

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025226.D
 Acq On : 02 May 2023 18:35
 Operator : CG/JU
 Sample : 02419-32DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW927DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:30:30 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7982	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	28195	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	17680	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	40418	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	35181	0.400	ng/ul	# 0.00
23) Perylene-d12	23.937	264	33801	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3829	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1217	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3516	0.038	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	33738	0.467	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	20103	0.454	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	13727	0.291	ng/ul	100
10) Acenaphthylene	14.279	152	15790	0.240	ng/ul#	95
11) Acenaphthene	14.621	153	48032	0.865	ng/ul	99
12) Fluorene	15.611	166	50859	0.819	ng/ul	100
15) Phenanthrene	17.351	178	728045	6.382	ng/ul	99
16) Anthracene	17.440	178	186372	1.997	ng/ul	99
19) Fluoranthene	19.368	202	1678888	13.197	ng/ul	98
20) Pyrene	19.735	202	1601176	12.250	ng/ul	98
21) Benzo(a)anthracene	21.485	228	815411	7.692	ng/ul	99
22) Chrysene	21.537	228	793611	6.862	ng/ul	98
24) Benzo(b)fluoranthene	23.195	252	922334m	6.726	ng/ul	
25) Benzo(k)fluoranthene	23.241	252	358862m	2.721	ng/ul	
26) Benzo(a)pyrene	23.832	252	702599	6.192	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.483	276	399505	3.056	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.493	278	90974	0.891	ng/ul	96
29) Benzo(g,h,i)perylene	27.268	276	339844	3.057	ng/ul	100

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

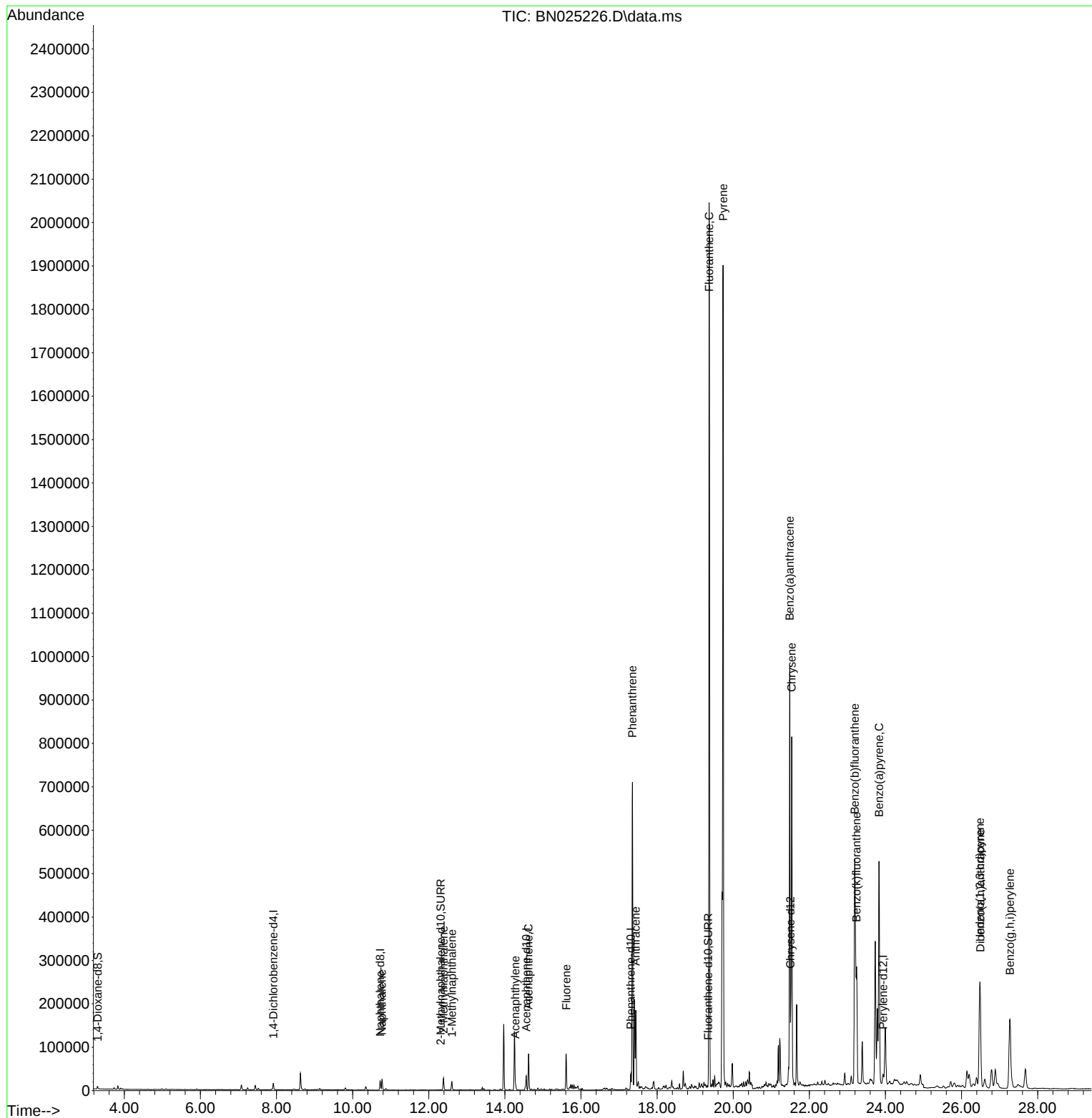
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025226.D
Acq On : 02 May 2023 18:35
Operator : CG/JU
Sample : 02419-32DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

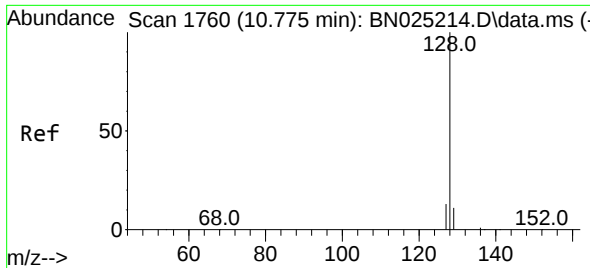
Instrument :
BNA_N
ClientSampleId :
EW927DL

