

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
 Data File : BN025273.D
 Acq On : 05 May 2023 10:44
 Operator : CG/JU
 Sample : 02447-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW905DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 06 04:06:05 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 : Fri May 05 11:29:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	9755	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	31360	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	18188	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	35690	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	19586	0.400	ng/ul	# 0.00
23) Perylene-d12	23.940	264	24068	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3856	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1221	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	2157	0.042	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.765	128	160873	2.002	ng/ul	99
7) 2-Methylnaphthalene	12.381	142	53184	1.081	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	39346	0.750	ng/ul	100
10) Acenaphthylene	14.279	152	39185	0.578	ng/ul	98
11) Acenaphthene	14.616	153	112443	1.969	ng/ul	99
12) Fluorene	15.606	166	165659	2.595	ng/ul	100
15) Phenanthrene	17.347	178	1764138	17.512	ng/ul	100
16) Anthracene	17.440	178	427962	5.193	ng/ul	99
19) Fluoranthene	19.368	202	2590717	36.578	ng/ul	99
20) Pyrene	19.730	202	2127012	29.229	ng/ul	99
21) Benzo(a)anthracene	21.485	228	919056	15.572	ng/ul	98
22) Chrysene	21.538	228	899621	13.973	ng/ul	98
24) Benzo(b)fluoranthene	23.198	252	1208829m	12.380	ng/ul	
25) Benzo(k)fluoranthene	23.239	252	380381m	4.050	ng/ul	
26) Benzo(a)pyrene	23.838	252	798719	9.886	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.484	276	586154	6.297	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.487	278	145329	1.999	ng/ul	97
29) Benzo(g,h,i)perylene	27.268	276	543379	6.865	ng/ul	99

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

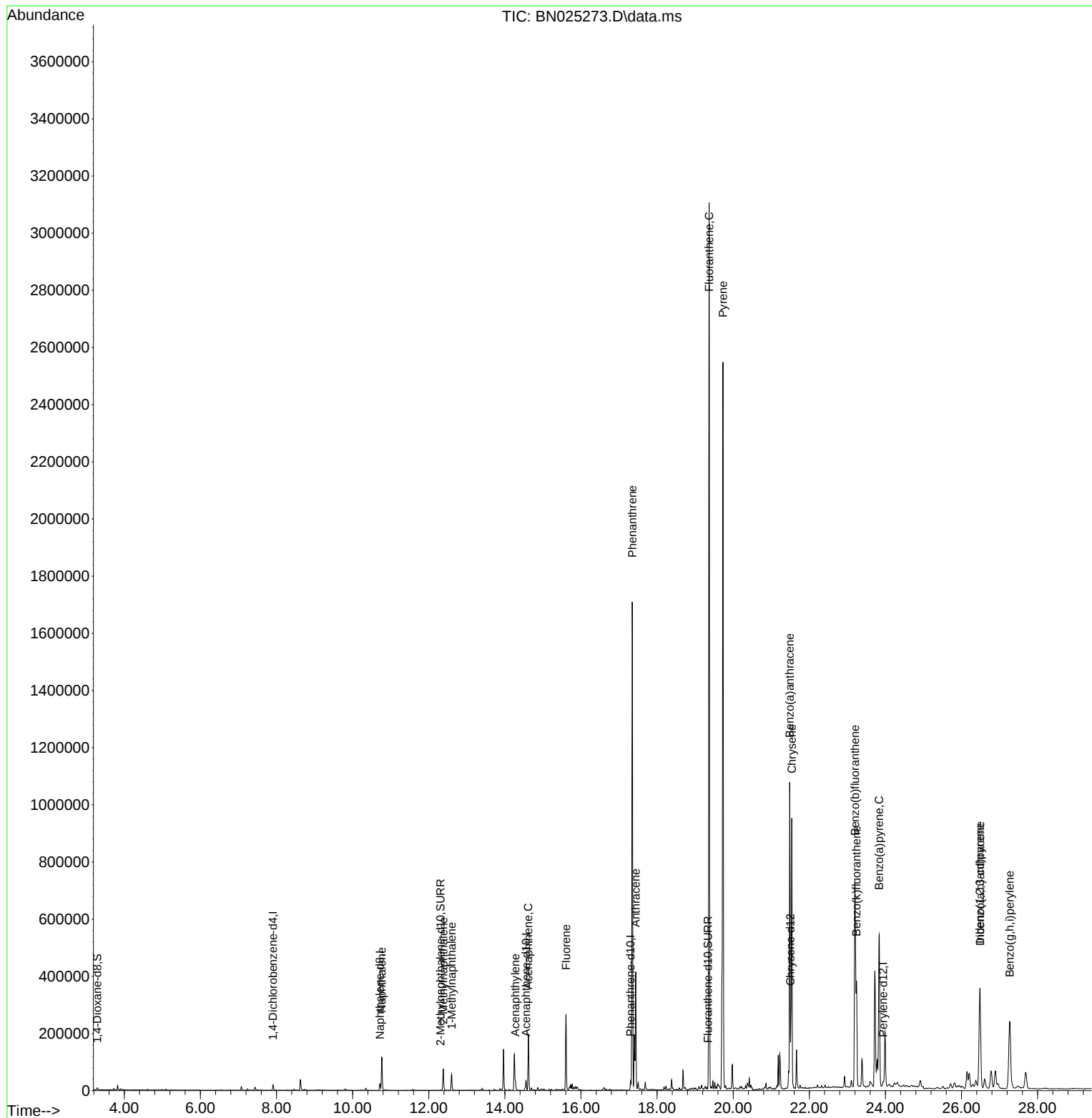
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025273.D
Acq On : 05 May 2023 10:44
Operator : CG/JU
Sample : 02447-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

