

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025377.D
 Acq On : 10 May 2023 12:45
 Operator : CG/JU
 Sample : 02479-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW973

Manual Integrations
 APPROVED

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

Quant Time: May 11 01:11:05 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	7.900	152	9325	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	30154	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.542	164	19406	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	45586	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.491	240	30661	0.400	ng/ul	# 0.00
23) Perylene-d12	23.920	264	29740	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	23359	2.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	7151	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	17821	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	13450	0.174	ng/ul	97
7) 2-Methylnaphthalene	12.371	142	10734	0.227	ng/ul	97
8) 1-Methylnaphthalene	12.591	142	7915	0.157	ng/ul	99
10) Acenaphthylene	14.265	152	28814	0.399	ng/ul#	94
11) Acenaphthene	14.607	153	8092	0.133	ng/ul	100
12) Fluorene	15.593	166	11814	0.173	ng/ul#	95
15) Phenanthrene	17.334	178	261602	2.033	ng/ul	100
16) Anthracene	17.427	178	74877	0.711	ng/ul	99
19) Fluoranthene	19.354	202	662366	5.974	ng/ul	100
20) Pyrene	19.721	202	631256	5.541	ng/ul	99
21) Benzo(a)anthracene	21.476	228	405820	4.392	ng/ul	98
22) Chrysene	21.526	228	410823	4.076	ng/ul	97
24) Benzo(b)fluoranthene	23.180	252	540209m	4.477	ng/ul	
25) Benzo(k)fluoranthene	23.221	252	200305m	1.726	ng/ul	
26) Benzo(a)pyrene	23.818	252	364920	3.655	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.450	276	262845	2.285	ng/ul	94
28) Dibenzo(a,h)anthracene	26.464	278	67588	0.752	ng/ul#	88
29) Benzo(g,h,i)perylene	27.235	276	280646	2.869	ng/ul	99

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

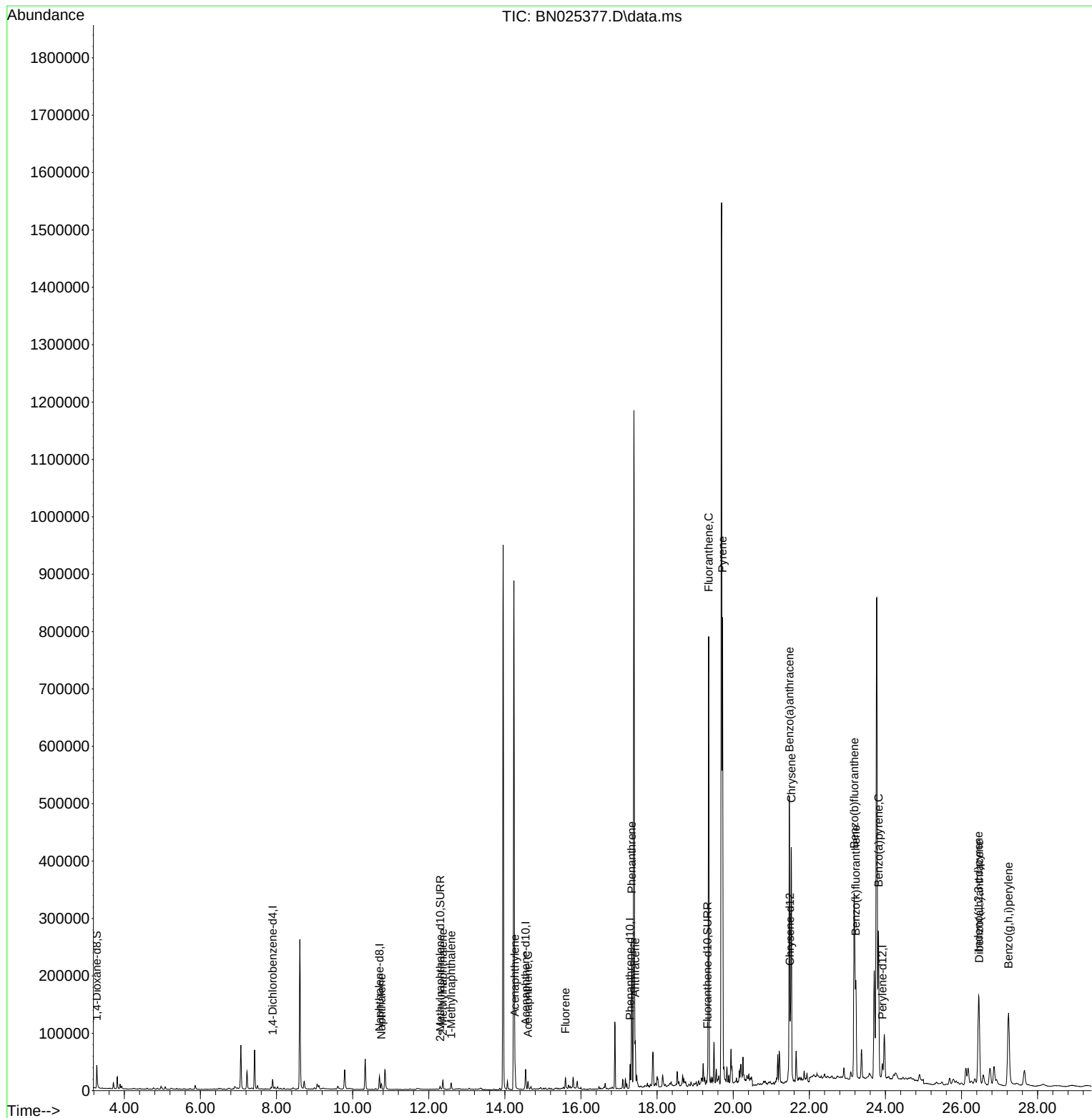
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025377.D
Acq On : 10 May 2023 12:45
Operator : CG/JU
Sample : 02479-14
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ALS Vial : 8 Sample Multiplier: 1

