

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025826.D
 Acq On : 14 Jun 2023 03:36
 Operator : MA/JU
 Sample : 02950-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW996

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 04:16:28 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	8806	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136	26350	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.640	164	14564	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	25721	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	13832	0.400	ng/ul	0.00
23) Perylene-d12	24.043	264	15778	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	28406	3.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	7577	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	12627	0.289	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.864	128	1500	0.022	ng/ul#	84
8) 1-Methylnaphthalene	12.695	142	1125	0.025	ng/ul	99
11) Acenaphthene	14.700	153	9552	0.199	ng/ul	99
12) Fluorene	15.680	166	5307	0.099	ng/ul	99
15) Phenanthrene	17.423	178	11358	0.151	ng/ul	98
16) Anthracene	17.511	178	2675	0.042	ng/ul#	88
19) Fluoranthene	19.433	202	20557	0.325	ng/ul	98
20) Pyrene	19.796	202	17039m	0.260	ng/ul	
21) Benzo(a)anthracene	21.549	228	6185	0.140	ng/ul	94
22) Chrysene	21.605	228	8729	0.173	ng/ul	95
24) Benzo(b)fluoranthene	23.285	252	8140m	0.126	ng/ul	
25) Benzo(k)fluoranthene	23.329	252	3404m	0.053	ng/ul	
26) Benzo(a)pyrene	23.935	252	5719	0.105	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.645	276	5338	0.086	ng/ul#	82
29) Benzo(g,h,i)perylene	27.453	276	4006	0.072	ng/ul#	86

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

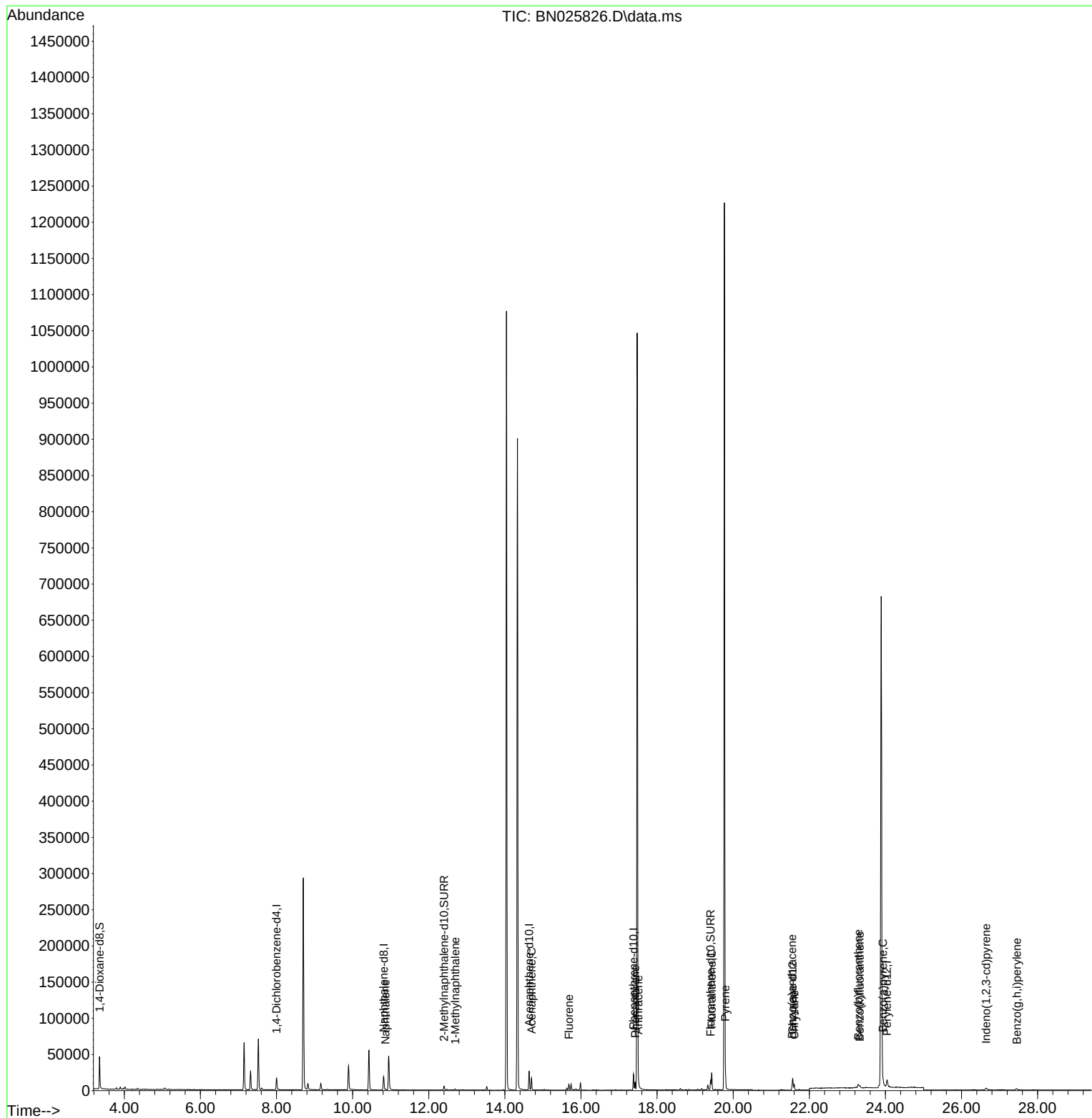
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025826.D
Acq On : 14 Jun 2023 03:36
Operator : MA/JU
Sample : 02950-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

