

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
 Data File : BN025275.D
 Acq On : 05 May 2023 11:55
 Operator : CG/JU
 Sample : 02447-08DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW913DL

Manual Integrations
 APPROVED

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

Quant Time: May 06 04:06:26 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	9294	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	30097	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.555	164	17765	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	38331	0.400	ng/ul	0.00
17) Chrysene-d12	21.507	240	22148	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	26422	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	2884	0.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	993	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	2113	0.036	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.768	128	49766	0.645	ng/ul	100
7) 2-Methylnaphthalene	12.380	142	32800	0.694	ng/ul	99
8) 1-Methylnaphthalene	12.600	142	34805	0.691	ng/ul	100
10) Acenaphthylene	14.278	152	99145	1.498	ng/ul	99
11) Acenaphthene	14.620	153	173491	3.110	ng/ul	97
12) Fluorene	15.606	166	218192	3.499	ng/ul	100
15) Phenanthrene	17.350	178	4125531	38.131	ng/ul	100
16) Anthracene	17.439	178	1105983	12.495	ng/ul	99
19) Fluoranthene	19.376	202	7126461	88.979	ng/ul	98
20) Pyrene	19.739	202	6347639	77.138	ng/ul	97
21) Benzo(a)anthracene	21.490	228	2766441	41.451	ng/ul	98
22) Chrysene	21.545	228	2670950	36.686	ng/ul	97
24) Benzo(b)fluoranthene	23.200	252	3004361m	28.026	ng/ul	
25) Benzo(k)fluoranthene	23.240	252	1126120m	10.921	ng/ul	
26) Benzo(a)pyrene	23.828	252	2221386	25.046	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.459	276	1514395	14.819	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.466	278	382342	4.790	ng/ul	98
29) Benzo(g,h,i)perylene	27.240	276	1366947	15.731	ng/ul	99

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

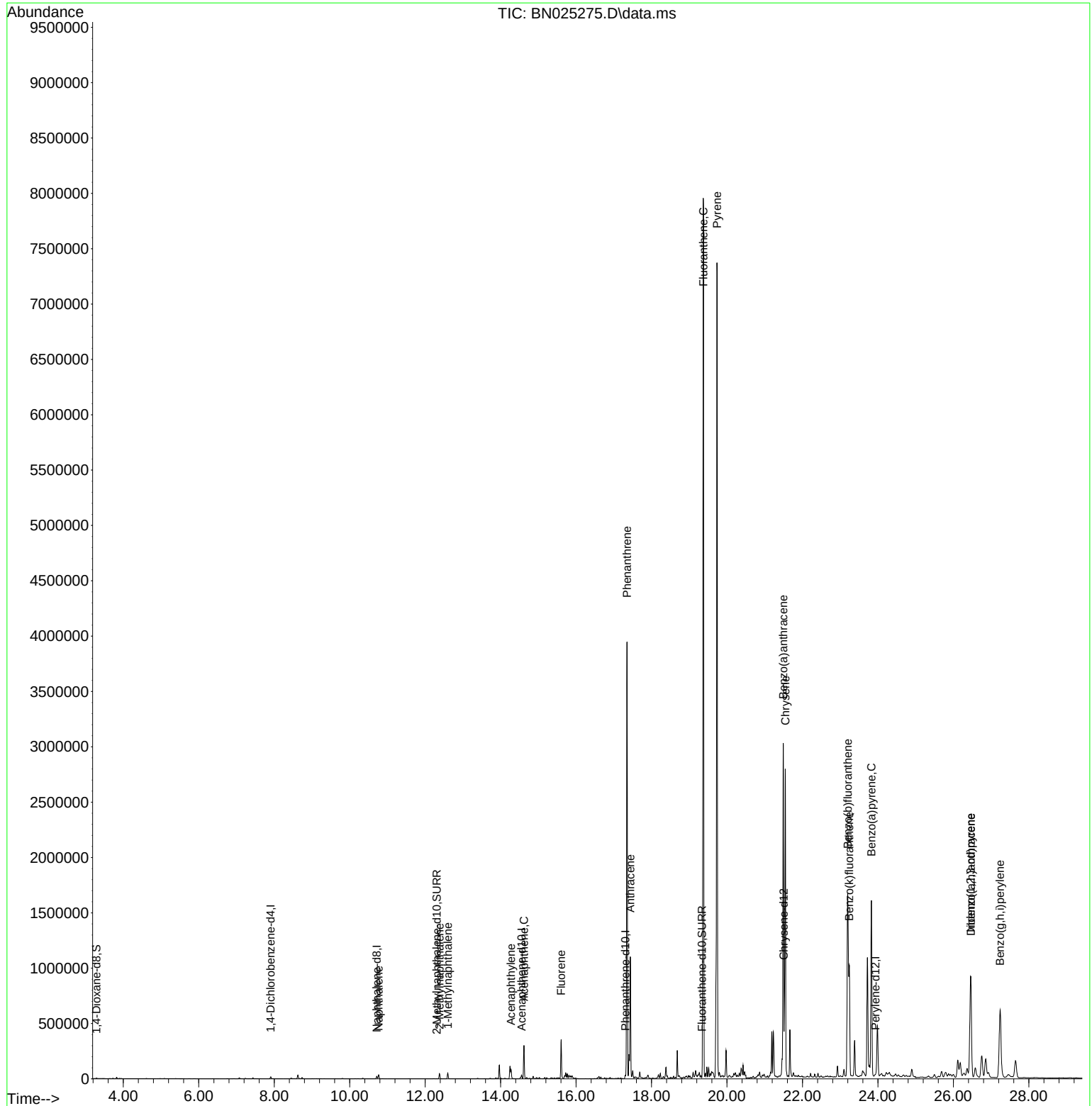
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025275.D
Acq On : 05 May 2023 11:55
Operator : CG/JU
Sample : 02447-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