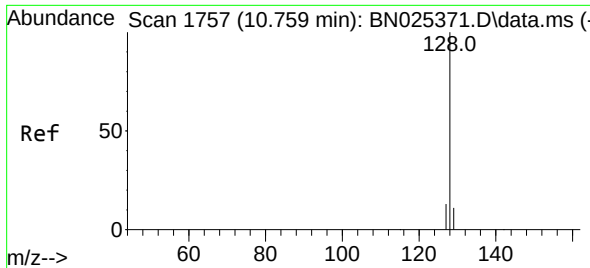
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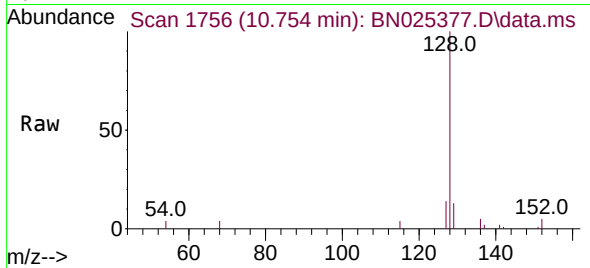
Quant Time: May 11 01:11:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 12:11:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.174 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

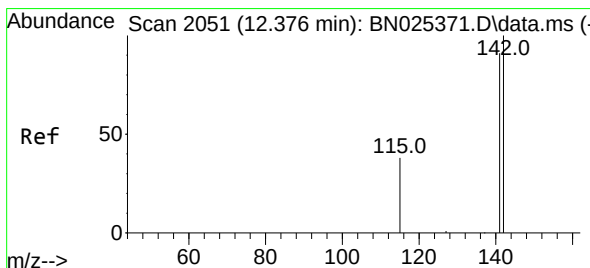
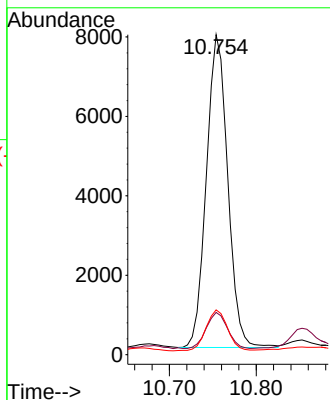
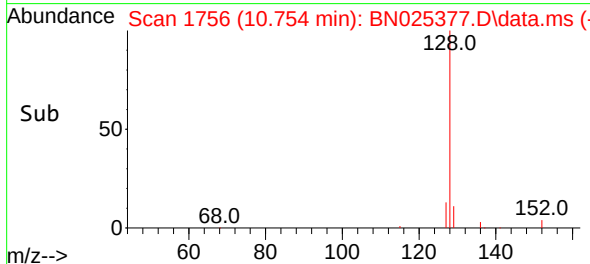
Instrument :
BNA_N
ClientSampleId :
EW973



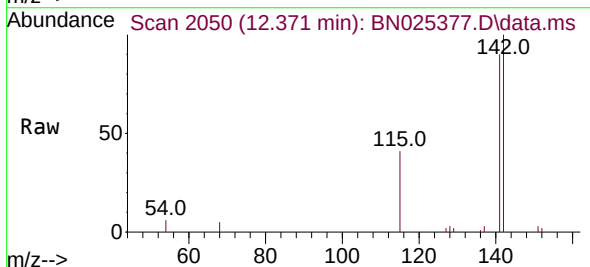
Tgt Ion:128 Resp: 13450
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.6
127 14.0 10.7 16.1

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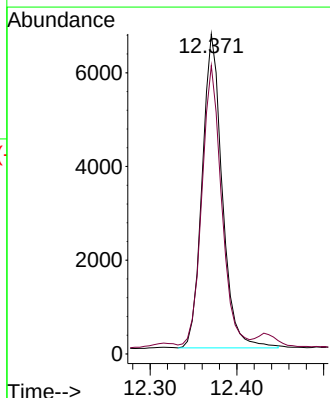
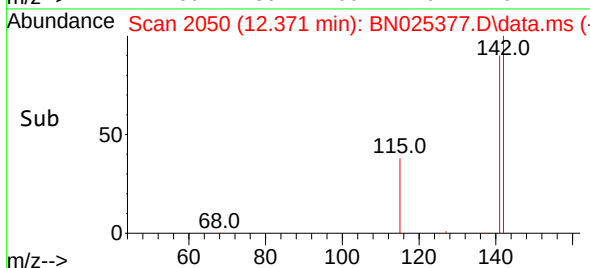
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

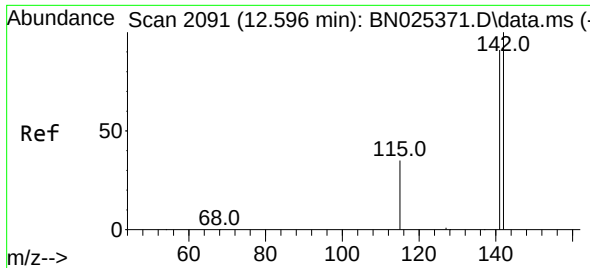


#7
2-Methylnaphthalene
Concen: 0.227 ng/ul
RT: 12.371 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45



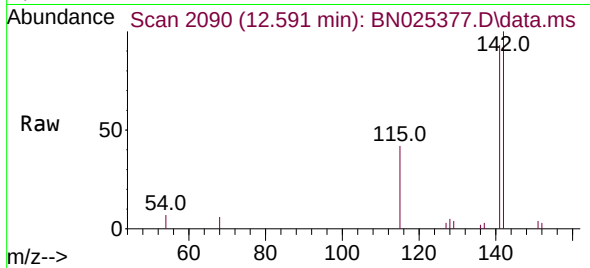
Tgt Ion:142 Resp: 10734
Ion Ratio Lower Upper
142 100
141 86.6 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.591 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

