

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025825.D
 Acq On : 14 Jun 2023 03:01
 Operator : MA/JU
 Sample : 02950-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW995

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 14 03:38:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	8918	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.813	136	27389	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.639	164	15627	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	29603	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240	14778	0.400	ng/ul	0.00
23) Perylene-d12	24.045	264	15449	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	21026	2.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.402	152	5599	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	10874	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.868	128	1448	0.021	ng/ul#	81
7) 2-Methylnaphthalene	12.479	142	1233	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	1109	0.024	ng/ul	97
11) Acenaphthene	14.699	153	1146	0.022	ng/ul	96
12) Fluorene	15.685	166	1591	0.028	ng/ul#	94
15) Phenanthrene	17.422	178	11798	0.137	ng/ul	98
16) Anthracene	17.511	178	2663	0.037	ng/ul#	85
19) Fluoranthene	19.437	202	19065	0.282	ng/ul	100
20) Pyrene	19.795	202	18128m	0.259	ng/ul	
21) Benzo(a)anthracene	21.548	228	5762	0.122	ng/ul#	91
22) Chrysene	21.604	228	7388	0.137	ng/ul#	83
24) Benzo(b)fluoranthene	23.287	252	7437m	0.118	ng/ul	
25) Benzo(k)fluoranthene	23.331	252	2947m	0.047	ng/ul	
26) Benzo(a)pyrene	23.936	252	5316	0.099	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.640	276	3888	0.064	ng/ul#	90
29) Benzo(g,h,i)perylene	27.445	276	3745	0.068	ng/ul#	87

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

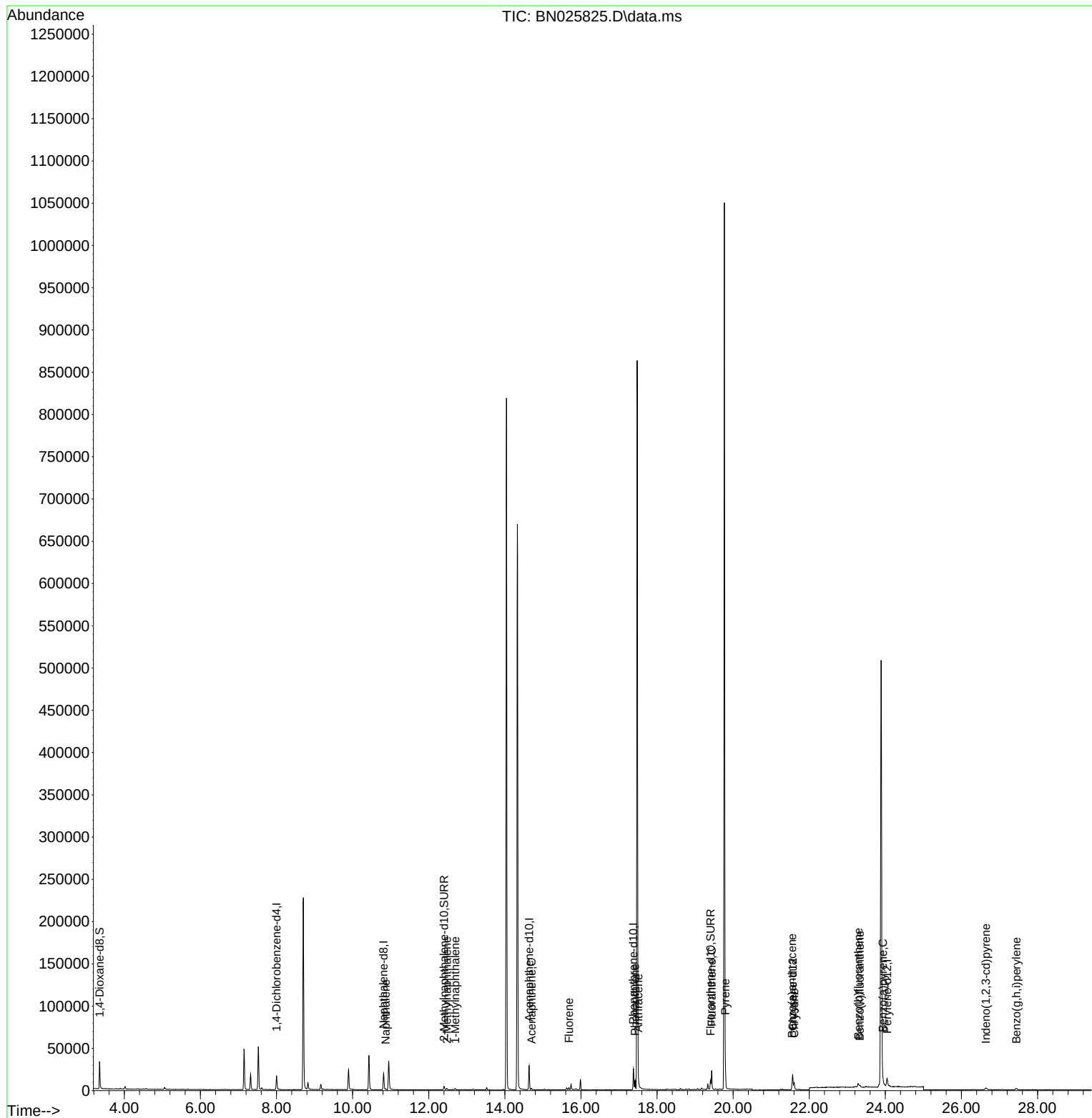
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025825.D
Acq On : 14 Jun 2023 03:01
Operator : MA/JU
Sample : 02950-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