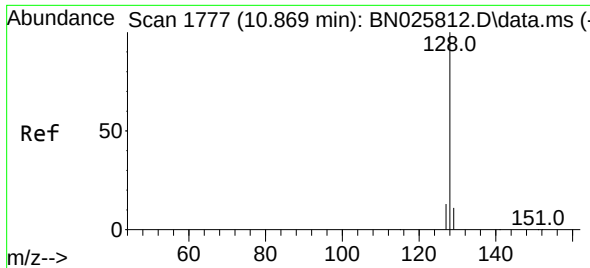
Instrument :
BNA_N
ClientSampleId :
EW996

Manual Integrations
APPROVED

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

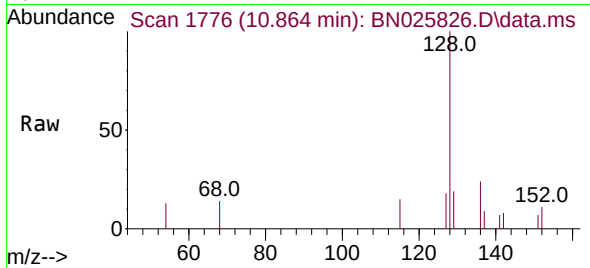
Quant Time: Jun 14 04:16:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.864 min Scan# 1776
Delta R.T. -0.011 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36

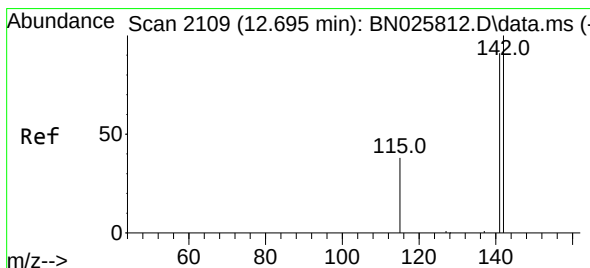
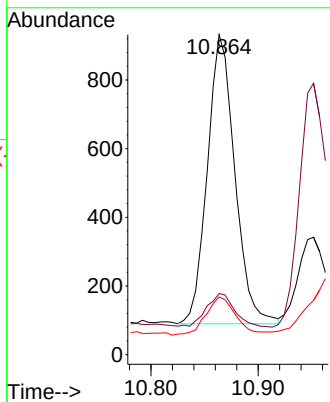
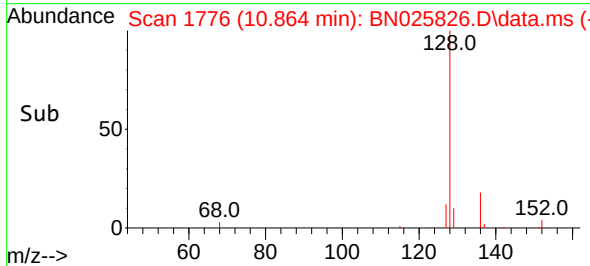
Instrument :
BNA_N
ClientSampleId :
EW996



Tgt Ion:128 Resp: 1500
Ion Ratio Lower Upper
128 100
129 19.1 9.1 13.7
127 18.0 10.5 15.7

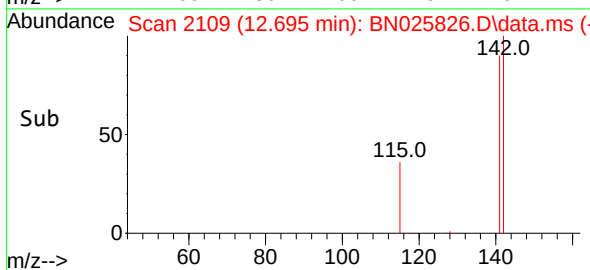
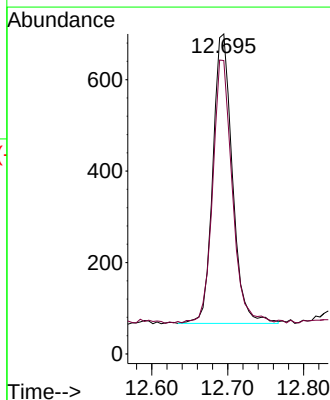
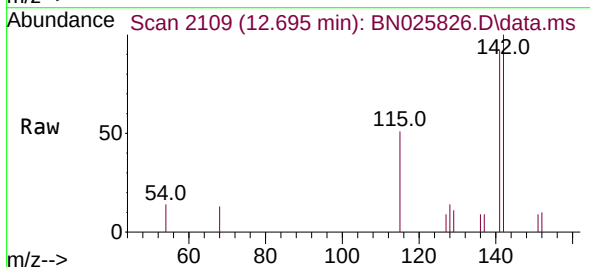
Manual Integrations
APPROVED

