

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025217.D
 Acq On : 02 May 2023 13:12
 Operator : CG/JU
 Sample : 02419-27
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW924

Manual Integrations
 APPROVED

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

Quant Time: May 03 02:28:54 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 : 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	7887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	26917	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	18883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	51628	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	32628	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	29576	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17094	2.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6735	0.195	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	15759	0.183	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	37706	0.547	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	32265	0.764	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	21667	0.481	ng/ul	100
10) Acenaphthylene	14.280	152	79434	1.129	ng/ul	98
11) Acenaphthene	14.622	153	23220	0.392	ng/ul	99
12) Fluorene	15.607	166	37895	0.572	ng/ul#	95
15) Phenanthrene	17.348	178	695249	4.771	ng/ul	100
16) Anthracene	17.441	178	163249	1.369	ng/ul	99
19) Fluoranthene	19.369	202	1863534	15.794	ng/ul	99
20) Pyrene	19.736	202	1821092	15.022	ng/ul	98
21) Benzo(a)anthracene	21.486	228	975473	9.921	ng/ul	97
22) Chrysene	21.539	228	1062373	9.905	ng/ul	98
24) Benzo(b)fluoranthene	23.196	252	1440695m	12.006	ng/ul	
25) Benzo(k)fluoranthene	23.237	252	494193m	4.282	ng/ul	
26) Benzo(a)pyrene	23.824	252	922222	9.289	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.451	276	690228	6.034	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.458	278	167164	1.871	ng/ul#	92
29) Benzo(g,h,i)perylene	27.236	276	711100	7.311	ng/ul	99

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

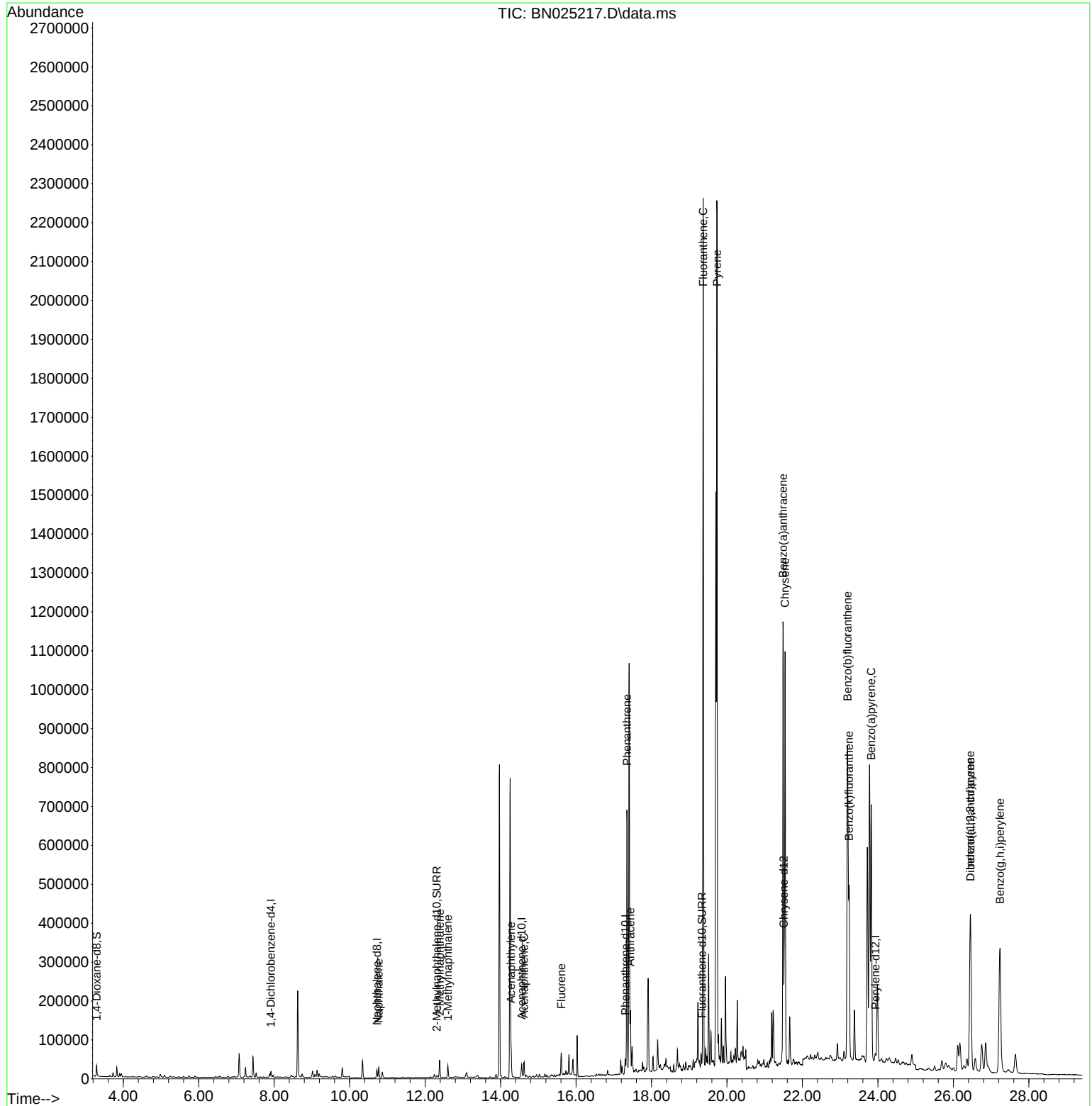
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025217.D
Acq On : 02 May 2023 13:12
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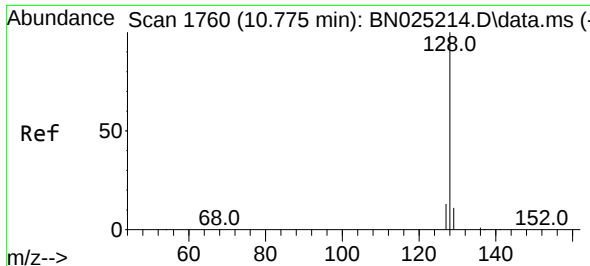
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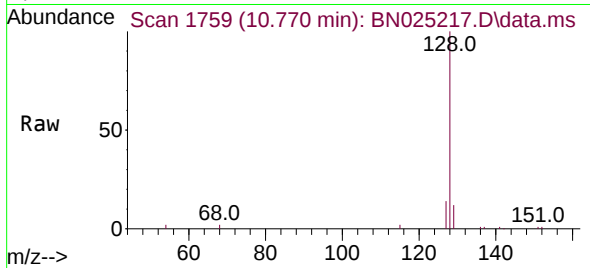
Quant Time: May 03 02:28:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.547 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