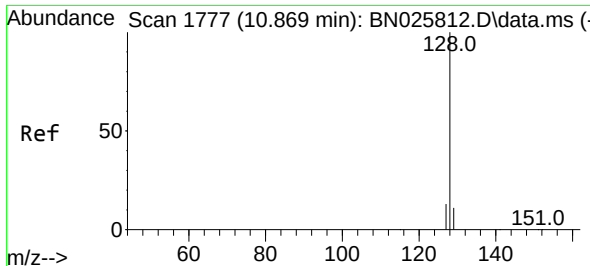
Instrument :
BNA_N
ClientSampleId :
EW995

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

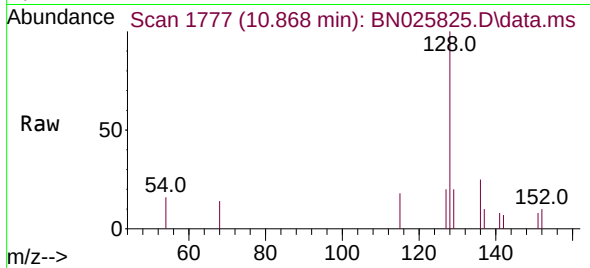
Quant Time: Jun 14 03:38:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.868 min Scan# 1777
Delta R.T. -0.007 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

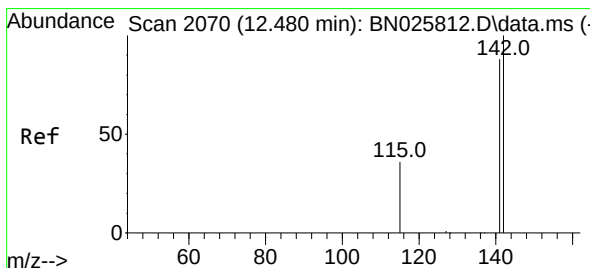
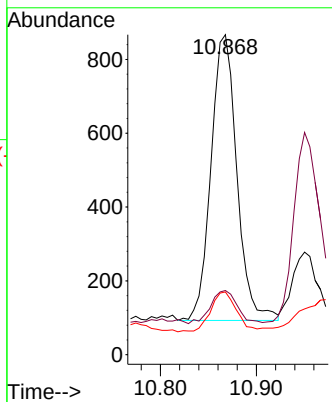
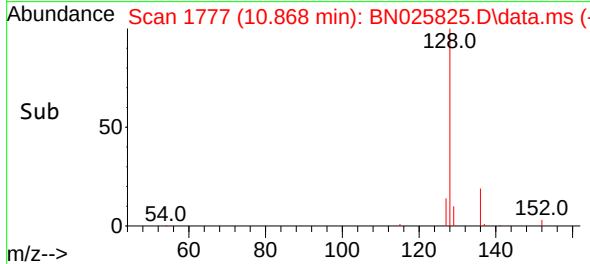
Instrument :
BNA_N
ClientSampleId :
EW995



Tgt Ion:128 Resp: 1448
Ion Ratio Lower Upper
128 100
129 20.1 9.1 13.7
127 19.6 10.5 15.7

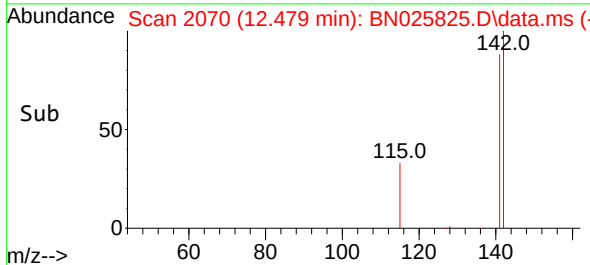
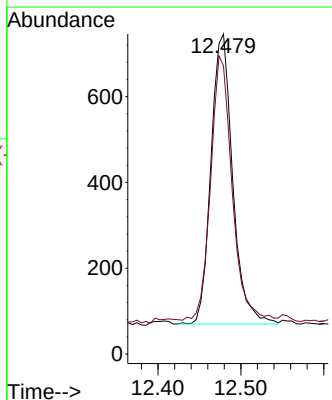
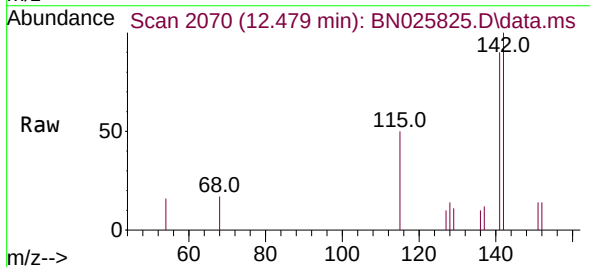
Manual Integrations
APPROVED

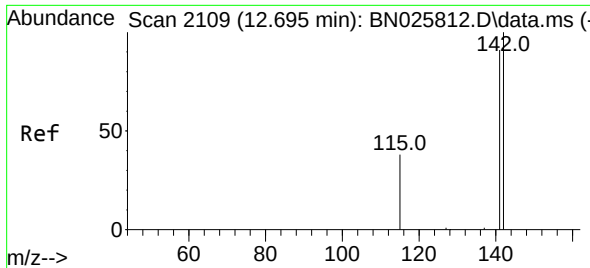
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.479 min Scan# 2070
Delta R.T. -0.001 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

