

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025236.D
 Acq On : 03 May 2023 11:47
 Operator : CG/JU
 Sample : 02419-33
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW928

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:28:51 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	7913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	25322	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	16633	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	34197	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.514	240	28394	0.400	ng/ul	# 0.00
23) Perylene-d12	23.954	264	23591	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	19870	2.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6906	0.212	ng/ul	0.00
18) Fluoranthene-d10	19.344	212	15316	0.205	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	169028	2.605	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	98175	2.470	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	79594	1.879	ng/ul	100
10) Acenaphthylene	14.283	152	328301	5.298	ng/ul	99
11) Acenaphthene	14.626	153	141846	2.716	ng/ul	98
12) Fluorene	15.611	166	232060	3.974	ng/ul	99
14) Pentachlorophenol	16.967	266	419	0.062	ng/ul#	88
15) Phenanthrene	17.355	178	3824082	39.617	ng/ul	100
16) Anthracene	17.444	178	1110260	14.060	ng/ul	99
19) Fluoranthene	19.377	202	6508395	63.386	ng/ul	96
20) Pyrene	19.739	202	6069472	57.533	ng/ul	96
21) Benzo(a)anthracene	21.496	228	3461982	40.462	ng/ul	97
22) Chrysene	21.549	228	3242043	34.735	ng/ul	97
24) Benzo(b)fluoranthene	23.215	252	3678428m	38.432	ng/ul	
25) Benzo(k)fluoranthene	23.256	252	1398205m	15.187	ng/ul	
26) Benzo(a)pyrene	23.855	252	2746496	34.682	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.510	276	1613971	17.689	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.520	278	424332	5.954	ng/ul	98
29) Benzo(g,h,i)perylene	27.301	276	1524776	19.654	ng/ul	100

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

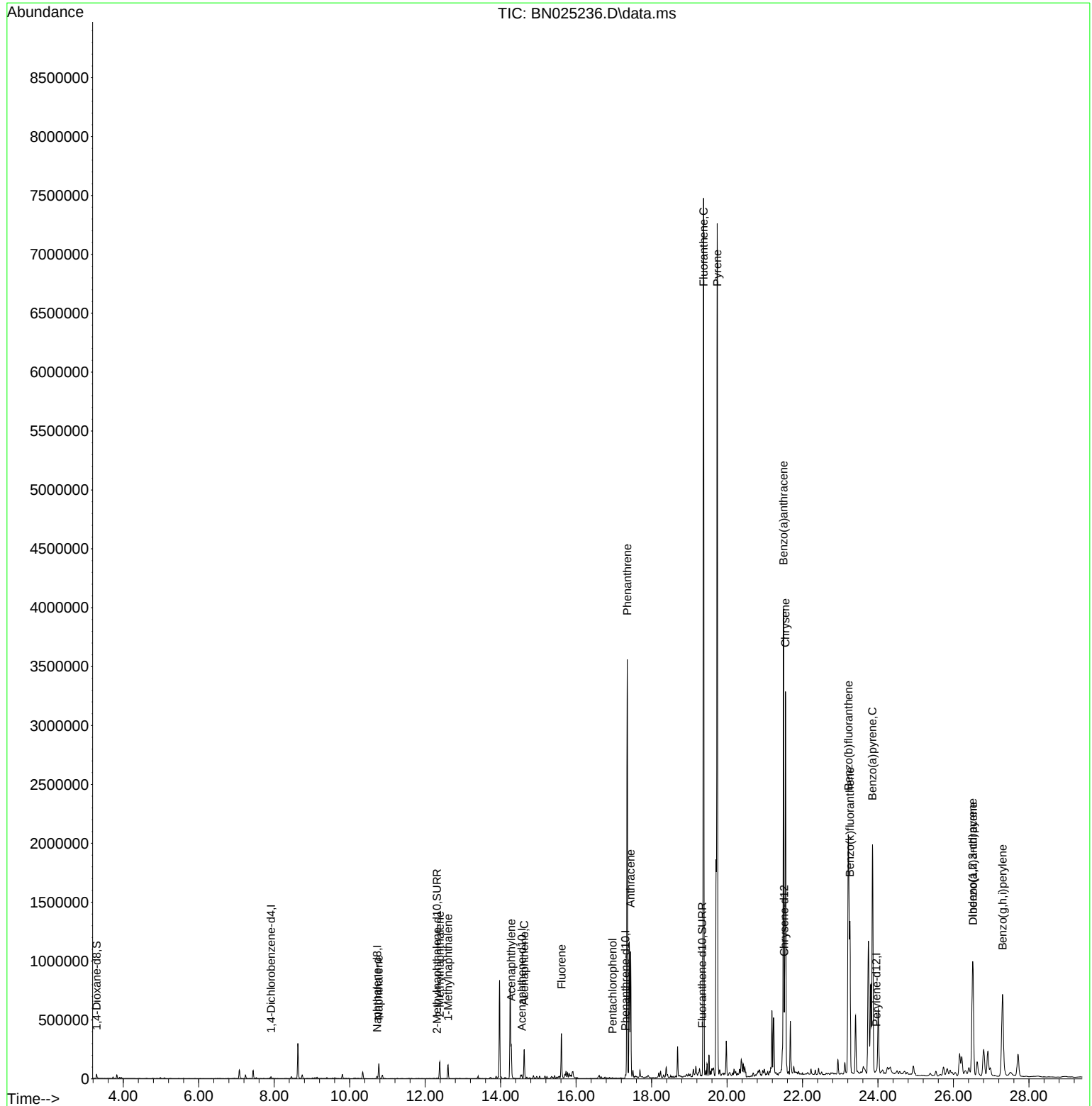
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025236.D
Acq On : 03 May 2023 11:47
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Misc :
ALS Vial : 5 Sample Multiplier: 1

