

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025816.D
 Acq On : 13 Jun 2023 21:36
 Operator : MA/JU
 Sample : 02950-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW988

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 23:49:52 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	8317	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136	25423	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.640	164	14488	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	26598	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	13226	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	14318	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	21997	2.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	5633	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	8781	0.211	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.423	178	5249	0.068	ng/ul	96
16) Anthracene	17.516	178	1347	0.021	ng/ul#	77
19) Fluoranthene	19.438	202	8736	0.144	ng/ul	99
20) Pyrene	19.796	202	7232m	0.115	ng/ul	
21) Benzo(a)anthracene	21.543	228	2517	0.060	ng/ul#	89
22) Chrysene	21.596	228	2999	0.062	ng/ul#	87
24) Benzo(b)fluoranthene	23.280	252	3845m	0.066	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	1407m	0.024	ng/ul	
26) Benzo(a)pyrene	23.932	252	2324	0.047	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.641	276	5047	0.089	ng/ul#	63
29) Benzo(g,h,i)perylene	27.446	276	2016	0.040	ng/ul#	74

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

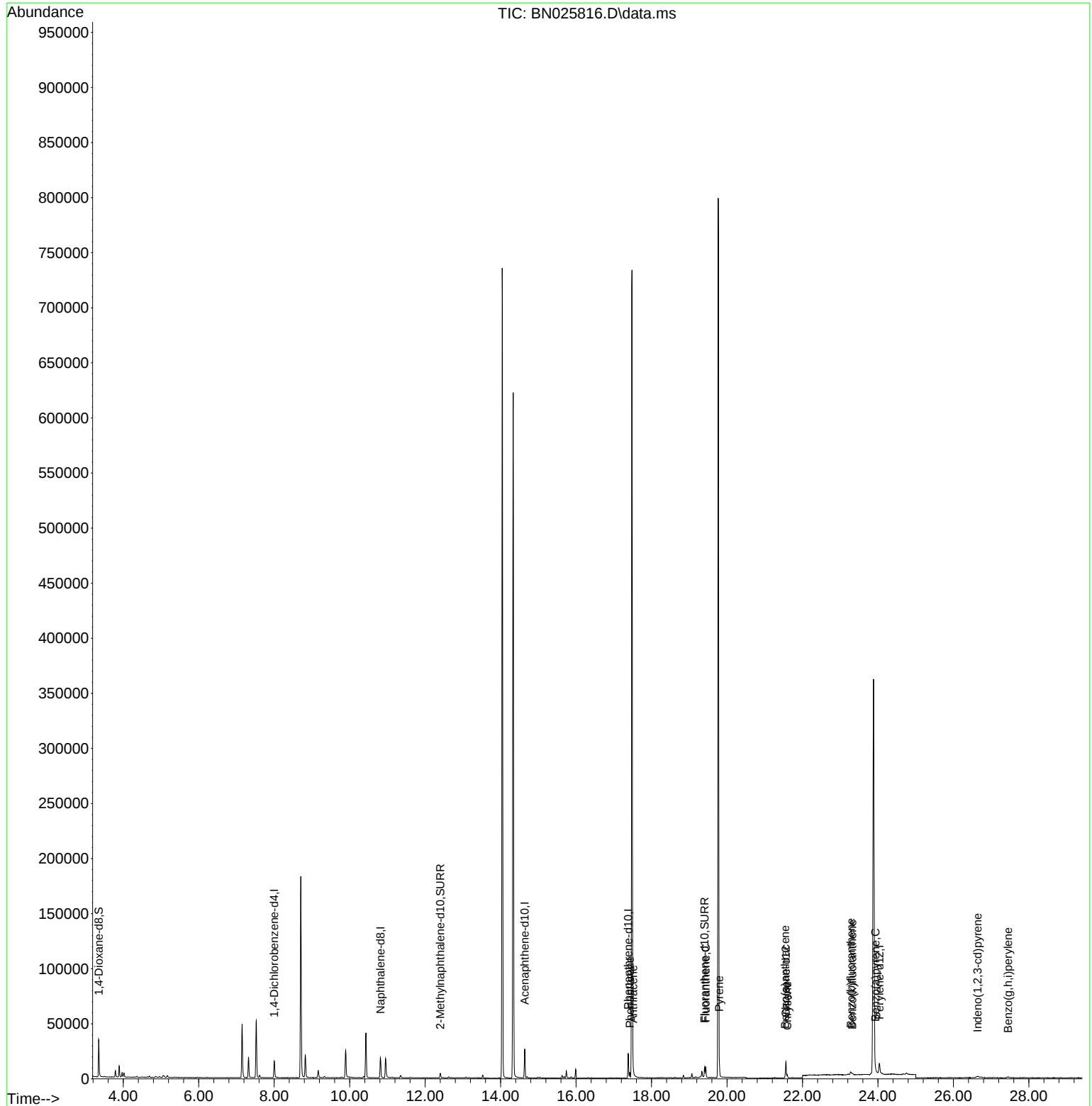
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025816.D
Acq On : 13 Jun 2023 21:36
Operator : MA/JU
Sample : 02950-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