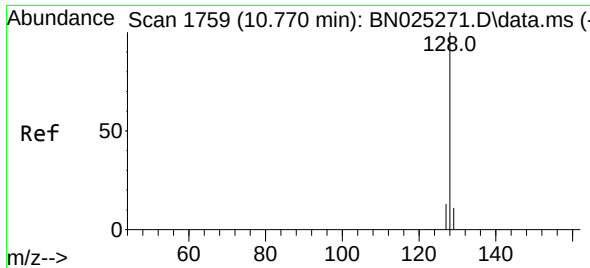
Instrument :
BNA_N
ClientSampleId :
EW913DL

Manual Integrations
APPROVED

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

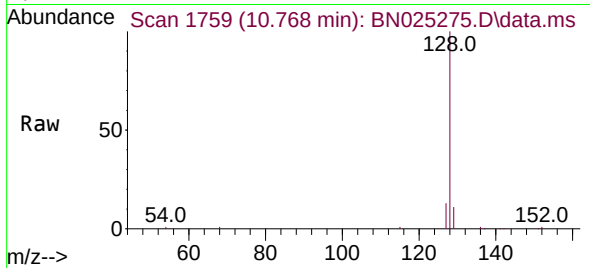
Quant Time: May 06 04:06:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 11:29:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.645 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. -0.002 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

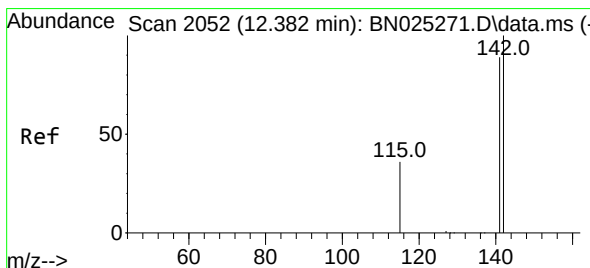
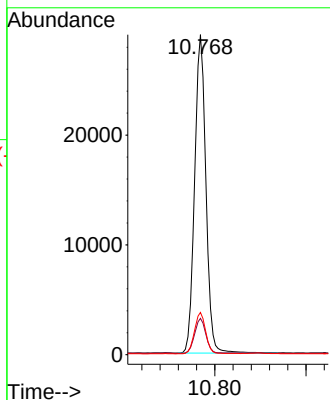
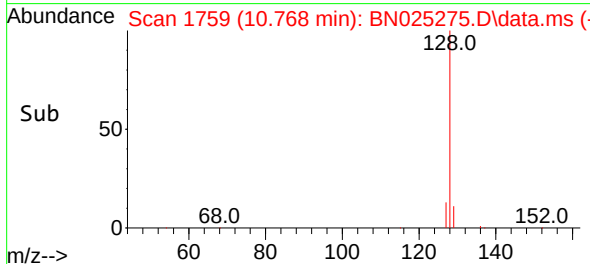
Instrument :
BNA_N
ClientSampleId :
EW913DL



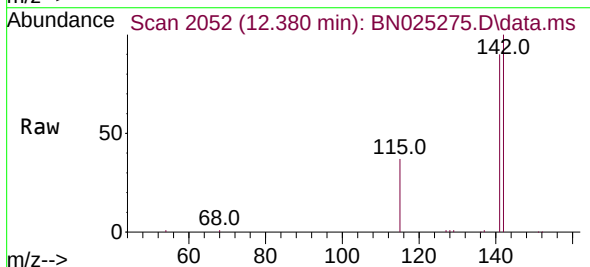
Tgt Ion:128 Resp: 49760
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.7 16.1

Manual Integrations
APPROVED

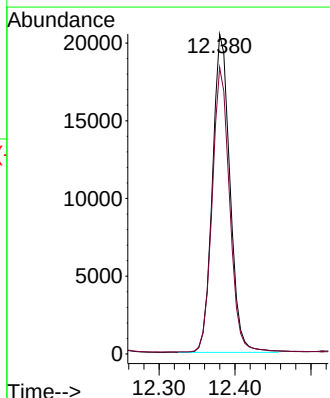
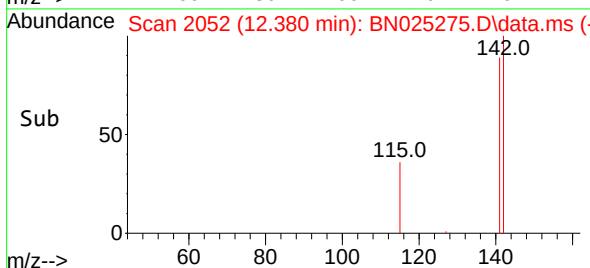
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

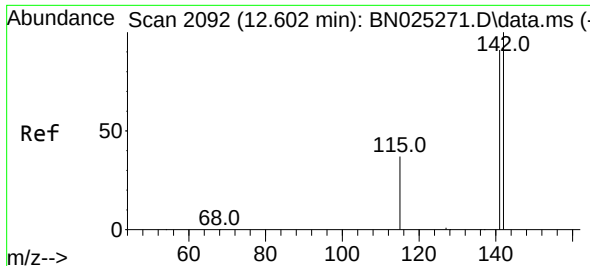


#7
2-Methylnaphthalene
Concen: 0.694 ng/ul
RT: 12.380 min Scan# 2052
Delta R.T. -0.002 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55



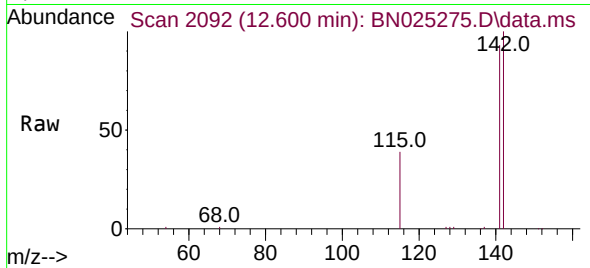
Tgt Ion:142 Resp: 32800
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.691 ng/ul
RT: 12.600 min Scan# 2092
Delta R.T. -0.002 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