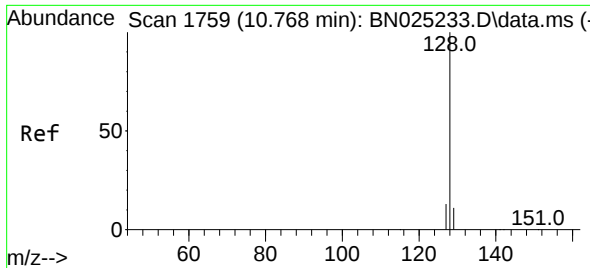
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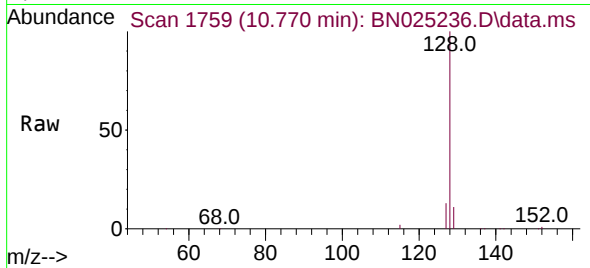
Quant Time: May 04 04:28:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.605 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. 0.002 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

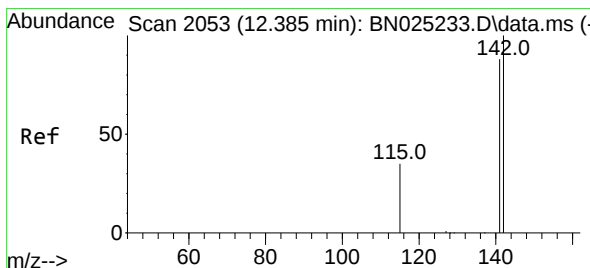
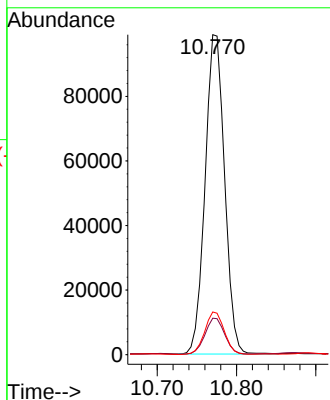
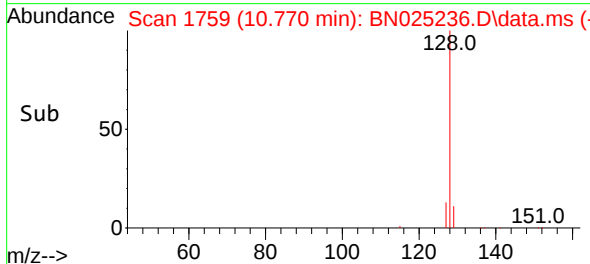
Instrument :
BNA_N
ClientSampleId :
EW928



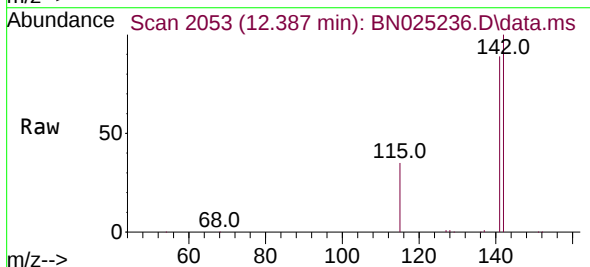
Tgt Ion:128 Resp: 169028
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 10.7 16.1

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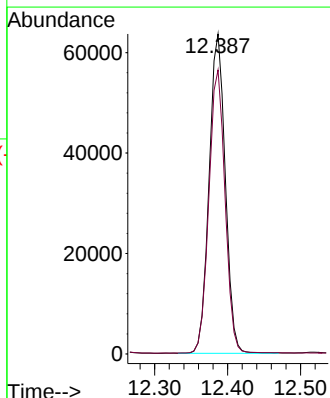
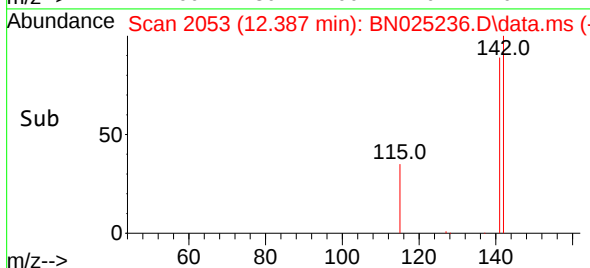
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

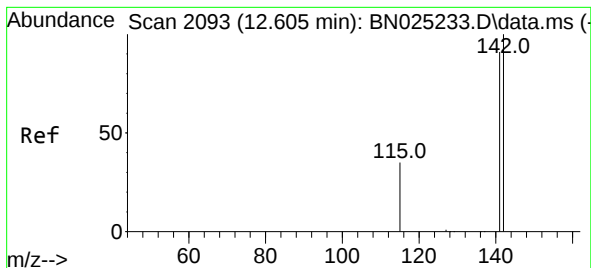


#7
2-Methylnaphthalene
Concen: 2.470 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47



Tgt Ion:142 Resp: 98175
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





#8

1-Methylnaphthalene

Concen: 1.879 ng/ul

RT: 12.607 min Scan# 2093

Delta R.T. 0.002 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

Instrument :

BNA_N

ClientSampleId :

EW928

Tgt Ion:142 Resp: 79594

Ion Ratio Lower Upper

142 100

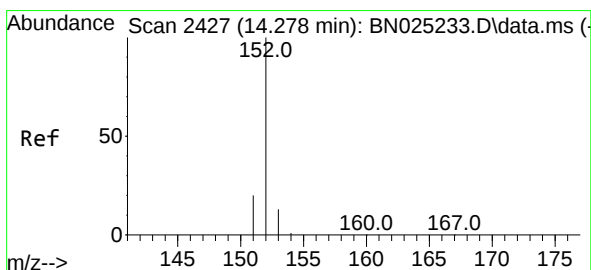
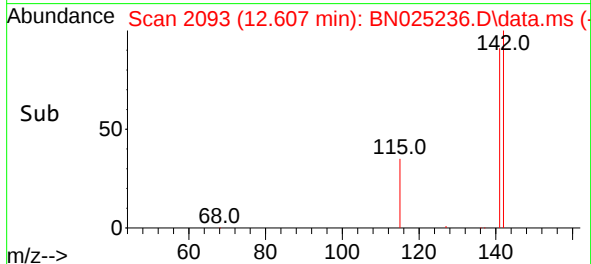
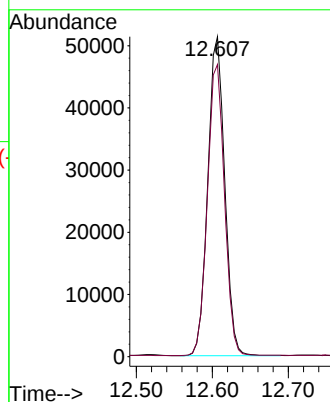
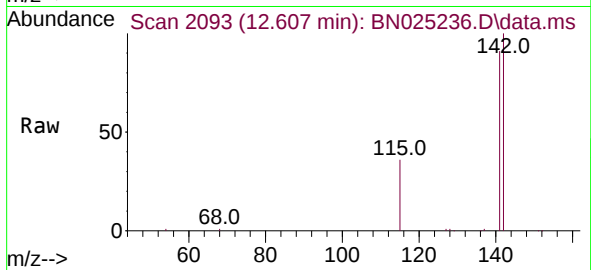
141 92.2 73.8 110.6