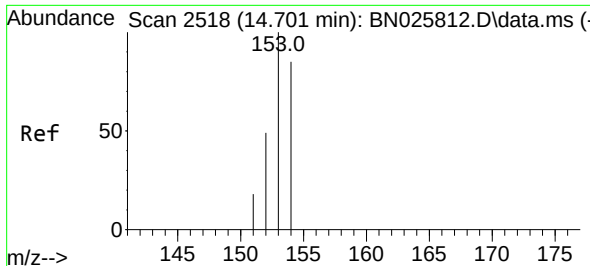
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36

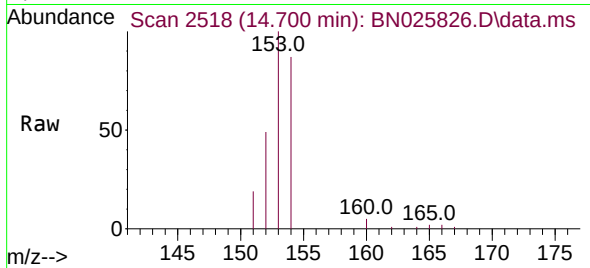
Tgt Ion:142 Resp: 1125
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0





#11
Acenaphthene
Concen: 0.199 ng/ul
RT: 14.700 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36

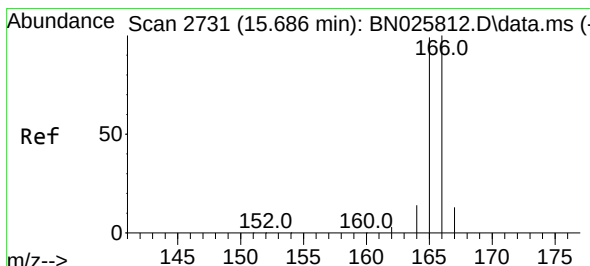
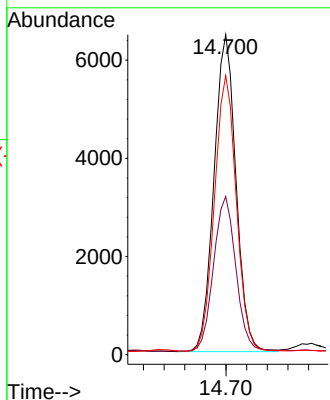
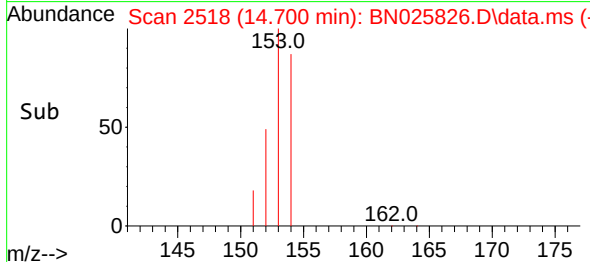
Instrument :
BNA_N
ClientSampleId :
EW996



Tgt Ion:153 Resp: 955
Ion Ratio Lower Upper
153 100
152 49.4 39.5 59.3
154 87.2 68.8 103.2

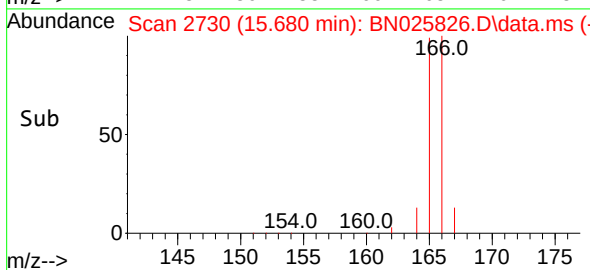
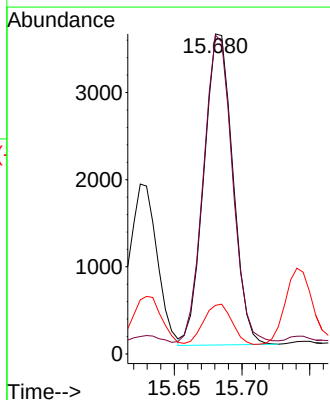
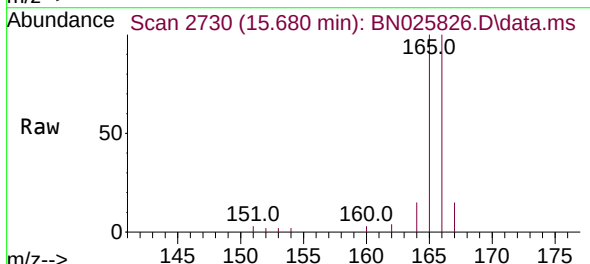
Manual Integrations
APPROVED

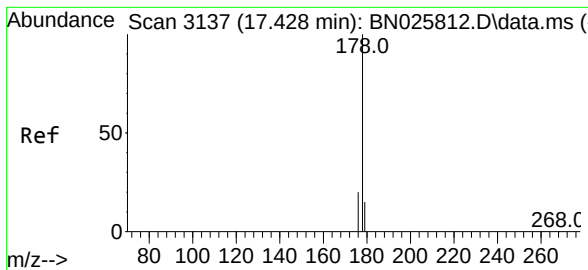
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.099 ng/ul
RT: 15.680 min Scan# 2730
Delta R.T. -0.010 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36

