

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025221.D
 Acq On : 02 May 2023 15:36
 Operator : CG/JU
 Sample : 02419-36
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW931

Manual Integrations
 APPROVED

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

Quant Time: May 03 02:29:38 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	7851	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	28395	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	19015	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	70977	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.511	240	34020	0.400	ng/ul	# 0.00
23) Perylene-d12	23.964	264	25984	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	20113	2.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	7347	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	16654	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	45079	0.620	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	33961	0.762	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	22698	0.478	ng/ul	100
10) Acenaphthylene	14.283	152	65120	0.919	ng/ul	97
11) Acenaphthene	14.621	153	41132	0.689	ng/ul	99
12) Fluorene	15.607	166	51478	0.771	ng/ul#	95
14) Pentachlorophenol	16.963	266	1232	0.088	ng/ul	90
15) Phenanthrene	17.351	178	994130	4.962	ng/ul	100
16) Anthracene	17.444	178	247831	1.512	ng/ul	98
19) Fluoranthene	19.373	202	2476269	20.129	ng/ul	98
20) Pyrene	19.740	202	2343284	18.539	ng/ul	98
21) Benzo(a)anthracene	21.497	228	1385324	13.513	ng/ul	97
22) Chrysene	21.549	228	1544579	13.812	ng/ul	97
24) Benzo(b)fluoranthene	23.218	252	2226822m	21.123	ng/ul	
25) Benzo(k)fluoranthene	23.259	252	721206m	7.112	ng/ul	
26) Benzo(a)pyrene	23.859	252	1398030	16.028	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.517	276	1235262	12.292	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.527	278	297169	3.786	ng/ul#	91
29) Benzo(g,h,i)perylene	27.302	276	1329011	15.553	ng/ul	98

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

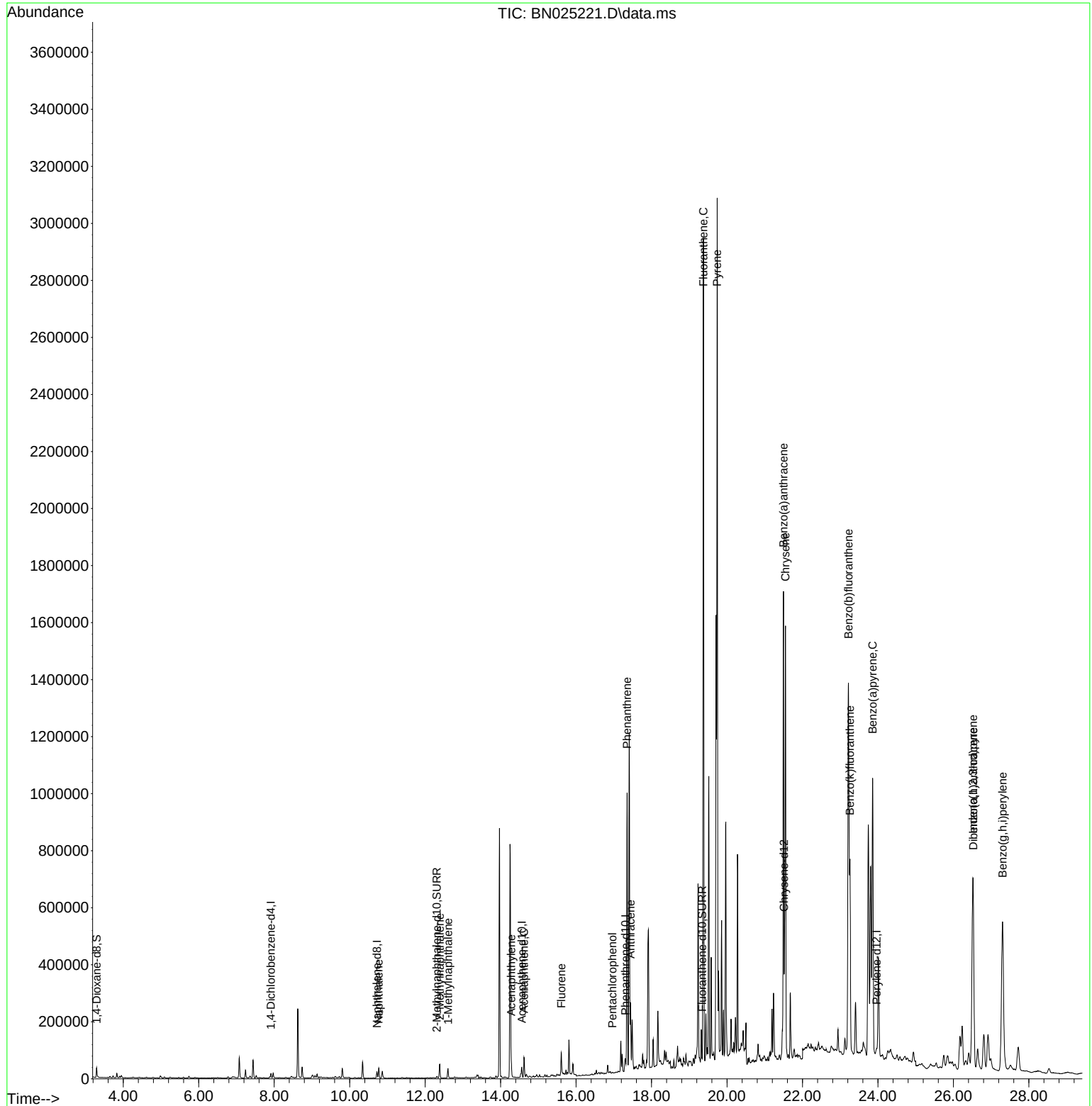
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025221.D
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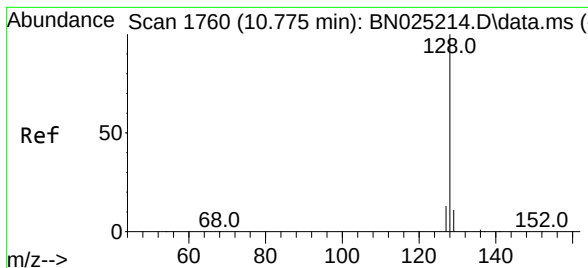
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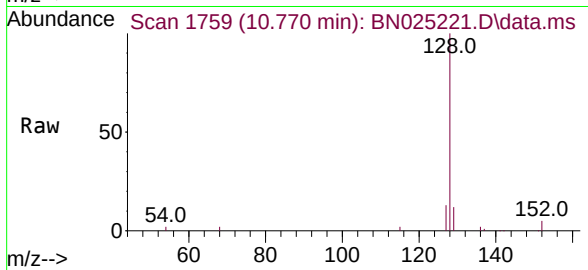
Quant Time: May 03 02:29:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.620 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