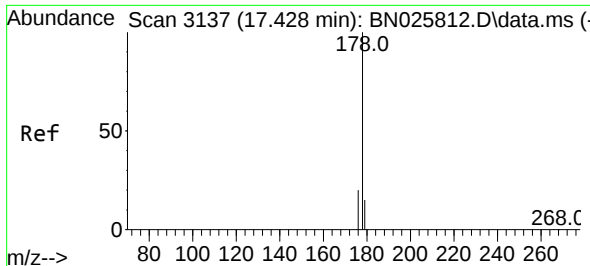
Instrument :
BNA_N
ClientSampleId :
EW988

Manual Integrations
APPROVED

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

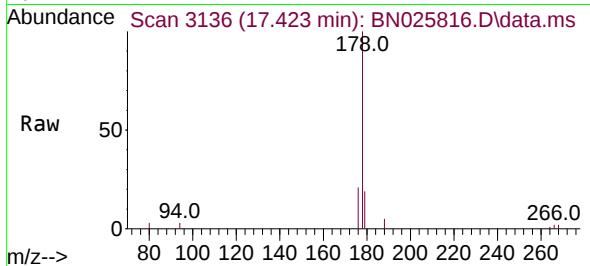
Quant Time: Jun 13 23:49:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.068 ng/u1
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

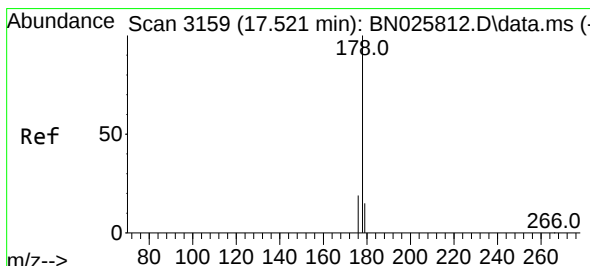
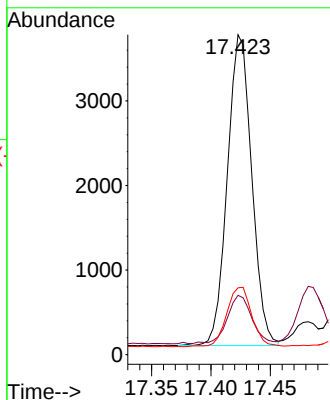
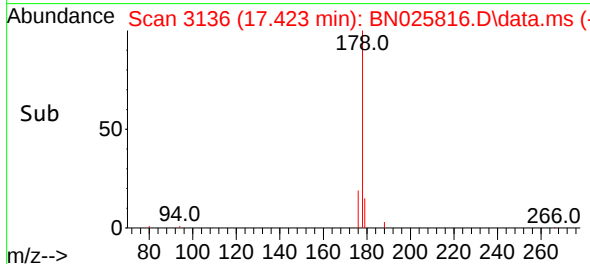
Instrument :
BNA_N
ClientSampleId :
EW988



