

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025227.D
 Acq On : 02 May 2023 19:11
 Operator : CG/JU
 Sample : 02419-34DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW929DL

Manual Integrations
 APPROVED

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

Quant Time: May 03 02:30:41 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	9489	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	32675	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	19999	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	48830	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	36630	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	32826	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4095	0.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1441	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3651	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	5263	0.063	ng/ul#	93
7) 2-Methylnaphthalene	12.387	142	4233	0.083	ng/ul	97
8) 1-Methylnaphthalene	12.607	142	2890	0.053	ng/ul	99
10) Acenaphthylene	14.279	152	8458	0.114	ng/ul#	92
11) Acenaphthene	14.621	153	2903	0.046	ng/ul	97
12) Fluorene	15.611	166	4060	0.058	ng/ul#	93
15) Phenanthrene	17.351	178	81843	0.594	ng/ul	99
16) Anthracene	17.440	178	17901	0.159	ng/ul#	92
19) Fluoranthene	19.368	202	212956	1.608	ng/ul	99
20) Pyrene	19.731	202	217158	1.596	ng/ul	98
21) Benzo(a)anthracene	21.485	228	140687	1.275	ng/ul	96
22) Chrysene	21.541	228	163905	1.361	ng/ul	96
24) Benzo(b)fluoranthene	23.189	252	259182m	1.946	ng/ul	
25) Benzo(k)fluoranthene	23.236	252	93274m	0.728	ng/ul	
26) Benzo(a)pyrene	23.821	252	164615	1.494	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.447	276	161536	1.272	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.450	278	37794	0.381	ng/ul#	80
29) Benzo(g,h,i)perylene	27.222	276	195829	1.814	ng/ul	98

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

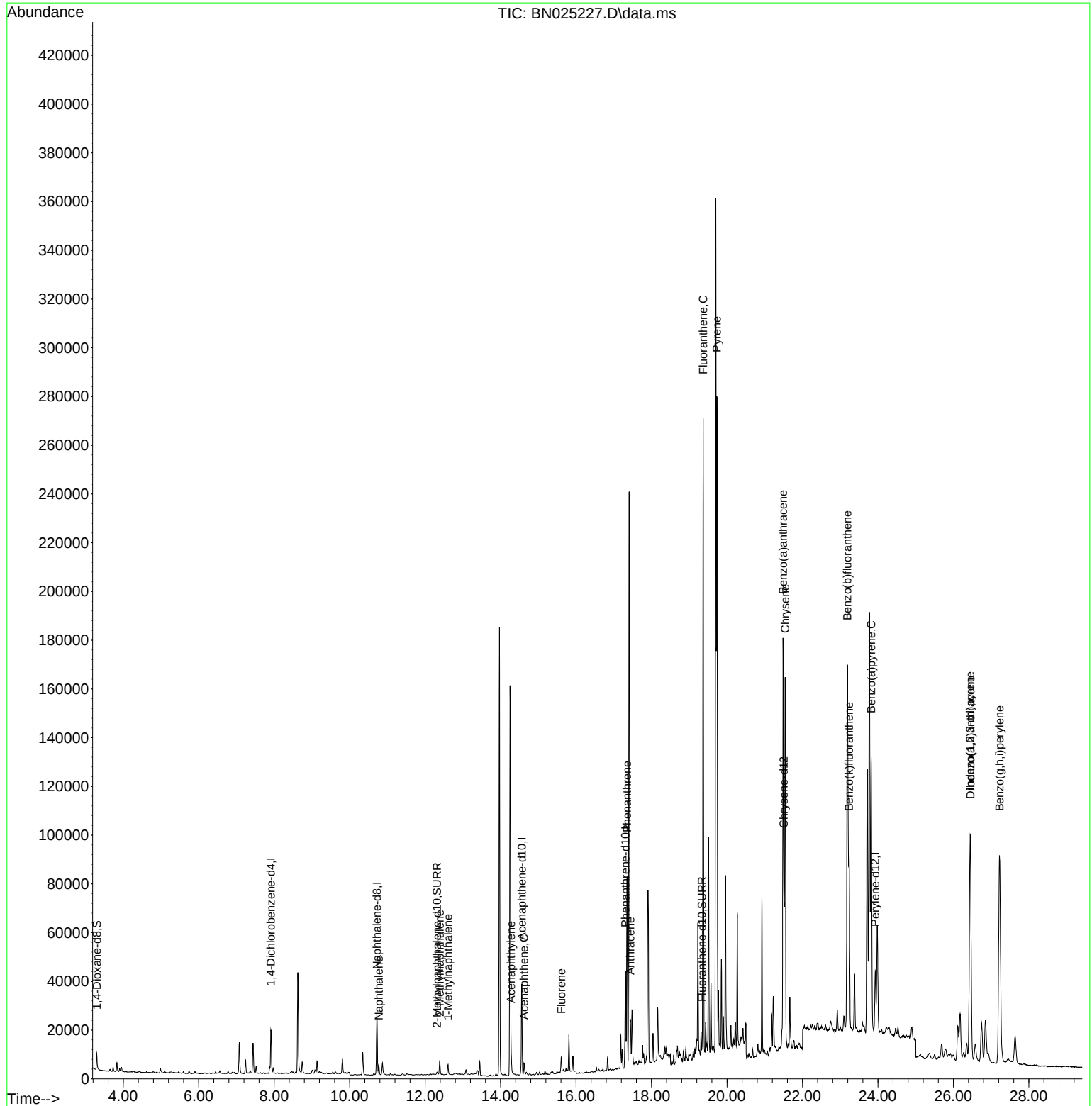
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
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ALS Vial : 15 Sample Multiplier: 1

