

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025229.D
 Acq On : 02 May 2023 20:23
 Operator : CG/JU
 Sample : 02419-35DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW930DL

Manual Integrations
 APPROVED

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

Quant Time: May 03 02:31:03 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	7.917	152	8475	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	31522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	19362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	42443	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	34277	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	32800	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4748	0.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1481	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3837	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	7391	0.092	ng/ul#	96
7) 2-Methylnaphthalene	12.387	142	3060	0.062	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	2521	0.048	ng/ul	98
10) Acenaphthylene	14.283	152	3820	0.053	ng/ul#	89
11) Acenaphthene	14.621	153	13433	0.221	ng/ul	99
12) Fluorene	15.611	166	13557	0.199	ng/ul	99
15) Phenanthrene	17.351	178	205878	1.718	ng/ul	99
16) Anthracene	17.440	178	42951	0.438	ng/ul	99
19) Fluoranthene	19.368	202	430124	3.470	ng/ul	100
20) Pyrene	19.730	202	365404	2.869	ng/ul	98
21) Benzo(a)anthracene	21.488	228	178817	1.731	ng/ul	99
22) Chrysene	21.541	228	173967	1.544	ng/ul	98
24) Benzo(b)fluoranthene	23.204	252	230646m	1.733	ng/ul	
25) Benzo(k)fluoranthene	23.247	252	75828m	0.592	ng/ul	
26) Benzo(a)pyrene	23.844	252	146734	1.333	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.494	276	90154	0.711	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.510	278	21835	0.220	ng/ul#	82
29) Benzo(g,h,i)perylene	27.279	276	83756	0.776	ng/ul	98

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

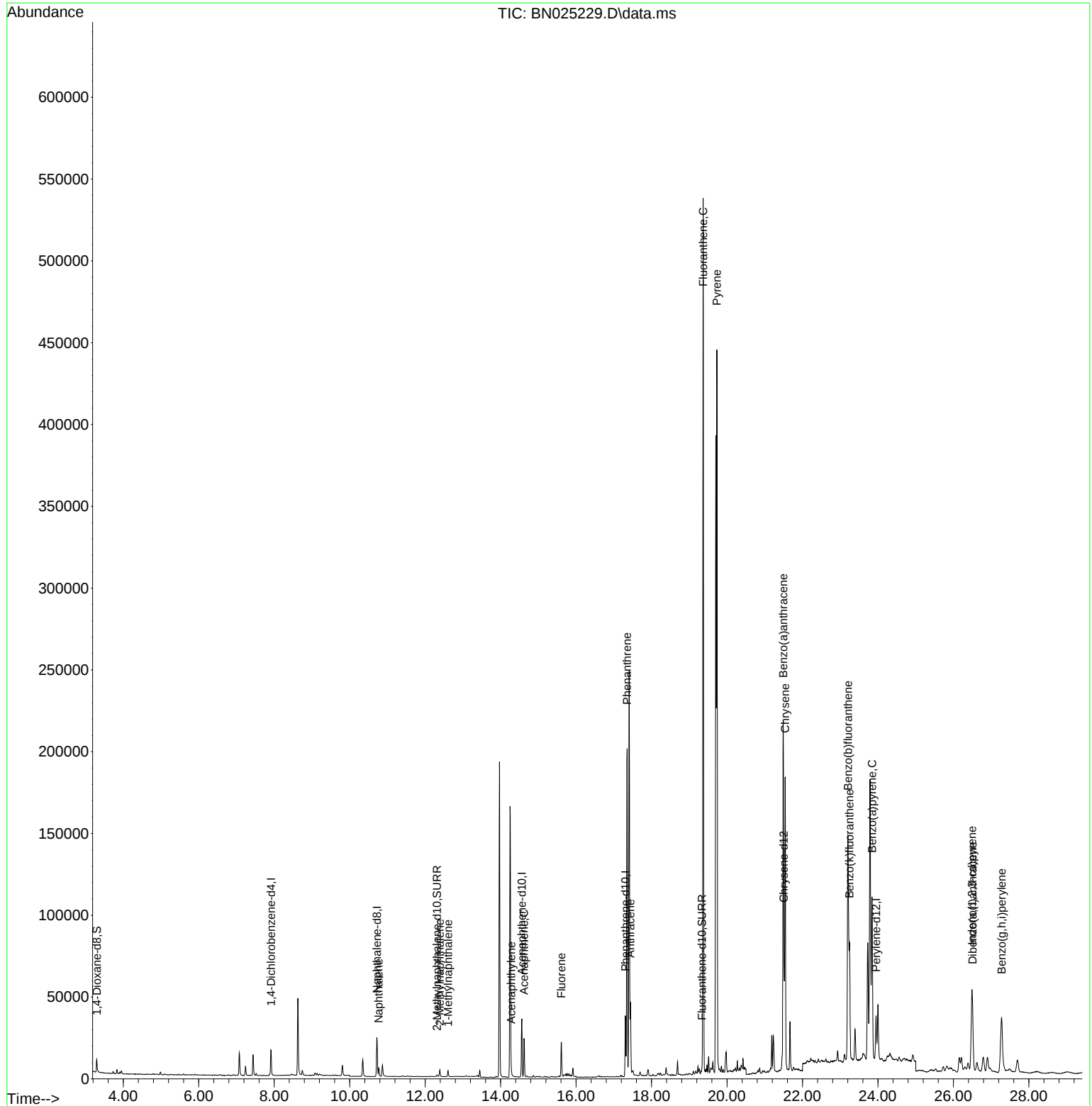
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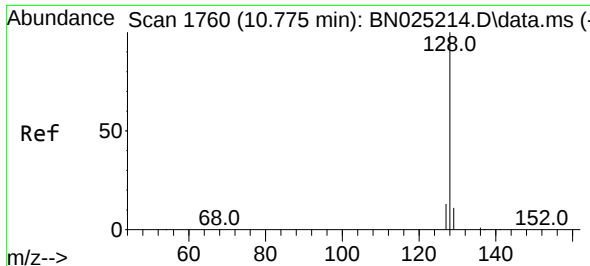
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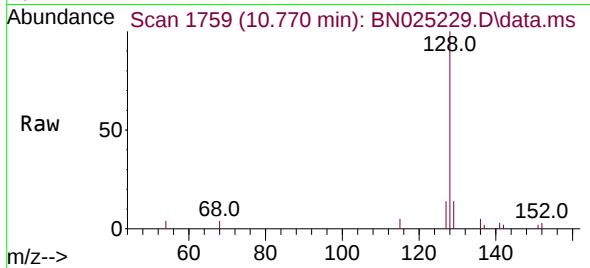
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023