Quant Time: May 03 02:30:30 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 : Tue May 02 16:21:17 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

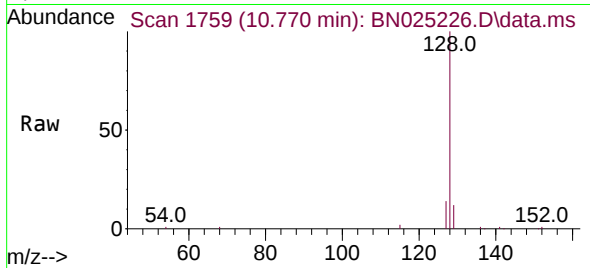
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023





#5
Naphthalene
Concen: 0.467 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.005 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

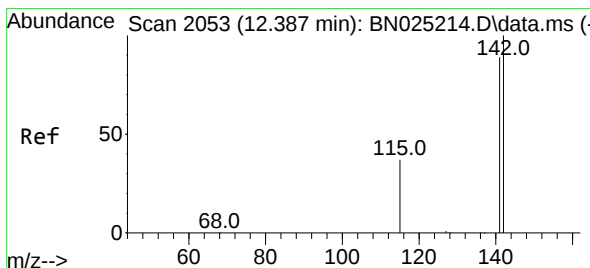
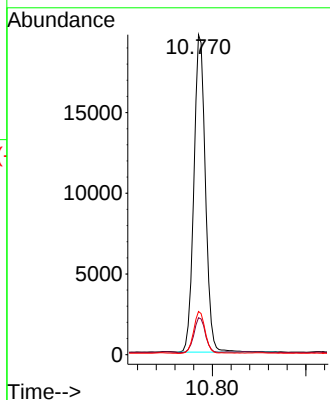
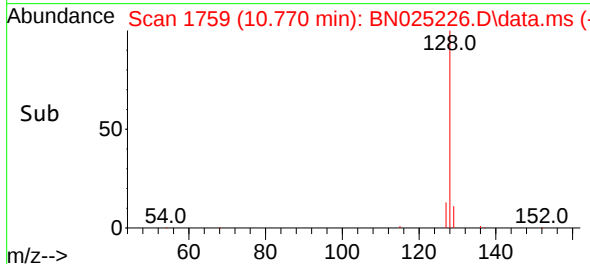
Instrument :
BNA_N
ClientSampleId :
EW927DL



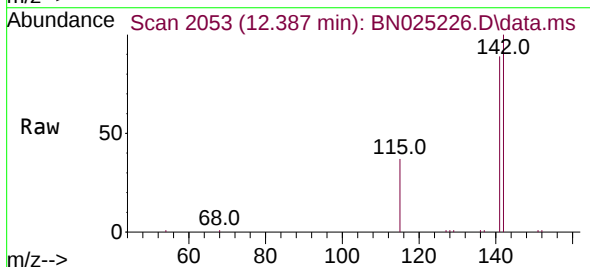
Tgt Ion:128 Resp: 33738
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.5 10.7 16.1

Manual Integrations
APPROVED

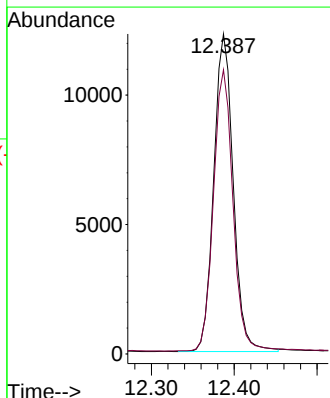
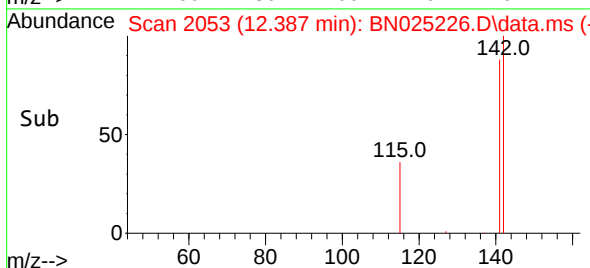
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

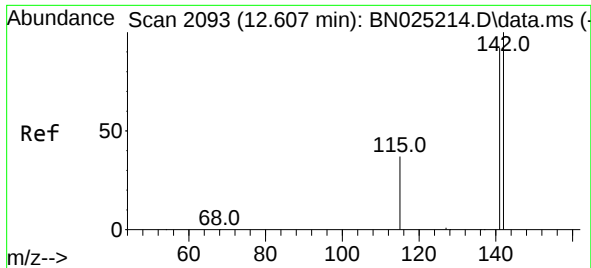


#7
2-Methylnaphthalene
Concen: 0.454 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35



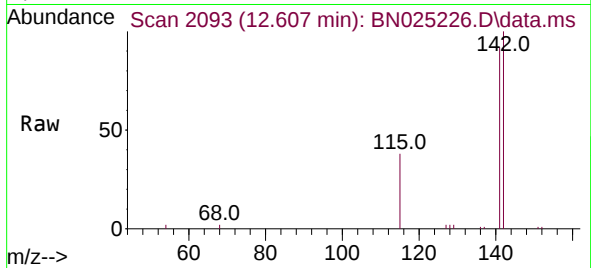
Tgt Ion:142 Resp: 20103
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

