

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025242.D
 Acq On : 03 May 2023 16:43
 Operator : CG/JU
 Sample : 02447-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW907

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 04 04:29:57 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 03 15:28:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	28601	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	18874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	37933	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.514	240	28718	0.400	ng/ul	# 0.00
23) Perylene-d12	23.964	264	25835	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	20450	2.294	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6745	0.184	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	16476	0.218	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	11627	0.159	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	5590	0.125	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	4348	0.091	ng/ul	99
10) Acenaphthylene	14.283	152	20699	0.294	ng/ul#	89
11) Acenaphthene	14.626	153	9289	0.157	ng/ul	97
12) Fluorene	15.611	166	15309	0.231	ng/ul#	82
15) Phenanthrene	17.355	178	328139	3.065	ng/ul	96
16) Anthracene	17.448	178	77268	0.882	ng/ul#	81
19) Fluoranthene	19.377	202	782551	7.535	ng/ul	98
20) Pyrene	19.740	202	646063	6.055	ng/ul	97
21) Benzo(a)anthracene	21.497	228	324650	3.752	ng/ul#	93
22) Chrysene	21.552	228	332147	3.518	ng/ul#	93
24) Benzo(b)fluoranthene	23.218	252	401347m	3.829	ng/ul	
25) Benzo(k)fluoranthene	23.259	252	137618m	1.365	ng/ul	
26) Benzo(a)pyrene	23.858	252	254999	2.940	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.514	276	166957	1.671	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.520	278	40074	0.513	ng/ul#	58
29) Benzo(g,h,i)perylene	27.305	276	166779	1.963	ng/ul#	93

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

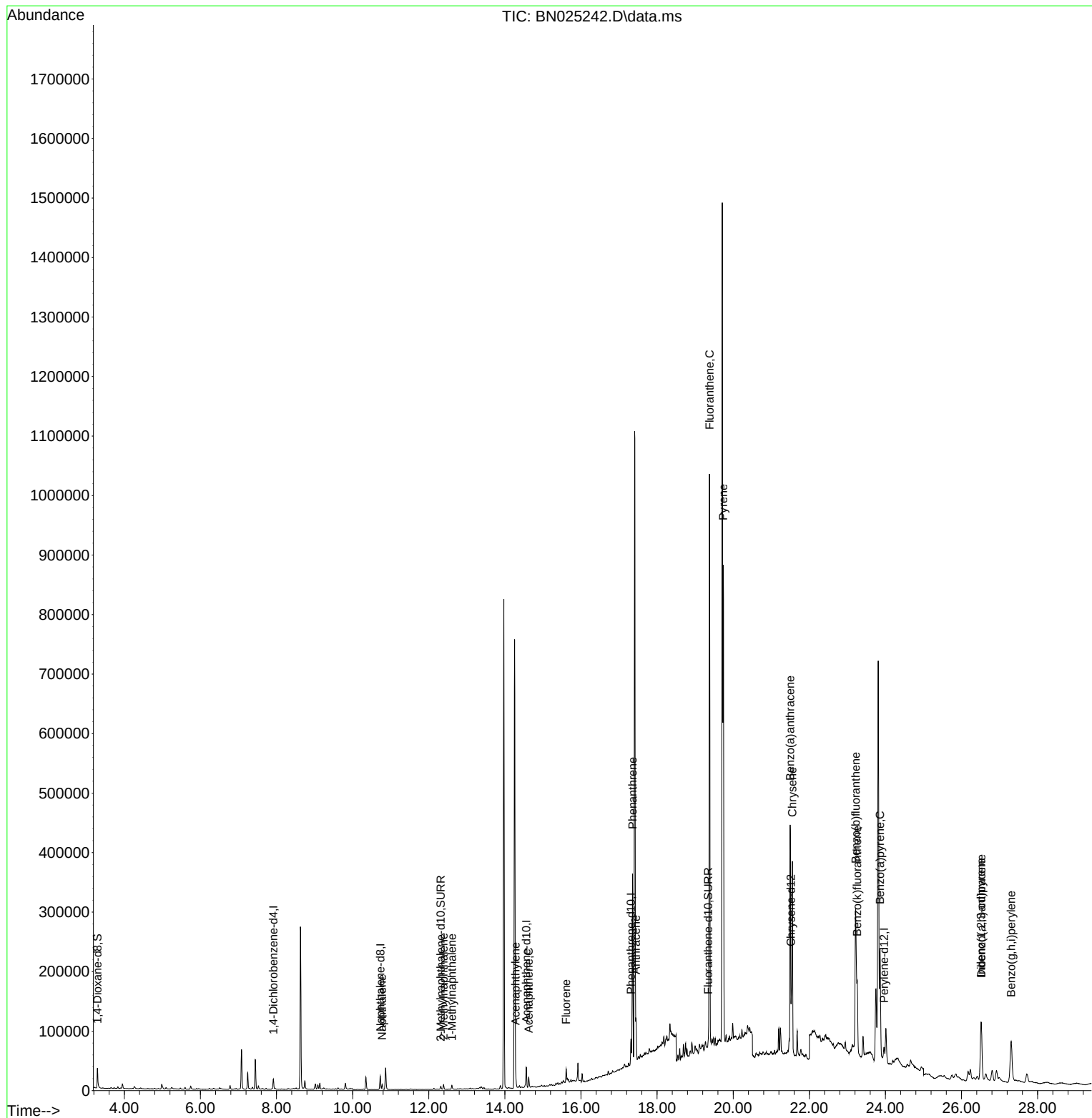
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025242.D
Acq On : 03 May 2023 16:43
Operator : CG/JU
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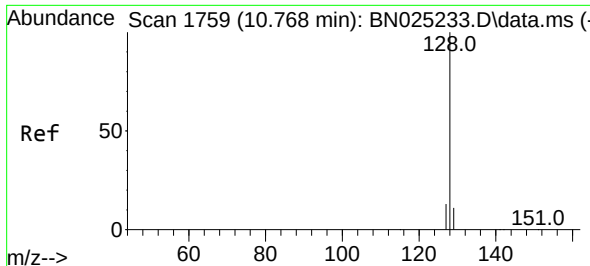
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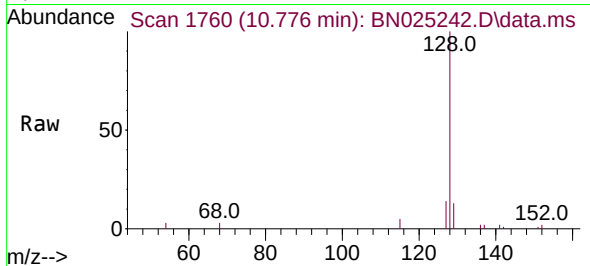
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023