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#10

Acenaphthylene

Concen: 5.298 ng/ul

RT: 14.283 min Scan# 2428

Delta R.T. 0.005 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

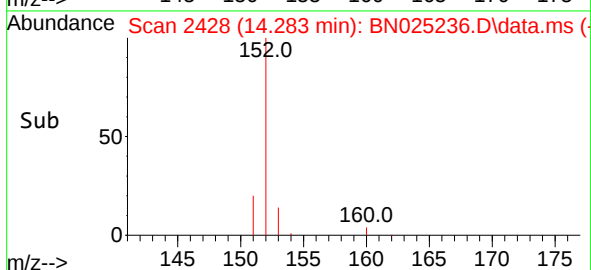
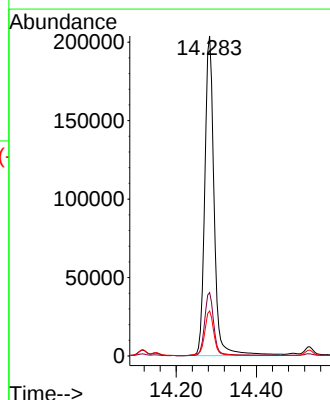
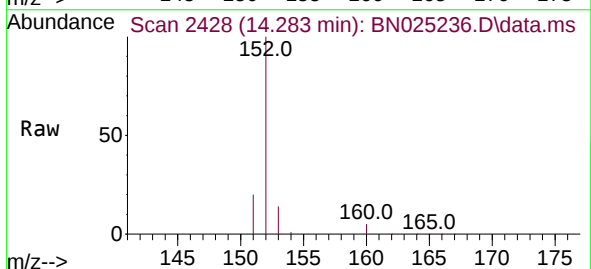
Tgt Ion:152 Resp: 328301

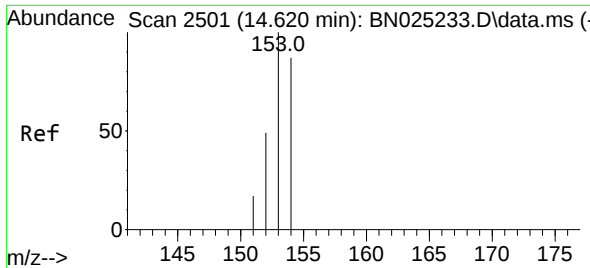
Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

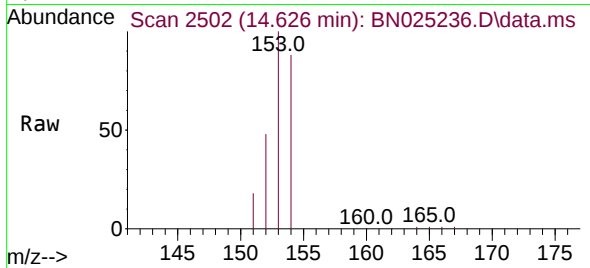
153 14.0 10.8 16.2





#11
Acenaphthene
Concen: 2.716 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. 0.005 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

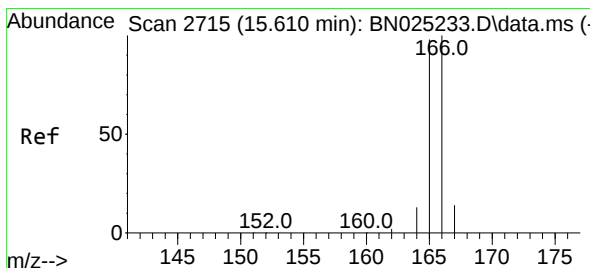
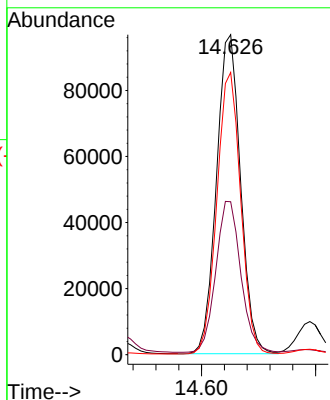
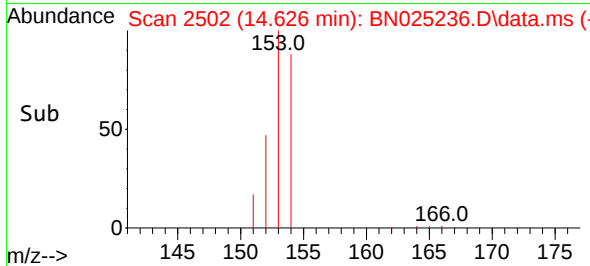
Instrument :
BNA_N
ClientSampleId :
EW928



Tgt Ion:153 Resp: 141840
Ion Ratio Lower Upper
153 100
152 47.8 40.2 60.4
154 88.2 69.4 104.2