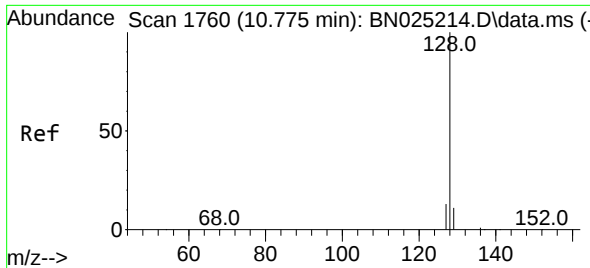
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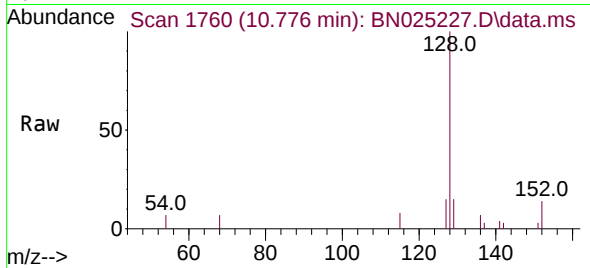
Quant Time: May 03 02:30:41 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

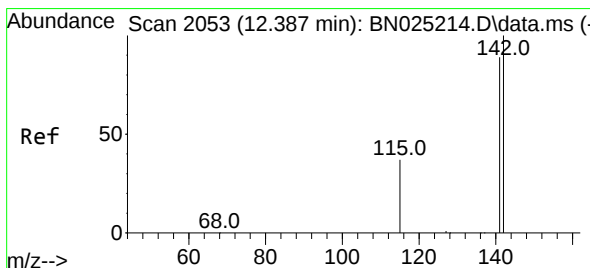
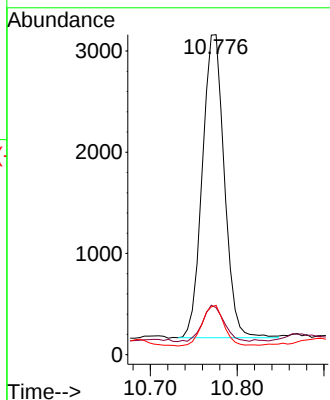
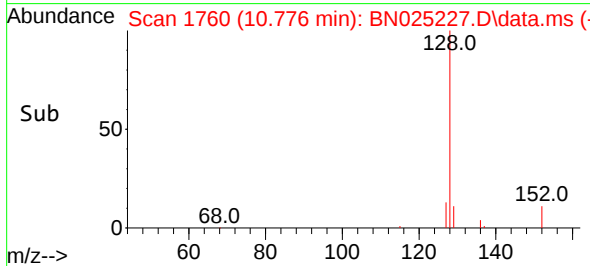
Instrument :
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ClientSampleId :
EW929DL



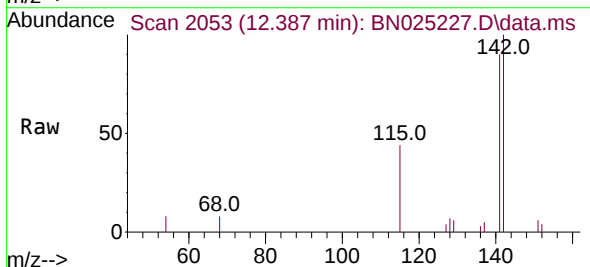
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Ion Ratio Lower Upper
128 100
129 14.7 9.0 13.6
127 15.4 10.7 16.1

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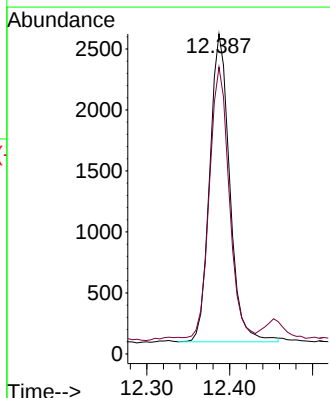
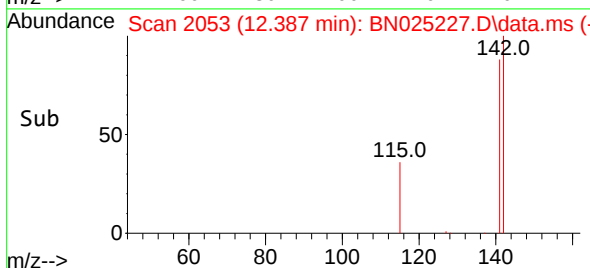
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

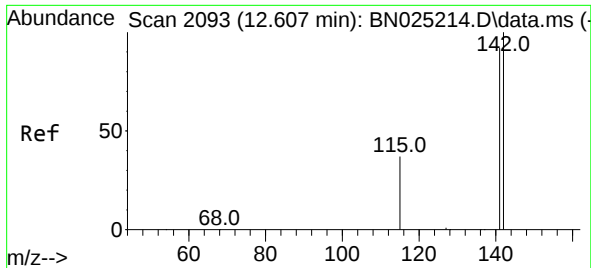


#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11



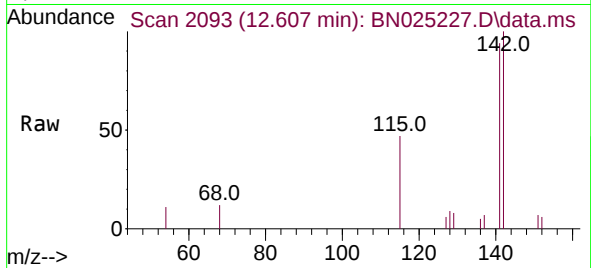
Tgt Ion:142 Resp: 4233
Ion Ratio Lower Upper
142 100
141 86.3 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