#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.776 min Scan# 1759
Delta R.T. 0.007 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

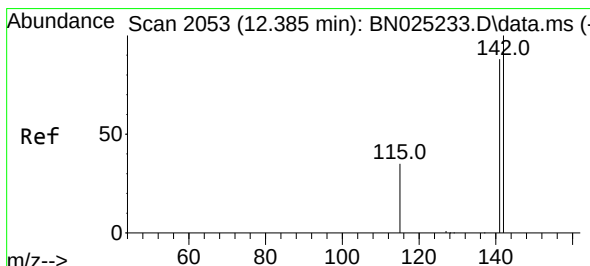
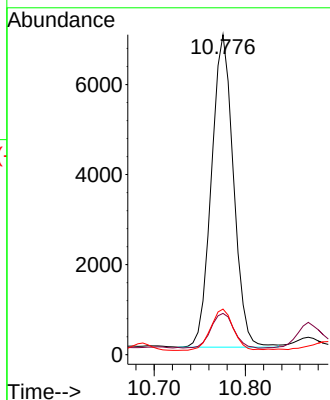
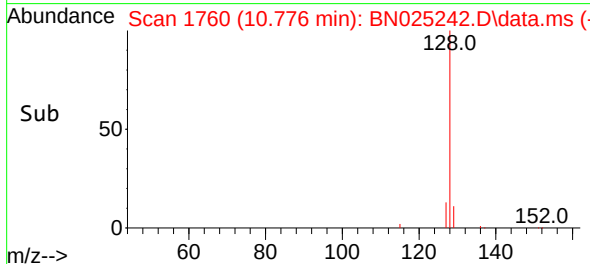
Instrument :
BNA_N
ClientSampleId :
EW907



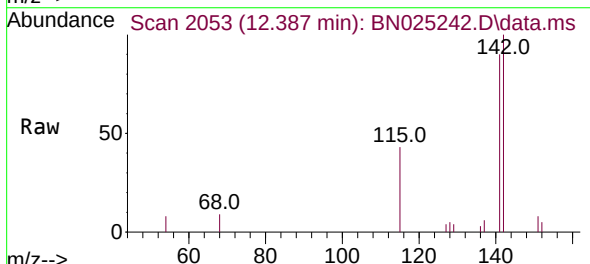
Tgt Ion:128 Resp: 1162
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 14.2 10.7 16.1

Manual Integrations
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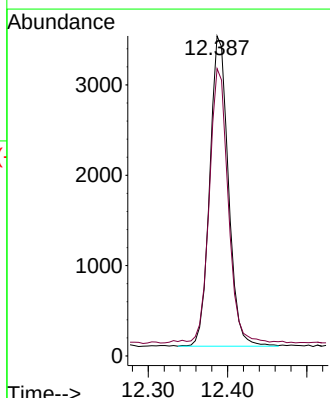
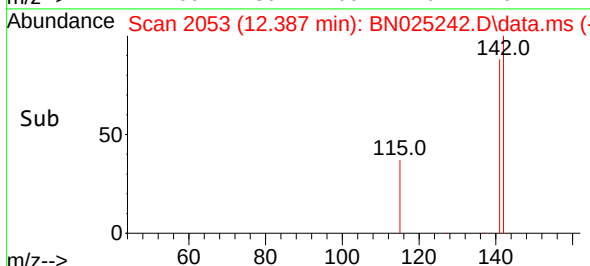
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

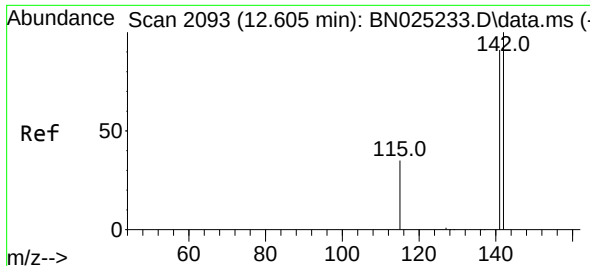


#7
2-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43



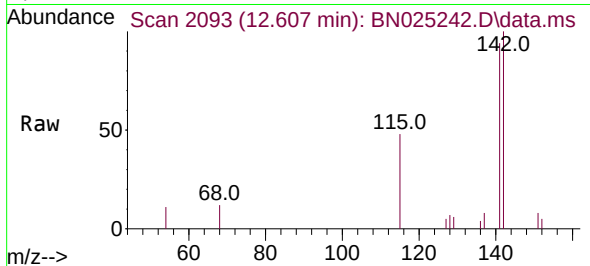
Tgt Ion:142 Resp: 5590
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