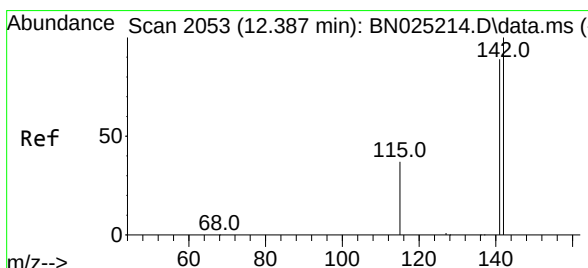
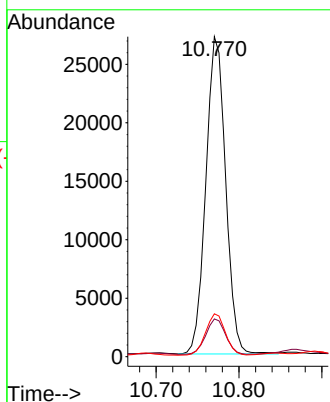
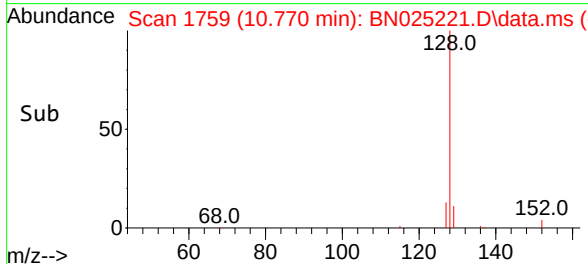
Instrument :
BNA_N
ClientSampleId :
EW931



Tgt Ion:128 Resp: 45079
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.4 10.7 16.1

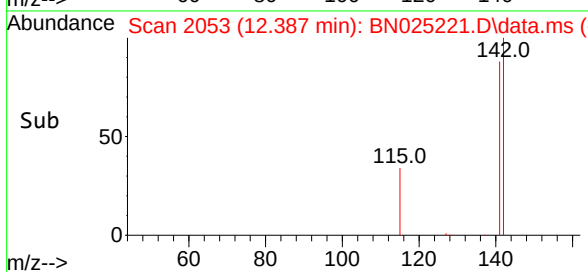
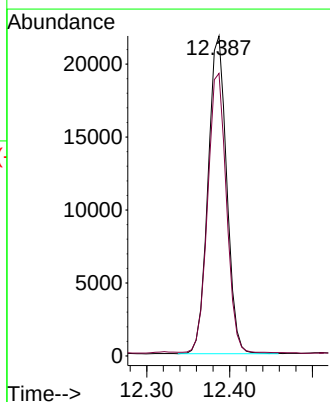
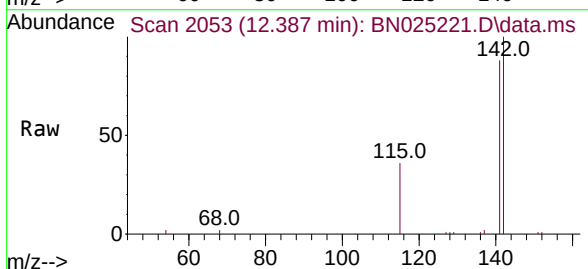
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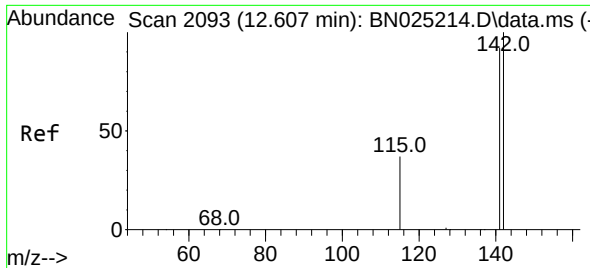
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#7
2-Methylnaphthalene
Concen: 0.762 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

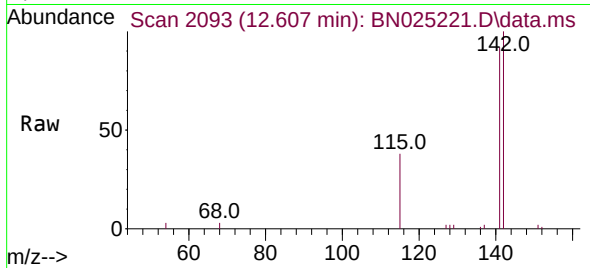
Tgt Ion:142 Resp: 33961
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.478 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

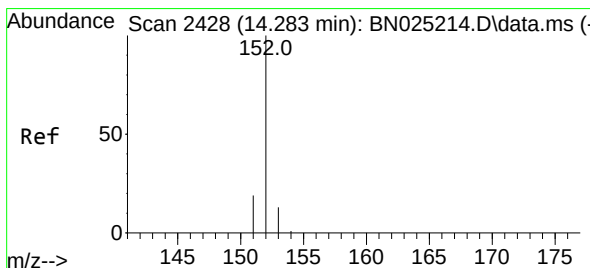
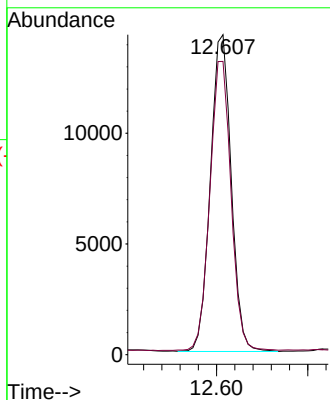
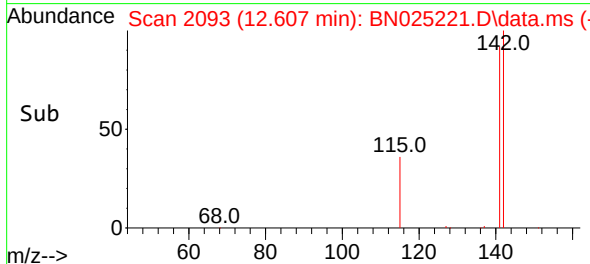
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 22698
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6

