

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025174.D
 Acq On : 27 Apr 2023 13:00
 Operator : CG/JU
 Sample : 02418-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: Apr 28 01:20:25 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 : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8808	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.725	136	29150	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	18846	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	39430	0.400	ng/ul	0.00
17) Chrysene-d12	21.507	240	27818	0.400	ng/ul	# 0.00
23) Perylene-d12	23.945	264	28082	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	26784	2.937	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.309	152	8983	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	21835	0.298	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.774	128	124419	1.666	ng/ul	99
7) 2-Methylnaphthalene	12.386	142	64250	1.404	ng/ul	99
8) 1-Methylnaphthalene	12.606	142	66826	1.370	ng/ul	100
10) Acenaphthylene	14.278	152	298649	4.254	ng/ul	100
11) Acenaphthene	14.621	153	202812	3.427	ng/ul	99
12) Fluorene	15.606	166	298321	4.509	ng/ul	99
14) Pentachlorophenol	16.962	266	905	0.117	ng/ul	98
15) Phenanthrene	17.351	178	5459548	49.054	ng/ul	99
16) Anthracene	17.439	178	945972	10.390	ng/ul	99
19) Fluoranthene	19.372	202	7236433	71.936	ng/ul	95
20) Pyrene	19.739	202	6630871	64.156	ng/ul	98
21) Benzo(a)anthracene	21.490	228	2684176	32.021	ng/ul	97
22) Chrysene	21.543	228	2963915	32.413	ng/ul	98
24) Benzo(b)fluoranthene	23.206	252	3381405m	29.679	ng/ul	
25) Benzo(k)fluoranthene	23.244	252	1242755m	11.340	ng/ul	
26) Benzo(a)pyrene	23.843	252	2266419	24.043	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.483	276	1564488	14.405	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.493	278	372160	4.387	ng/ul	98
29) Benzo(g,h,i)perylene	27.261	276	1327497	14.374	ng/ul	99

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

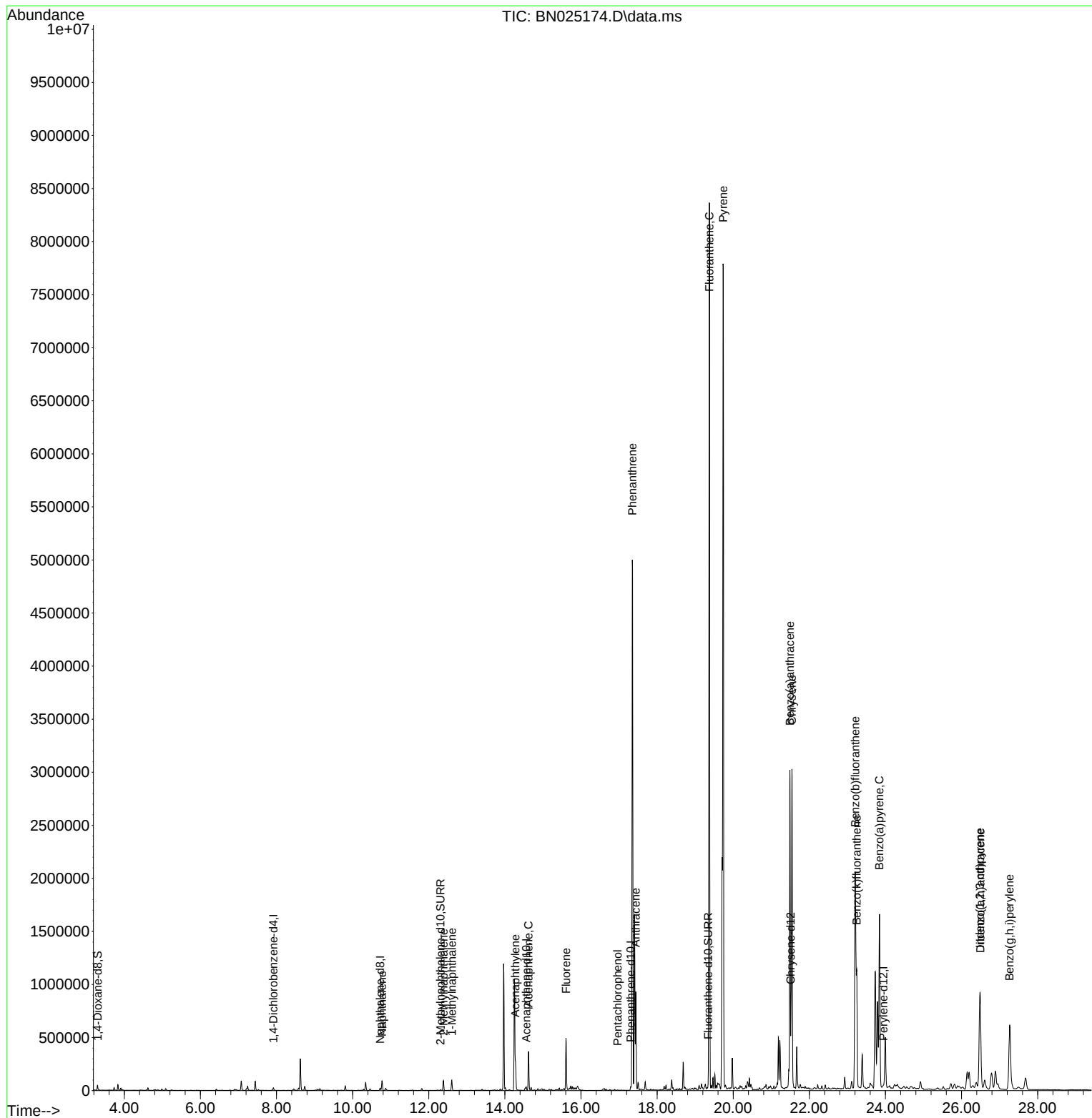
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025174.D
Acq On : 27 Apr 2023 13:00
Operator : CG/JU
Sample : 02418-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

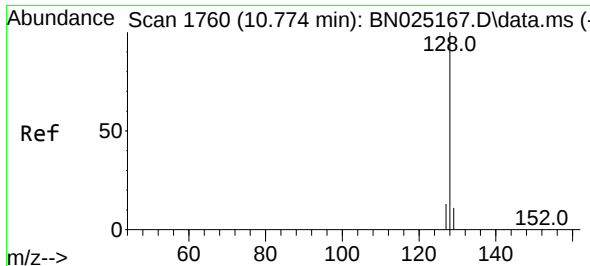
Instrument :
BNA_N
ClientSampleId :
EW8Z5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/28/2023
Supervised By : Jagrut Upadhyay 05/01/2023