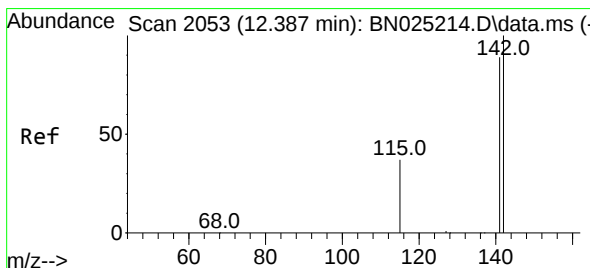
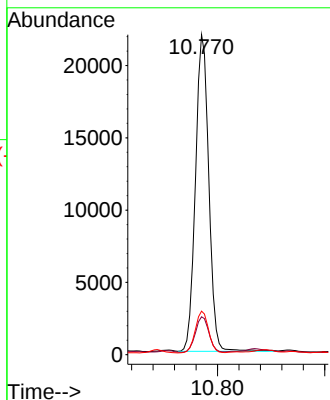
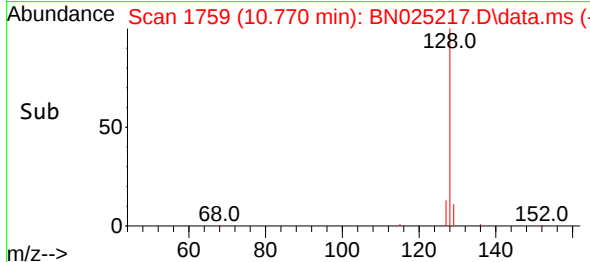
Instrument :
BNA_N
ClientSampleId :
EW924



Tgt Ion:128 Resp: 37700
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.6 10.7 16.1

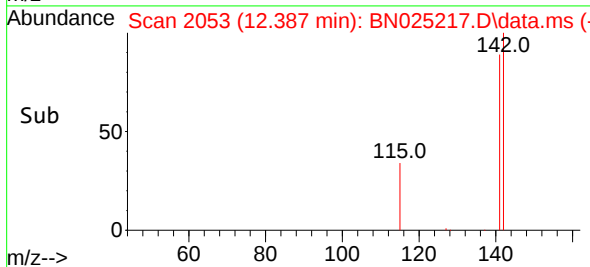
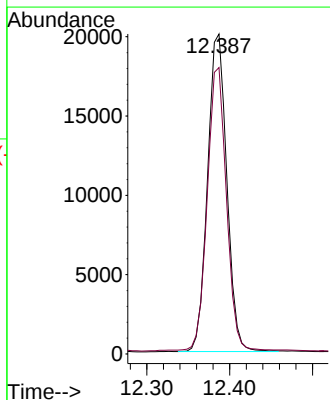
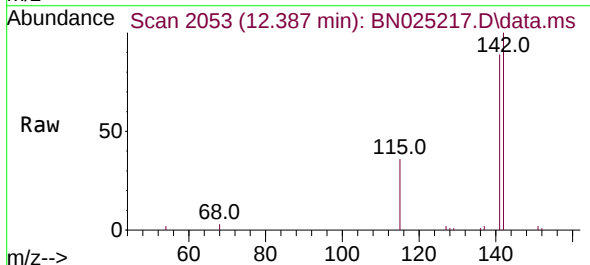
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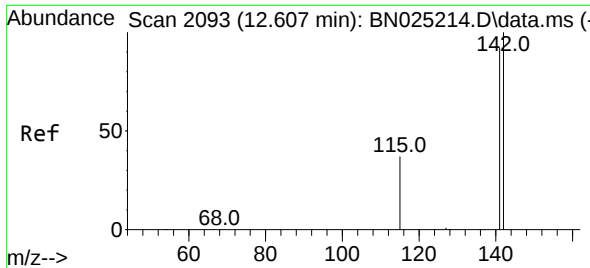
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#7
2-Methylnaphthalene
Concen: 0.764 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

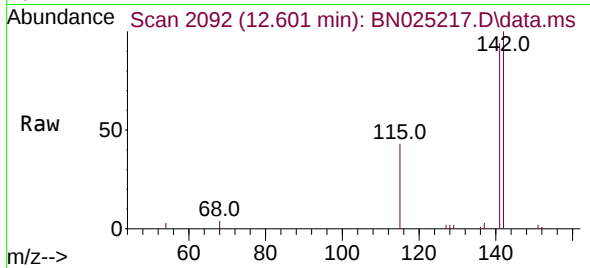
Tgt Ion:142 Resp: 32265
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.481 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