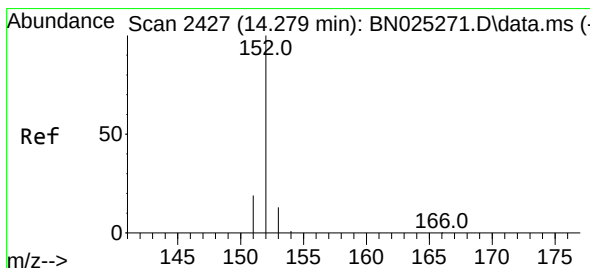
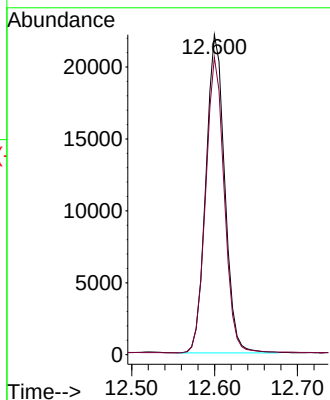
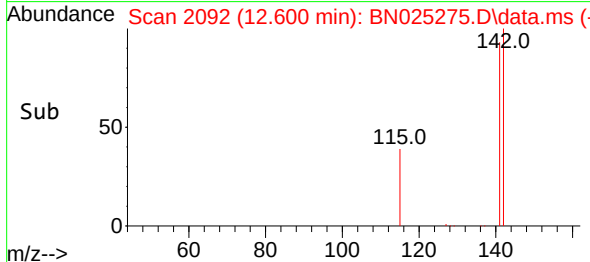
Instrument :
BNA_N
ClientSampleId :
EW913DL



Tgt Ion:142 Resp: 3480
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

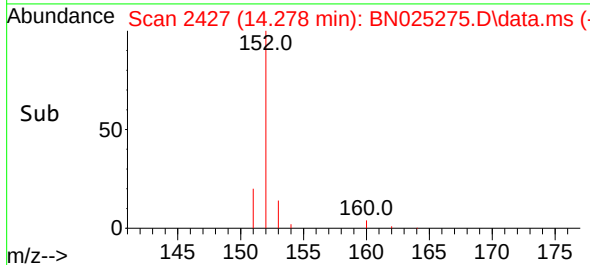
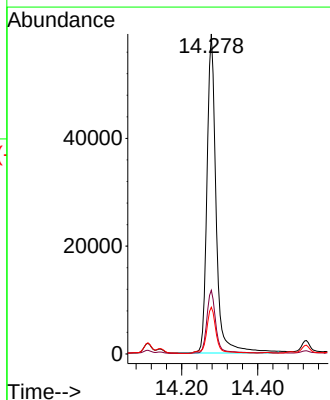
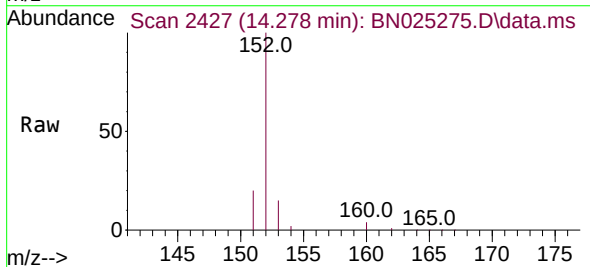
Manual Integrations
APPROVED

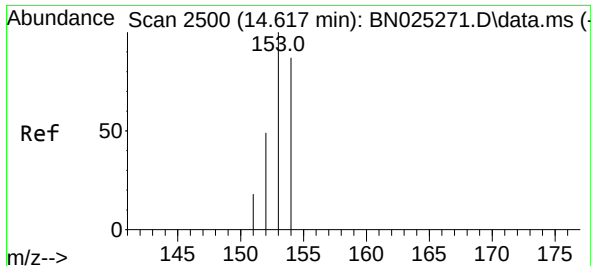
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Acenaphthylene
Concen: 1.498 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

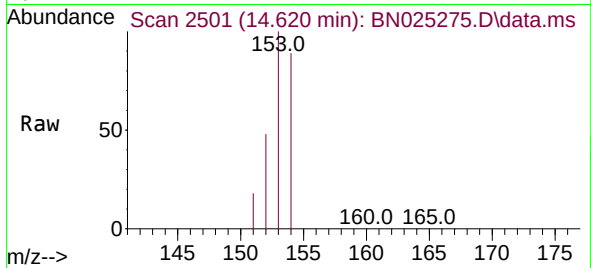
Tgt Ion:152 Resp: 99145
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 14.6 10.8 16.2





#11
Acenaphthene
Concen: 3.110 ng/u1
RT: 14.620 min Scan# 2501
Delta R.T. 0.004 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

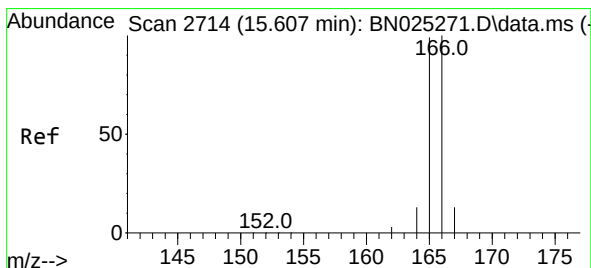
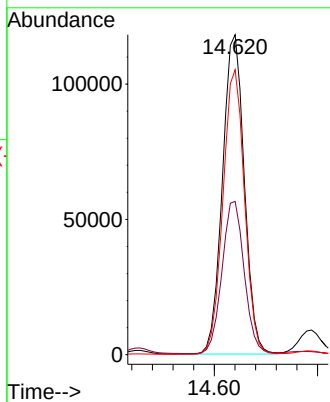
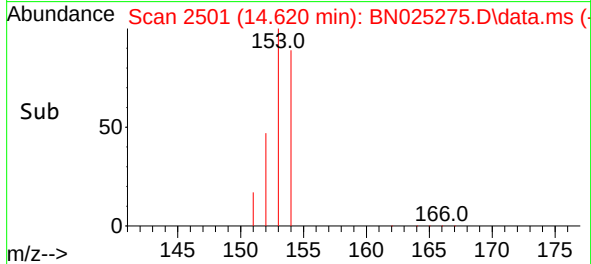
Instrument :
BNA_N
ClientSampleId :
EW913DL