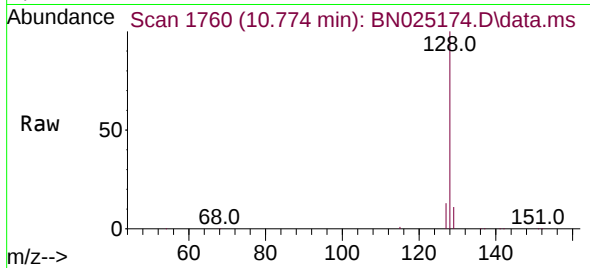
Quant Time: Apr 28 01:20:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.666 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

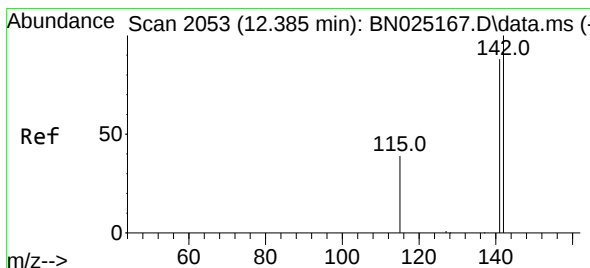
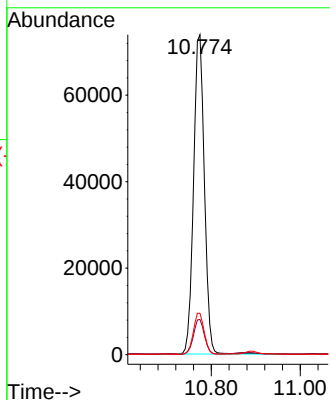
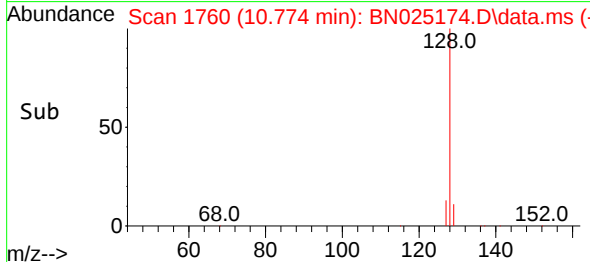
Instrument :
BNA_N
ClientSampleId :
EW8Z5



Tgt Ion:128 Resp: 124419
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.7 16.1

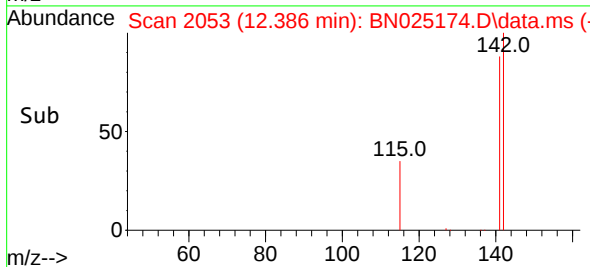
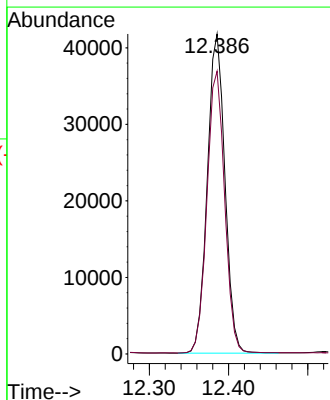
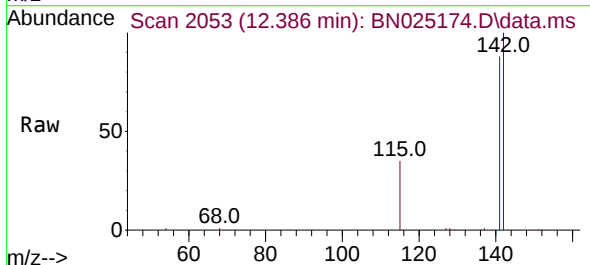
Manual Integrations
APPROVED

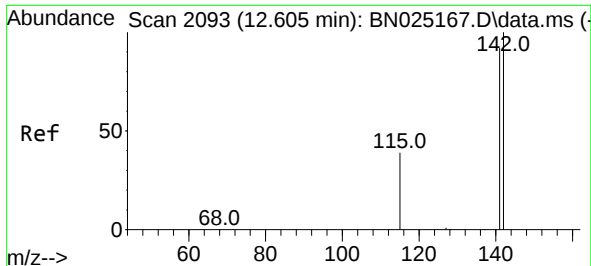
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 1.404 ng/ul
RT: 12.386 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

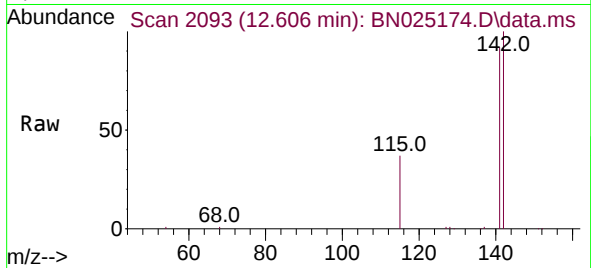
Tgt Ion:142 Resp: 64250
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0





#8
1-Methylnaphthalene
Concen: 1.370 ng/ul
RT: 12.606 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

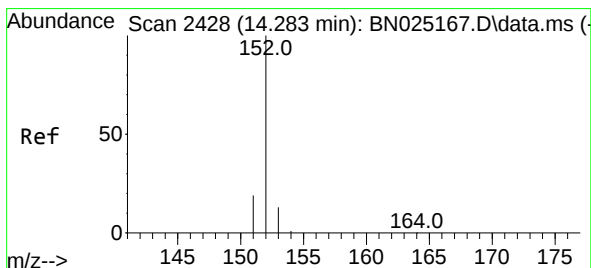
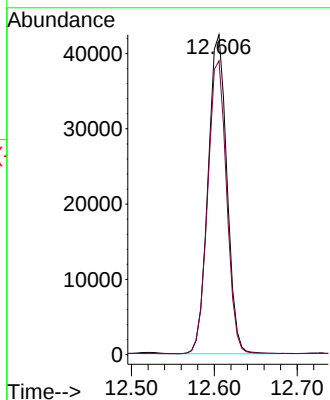
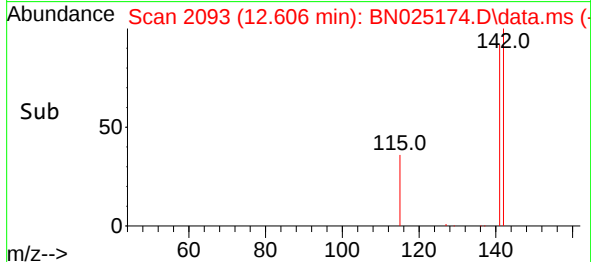
Instrument :
BNA_N
ClientSampleId :
EW8Z5



