

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025173.D
 Acq On : 27 Apr 2023 12:24
 Operator : CG/JU
 Sample : 02418-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Y7

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 01:20:14 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	8535	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	28359	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	18248	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	39047	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	30722	0.400	ng/ul	# 0.00
23) Perylene-d12	23.935	264	33202	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	26611	3.011	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	8083	0.222	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	19828	0.245	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.770	128	104345	1.436	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	46701	1.049	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	44996	0.949	ng/ul	100
10) Acenaphthylene	14.280	152	256331	3.771	ng/ul	99
11) Acenaphthene	14.622	153	222910	3.890	ng/ul	98
12) Fluorene	15.607	166	224295	3.501	ng/ul	99
15) Phenanthrene	17.352	178	4536881	41.164	ng/ul	100
16) Anthracene	17.441	178	1110602	12.318	ng/ul	99
19) Fluoranthene	19.374	202	9814017	88.338	ng/ul#	92
20) Pyrene	19.741	202	9282351	81.320	ng/ul	95
21) Benzo(a)anthracene	21.492	228	4806652	51.921	ng/ul	96
22) Chrysene	21.547	228	4989857	49.410	ng/ul	96
24) Benzo(b)fluoranthene	23.205	252	5777767m	42.892	ng/ul	
25) Benzo(k)fluoranthene	23.243	252	2192517m	16.922	ng/ul	
26) Benzo(a)pyrene	23.833	252	4161565	37.339	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.454	276	2724205	21.214	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.458	278	640325	6.384	ng/ul	98
29) Benzo(g,h,i)perylene	27.229	276	2300534	21.069	ng/ul	99

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

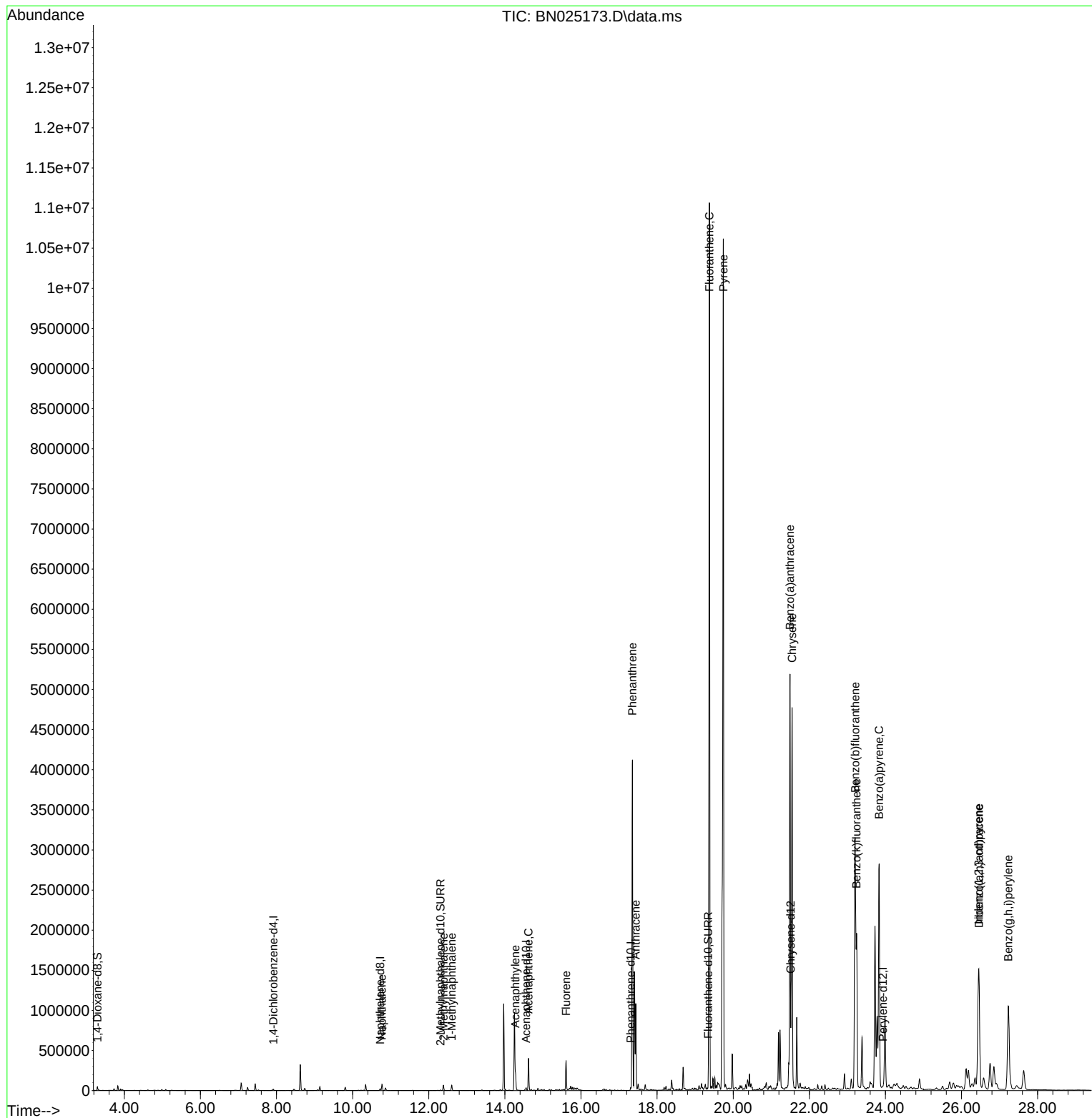
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025173.D
Acq On : 27 Apr 2023 12:24
Operator : CG/JU
Sample : 02418-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