#5
Naphthalene
Concen: 0.092 ng/u1
RT: 10.770 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

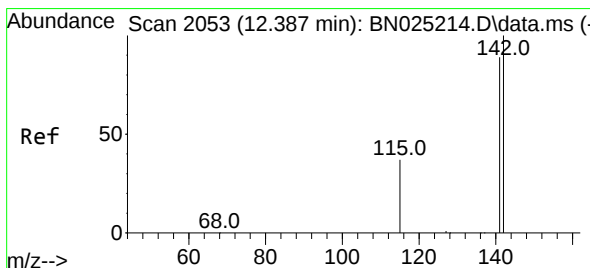
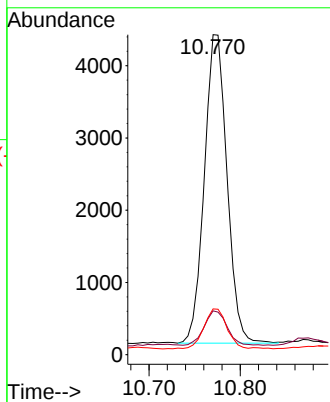
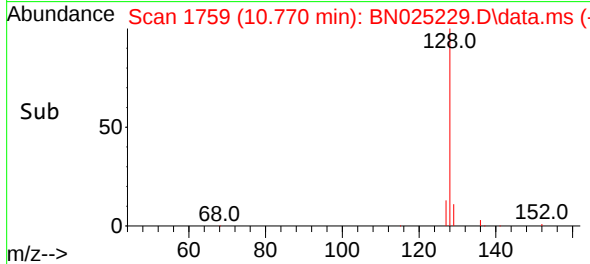
Instrument :
BNA_N
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EW930DL



Tgt Ion:128 Resp: 739
Ion Ratio Lower Upper
128 100
129 13.7 9.0 13.6
127 14.3 10.7 16.1

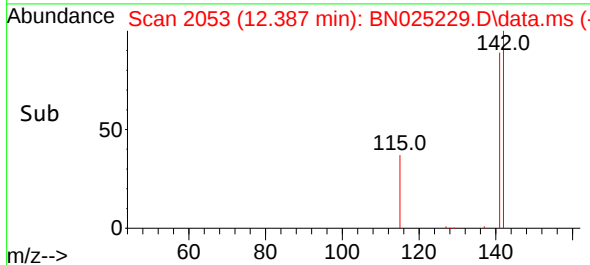
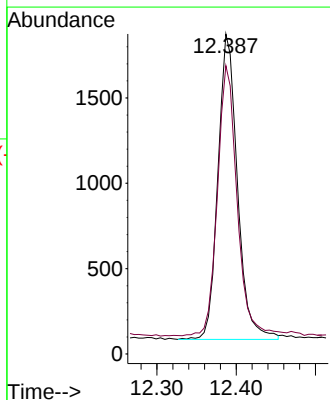
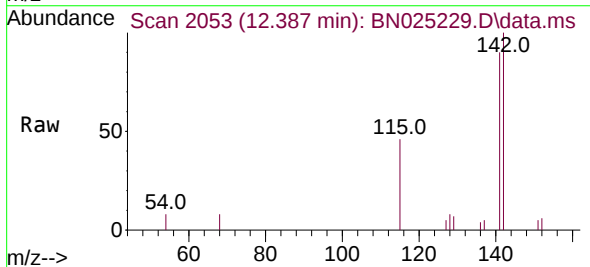
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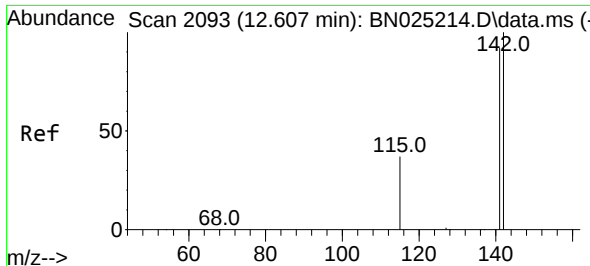
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#7
2-Methylnaphthalene
Concen: 0.062 ng/u1
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

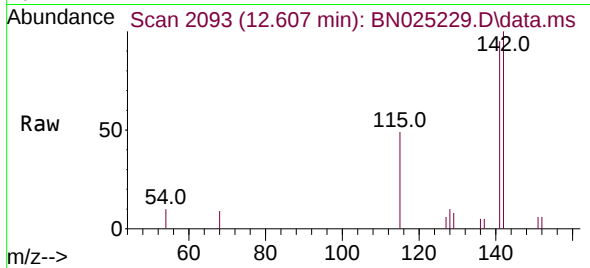
Tgt Ion:142 Resp: 3060
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