Tgt Ion:153 Resp: 17349
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.4
154 89.0 69.4 104.2

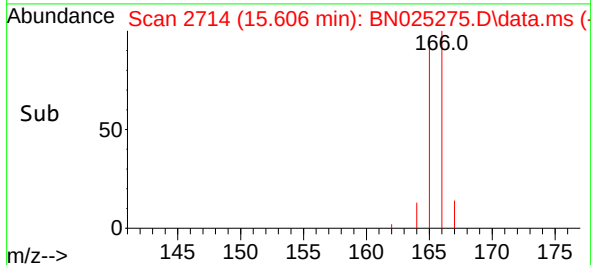
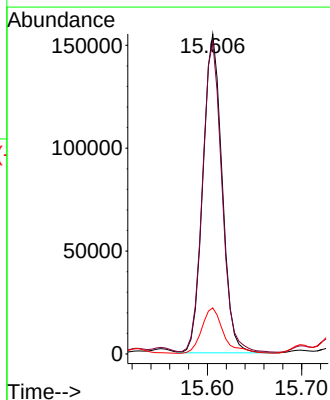
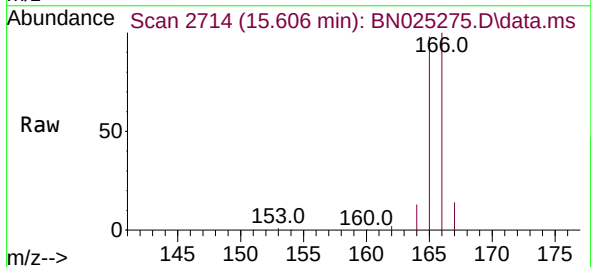
Manual Integrations
APPROVED

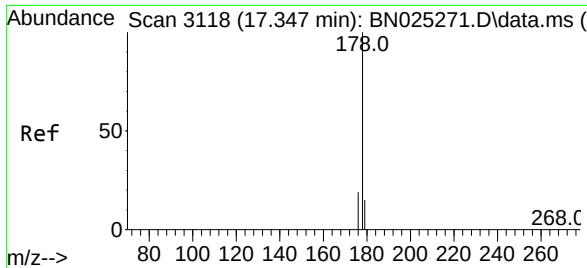
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#12
Fluorene
Concen: 3.499 ng/u1
RT: 15.606 min Scan# 2714
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

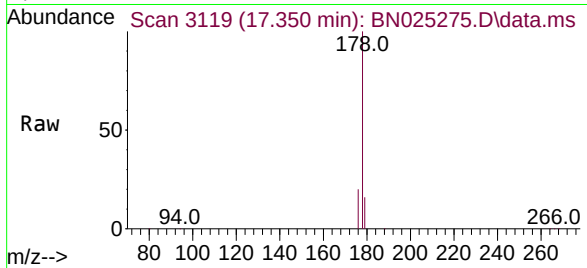
Tgt Ion:166 Resp: 218192
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 14.4 11.0 16.6





#15
Phenanthrene
Concen: 38.131 ng/ul
RT: 17.350 min Scan# 3118
Delta R.T. 0.003 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

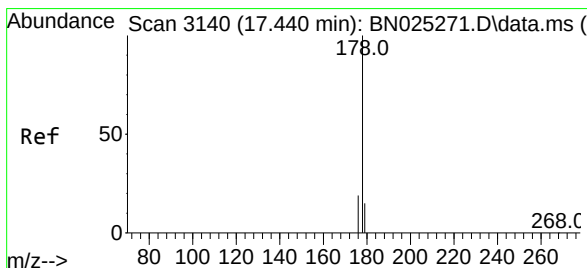
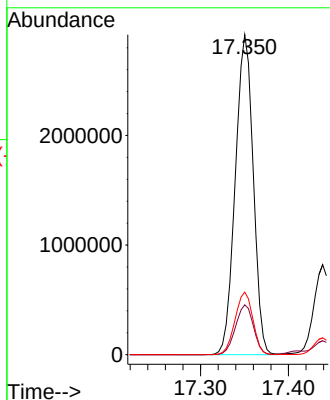
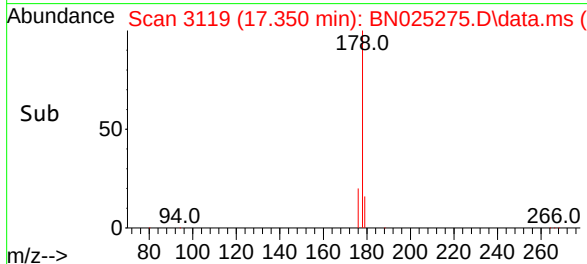
Instrument :
BNA_N
ClientSampleId :
EW913DL



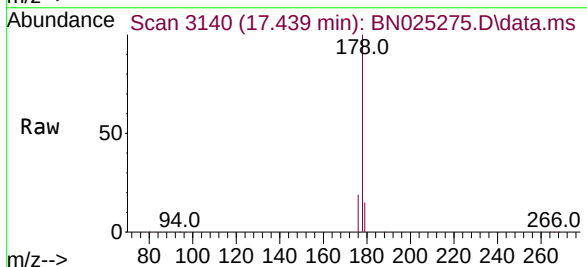
Tgt Ion:178 Resp: 412553
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.5 15.6 23.4

