

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025241.D
 Acq On : 03 May 2023 16:07
 Operator : CG/JU
 Sample : 02447-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW935

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:29:46 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	7872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	26503	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	17521	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	62161	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.511	240	28217	0.400	ng/ul	# 0.00
23) Perylene-d12	23.957	264	25331	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	29489	3.618	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	10221	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.344	212	25645	0.345	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	29995	0.442	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	28570	0.687	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	20909	0.472	ng/ul	99
10) Acenaphthylene	14.283	152	42078	0.645	ng/ul#	93
11) Acenaphthene	14.626	153	22026	0.400	ng/ul	99
12) Fluorene	15.611	166	37748	0.614	ng/ul#	94
15) Phenanthrene	17.355	178	756148	4.310	ng/ul	100
16) Anthracene	17.448	178	142903	0.996	ng/ul	98
19) Fluoranthene	19.377	202	1710642	16.765	ng/ul	99
20) Pyrene	19.739	202	1594560	15.210	ng/ul	98
21) Benzo(a)anthracene	21.493	228	1057907	12.442	ng/ul	97
22) Chrysene	21.549	228	1229406	13.254	ng/ul	97
24) Benzo(b)fluoranthene	23.215	252	1697956m	16.522	ng/ul	
25) Benzo(k)fluoranthene	23.256	252	603536m	6.105	ng/ul	
26) Benzo(a)pyrene	23.849	252	1070649	12.591	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.500	276	970895	9.910	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.510	278	252370	3.298	ng/ul#	92
29) Benzo(g,h,i)perylene	27.295	276	997075	11.969	ng/ul	99

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

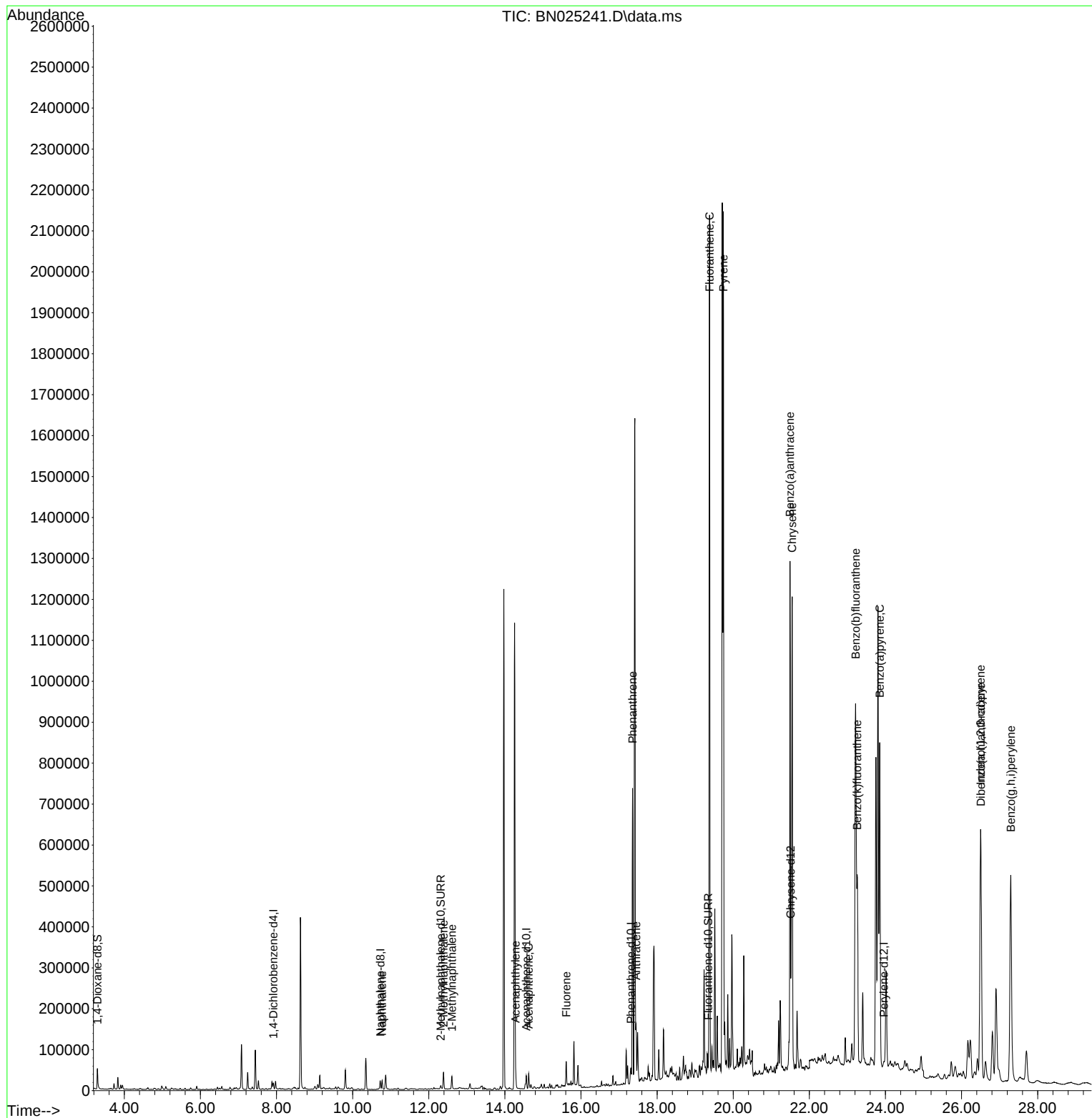
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
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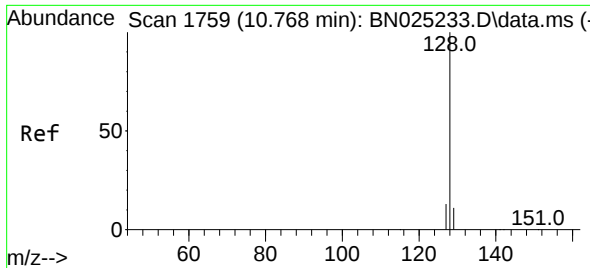
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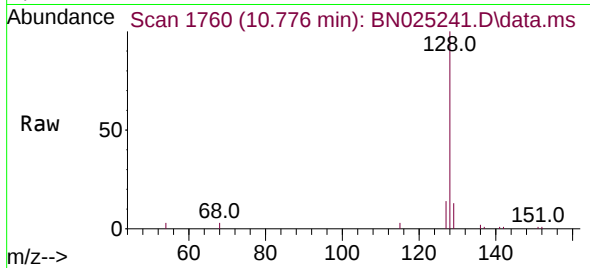
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.442 ng/ul
RT: 10.776 min Scan# 1759
Delta R.T. 0.007 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