Tgt Ion:178 Resp: 5249
Ion Ratio Lower Upper
178 100
179 18.5 12.6 18.8
176 20.9 15.8 23.8

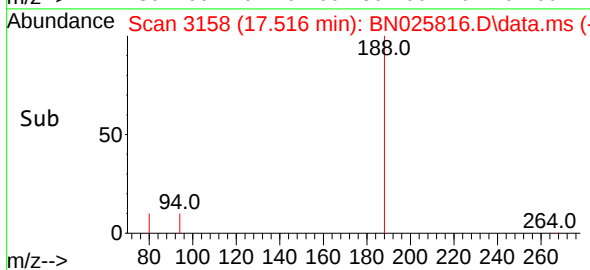
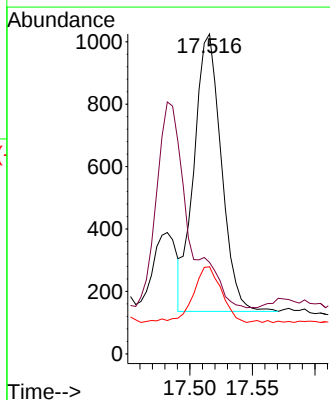
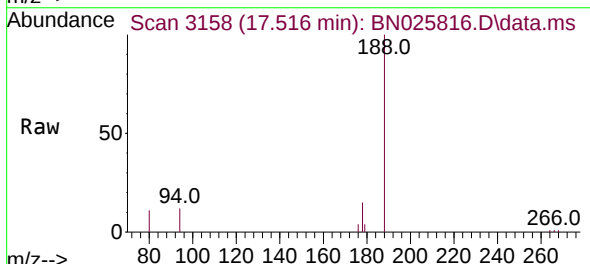
Manual Integrations
APPROVED

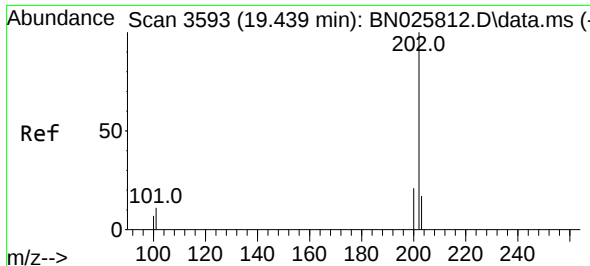
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 0.021 ng/u1
RT: 17.516 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

Tgt Ion:178 Resp: 1347
Ion Ratio Lower Upper
178 100
179 28.6 12.6 19.0#
176 27.2 15.4 23.2#