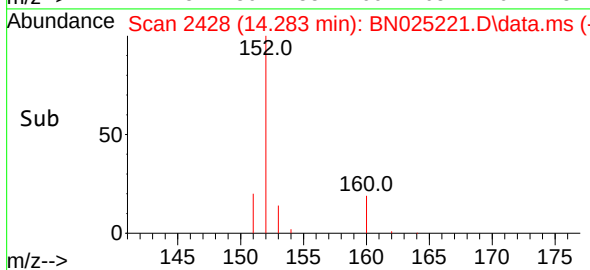
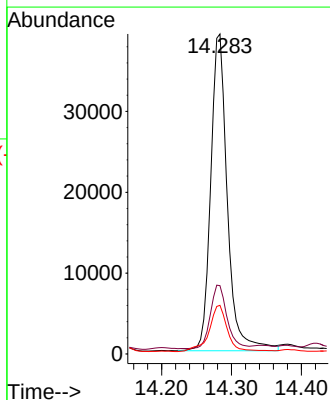
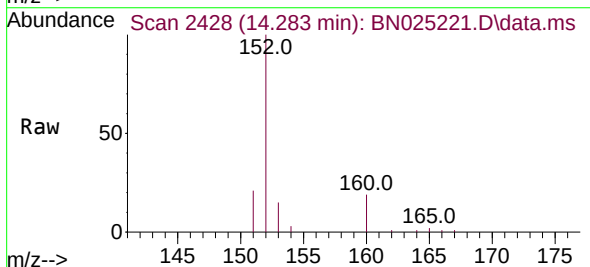
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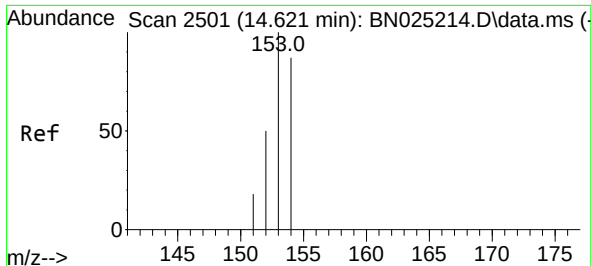
Reviewed By :Christian Giraldo 05/03/2023
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#10
Acenaphthylene
Concen: 0.919 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

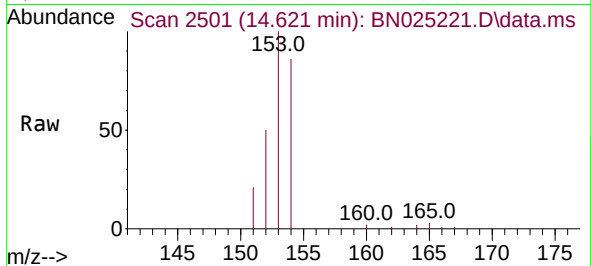
Tgt Ion:152 Resp: 65120
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 15.2 10.8 16.2





#11
Acenaphthene
Concen: 0.689 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

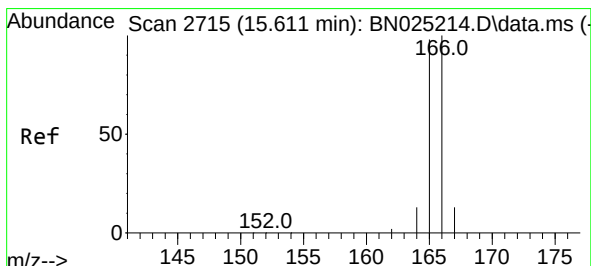
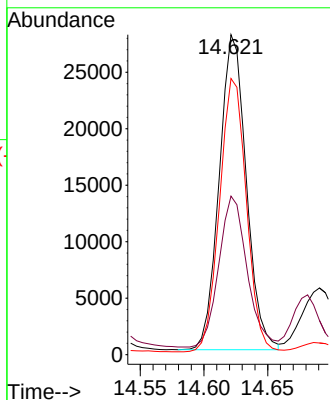
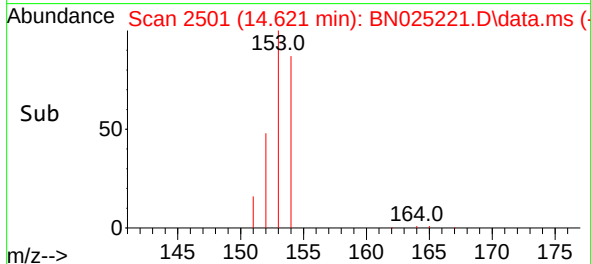
Instrument :
BNA_N
ClientSampleId :
EW931



Tgt Ion:153 Resp: 41132
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 86.3 69.4 104.2

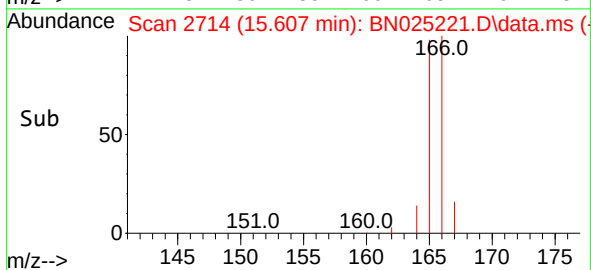
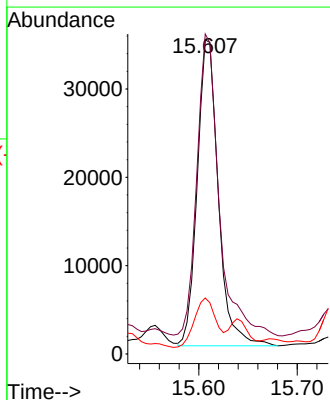
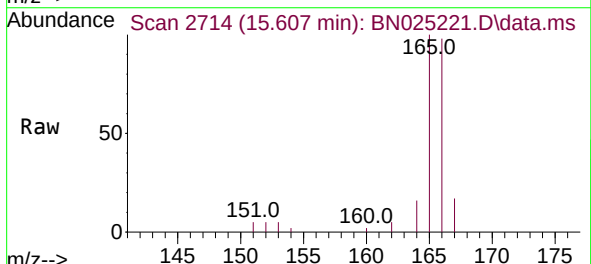
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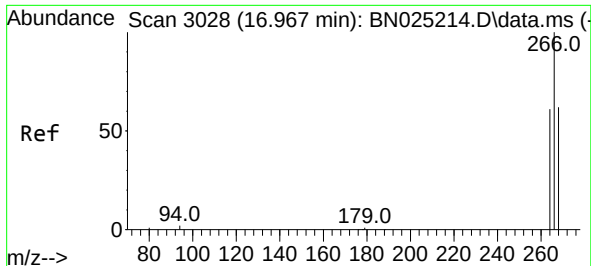
Reviewed By :Christian Giraldo 05/03/2023
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#12
Fluorene
Concen: 0.771 ng/ul
RT: 15.607 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