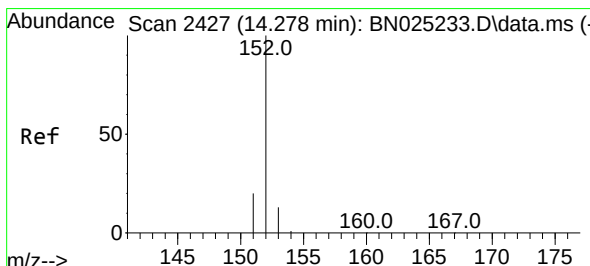
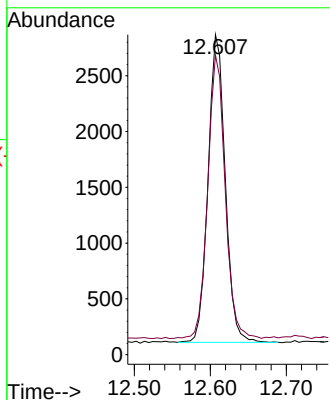
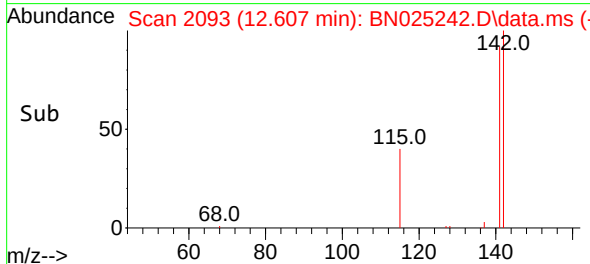
Instrument :
BNA_N
ClientSampleId :
EW907



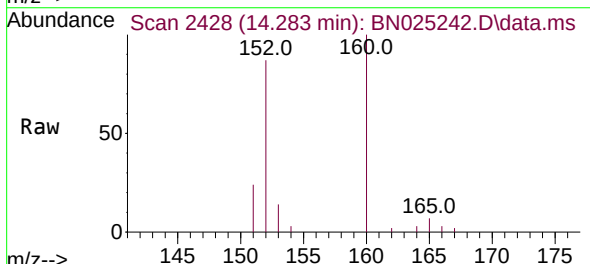
Tgt Ion:142 Resp: 4348
Ion Ratio Lower Upper
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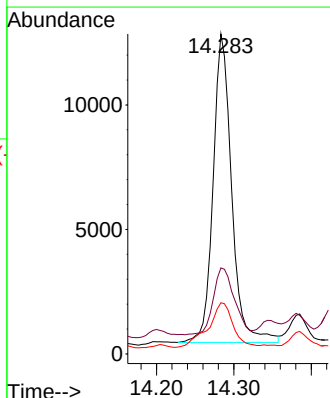
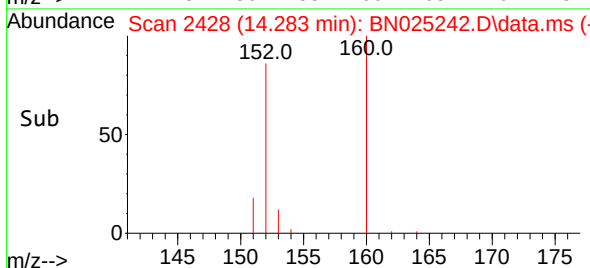
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

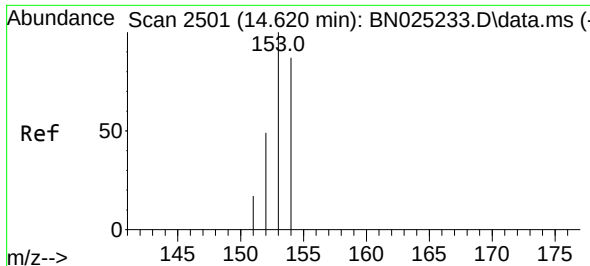


#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43



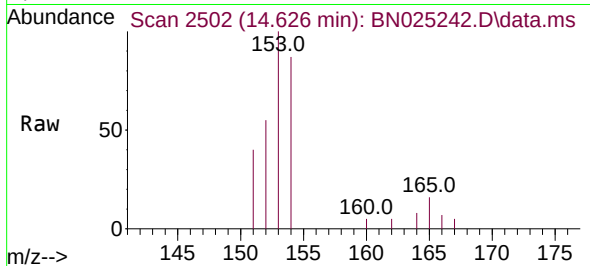
Tgt Ion:152 Resp: 20699
Ion Ratio Lower Upper
152 100
151 26.9 16.0 24.0#
153 16.0 10.8 16.2





#11
Acenaphthene
Concen: 0.157 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. 0.005 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

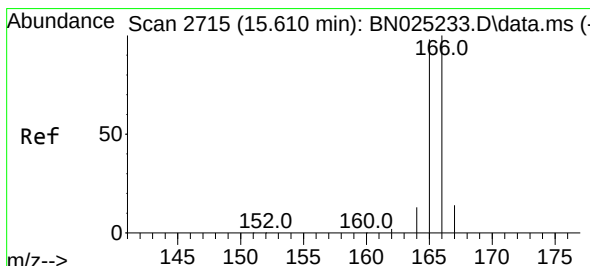
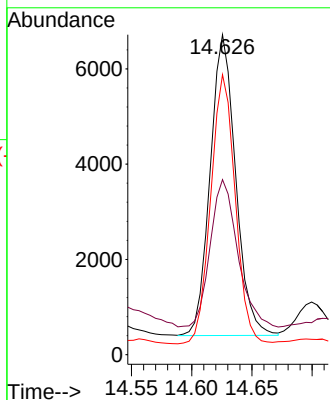
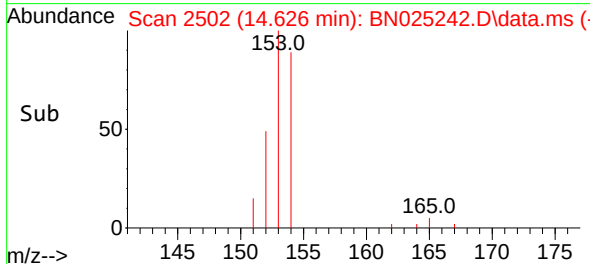
Instrument :
BNA_N
ClientSampleId :
EW907



Tgt Ion:153 Resp: 9289
Ion Ratio Lower Upper
153 100
152 54.7 40.2 60.4
154 87.5 69.4 104.2