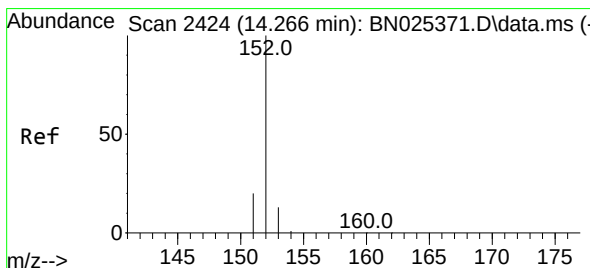
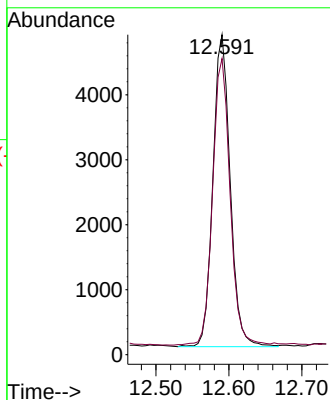
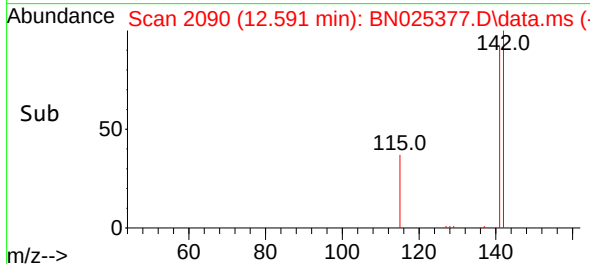
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Tgt Ion:142 Resp: 7915
Ion Ratio Lower Upper
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141 92.8 73.8 110.6

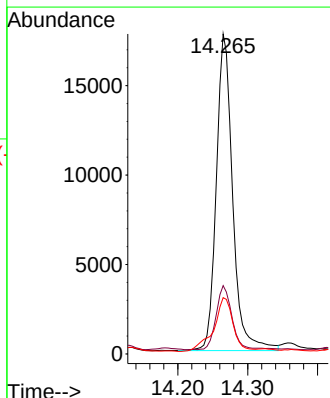
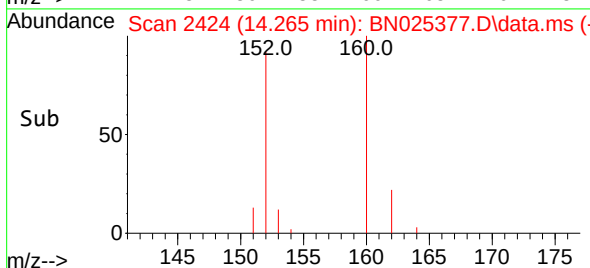
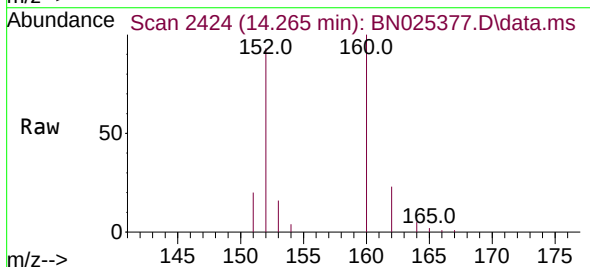
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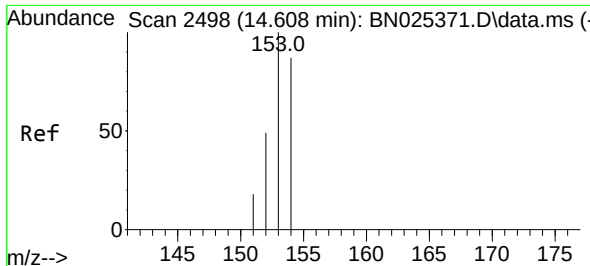
Reviewed By :Christian Giraldo 05/11/2023
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#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

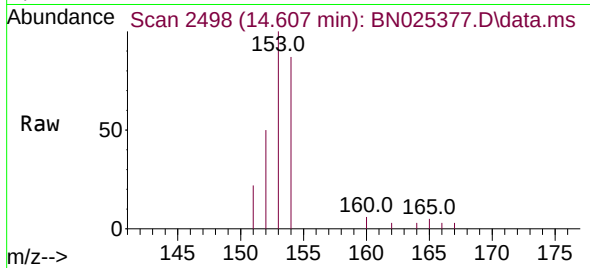
Tgt Ion:152 Resp: 28814
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 17.6 10.8 16.2#





#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

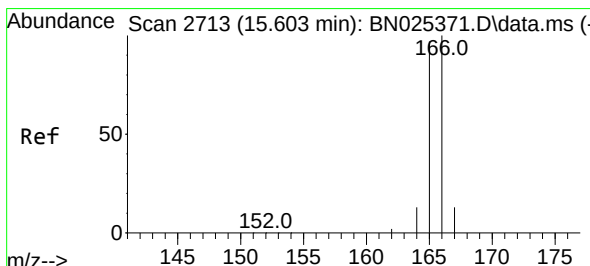
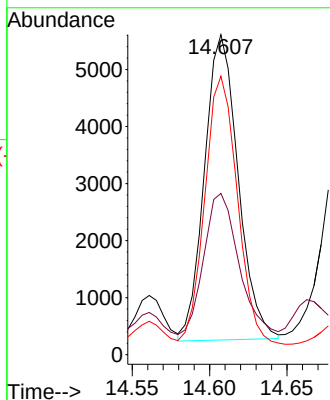
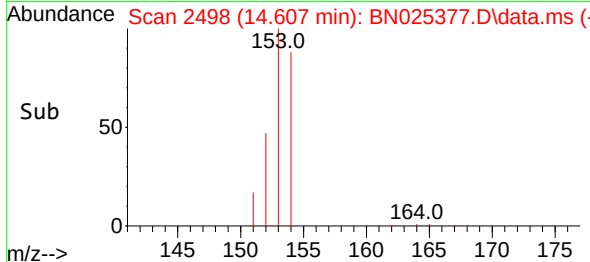
Instrument :
BNA_N
ClientSampleId :
EW973