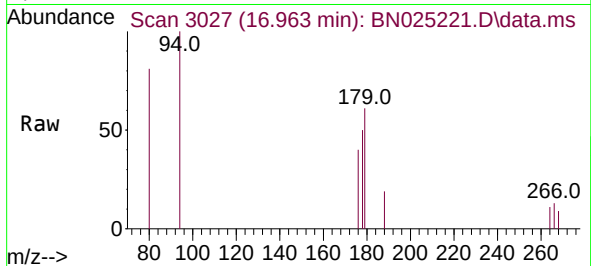
Tgt Ion:166 Resp: 51478
Ion Ratio Lower Upper
166 100
165 101.8 78.1 117.1
167 17.8 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.088 ng/u1
RT: 16.963 min Scan# 3027
Delta R.T. -0.004 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

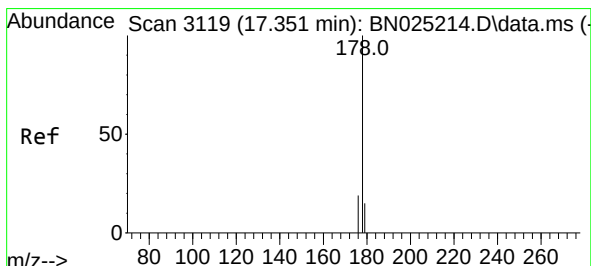
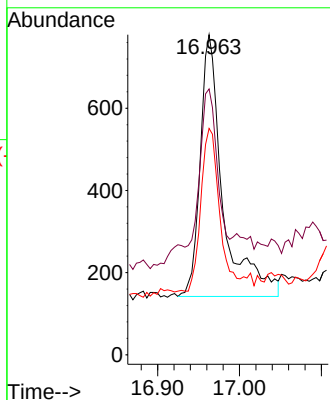
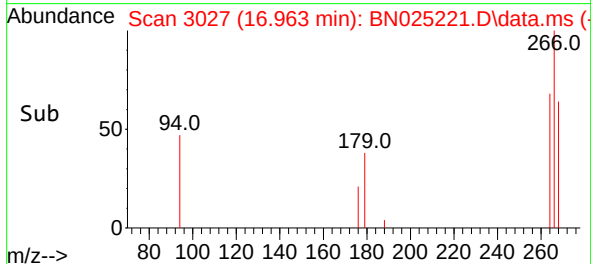
Instrument :
BNA_N
ClientSampleId :
EW931



Tgt Ion:266 Resp: 123
Ion Ratio Lower Upper
266 100
264 55.4 49.6 74.4
268 55.0 51.3 76.9

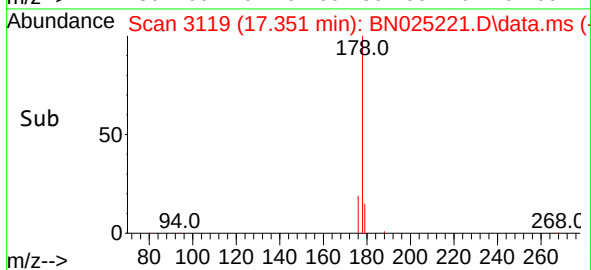
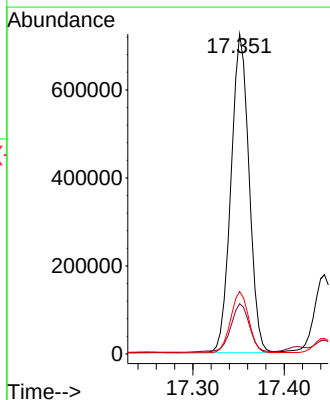
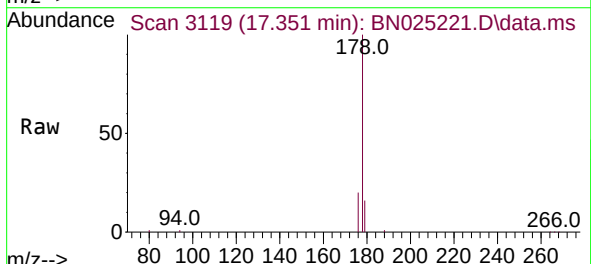
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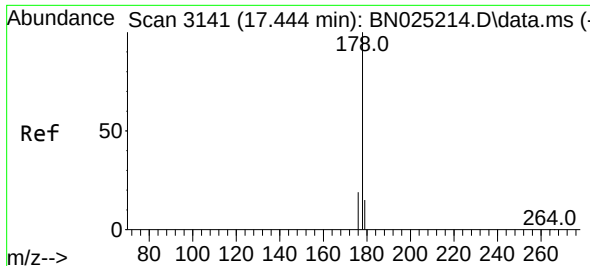
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#15
Phenanthrene
Concen: 4.962 ng/u1
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

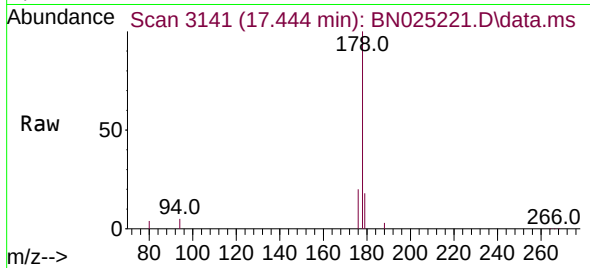
Tgt Ion:178 Resp: 994130
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.5 15.6 23.4