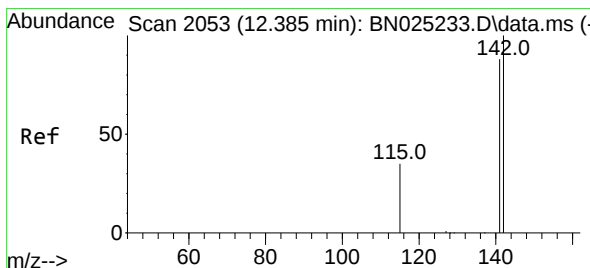
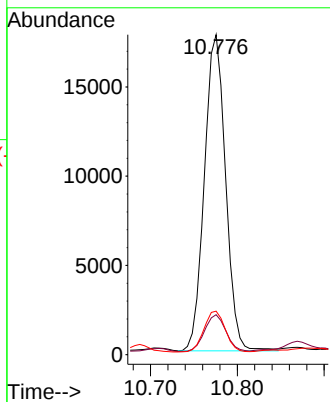
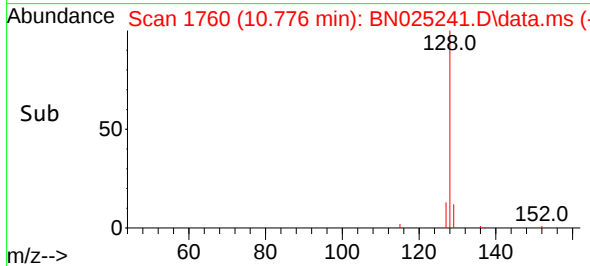
Instrument :
BNA_N
ClientSampleId :
EW935



Tgt Ion:128 Resp: 2999
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 13.6 10.7 16.1

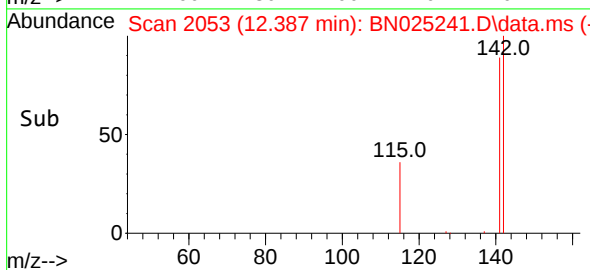
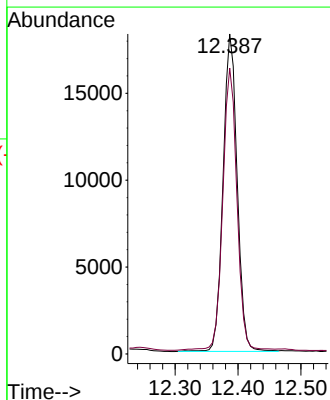
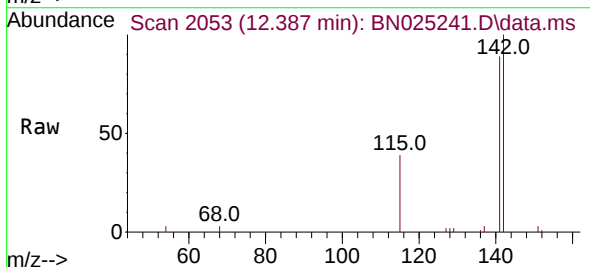
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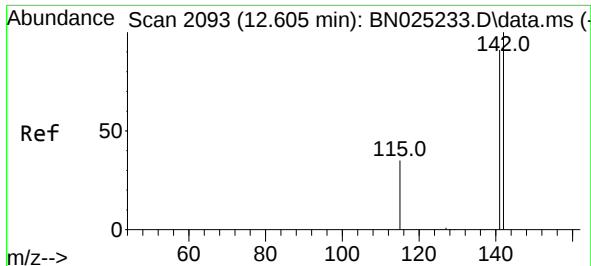
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#7
2-Methylnaphthalene
Concen: 0.687 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

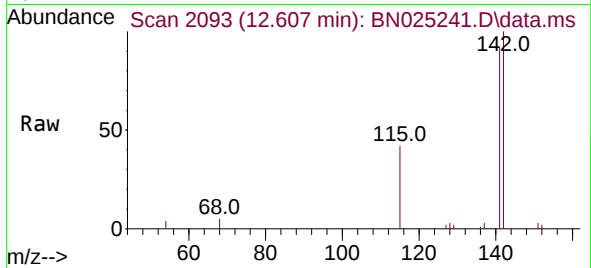
Tgt Ion:142 Resp: 28570
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

