

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026517.D
 Acq On : 15 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03414-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46G5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 16 00:55:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3607	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	11478	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	7869	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	18901	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	18249	0.400	ng/ul	# 0.00
23) Perylene-d12	23.926	264	18786	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	12430	2.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2520	0.162	ng/ul	-0.01
18) Fluoranthene-d10	19.354	212	7961	0.126	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	9321	0.296	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	577	0.032	ng/ul	96
10) Acenaphthylene	14.302	152	1171	0.030	ng/ul#	72
15) Phenanthrene	17.368	178	9717	0.161	ng/ul	99
16) Anthracene	17.457	178	1803	0.035	ng/ul#	85
19) Fluoranthene	19.382	202	30384	0.355	ng/ul	97
20) Pyrene	19.744	202	28224m	0.304	ng/ul	
21) Benzo(a)anthracene	21.500	228	14901	0.222	ng/ul	98
22) Chrysene	21.549	228	13844	0.181	ng/ul	96
24) Benzo(b)fluoranthene	23.195	252	20904m	0.286	ng/ul	
25) Benzo(k)fluoranthene	23.233	252	6390m	0.083	ng/ul	
26) Benzo(a)pyrene	23.815	252	8329	0.128	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.443	276	7895	0.092	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.453	278	1886	0.029	ng/ul#	24

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

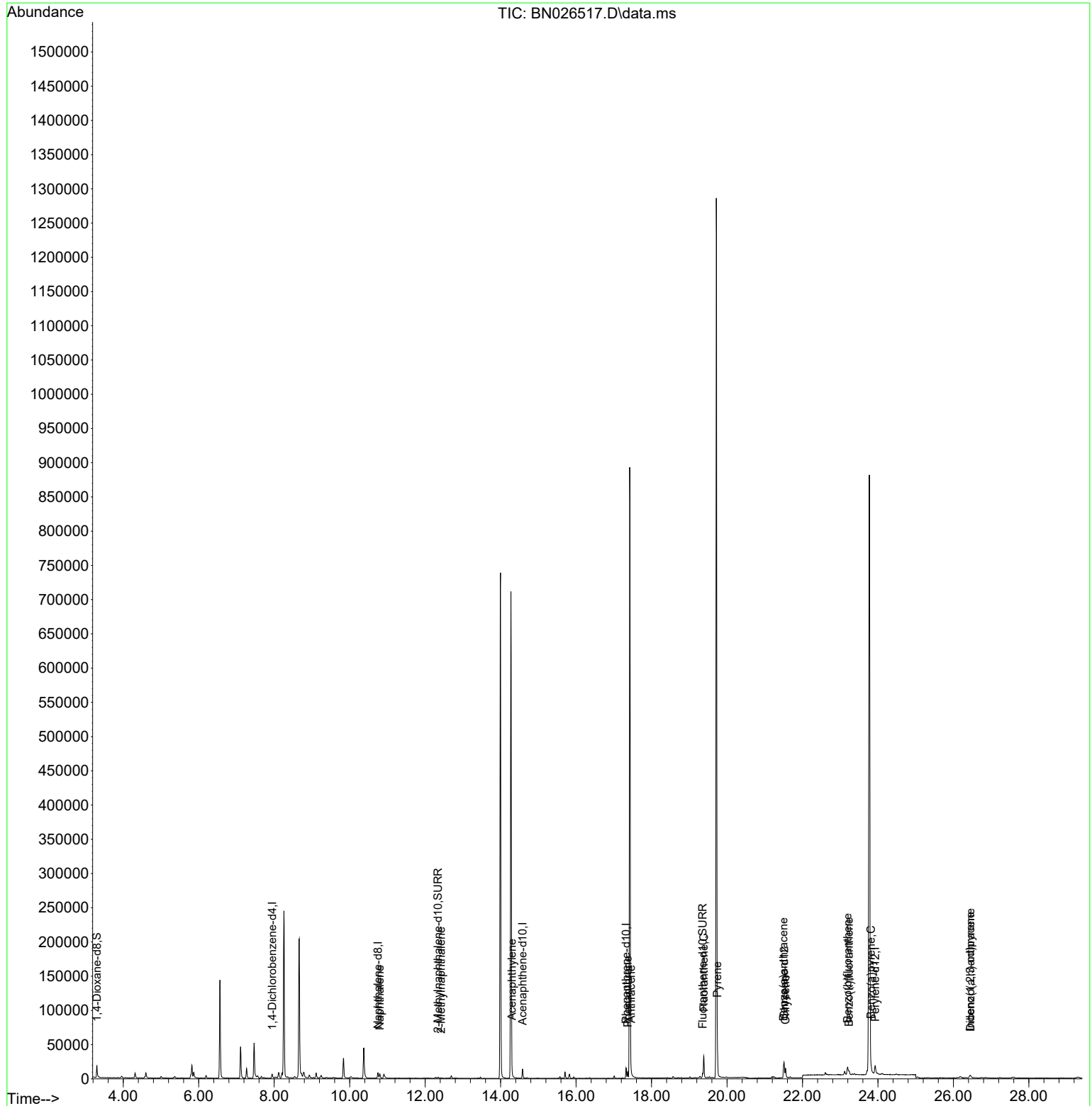
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
Data File : BN026517.D
Acq On : 15 Jul 2023 18:07
Operator : MA/JU
Sample : 03414-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