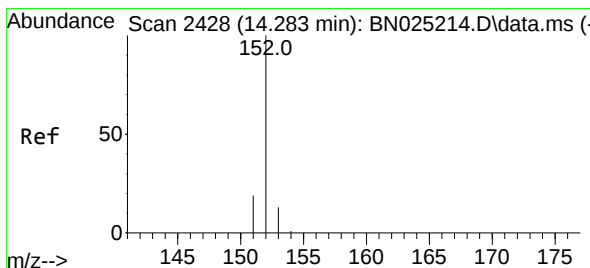
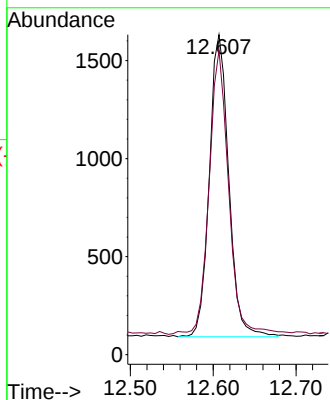
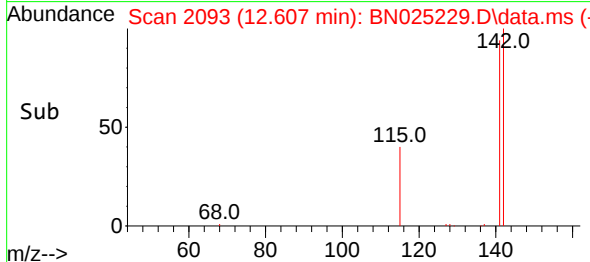
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 252
Ion Ratio Lower Upper
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141 93.7 73.8 110.6

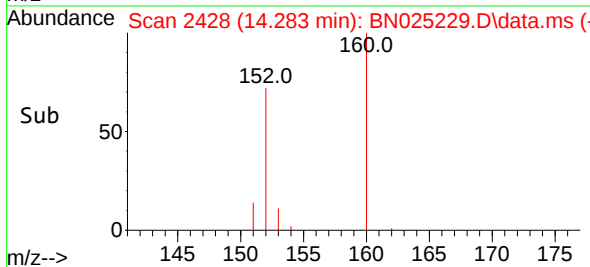
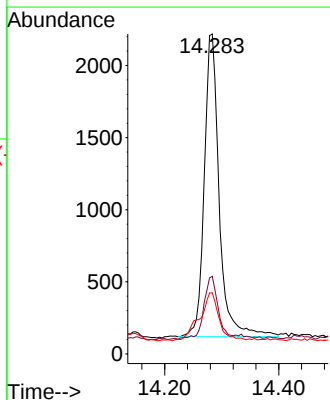
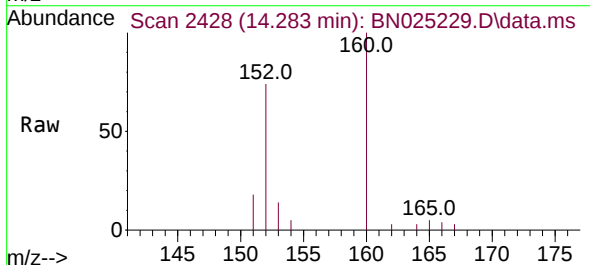
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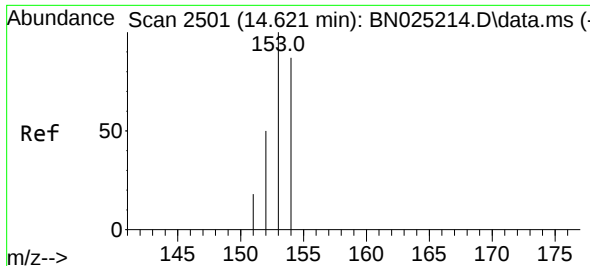
Reviewed By :Christian Giraldo 05/03/2023
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#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

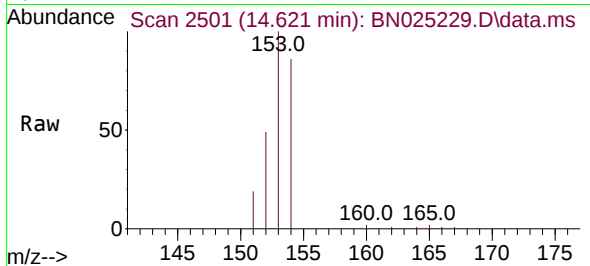
Tgt Ion:152 Resp: 3820
Ion Ratio Lower Upper
152 100
151 24.2 16.0 24.0#
153 19.1 10.8 16.2#





#11
Acenaphthene
Concen: 0.221 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

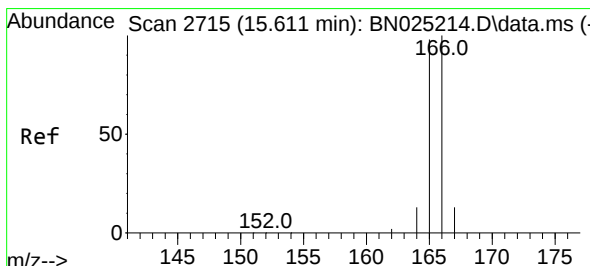
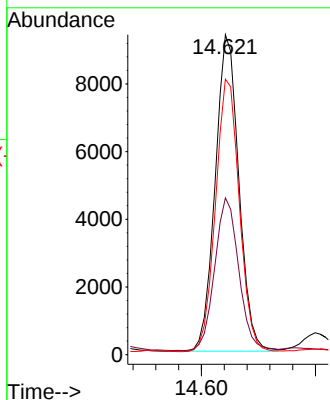
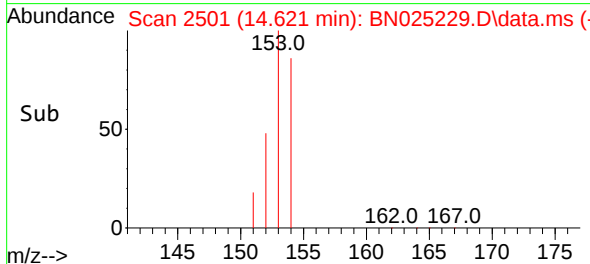
Instrument :
BNA_N
ClientSampleId :
EW930DL



