

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025380.D
 Acq On : 10 May 2023 14:37
 Operator : CG/JU
 Sample : 02479-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW947

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023

Quant Time: May 11 01:11:28 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 : Wed May 10 12:11:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	8153	0.400	ng/ul	0.00
4) Naphthalene-d8	10.703	136	26257	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	17347	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	36187	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.490	240	23977	0.400	ng/ul	# 0.00
23) Perylene-d12	23.919	264	22232	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	15419	1.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.298	152	4880	0.145	ng/ul	0.00
18) Fluoranthene-d10	19.325	212	12653	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.752	128	175958	2.615	ng/ul	100
7) 2-Methylnaphthalene	12.369	142	255528	6.201	ng/ul	99
8) 1-Methylnaphthalene	12.589	142	118937	2.708	ng/ul	100
10) Acenaphthylene	14.264	152	49003	0.758	ng/ul#	92
11) Acenaphthene	14.607	153	31234	0.573	ng/ul	100
12) Fluorene	15.592	166	34181	0.561	ng/ul#	95
15) Phenanthrene	17.334	178	837678	8.201	ng/ul	100
16) Anthracene	17.427	178	174798	2.092	ng/ul	100
19) Fluoranthene	19.353	202	1661088	19.158	ng/ul	98
20) Pyrene	19.720	202	1511665	16.969	ng/ul	99
21) Benzo(a)anthracene	21.473	228	677008	9.370	ng/ul	97
22) Chrysene	21.525	228	682752	8.662	ng/ul	98
24) Benzo(b)fluoranthene	23.180	252	872849m	9.677	ng/ul	
25) Benzo(k)fluoranthene	23.223	252	295045m	3.401	ng/ul	
26) Benzo(a)pyrene	23.811	252	601611	8.061	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.446	276	439151	5.107	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.446	278	116082	1.728	ng/ul#	88
29) Benzo(g,h,i)perylene	27.231	276	467274	6.391	ng/ul	99

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

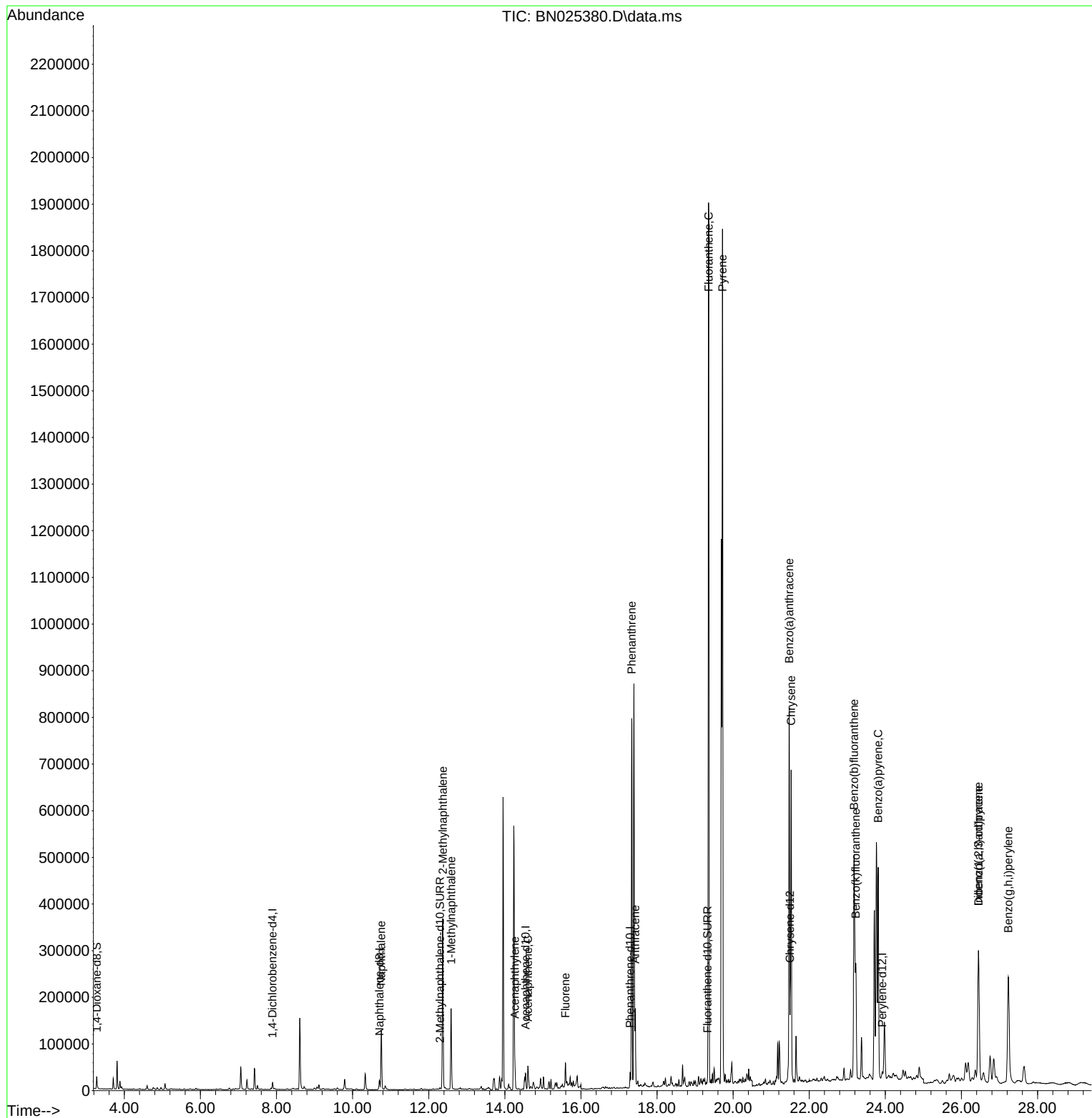
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025380.D
Acq On : 10 May 2023 14:37
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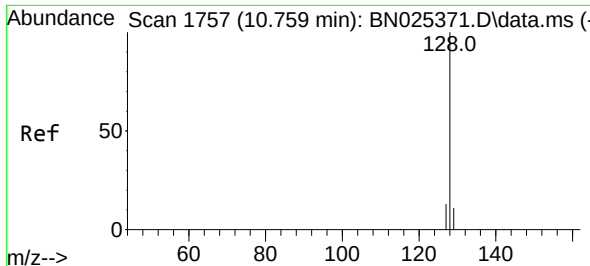
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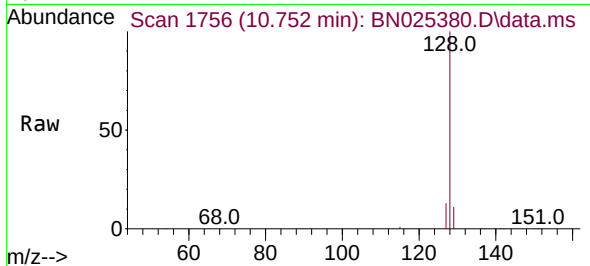
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023