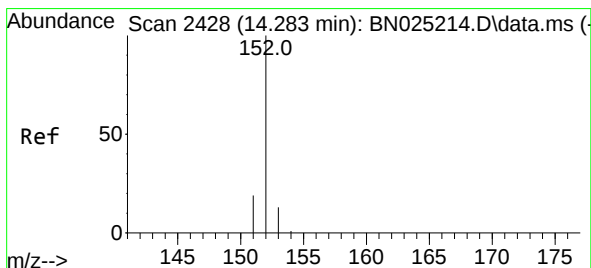
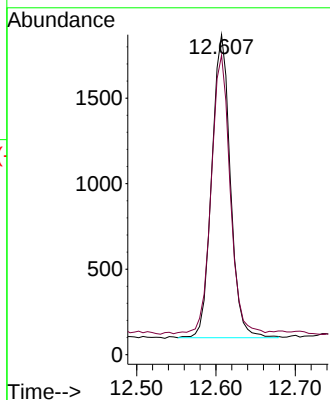
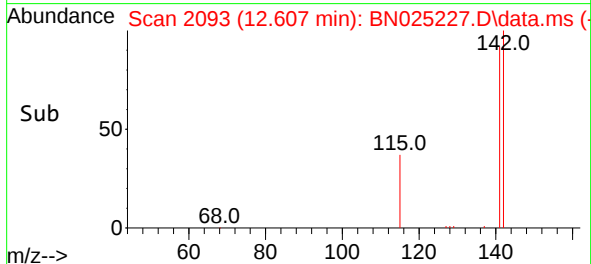
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Tgt Ion:142 Resp: 2890
Ion Ratio Lower Upper
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141 93.1 73.8 110.6

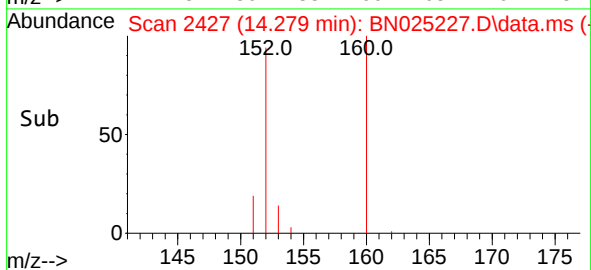
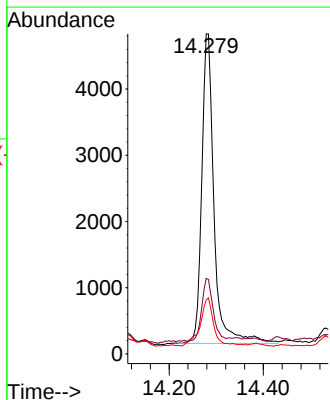
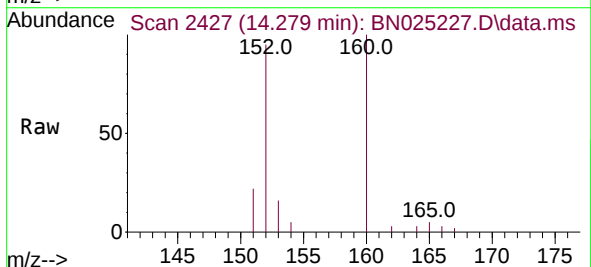
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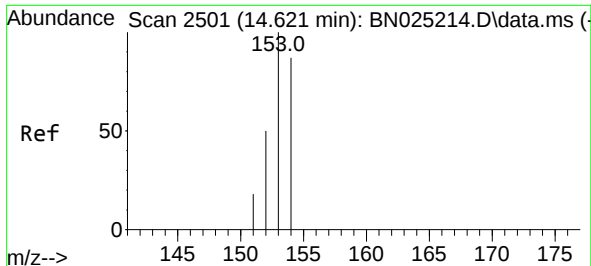
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

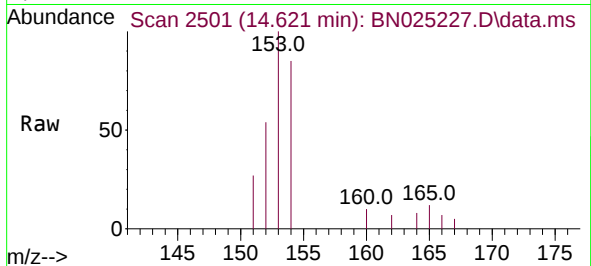
Tgt Ion:152 Resp: 8458
Ion Ratio Lower Upper
152 100
151 23.6 16.0 24.0
153 16.9 10.8 16.2#





#11
Acenaphthene
Concen: 0.046 ng/u1
RT: 14.621 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

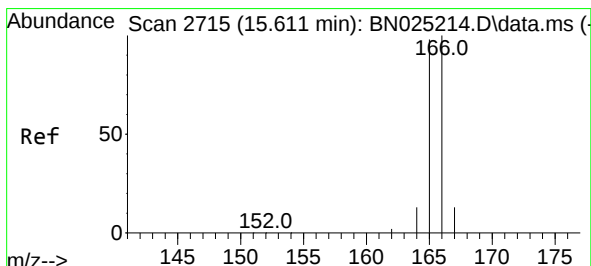
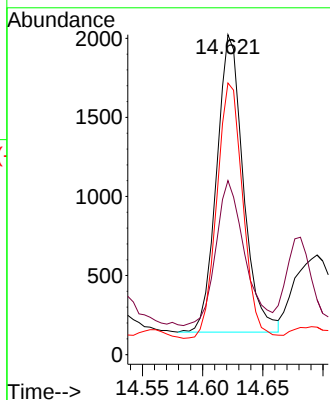
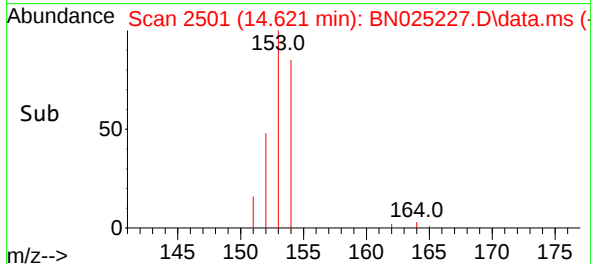
Instrument :
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Tgt Ion:153 Resp: 290
Ion Ratio Lower Upper
153 100
152 54.4 40.2 60.4
154 84.9 69.4 104.2