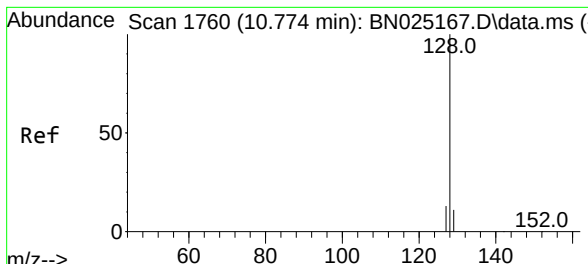
Instrument :
BNA_N
ClientSampleId :
EW8Y7

Manual Integrations
APPROVED

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

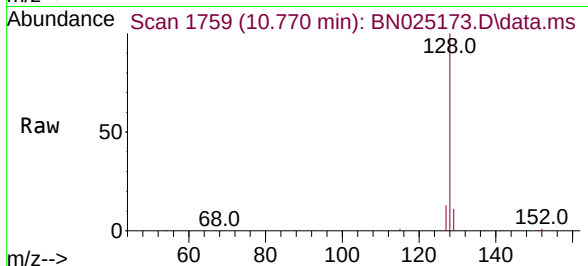
Quant Time: Apr 28 01:20:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.436 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.004 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

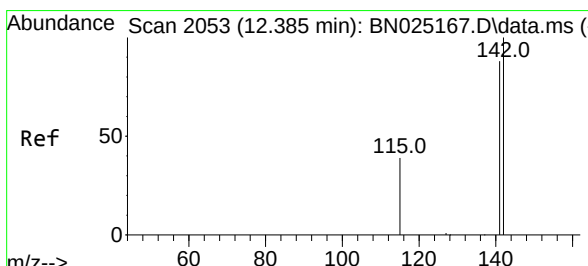
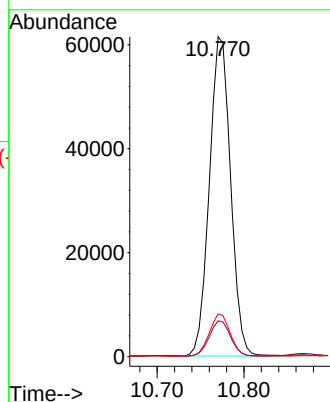
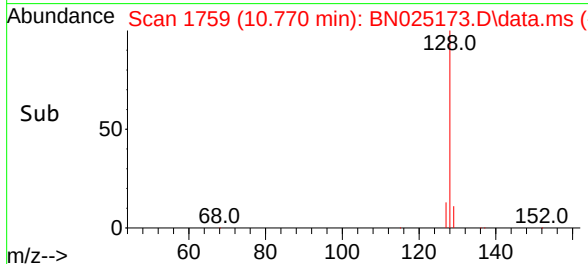
Instrument :
BNA_N
ClientSampleId :
EW8Y7



Tgt Ion:128 Resp: 10434
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.7 16.1

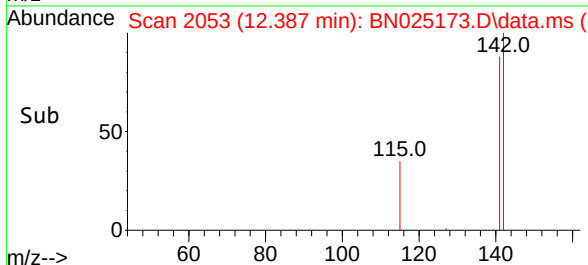
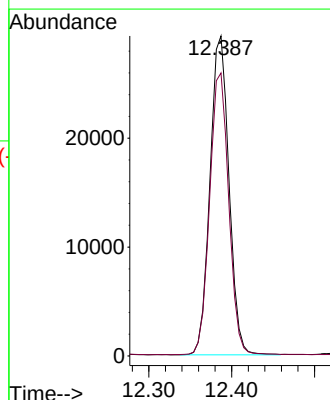
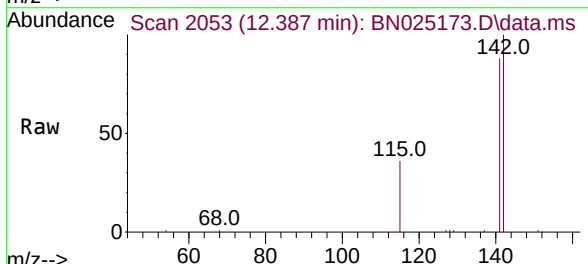
Manual Integrations
APPROVED

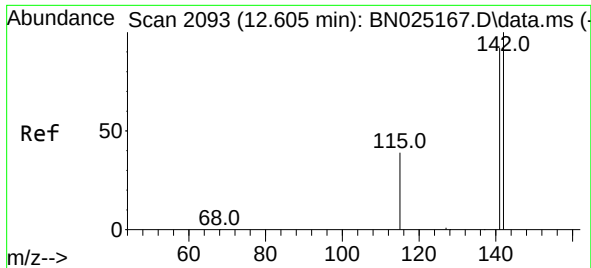
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 1.049 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

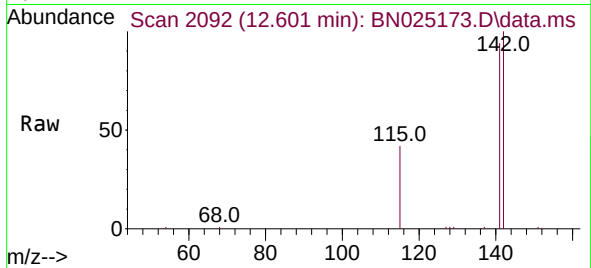
Tgt Ion:142 Resp: 46701
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.949 ng/ul
RT: 12.601 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