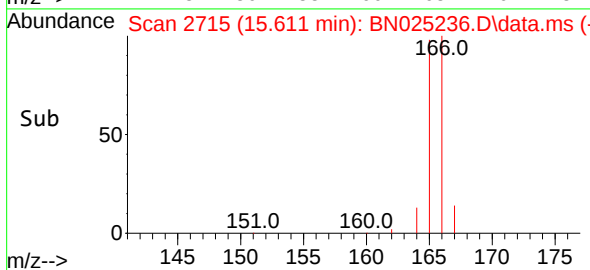
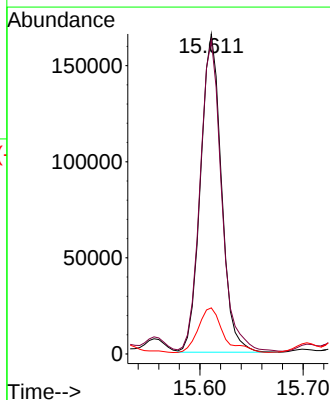
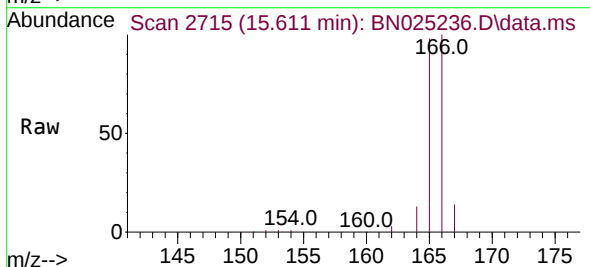
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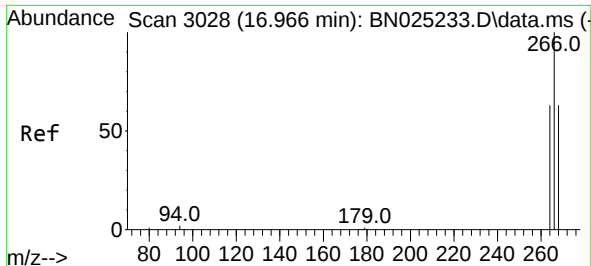
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 3.974 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

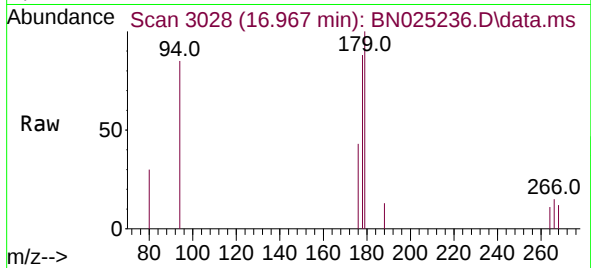
Tgt Ion:166 Resp: 232060
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 14.4 11.0 16.6





#14
Pentachlorophenol
Concen: 0.062 ng/ul
RT: 16.967 min Scan# 3028
Delta R.T. 0.001 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

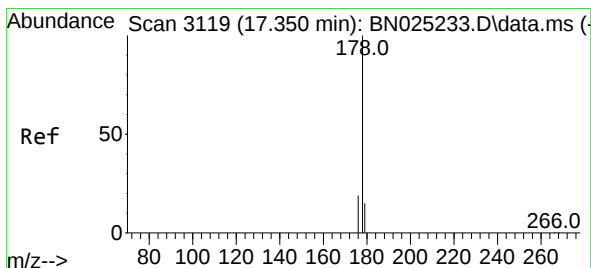
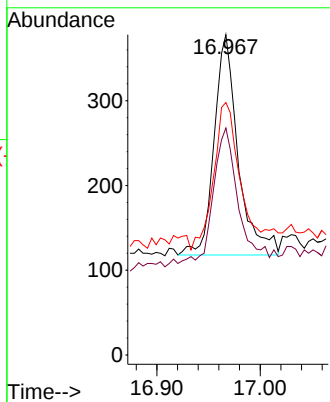
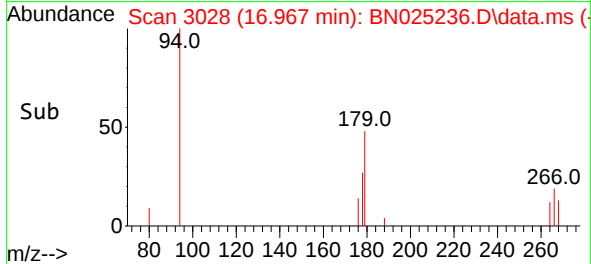
Instrument :
BNA_N
ClientSampleId :
EW928



Tgt Ion:266 Resp: 419
Ion Ratio Lower Upper
266 100
264 66.6 49.6 74.4
268 78.8 51.3 76.9

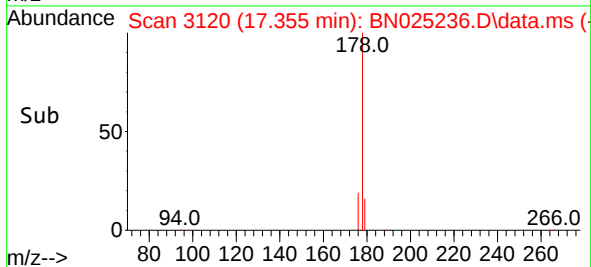
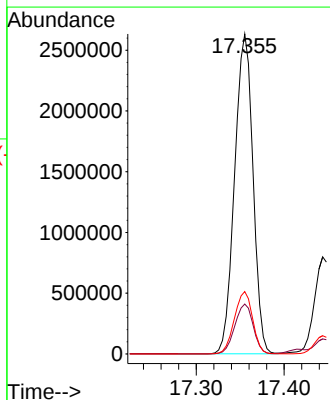
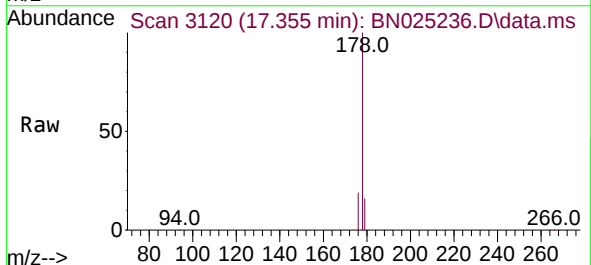
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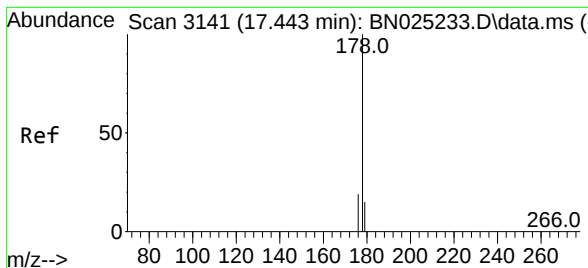
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#15
Phenanthrene
Concen: 39.617 ng/ul
RT: 17.355 min Scan# 3120
Delta R.T. 0.005 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