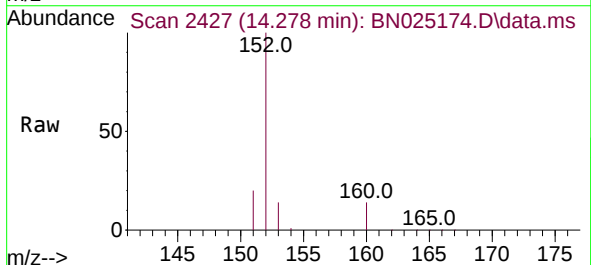
Tgt Ion:142 Resp: 66820
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6

Manual Integrations
APPROVED

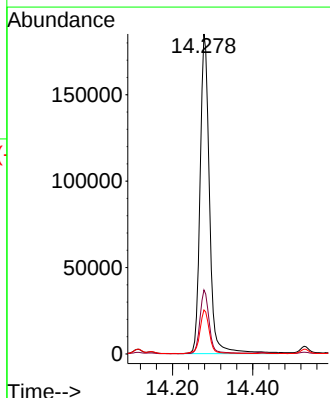
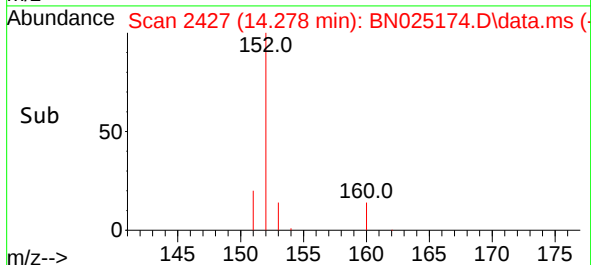
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

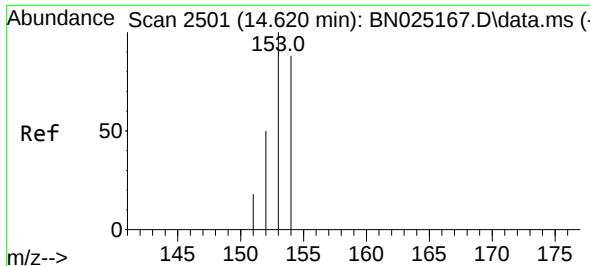


#10
Acenaphthylene
Concen: 4.254 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00



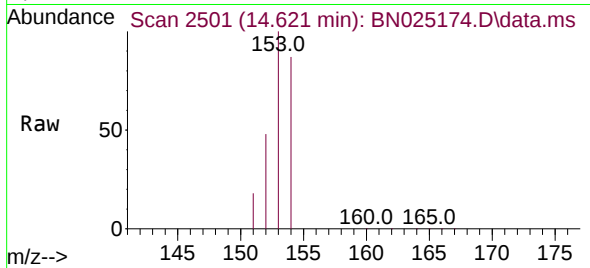
Tgt Ion:152 Resp: 298649
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.8 10.8 16.2





#11
Acenaphthene
Concen: 3.427 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

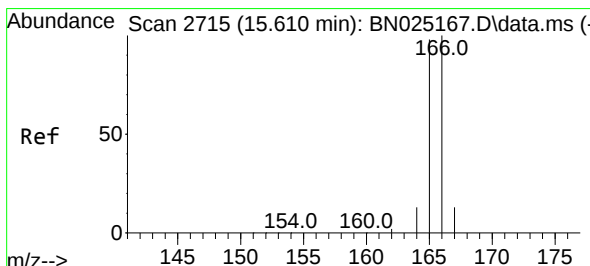
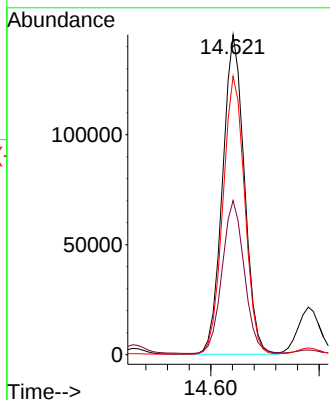
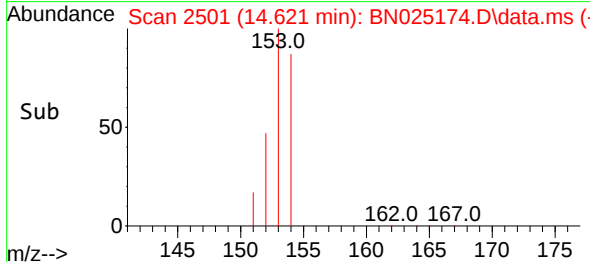
Instrument :
BNA_N
ClientSampleId :
EW8Z5



Tgt Ion:153 Resp: 202812
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 87.0 69.4 104.2

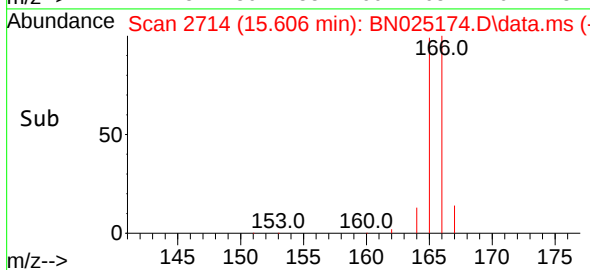
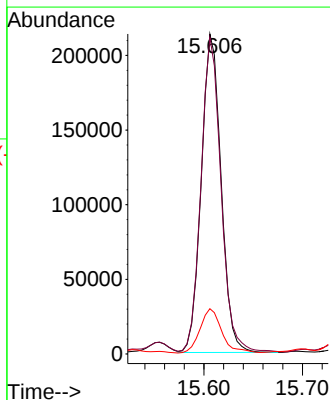
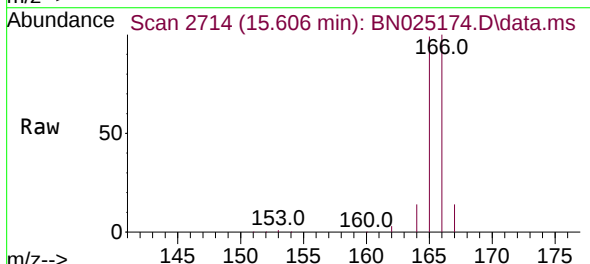
Manual Integrations
APPROVED