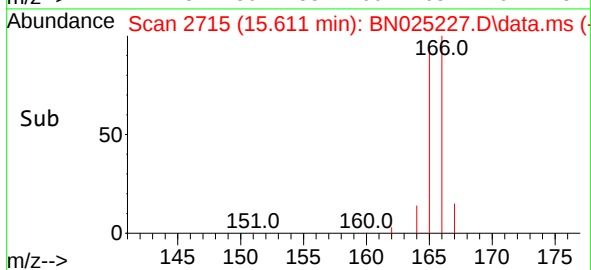
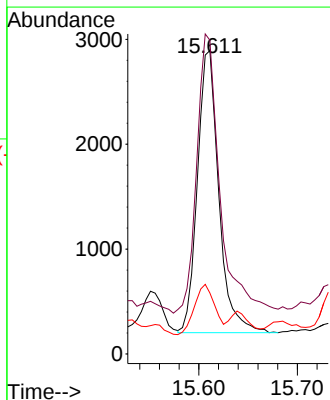
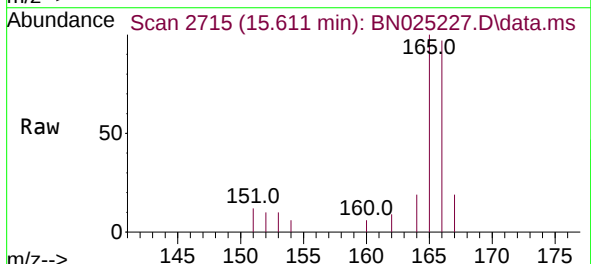
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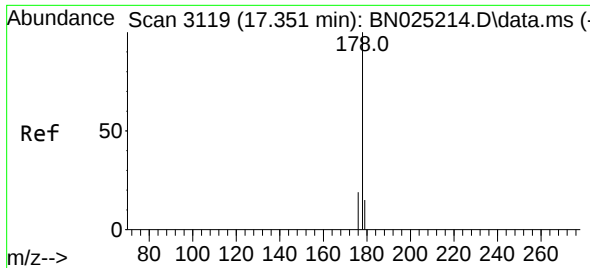
Reviewed By :Christian Giraldo 05/03/2023
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#12
Fluorene
Concen: 0.058 ng/u1
RT: 15.611 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

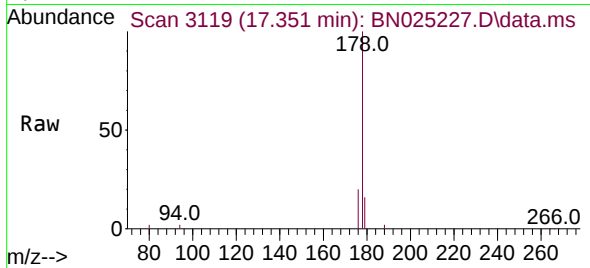
Tgt Ion:166 Resp: 4060
Ion Ratio Lower Upper
166 100
165 103.5 78.1 117.1
167 20.1 11.0 16.6#





#15
Phenanthrene
Concen: 0.594 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

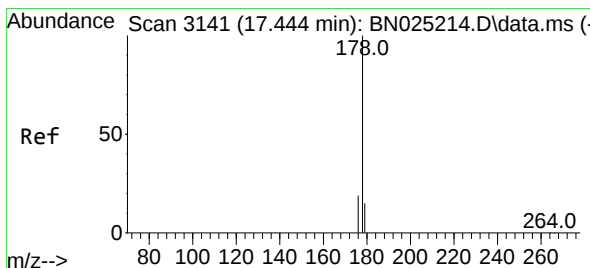
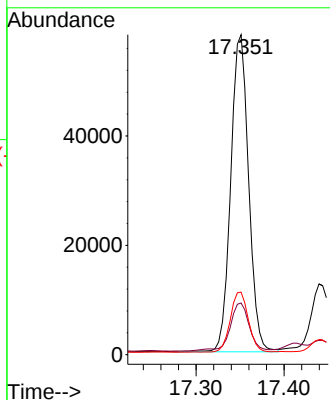
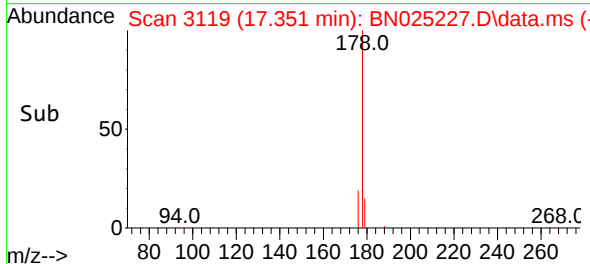
Instrument :
BNA_N
ClientSampleId :
EW929DL



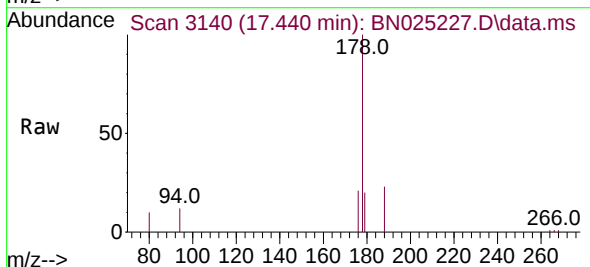
Tgt Ion:178 Resp: 8184
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 19.6 15.6 23.4