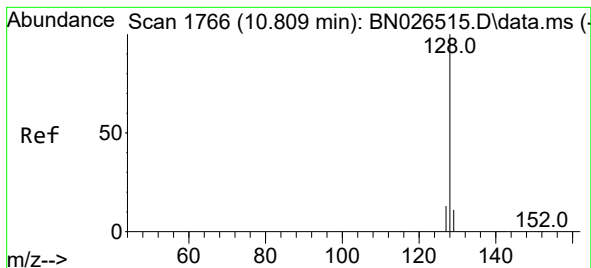
Instrument :
BNA_N
ClientSampleId :
A46G5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

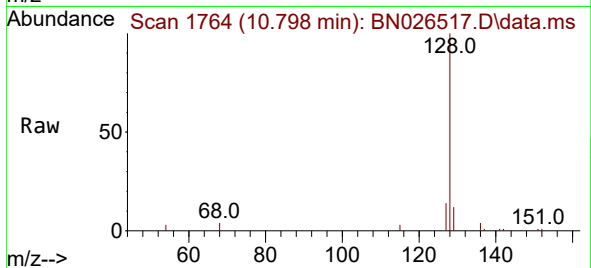
Quant Time: Jul 16 00:55:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.798 min Scan# 11
Delta R.T. -0.017 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

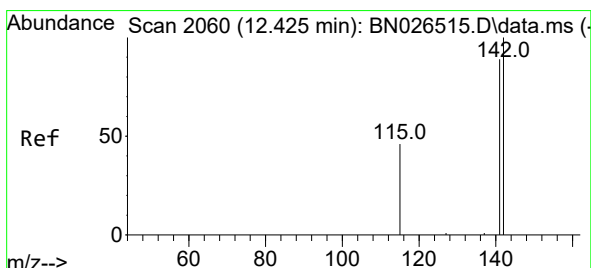
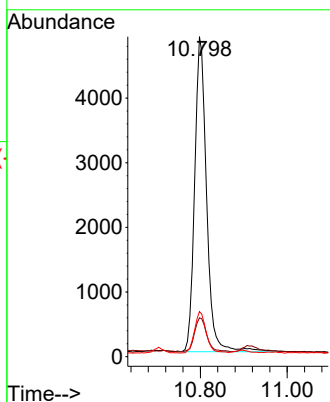
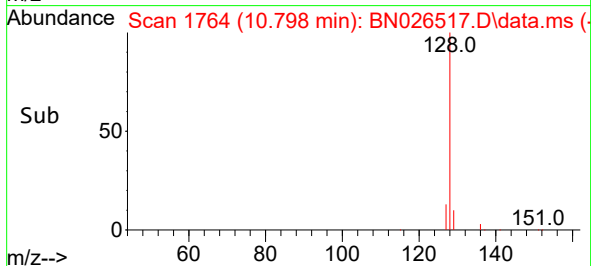
Instrument :
BNA_N
ClientSampleId :
A46G5