Tgt Ion:178 Resp: 3824082
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.5 15.6 23.4





#16

Anthracene

Concen: 14.060 ng/ul

RT: 17.444 min Scan# 3141

Delta R.T. 0.001 min

Lab File: BN025236.D

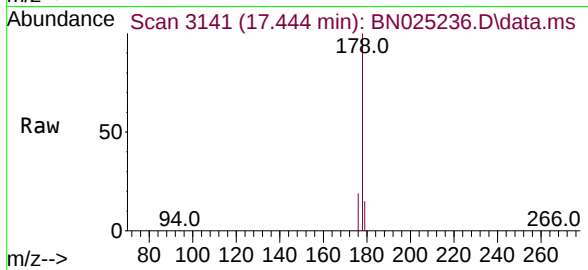
Acq: 03 May 2023 11:47

Instrument :

BNA_N

ClientSampleId :

EW928



Tgt Ion:178 Resp: 1110260

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

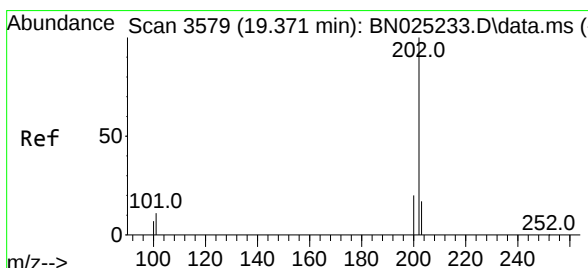
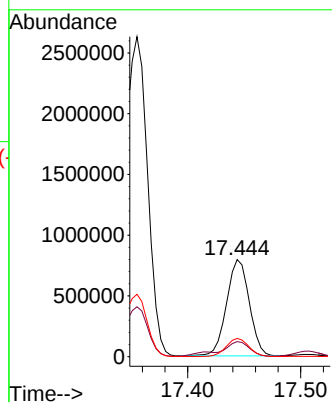
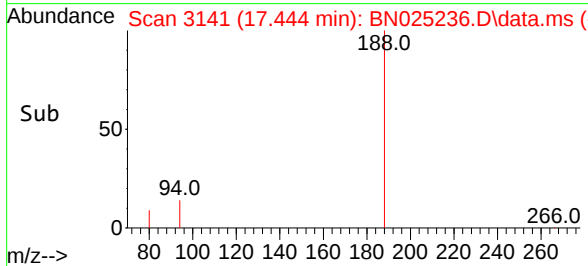
176 18.8 15.3 22.9

Manual Integrations

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#19

Fluoranthene

Concen: 63.386 ng/ul

RT: 19.377 min Scan# 3580

Delta R.T. 0.005 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

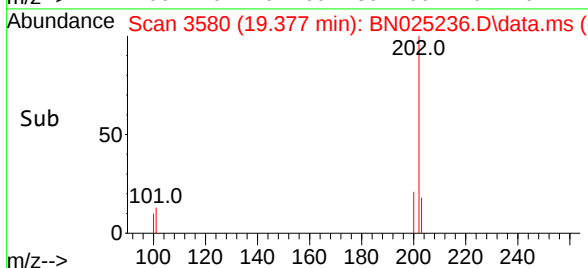
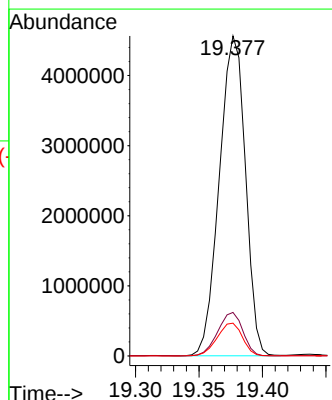
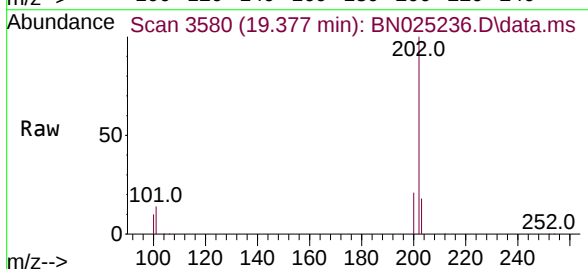
Tgt Ion:202 Resp: 6508395

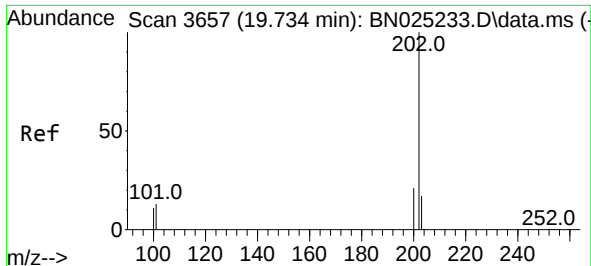
Ion Ratio Lower Upper

202 100

101 13.6 9.7 14.5

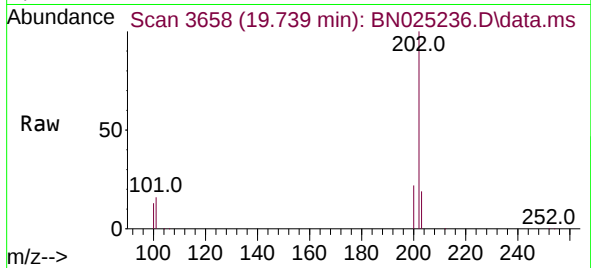
100 10.3 7.3 10.9





#20
Pyrene
Concen: 57.533 ng/ul
RT: 19.739 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