#16
 Anthracene
 Concen: 1.512 ng/ul
 RT: 17.444 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BN025221.D
 Acq: 02 May 2023 15:36

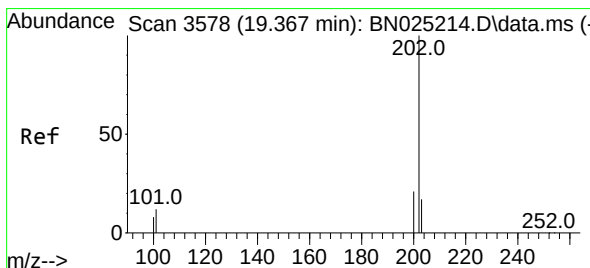
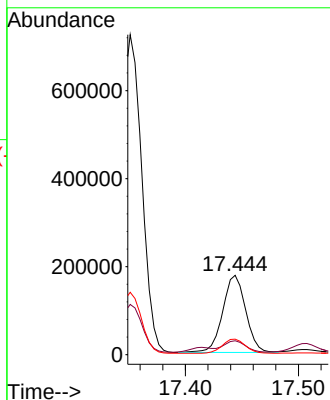
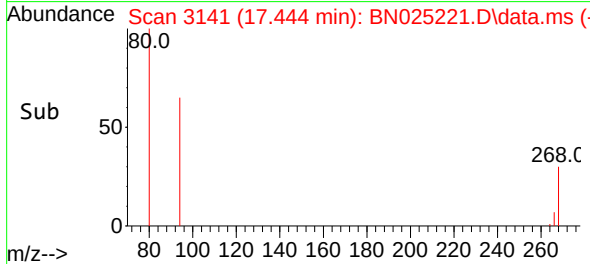
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 EW931



Tgt Ion:178 Resp: 247831
 Ion Ratio Lower Upper
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 179 17.5 12.7 19.1
 176 19.6 15.3 22.9

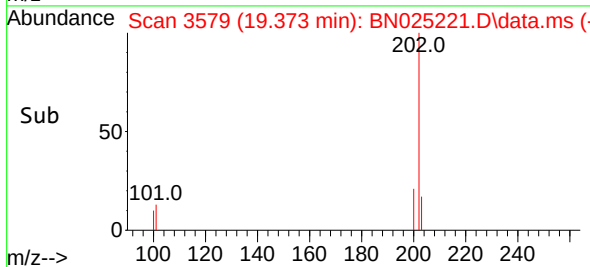
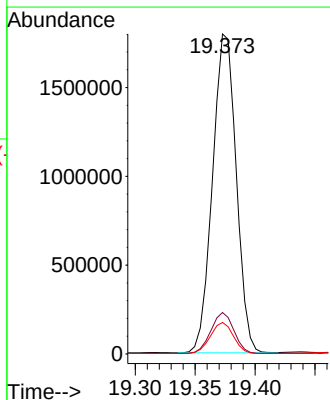
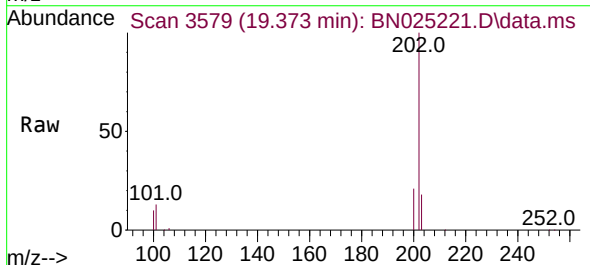
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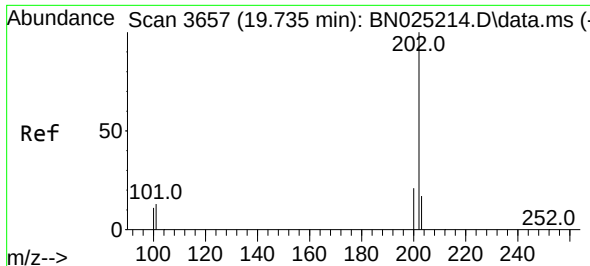
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



#19
 Fluoranthene
 Concen: 20.129 ng/ul
 RT: 19.373 min Scan# 3579
 Delta R.T. 0.005 min
 Lab File: BN025221.D
 Acq: 02 May 2023 15:36

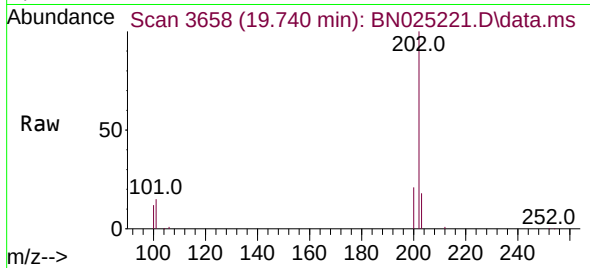
Tgt Ion:202 Resp: 2476269
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.7 14.5
 100 9.9 7.3 10.9





#20
Pyrene
Concen: 18.539 ng/ul
RT: 19.740 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

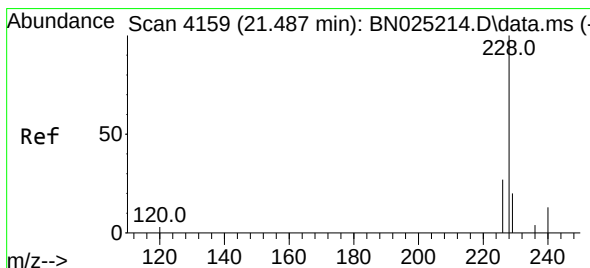
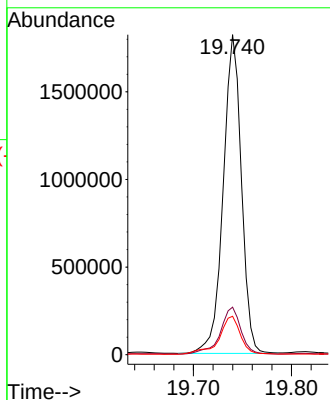
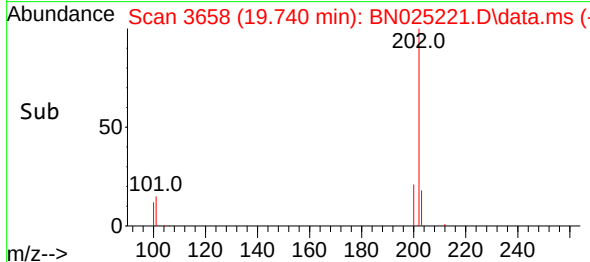
Instrument :
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Tgt Ion:202 Resp: 2343284
Ion Ratio Lower Upper
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101 14.9 11.3 16.9
100 12.0 9.2 13.8