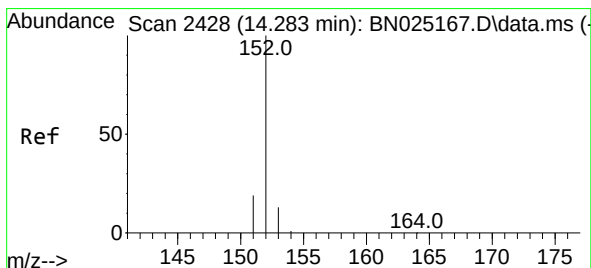
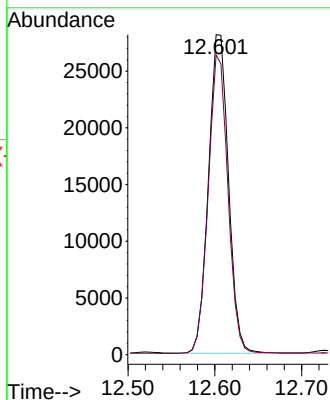
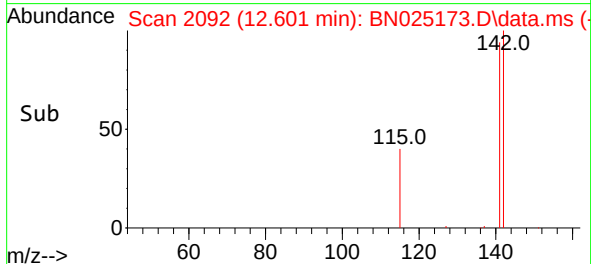
Instrument :
BNA_N
ClientSampleId :
EW8Y7



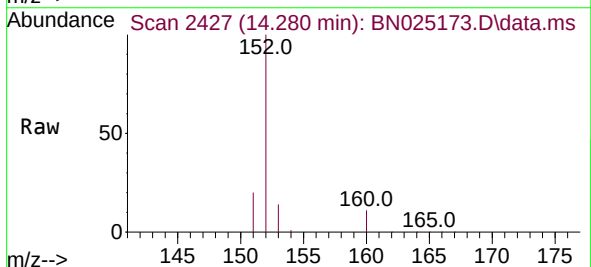
Tgt Ion:142 Resp: 44990
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

Manual Integrations
APPROVED

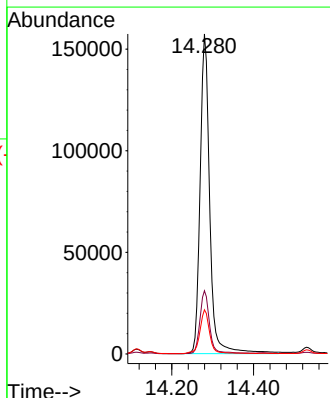
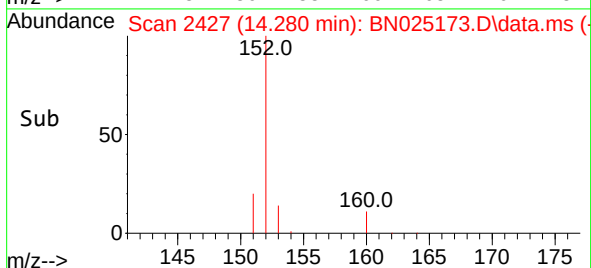
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

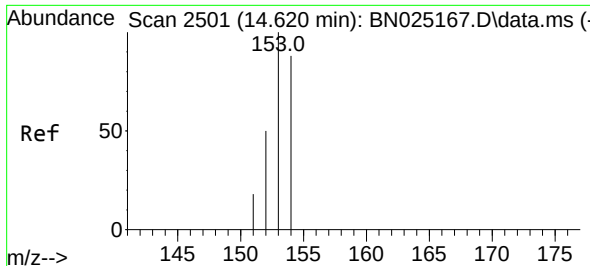


#10
Acenaphthylene
Concen: 3.771 ng/ul
RT: 14.280 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24



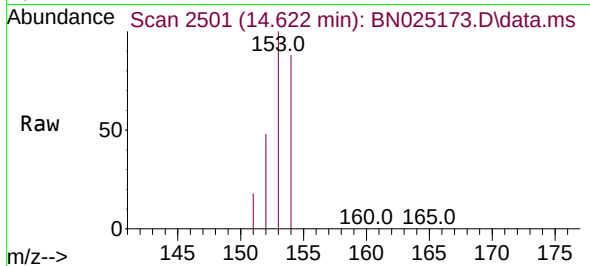
Tgt Ion:152 Resp: 256331
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.8 10.8 16.2





#11
Acenaphthene
Concen: 3.890 ng/u1
RT: 14.622 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

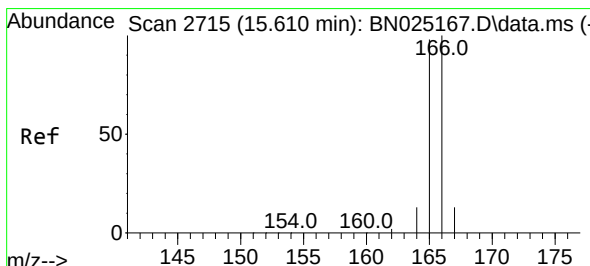
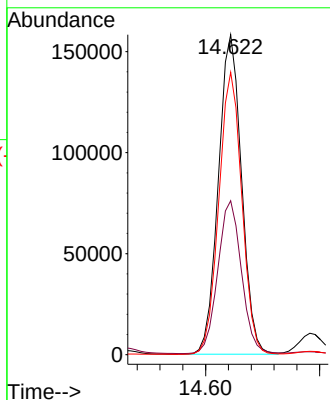
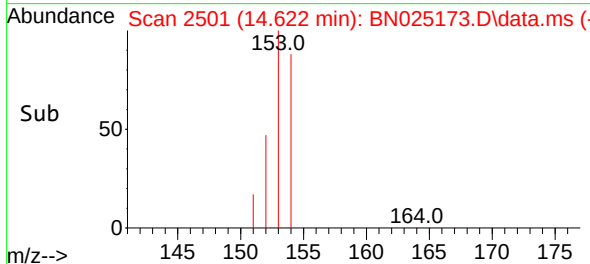
Instrument :
BNA_N
ClientSampleId :
EW8Y7



Tgt Ion:153 Resp: 222910
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 88.2 69.4 104.2