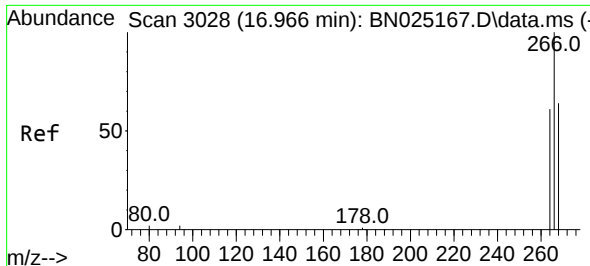
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 4.509 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

Tgt Ion:166 Resp: 298321
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 14.1 11.0 16.6





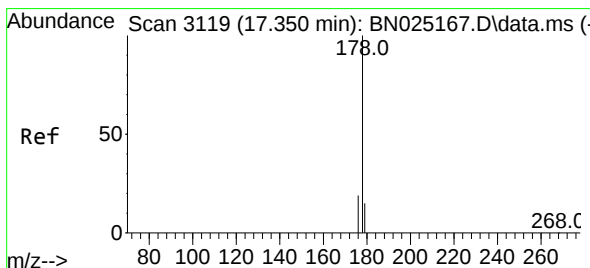
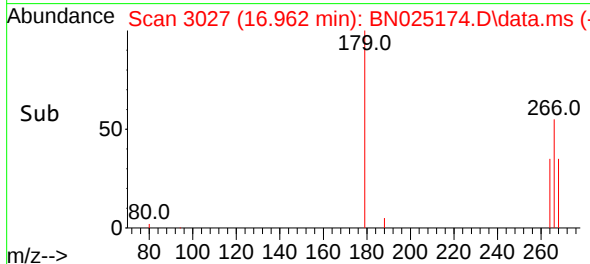
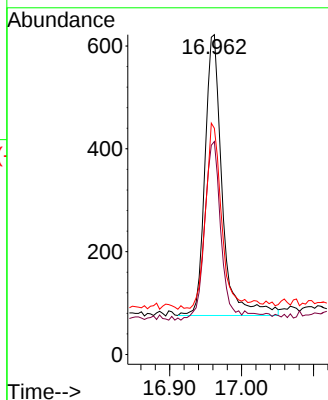
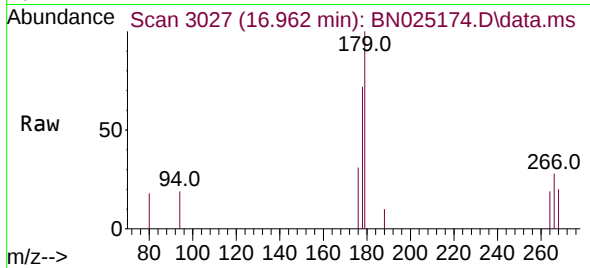
#14
Pentachlorophenol
Concen: 0.117 ng/ul
RT: 16.962 min Scan# 3028
Delta R.T. -0.004 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

Instrument :
BNA_N
ClientSampleId :
EW8Z5

Tgt Ion:266 Resp: 905
Ion Ratio Lower Upper
266 100
264 63.9 49.6 74.4
268 62.2 51.3 76.9

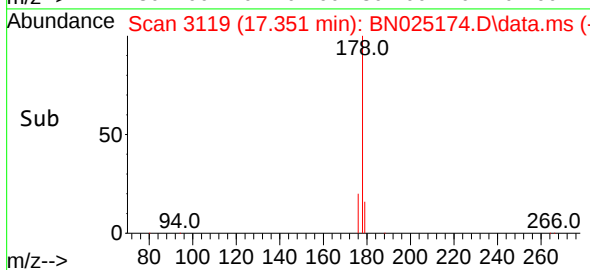
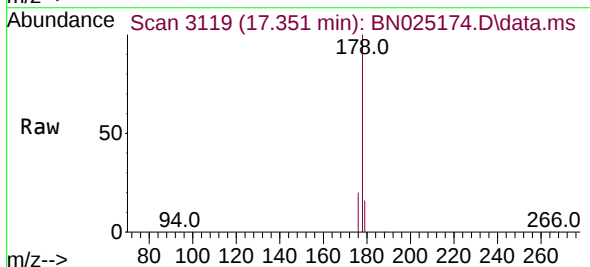
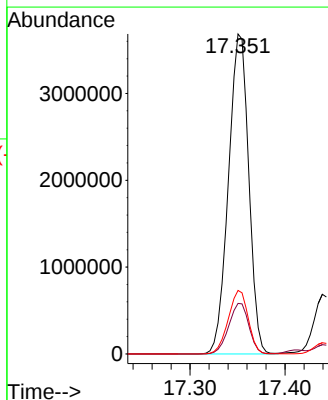
Manual Integrations
APPROVED

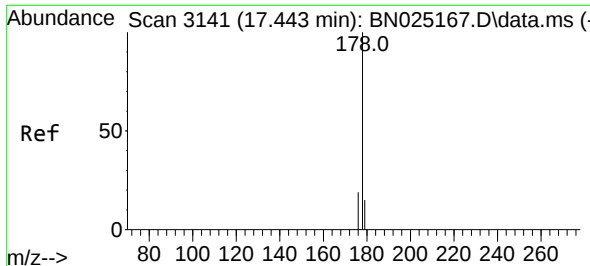
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#15
Phenanthrene
Concen: 49.054 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