Tgt Ion:166 Resp: 5307
Ion Ratio Lower Upper
166 100
165 99.7 79.2 118.8
167 15.2 11.0 16.6





#15

Phenanthrene

Concen: 0.151 ng/u1

RT: 17.423 min Scan# 3136

Delta R.T. -0.008 min

Lab File: BN025826.D

Acq: 14 Jun 2023 03:36

Instrument :

BNA_N

ClientSampleId :

EW996

Tgt Ion:178 Resp: 11358

Ion Ratio Lower Upper

178 100

179 16.5 12.6 18.8

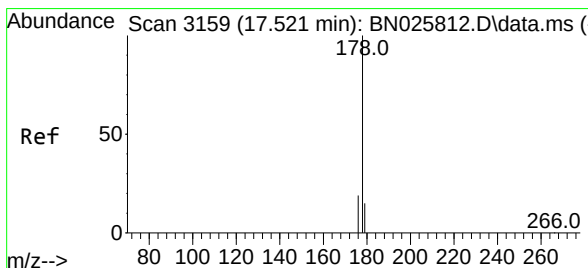
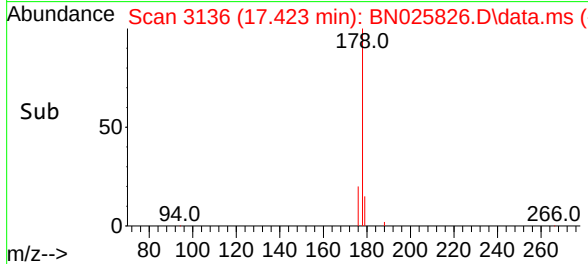
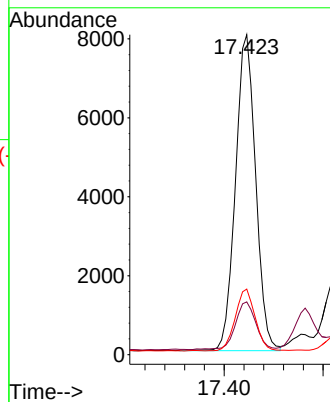
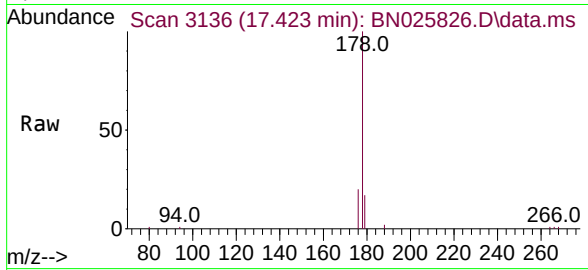
176 20.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#16

Anthracene

Concen: 0.042 ng/u1

RT: 17.511 min Scan# 3157

Delta R.T. -0.013 min

Lab File: BN025826.D

Acq: 14 Jun 2023 03:36

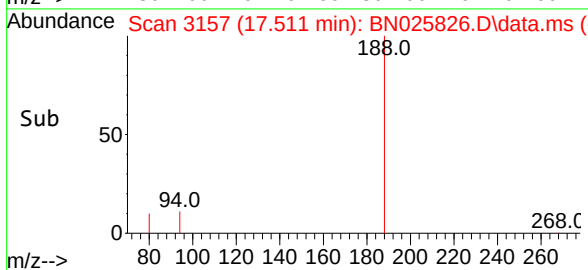
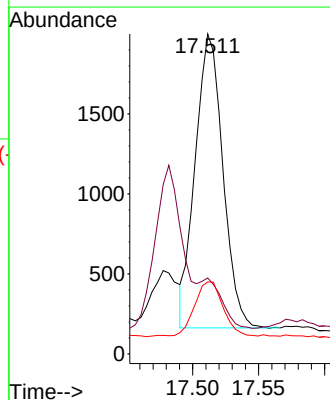
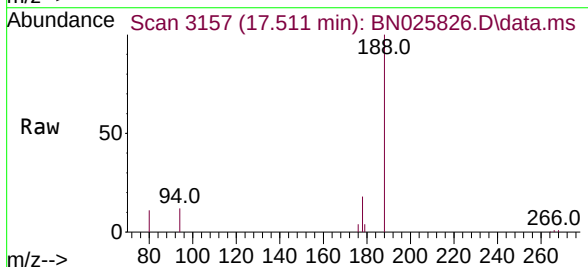
Tgt Ion:178 Resp: 2675