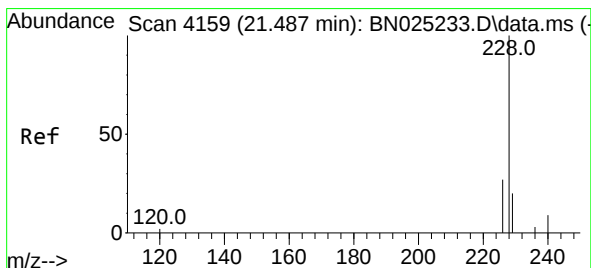
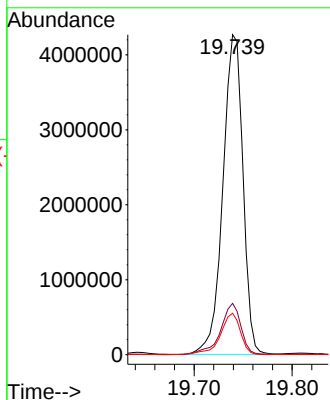
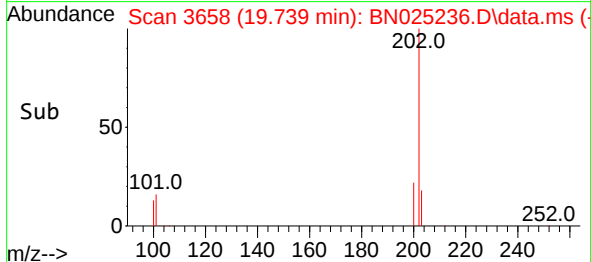
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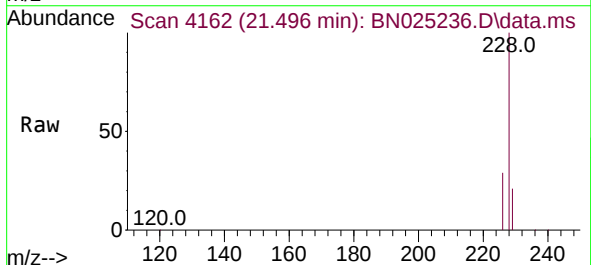
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Ion Ratio Lower Upper
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101 16.1 11.3 16.9
100 12.9 9.2 13.8

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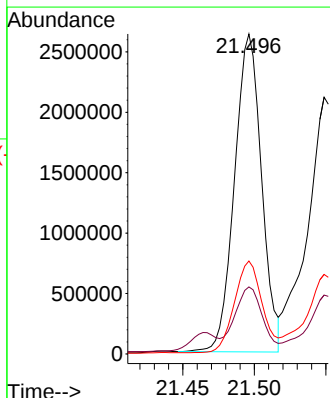
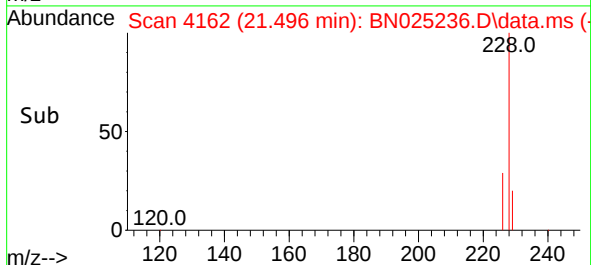
Reviewed By :Christian Giraldo 05/04/2023
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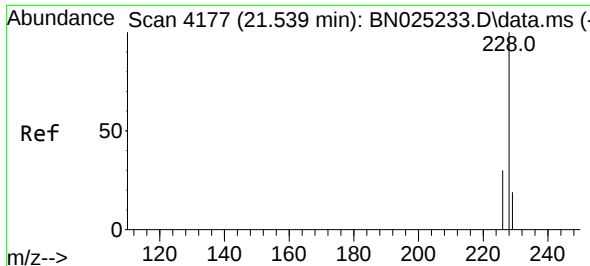


#21
Benzo(a)anthracene
Concen: 40.462 ng/ul
RT: 21.496 min Scan# 4162
Delta R.T. 0.010 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47



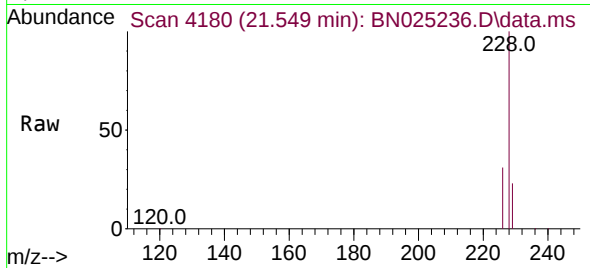
Tgt Ion:228 Resp: 3461982
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 29.0 22.1 33.1





#22
Chrysene
Concen: 34.735 ng/ul
RT: 21.549 min Scan# 4177
Delta R.T. 0.010 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

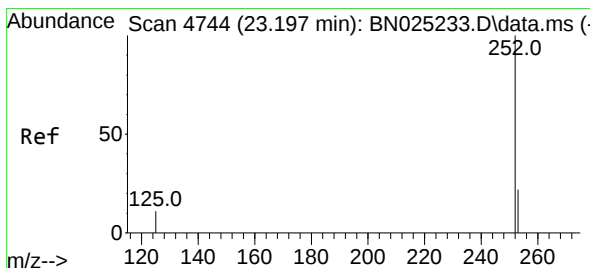
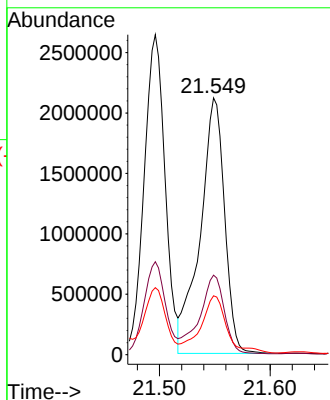
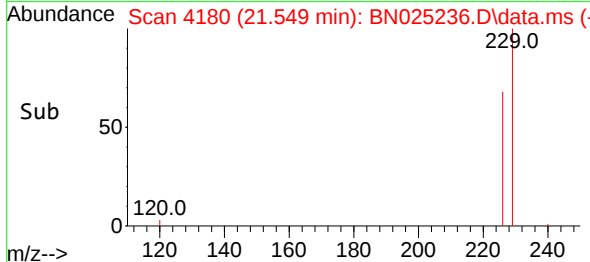
Instrument :
BNA_N
ClientSampleId :
EW928



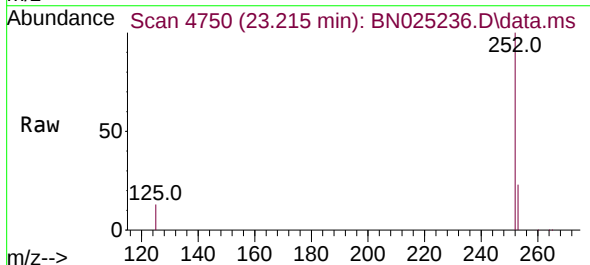
Tgt Ion:228 Resp: 324204
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.9 15.8 23.6