#5
Naphthalene
Concen: 2.615 ng/ul
RT: 10.752 min Scan# 1756
Delta R.T. -0.007 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

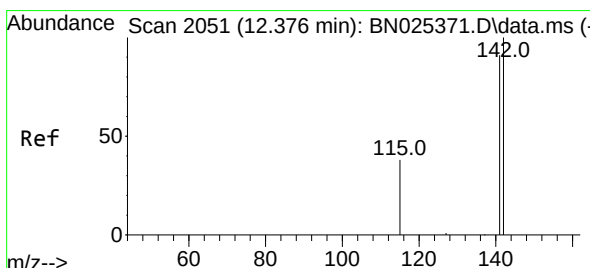
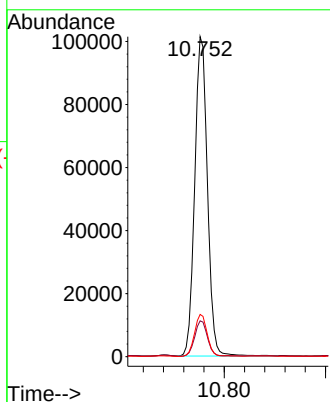
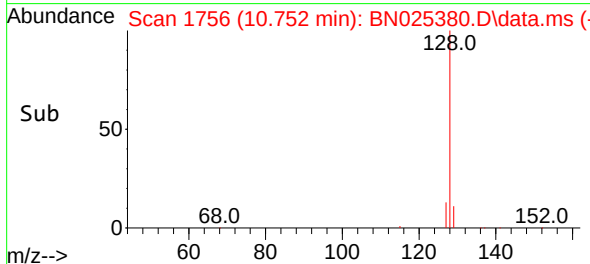
Instrument :
BNA_N
ClientSampleId :
EW947



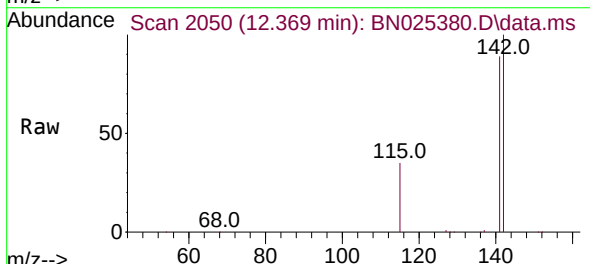
Tgt Ion:128 Resp: 175958
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.7 16.1

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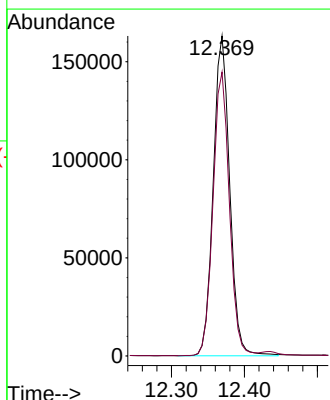
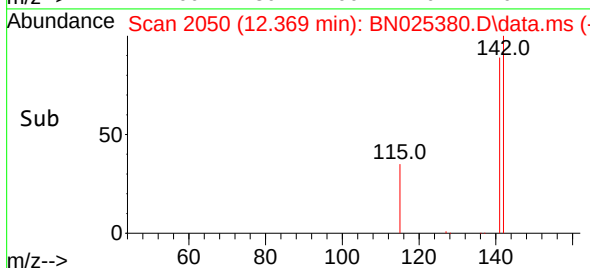
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

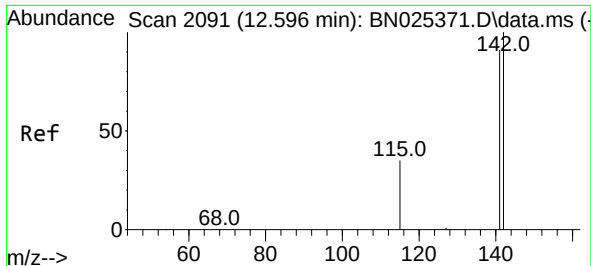


#7
2-Methylnaphthalene
Concen: 6.201 ng/ul
RT: 12.369 min Scan# 2050
Delta R.T. -0.007 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37



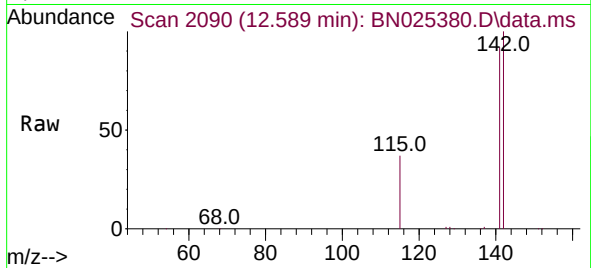
Tgt Ion:142 Resp: 255528
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0





#8
1-Methylnaphthalene
Concen: 2.708 ng/ul
RT: 12.589 min Scan# 2091
Delta R.T. -0.007 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