Tgt Ion:153 Resp: 1343
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 86.1 69.4 104.2

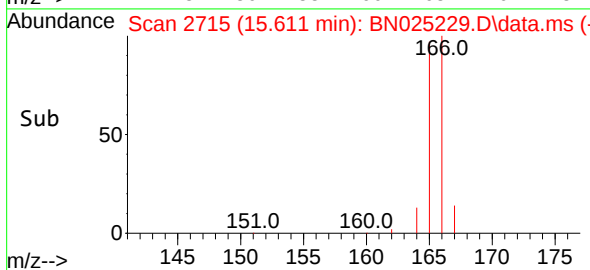
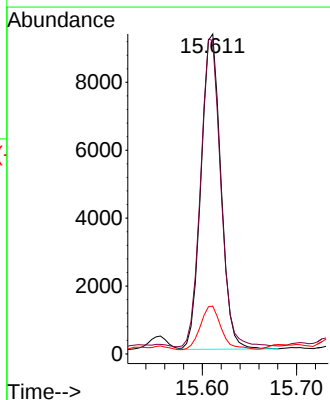
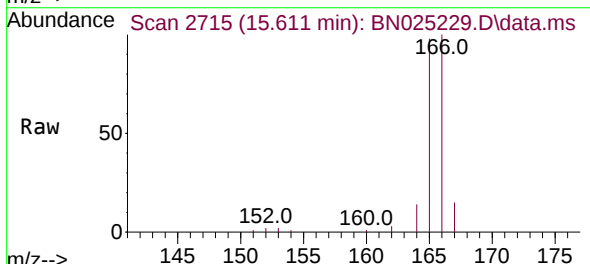
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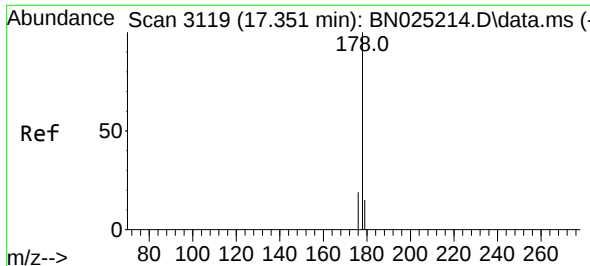
Reviewed By :Christian Giraldo 05/03/2023
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#12
Fluorene
Concen: 0.199 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

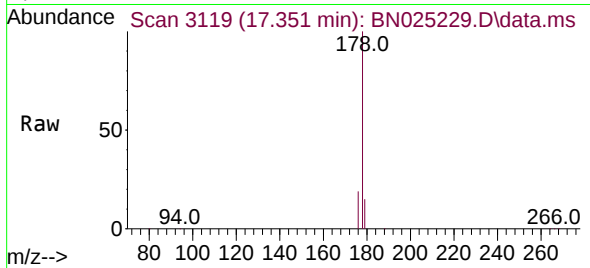
Tgt Ion:166 Resp: 13557
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 15.0 11.0 16.6





#15
Phenanthrene
Concen: 1.718 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

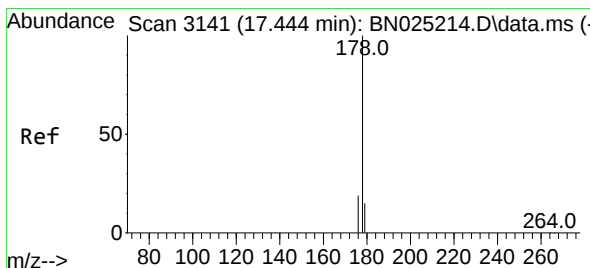
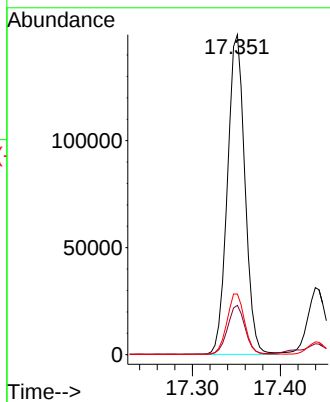
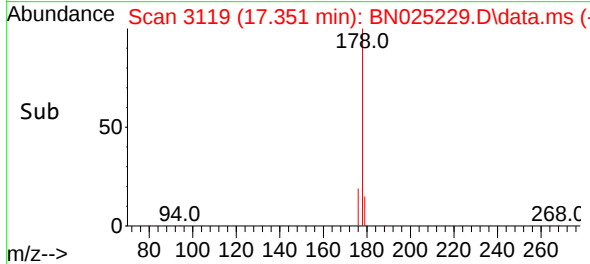
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ClientSampleId :
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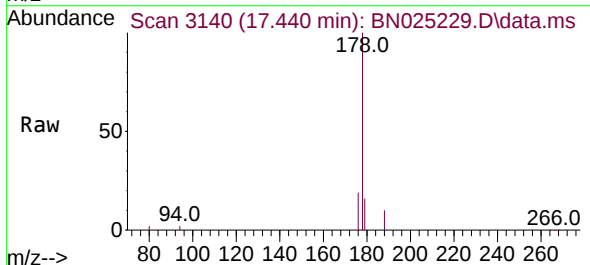
Tgt Ion:178 Resp: 205878
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.0 15.6 23.4