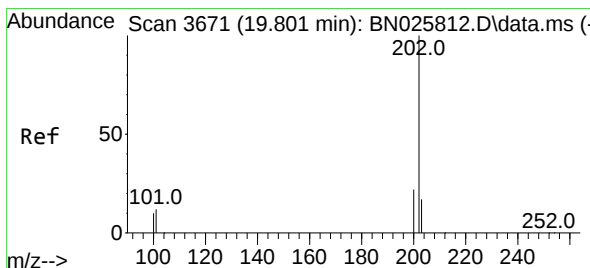
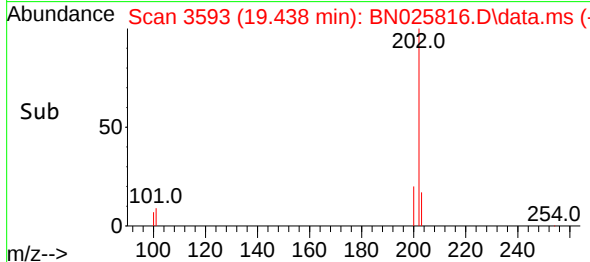
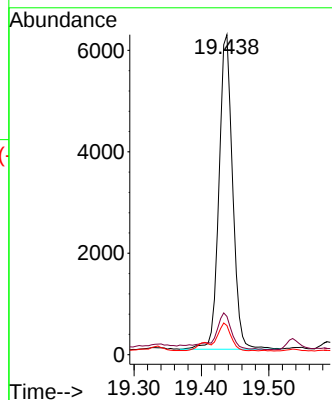
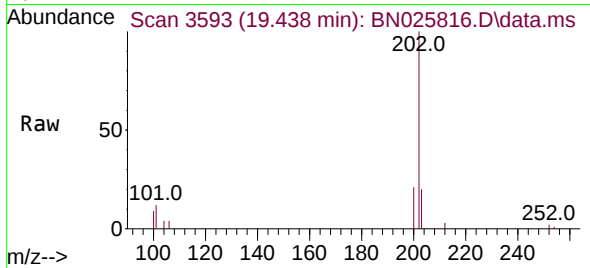
#19
Fluoranthene
Concen: 0.144 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

Instrument :
BNA_N
ClientSampleId :
EW988

Tgt Ion:202 Resp: 8730
Ion Ratio Lower Upper
202 100
101 11.9 9.1 13.7
100 9.1 7.0 10.6

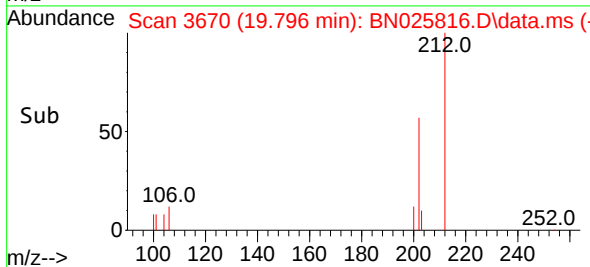
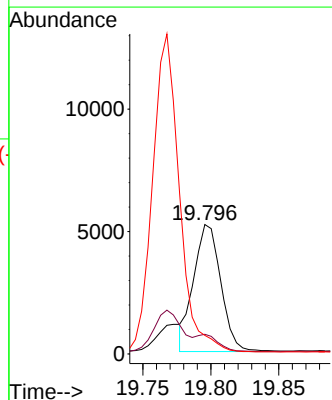
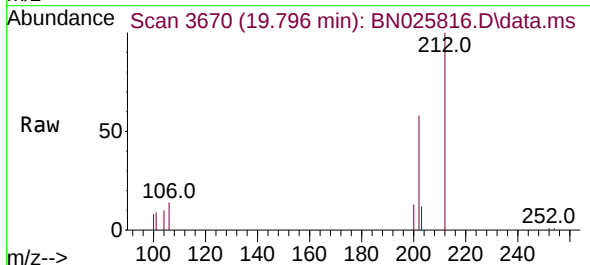
Manual Integrations
APPROVED

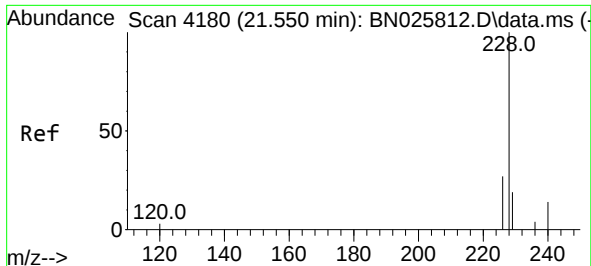
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#20
Pyrene
Concen: 0.115 ng/ul m
RT: 19.796 min Scan# 3670
Delta R.T. -0.009 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