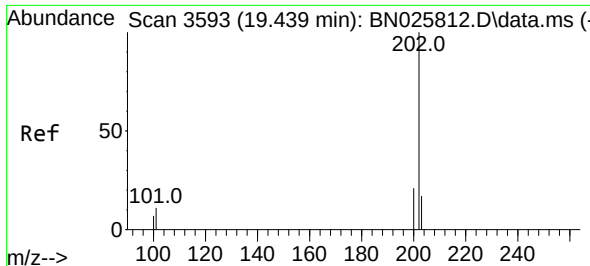
Ion Ratio Lower Upper

178 100

179 23.8 12.6 19.0#

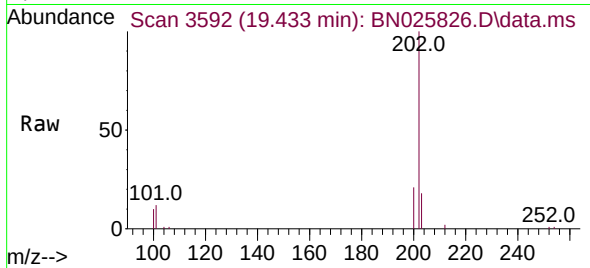
176 22.5 15.4 23.2





#19
Fluoranthene
Concen: 0.325 ng/ul
RT: 19.433 min Scan# 3593
Delta R.T. -0.009 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36

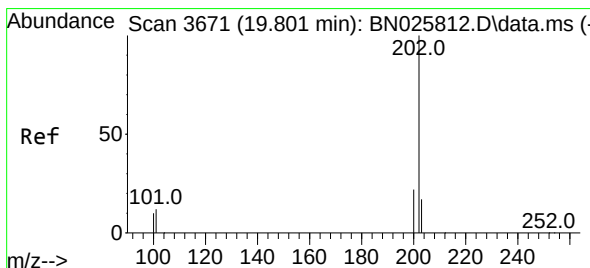
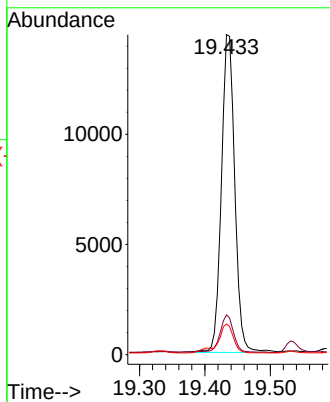
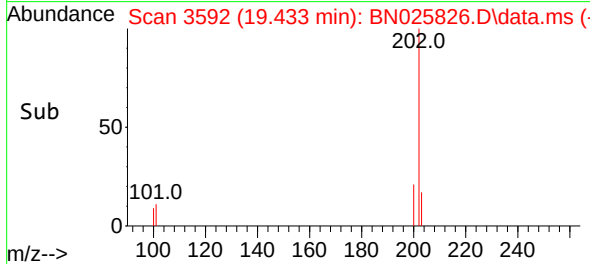
Instrument :
BNA_N
ClientSampleId :
EW996



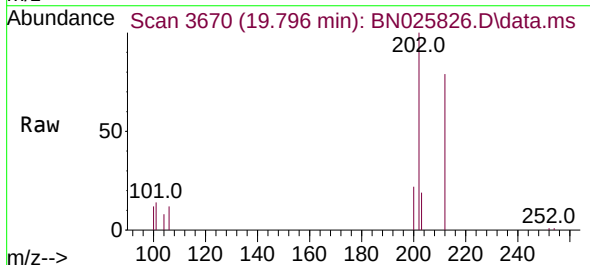
Tgt Ion:202 Resp: 2055
Ion Ratio Lower Upper
202 100
101 12.4 9.1 13.7
100 9.6 7.0 10.6

Manual Integrations
APPROVED

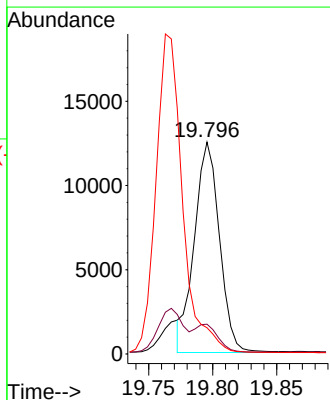
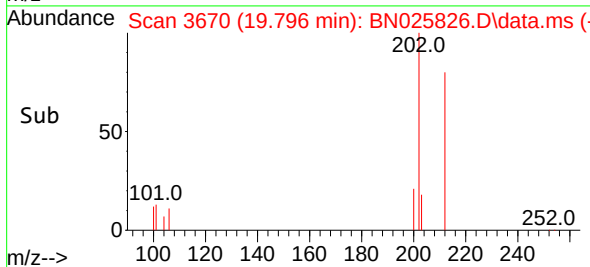
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

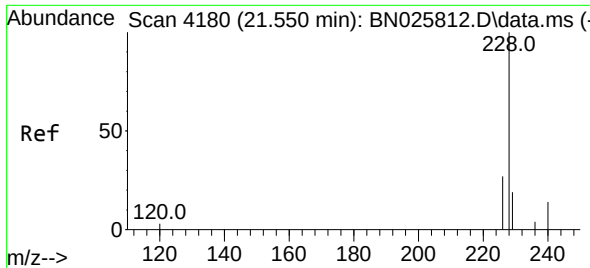


#20
Pyrene
Concen: 0.260 ng/ul m
RT: 19.796 min Scan# 3670
Delta R.T. -0.009 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36