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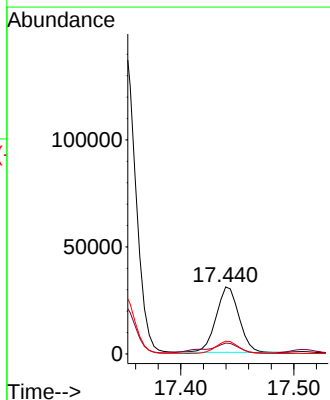
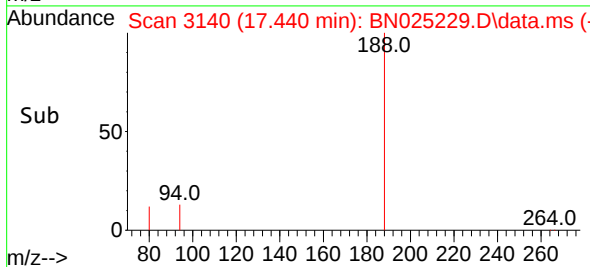
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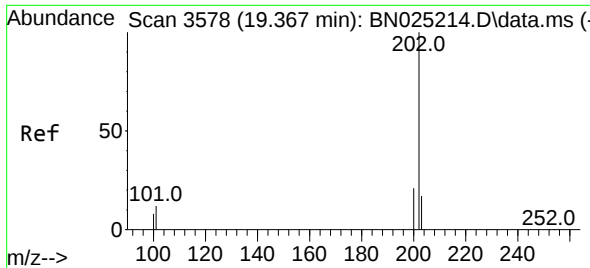


#16
Anthracene
Concen: 0.438 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23



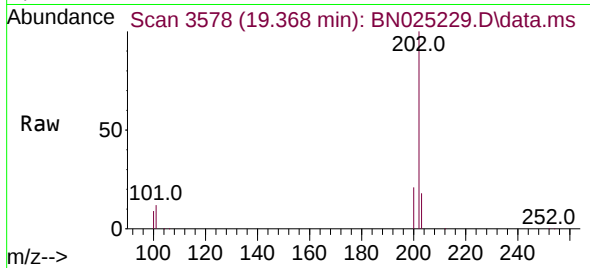
Tgt Ion:178 Resp: 42951
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 19.0 15.3 22.9





#19
Fluoranthene
Concen: 3.470 ng/u1
RT: 19.368 min Scan# 3578
Delta R.T. 0.001 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

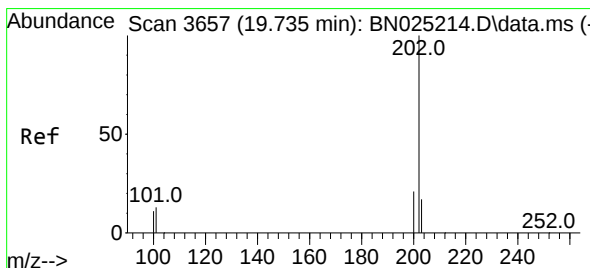
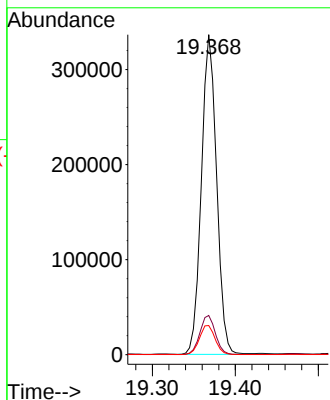
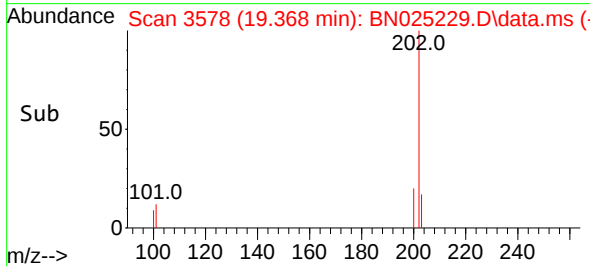
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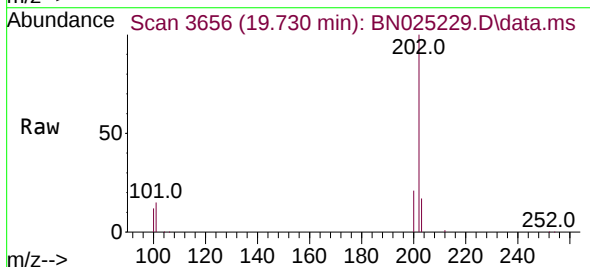
Tgt Ion:202 Resp: 430124
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.1 7.3 10.9

Manual Integrations
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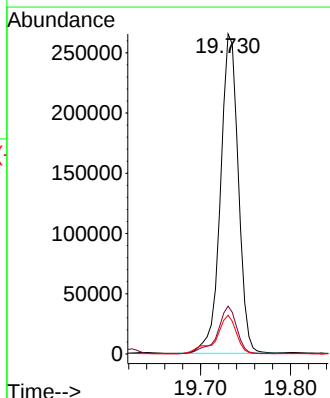
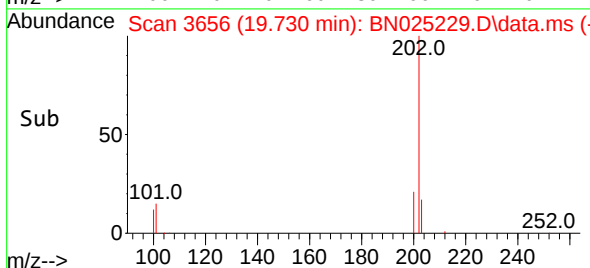
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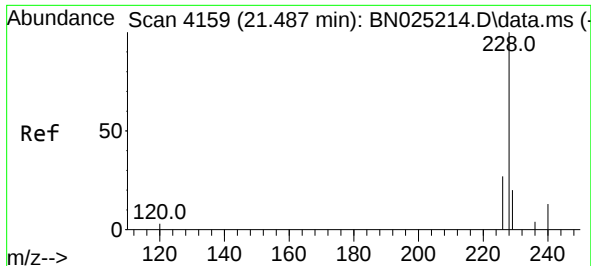


#20
Pyrene
Concen: 2.869 ng/u1
RT: 19.730 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23