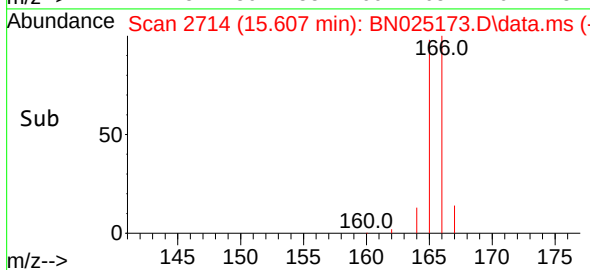
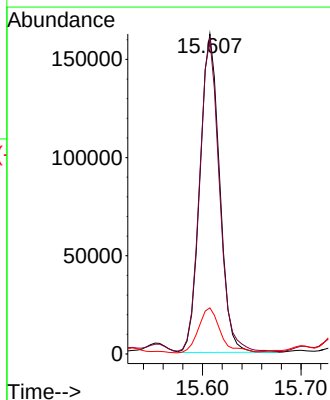
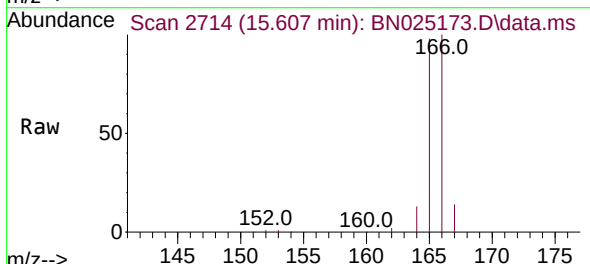
Manual Integrations
APPROVED

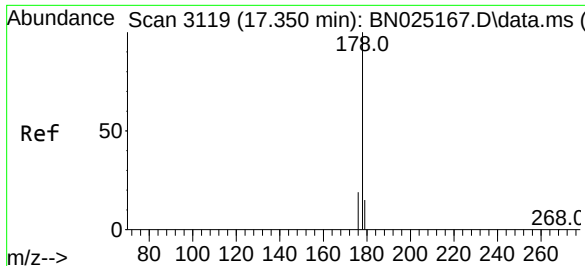
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 3.501 ng/u1
RT: 15.607 min Scan# 2714
Delta R.T. -0.003 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

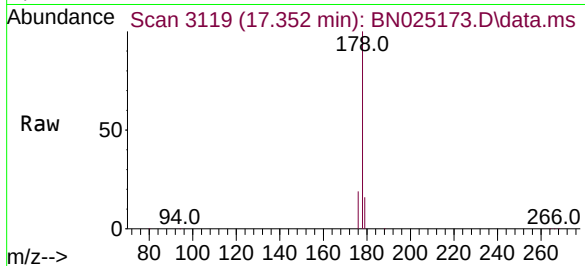
Tgt Ion:166 Resp: 224295
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 14.4 11.0 16.6





#15
Phenanthrene
Concen: 41.164 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

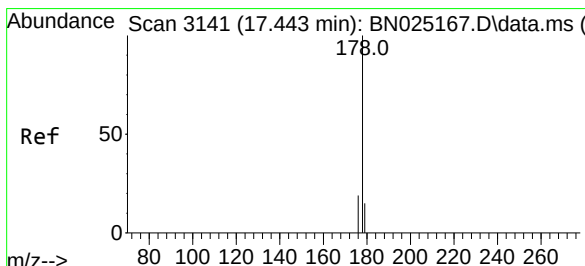
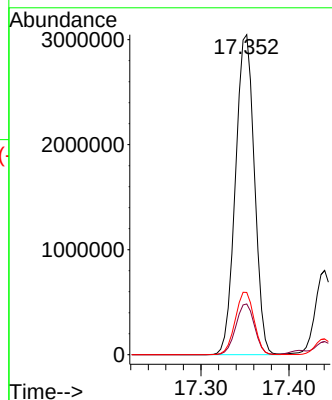
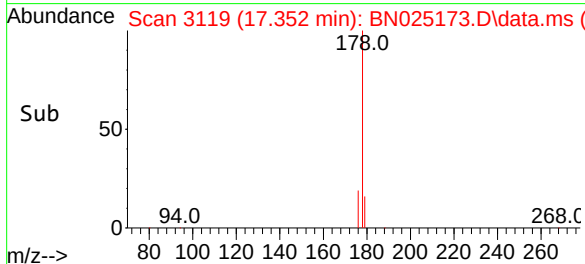
Instrument :
BNA_N
ClientSampleId :
EW8Y7



Tgt Ion:178 Resp: 453688
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.5 15.6 23.4

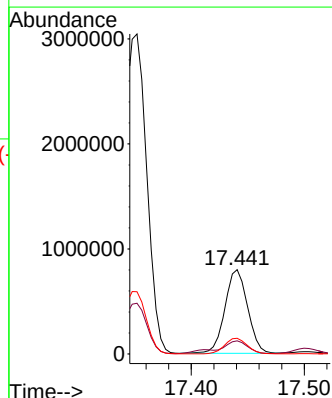
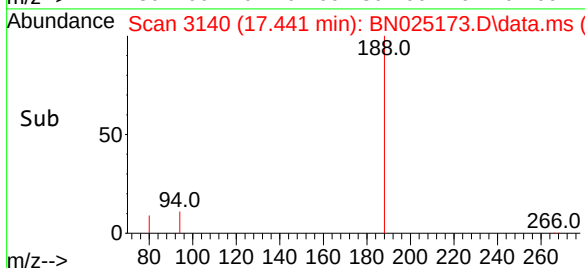
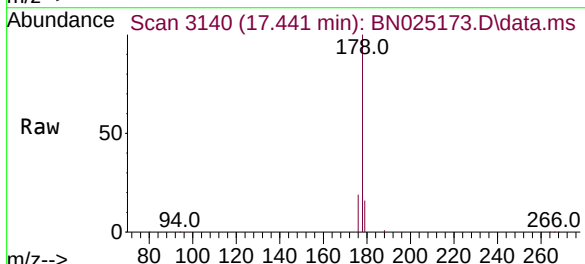
Manual Integrations
APPROVED