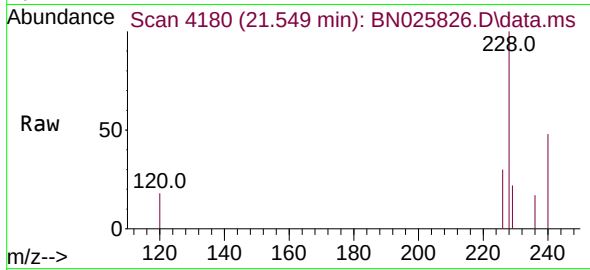
Tgt Ion:202 Resp: 17039
Ion Ratio Lower Upper
202 100
101 14.0 10.4 15.6
100 12.4 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.140 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36

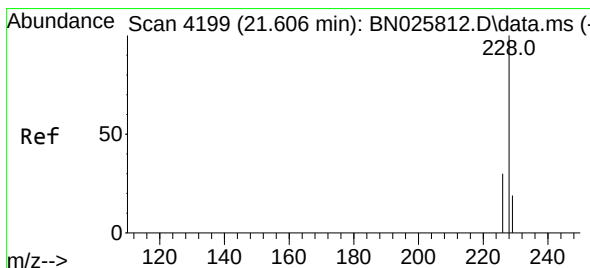
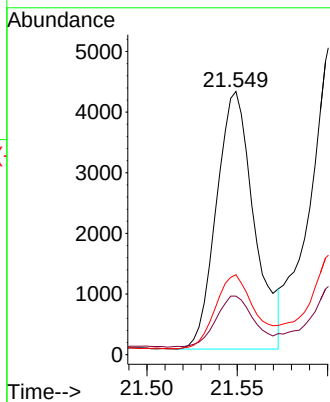
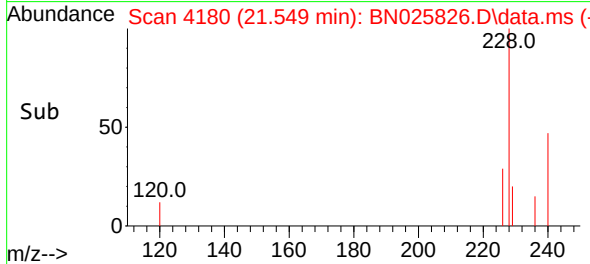
Instrument :
BNA_N
ClientSampleId :
EW996



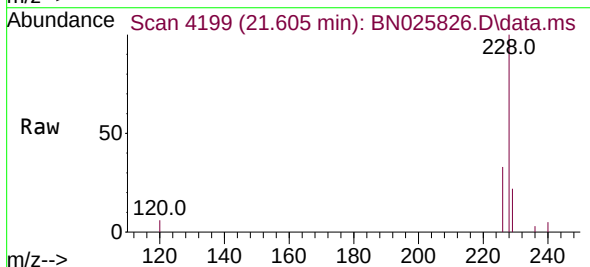
Tgt Ion:228 Resp: 6185
Ion Ratio Lower Upper
228 100
229 22.2 15.5 23.3
226 30.4 22.0 33.0

Manual Integrations
APPROVED

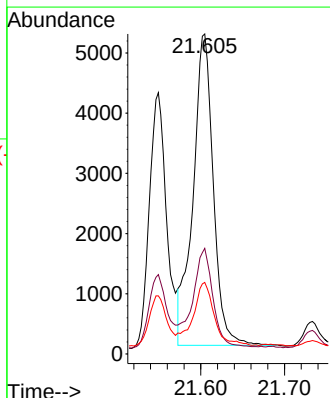
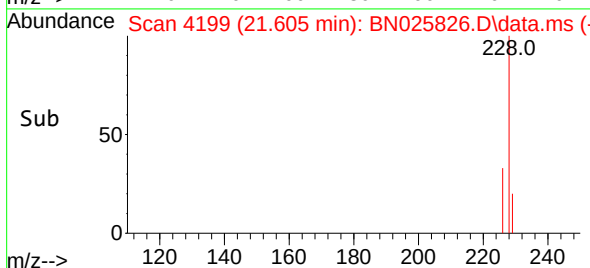
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

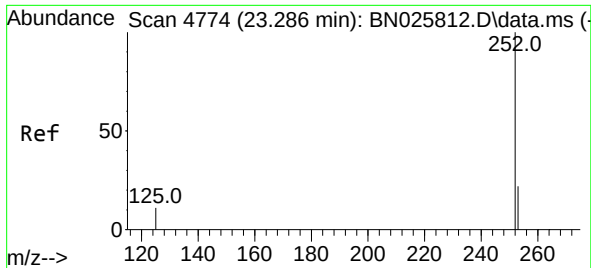


#22
Chrysene
Concen: 0.173 ng/ul
RT: 21.605 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36



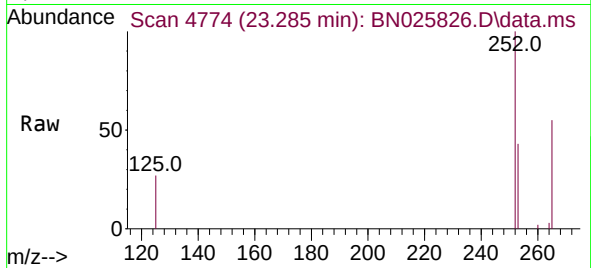
Tgt Ion:228 Resp: 8729
Ion Ratio Lower Upper
228 100
226 33.0 24.7 37.1
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.126 ng/ul m
RT: 23.285 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36