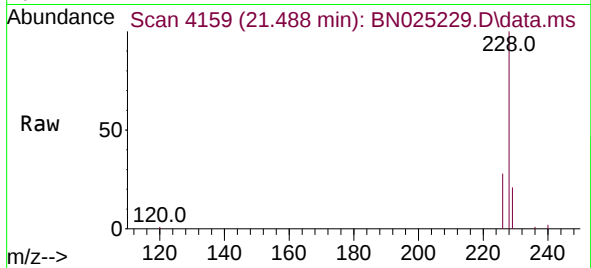
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Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.1 9.2 13.8





#21
Benzo(a)anthracene
Concen: 1.731 ng/ul
RT: 21.488 min Scan# 4159
Delta R.T. 0.001 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

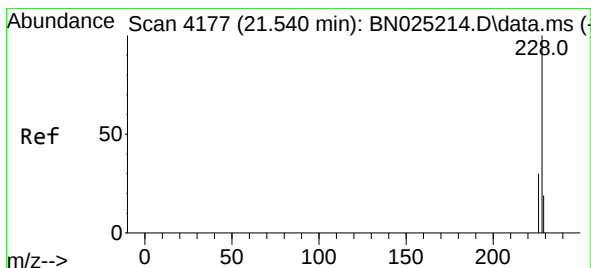
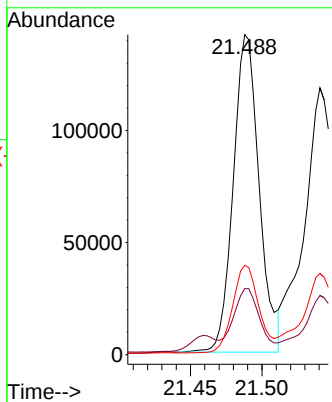
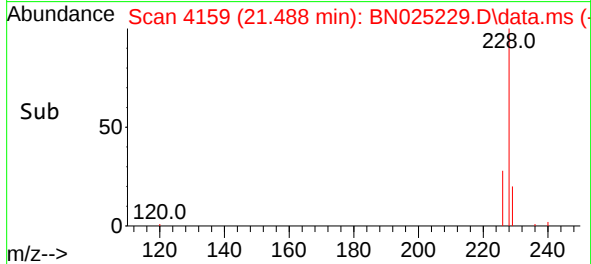
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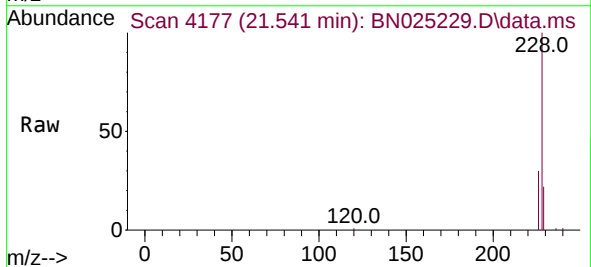
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Ion Ratio Lower Upper
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229 20.6 15.6 23.4
226 27.9 22.1 33.1

Manual Integrations
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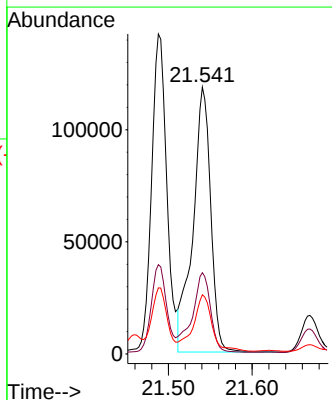
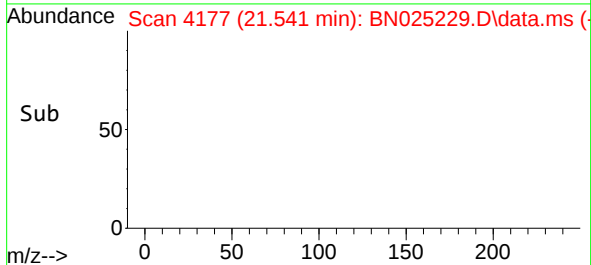
Reviewed By :Christian Giraldo 05/03/2023
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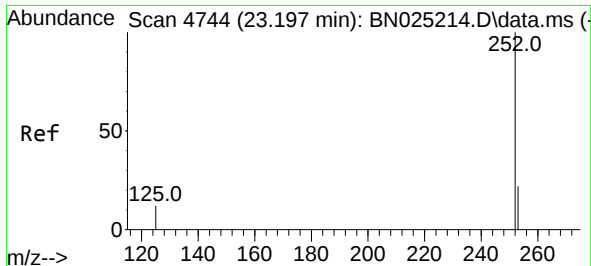


#22
Chrysene
Concen: 1.544 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23



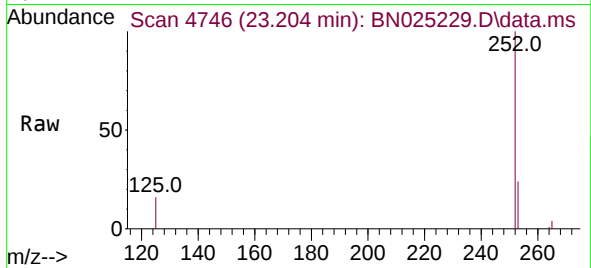
Tgt Ion:228 Resp: 173967
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.733 ng/ul m
RT: 23.204 min Scan# 4746
Delta R.T. 0.006 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