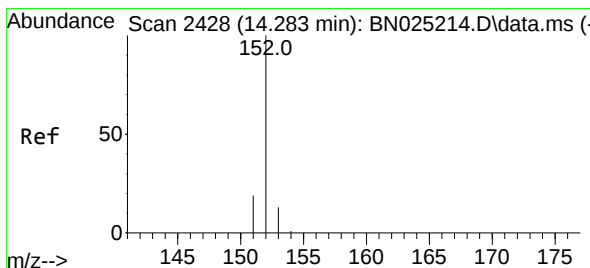
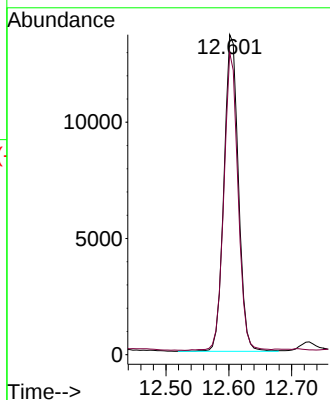
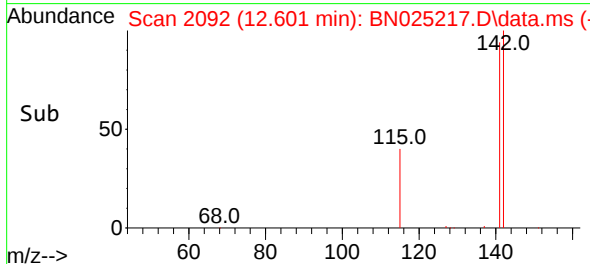
Instrument :
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Tgt Ion:142 Resp: 2166
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6

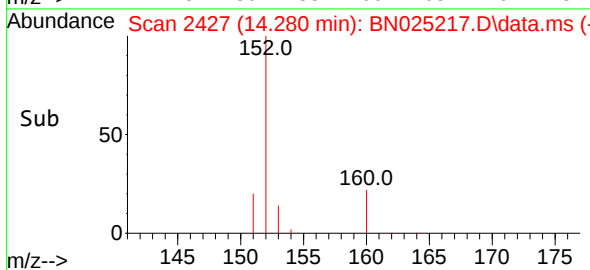
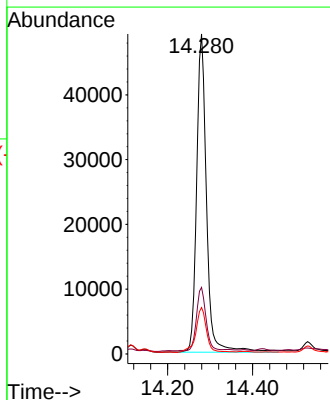
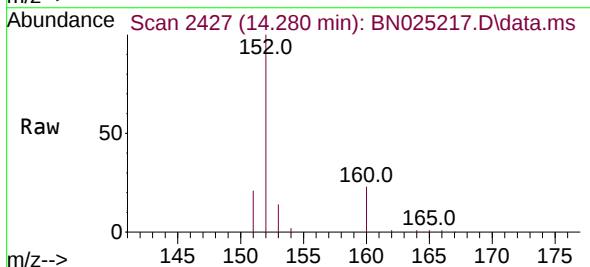
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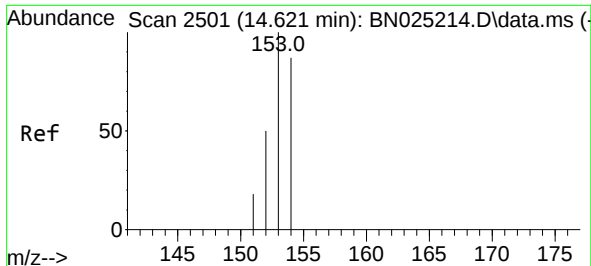
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#10
Acenaphthylene
Concen: 1.129 ng/ul
RT: 14.280 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

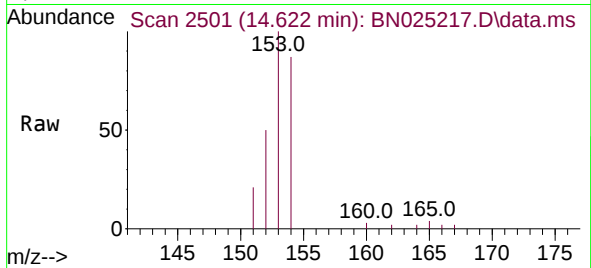
Tgt Ion:152 Resp: 79434
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.5 10.8 16.2





#11
Acenaphthene
Concen: 0.392 ng/u1
RT: 14.622 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

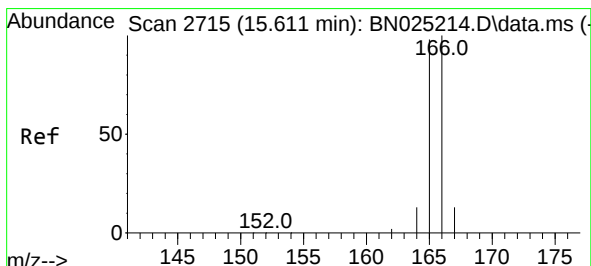
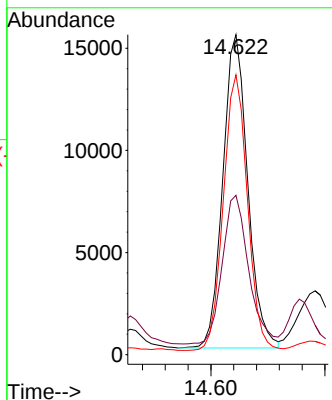
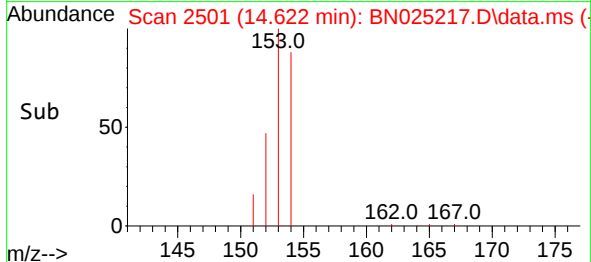
Instrument :
BNA_N
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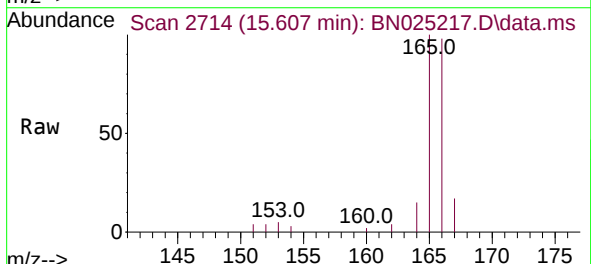
Tgt Ion:153 Resp: 23220
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 87.4 69.4 104.2