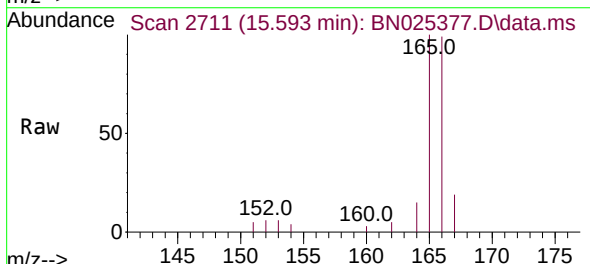
Tgt Ion:153 Resp: 8092
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 87.0 69.4 104.2

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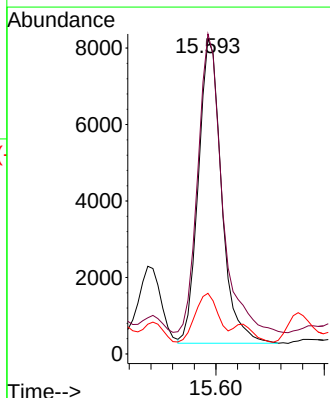
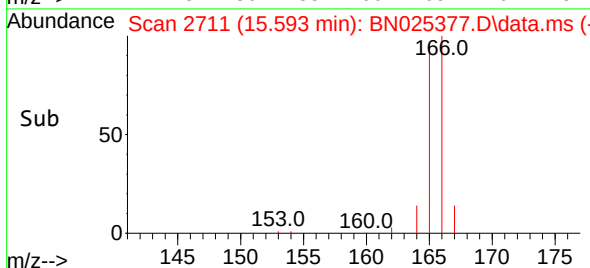
Reviewed By :Christian Giraldo 05/11/2023
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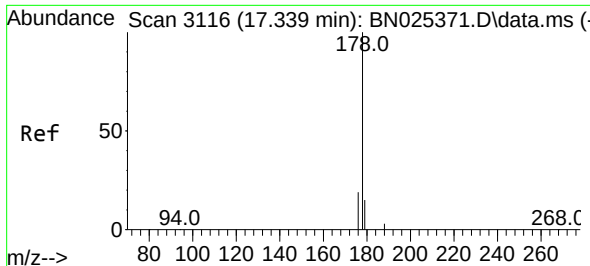


#12
Fluorene
Concen: 0.173 ng/ul
RT: 15.593 min Scan# 2711
Delta R.T. -0.010 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45



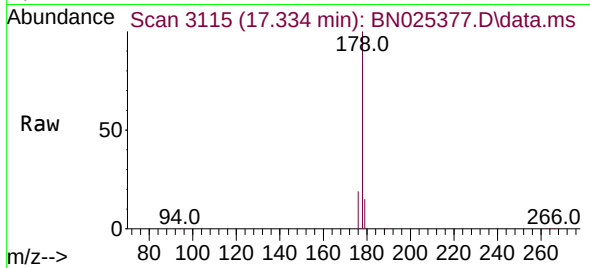
Tgt Ion:166 Resp: 11814
Ion Ratio Lower Upper
166 100
165 101.5 78.1 117.1
167 19.3 11.0 16.6#





#15
Phenanthrene
Concen: 2.033 ng/ul
RT: 17.334 min Scan# 3115
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

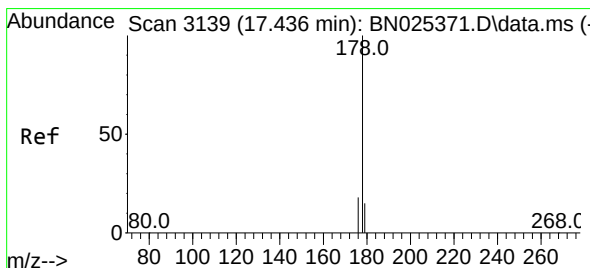
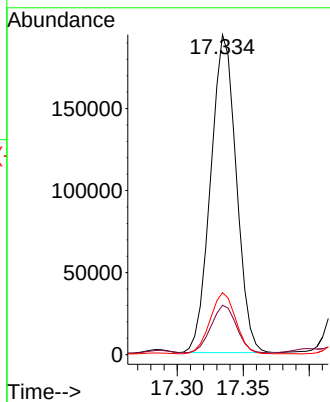
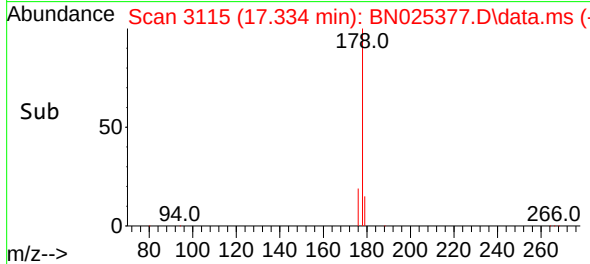
Instrument :
BNA_N
ClientSampleId :
EW973



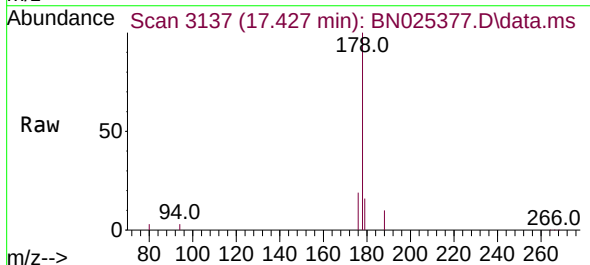
Tgt Ion:178 Resp: 261602
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.4 15.6 23.4