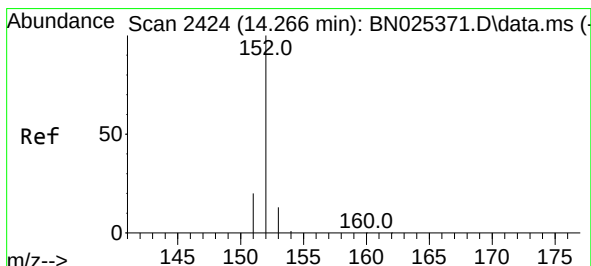
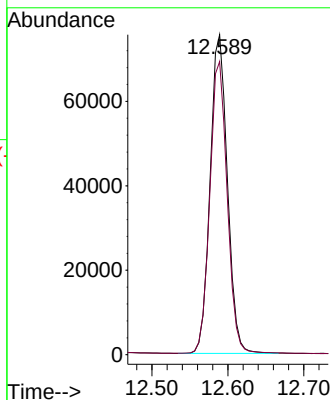
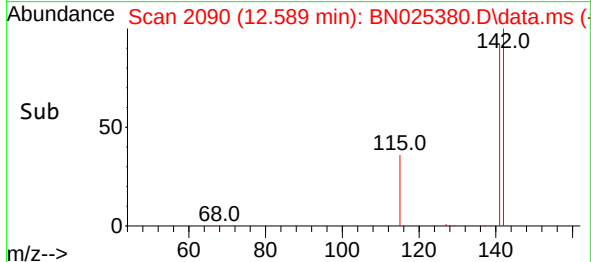
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 11893
Ion Ratio Lower Upper
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141 92.1 73.8 110.6

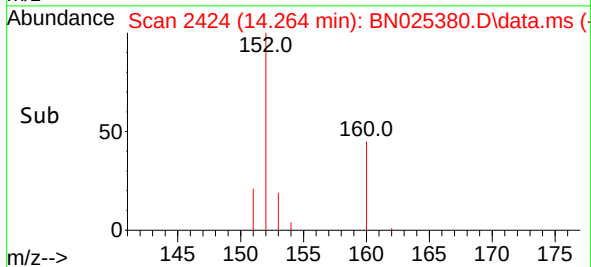
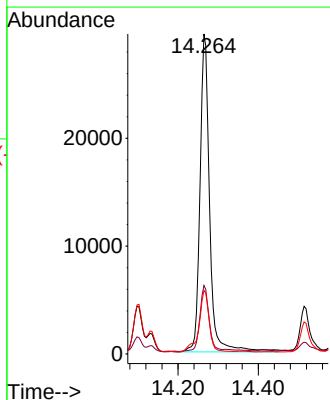
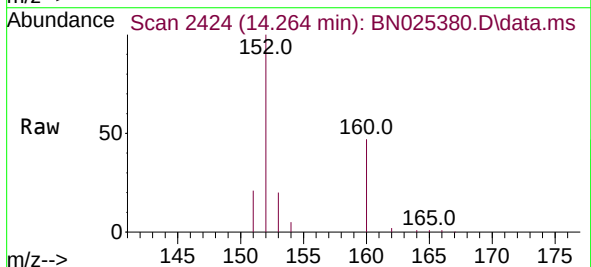
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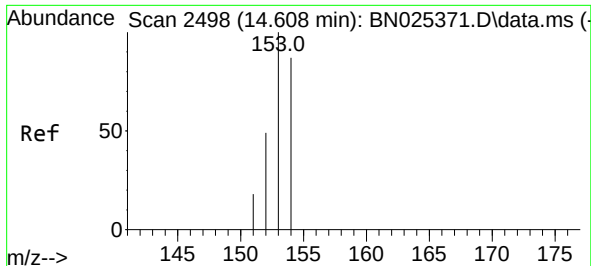
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#10
Acenaphthylene
Concen: 0.758 ng/ul
RT: 14.264 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

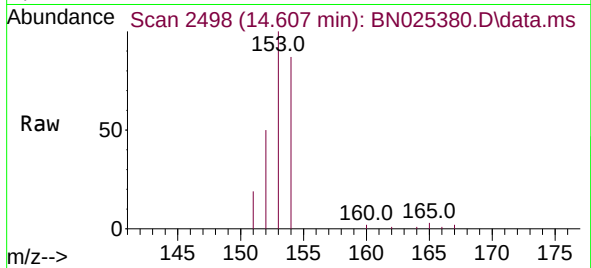
Tgt Ion:152 Resp: 49003
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 19.9 10.8 16.2#





#11
Acenaphthene
Concen: 0.573 ng/u1
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

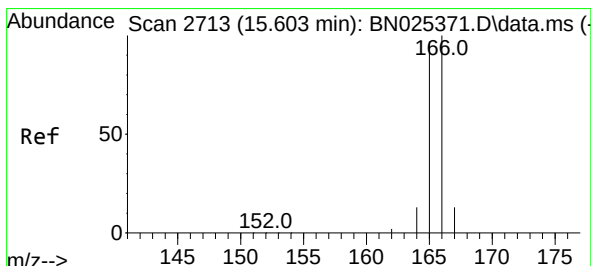
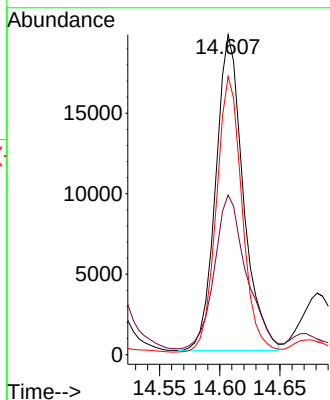
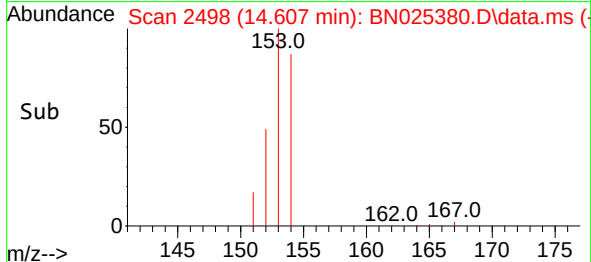
Instrument :
BNA_N
ClientSampleId :
EW947