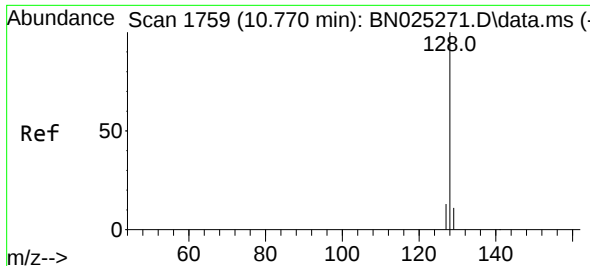
Instrument :
BNA_N
ClientSampleId :
EW905DL

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/08/2023
Supervised By : Jagrut Upadhyay 05/08/2023

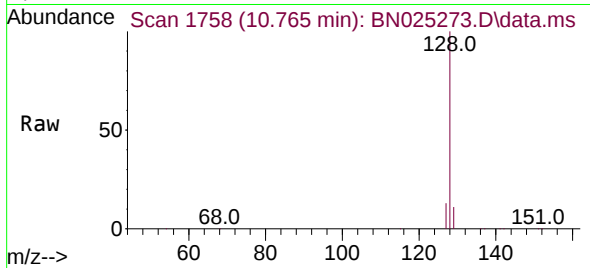
Quant Time: May 06 04:06:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 11:29:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.002 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

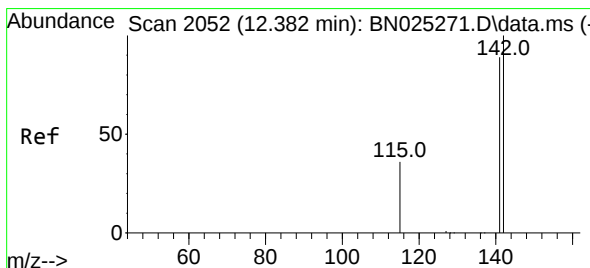
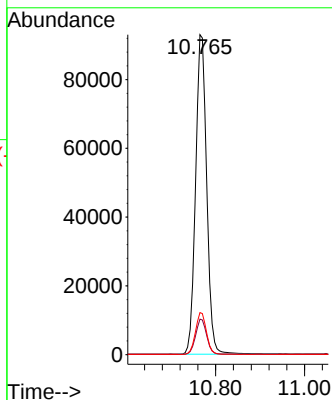
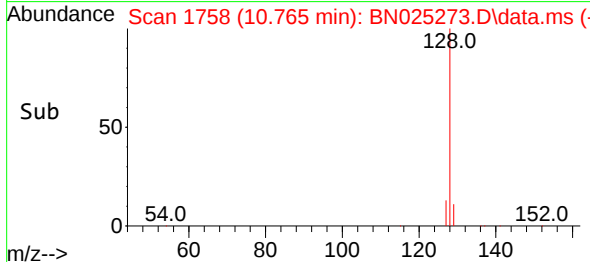
Instrument :
BNA_N
ClientSampleId :
EW905DL



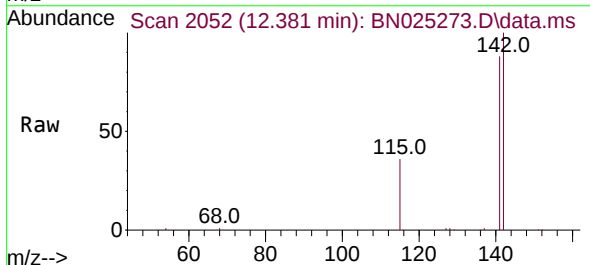
Tgt Ion:128 Resp: 16087
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.7 16.1

Manual Integrations
APPROVED

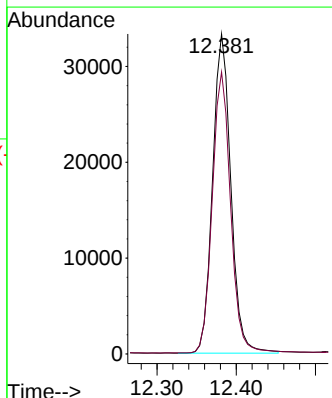
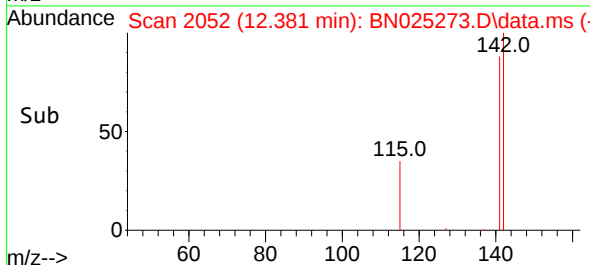
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

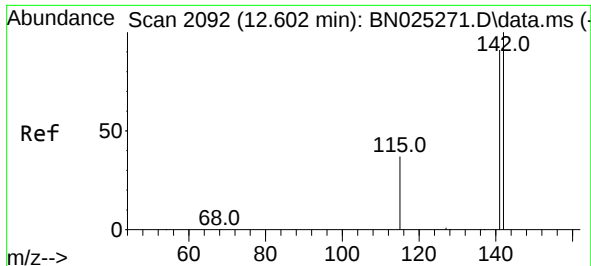


#7
2-Methylnaphthalene
Concen: 1.081 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44



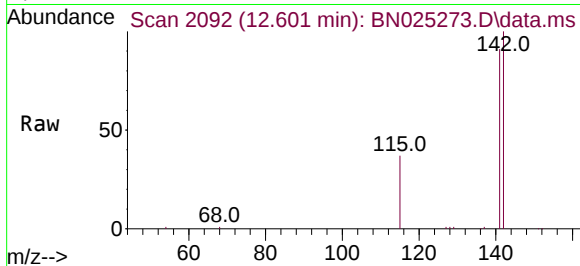
Tgt Ion:142 Resp: 53184
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.750 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