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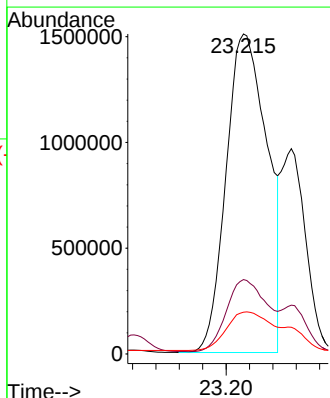
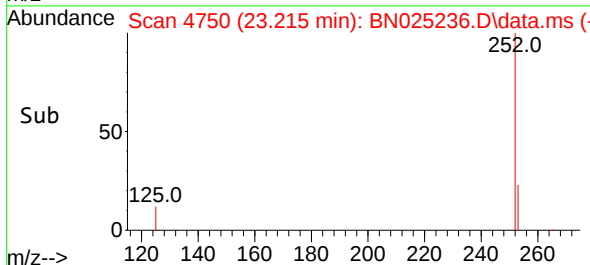
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

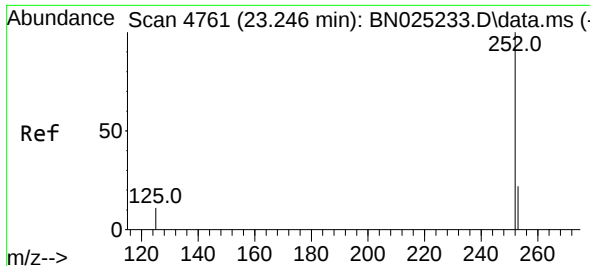


#24
Benzo(b)fluoranthene
Concen: 38.432 ng/ul m
RT: 23.215 min Scan# 4750
Delta R.T. 0.018 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47



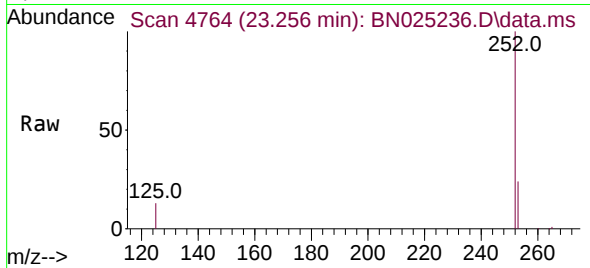
Tgt Ion:252 Resp: 3678428
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 13.1 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 15.187 ng/ul m
RT: 23.256 min Scan# 4761
Delta R.T. 0.010 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

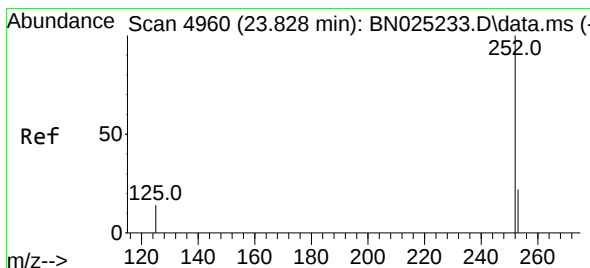
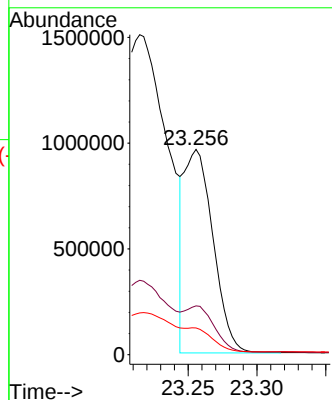
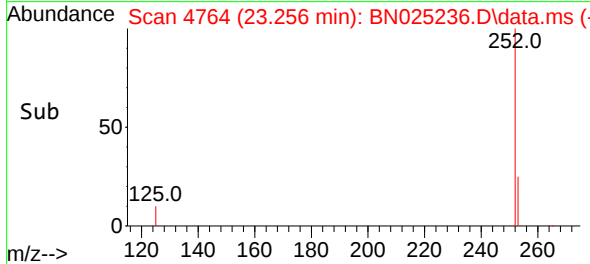
Instrument :
BNA_N
ClientSampleId :
EW928



Tgt Ion:252 Resp: 1398205
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.4
125 13.0 11.8 17.8

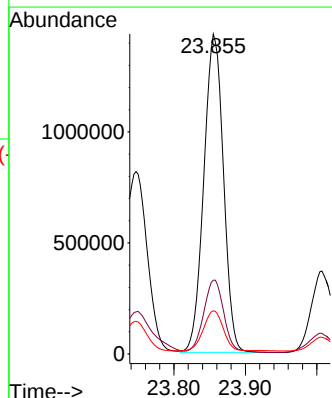
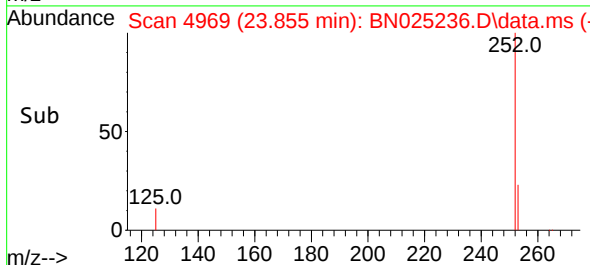
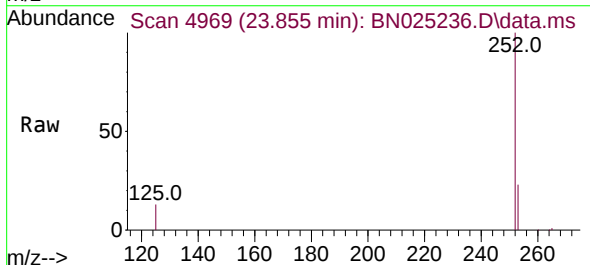
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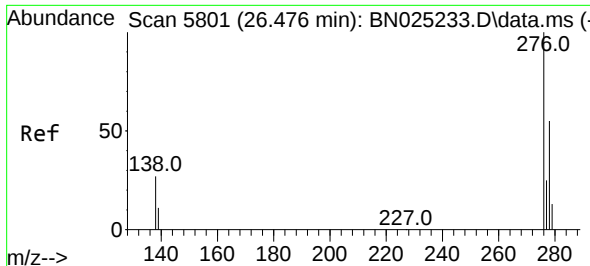
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#26
Benzo(a)pyrene
Concen: 34.682 ng/ul
RT: 23.855 min Scan# 4969
Delta R.T. 0.027 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