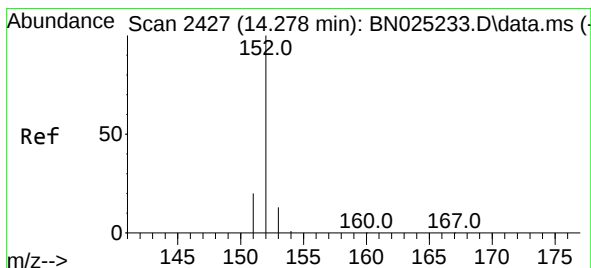
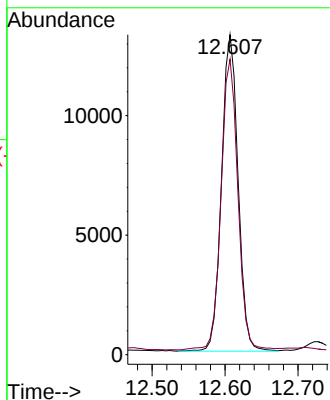
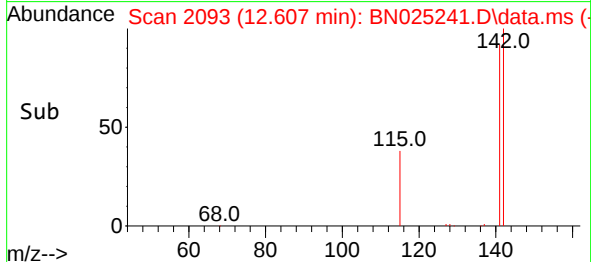
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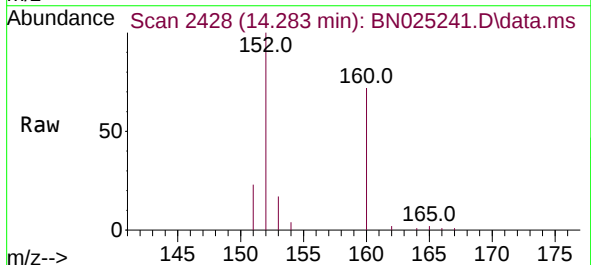
Tgt Ion:142 Resp: 20909
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.6

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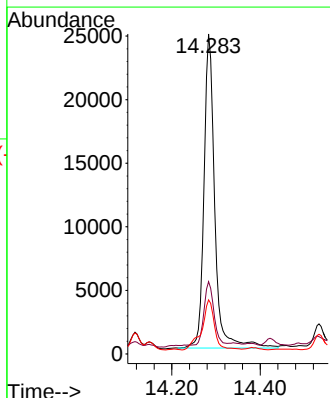
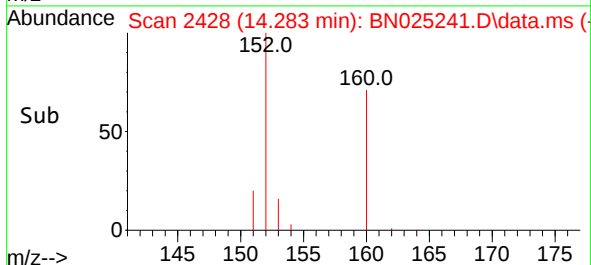
Reviewed By :Christian Giraldo 05/04/2023
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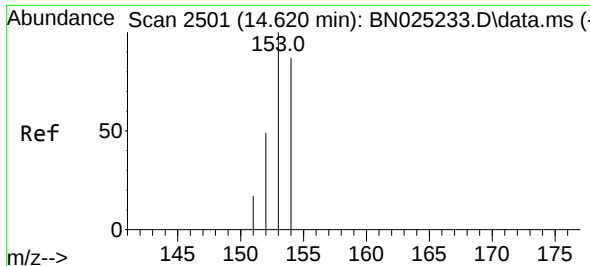


#10
Acenaphthylene
Concen: 0.645 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07



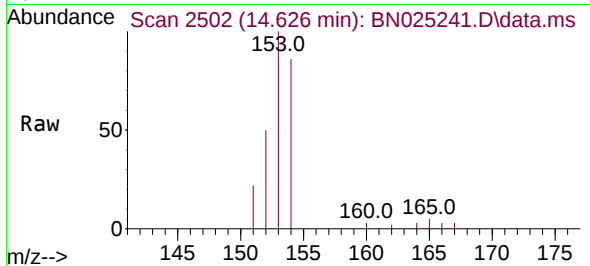
Tgt Ion:152 Resp: 42078
Ion Ratio Lower Upper
152 100
151 22.6 16.0 24.0
153 16.9 10.8 16.2#





#11
Acenaphthene
Concen: 0.400 ng/u1
RT: 14.626 min Scan# 2100
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

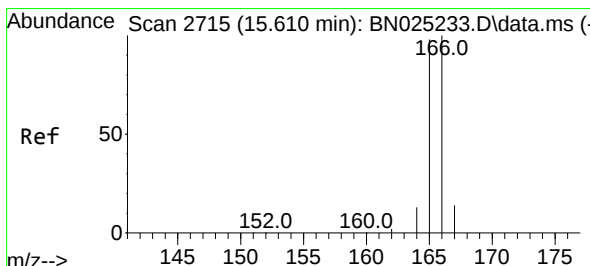
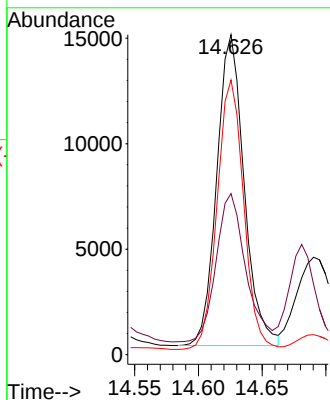
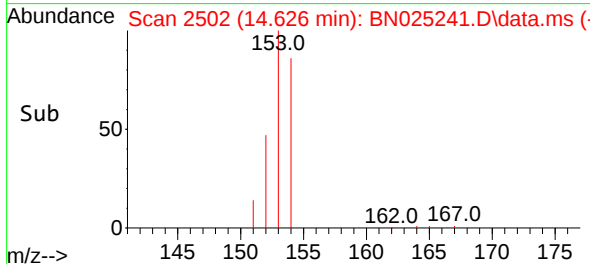
Instrument :
BNA_N
ClientSampleId :
EW935