Tgt Ion:153 Resp: 31234
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 86.9 69.4 104.2

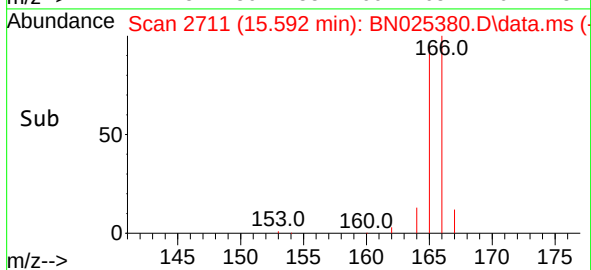
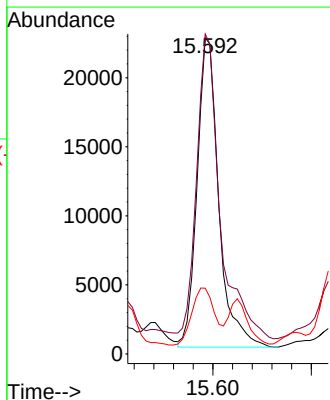
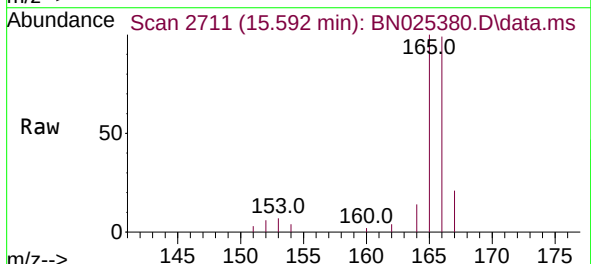
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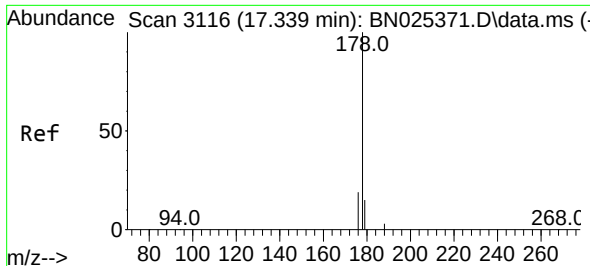
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#12
Fluorene
Concen: 0.561 ng/u1
RT: 15.592 min Scan# 2711
Delta R.T. -0.010 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

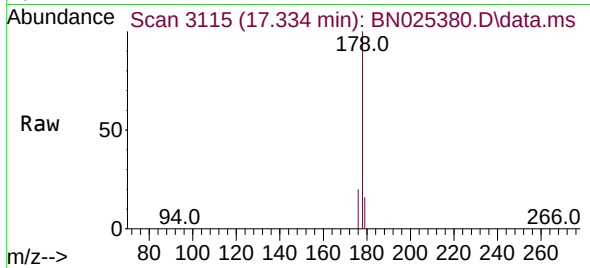
Tgt Ion:166 Resp: 34181
Ion Ratio Lower Upper
166 100
165 101.2 78.1 117.1
167 20.8 11.0 16.6#





#15
Phenanthrene
Concen: 8.201 ng/u1
RT: 17.334 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

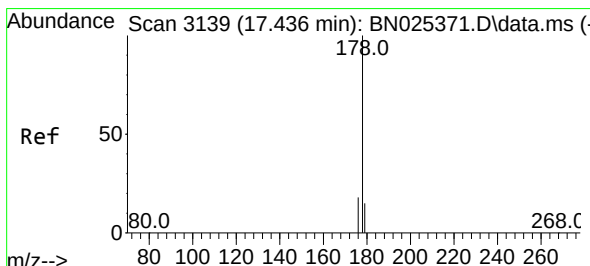
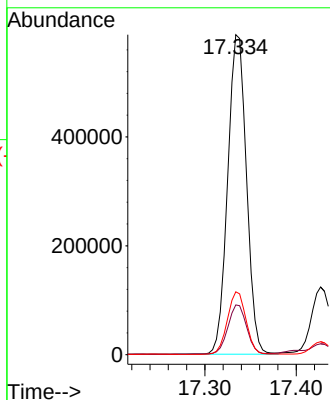
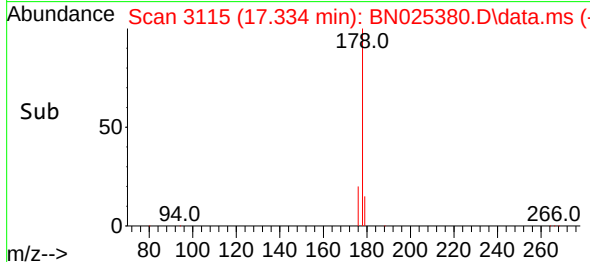
Instrument :
BNA_N
ClientSampleId :
EW947



Tgt Ion:178 Resp: 837678
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.7 15.6 23.4