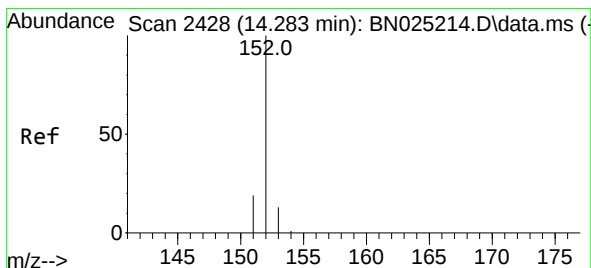
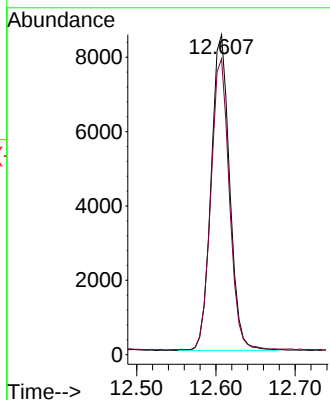
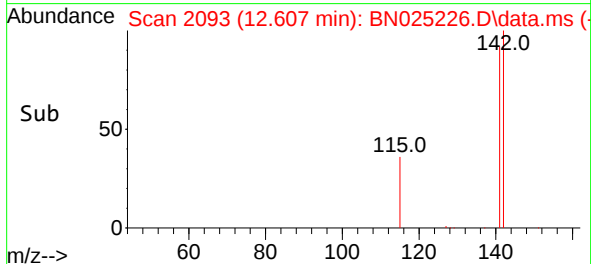
Instrument :
BNA_N
ClientSampleId :
EW927DL



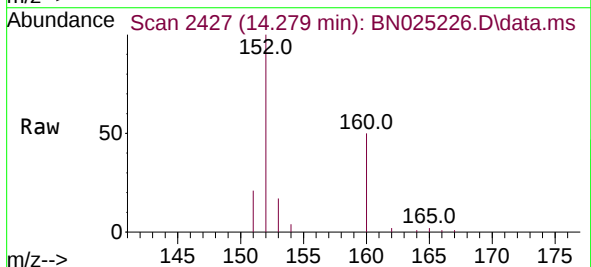
Tgt Ion:142 Resp: 1372
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6

Manual Integrations
APPROVED

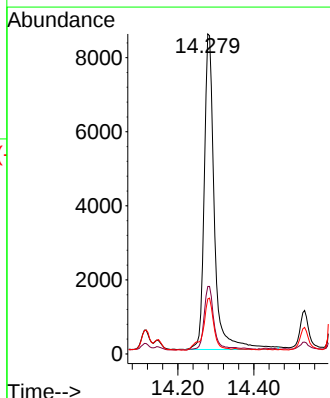
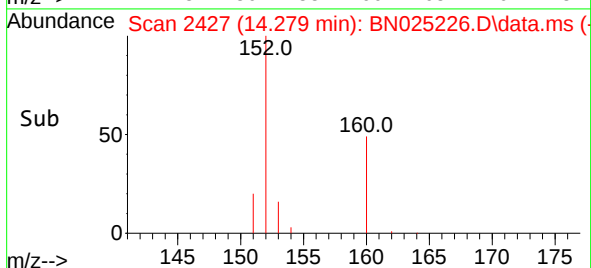
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

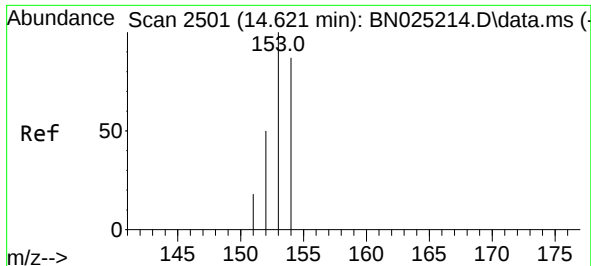


#10
Acenaphthylene
Concen: 0.240 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35



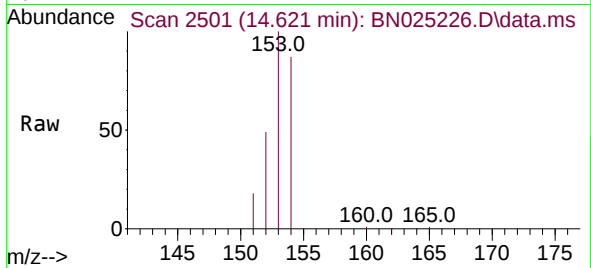
Tgt Ion:152 Resp: 15790
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 17.2 10.8 16.2#





#11
Acenaphthene
Concen: 0.865 ng/u1
RT: 14.621 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

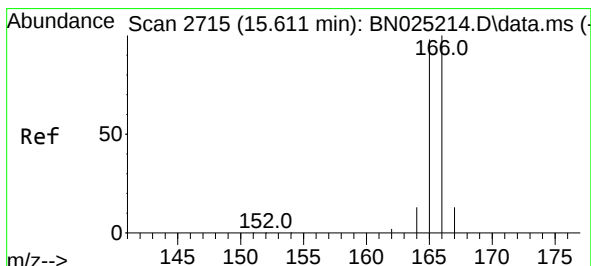
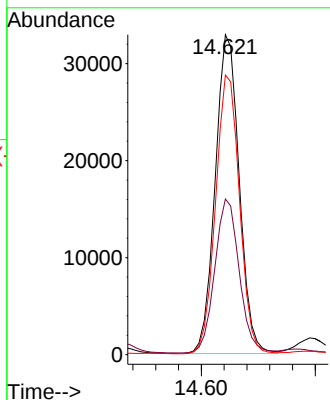
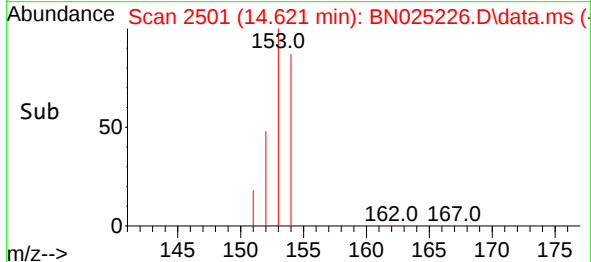
Instrument :
BNA_N
ClientSampleId :
EW927DL