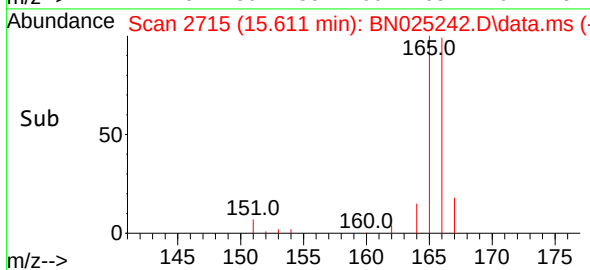
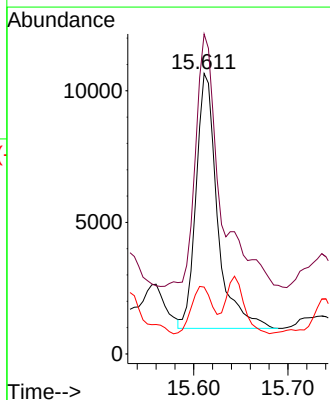
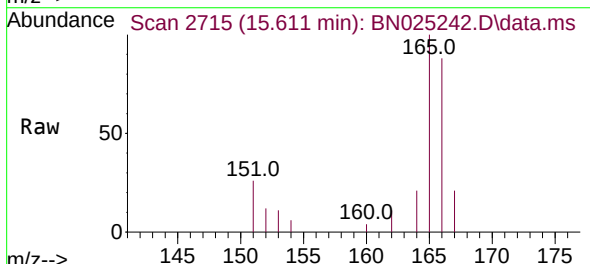
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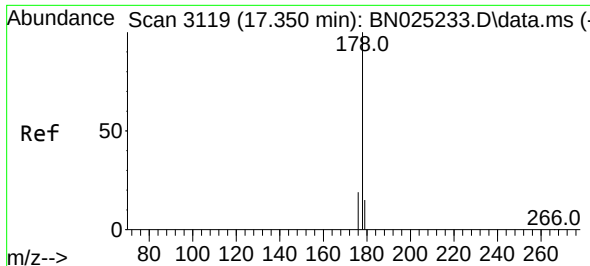
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 0.231 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

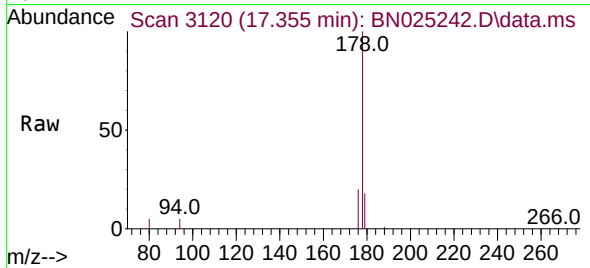
Tgt Ion:166 Resp: 15309
Ion Ratio Lower Upper
166 100
165 114.1 78.1 117.1
167 23.8 11.0 16.6





#15
Phenanthrene
Concen: 3.065 ng/u1
RT: 17.355 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

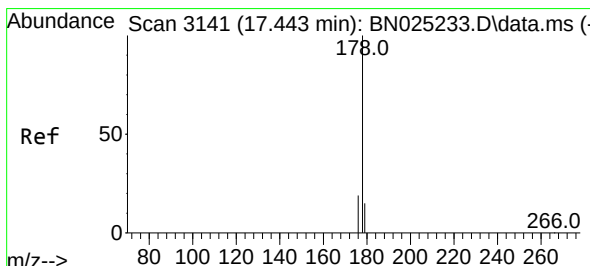
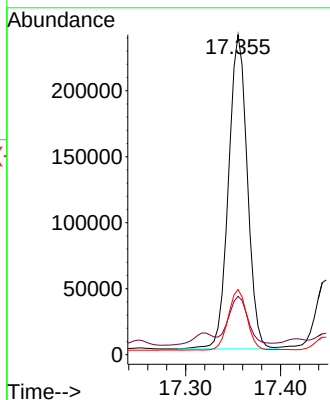
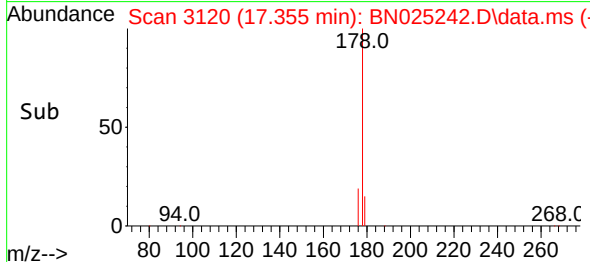
Instrument :
BNA_N
ClientSampleId :
EW907



Tgt Ion:178 Resp: 328139
Ion Ratio Lower Upper
178 100
179 18.2 12.5 18.7
176 20.3 15.6 23.4

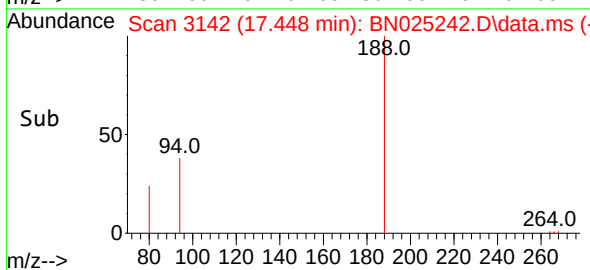
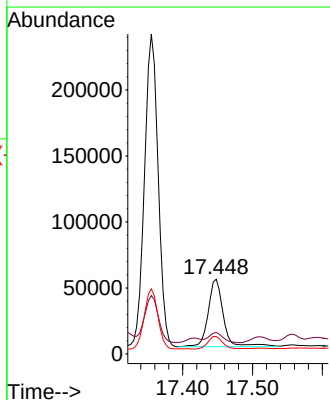
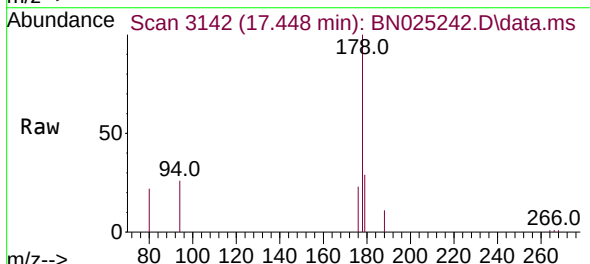
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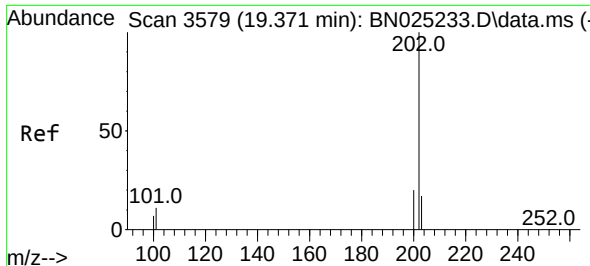
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#16
Anthracene
Concen: 0.882 ng/u1
RT: 17.448 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