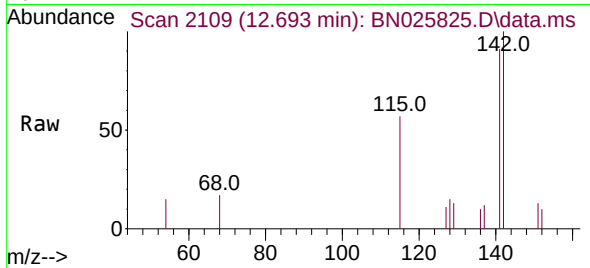
Tgt Ion:142 Resp: 1233
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.007 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

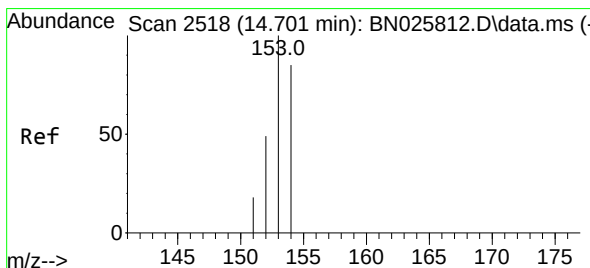
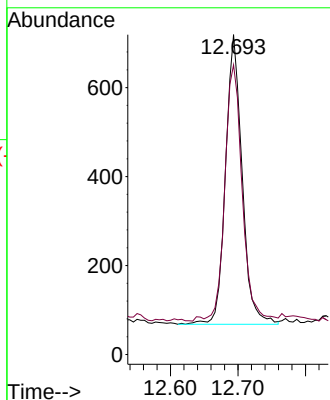
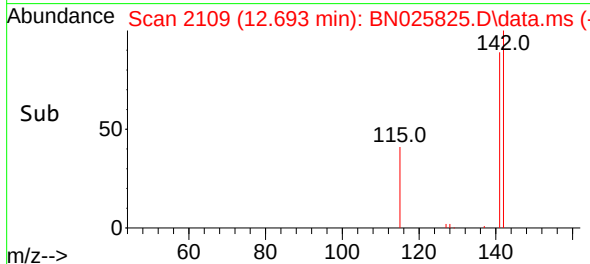
Instrument :
BNA_N
ClientSampleId :
EW995



Tgt Ion:142 Resp: 1109
Ion Ratio Lower Upper
142 100
141 89.5 74.0 111.0

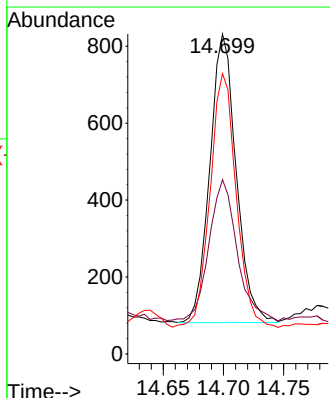
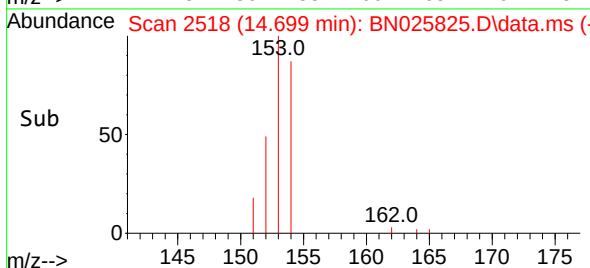
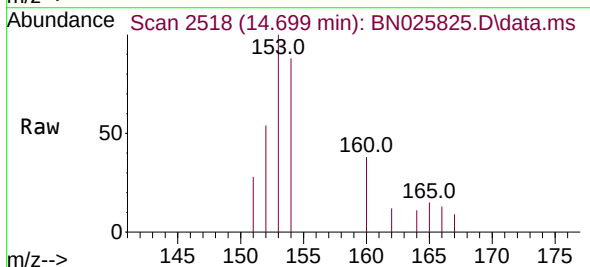
Manual Integrations
APPROVED

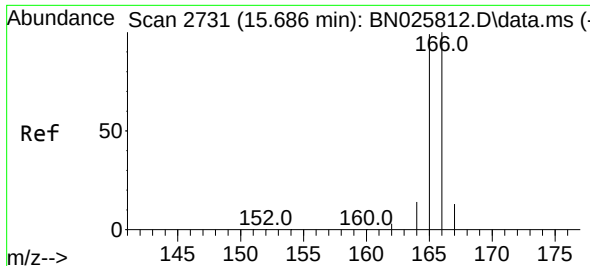
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.699 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

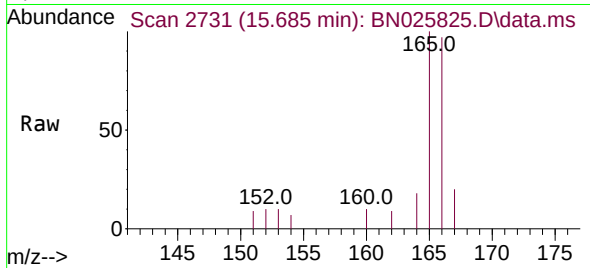
Tgt Ion:153 Resp: 1146
Ion Ratio Lower Upper
153 100
152 54.4 39.5 59.3
154 87.6 68.8 103.2