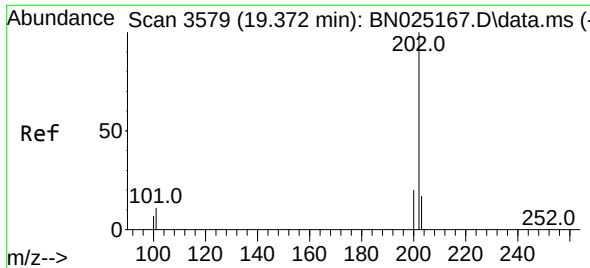
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
Anthracene
Concen: 12.318 ng/ul
RT: 17.441 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

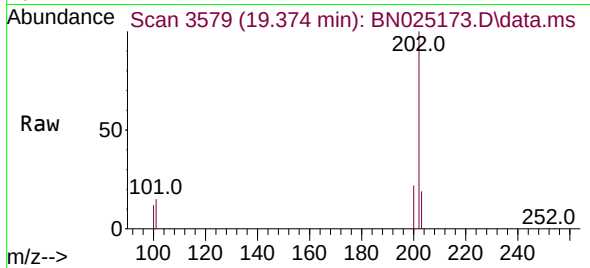
Tgt Ion:178 Resp: 1110602
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.6 15.3 22.9





#19
Fluoranthene
Concen: 88.338 ng/u1
RT: 19.374 min Scan# 3579
Delta R.T. 0.002 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

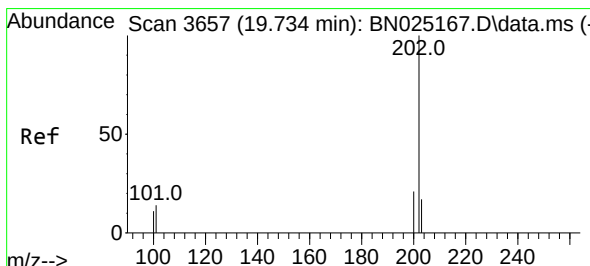
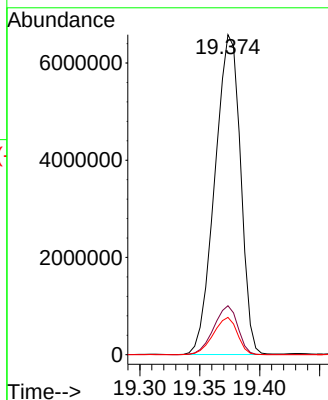
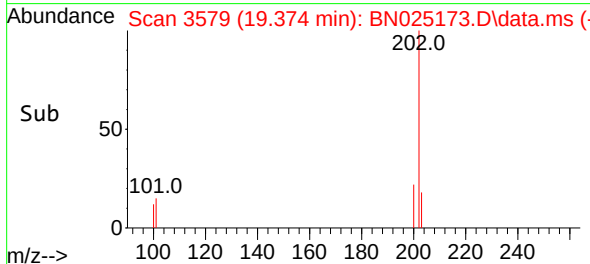
Instrument :
BNA_N
ClientSampleId :
EW8Y7



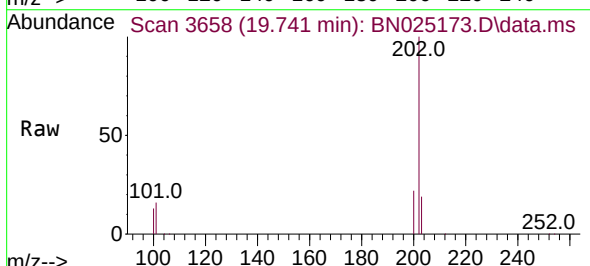
Tgt Ion:202 Resp: 981401
Ion Ratio Lower Upper
202 100
101 15.3 9.7 14.5
100 11.7 7.3 10.9

Manual Integrations
APPROVED

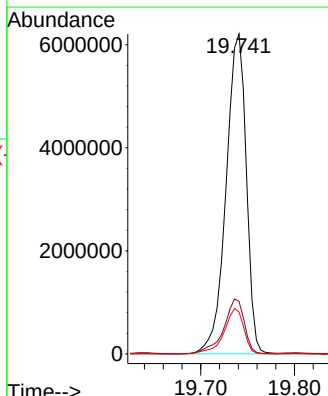
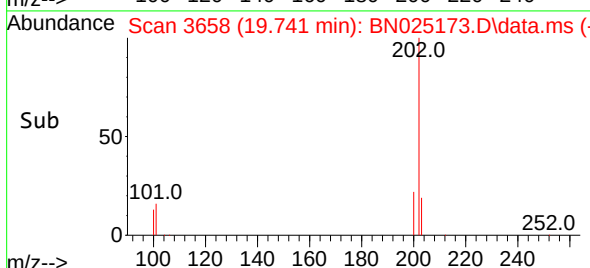
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

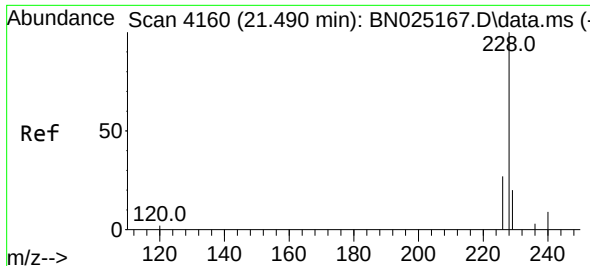


#20
Pyrene
Concen: 81.320 ng/u1
RT: 19.741 min Scan# 3658
Delta R.T. 0.007 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24