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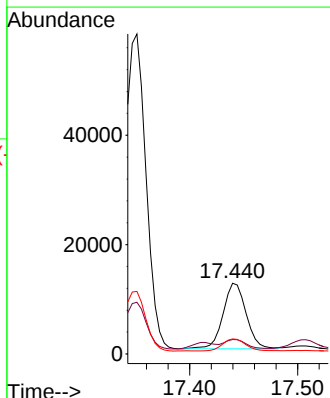
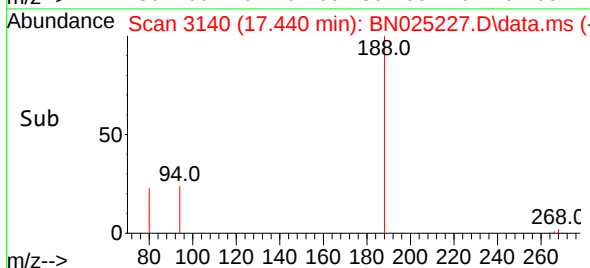
Reviewed By :Christian Giraldo 05/03/2023
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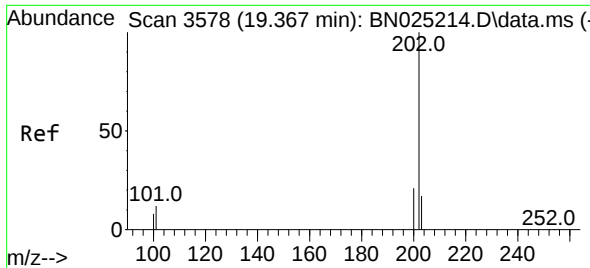


#16
Anthracene
Concen: 0.159 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11



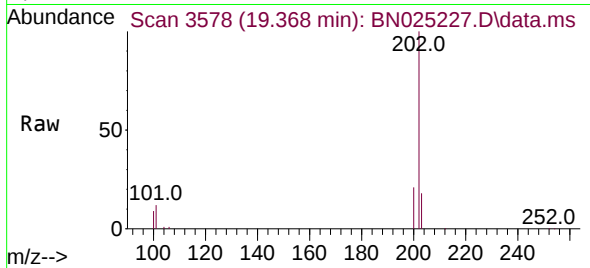
Tgt Ion:178 Resp: 17901
Ion Ratio Lower Upper
178 100
179 20.5 12.7 19.1#
176 21.2 15.3 22.9





#19
Fluoranthene
Concen: 1.608 ng/u1
RT: 19.368 min Scan# 3578
Delta R.T. 0.001 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

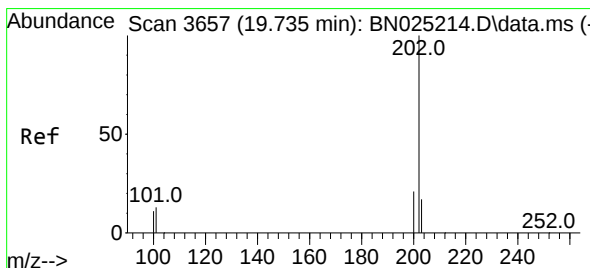
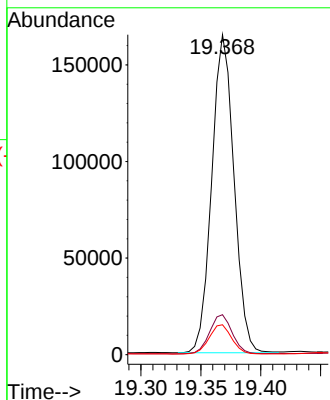
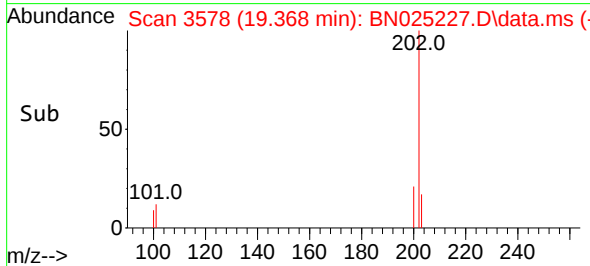
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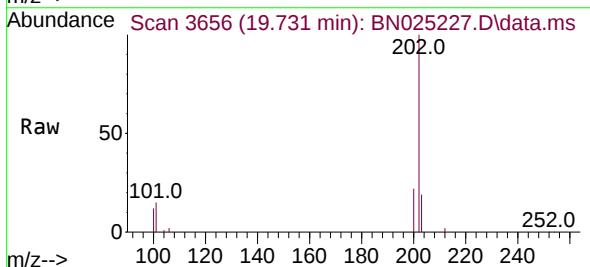
Tgt Ion:202 Resp: 212950
Ion Ratio Lower Upper
202 100
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100 9.3 7.3 10.9

Manual Integrations
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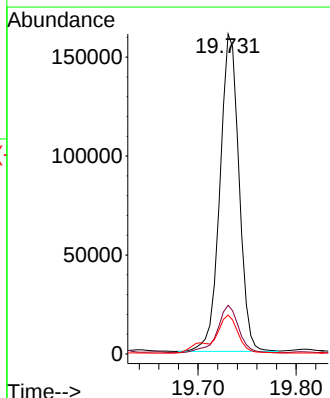
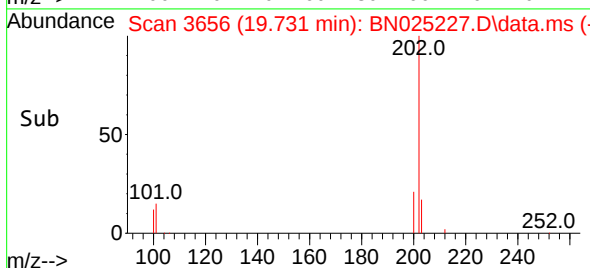
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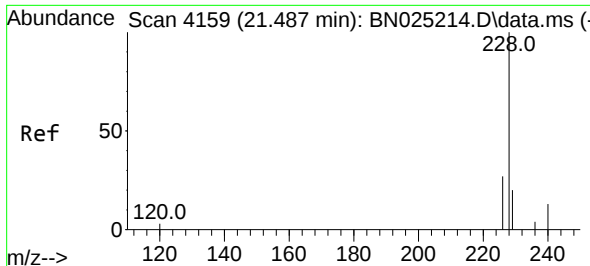


#20
Pyrene
Concen: 1.596 ng/u1
RT: 19.731 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11