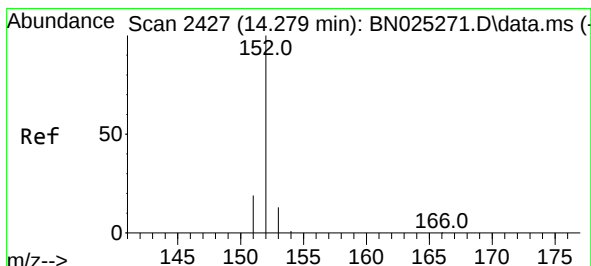
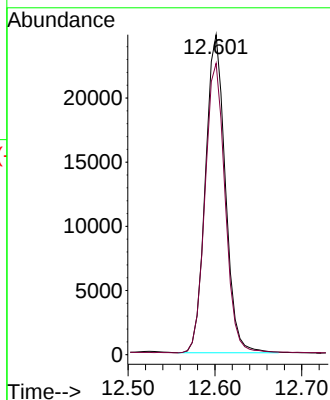
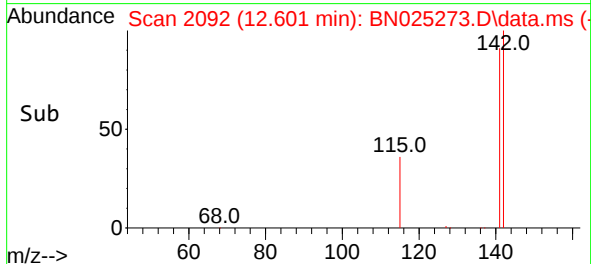
Instrument :
BNA_N
ClientSampleId :
EW905DL



Tgt Ion:142 Resp: 39340
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

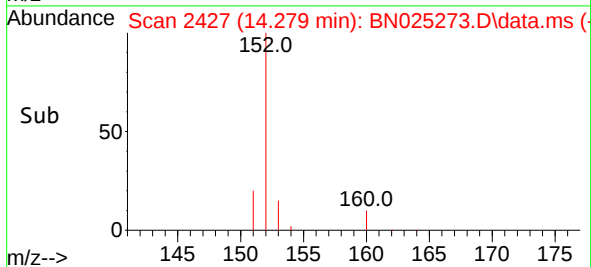
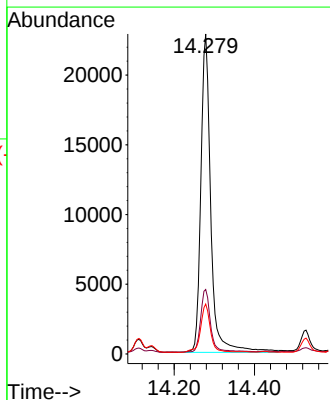
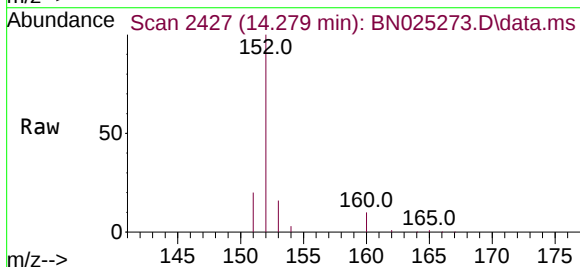
Manual Integrations
APPROVED

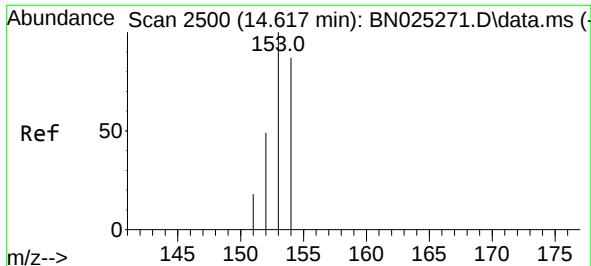
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Acenaphthylene
Concen: 0.578 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

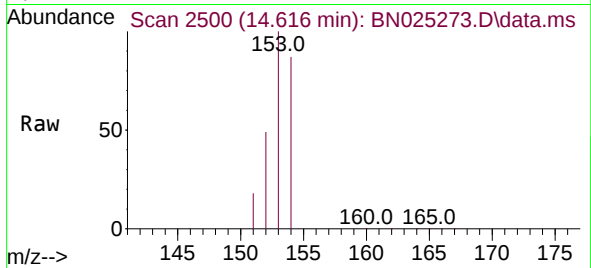
Tgt Ion:152 Resp: 39185
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 15.6 10.8 16.2





#11
Acenaphthene
Concen: 1.969 ng/ul
RT: 14.616 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

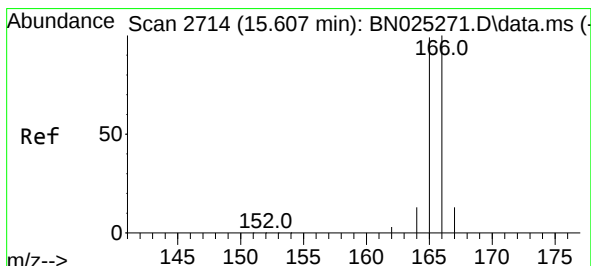
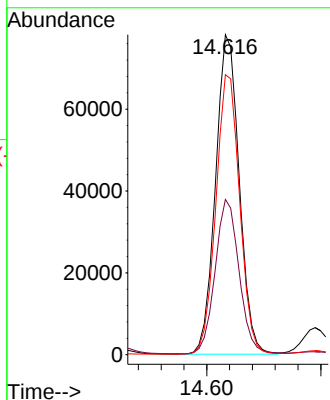
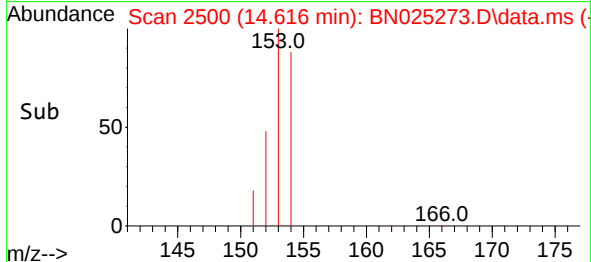
Instrument :
BNA_N
ClientSampleId :
EW905DL