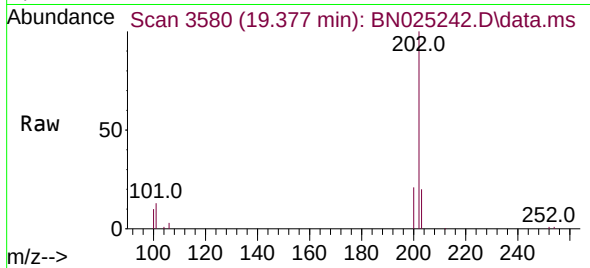
Tgt Ion:178 Resp: 77268
Ion Ratio Lower Upper
178 100
179 28.6 12.7 19.1#
176 23.3 15.3 22.9#





#19
Fluoranthene
Concen: 7.535 ng/u1
RT: 19.377 min Scan# 3579
Delta R.T. 0.006 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

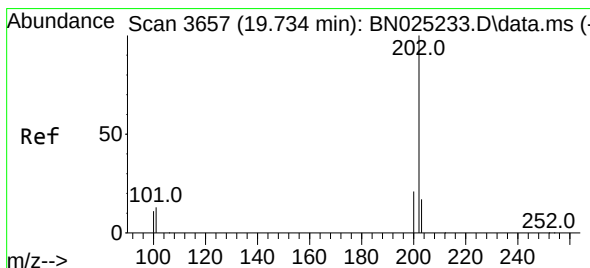
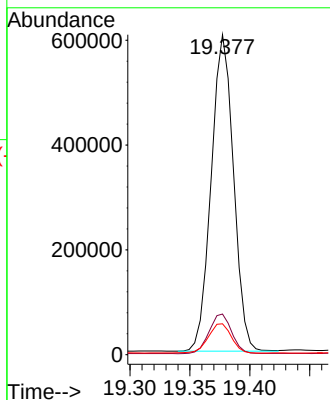
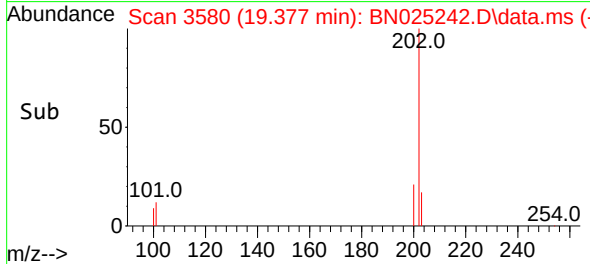
Instrument :
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ClientSampleId :
EW907



Tgt Ion:202 Resp: 78255
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 9.7 7.3 10.9

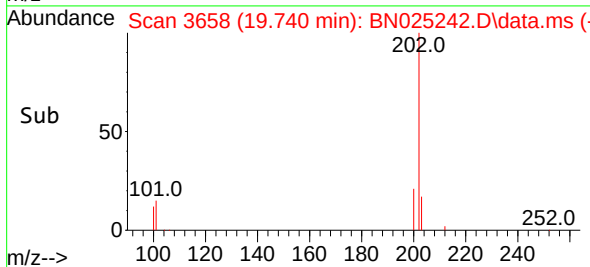
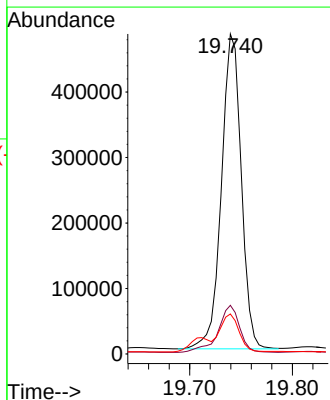
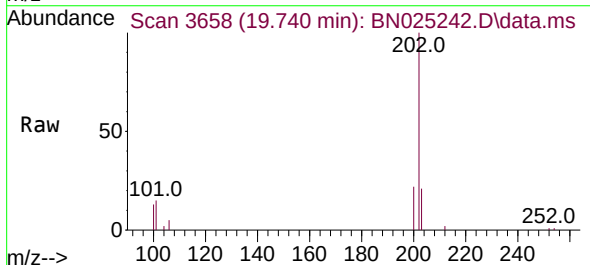
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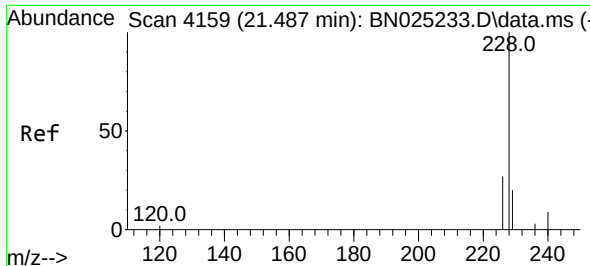
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#20
Pyrene
Concen: 6.055 ng/u1
RT: 19.740 min Scan# 3658
Delta R.T. 0.006 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