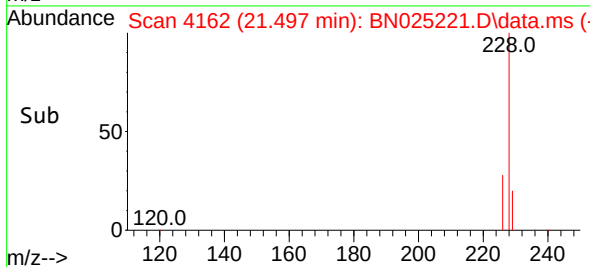
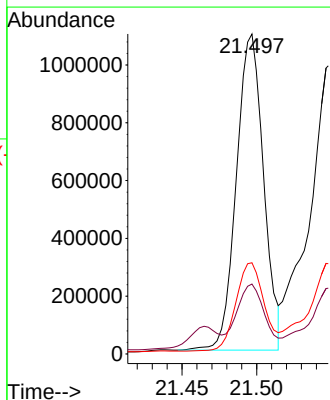
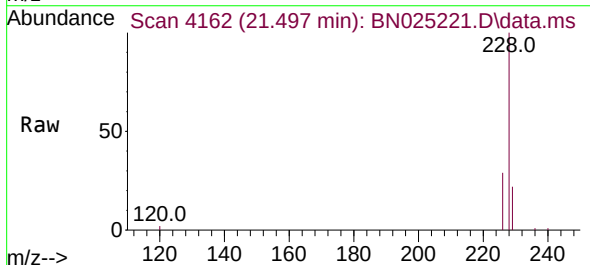
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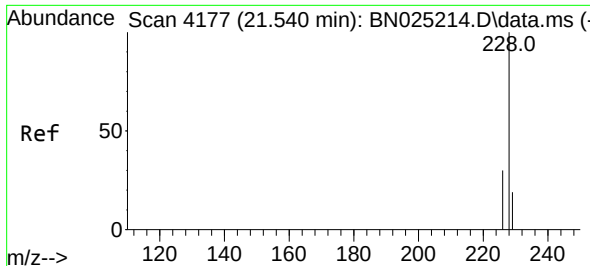
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#21
Benzo(a)anthracene
Concen: 13.513 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. 0.009 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

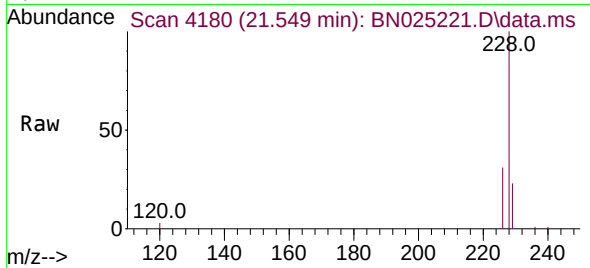
Tgt Ion:228 Resp: 1385324
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 28.5 22.1 33.1





#22
Chrysene
Concen: 13.812 ng/ul
RT: 21.549 min Scan# 4177
Delta R.T. 0.009 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

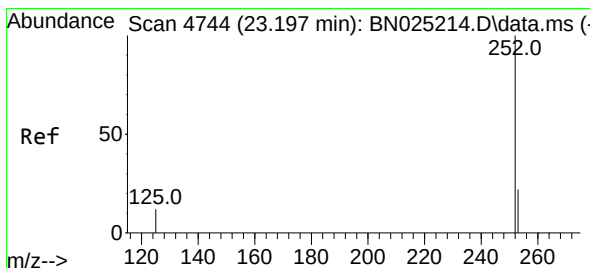
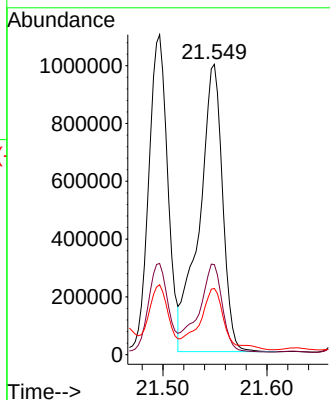
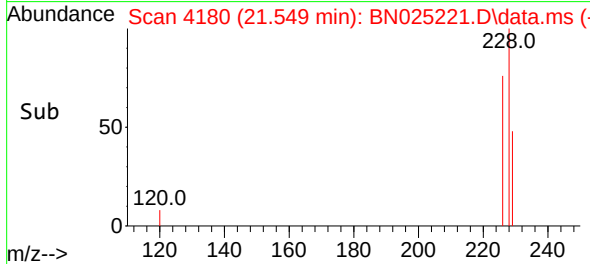
Instrument :
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Tgt Ion:228 Resp: 1544579
Ion Ratio Lower Upper
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226 31.0 24.5 36.7
229 22.8 15.8 23.6