Tgt Ion:153 Resp: 11244
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 87.5 69.4 104.2

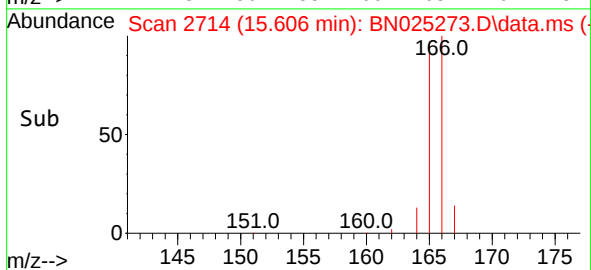
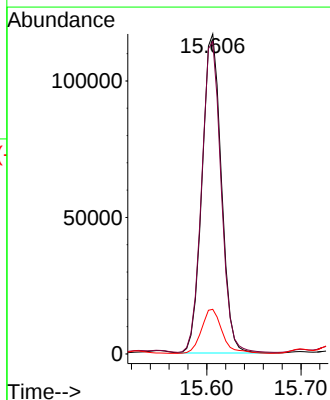
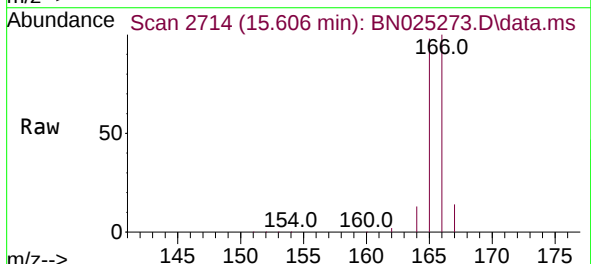
Manual Integrations
APPROVED

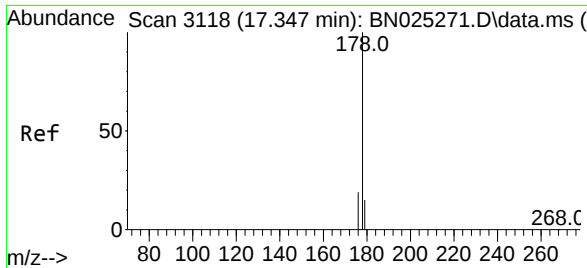
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#12
Fluorene
Concen: 2.595 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

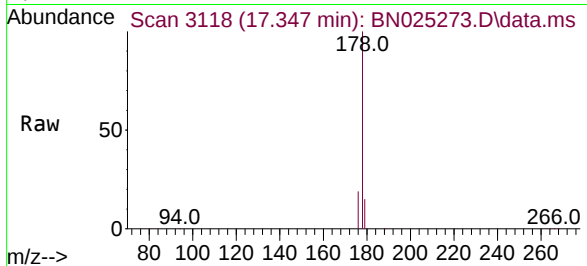
Tgt Ion:166 Resp: 165659
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.9 11.0 16.6





#15
Phenanthrene
Concen: 17.512 ng/ul
RT: 17.347 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

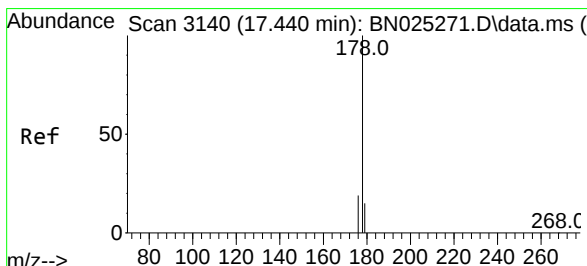
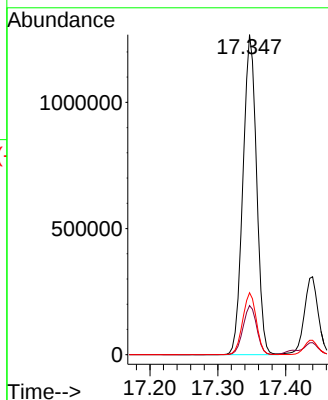
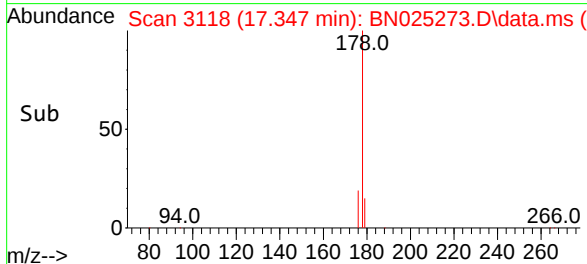
Instrument :
BNA_N
ClientSampleId :
EW905DL



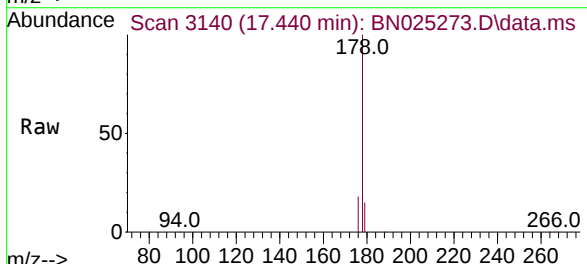
Tgt Ion:178 Resp: 1764138
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.4 15.6 23.4