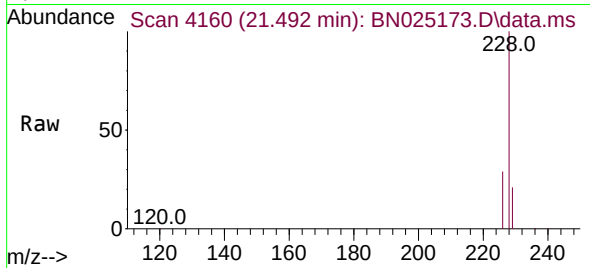
Tgt Ion:202 Resp: 9282351
Ion Ratio Lower Upper
202 100
101 16.5 11.3 16.9
100 13.1 9.2 13.8





#21
Benzo(a)anthracene
Concen: 51.921 ng/ul
RT: 21.492 min Scan# 4160
Delta R.T. 0.002 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

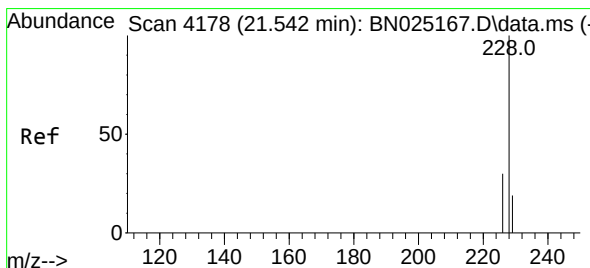
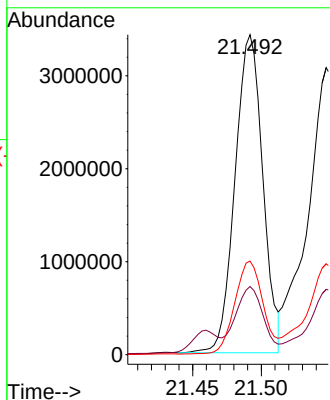
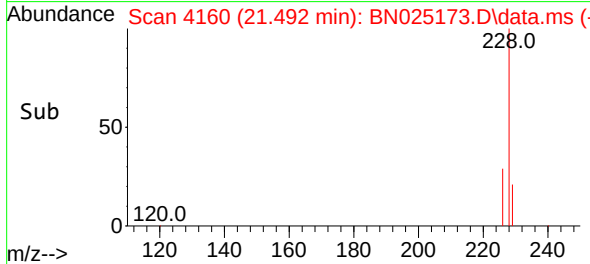
Instrument :
BNA_N
ClientSampleId :
EW8Y7



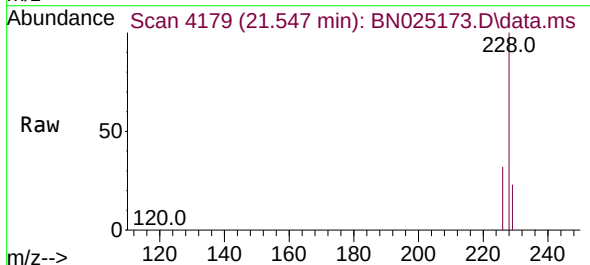
Tgt Ion:228 Resp: 4806652
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 29.3 22.1 33.1

Manual Integrations
APPROVED

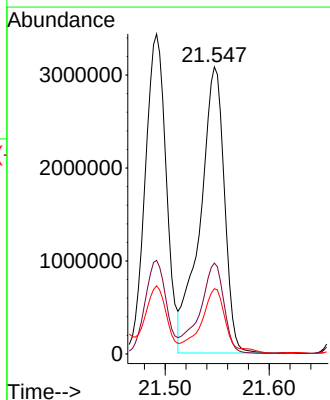
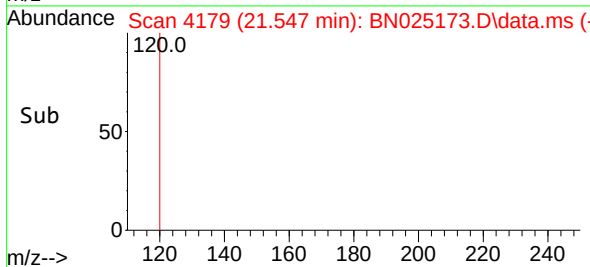
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

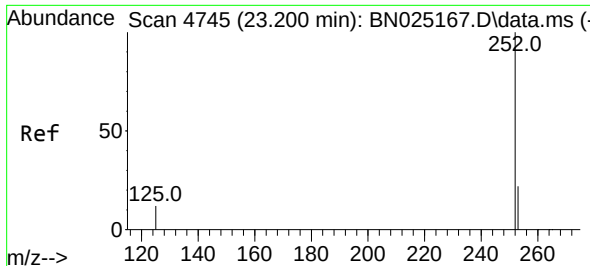


#22
Chrysene
Concen: 49.410 ng/ul
RT: 21.547 min Scan# 4179
Delta R.T. 0.005 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24



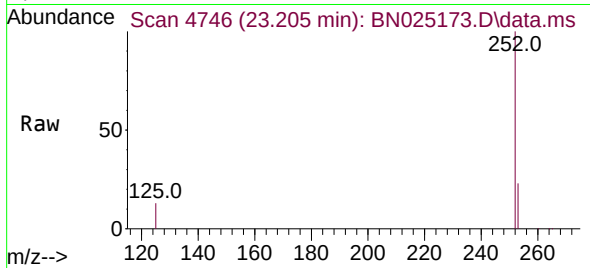
Tgt Ion:228 Resp: 4989857
Ion Ratio Lower Upper
228 100
226 31.7 24.5 36.7
229 22.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 42.892 ng/ul m
RT: 23.205 min Scan# 4745
Delta R.T. 0.005 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