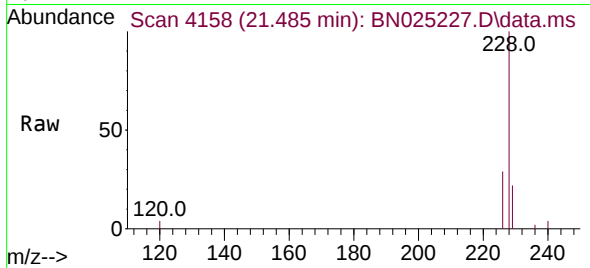
Tgt Ion:202 Resp: 217158
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
100 12.2 9.2 13.8





#21
Benzo(a)anthracene
Concen: 1.275 ng/ul
RT: 21.485 min Scan# 4158
Delta R.T. -0.002 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

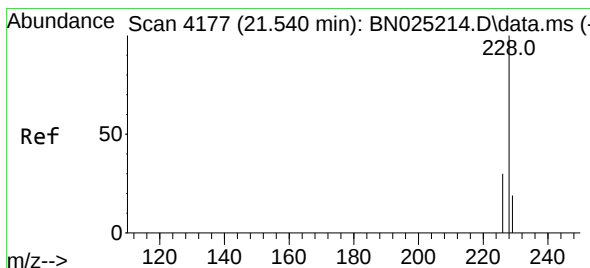
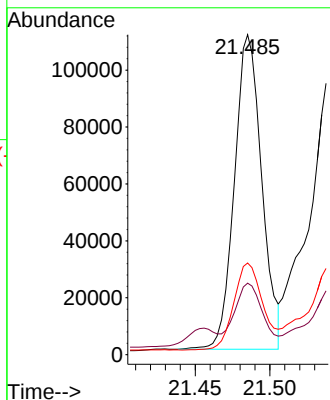
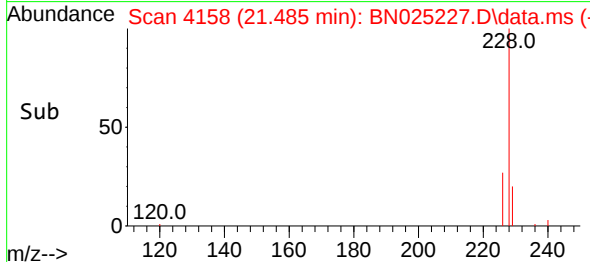
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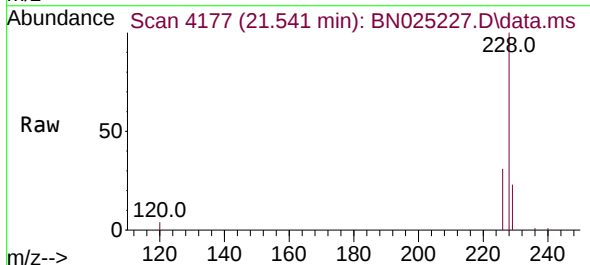
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Ion Ratio Lower Upper
228 100
229 22.3 15.6 23.4
226 28.7 22.1 33.1

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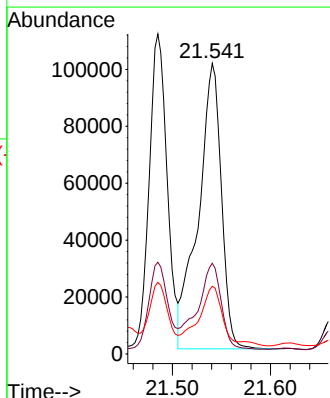
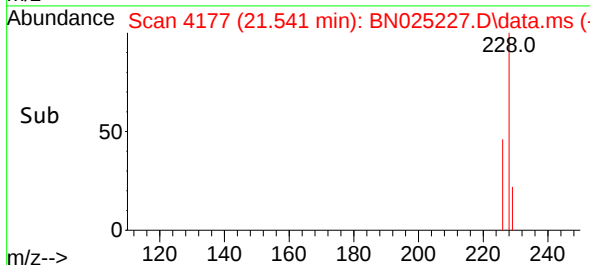
Reviewed By :Christian Giraldo 05/03/2023
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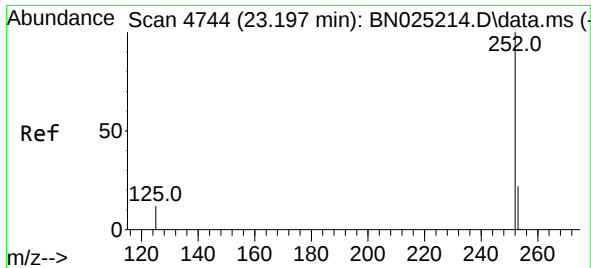


#22
Chrysene
Concen: 1.361 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11



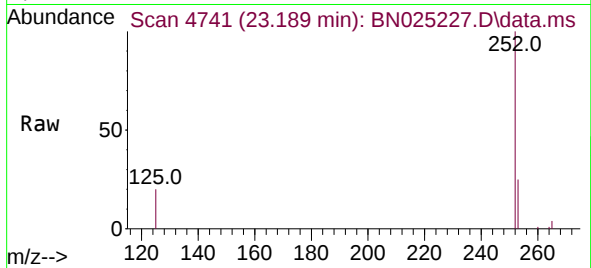
Tgt Ion:228 Resp: 163905
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 23.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.946 ng/ul m
RT: 23.189 min Scan# 4741
Delta R.T. -0.008 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