Manual Integrations
APPROVED

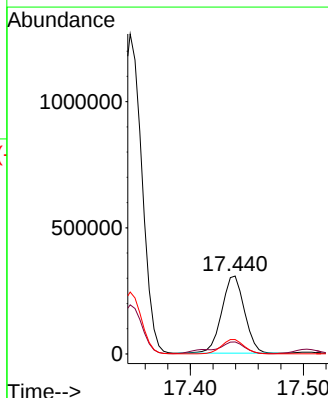
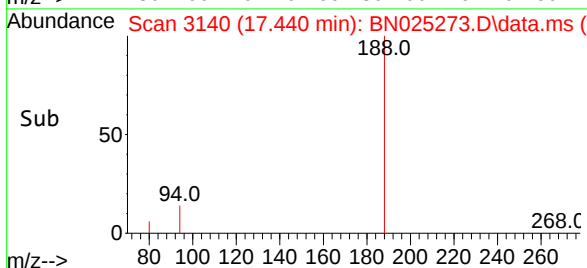
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

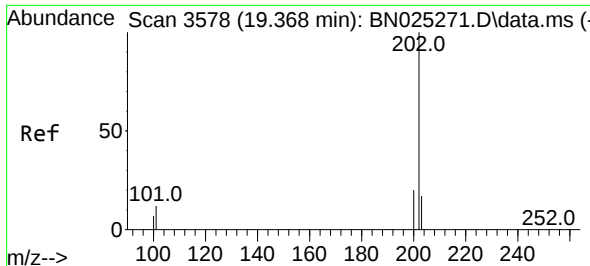


#16
Anthracene
Concen: 5.193 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44



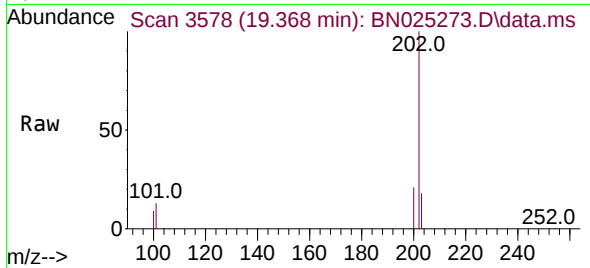
Tgt Ion:178 Resp: 427962
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.5 15.3 22.9





#19
Fluoranthene
Concen: 36.578 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

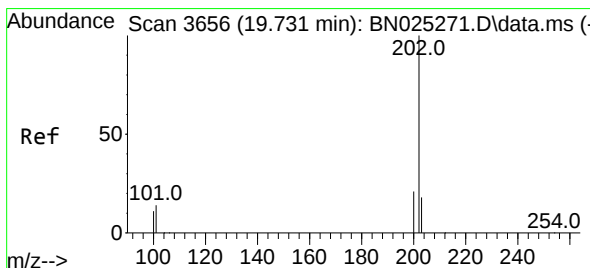
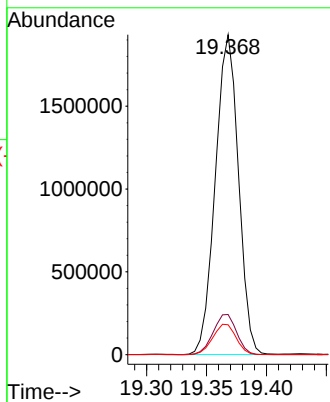
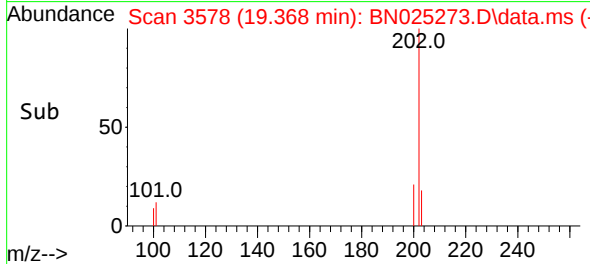
Instrument :
BNA_N
ClientSampleId :
EW905DL



Tgt Ion:202 Resp: 259071
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.3 7.3 10.9

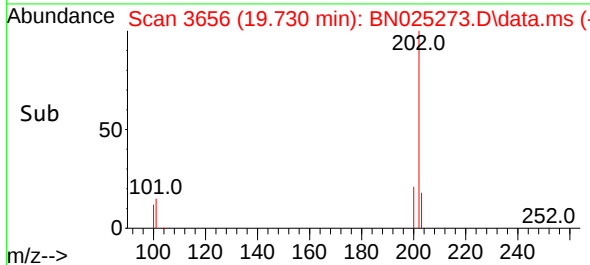
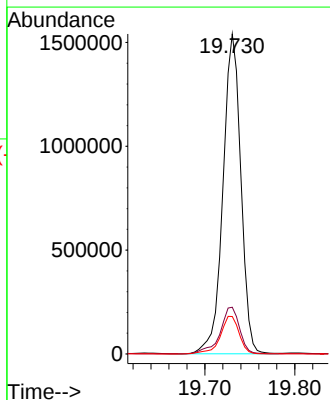
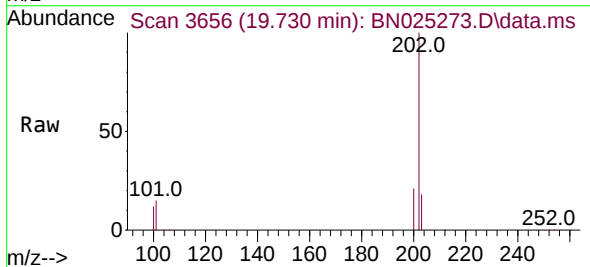
Manual Integrations
APPROVED