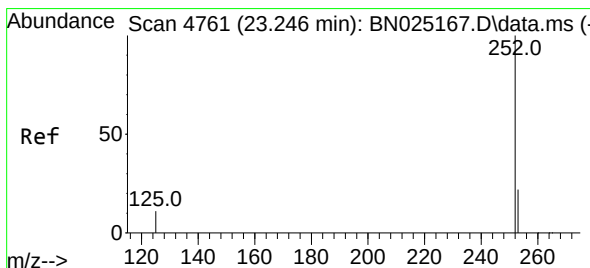
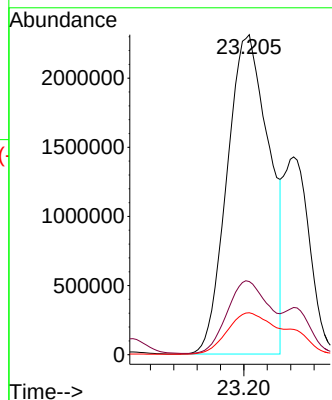
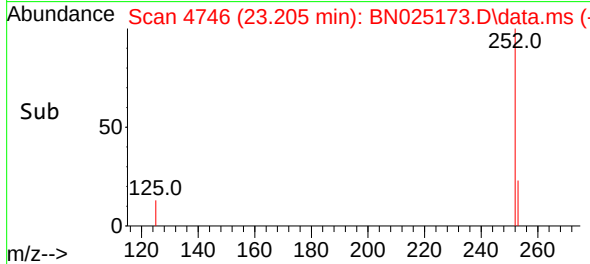
Instrument :
BNA_N
ClientSampleId :
EW8Y7



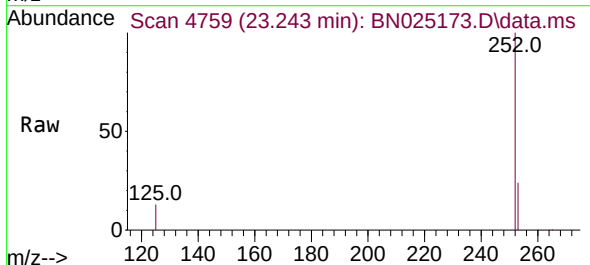
Tgt Ion:252 Resp: 577776
Ion Ratio Lower Upper
252 100
253 22.8 0.0 50.2
125 13.1 0.0 30.4

Manual Integrations
APPROVED

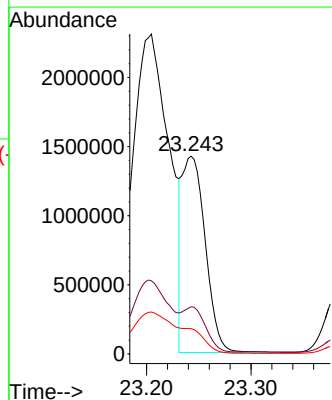
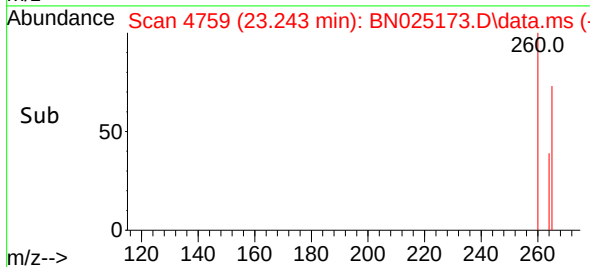
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

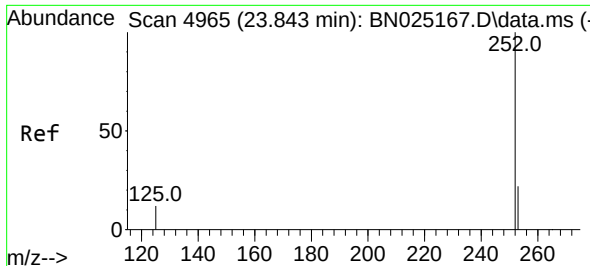


#25
Benzo(k)fluoranthene
Concen: 16.922 ng/ul m
RT: 23.243 min Scan# 4759
Delta R.T. -0.004 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24



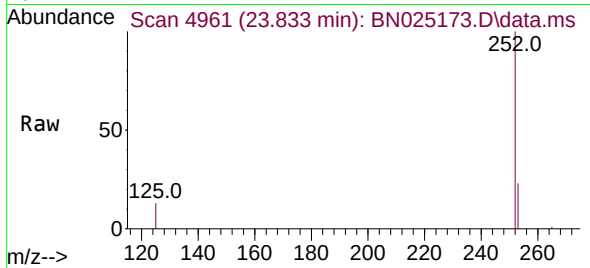
Tgt Ion:252 Resp: 2192517
Ion Ratio Lower Upper
252 100
253 23.9 20.2 30.4
125 12.8 11.8 17.8





#26
Benzo(a)pyrene
Concen: 37.339 ng/ul
RT: 23.833 min Scan# 4965
Delta R.T. -0.010 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

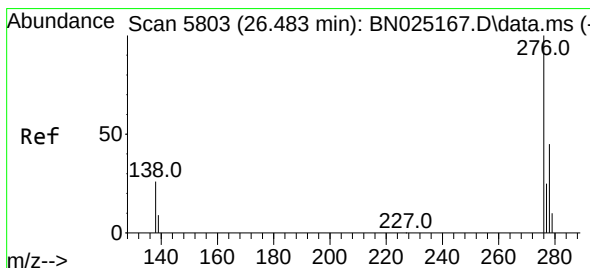
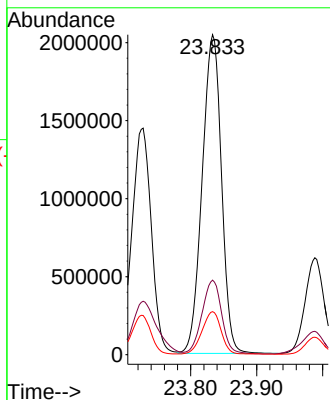
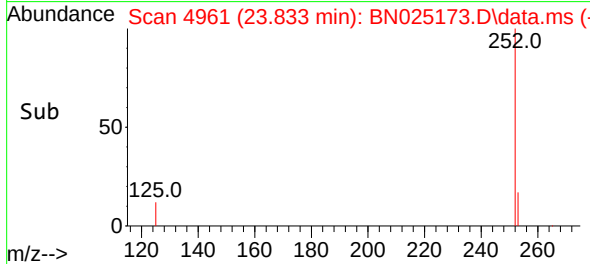
Instrument :
BNA_N
ClientSampleId :
EW8Y7