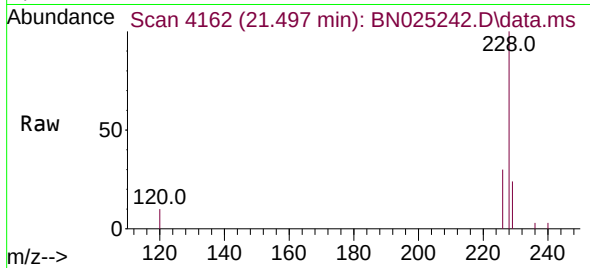
Tgt Ion:202 Resp: 646063
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
100 12.5 9.2 13.8





#21
Benzo(a)anthracene
Concen: 3.752 ng/u1
RT: 21.497 min Scan# 4159
Delta R.T. 0.010 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

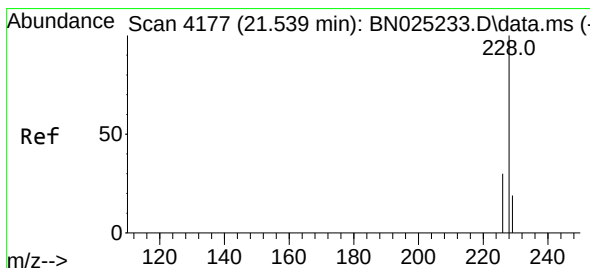
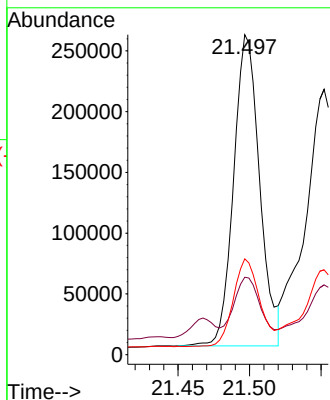
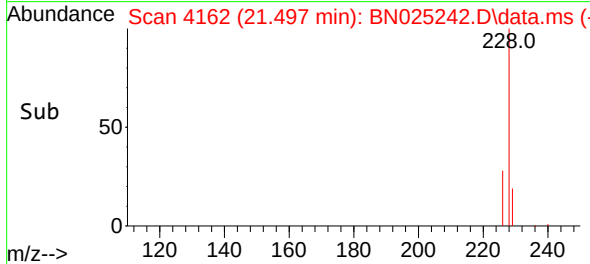
Instrument :
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Tgt Ion:228 Resp: 324650
Ion Ratio Lower Upper
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229 24.2 15.6 23.4
226 29.9 22.1 33.1

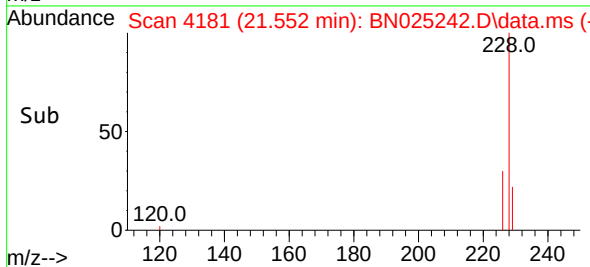
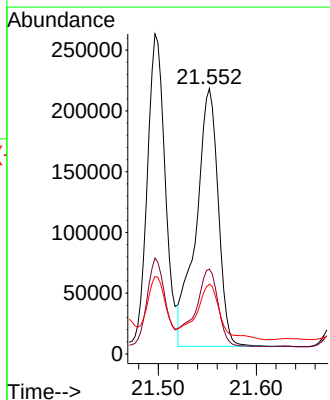
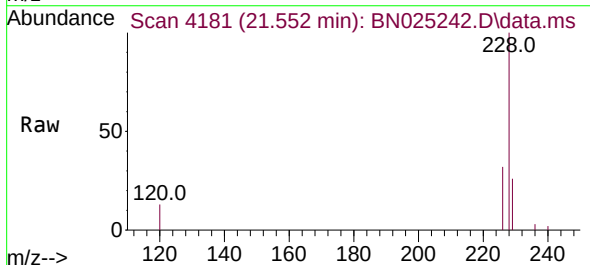
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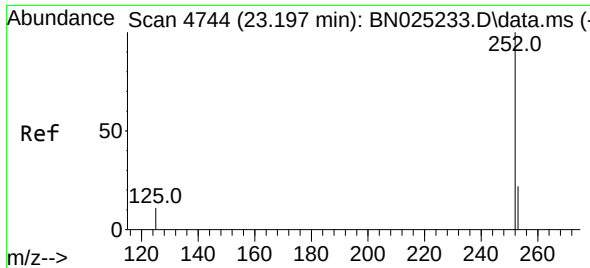
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Chrysene
Concen: 3.518 ng/u1
RT: 21.552 min Scan# 4181
Delta R.T. 0.013 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

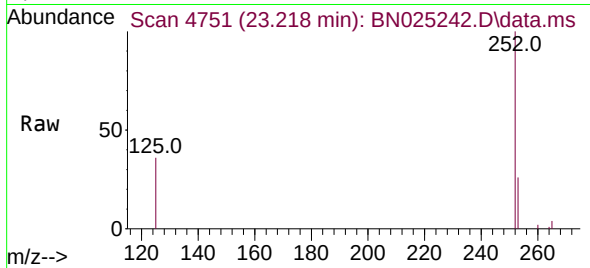
Tgt Ion:228 Resp: 332147
Ion Ratio Lower Upper
228 100
226 31.9 24.5 36.7
229 26.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.829 ng/ul m
RT: 23.218 min Scan# 4751
Delta R.T. 0.022 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