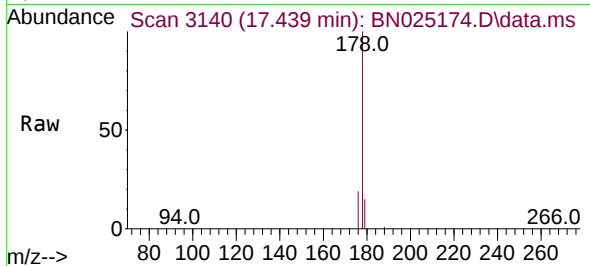
Tgt Ion:178 Resp: 5459548
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.8 15.6 23.4





#16
 Anthracene
 Concen: 10.390 ng/ul
 RT: 17.439 min Scan# 3140
 Delta R.T. -0.004 min
 Lab File: BN025174.D
 Acq: 27 Apr 2023 13:00

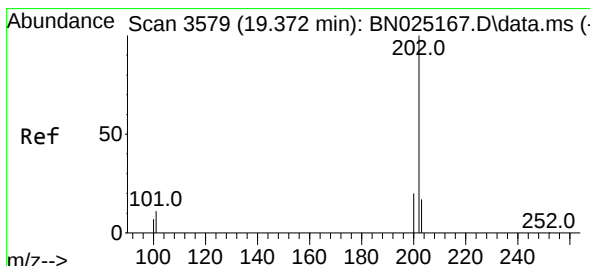
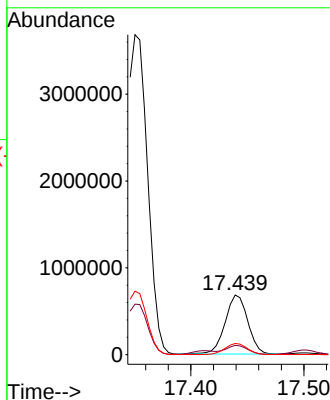
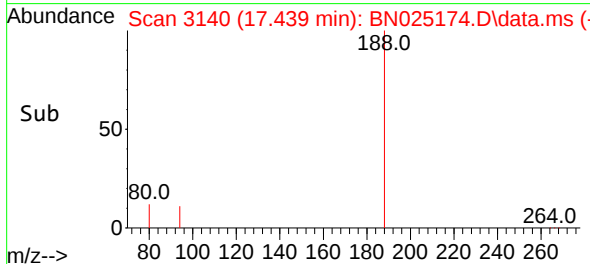
Instrument :
 BNA_N
 ClientSampleId :
 EW8Z5



Tgt Ion:178 Resp: 945972
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.7 19.1
 176 18.7 15.3 22.9

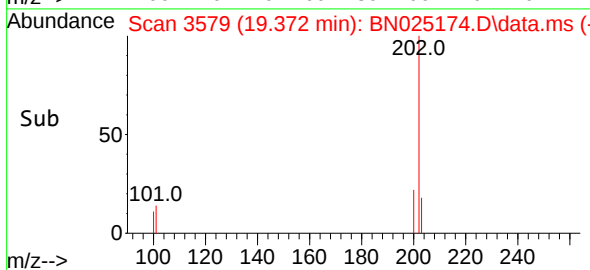
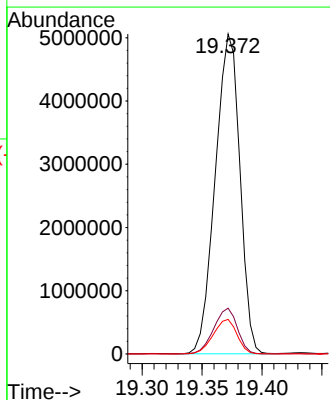
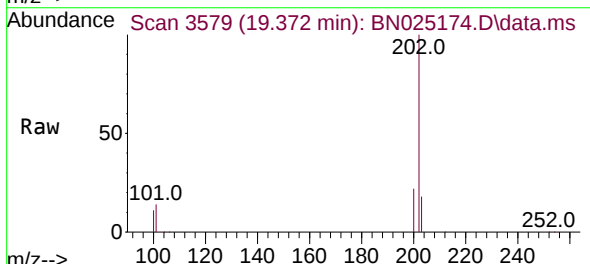
Manual Integrations
 APPROVED

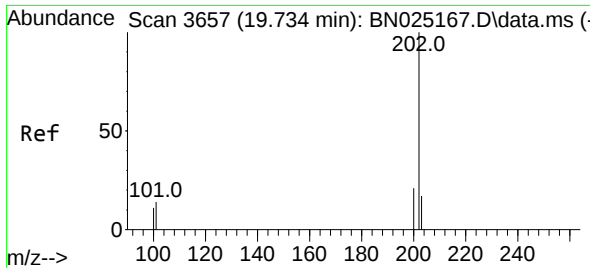
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#19
 Fluoranthene
 Concen: 71.936 ng/ul
 RT: 19.372 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN025174.D
 Acq: 27 Apr 2023 13:00

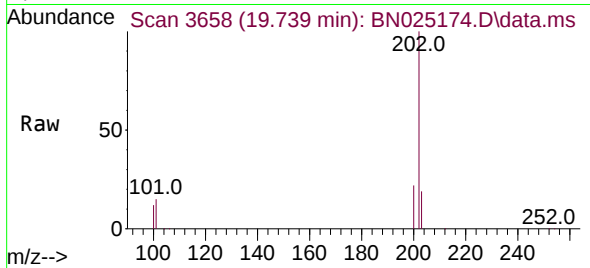
Tgt Ion:202 Resp: 7236433
 Ion Ratio Lower Upper
 202 100
 101 14.3 9.7 14.5
 100 10.8 7.3 10.9





#20
Pyrene
Concen: 64.156 ng/u1
RT: 19.739 min Scan# 3658
Delta R.T. 0.005 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