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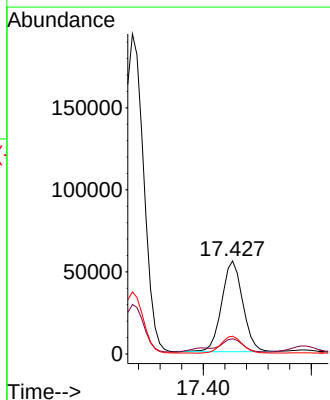
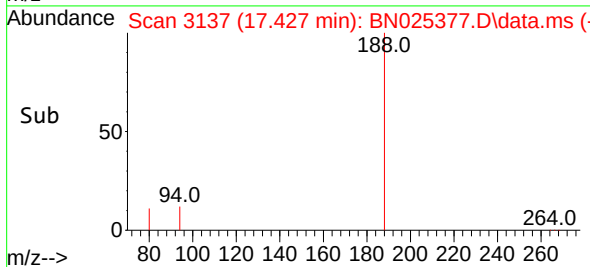
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

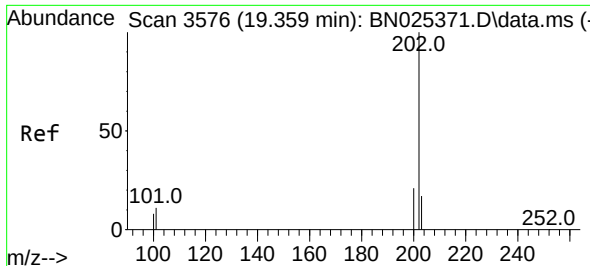


#16
Anthracene
Concen: 0.711 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45



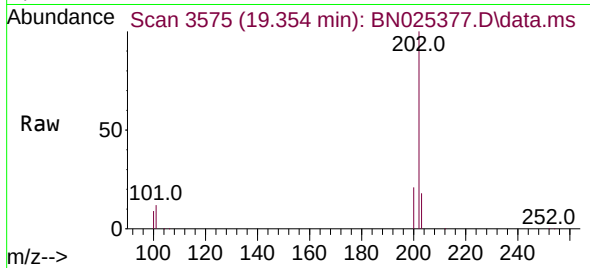
Tgt Ion:178 Resp: 74877
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 19.1 15.3 22.9





#19
Fluoranthene
Concen: 5.974 ng/u1
RT: 19.354 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

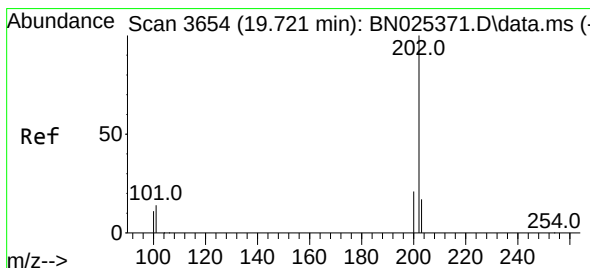
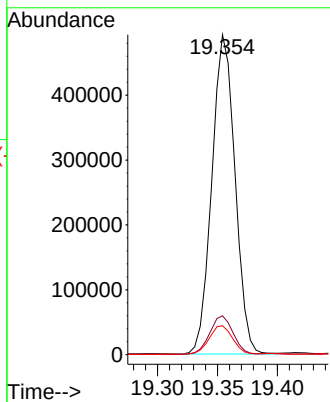
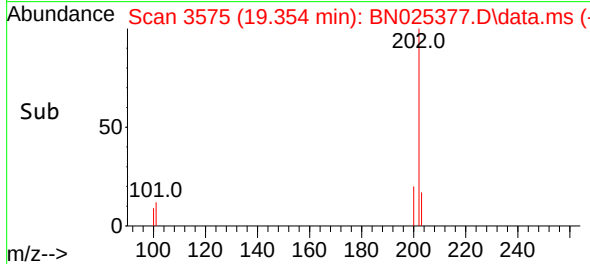
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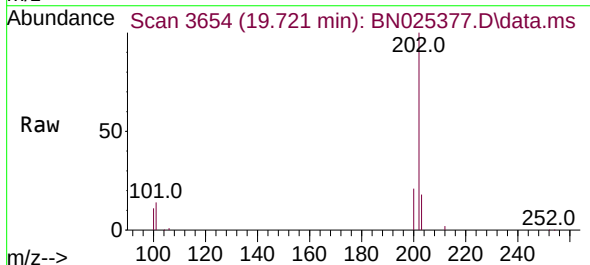
Tgt Ion:202 Resp: 662360
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.0 7.3 10.9

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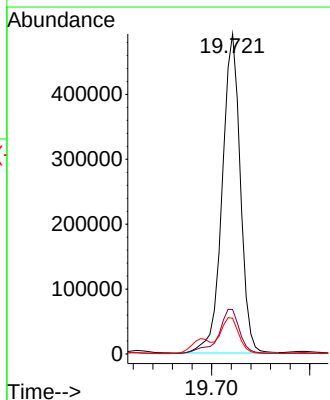
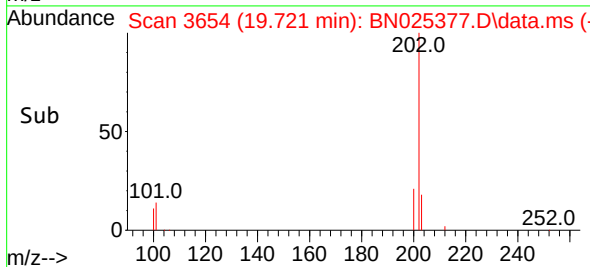
Reviewed By :Christian Giraldo 05/11/2023
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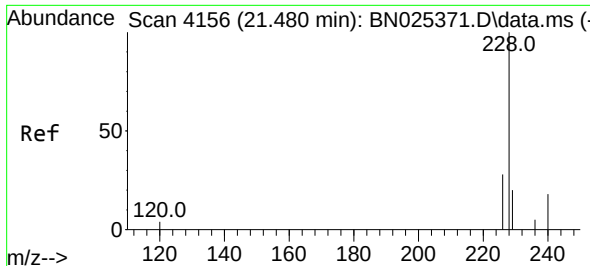