Tgt Ion:153 Resp: 22020
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 85.9 69.4 104.2

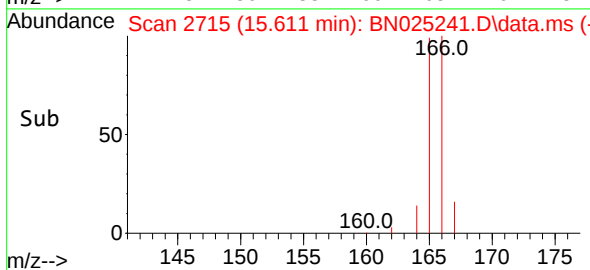
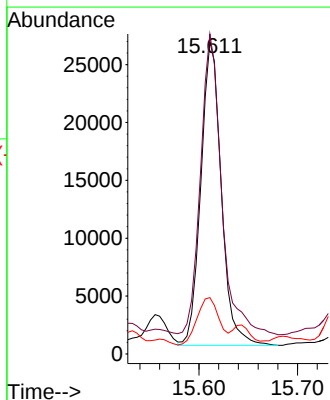
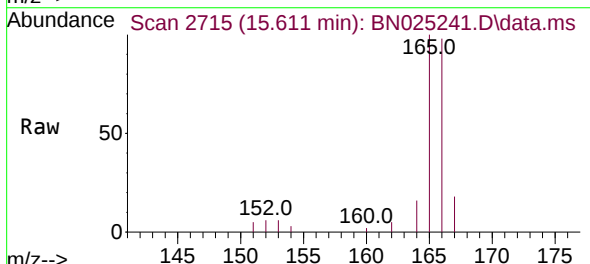
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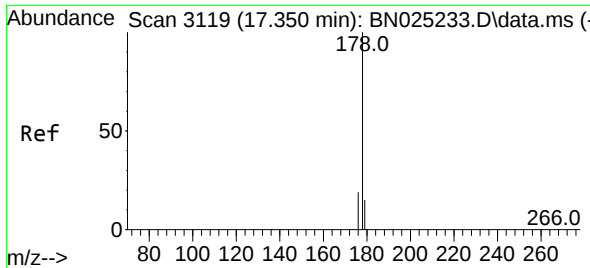
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 0.614 ng/u1
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

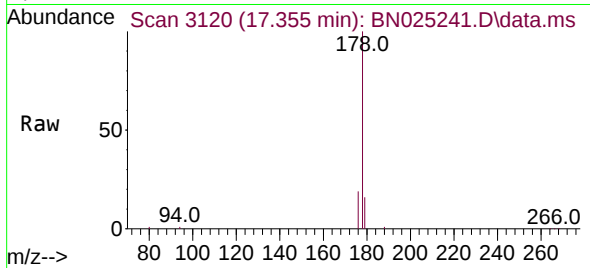
Tgt Ion:166 Resp: 37748
Ion Ratio Lower Upper
166 100
165 102.5 78.1 117.1
167 18.0 11.0 16.6#





#15
Phenanthrene
Concen: 4.310 ng/ul
RT: 17.355 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

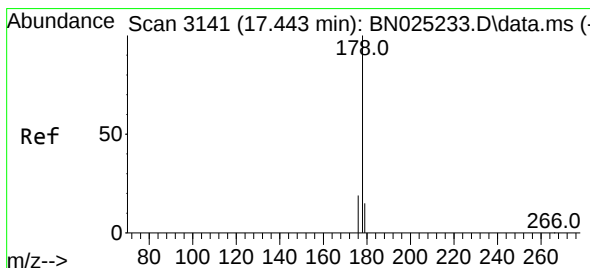
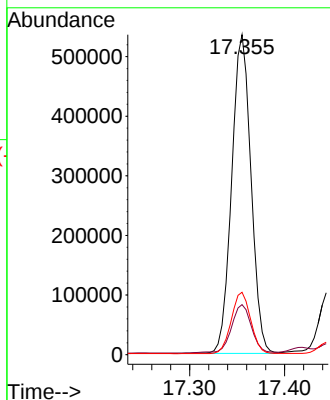
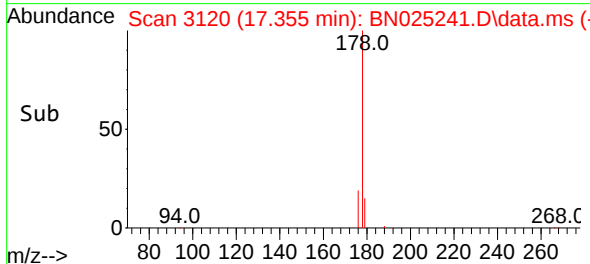
Instrument :
BNA_N
ClientSampleId :
EW935



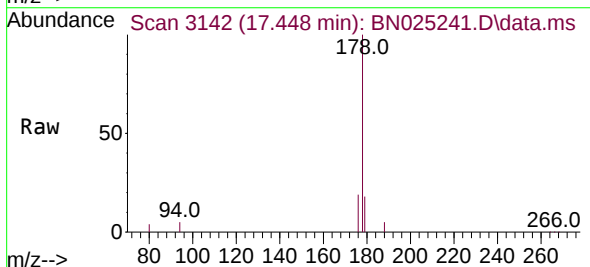
Tgt Ion:178 Resp: 756148
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.5 15.6 23.4