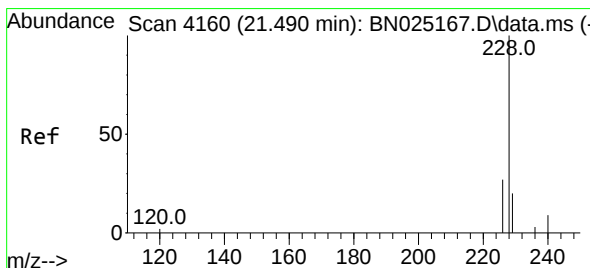
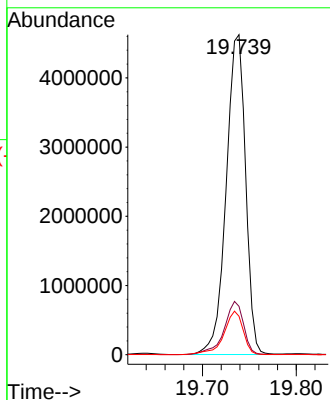
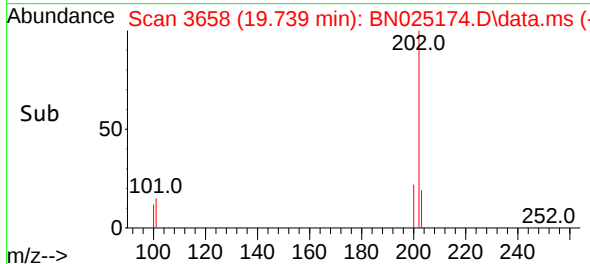
Instrument :
BNA_N
ClientSampleId :
EW8Z5



Tgt Ion:202 Resp: 663087
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.0 9.2 13.8

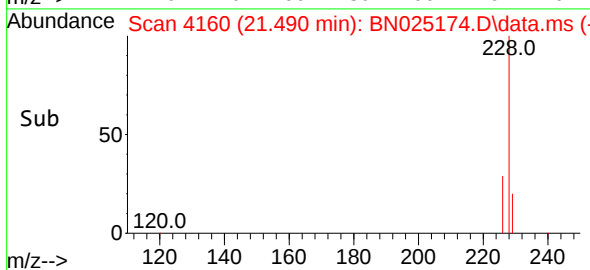
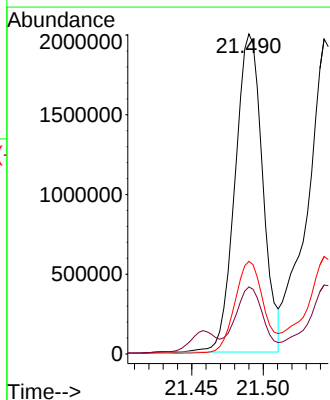
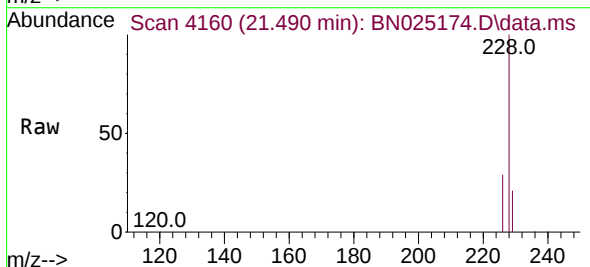
Manual Integrations
APPROVED

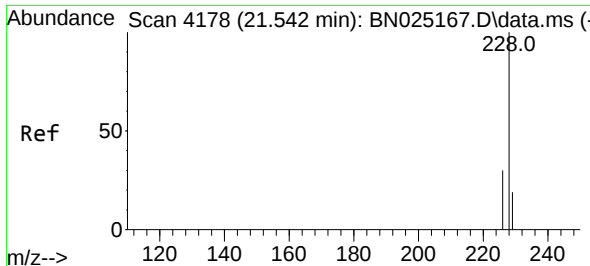
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#21
Benzo(a)anthracene
Concen: 32.021 ng/u1
RT: 21.490 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

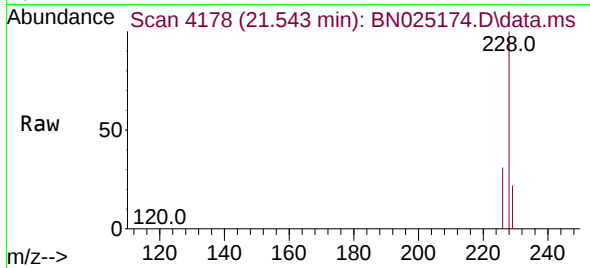
Tgt Ion:228 Resp: 2684176
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 29.0 22.1 33.1





#22
Chrysene
Concen: 32.413 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. 0.000 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

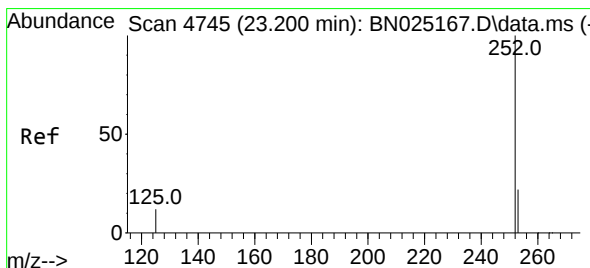
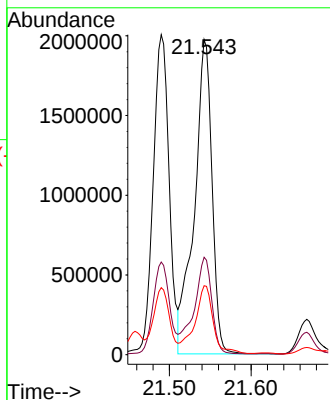
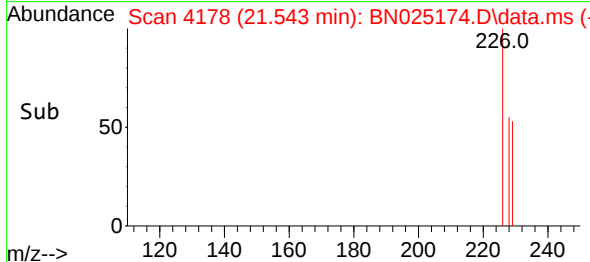
Instrument :
BNA_N
ClientSampleId :
EW8Z5



Tgt Ion:228 Resp: 2963915
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.9 15.8 23.6