#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.685 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

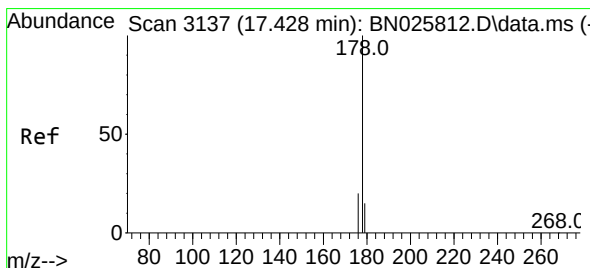
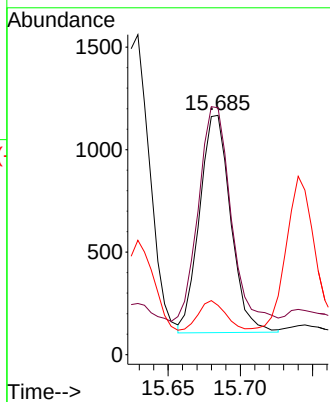
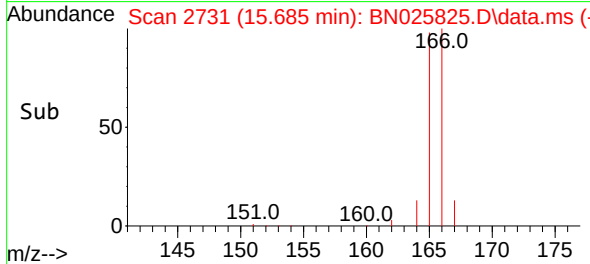
Instrument :
BNA_N
ClientSampleId :
EW995



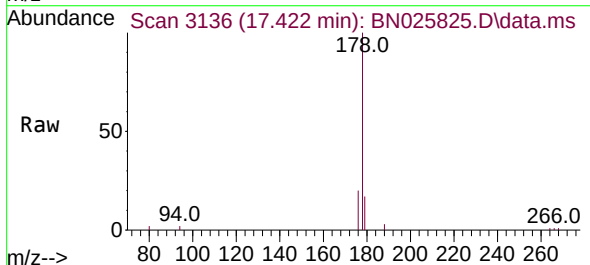
Tgt Ion:166 Resp: 159
Ion Ratio Lower Upper
166 100
165 103.1 79.2 118.8
167 20.5 11.0 16.6

Manual Integrations
APPROVED

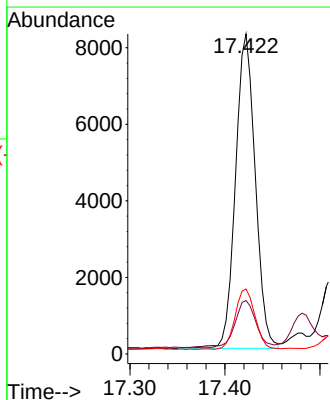
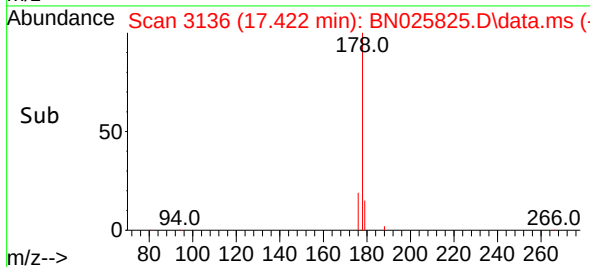
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

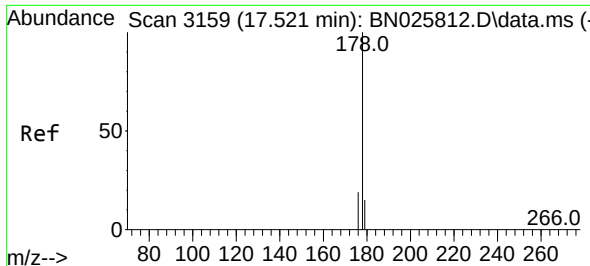


#15
Phenanthrene
Concen: 0.137 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01



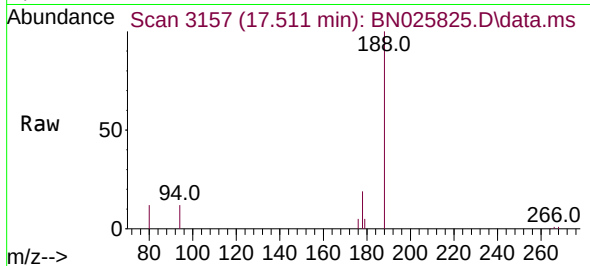
Tgt Ion:178 Resp: 11798
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 20.3 15.8 23.8





#16
 Anthracene
 Concen: 0.037 ng/ul
 RT: 17.511 min Scan# 3157
 Delta R.T. -0.013 min
 Lab File: BN025825.D
 Acq: 14 Jun 2023 03:01

