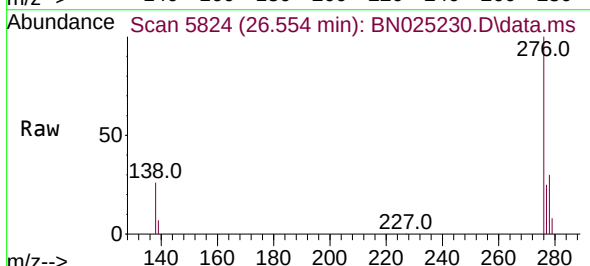
Tgt Ion:276 Resp: 8884000
Ion Ratio Lower Upper
276 100
138 24.9 21.9 32.9
227 0.2 0.1 0.1

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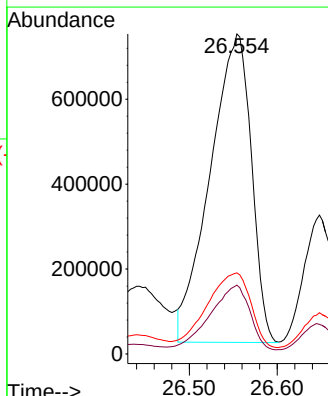
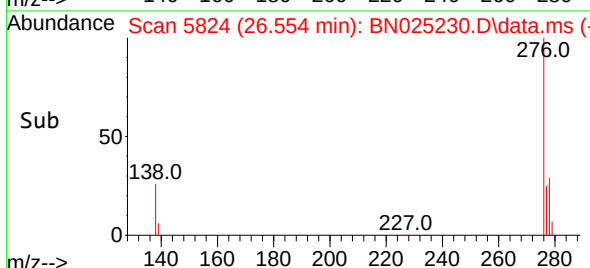
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

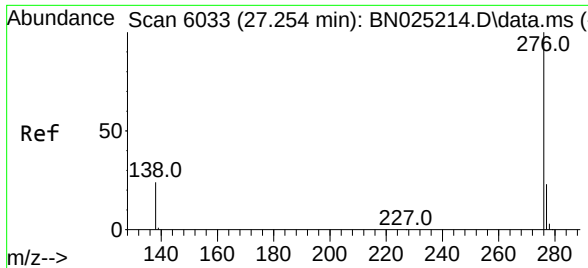


#28
Dibenzo(a,h)anthracene
Concen: 11.922 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. 0.058 min
Lab File: BN025230.D
Acq: 02 May 2023 20:58



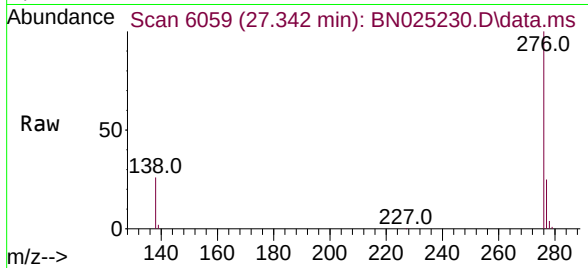
Tgt Ion:278 Resp: 2363655
Ion Ratio Lower Upper
278 100
139 21.5 17.0 25.6
279 25.3 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 34.980 ng/ul
 RT: 27.342 min Scan# 6033
 Delta R.T. 0.088 min
 Lab File: BN025230.D
 Acq: 02 May 2023 20:58

Instrument :
 BNA_N
 ClientSampleId :
 EW923RE



Tgt Ion:276 Resp: 754926
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.3 30.5
 277 24.8 19.8 29.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