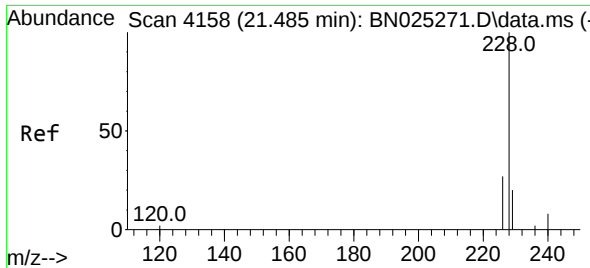
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#20
Pyrene
Concen: 29.229 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

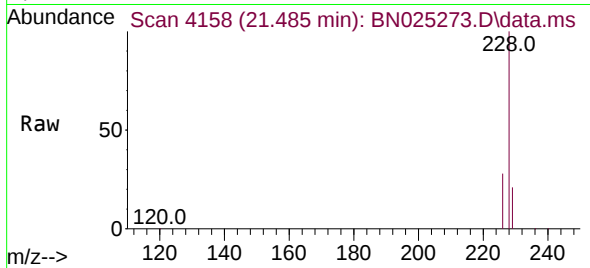
Tgt Ion:202 Resp: 2127012
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.7 9.2 13.8





#21
Benzo(a)anthracene
Concen: 15.572 ng/ul
RT: 21.485 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

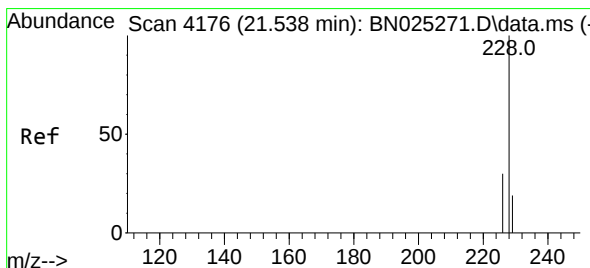
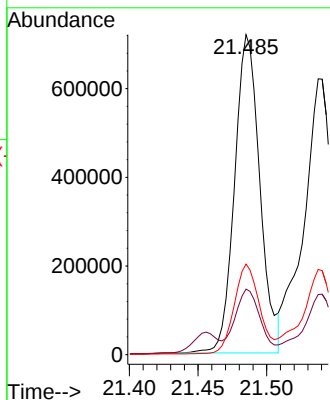
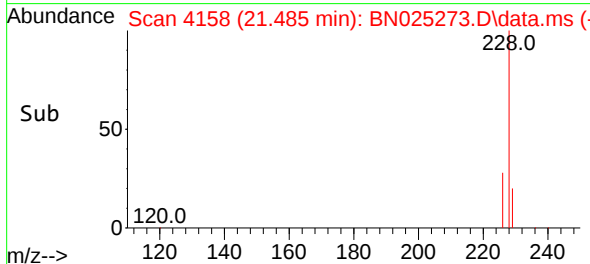
Instrument :
BNA_N
ClientSampleId :
EW905DL



Tgt Ion:228 Resp: 919050
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.3 22.1 33.1

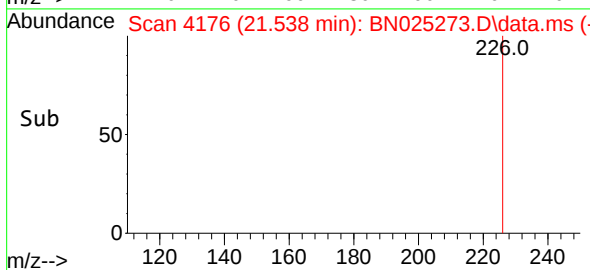
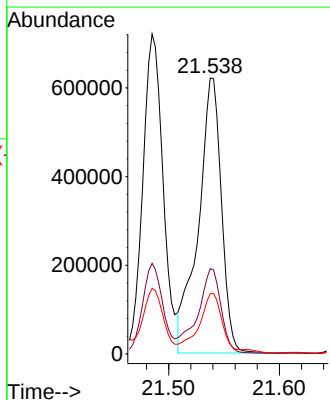
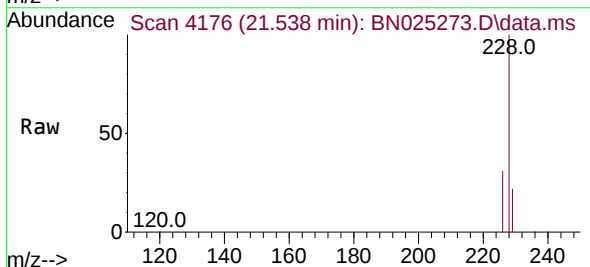
Manual Integrations
APPROVED

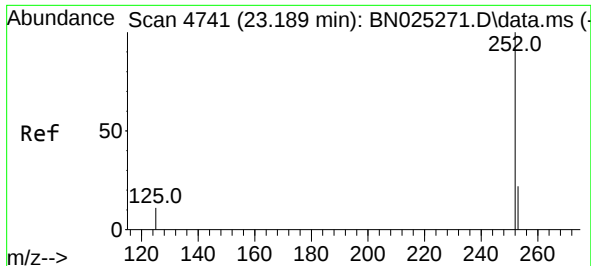
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#22
Chrysene
Concen: 13.973 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

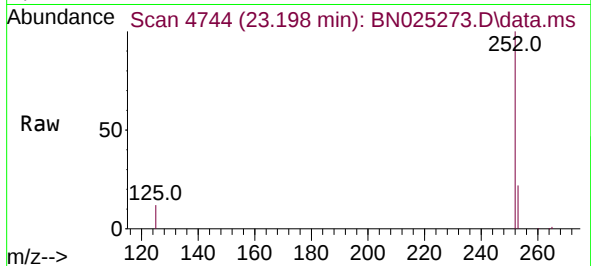
Tgt Ion:228 Resp: 899621
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 12.380 ng/ul m
RT: 23.198 min Scan# 4741
Delta R.T. 0.009 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