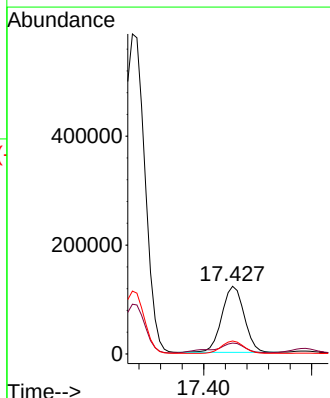
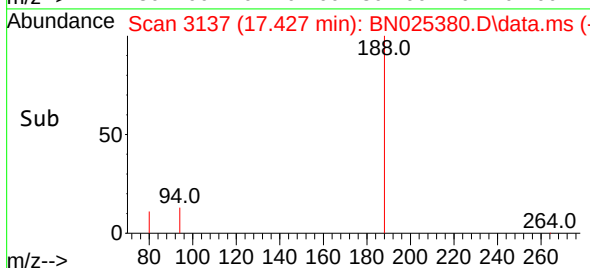
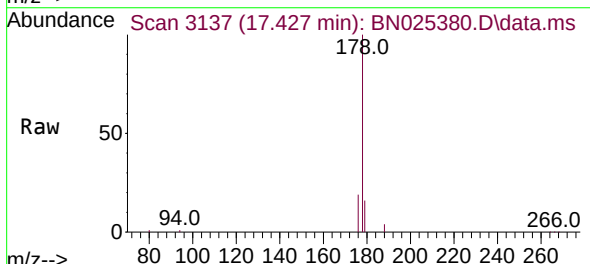
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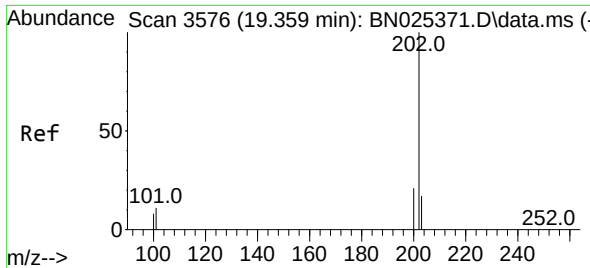
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#16
Anthracene
Concen: 2.092 ng/u1
RT: 17.427 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

Tgt Ion:178 Resp: 174798
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.1 15.3 22.9





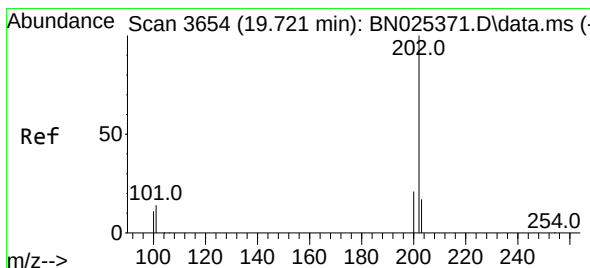
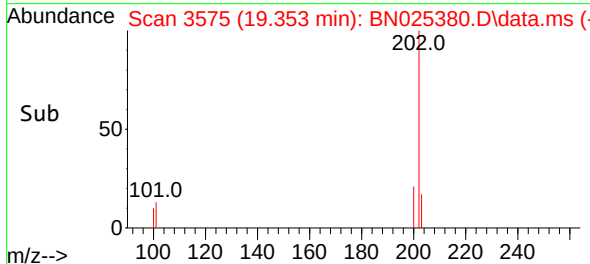
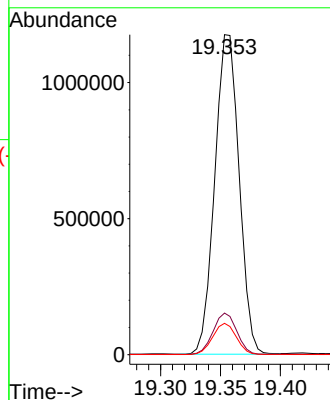
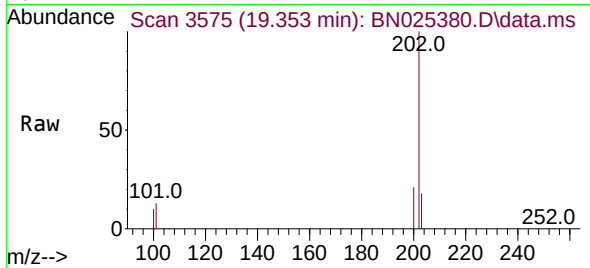
#19
Fluoranthene
Concen: 19.158 ng/u1
RT: 19.353 min Scan# 3575
Delta R.T. -0.006 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

Instrument :
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Tgt Ion:202 Resp: 1661088
Ion Ratio Lower Upper
202 100
101 13.0 9.7 14.5
100 9.8 7.3 10.9

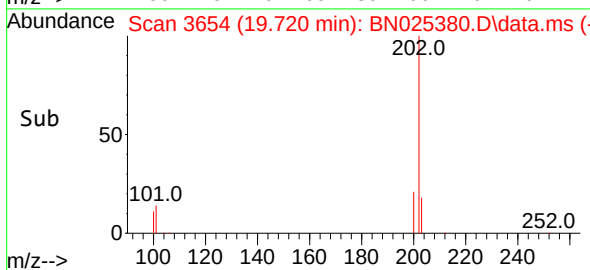
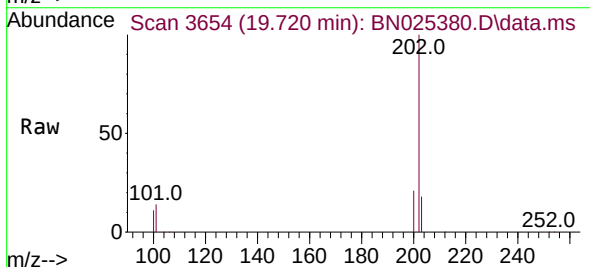
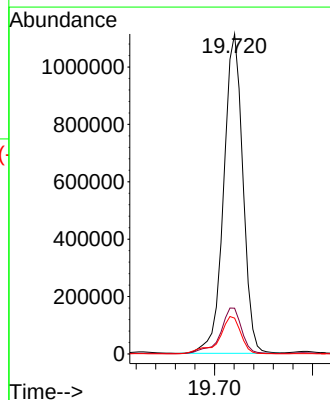
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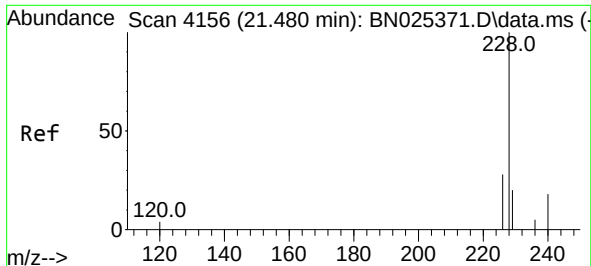
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#20
Pyrene
Concen: 16.969 ng/u1
RT: 19.720 min Scan# 3654
Delta R.T. -0.001 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