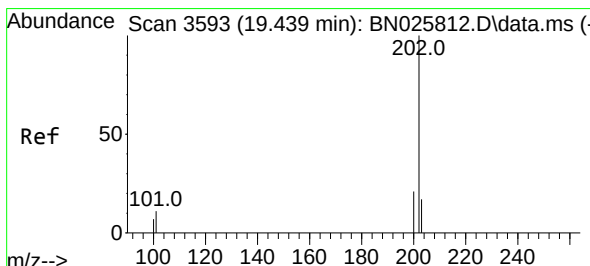
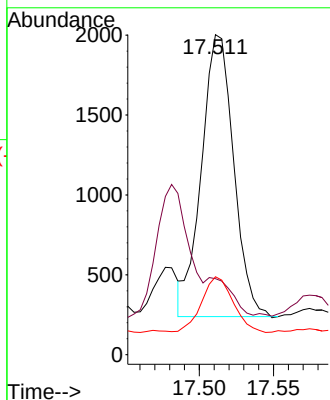
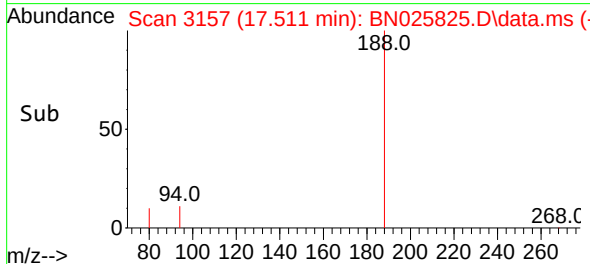
Instrument :
 BNA_N
 ClientSampleId :
 EW995



Tgt Ion:178 Resp: 266
 Ion Ratio Lower Upper
 178 100
 179 23.8 12.6 19.0
 176 24.4 15.4 23.2

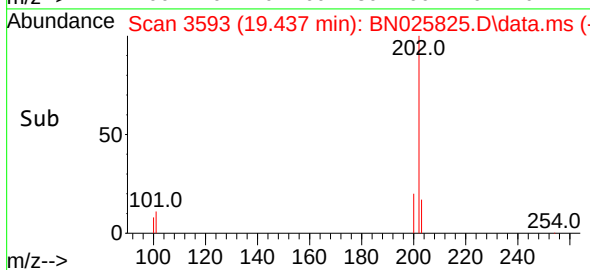
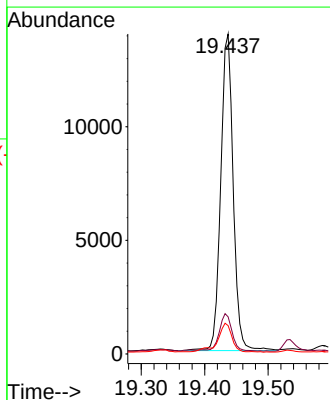
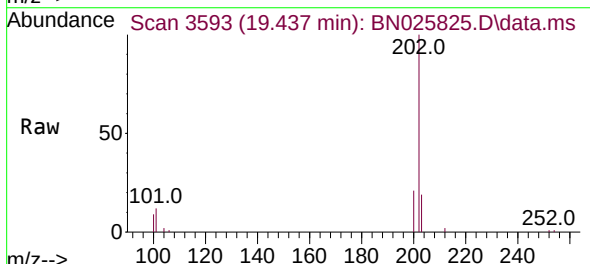
Manual Integrations
 APPROVED

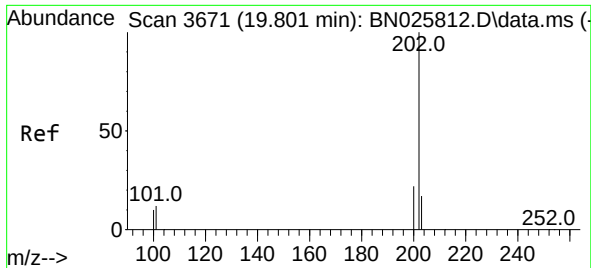
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



#19
 Fluoranthene
 Concen: 0.282 ng/ul
 RT: 19.437 min Scan# 3593
 Delta R.T. -0.005 min
 Lab File: BN025825.D
 Acq: 14 Jun 2023 03:01

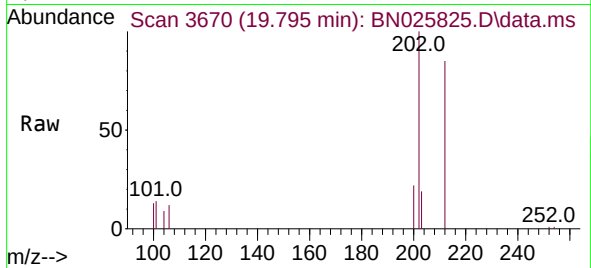
Tgt Ion:202 Resp: 19065
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.1 13.7
 100 8.8 7.0 10.6





#20
Pyrene
Concen: 0.259 ng/ul m
RT: 19.795 min Scan# 3670
Delta R.T. -0.010 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