Tgt Ion:153 Resp: 48032
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 87.4 69.4 104.2

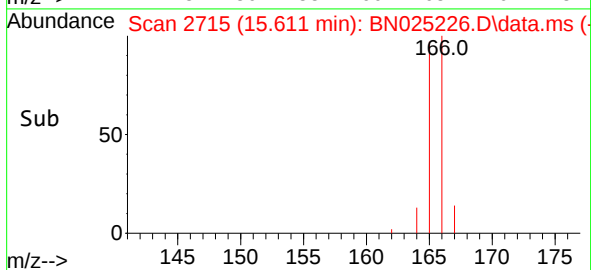
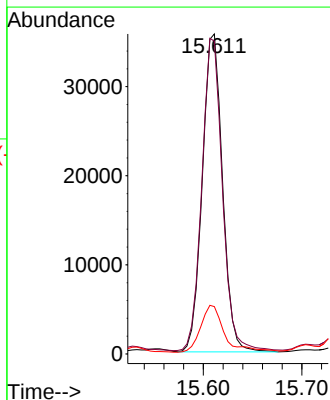
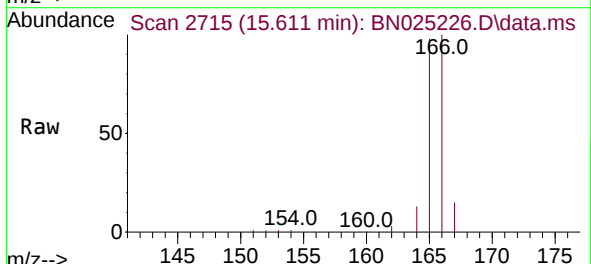
Manual Integrations
APPROVED

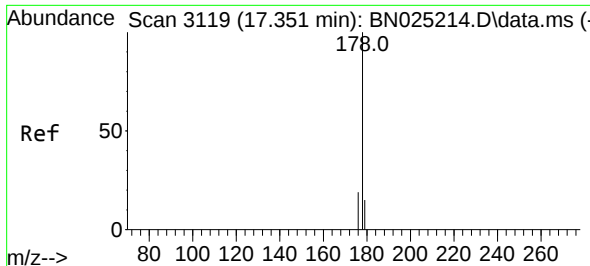
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#12
Fluorene
Concen: 0.819 ng/u1
RT: 15.611 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

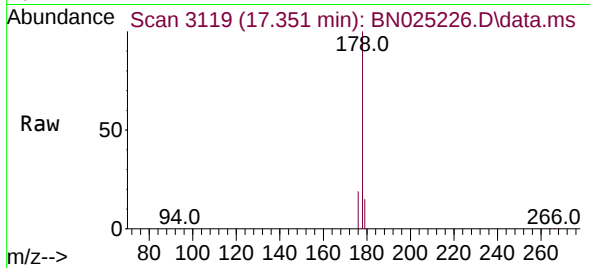
Tgt Ion:166 Resp: 50859
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 14.8 11.0 16.6





#15
Phenanthrene
Concen: 6.382 ng/u1
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

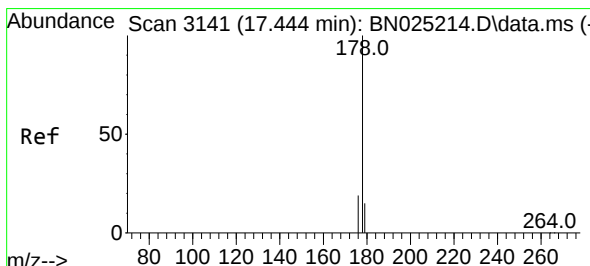
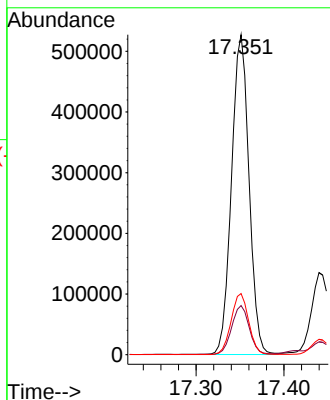
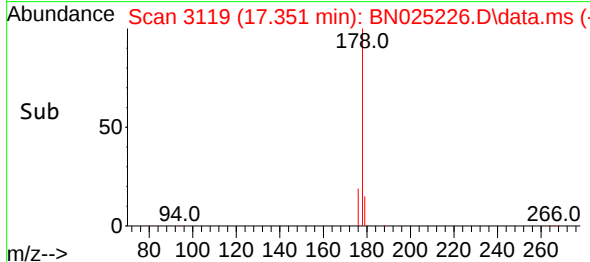
Instrument :
BNA_N
ClientSampleId :
EW927DL



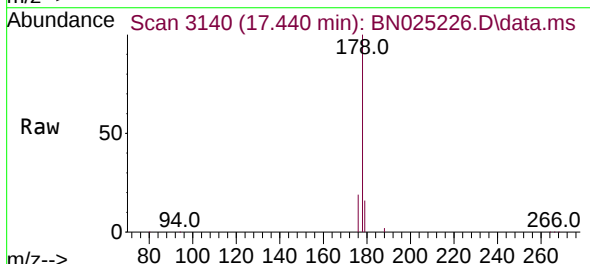
Tgt Ion:178 Resp: 728045
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.1 15.6 23.4

Manual Integrations
APPROVED

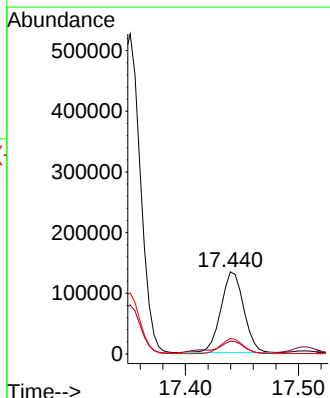
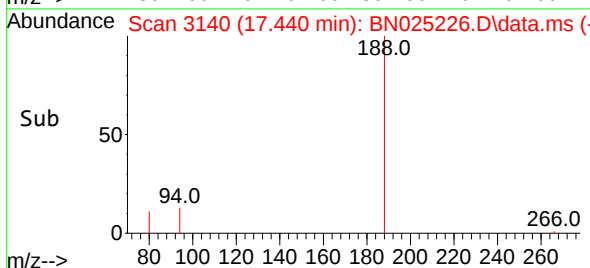
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