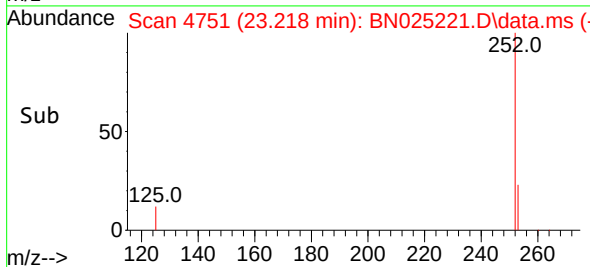
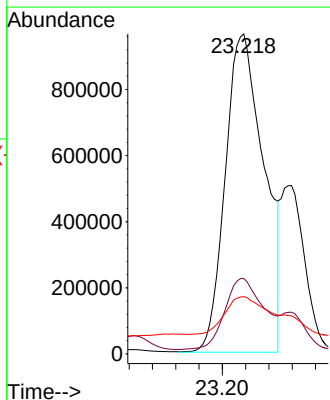
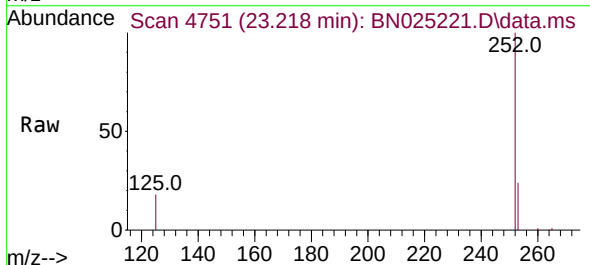
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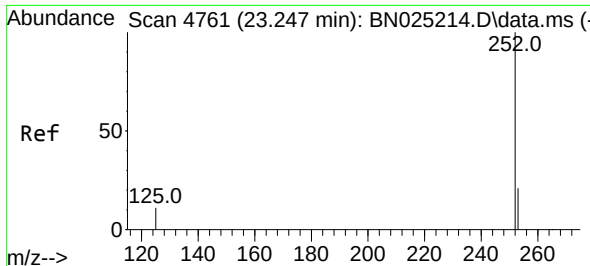
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#24
Benzo(b)fluoranthene
Concen: 21.123 ng/ul m
RT: 23.218 min Scan# 4751
Delta R.T. 0.021 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

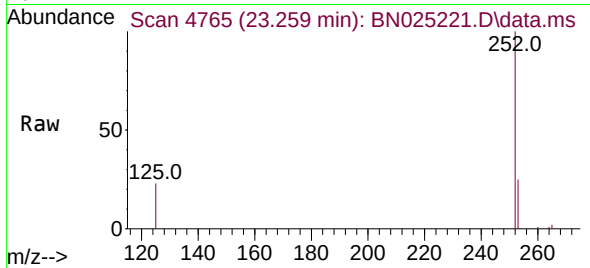
Tgt Ion:252 Resp: 2226822
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.2
125 17.9 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 7.112 ng/ul m
RT: 23.259 min Scan# 4761
Delta R.T. 0.012 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

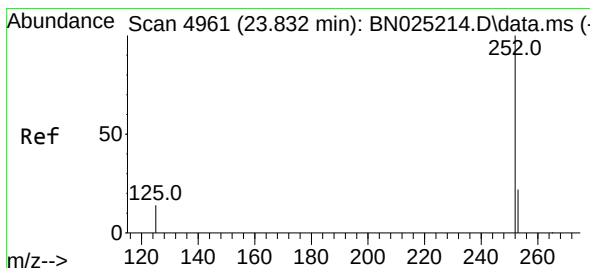
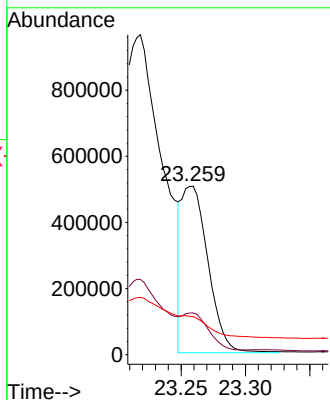
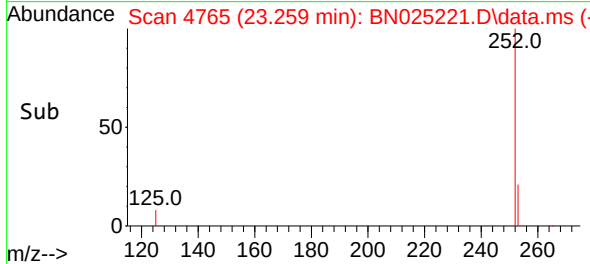
Instrument :
BNA_N
ClientSampleId :
EW931



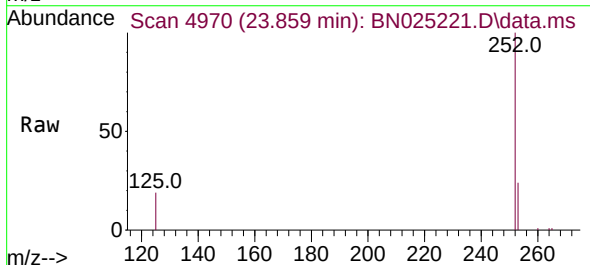
Tgt Ion:252 Resp: 721200
Ion Ratio Lower Upper
252 100
253 24.8 20.2 30.4
125 22.6 11.8 17.8

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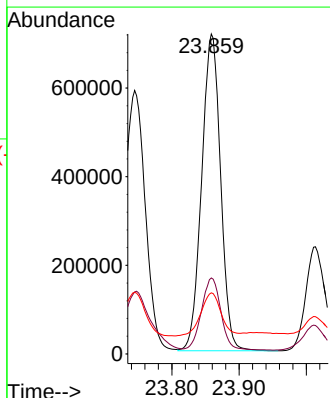
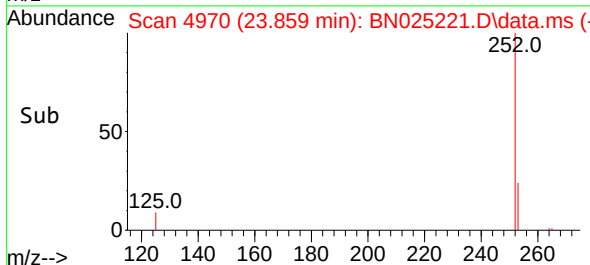
Reviewed By :Christian Giraldo 05/03/2023
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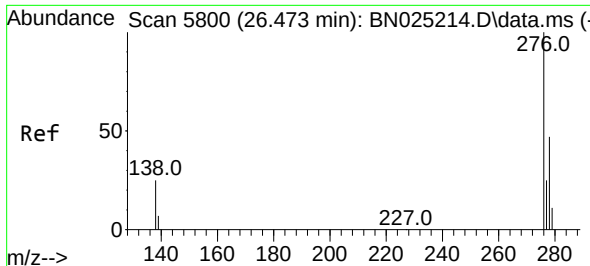