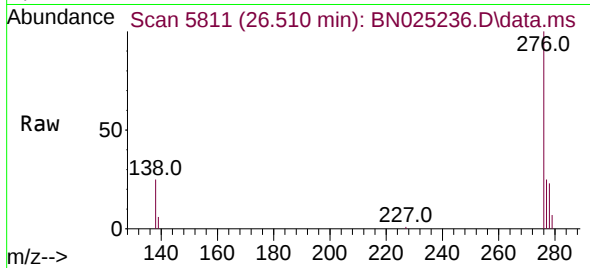
Tgt Ion:252 Resp: 2746496
Ion Ratio Lower Upper
252 100
253 23.0 21.4 32.2
125 13.5 14.6 22.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 17.689 ng/ul
RT: 26.510 min Scan# 5811
Delta R.T. 0.034 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

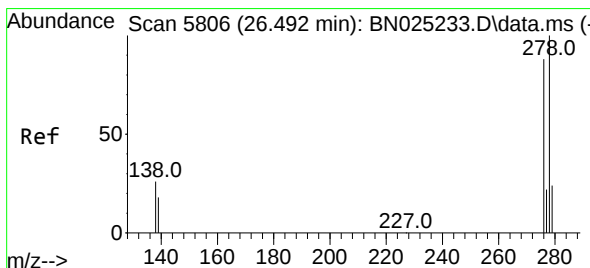
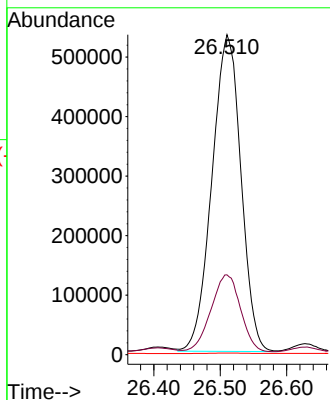
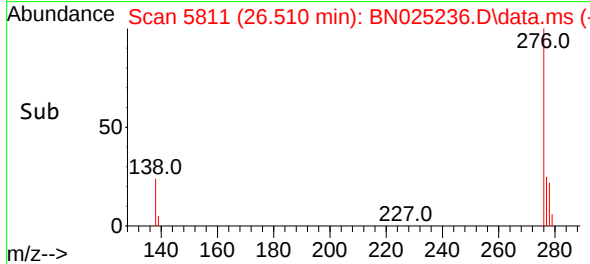
Instrument :
BNA_N
ClientSampleId :
EW928



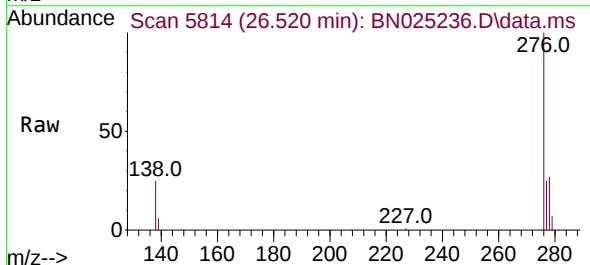
Tgt Ion:276 Resp: 161397
Ion Ratio Lower Upper
276 100
138 24.7 21.9 32.9
227 0.2 0.1 0.1

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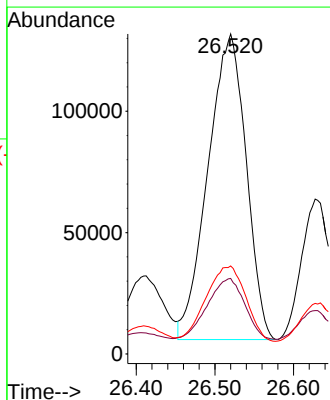
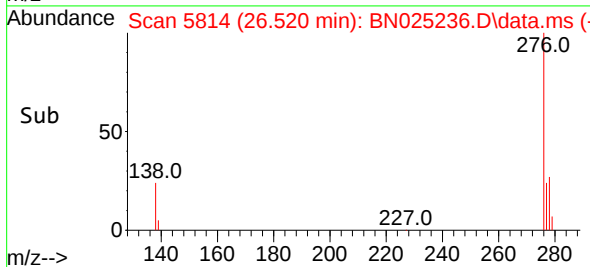
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

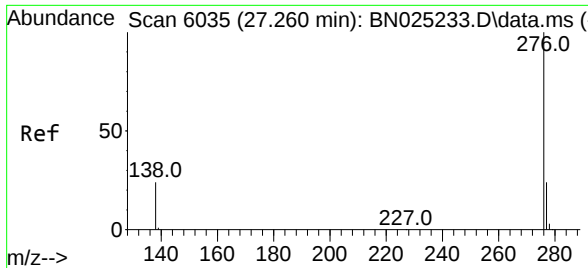


#28
Dibenzo(a,h)anthracene
Concen: 5.954 ng/ul
RT: 26.520 min Scan# 5814
Delta R.T. 0.028 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47



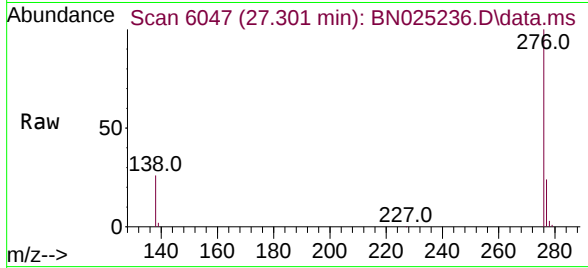
Tgt Ion:278 Resp: 424332
Ion Ratio Lower Upper
278 100
139 23.6 17.0 25.6
279 27.5 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 19.654 ng/ul
 RT: 27.301 min Scan# 6047
 Delta R.T. 0.041 min
 Lab File: BN025236.D
 Acq: 03 May 2023 11:47

Instrument :
 BNA_N
 ClientSampleId :
 EW928



Tgt Ion:276 Resp: 1524770
 Ion Ratio Lower Upper
 276 100
 138 25.5 20.3 30.5
 277 24.4 19.8 29.6

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