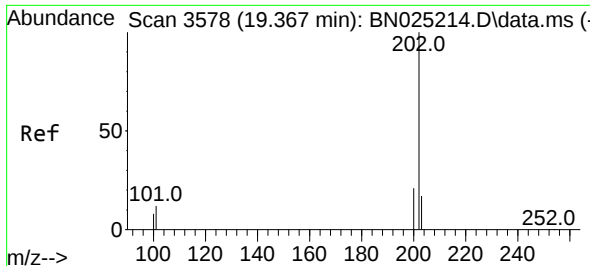


#16
Anthracene
Concen: 1.997 ng/u1
RT: 17.440 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35



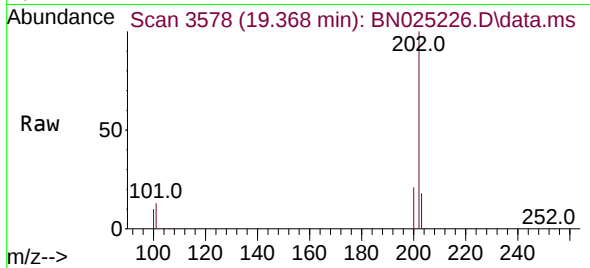
Tgt Ion:178 Resp: 186372
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.7 15.3 22.9





#19
Fluoranthene
Concen: 13.197 ng/u1
RT: 19.368 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

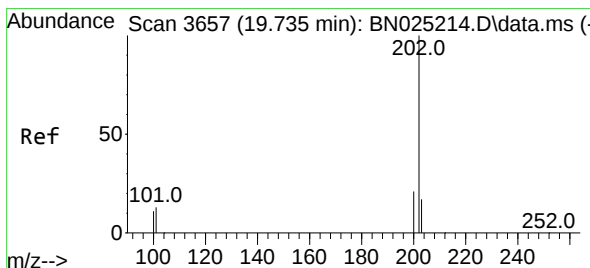
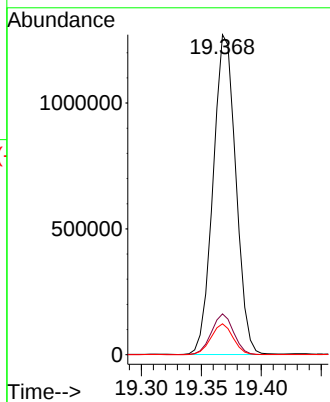
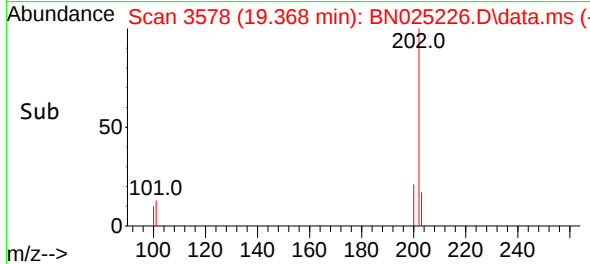
Instrument :
BNA_N
ClientSampleId :
EW927DL



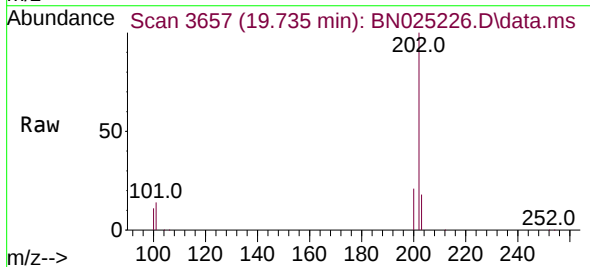
Tgt Ion:202 Resp: 167888
Ion Ratio Lower Upper
202 100
101 12.8 9.7 14.5
100 9.6 7.3 10.9

Manual Integrations
APPROVED

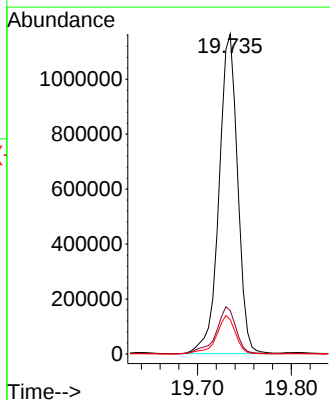
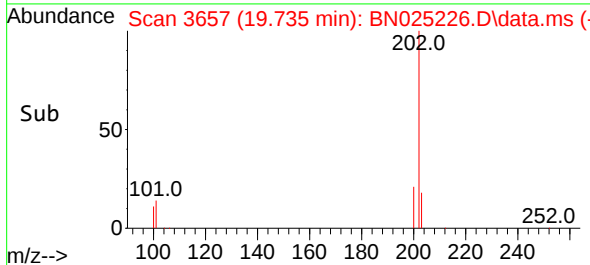
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

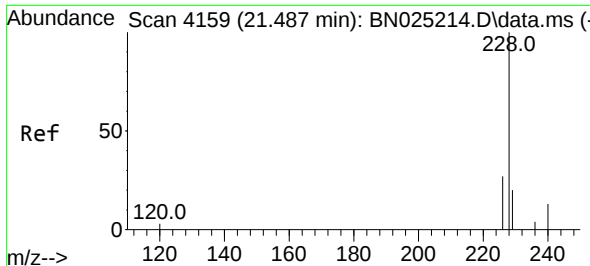


#20
Pyrene
Concen: 12.250 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35