#26
Benzo(a)pyrene
Concen: 16.028 ng/ul
RT: 23.859 min Scan# 4970
Delta R.T. 0.027 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36



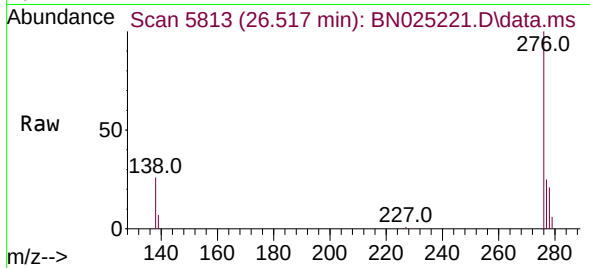
Tgt Ion:252 Resp: 1398030
Ion Ratio Lower Upper
252 100
253 23.8 21.4 32.2
125 19.1 14.6 22.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 12.292 ng/ul
RT: 26.517 min Scan# 5813
Delta R.T. 0.044 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

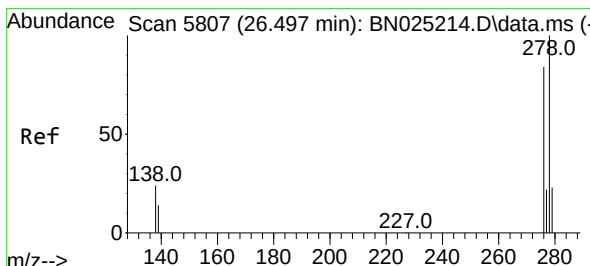
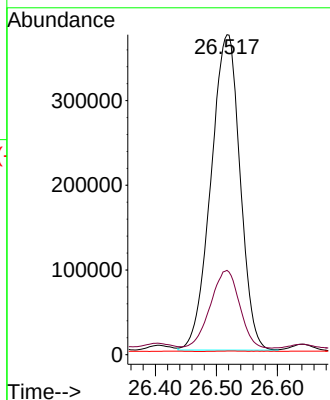
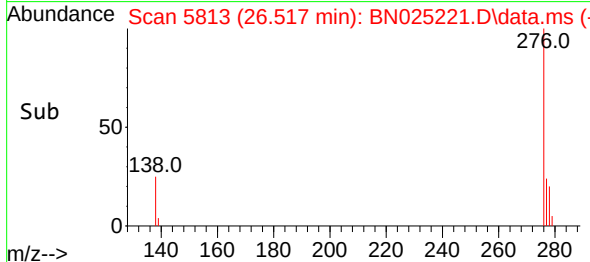
Instrument :
BNA_N
ClientSampleId :
EW931



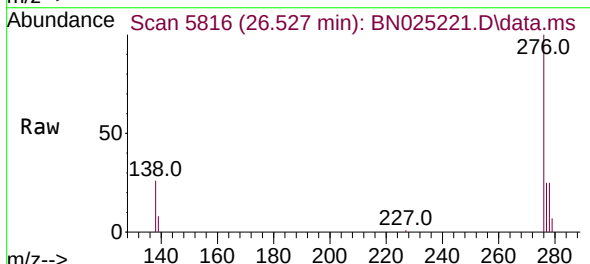
Tgt Ion:276 Resp: 123526
Ion Ratio Lower Upper
276 100
138 24.6 21.9 32.9
227 0.1 0.1 0.1

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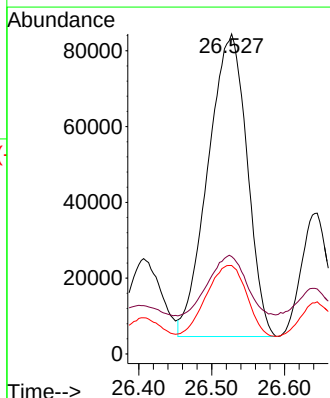
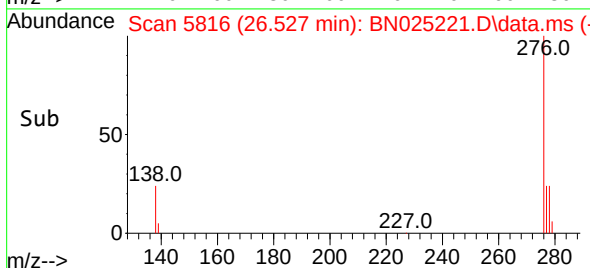
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

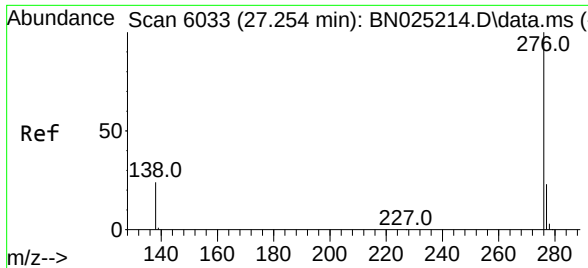


#28
Dibenzo(a,h)anthracene
Concen: 3.786 ng/ul
RT: 26.527 min Scan# 5816
Delta R.T. 0.031 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36



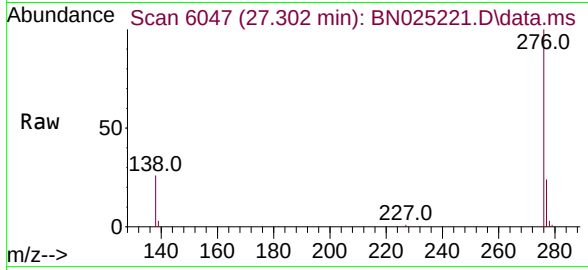
Tgt Ion:278 Resp: 297169
Ion Ratio Lower Upper
278 100
139 30.5 17.0 25.6#
279 27.7 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 15.553 ng/ul
RT: 27.302 min Scan# 6047
Delta R.T. 0.048 min
Lab File: BN025221.D
Acq: 02 May 2023 15:36

Instrument :
BNA_N
ClientSampleId :
EW931



Tgt Ion:276 Resp: 132901
Ion Ratio Lower Upper
276 100
138 26.4 20.3 30.5
277 24.1 19.8 29.6

Manual Integrations
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Supervised By :Jagrut Upadhyay 05/03/2023