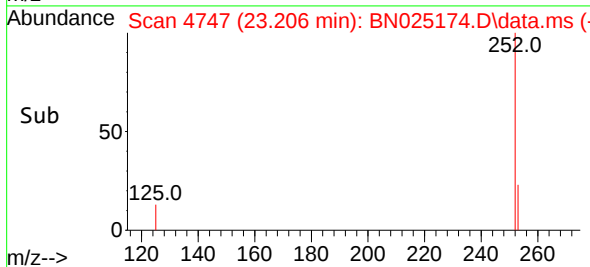
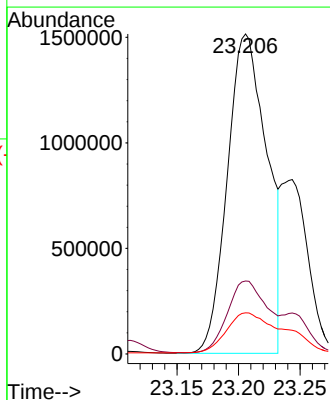
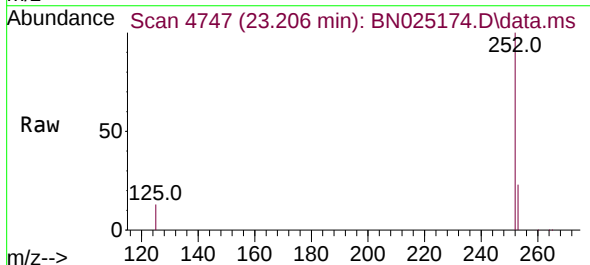
Manual Integrations
APPROVED

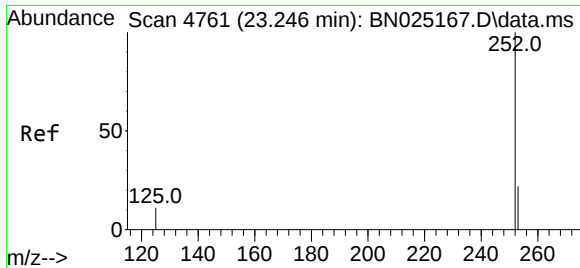
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#24
Benzo(b)fluoranthene
Concen: 29.679 ng/ul m
RT: 23.206 min Scan# 4747
Delta R.T. 0.006 min
Lab File: BN025174.D
Acq: 27 Apr 2023 13:00

Tgt Ion:252 Resp: 3381405
Ion Ratio Lower Upper
252 100
253 22.8 0.0 50.2
125 12.8 0.0 30.4





#25

Benzo(k)fluoranthene

Concen: 11.340 ng/ul m

RT: 23.244 min Scan# 4761

Delta R.T. -0.003 min

Lab File: BN025174.D

Acq: 27 Apr 2023 13:00

Instrument :

BNA_N

ClientSampleId :

EW8Z5

Tgt Ion:252 Resp: 124275

Ion Ratio Lower Upper

252 100

253 23.5 20.2 30.4

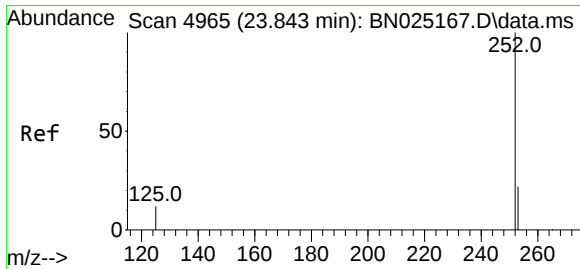
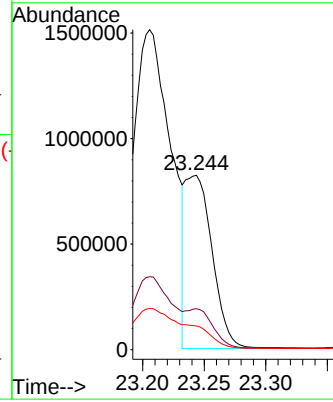
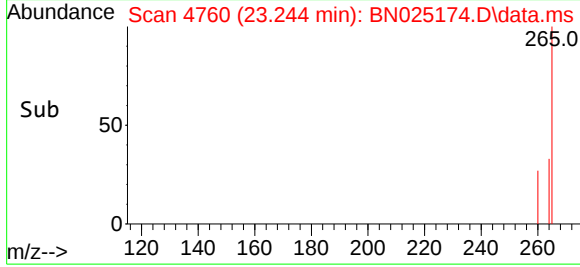
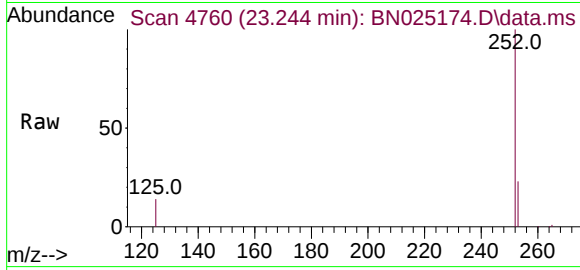
125 13.6 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#26

Benzo(a)pyrene

Concen: 24.043 ng/ul

RT: 23.843 min Scan# 4965

Delta R.T. 0.000 min

Lab File: BN025174.D

Acq: 27 Apr 2023 13:00

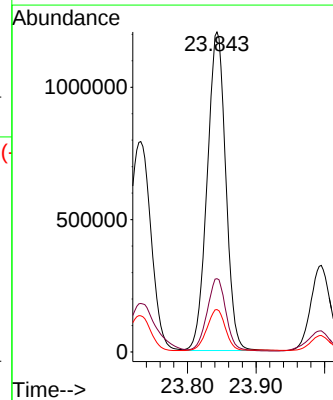
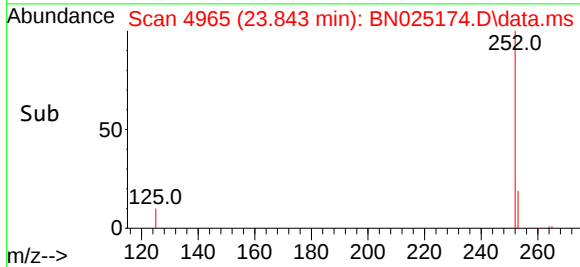
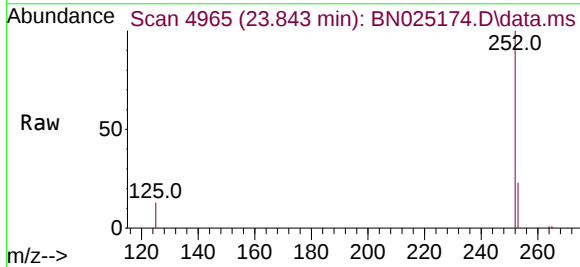
Tgt Ion:252 Resp: 2266419