Manual Integrations
APPROVED

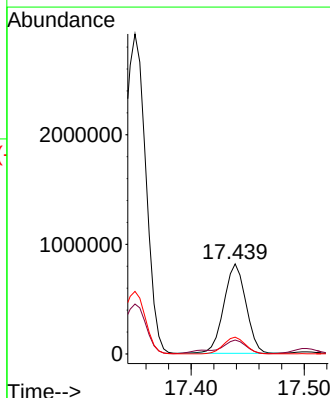
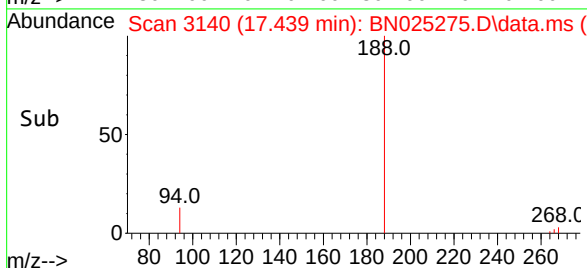
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

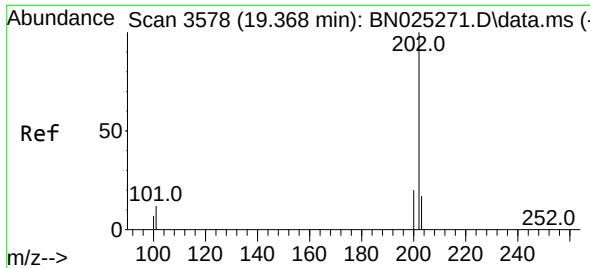


#16
Anthracene
Concen: 12.495 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55



Tgt Ion:178 Resp: 1105983
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.7 15.3 22.9





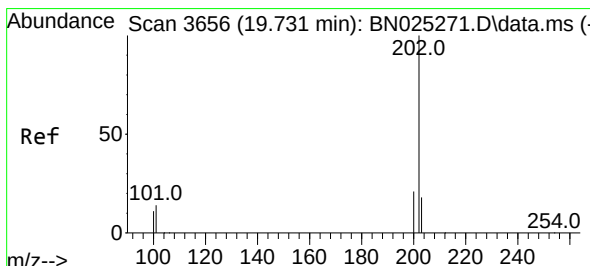
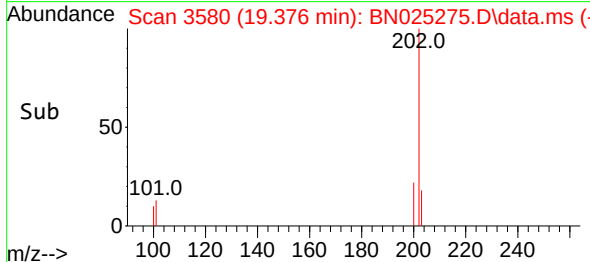
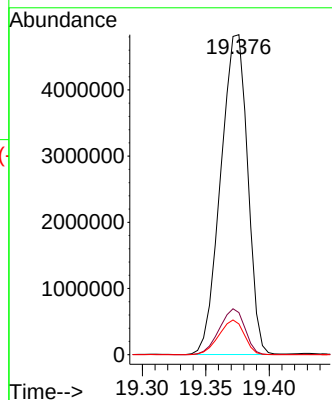
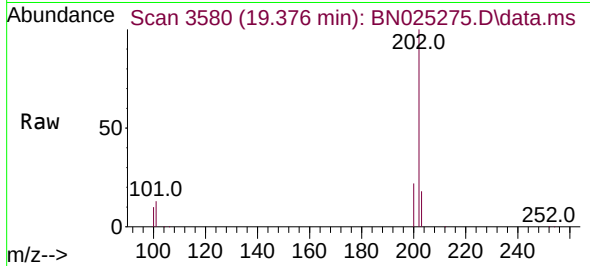
#19
Fluoranthene
Concen: 88.979 ng/ul
RT: 19.376 min Scan# 3580
Delta R.T. 0.008 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Instrument :
BNA_N
ClientSampleId :
EW913DL

Tgt Ion:202 Resp: 712646
Ion Ratio Lower Upper
202 100
101 13.1 9.7 14.5
100 9.6 7.3 10.9

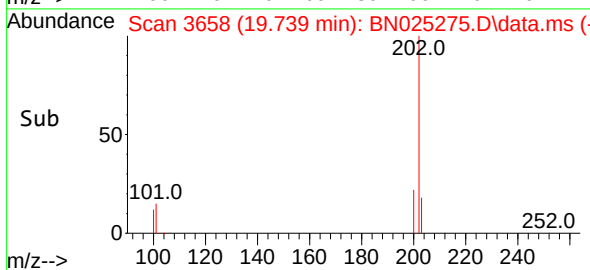
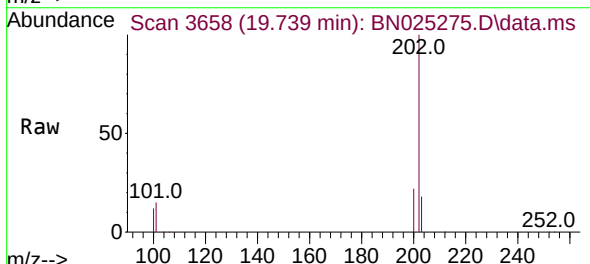
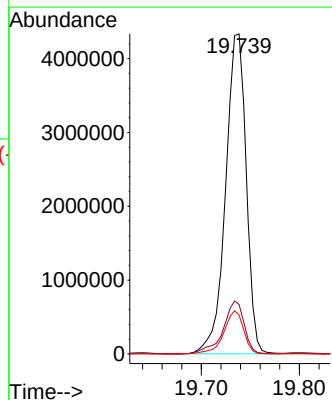
Manual Integrations
APPROVED