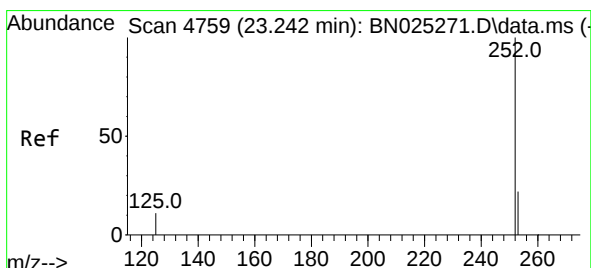
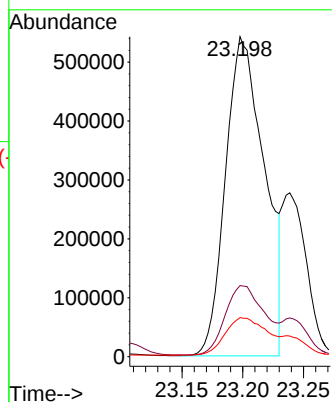
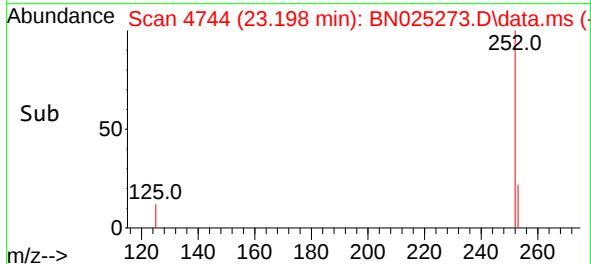
Instrument :
BNA_N
ClientSampleId :
EW905DL



Tgt Ion:252 Resp: 1208829
Ion Ratio Lower Upper
252 100
253 22.2 0.0 50.2
125 12.2 0.0 30.4

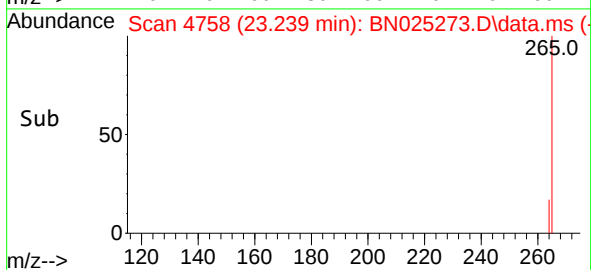
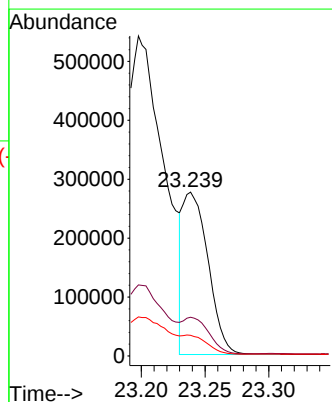
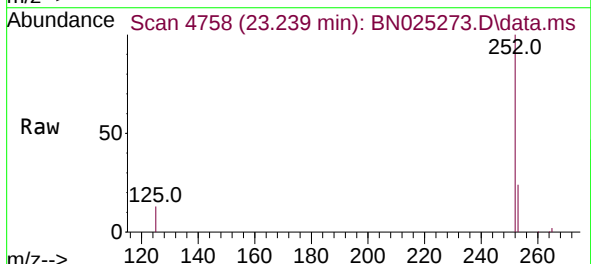
Manual Integrations
APPROVED

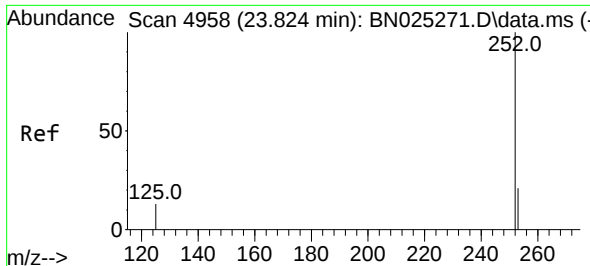
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#25
Benzo(k)fluoranthene
Concen: 4.050 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

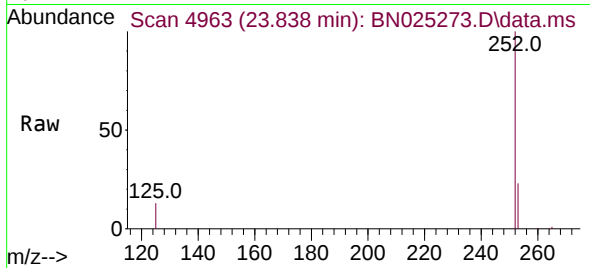
Tgt Ion:252 Resp: 380381
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.4
125 12.6 11.8 17.8





#26
Benzo(a)pyrene
Concen: 9.886 ng/ul
RT: 23.838 min Scan# 4958
Delta R.T. 0.014 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