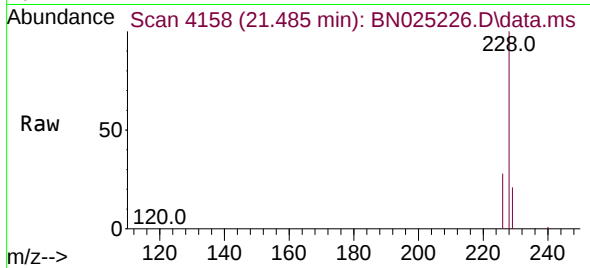
Tgt Ion:202 Resp: 1601176
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.7 9.2 13.8





#21
Benzo(a)anthracene
Concen: 7.692 ng/u1
RT: 21.485 min Scan# 4159
Delta R.T. -0.003 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

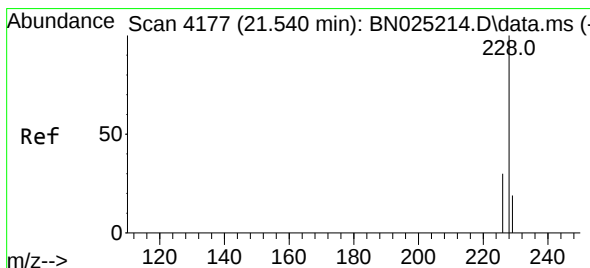
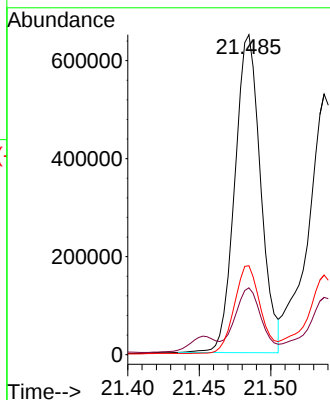
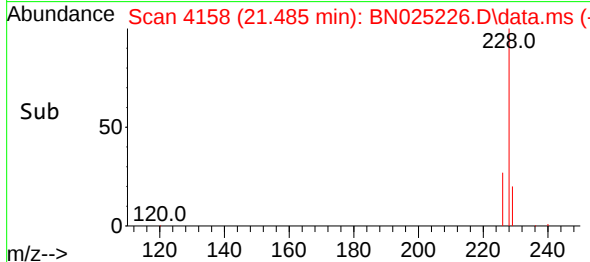
Instrument :
BNA_N
ClientSampleId :
EW927DL



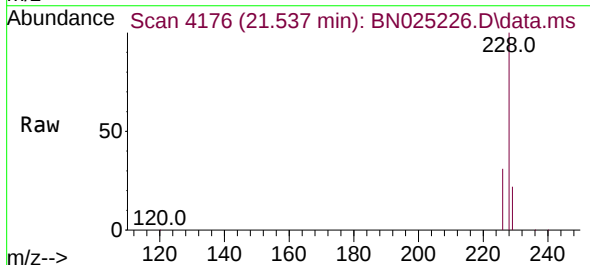
Tgt Ion:228 Resp: 815411
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 27.8 22.1 33.1

Manual Integrations
APPROVED

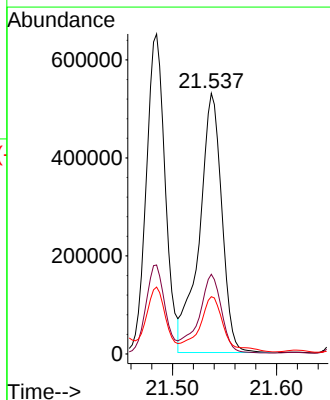
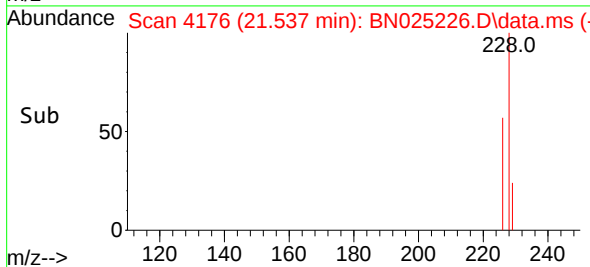
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

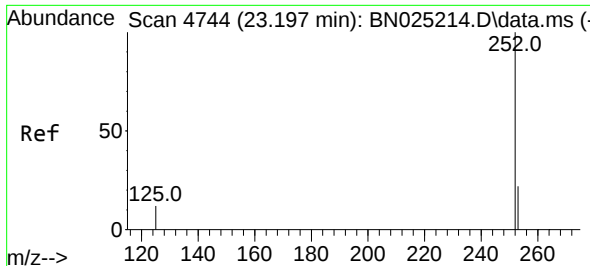


#22
Chrysene
Concen: 6.862 ng/u1
RT: 21.537 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35



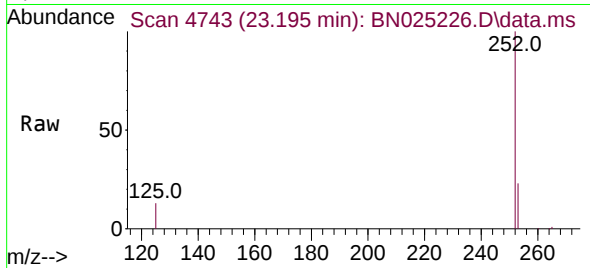
Tgt Ion:228 Resp: 793611
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 6.726 ng/ul m
RT: 23.195 min Scan# 4743
Delta R.T. -0.003 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