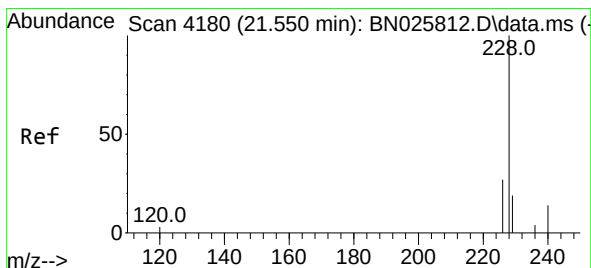
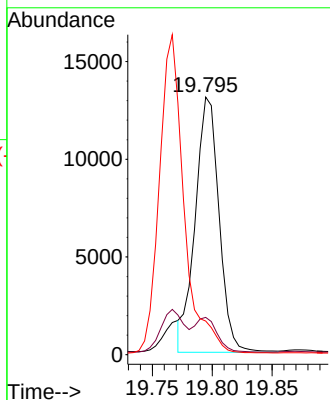
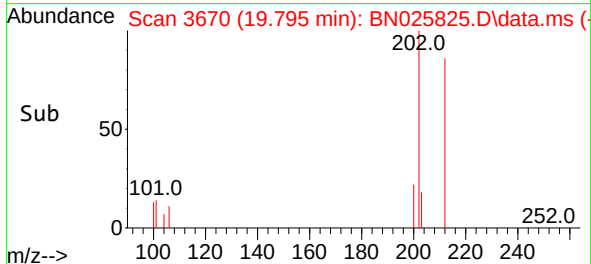
Instrument :
BNA_N
ClientSampleId :
EW995



Tgt Ion:202 Resp: 18128
Ion Ratio Lower Upper
202 100
101 14.5 10.4 15.6
100 13.1 8.8 13.2

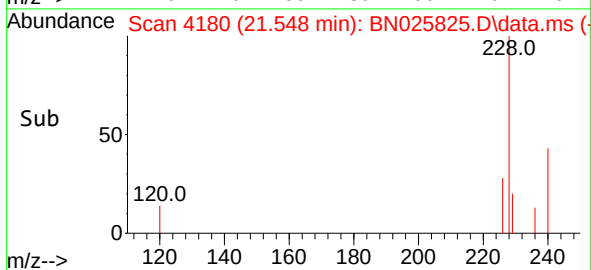
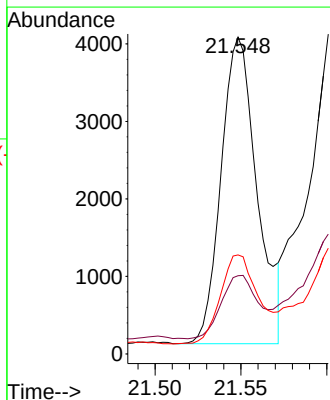
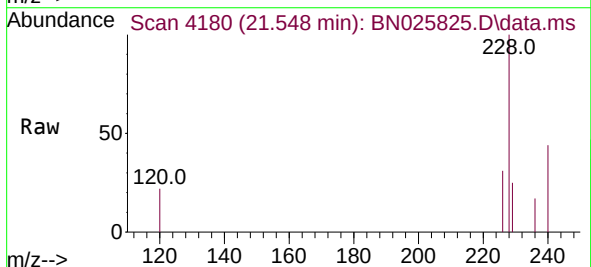
Manual Integrations
APPROVED

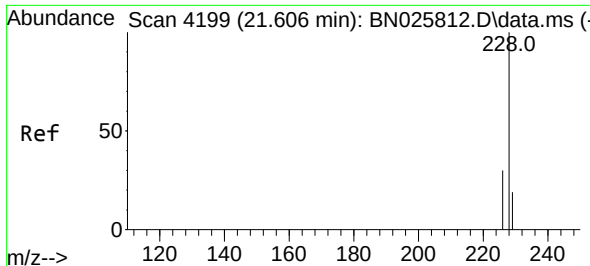
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#21
Benzo(a)anthracene
Concen: 0.122 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.004 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

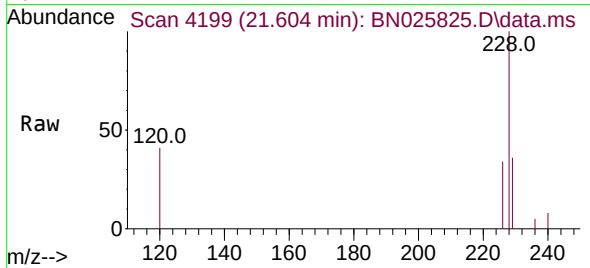
Tgt Ion:228 Resp: 5762
Ion Ratio Lower Upper
228 100
229 24.7 15.5 23.3#
226 31.3 22.0 33.0





#22
Chrysene
Concen: 0.137 ng/ul
RT: 21.604 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

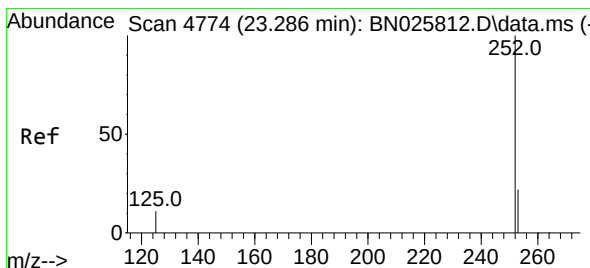
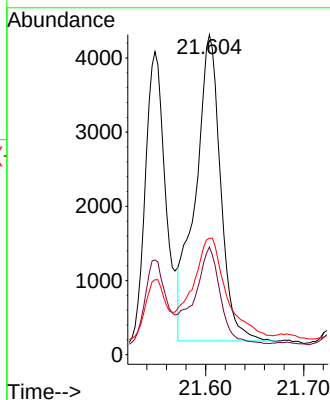
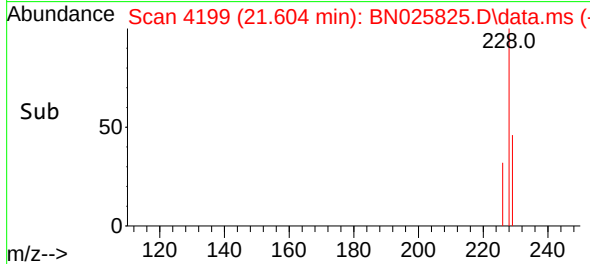
Instrument :
BNA_N
ClientSampleId :
EW995