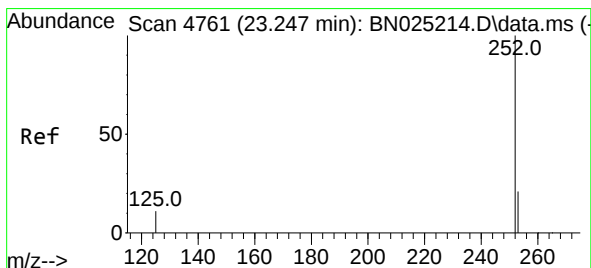
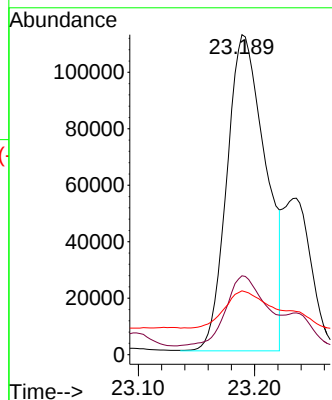
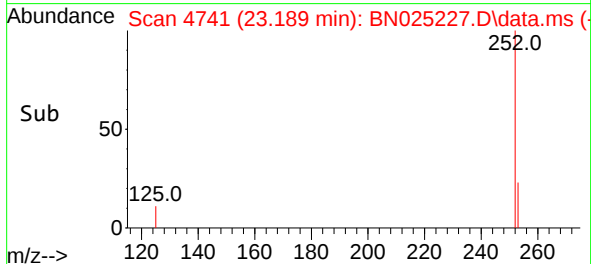
Instrument :
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Tgt Ion:252 Resp: 25918
Ion Ratio Lower Upper
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253 24.6 0.0 50.2
125 19.9 0.0 30.4

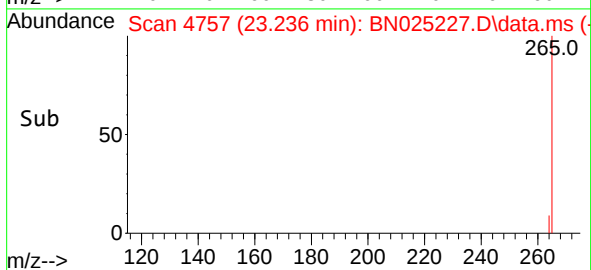
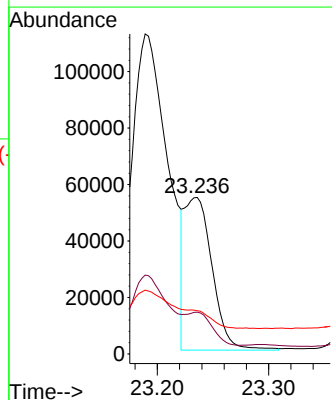
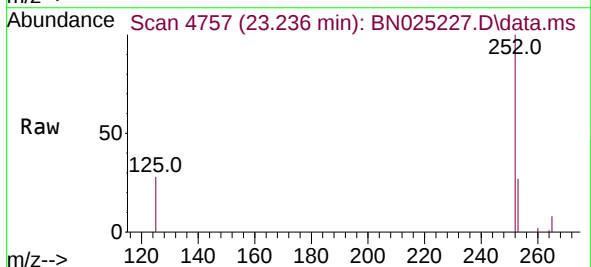
Manual Integrations
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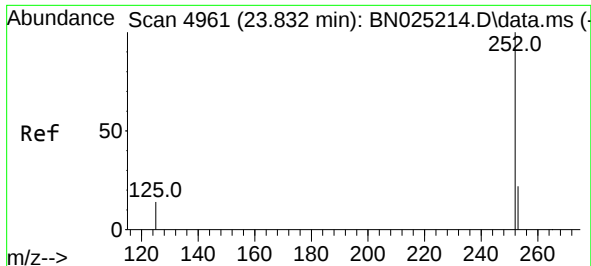
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.728 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.011 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

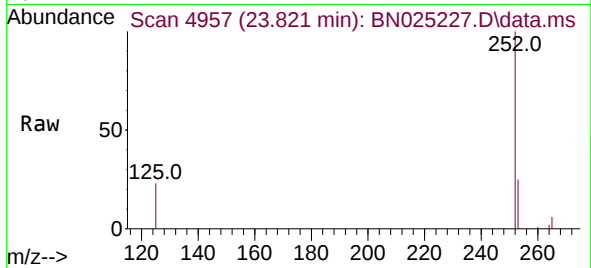
Tgt Ion:252 Resp: 93274
Ion Ratio Lower Upper
252 100
253 26.7 20.2 30.4
125 27.7 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 1.494 ng/ul
RT: 23.821 min Scan# 4961
Delta R.T. -0.011 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

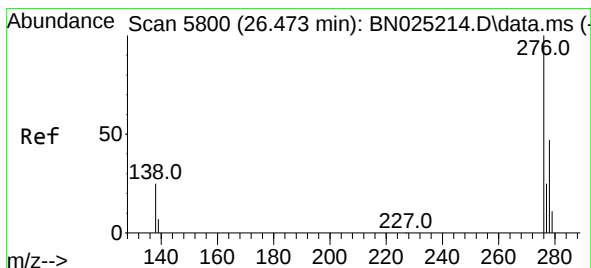
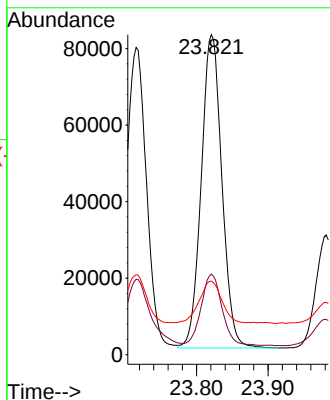
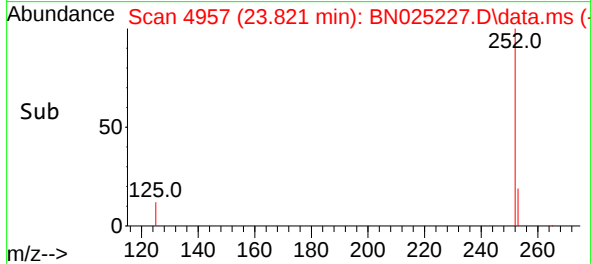
Instrument :
BNA_N
ClientSampleId :
EW929DL