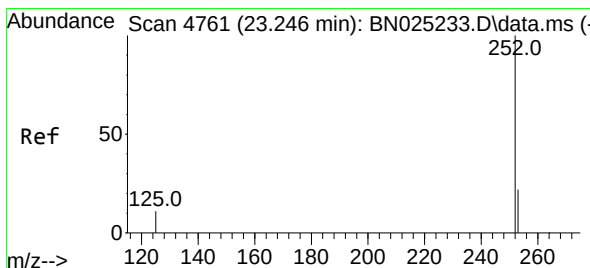
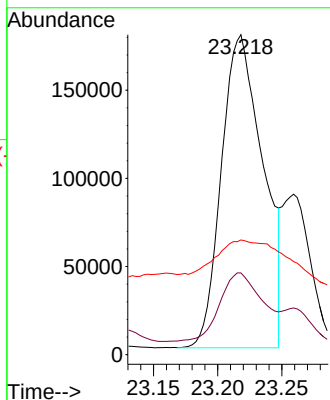
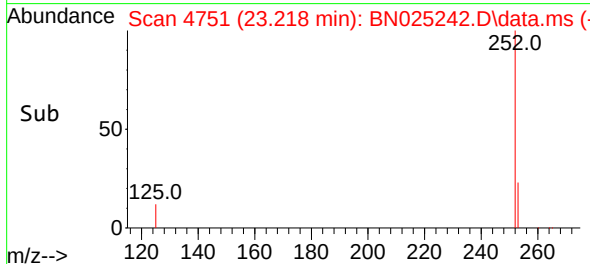
Instrument :
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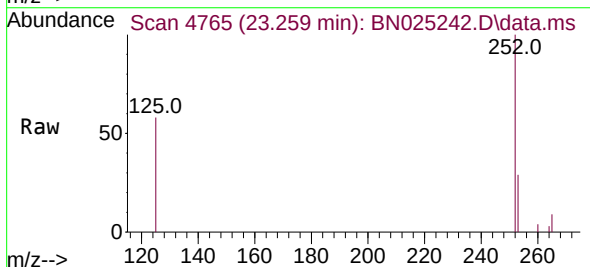
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Ion Ratio Lower Upper
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253 25.5 0.0 50.2
125 35.8 0.0 30.4

Manual Integrations
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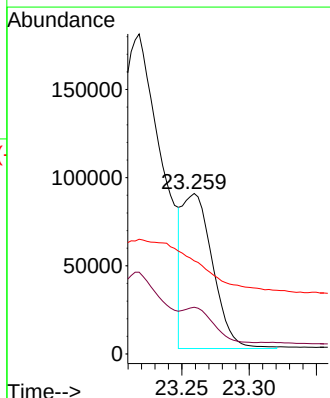
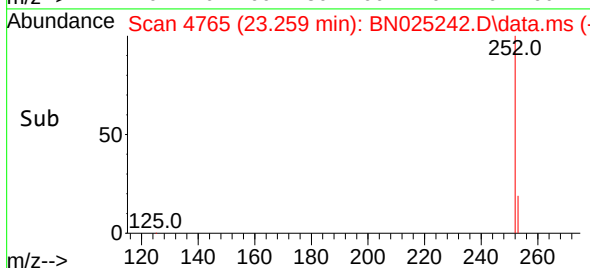
Reviewed By :Christian Giraldo 05/04/2023
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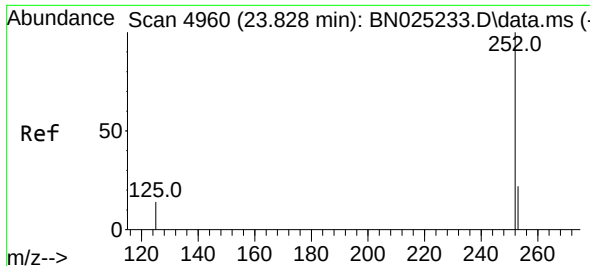


#25
Benzo(k)fluoranthene
Concen: 1.365 ng/ul m
RT: 23.259 min Scan# 4765
Delta R.T. 0.013 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43



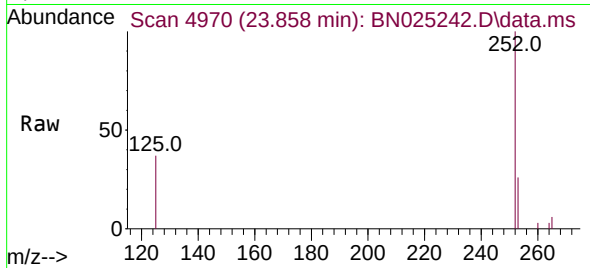
Tgt Ion:252 Resp: 137618
Ion Ratio Lower Upper
252 100
253 29.1 20.2 30.4
125 58.1 11.8 17.8





#26
Benzo(a)pyrene
Concen: 2.940 ng/ul
RT: 23.858 min Scan# 4960
Delta R.T. 0.030 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

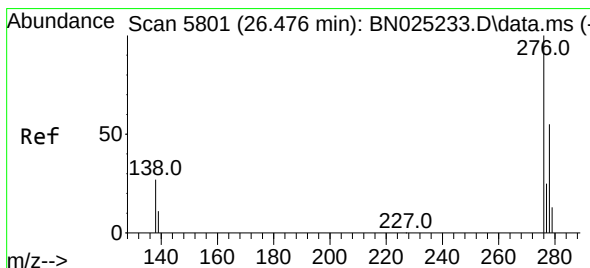
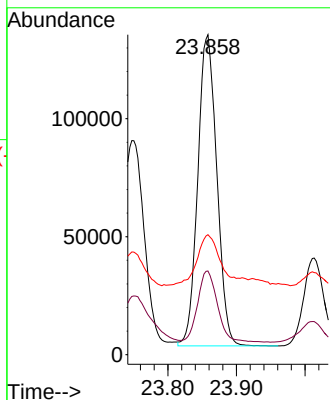
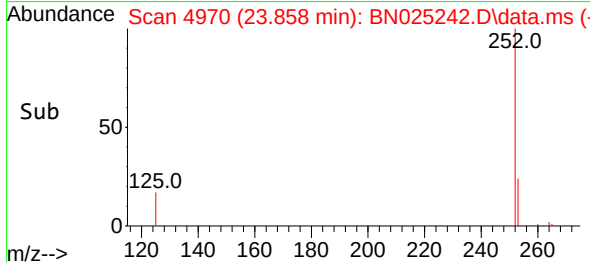
Instrument :
BNA_N
ClientSampleId :
EW907