#20
Pyrene
Concen: 5.541 ng/u1
RT: 19.721 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45



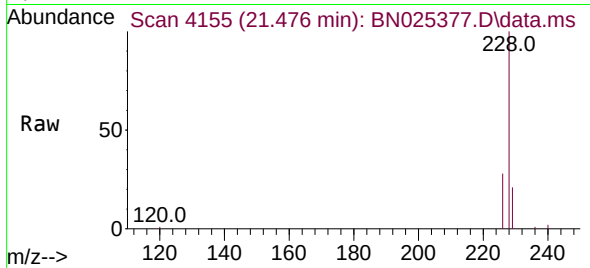
Tgt Ion:202 Resp: 631256
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.2 9.2 13.8





#21
Benzo(a)anthracene
Concen: 4.392 ng/u1
RT: 21.476 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

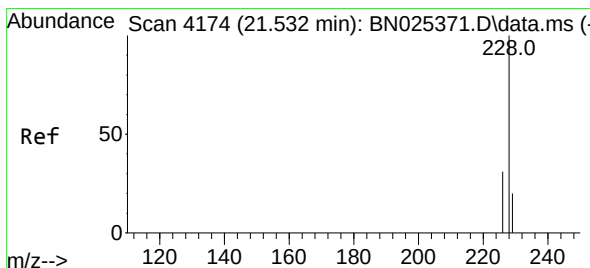
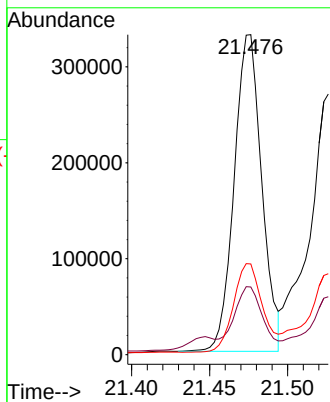
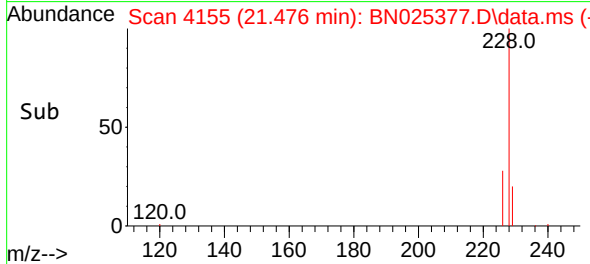
Instrument :
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Tgt Ion:228 Resp: 405820
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.4 22.1 33.1

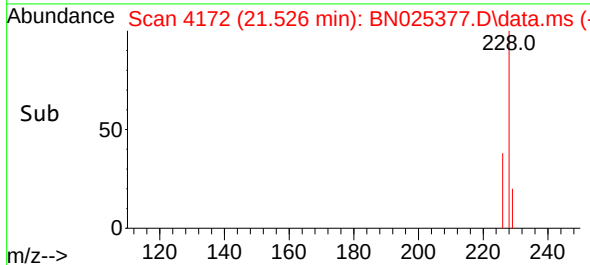
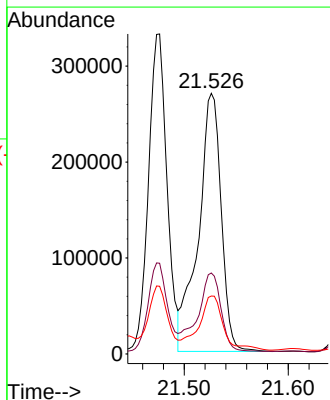
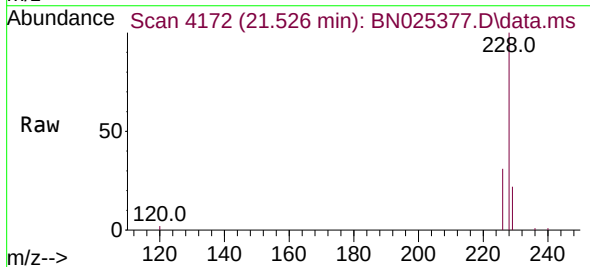
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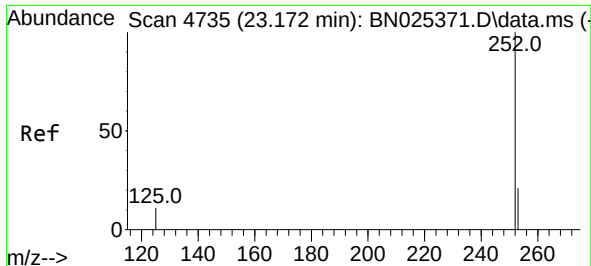
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#22
Chrysene
Concen: 4.076 ng/u1
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

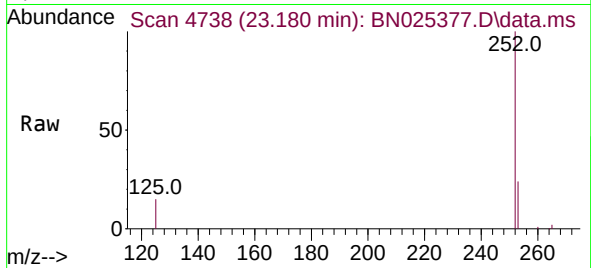
Tgt Ion:228 Resp: 410823
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.477 ng/ul m
RT: 23.180 min Scan# 4738
Delta R.T. 0.009 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