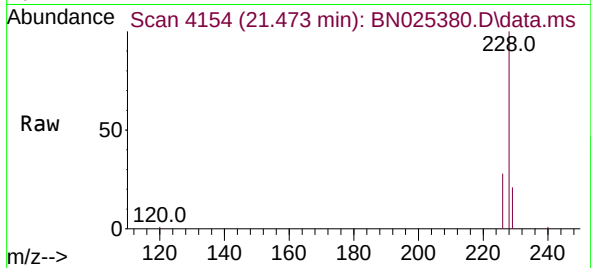
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Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.2 9.2 13.8





#21
Benzo(a)anthracene
Concen: 9.370 ng/u1
RT: 21.473 min Scan# 4156
Delta R.T. -0.007 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

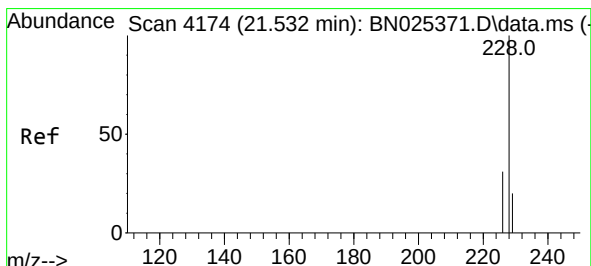
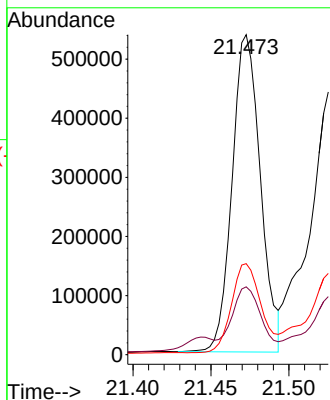
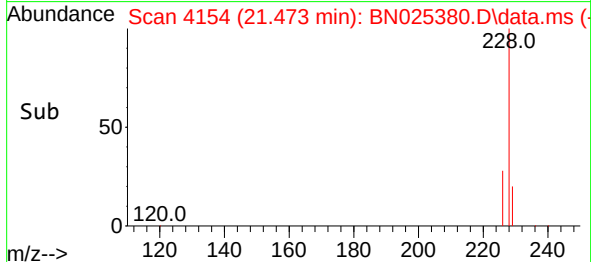
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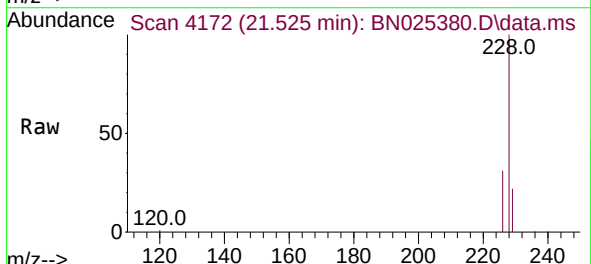
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Ion Ratio Lower Upper
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229 21.2 15.6 23.4
226 28.5 22.1 33.1

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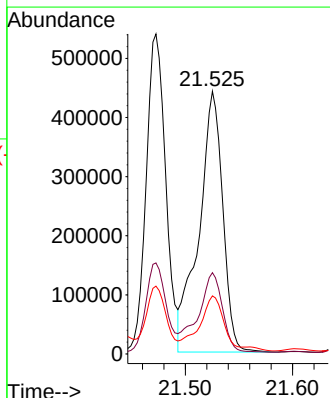
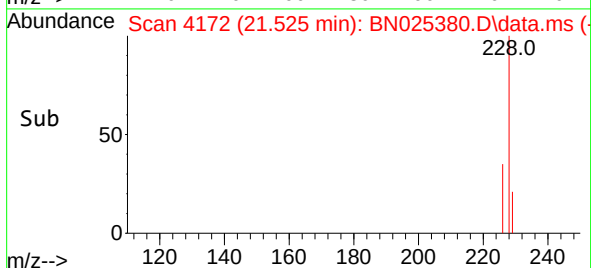
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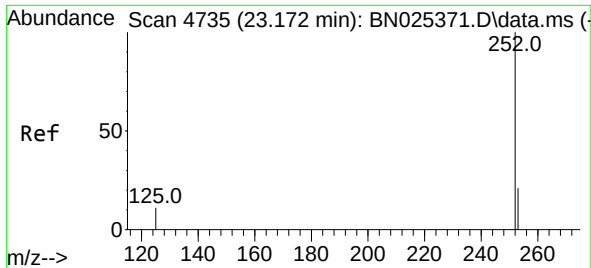


#22
Chrysene
Concen: 8.662 ng/u1
RT: 21.525 min Scan# 4172
Delta R.T. -0.007 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37



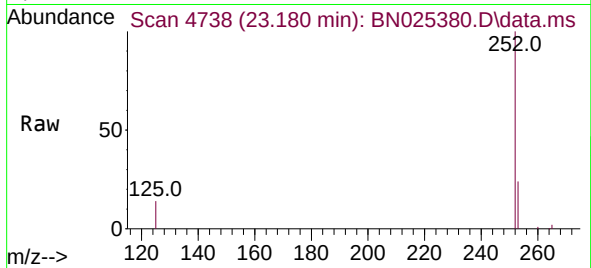
Tgt Ion:228 Resp: 682752
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 9.677 ng/ul m
RT: 23.180 min Scan# 4738
Delta R.T. 0.008 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