Tgt Ion:252 Resp: 254995
Ion Ratio Lower Upper
252 100
253 26.2 21.4 32.2
125 37.5 14.6 22.0

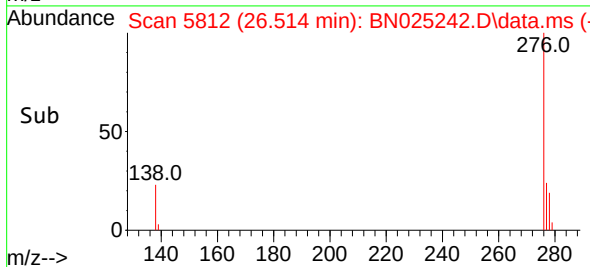
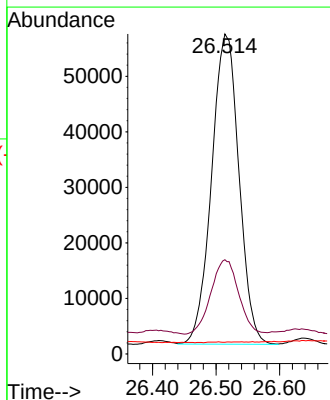
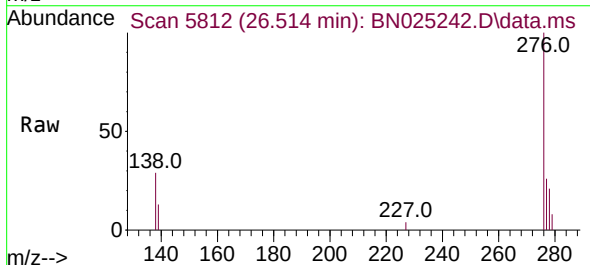
Manual Integrations
APPROVED

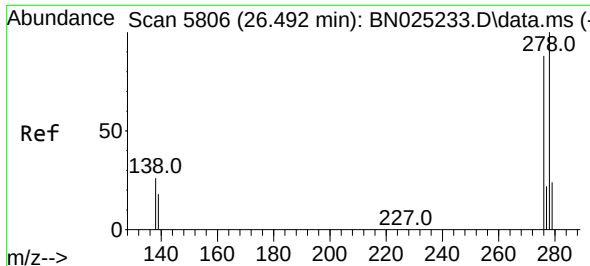
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.671 ng/ul
RT: 26.514 min Scan# 5812
Delta R.T. 0.038 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

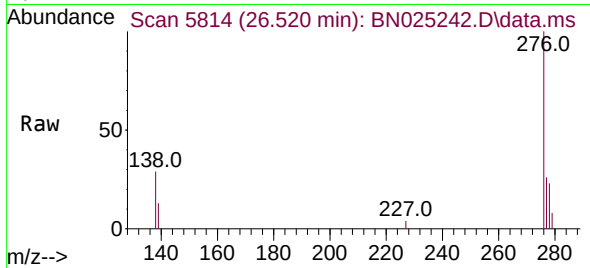
Tgt Ion:276 Resp: 166957
Ion Ratio Lower Upper
276 100
138 24.3 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 26.520 min Scan# 5814
Delta R.T. 0.028 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43

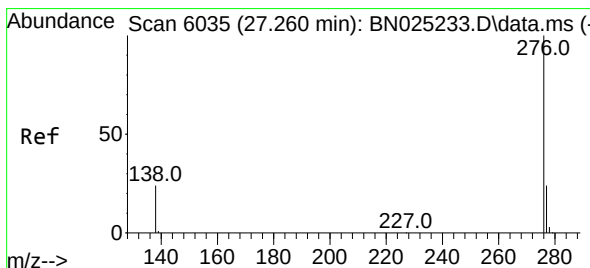
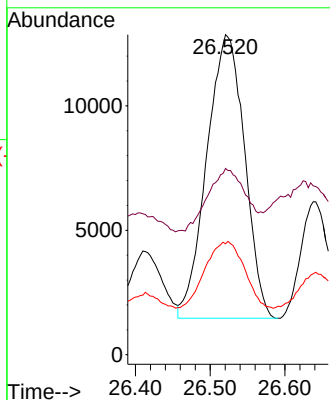
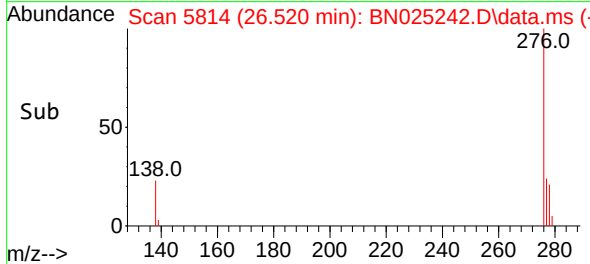
Instrument :
BNA_N
ClientSampleId :
EW907



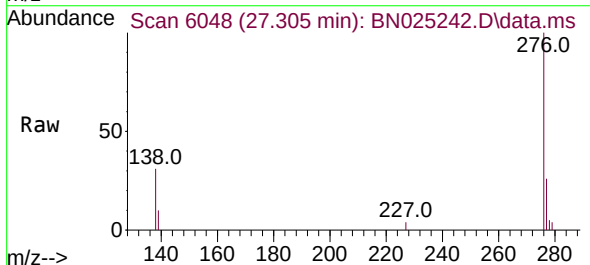
Tgt Ion:278 Resp: 40074
Ion Ratio Lower Upper
278 100
139 58.2 17.0 25.6
279 34.7 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#29
Benzo(g,h,i)perylene
Concen: 1.963 ng/ul
RT: 27.305 min Scan# 6048
Delta R.T. 0.045 min
Lab File: BN025242.D
Acq: 03 May 2023 16:43



Tgt Ion:276 Resp: 166779
Ion Ratio Lower Upper
276 100
138 30.7 20.3 30.5
277 26.0 19.8 29.6