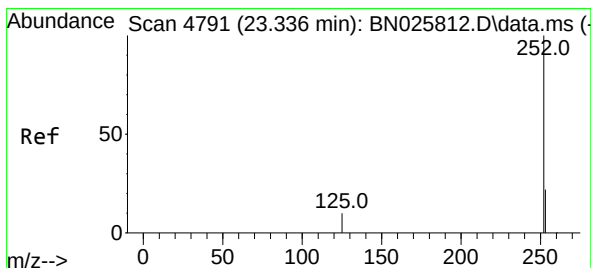
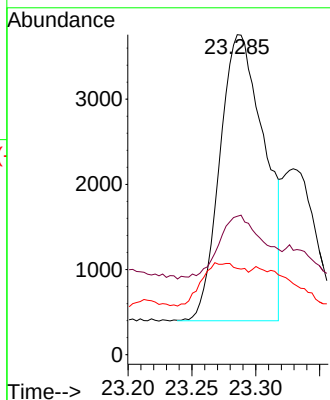
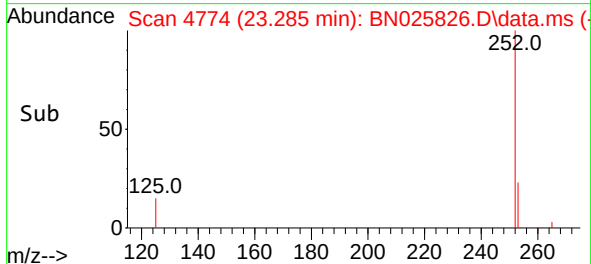
Instrument :
BNA_N
ClientSampleId :
EW996



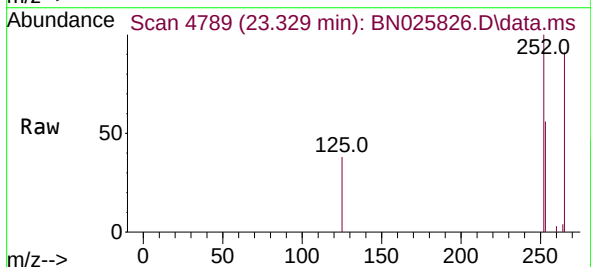
Tgt Ion:252 Resp: 8140
Ion Ratio Lower Upper
252 100
253 43.3 0.0 56.0
125 27.0 0.0 28.0

Manual Integrations
APPROVED

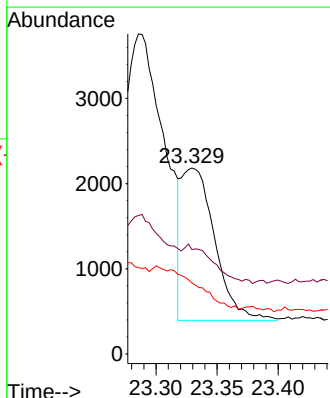
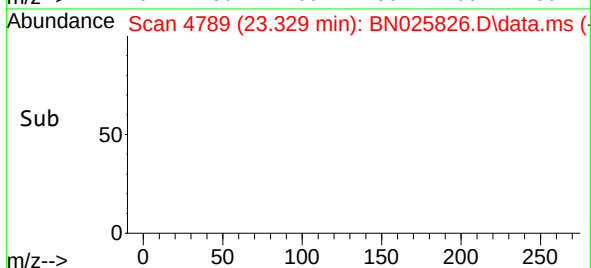
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

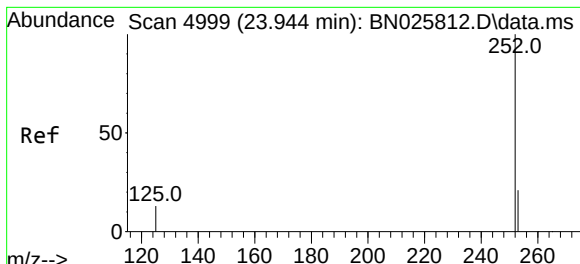


#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 23.329 min Scan# 4789
Delta R.T. -0.012 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36



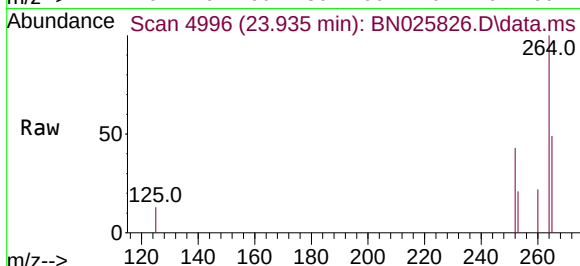
Tgt Ion:252 Resp: 3404
Ion Ratio Lower Upper
252 100
253 56.1 23.3 34.9#
125 38.2 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.935 min Scan# 4996
Delta R.T. -0.008 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36