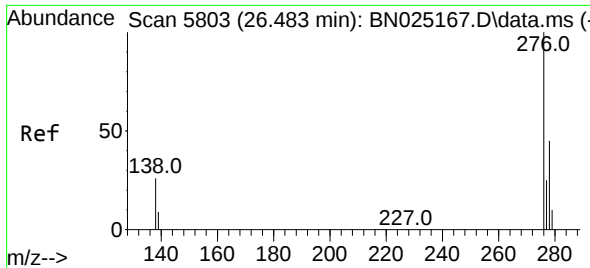
Ion Ratio Lower Upper

252 100

253 22.9 21.4 32.2

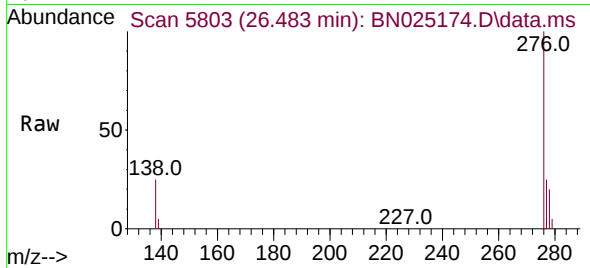
125 13.3 14.6 22.0#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 14.405 ng/ul
 RT: 26.483 min Scan# 5803
 Delta R.T. 0.000 min
 Lab File: BN025174.D
 Acq: 27 Apr 2023 13:00

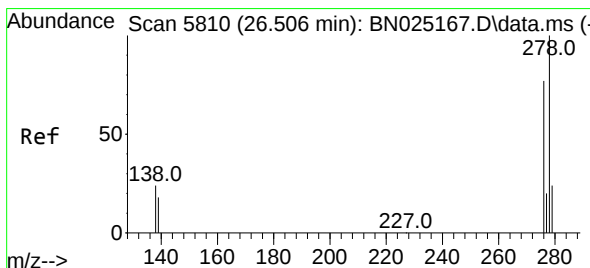
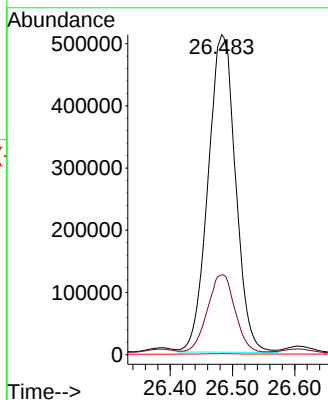
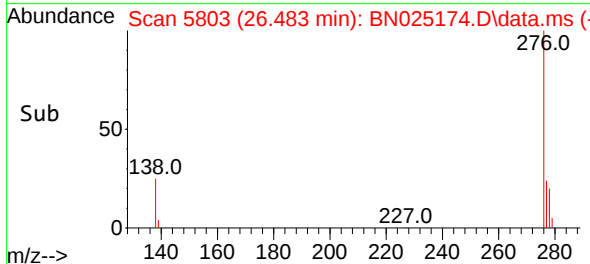
Instrument :
 BNA_N
 ClientSampleId :
 EW8Z5



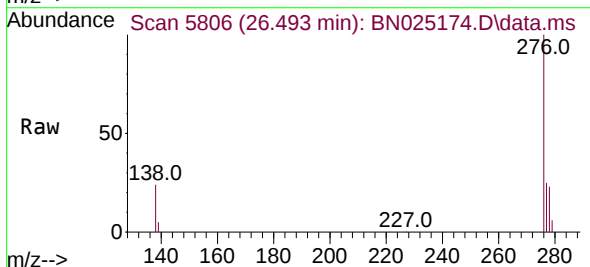
Tgt Ion:276 Resp: 156448
 Ion Ratio Lower Upper
 276 100
 138 24.7 21.9 32.9
 227 0.4 0.1 0.1

Manual Integrations
 APPROVED

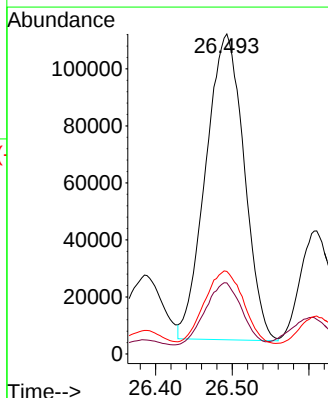
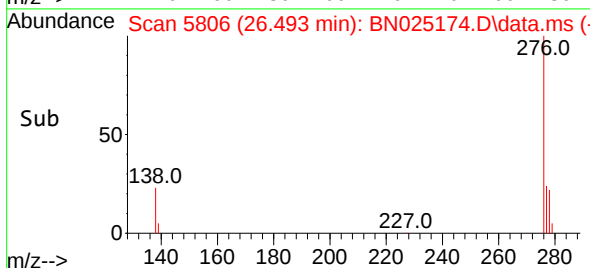
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

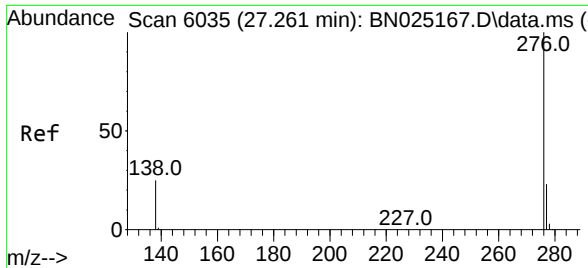


#28
 Dibenzo(a,h)anthracene
 Concen: 4.387 ng/ul
 RT: 26.493 min Scan# 5806
 Delta R.T. -0.013 min
 Lab File: BN025174.D
 Acq: 27 Apr 2023 13:00



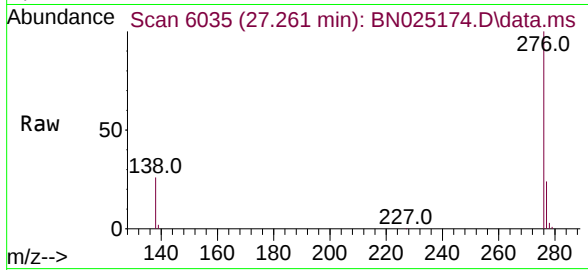
Tgt Ion:278 Resp: 372160
 Ion Ratio Lower Upper
 278 100
 139 22.2 17.0 25.6
 279 25.8 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 14.374 ng/ul
 RT: 27.261 min Scan# 6035
 Delta R.T. 0.000 min
 Lab File: BN025174.D
 Acq: 27 Apr 2023 13:00

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z5



Tgt Ion:276 Resp: 132749
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.3 30.5
 277 23.9 19.8 29.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