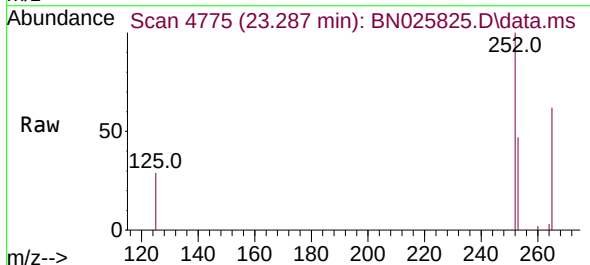
Tgt Ion:228 Resp: 7386
Ion Ratio Lower Upper
228 100
226 33.7 24.7 37.1
229 36.3 15.7 23.5

Manual Integrations
APPROVED

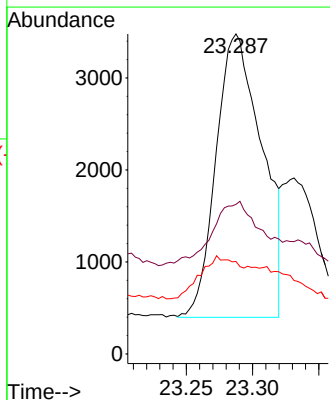
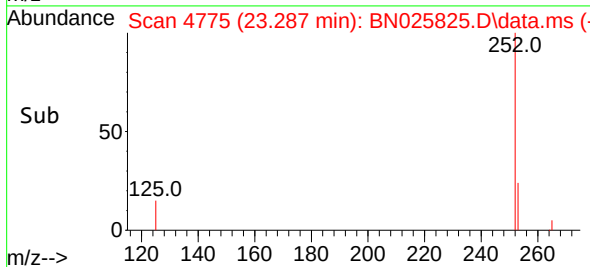
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

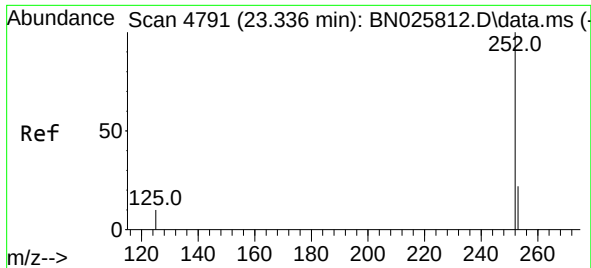


#24
Benzo(b)fluoranthene
Concen: 0.118 ng/ul m
RT: 23.287 min Scan# 4775
Delta R.T. -0.004 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01



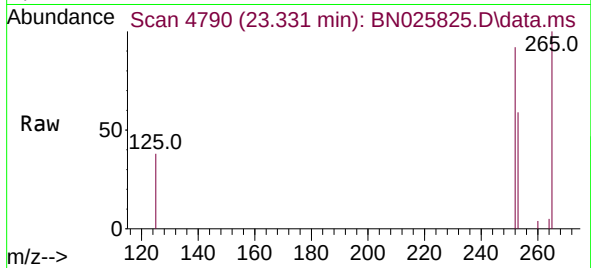
Tgt Ion:252 Resp: 7437
Ion Ratio Lower Upper
252 100
253 46.8 0.0 56.0
125 28.9 0.0 28.0





#25
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 23.331 min Scan# 4791
Delta R.T. -0.010 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

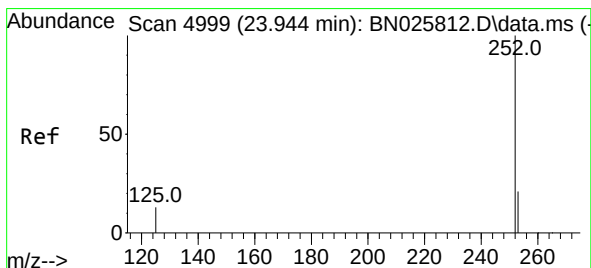
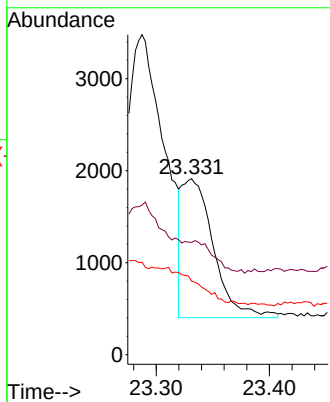
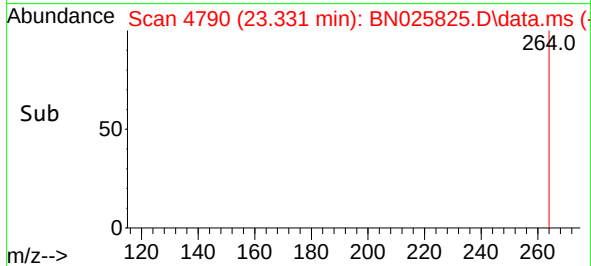
Instrument :
BNA_N
ClientSampleId :
EW995