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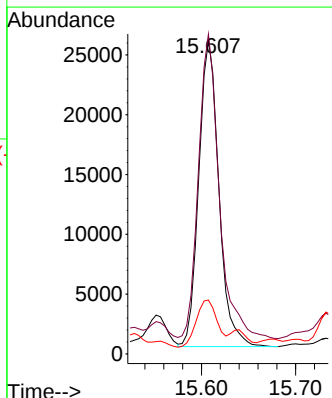
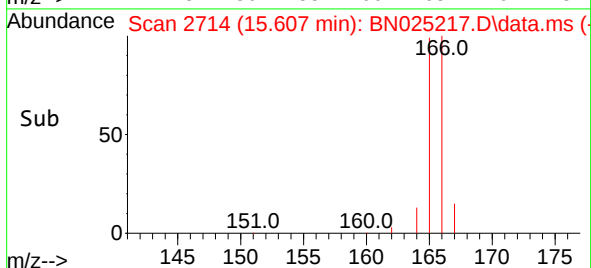
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

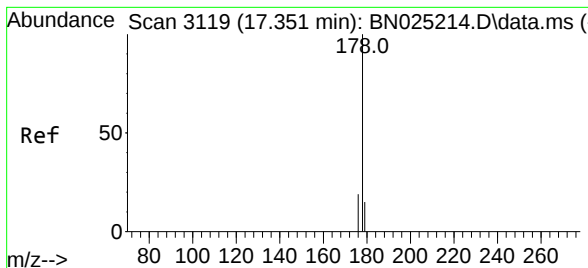


#12
Fluorene
Concen: 0.572 ng/u1
RT: 15.607 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12



Tgt Ion:166 Resp: 37895
Ion Ratio Lower Upper
166 100
165 102.0 78.1 117.1
167 17.2 11.0 16.6#





#15

Phenanthrene

Concen: 4.771 ng/ul

RT: 17.348 min Scan# 3119

Delta R.T. -0.003 min

Lab File: BN025217.D

Acq: 02 May 2023 13:12

Instrument :

BNA_N

ClientSampleId :

EW924

Tgt Ion:178 Resp: 695249

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

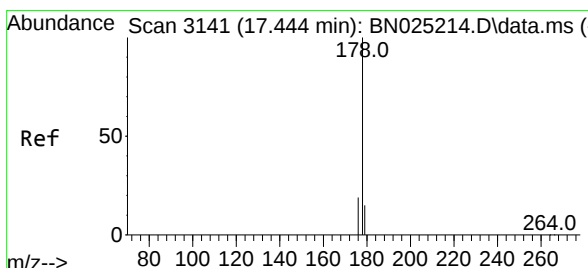
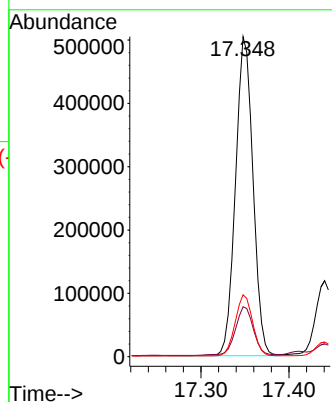
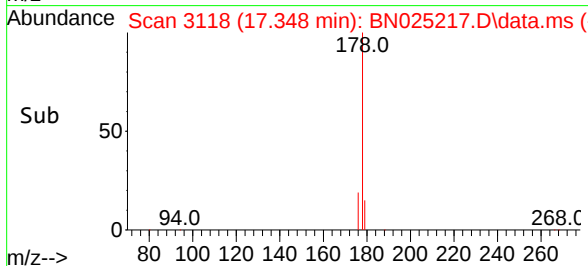
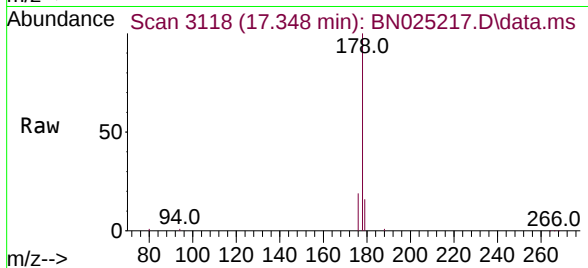
176 19.3 15.6 23.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/03/2023



#16

Anthracene

Concen: 1.369 ng/ul

RT: 17.441 min Scan# 3140

Delta R.T. -0.003 min

Lab File: BN025217.D

Acq: 02 May 2023 13:12

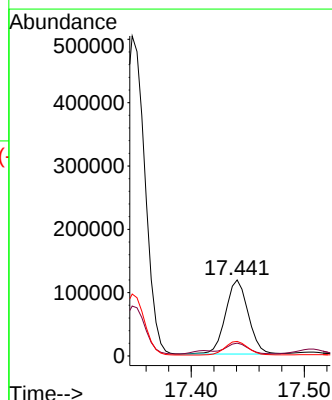
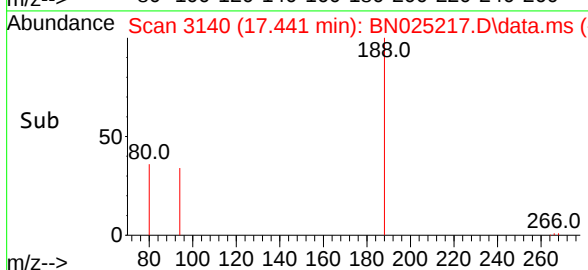
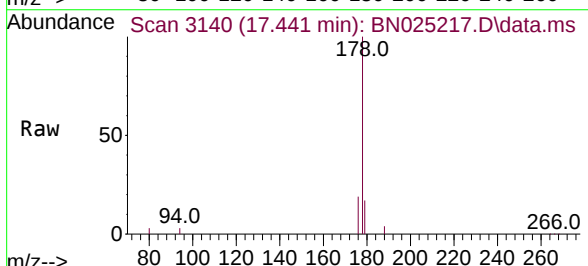
Tgt Ion:178 Resp: 163249