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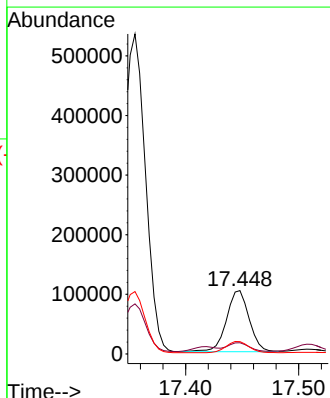
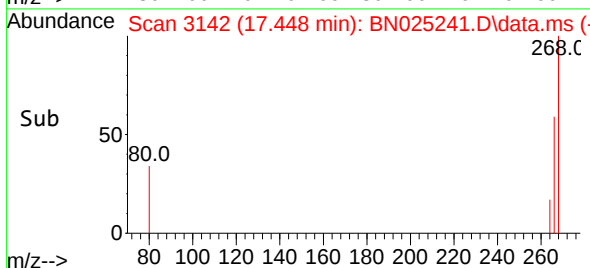
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

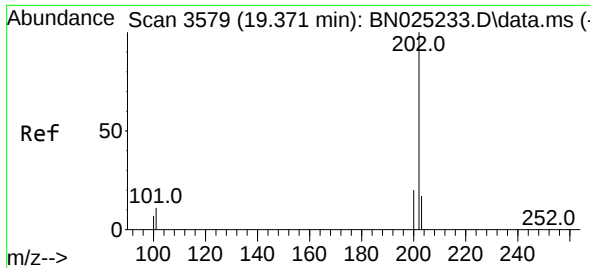


#16
Anthracene
Concen: 0.996 ng/ul
RT: 17.448 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07



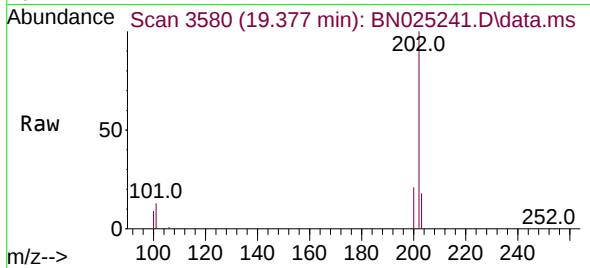
Tgt Ion:178 Resp: 142903
Ion Ratio Lower Upper
178 100
179 17.7 12.7 19.1
176 19.5 15.3 22.9





#19
Fluoranthene
Concen: 16.765 ng/ul
RT: 19.377 min Scan# 3580
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

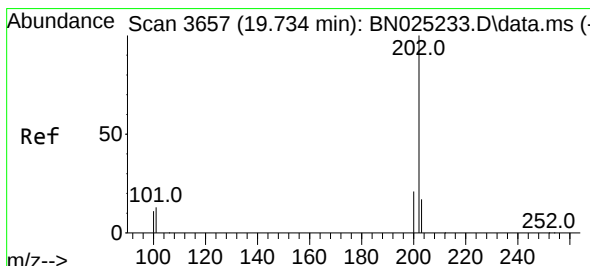
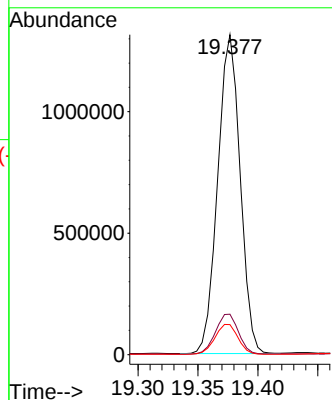
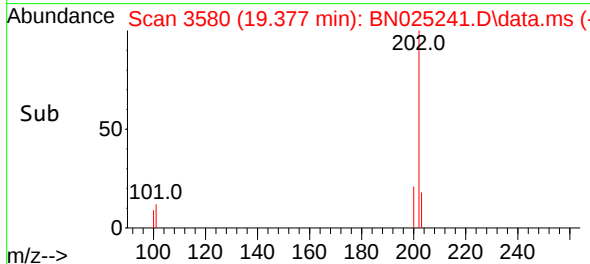
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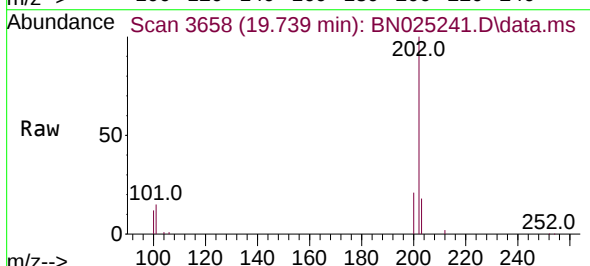
Tgt Ion:202 Resp: 171064
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 9.4 7.3 10.9

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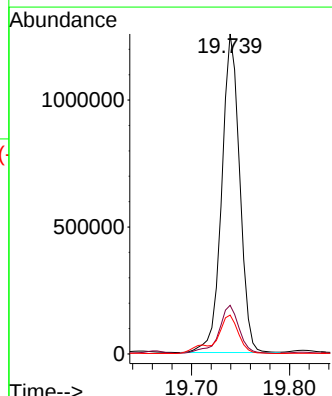
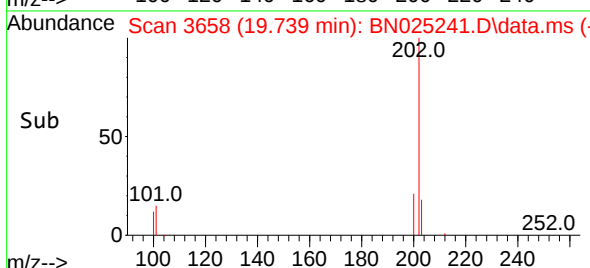
Reviewed By :Christian Giraldo 05/04/2023
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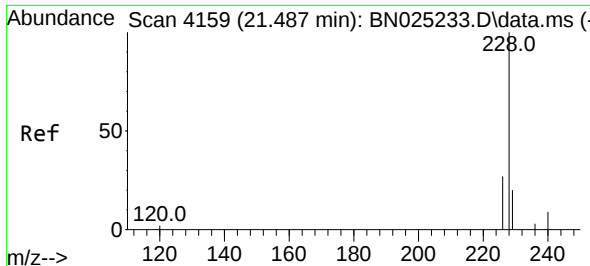