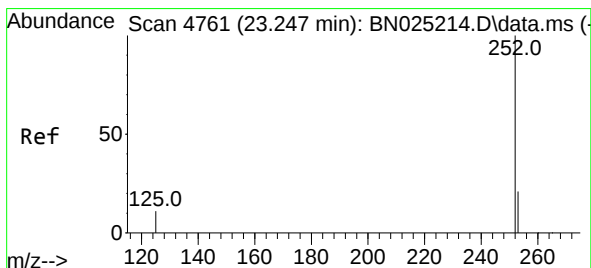
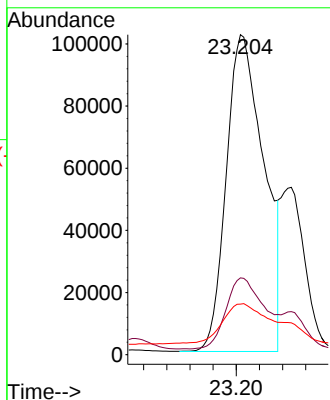
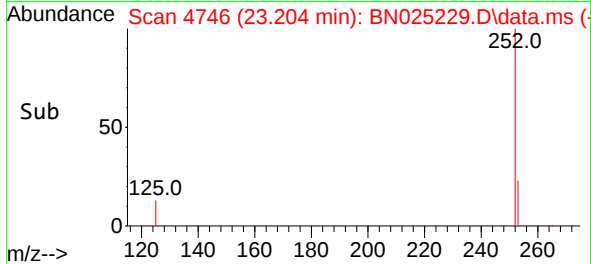
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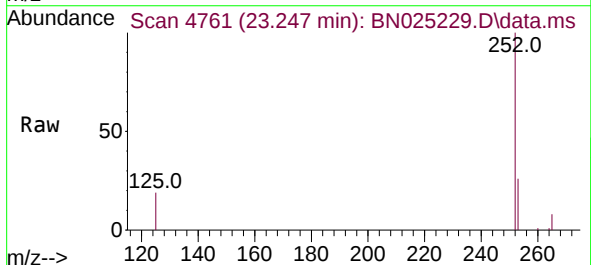
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Ion Ratio Lower Upper
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125 15.8 0.0 30.4

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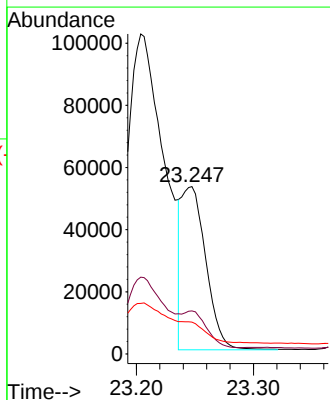
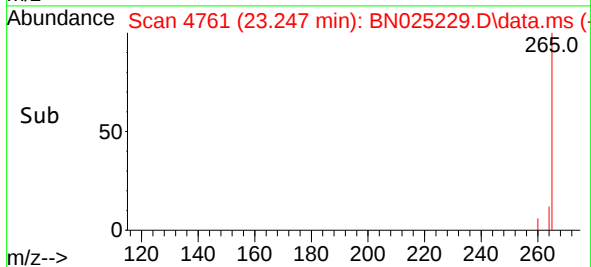
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

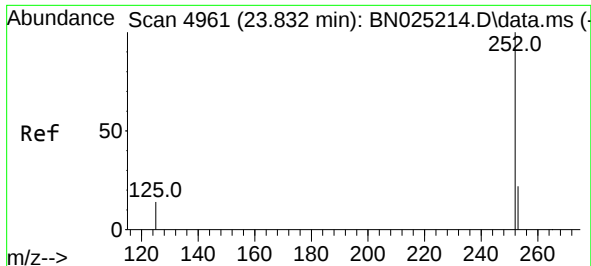


#25
Benzo(k)fluoranthene
Concen: 0.592 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.001 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23



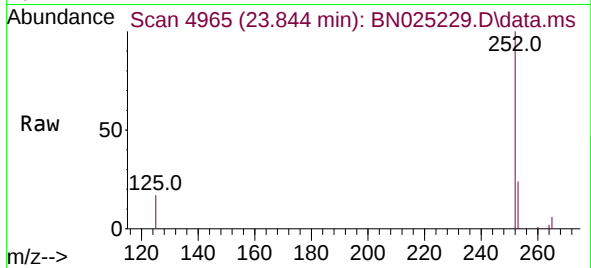
Tgt Ion:252 Resp: 75828
Ion Ratio Lower Upper
252 100
253 25.7 20.2 30.4
125 19.0 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 1.333 ng/ul
RT: 23.844 min Scan# 4961
Delta R.T. 0.012 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

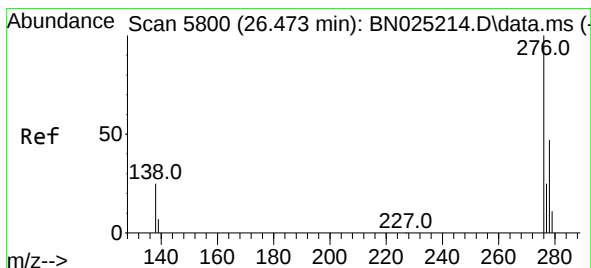
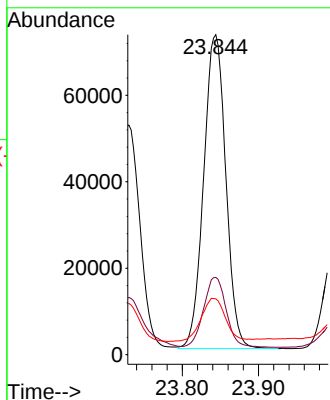
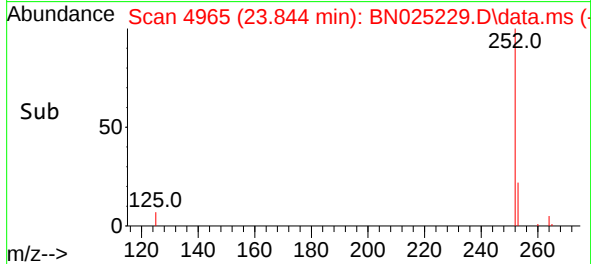
Instrument :
BNA_N
ClientSampleId :
EW930DL