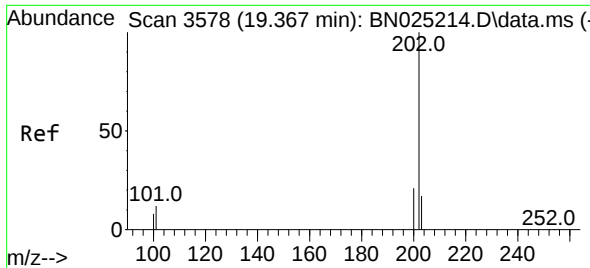
Ion Ratio Lower Upper

178 100

179 16.8 12.7 19.1

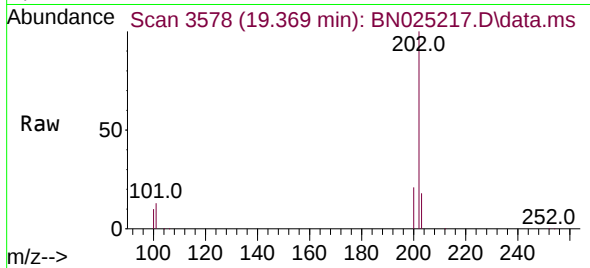
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 15.794 ng/u1
RT: 19.369 min Scan# 3578
Delta R.T. 0.002 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

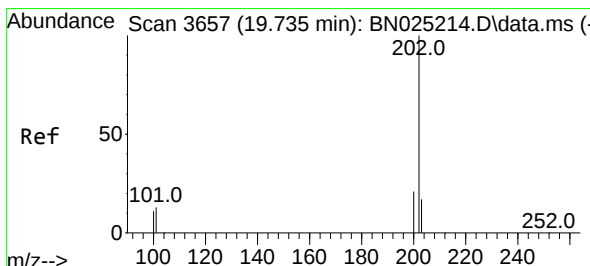
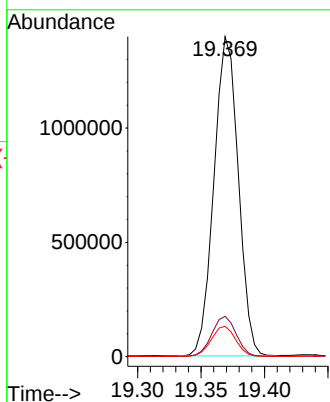
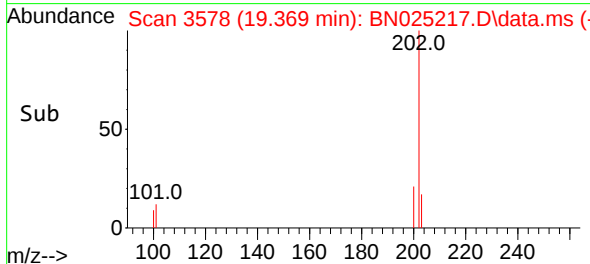
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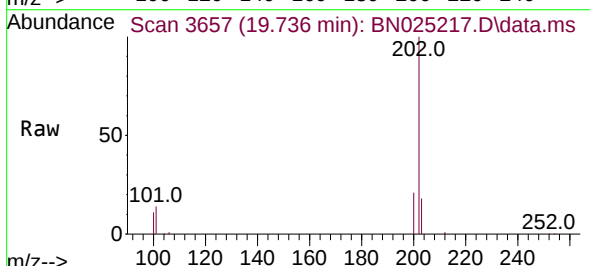
Tgt Ion:202 Resp: 1863534
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.5 7.3 10.9

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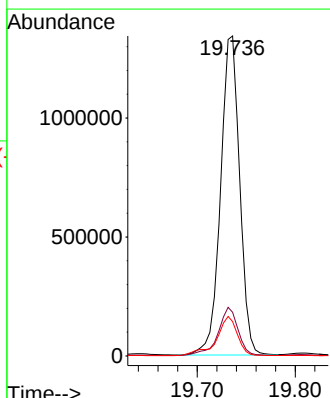
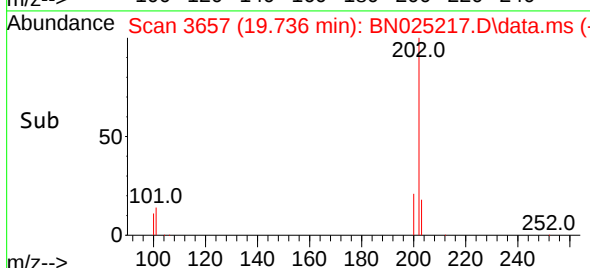
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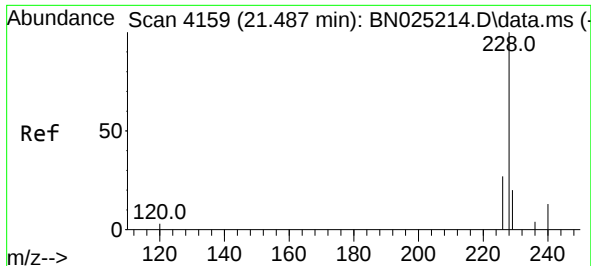


#20
Pyrene
Concen: 15.022 ng/u1
RT: 19.736 min Scan# 3657
Delta R.T. 0.002 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12