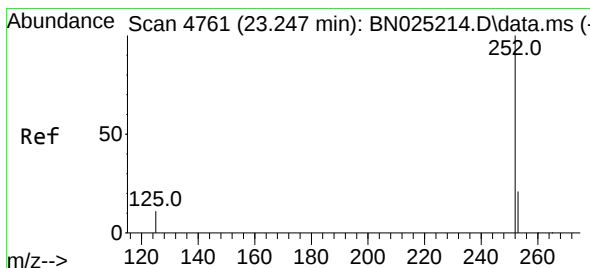
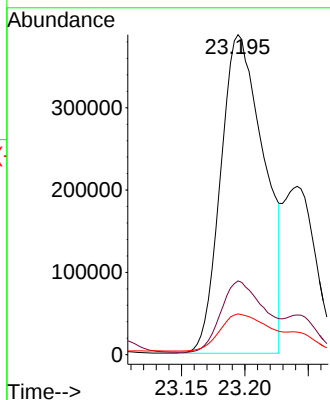
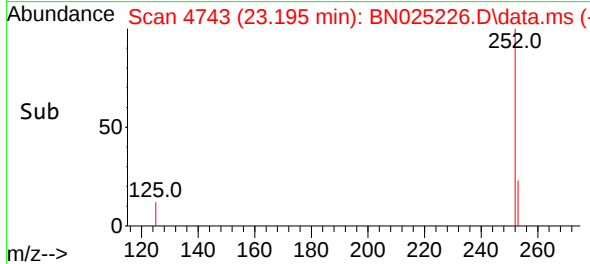
Instrument :
BNA_N
ClientSampleId :
EW927DL



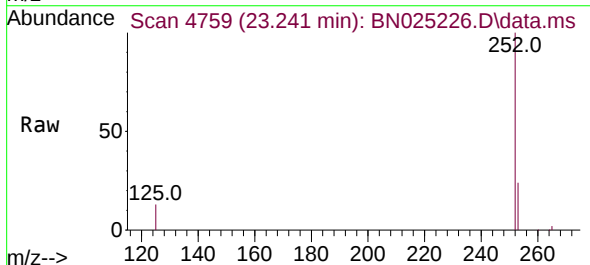
Tgt Ion:252 Resp: 922334
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 12.7 0.0 30.4

Manual Integrations
APPROVED

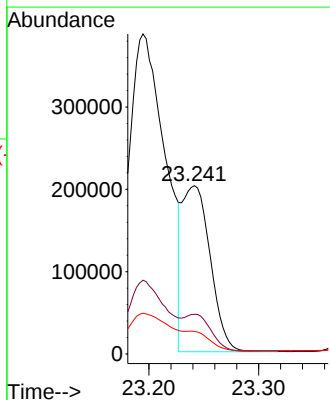
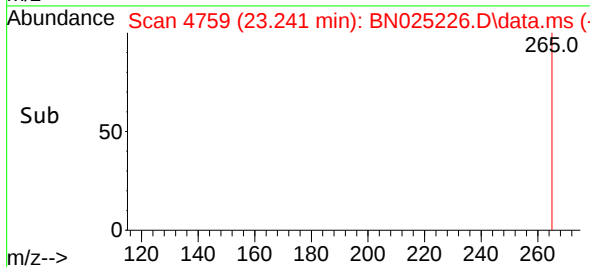
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

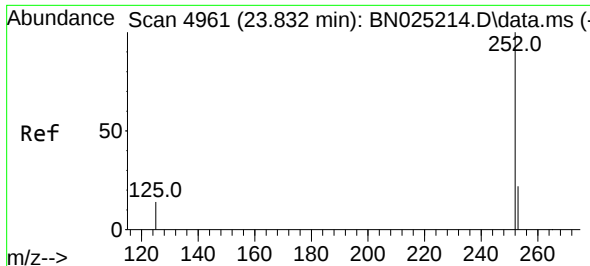


#25
Benzo(k)fluoranthene
Concen: 2.721 ng/ul m
RT: 23.241 min Scan# 4759
Delta R.T. -0.006 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35



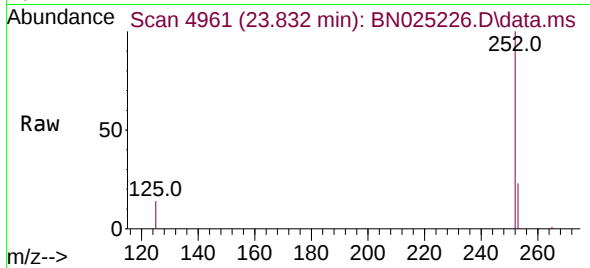
Tgt Ion:252 Resp: 358862
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.4
125 13.5 11.8 17.8





#26
Benzo(a)pyrene
Concen: 6.192 ng/ul
RT: 23.832 min Scan# 4961
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

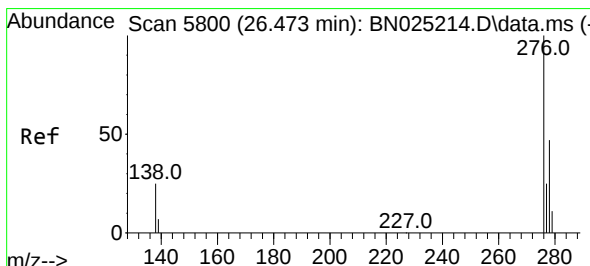
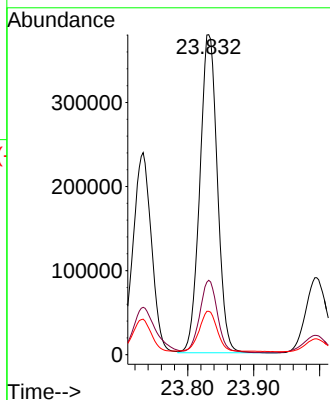
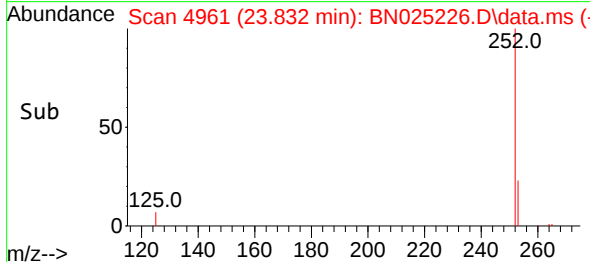
Instrument :
BNA_N
ClientSampleId :
EW927DL