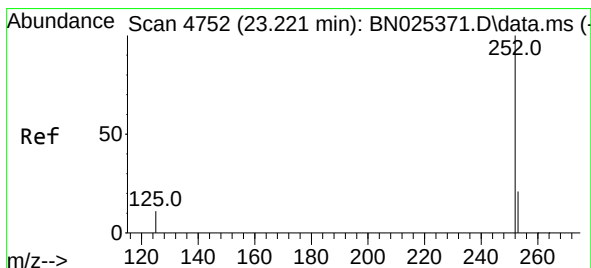
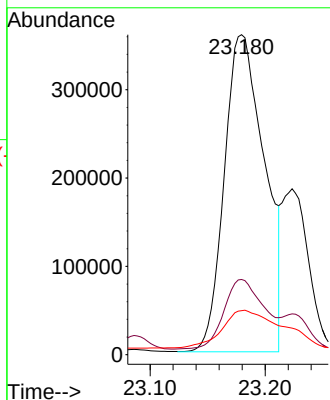
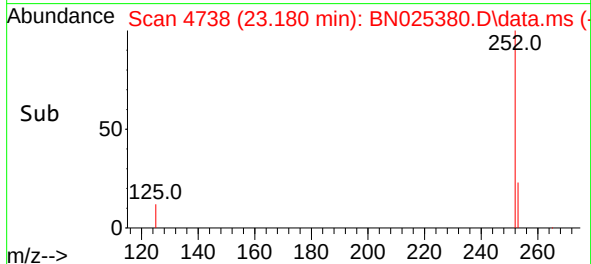
Instrument :
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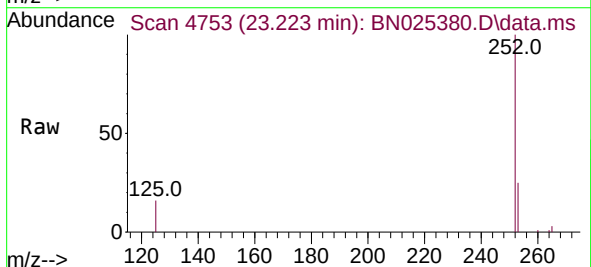
Tgt Ion:252 Resp: 872849
Ion Ratio Lower Upper
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253 23.5 0.0 50.2
125 13.8 0.0 30.4

Manual Integrations
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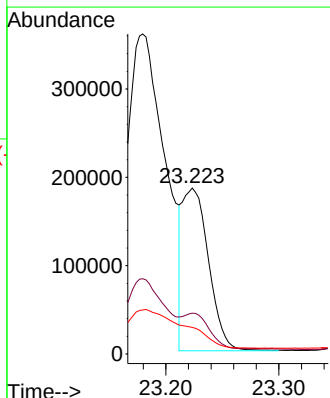
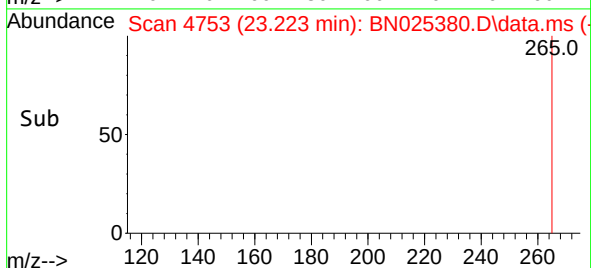
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

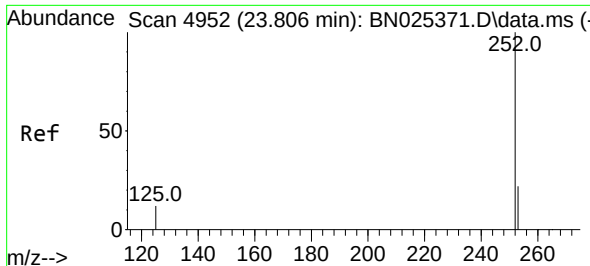


#25
Benzo(k)fluoranthene
Concen: 3.401 ng/ul m
RT: 23.223 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37



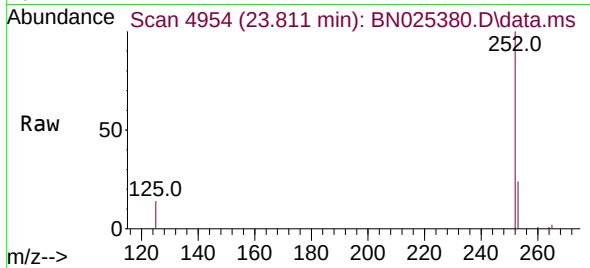
Tgt Ion:252 Resp: 295045
Ion Ratio Lower Upper
252 100
253 24.6 20.2 30.4
125 16.0 11.8 17.8





#26
Benzo(a)pyrene
Concen: 8.061 ng/ul
RT: 23.811 min Scan# 4952
Delta R.T. 0.005 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

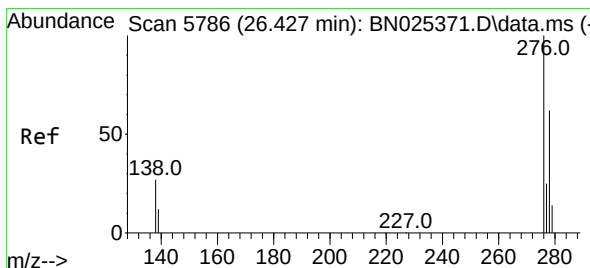
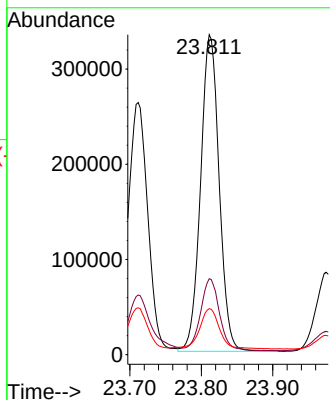
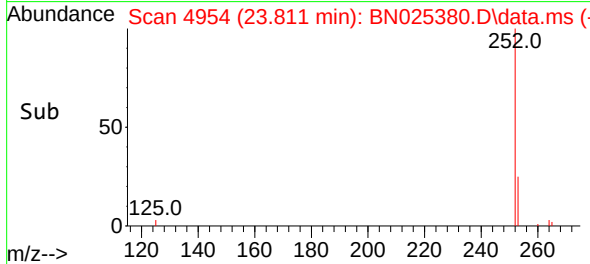
Instrument :
BNA_N
ClientSampleId :
EW947