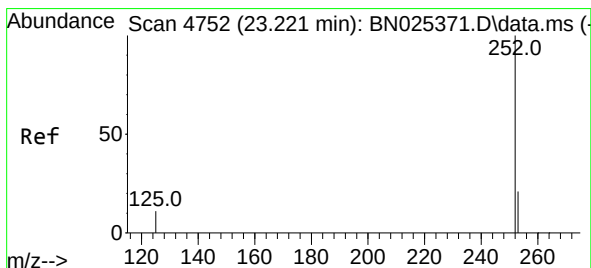
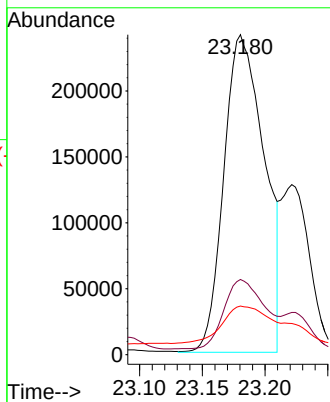
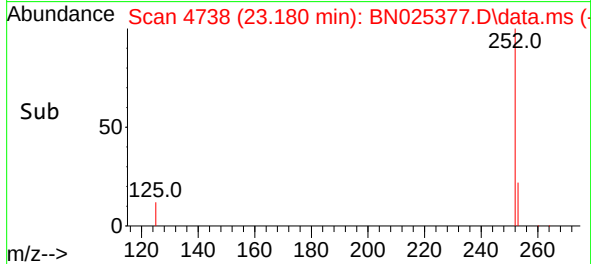
Instrument :
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Tgt Ion:252 Resp: 540209
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.2
125 15.2 0.0 30.4

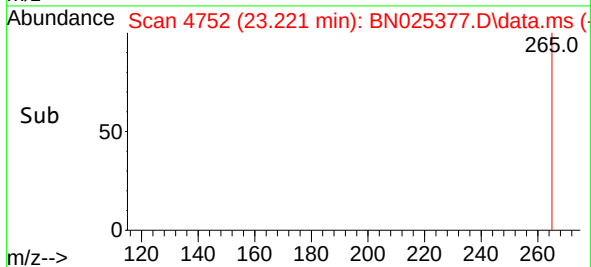
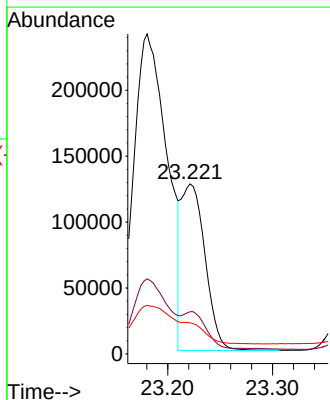
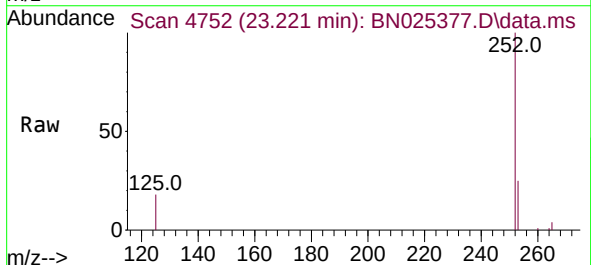
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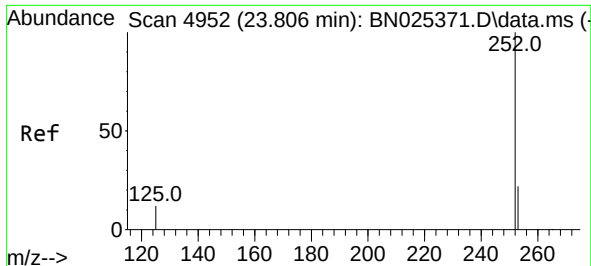
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Benzo(k)fluoranthene
Concen: 1.726 ng/ul m
RT: 23.221 min Scan# 4752
Delta R.T. -0.000 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

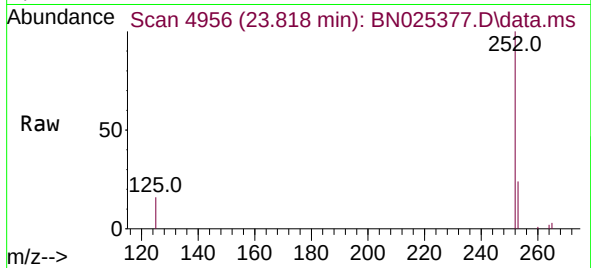
Tgt Ion:252 Resp: 200305
Ion Ratio Lower Upper
252 100
253 24.8 20.2 30.4
125 18.4 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 3.655 ng/ul
RT: 23.818 min Scan# 4956
Delta R.T. 0.012 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

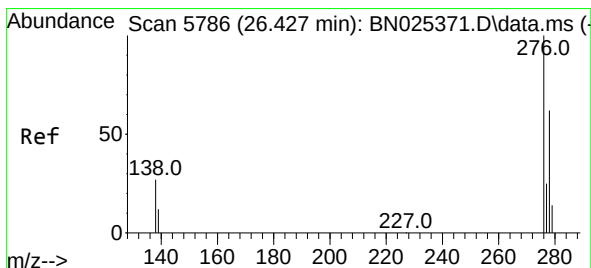
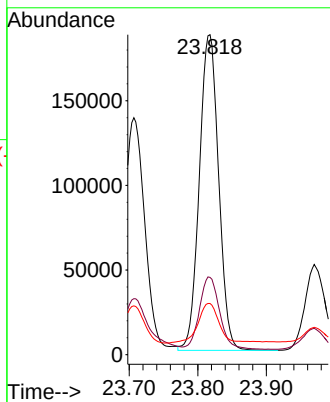
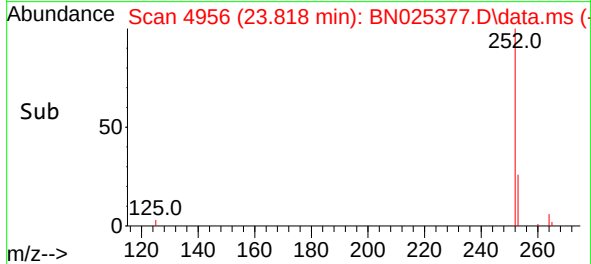
Instrument :
BNA_N
ClientSampleId :
EW973