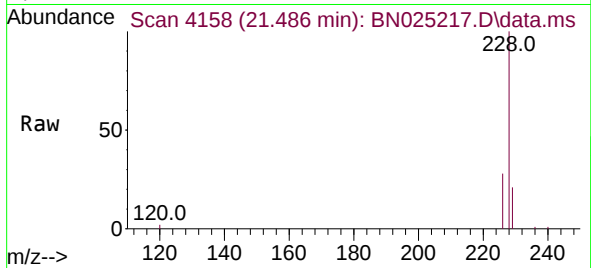
Tgt Ion:202 Resp: 1821092
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.7 9.2 13.8





#21
Benzo(a)anthracene
Concen: 9.921 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.001 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

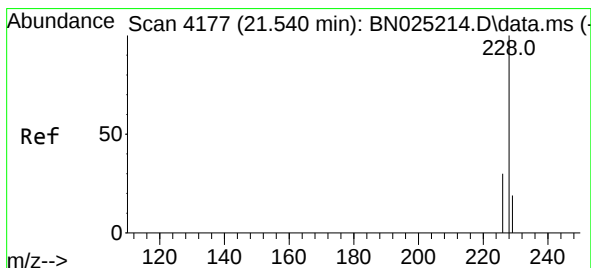
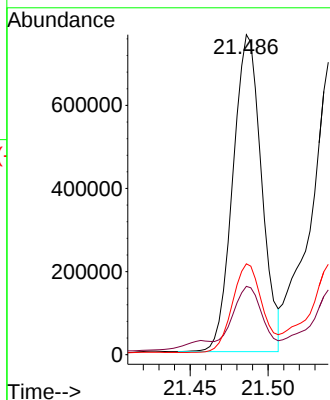
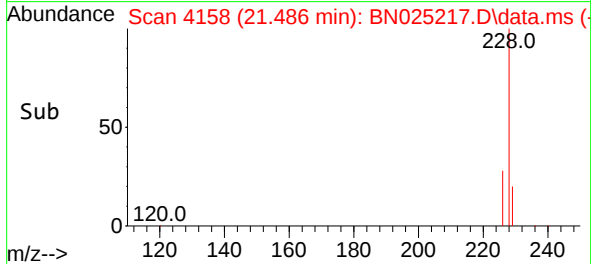
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Tgt Ion:228 Resp: 97547
Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 28.4 22.1 33.1

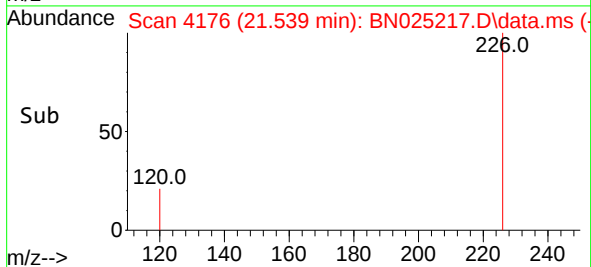
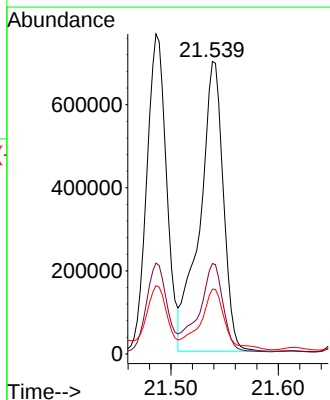
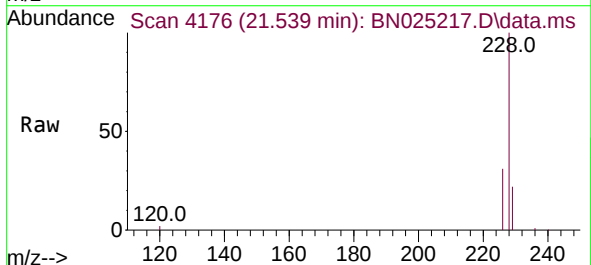
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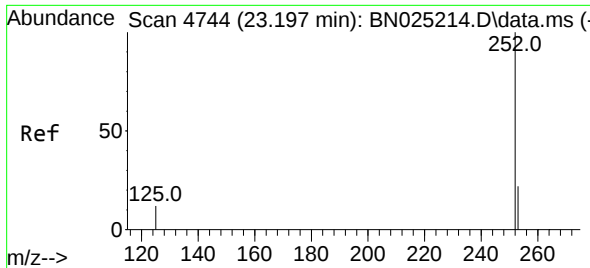
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#22
Chrysene
Concen: 9.905 ng/ul
RT: 21.539 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

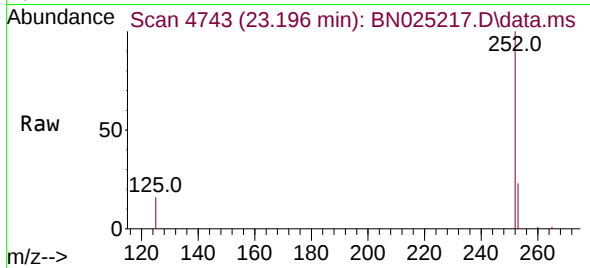
Tgt Ion:228 Resp: 1062373
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 12.006 ng/ul m
RT: 23.196 min Scan# 4743
Delta R.T. -0.001 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