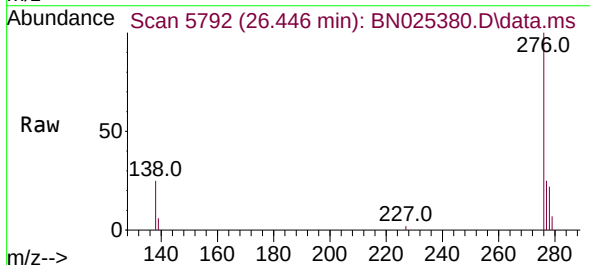
Tgt Ion:252 Resp: 601611
Ion Ratio Lower Upper
252 100
253 23.7 21.4 32.2
125 14.4 14.6 22.0

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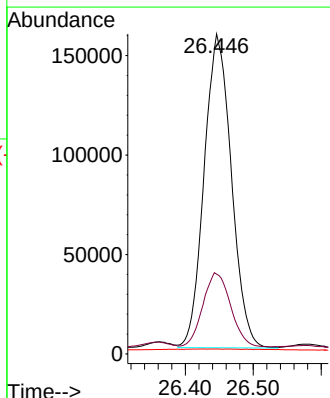
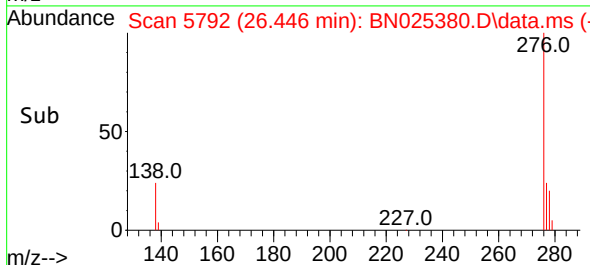
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

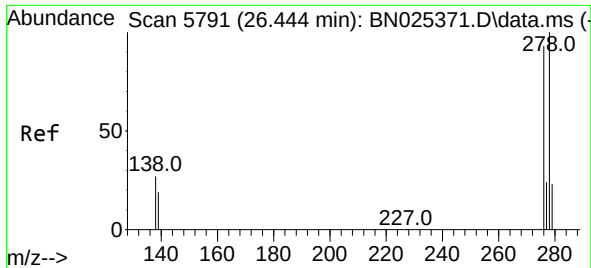


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.107 ng/ul
RT: 26.446 min Scan# 5792
Delta R.T. 0.019 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37



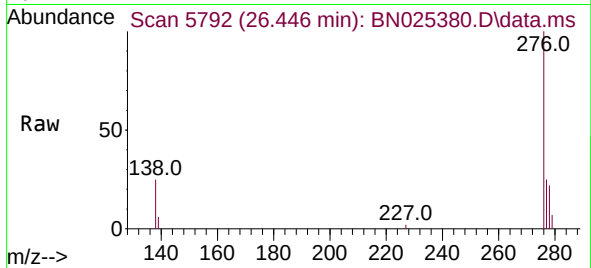
Tgt Ion:276 Resp: 439151
Ion Ratio Lower Upper
276 100
138 25.9 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.728 ng/ul
RT: 26.446 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

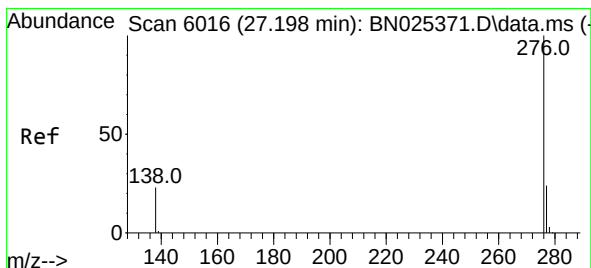
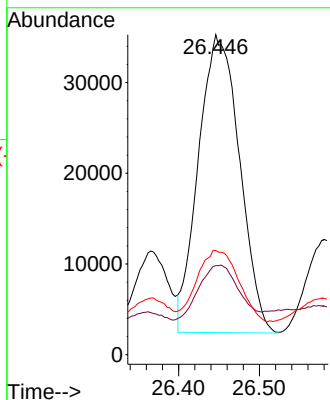
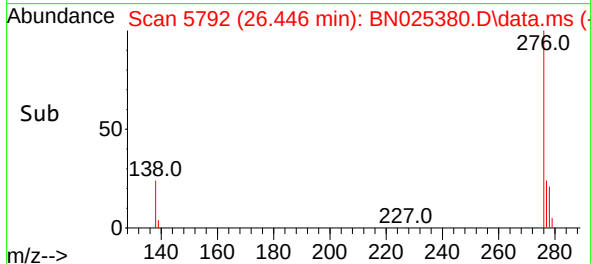
Instrument :
BNA_N
ClientSampleId :
EW947



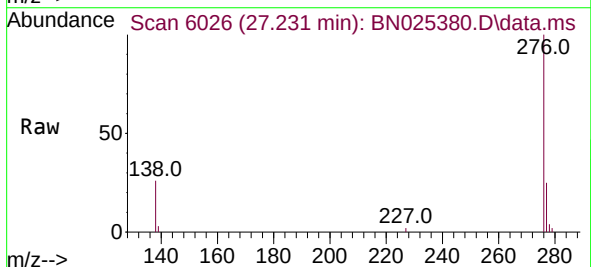
Tgt Ion:278 Resp: 116082
Ion Ratio Lower Upper
278 100
139 27.8 17.0 25.6
279 32.6 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#29
Benzo(g,h,i)perylene
Concen: 6.391 ng/ul
RT: 27.231 min Scan# 6026
Delta R.T. 0.032 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37



Tgt Ion:276 Resp: 467274
Ion Ratio Lower Upper
276 100
138 26.1 20.3 30.5
277 24.9 19.8 29.6