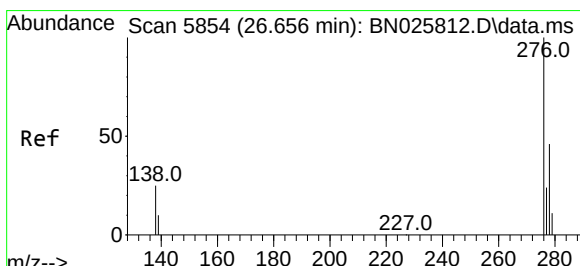
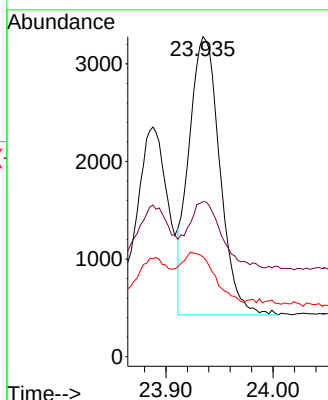
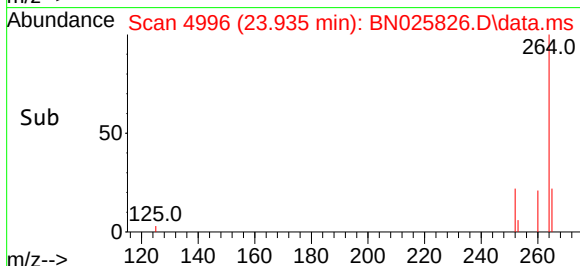
Instrument :
BNA_N
ClientSampleId :
EW996



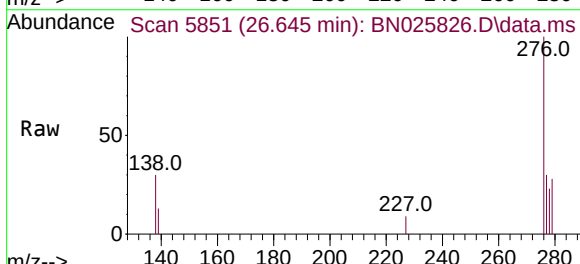
Tgt Ion:252 Resp: 5719
Ion Ratio Lower Upper
252 100
253 48.5 25.8 38.8#
125 31.2 13.5 20.3#

Manual Integrations
APPROVED

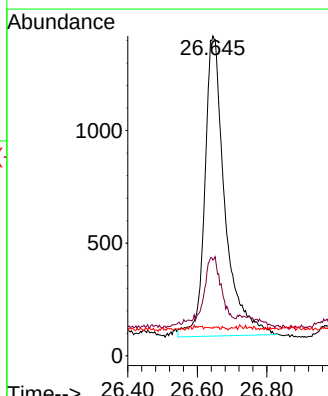
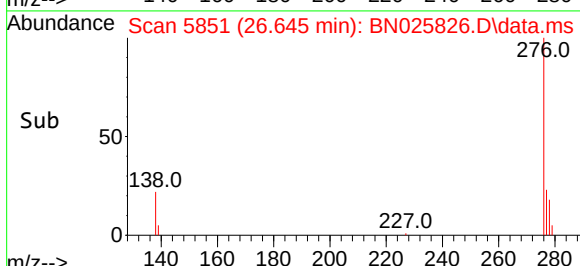
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

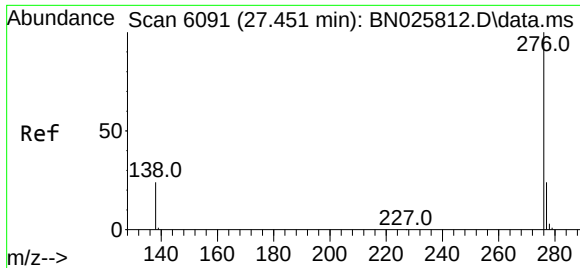


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.645 min Scan# 5851
Delta R.T. -0.013 min
Lab File: BN025826.D
Acq: 14 Jun 2023 03:36



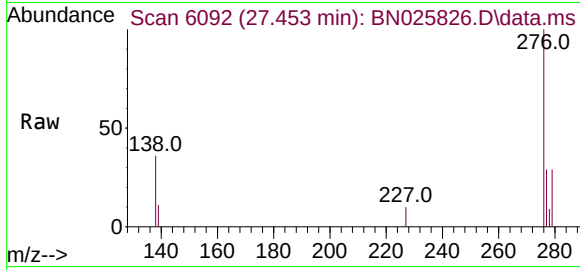
Tgt Ion:276 Resp: 5338
Ion Ratio Lower Upper
276 100
138 20.7 24.6 36.8#
227 0.3 0.0 0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.072 ng/ul
 RT: 27.453 min Scan# 6092
 Delta R.T. 0.004 min
 Lab File: BN025826.D
 Acq: 14 Jun 2023 03:36

Instrument :
 BNA_N
 ClientSampleId :
 EW996



Tgt Ion: 276 Resp: 4000

Ion	Ratio	Lower	Upper
276	100		
138	36.0	21.8	32.8
277	29.3	19.4	29.2

Manual Integrations
 APPROVED

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