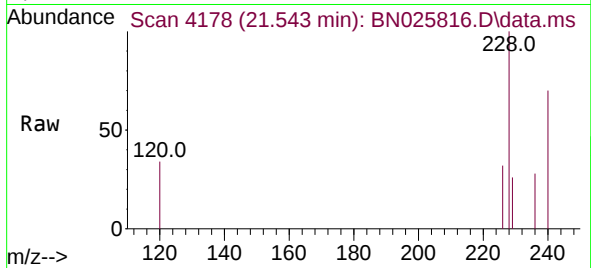
Tgt Ion:202 Resp: 7232
Ion Ratio Lower Upper
202 100
101 15.2 10.4 15.6
100 14.4 8.8 13.2#





#21
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. -0.009 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

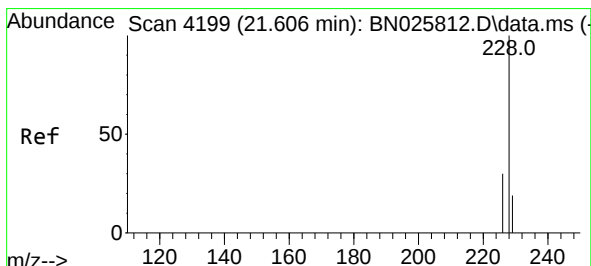
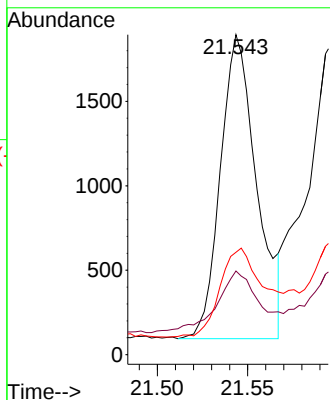
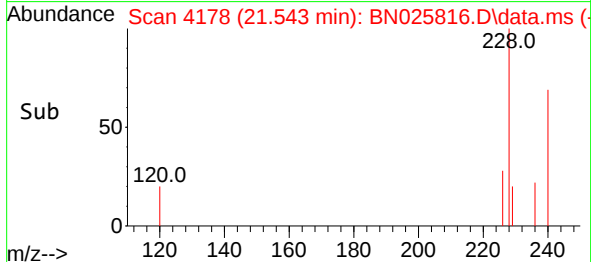
Instrument :
BNA_N
ClientSampleId :
EW988



Tgt Ion:228 Resp: 2517
Ion Ratio Lower Upper
228 100
229 26.1 15.5 23.3#
226 32.0 22.0 33.0

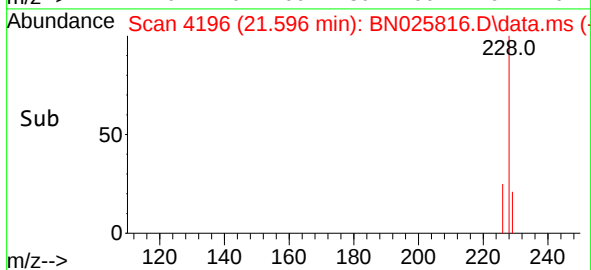
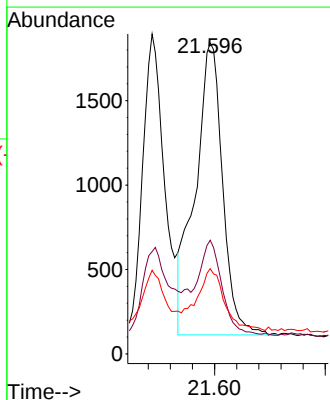
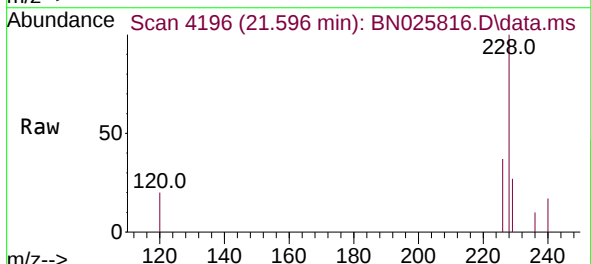
Manual Integrations
APPROVED