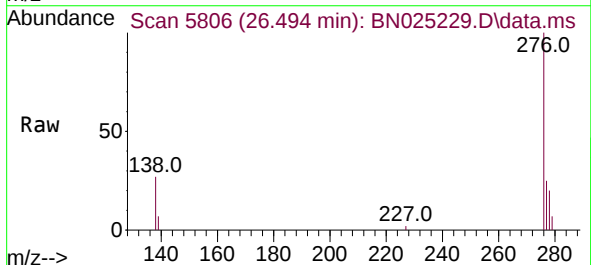
Tgt Ion:252 Resp: 146734
Ion Ratio Lower Upper
252 100
253 24.2 21.4 32.2
125 17.5 14.6 22.0

Manual Integrations
APPROVED

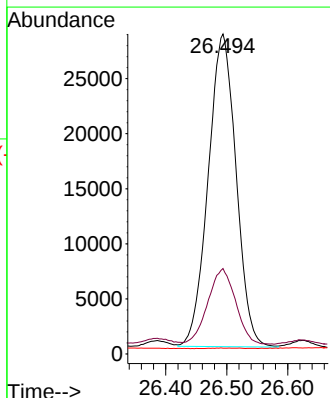
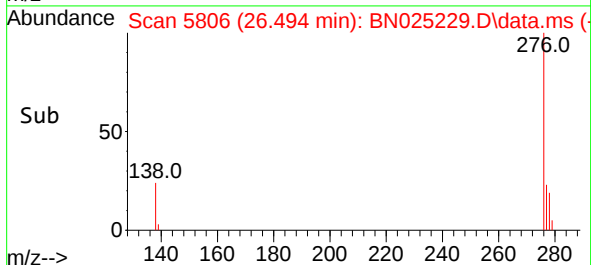
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

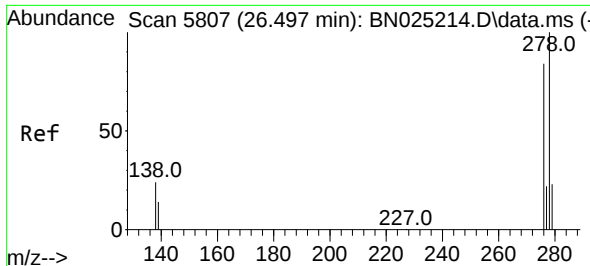


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.711 ng/ul
RT: 26.494 min Scan# 5806
Delta R.T. 0.021 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23



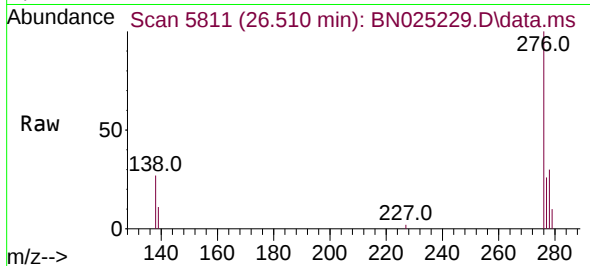
Tgt Ion:276 Resp: 90154
Ion Ratio Lower Upper
276 100
138 24.1 21.9 32.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.220 ng/ul
RT: 26.510 min Scan# 5811
Delta R.T. 0.014 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

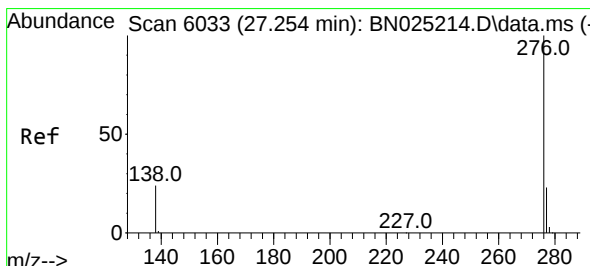
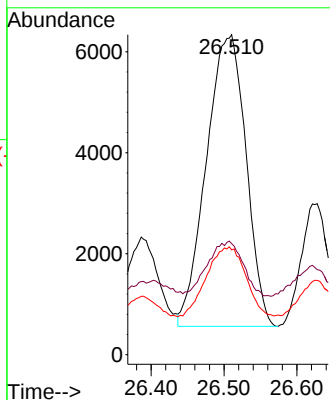
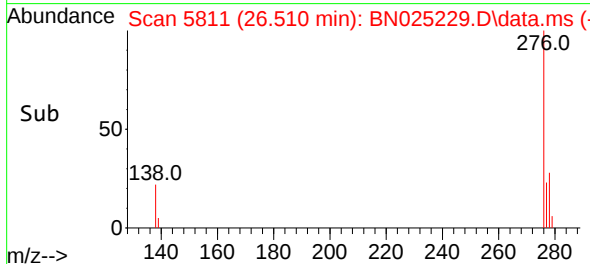
Instrument :
BNA_N
ClientSampleId :
EW930DL



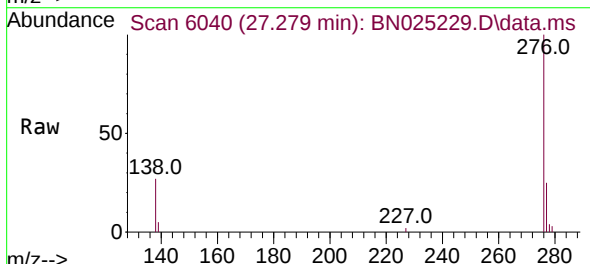
Tgt Ion:278 Resp: 21835
Ion Ratio Lower Upper
278 100
139 34.7 17.0 25.6
279 32.8 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.776 ng/ul
RT: 27.279 min Scan# 6040
Delta R.T. 0.024 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23



Tgt Ion:276 Resp: 83756
Ion Ratio Lower Upper
276 100
138 26.8 20.3 30.5
277 25.0 19.8 29.6