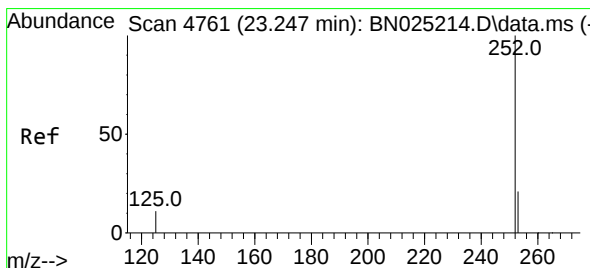
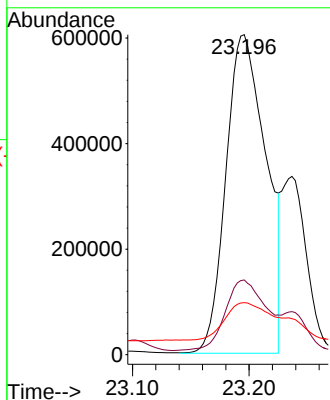
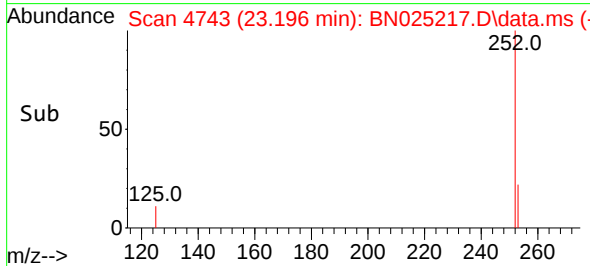
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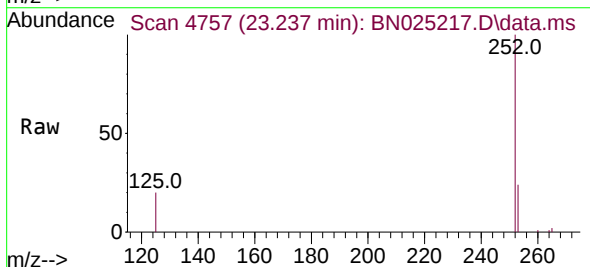
Tgt Ion:252 Resp: 144069
Ion Ratio Lower Upper
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125 16.2 0.0 30.4

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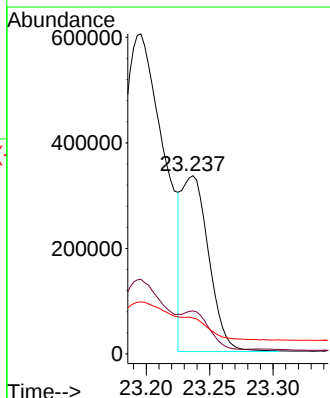
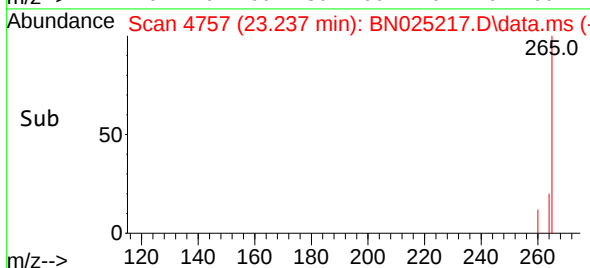
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

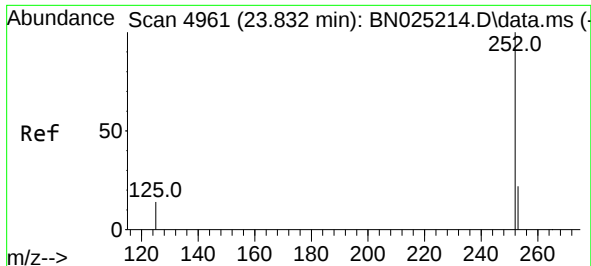


#25
Benzo(k)fluoranthene
Concen: 4.282 ng/ul m
RT: 23.237 min Scan# 4757
Delta R.T. -0.010 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12



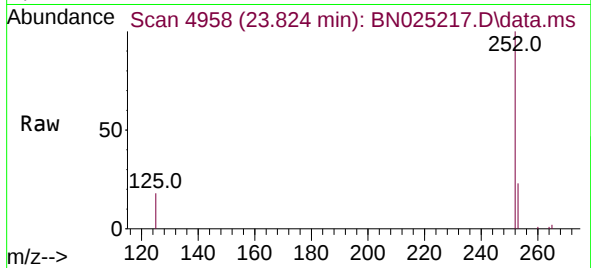
Tgt Ion:252 Resp: 494193
Ion Ratio Lower Upper
252 100
253 24.2 20.2 30.4
125 20.2 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 9.289 ng/ul
RT: 23.824 min Scan# 4961
Delta R.T. -0.007 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

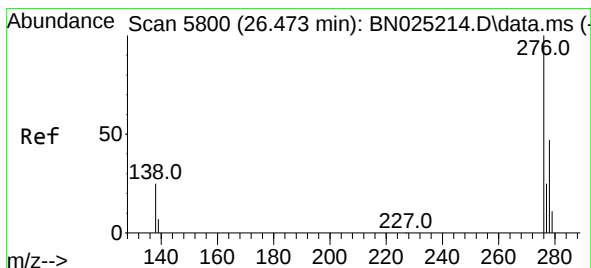
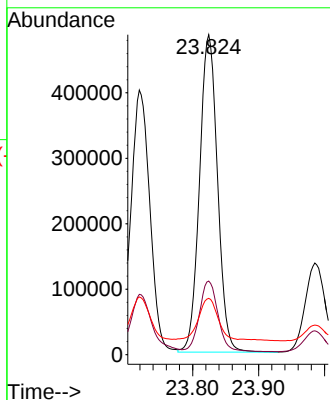
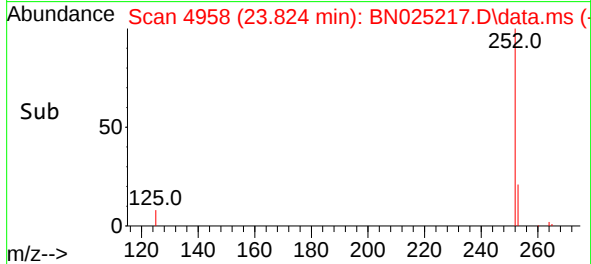
Instrument :
BNA_N
ClientSampleId :
EW924