#20
Pyrene
Concen: 15.210 ng/ul
RT: 19.739 min Scan# 3658
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07



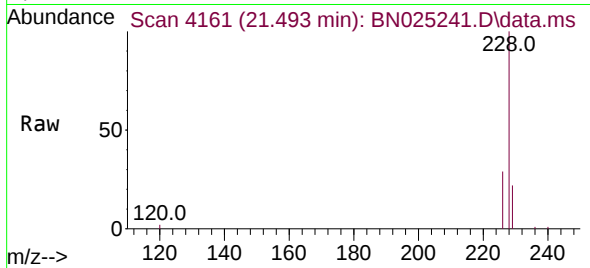
Tgt Ion:202 Resp: 1594560
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
100 12.1 9.2 13.8





#21
Benzo(a)anthracene
Concen: 12.442 ng/ul
RT: 21.493 min Scan# 4159
Delta R.T. 0.007 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

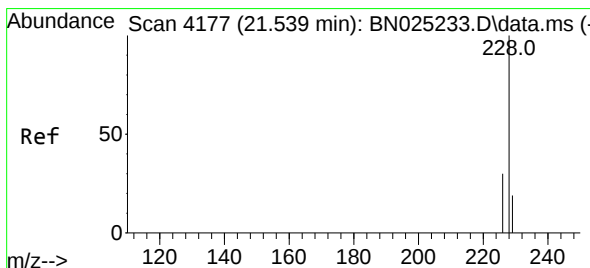
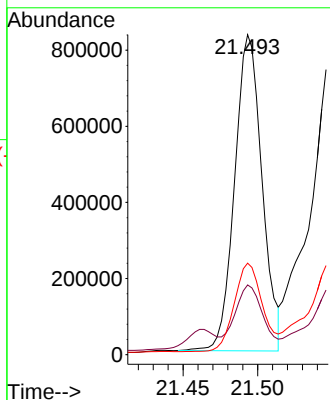
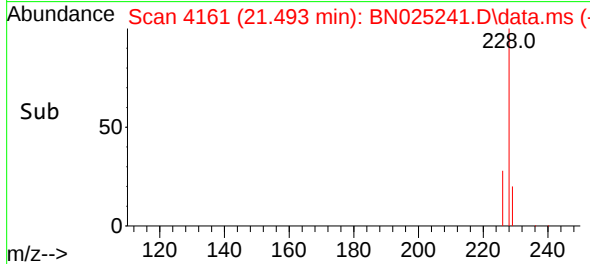
Instrument :
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Tgt Ion:228 Resp: 105790
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 28.6 22.1 33.1

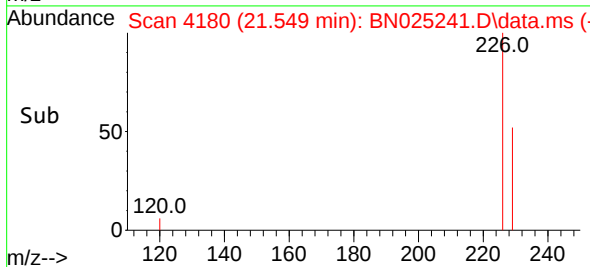
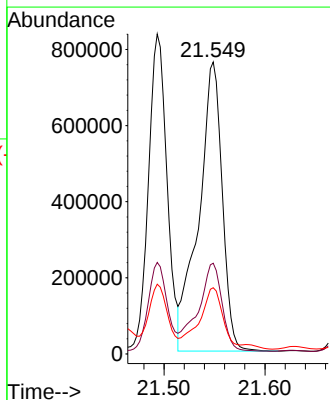
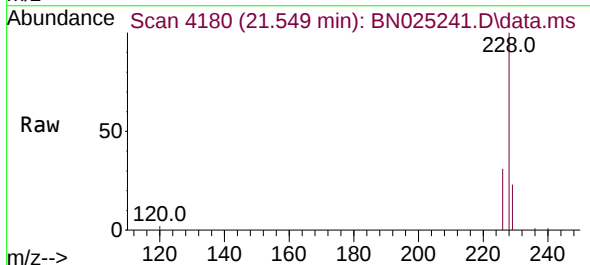
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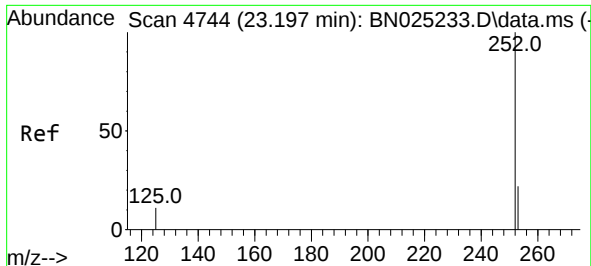
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Chrysene
Concen: 13.254 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. 0.010 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

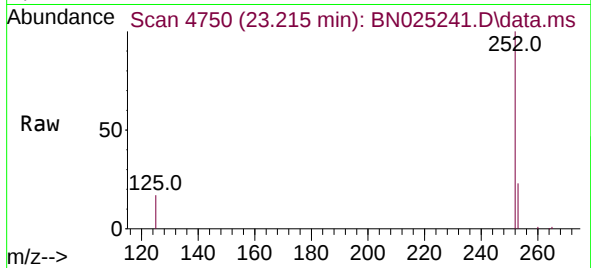
Tgt Ion:228 Resp: 1229406
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 16.522 ng/ul m
RT: 23.215 min Scan# 4750
Delta R.T. 0.018 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