Tgt Ion:252 Resp: 294
Ion Ratio Lower Upper
252 100
253 63.8 23.3 34.9
125 41.7 11.6 17.4

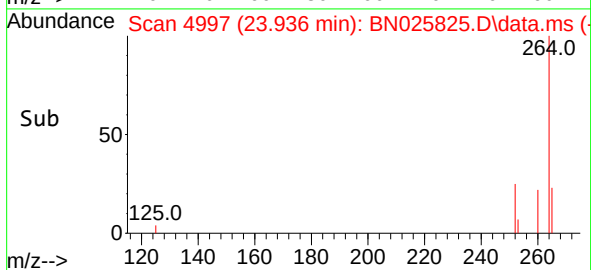
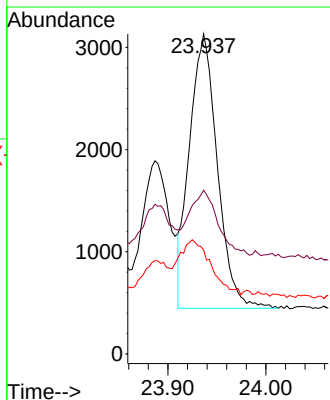
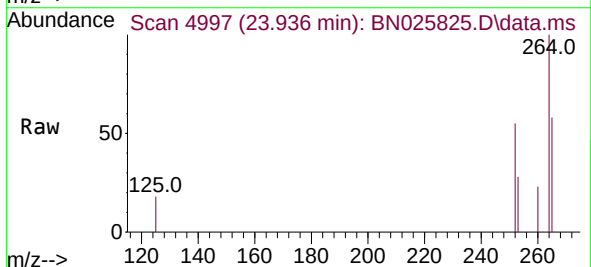
Manual Integrations
APPROVED

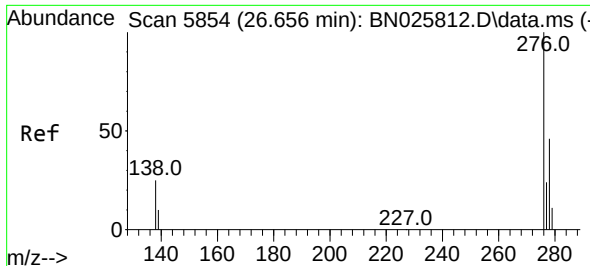
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#26
Benzo(a)pyrene
Concen: 0.099 ng/ul
RT: 23.936 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

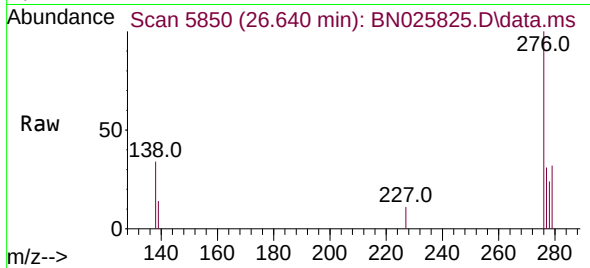
Tgt Ion:252 Resp: 5316
Ion Ratio Lower Upper
252 100
253 51.2 25.8 38.8#
125 32.6 13.5 20.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng/ul
RT: 26.640 min Scan# 5854
Delta R.T. -0.018 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

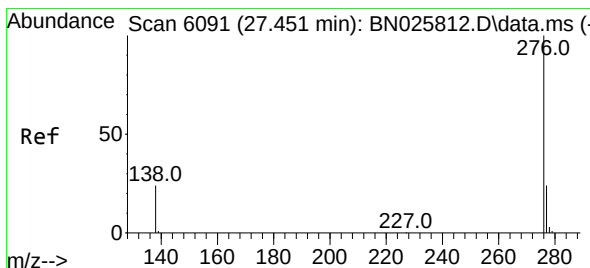
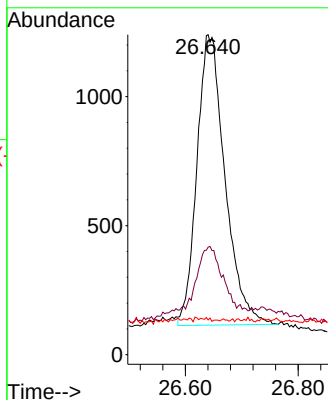
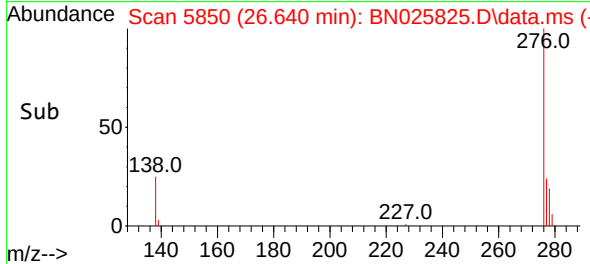
Instrument :
BNA_N
ClientSampleId :
EW995



Tgt Ion:276 Resp: 388
Ion Ratio Lower Upper
276 100
138 36.2 24.6 36.8
227 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 27.445 min Scan# 6090
Delta R.T. -0.004 min
Lab File: BN025825.D
Acq: 14 Jun 2023 03:01

Tgt Ion:276 Resp: 3745
Ion Ratio Lower Upper
276 100
138 34.6 21.8 32.8#
277 29.8 19.4 29.2#