Tgt Ion:252 Resp: 922222
Ion Ratio Lower Upper
252 100
253 23.0 21.4 32.2
125 17.6 14.6 22.0

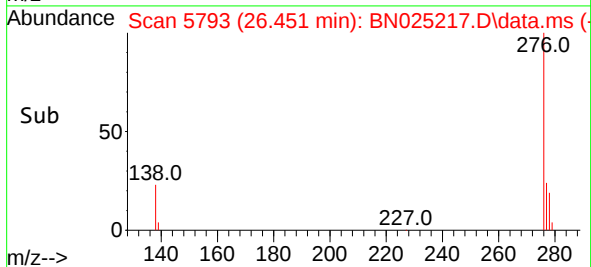
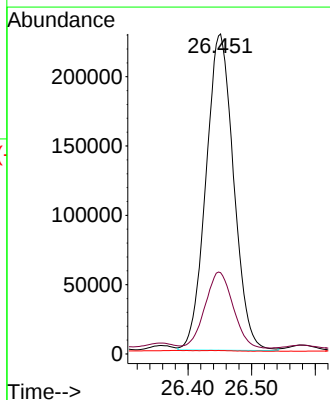
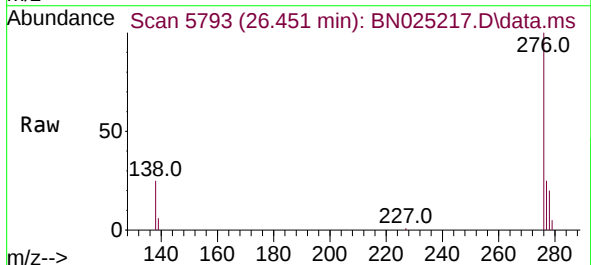
Manual Integrations
APPROVED

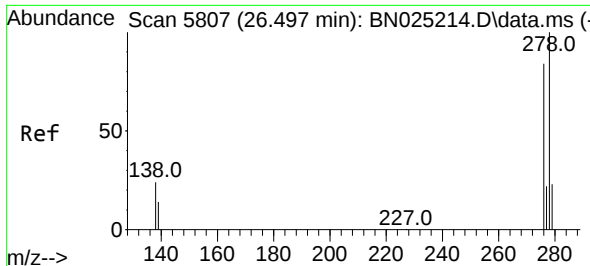
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.034 ng/ul
RT: 26.451 min Scan# 5793
Delta R.T. -0.022 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

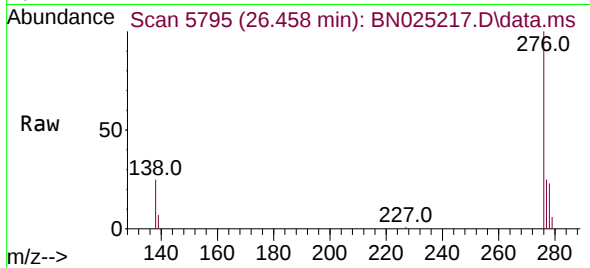
Tgt Ion:276 Resp: 690228
Ion Ratio Lower Upper
276 100
138 24.3 21.9 32.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.871 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. -0.039 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12

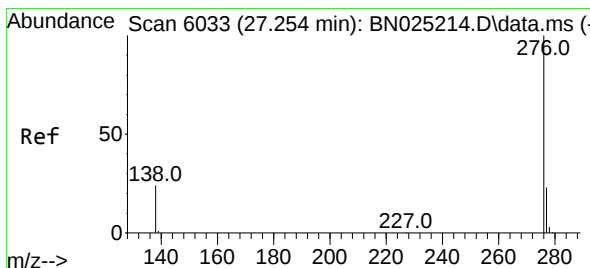
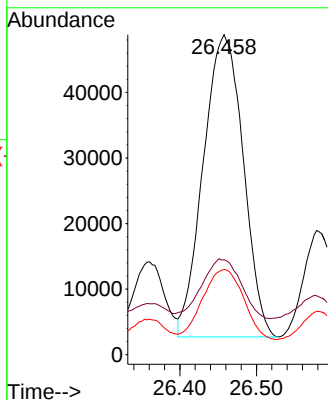
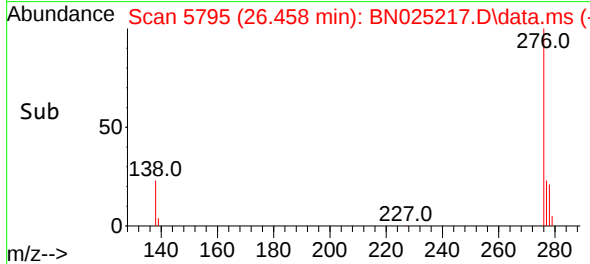
Instrument :
BNA_N
ClientSampleId :
EW924



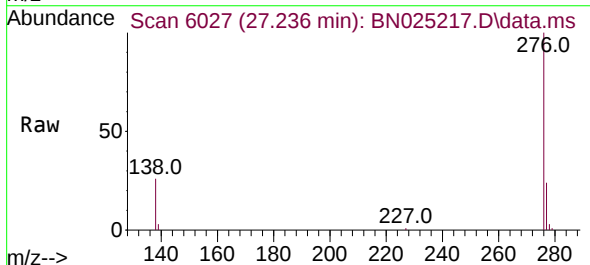
Tgt Ion:278 Resp: 167164
Ion Ratio Lower Upper
278 100
139 29.7 17.0 25.6
279 26.7 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 7.311 ng/ul
RT: 27.236 min Scan# 6027
Delta R.T. -0.019 min
Lab File: BN025217.D
Acq: 02 May 2023 13:12



Tgt Ion:276 Resp: 711100
Ion Ratio Lower Upper
276 100
138 26.0 20.3 30.5
277 24.3 19.8 29.6