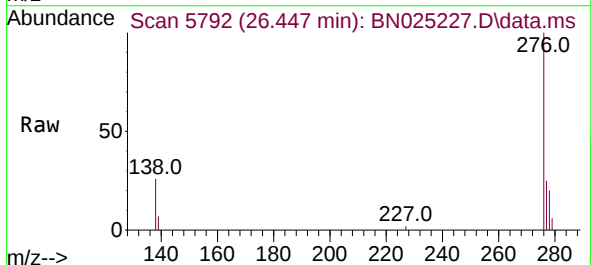
Tgt Ion:252 Resp: 164615
Ion Ratio Lower Upper
252 100
253 25.2 21.4 32.2
125 23.0 14.6 22.0

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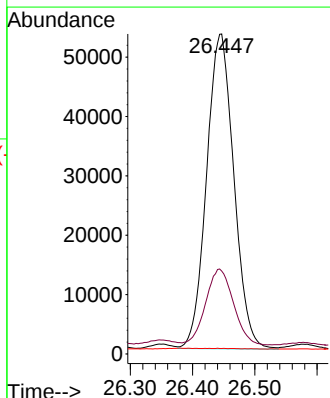
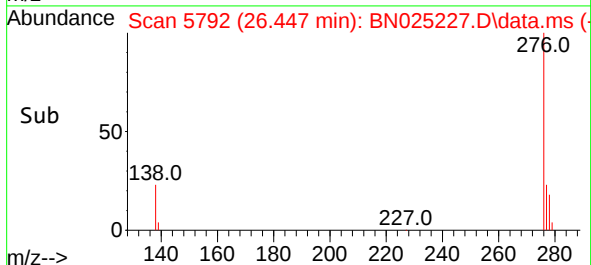
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

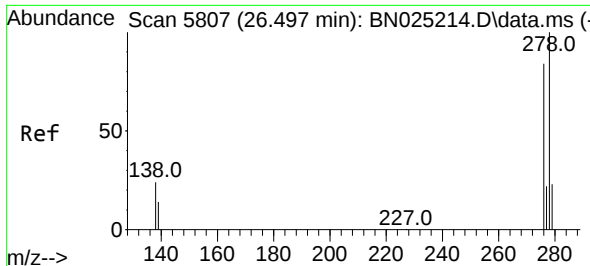


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.272 ng/ul
RT: 26.447 min Scan# 5792
Delta R.T. -0.026 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11



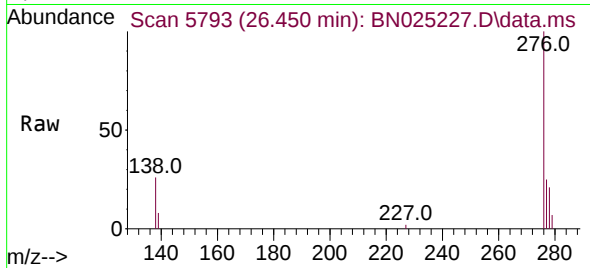
Tgt Ion:276 Resp: 161536
Ion Ratio Lower Upper
276 100
138 24.6 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.450 min Scan# 51
Delta R.T. -0.046 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11

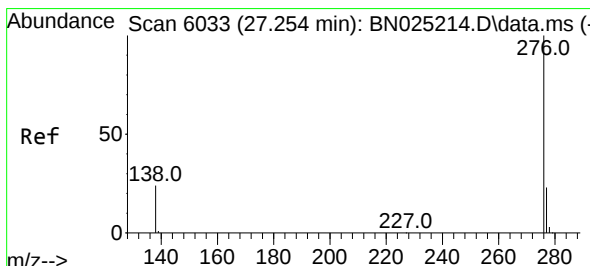
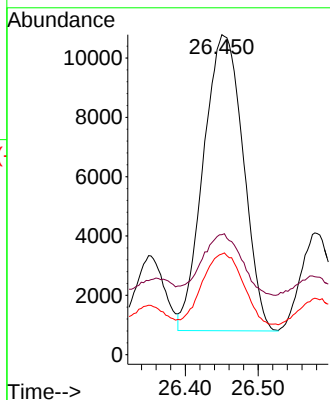
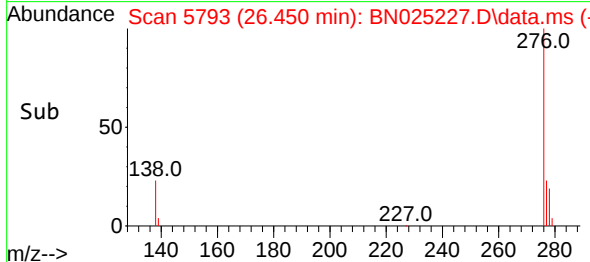
Instrument :
BNA_N
ClientSampleId :
EW929DL



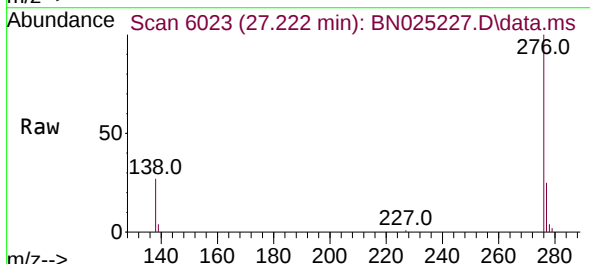
Tgt Ion:278 Resp: 37794
Ion Ratio Lower Upper
278 100
139 37.5 17.0 25.6
279 31.4 21.8 32.8

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



#29
Benzo(g,h,i)perylene
Concen: 1.814 ng/ul
RT: 27.222 min Scan# 6023
Delta R.T. -0.033 min
Lab File: BN025227.D
Acq: 02 May 2023 19:11



Tgt Ion:276 Resp: 195829
Ion Ratio Lower Upper
276 100
138 26.9 20.3 30.5
277 24.8 19.8 29.6