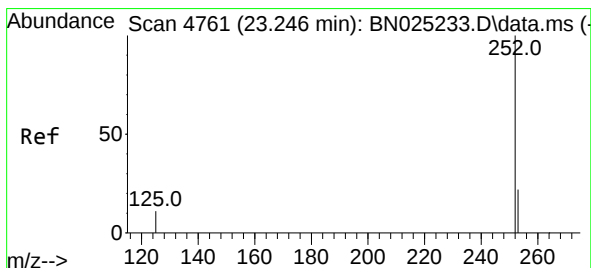
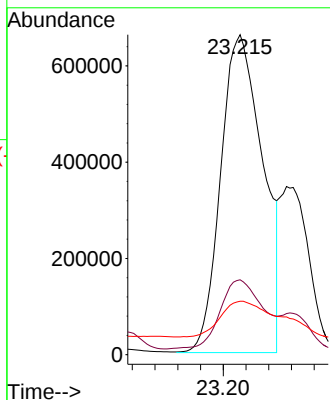
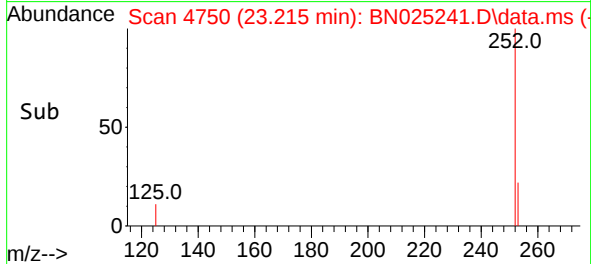
Instrument :
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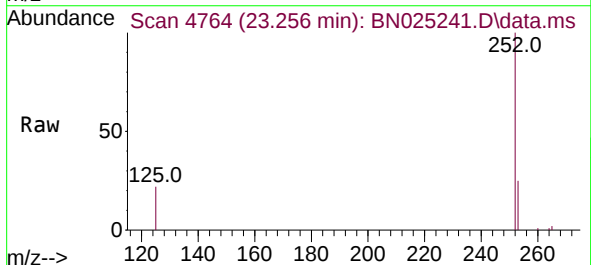
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Ion Ratio Lower Upper
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125 16.7 0.0 30.4

Manual Integrations
APPROVED

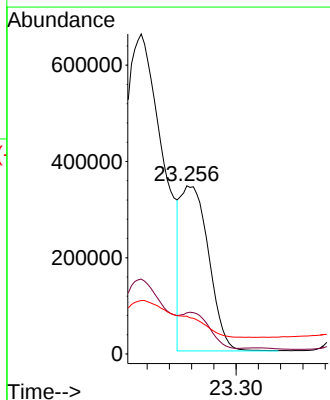
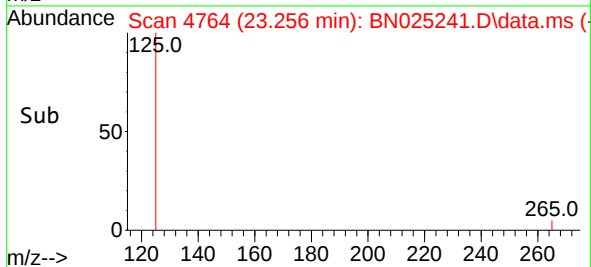
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

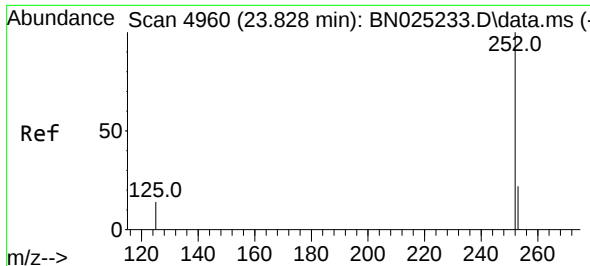


#25
Benzo(k)fluoranthene
Concen: 6.105 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. 0.010 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07



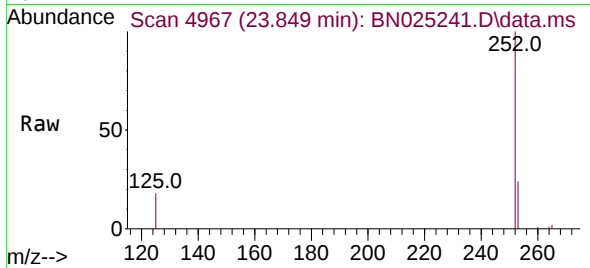
Tgt Ion:252 Resp: 603536
Ion Ratio Lower Upper
252 100
253 24.5 20.2 30.4
125 22.4 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 12.591 ng/ul
RT: 23.849 min Scan# 4967
Delta R.T. 0.021 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

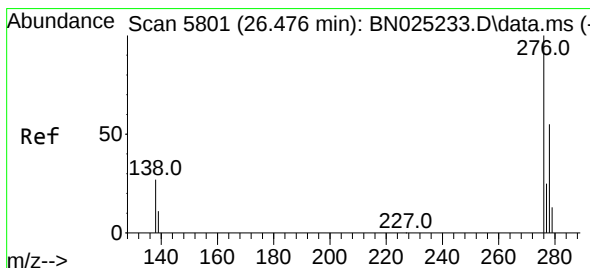
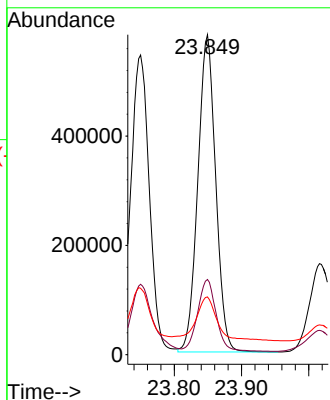
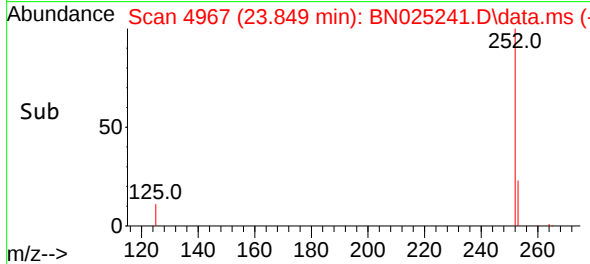
Instrument :
BNA_N
ClientSampleId :
EW935