Tgt Ion:252 Resp: 416156
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.2
125 13.5 14.6 22.0

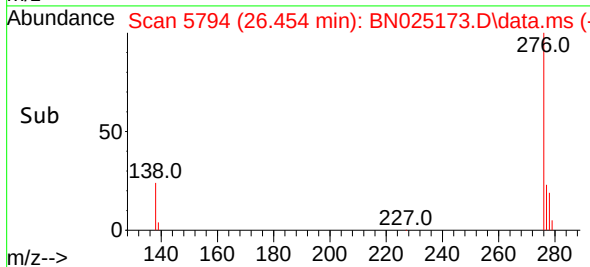
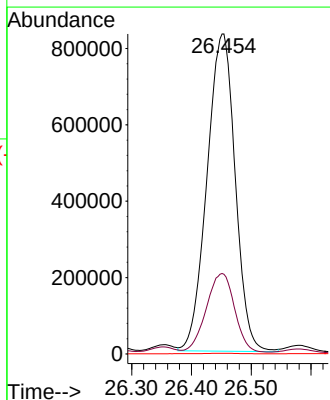
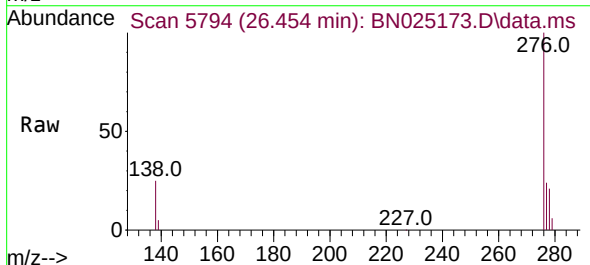
Manual Integrations
APPROVED

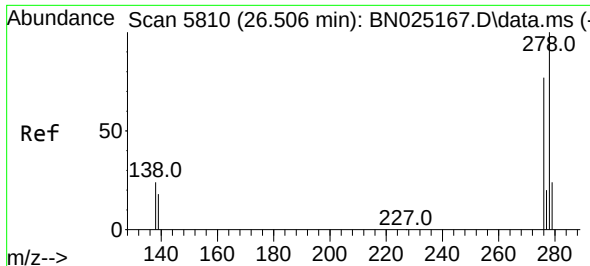
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 21.214 ng/ul
RT: 26.454 min Scan# 5794
Delta R.T. -0.028 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

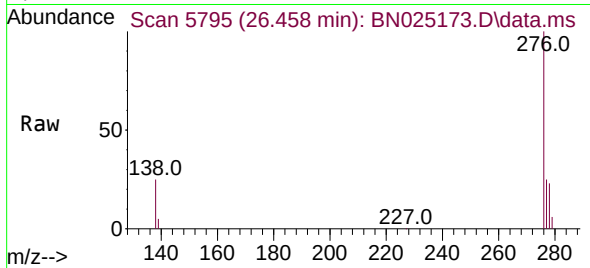
Tgt Ion:276 Resp: 2724205
Ion Ratio Lower Upper
276 100
138 24.9 21.9 32.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 6.384 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. -0.048 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

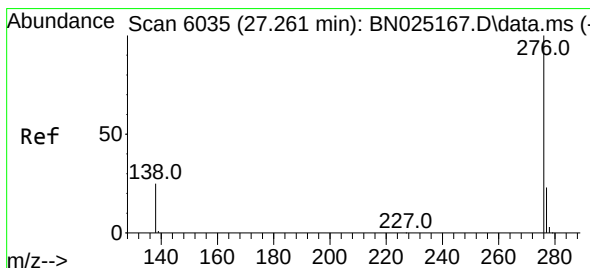
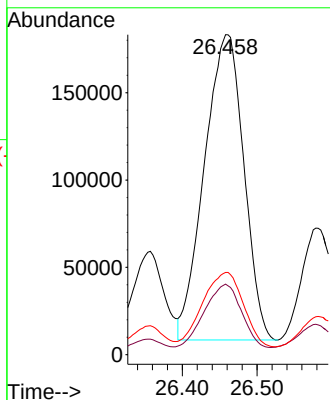
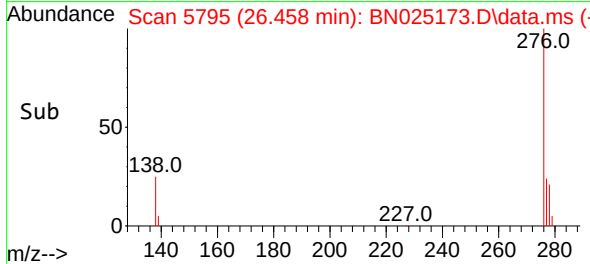
Instrument :
BNA_N
ClientSampleId :
EW8Y7



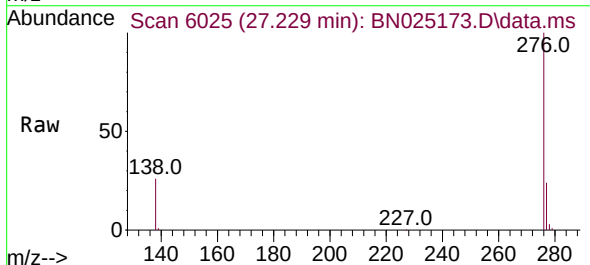
Tgt Ion:278 Resp: 640329
Ion Ratio Lower Upper
278 100
139 22.1 17.0 25.6
279 25.7 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 21.069 ng/ul
RT: 27.229 min Scan# 6025
Delta R.T. -0.032 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24



Tgt Ion:276 Resp: 2300534
Ion Ratio Lower Upper
276 100
138 25.7 20.3 30.5
277 24.0 19.8 29.6