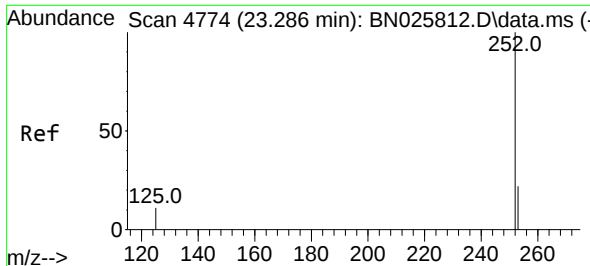
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 0.062 ng/ul
RT: 21.596 min Scan# 4196
Delta R.T. -0.012 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

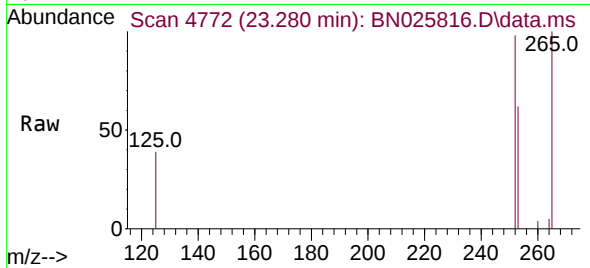
Tgt Ion:228 Resp: 2999
Ion Ratio Lower Upper
228 100
226 36.6 24.7 37.1
229 27.4 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.066 ng/ul m
RT: 23.280 min Scan# 4772
Delta R.T. -0.011 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

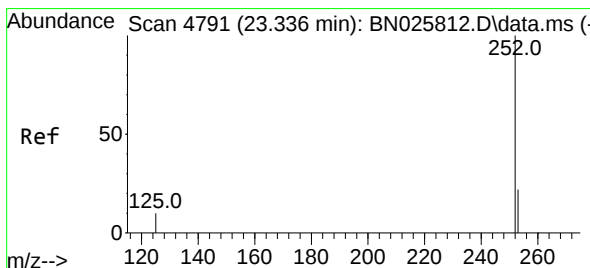
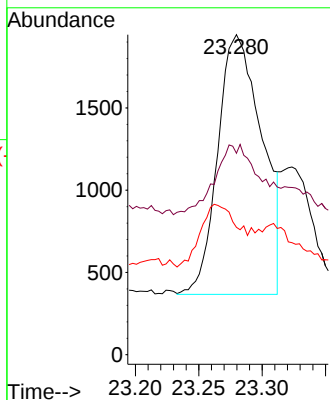
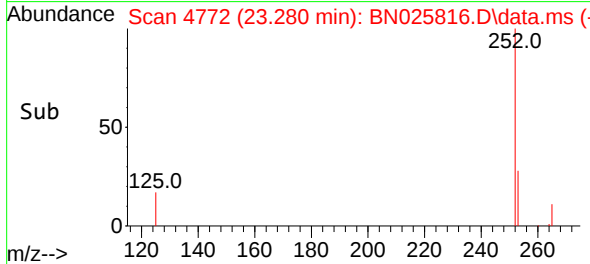
Instrument :
BNA_N
ClientSampleId :
EW988



Tgt Ion:252 Resp: 384
Ion Ratio Lower Upper
252 100
253 63.0 0.0 56.0
125 39.8 0.0 28.0