Tgt Ion:252 Resp: 1070649
Ion Ratio Lower Upper
252 100
253 23.5 21.4 32.2
125 18.1 14.6 22.0

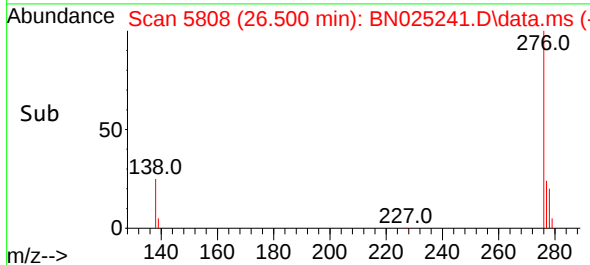
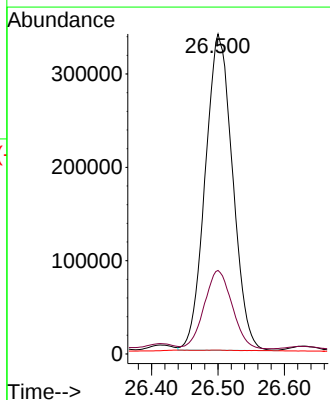
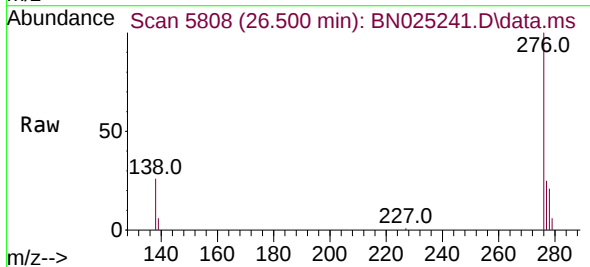
Manual Integrations
APPROVED

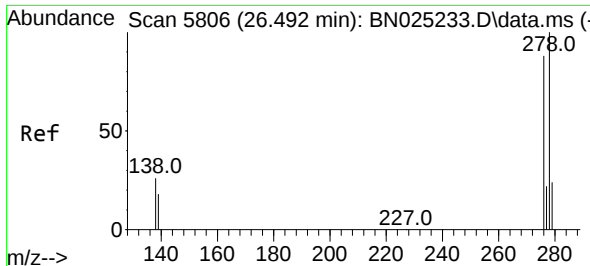
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.910 ng/ul
RT: 26.500 min Scan# 5808
Delta R.T. 0.024 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

Tgt Ion:276 Resp: 970895
Ion Ratio Lower Upper
276 100
138 25.3 21.9 32.9
227 1.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 3.298 ng/ul

RT: 26.510 min Scan# 5811

Delta R.T. 0.018 min

Lab File: BN025241.D

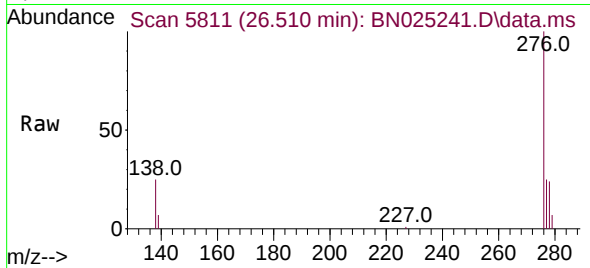
Acq: 03 May 2023 16:07

Instrument :

BNA_N

ClientSampleId :

EW935



Tgt Ion:278 Resp: 252370

Ion Ratio Lower Upper

278 100

139 28.9 17.0 25.6

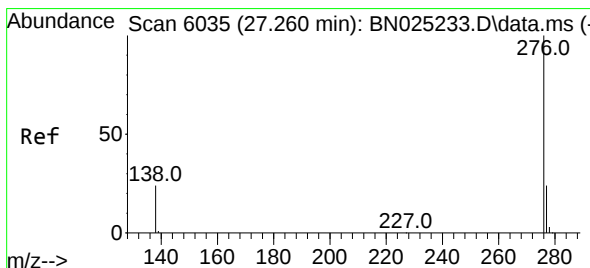
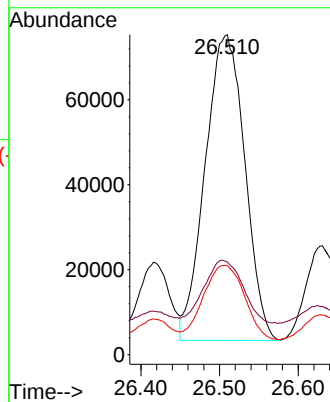
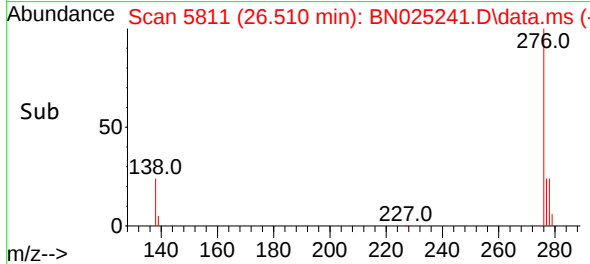
279 27.8 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#29

Benzo(g,h,i)perylene

Concen: 11.969 ng/ul

RT: 27.295 min Scan# 6045

Delta R.T. 0.034 min

Lab File: BN025241.D

Acq: 03 May 2023 16:07

Tgt Ion:276 Resp: 997075

Ion Ratio Lower Upper

276 100

138 25.8 20.3 30.5

277 24.0 19.8 29.6