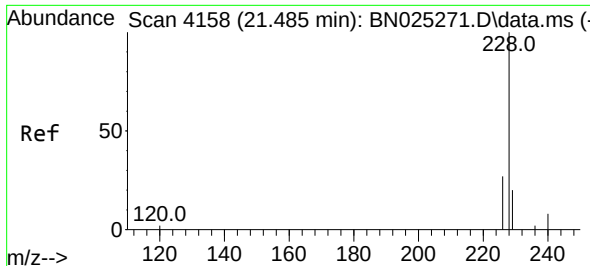
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#20
Pyrene
Concen: 77.138 ng/ul
RT: 19.739 min Scan# 3658
Delta R.T. 0.008 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

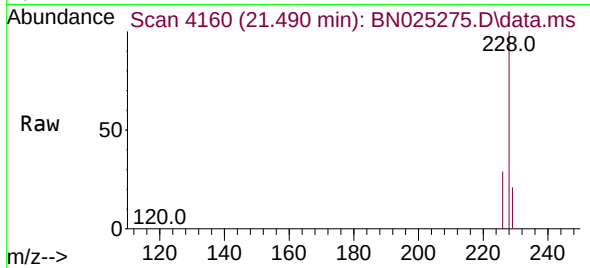
Tgt Ion:202 Resp: 6347639
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 12.1 9.2 13.8





#21
Benzo(a)anthracene
Concen: 41.451 ng/u1
RT: 21.490 min Scan# 4158
Delta R.T. 0.005 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

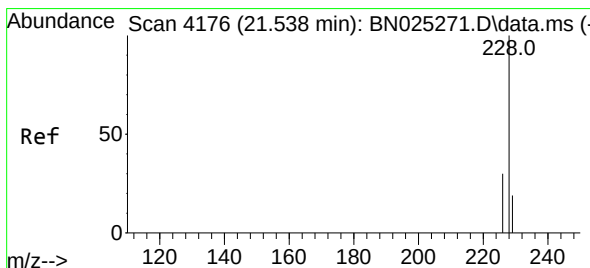
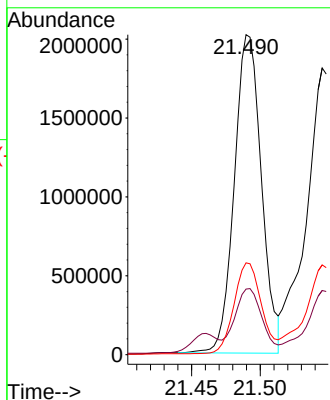
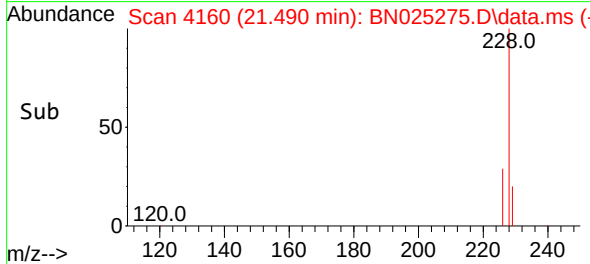
Instrument :
BNA_N
ClientSampleId :
EW913DL



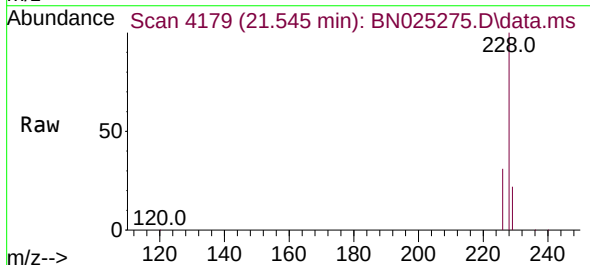
Tgt Ion:228 Resp: 276644
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.7 22.1 33.1

Manual Integrations
APPROVED

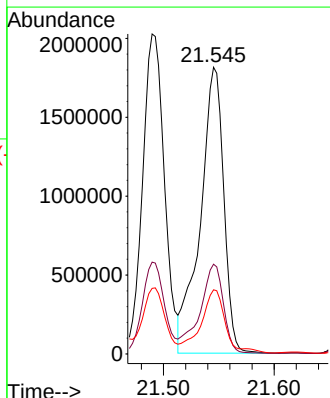
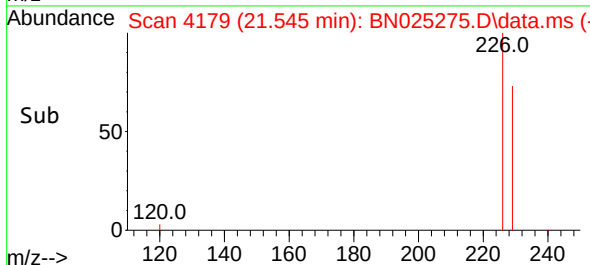
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

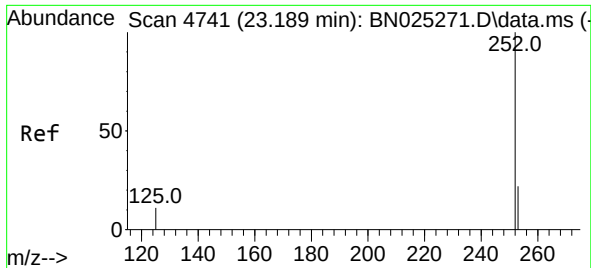


#22
Chrysene
Concen: 36.686 ng/u1
RT: 21.545 min Scan# 4179
Delta R.T. 0.007 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55



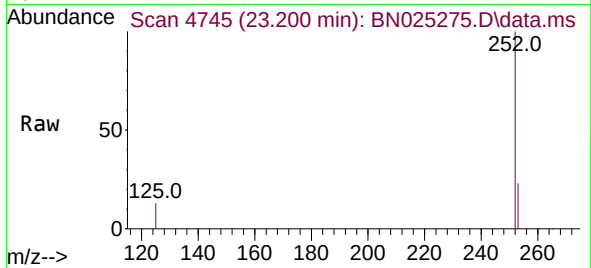
Tgt Ion:228 Resp: 2670950
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 28.026 ng/ul m
RT: 23.200 min Scan# 4745
Delta R.T. 0.010 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