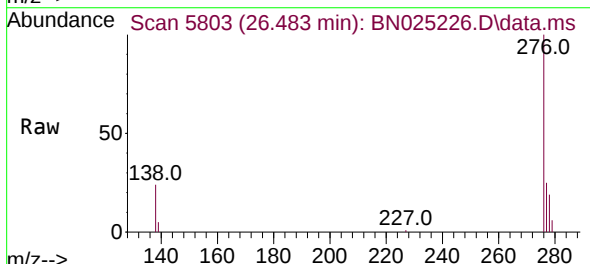
Tgt Ion:252 Resp: 702595
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.2
125 13.6 14.6 22.0

Manual Integrations
APPROVED

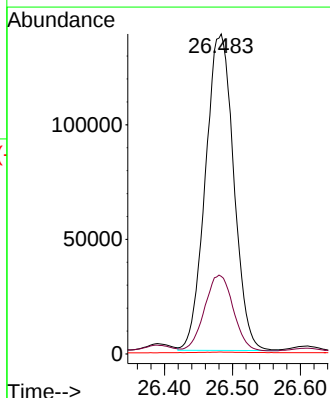
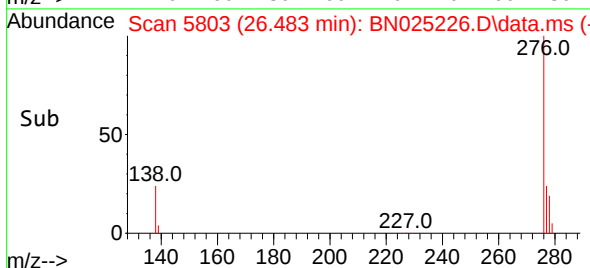
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

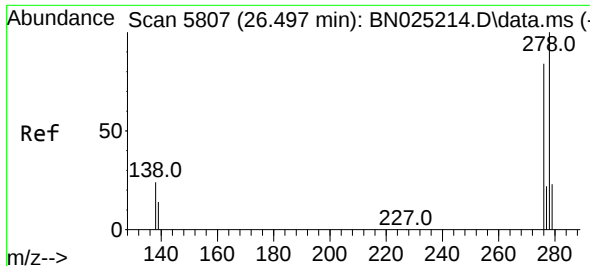


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.056 ng/ul
RT: 26.483 min Scan# 5803
Delta R.T. 0.010 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35



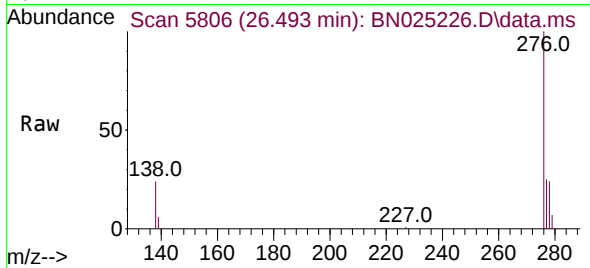
Tgt Ion:276 Resp: 399505
Ion Ratio Lower Upper
276 100
138 24.2 21.9 32.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.891 ng/ul
RT: 26.493 min Scan# 5807
Delta R.T. -0.003 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

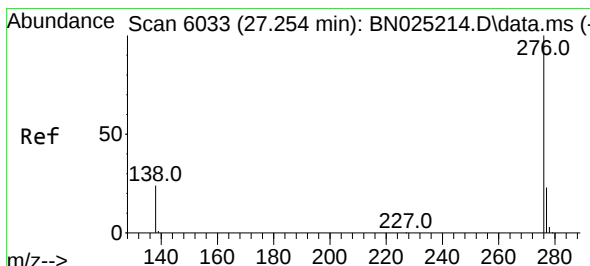
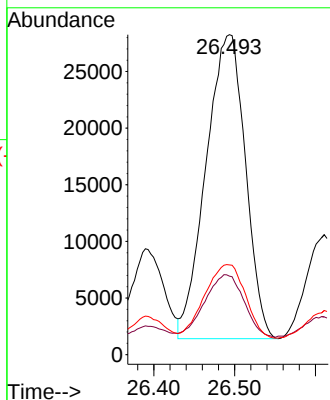
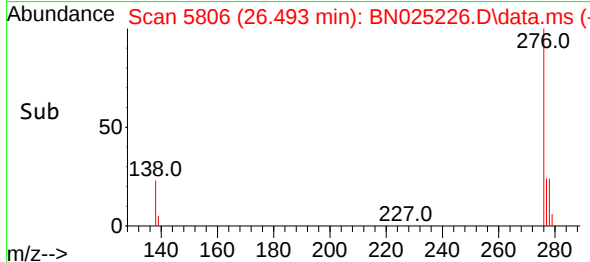
Instrument :
BNA_N
ClientSampleId :
EW927DL



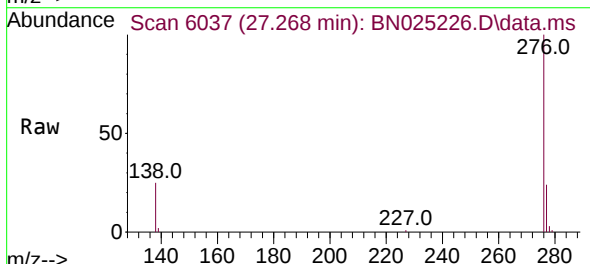
Tgt Ion:278 Resp: 90974
Ion Ratio Lower Upper
278 100
139 24.6 17.0 25.6
279 28.0 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#29
Benzo(g,h,i)perylene
Concen: 3.057 ng/ul
RT: 27.268 min Scan# 6037
Delta R.T. 0.014 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35



Tgt Ion:276 Resp: 339844
Ion Ratio Lower Upper
276 100
138 25.3 20.3 30.5
277 24.4 19.8 29.6