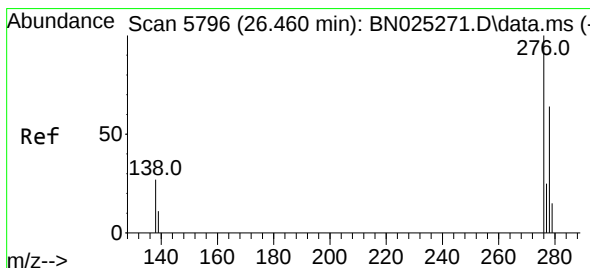
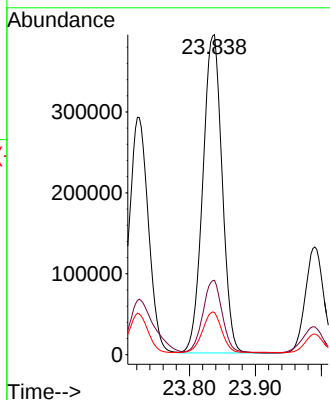
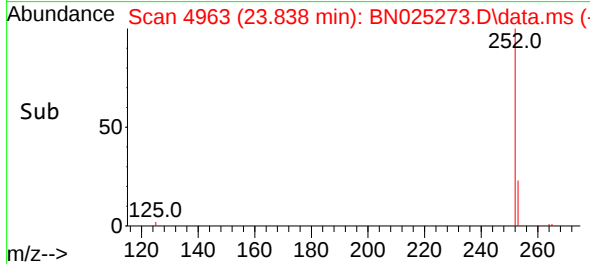
Instrument :
BNA_N
ClientSampleId :
EW905DL



Tgt Ion:252 Resp: 798719
Ion Ratio Lower Upper
252 100
253 23.2 21.4 32.2
125 13.2 14.6 22.0

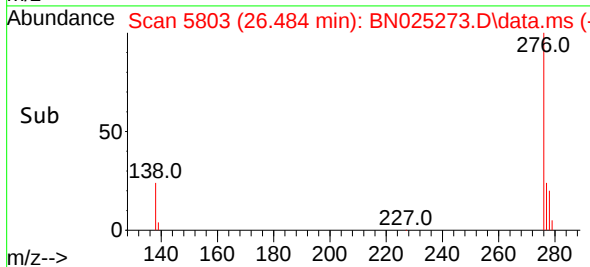
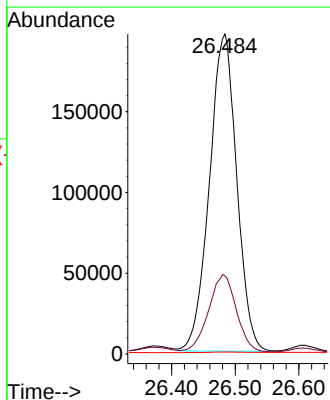
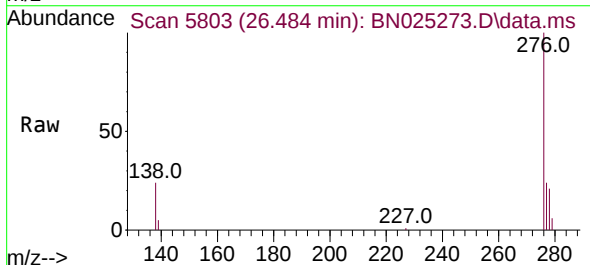
Manual Integrations
APPROVED

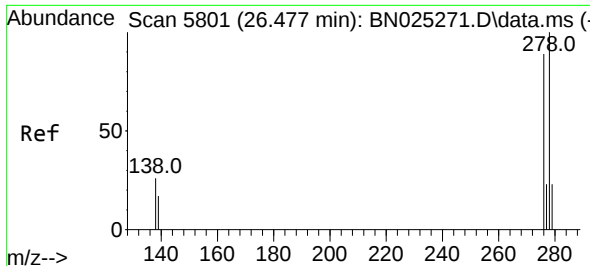
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.297 ng/ul
RT: 26.484 min Scan# 5803
Delta R.T. 0.023 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

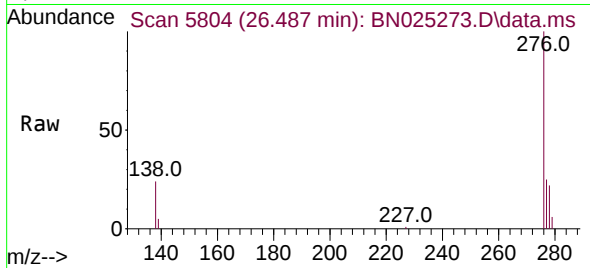
Tgt Ion:276 Resp: 586154
Ion Ratio Lower Upper
276 100
138 24.6 21.9 32.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.999 ng/ul
RT: 26.487 min Scan# 5804
Delta R.T. 0.010 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

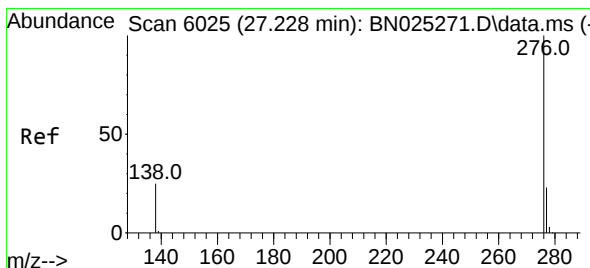
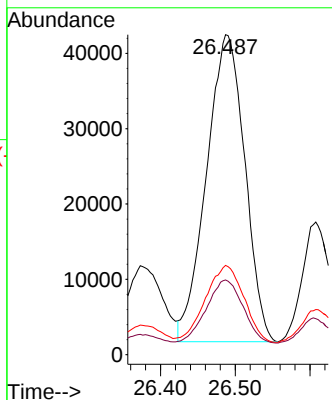
Instrument :
BNA_N
ClientSampleId :
EW905DL



Tgt Ion:278 Resp: 145329
Ion Ratio Lower Upper
278 100
139 23.4 17.0 25.6
279 27.9 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#29
Benzo(g,h,i)perylene
Concen: 6.865 ng/ul
RT: 27.268 min Scan# 6037
Delta R.T. 0.040 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:276 Resp: 543379
Ion Ratio Lower Upper
276 100
138 25.3 20.3 30.5
277 24.1 19.8 29.6