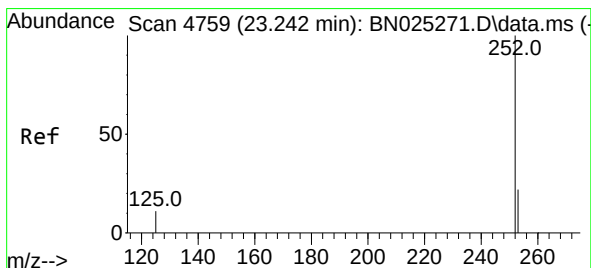
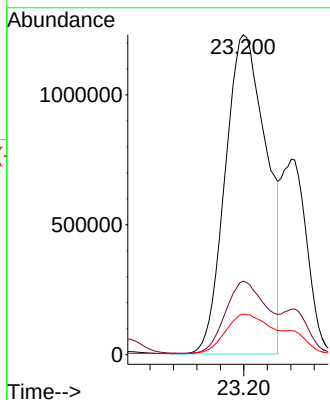
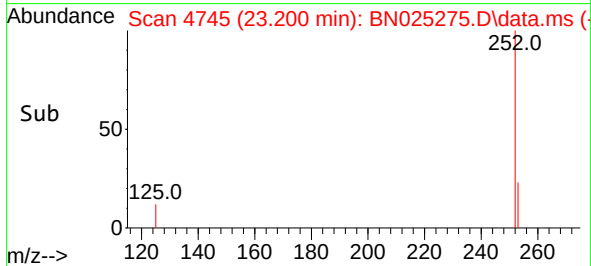
Instrument :
BNA_N
ClientSampleId :
EW913DL



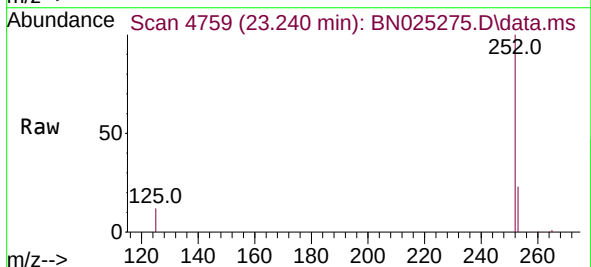
Tgt Ion:252 Resp: 300436
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 12.7 0.0 30.4

Manual Integrations
APPROVED

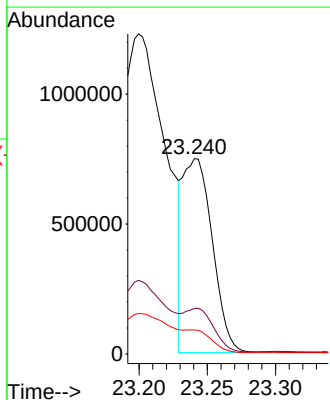
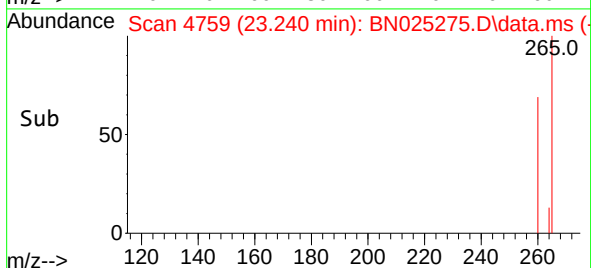
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

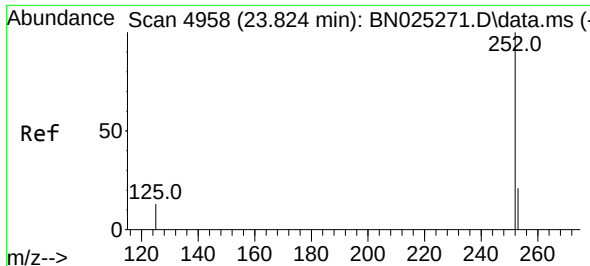


#25
Benzo(k)fluoranthene
Concen: 10.921 ng/ul m
RT: 23.240 min Scan# 4759
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55



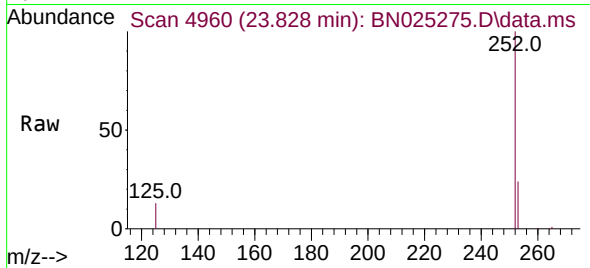
Tgt Ion:252 Resp: 1126120
Ion Ratio Lower Upper
252 100
253 23.3 20.2 30.4
125 12.3 11.8 17.8





#26
Benzo(a)pyrene
Concen: 25.046 ng/ul
RT: 23.828 min Scan# 4958
Delta R.T. 0.005 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

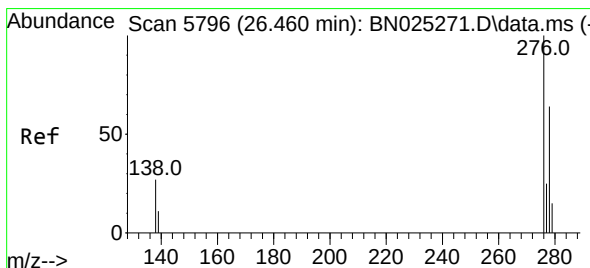
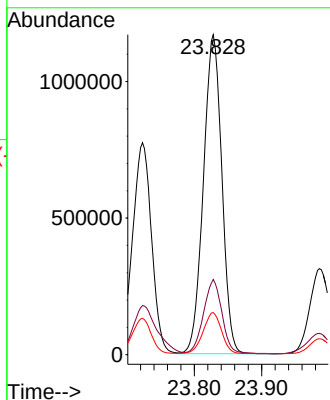
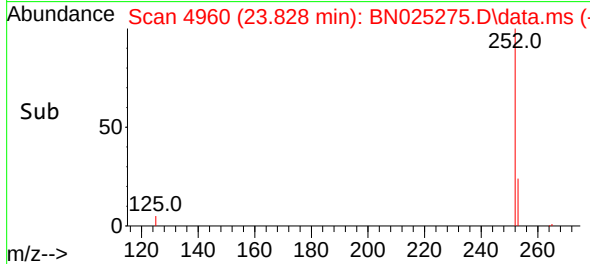
Instrument :
BNA_N
ClientSampleId :
EW913DL