Tgt Ion:252 Resp: 364920
Ion Ratio Lower Upper
252 100
253 24.2 21.4 32.2
125 16.0 14.6 22.0

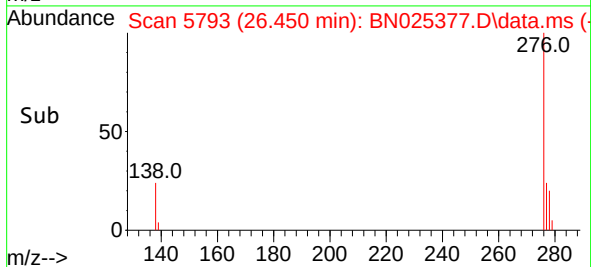
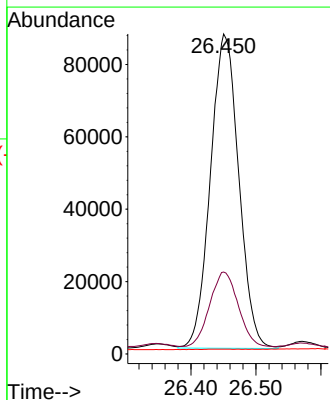
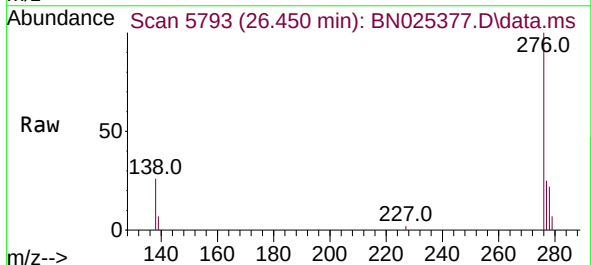
Manual Integrations
APPROVED

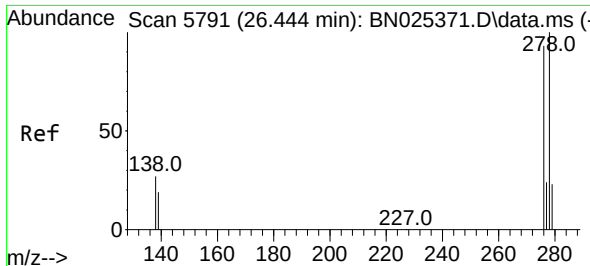
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.285 ng/ul
RT: 26.450 min Scan# 5793
Delta R.T. 0.023 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

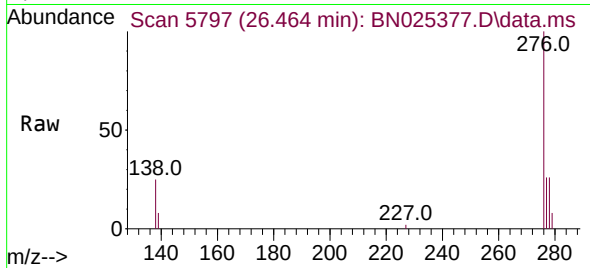
Tgt Ion:276 Resp: 262845
Ion Ratio Lower Upper
276 100
138 24.1 21.9 32.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.752 ng/ul
RT: 26.464 min Scan# 51
Delta R.T. 0.020 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45

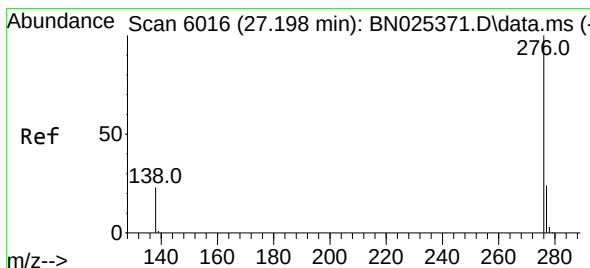
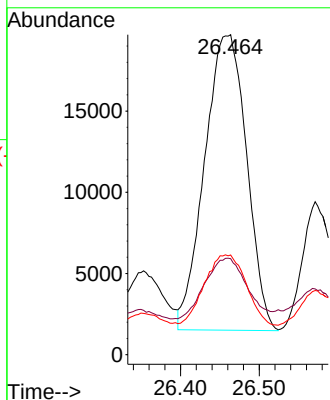
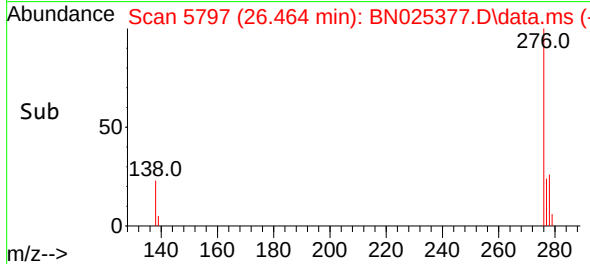
Instrument :
BNA_N
ClientSampleId :
EW973



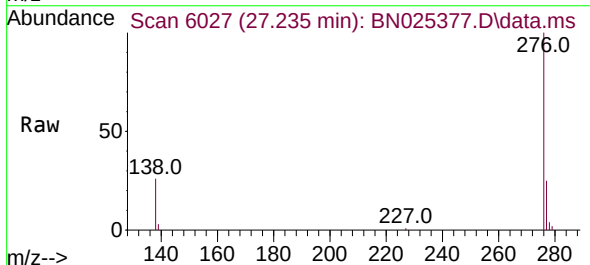
Tgt Ion:278 Resp: 6758
Ion Ratio Lower Upper
278 100
139 30.0 17.0 25.6
279 31.1 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.869 ng/ul
RT: 27.235 min Scan# 6027
Delta R.T. 0.037 min
Lab File: BN025377.D
Acq: 10 May 2023 12:45



Tgt Ion:276 Resp: 280646
Ion Ratio Lower Upper
276 100
138 26.3 20.3 30.5
277 25.0 19.8 29.6