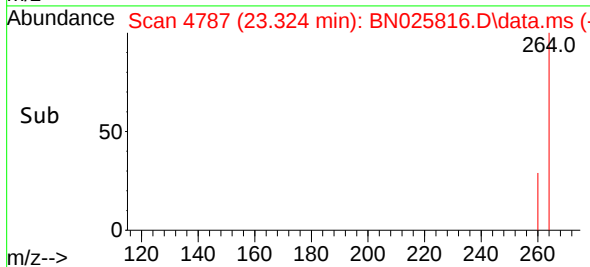
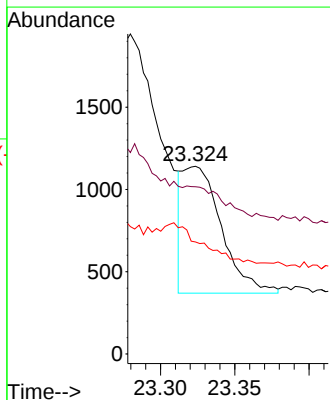
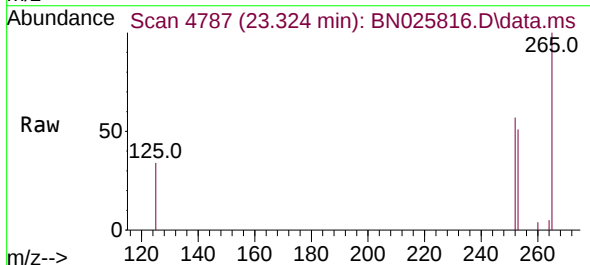
Manual Integrations
APPROVED

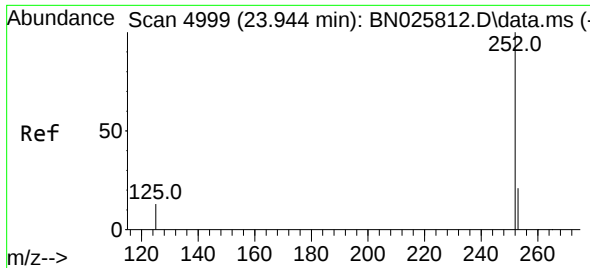
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 23.324 min Scan# 4787
Delta R.T. -0.017 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

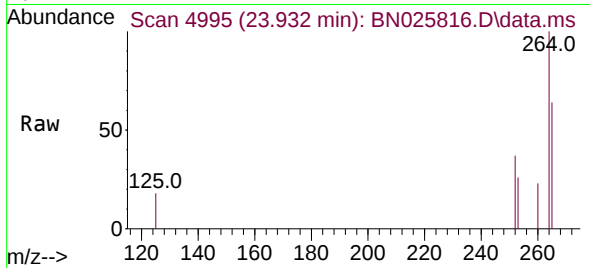
Tgt Ion:252 Resp: 1407
Ion Ratio Lower Upper
252 100
253 89.0 23.3 34.9#
125 59.7 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.047 ng/ul
RT: 23.932 min Scan# 4995
Delta R.T. -0.011 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

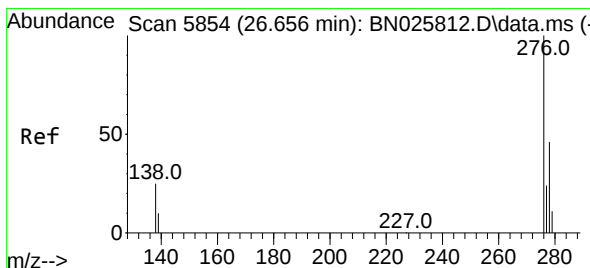
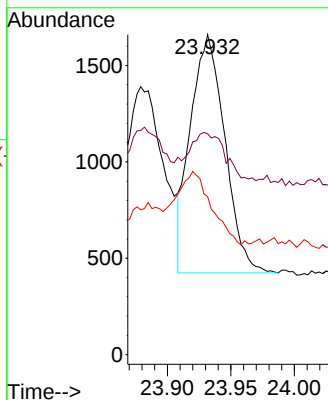
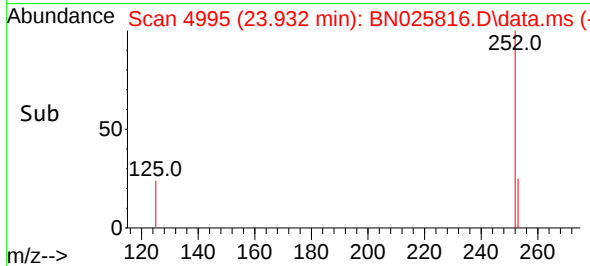
Instrument :
BNA_N
ClientSampleId :
EW988