Tgt Ion:252 Resp: 2221380
Ion Ratio Lower Upper
252 100
253 23.5 21.4 32.2
125 13.1 14.6 22.0

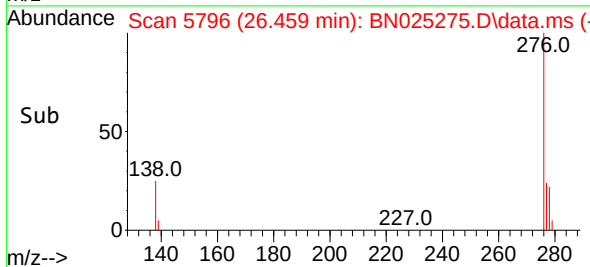
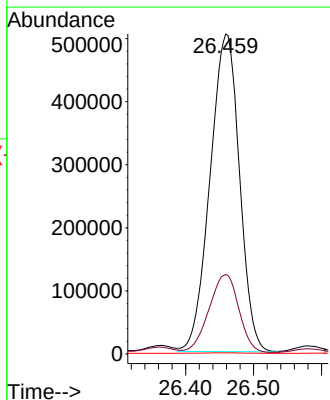
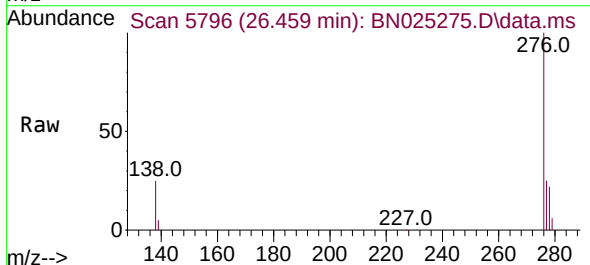
Manual Integrations
APPROVED

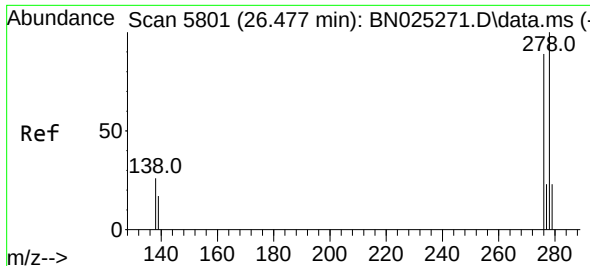
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 14.819 ng/ul
RT: 26.459 min Scan# 5796
Delta R.T. -0.001 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

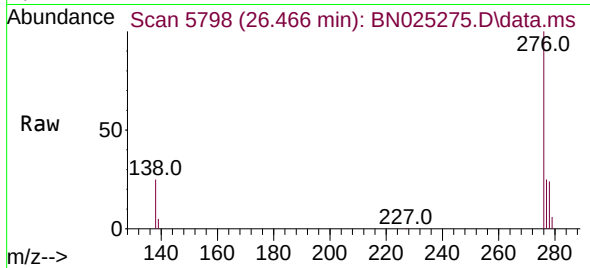
Tgt Ion:276 Resp: 1514395
Ion Ratio Lower Upper
276 100
138 24.9 21.9 32.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 4.790 ng/ul
RT: 26.466 min Scan# 51
Delta R.T. -0.011 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

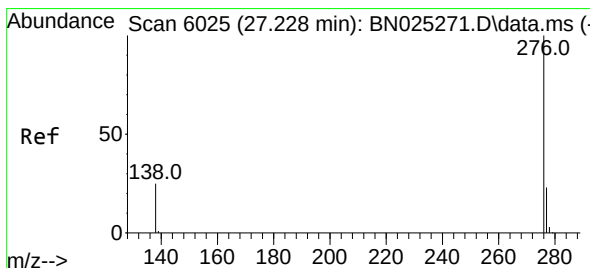
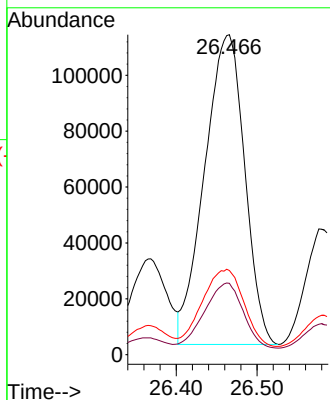
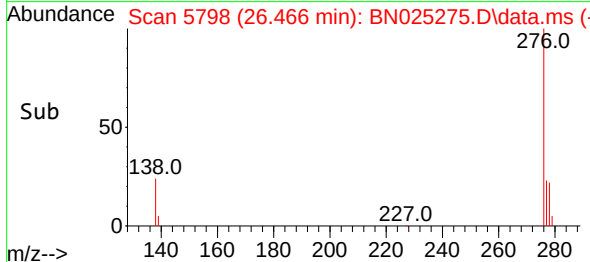
Instrument :
BNA_N
ClientSampleId :
EW913DL



Tgt Ion:278 Resp: 38234
Ion Ratio Lower Upper
278 100
139 22.3 17.0 25.6
279 26.3 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: 15.731 ng/ul
RT: 27.240 min Scan# 6029
Delta R.T. 0.012 min
Lab File: BN025275.D
Acq: 05 May 2023 11:55

Tgt Ion:276 Resp: 1366947
Ion Ratio Lower Upper
276 100
138 25.3 20.3 30.5
277 24.1 19.8 29.6