Tgt Ion:252 Resp: 2324
Ion Ratio Lower Upper
252 100
253 69.0 25.8 38.8#
125 49.4 13.5 20.3#

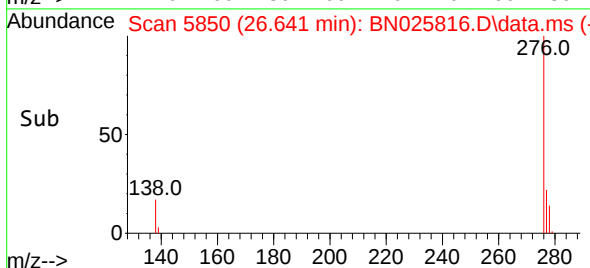
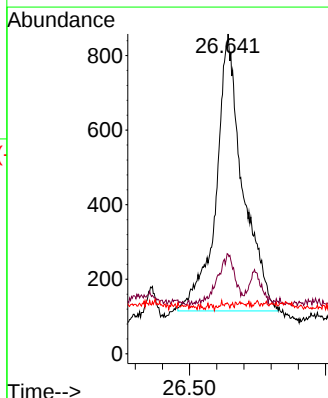
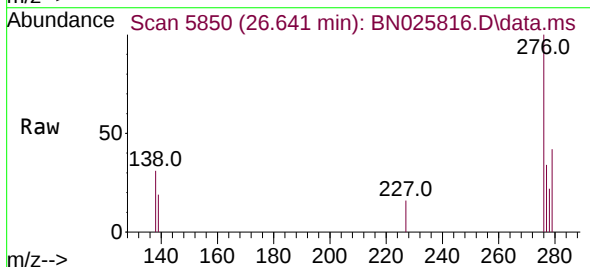
Manual Integrations
APPROVED

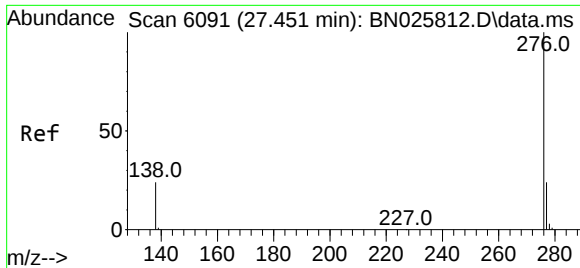
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/ul
RT: 26.641 min Scan# 5850
Delta R.T. -0.017 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

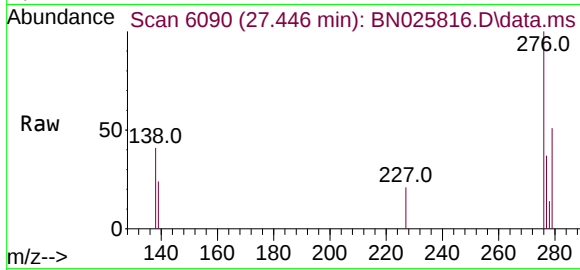
Tgt Ion:276 Resp: 5047
Ion Ratio Lower Upper
276 100
138 10.2 24.6 36.8#
227 0.2 0.0 0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.040 ng/ul
 RT: 27.446 min Scan# 6090
 Delta R.T. -0.003 min
 Lab File: BN025816.D
 Acq: 13 Jun 2023 21:36

Instrument :
 BNA_N
 ClientSampleId :
 EW988



Tgt Ion: 276 Resp: 2010

Ion	Ratio	Lower	Upper
276	100		
138	41.1	21.8	32.8
277	37.0	19.4	29.2

Manual Integrations
 APPROVED

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