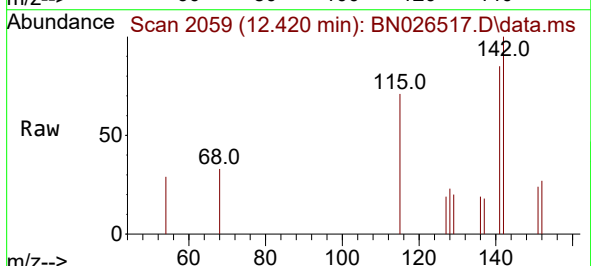
Tgt Ion:128 Resp: 932
Ion Ratio Lower Upper
128 100
129 12.1 10.2 15.2
127 14.1 11.4 17.0

Manual Integrations
APPROVED

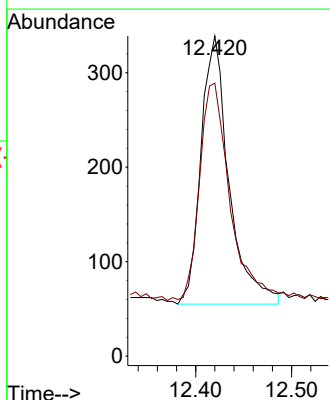
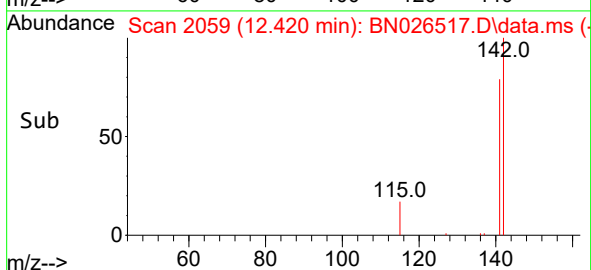
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

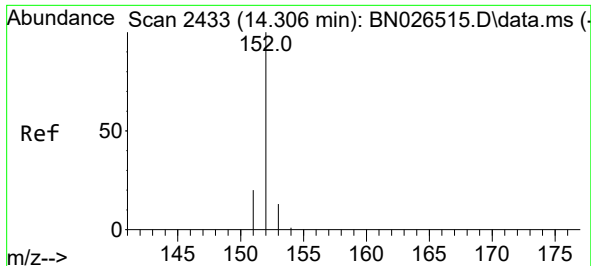


#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07



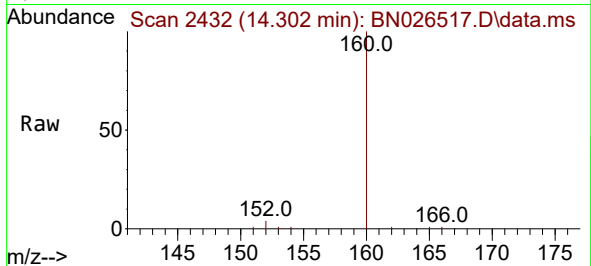
Tgt Ion:142 Resp: 577
Ion Ratio Lower Upper
142 100
141 86.8 72.3 108.5





#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.302 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

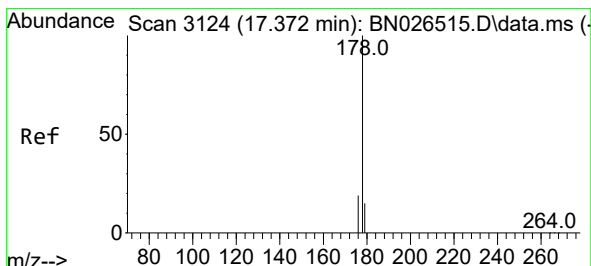
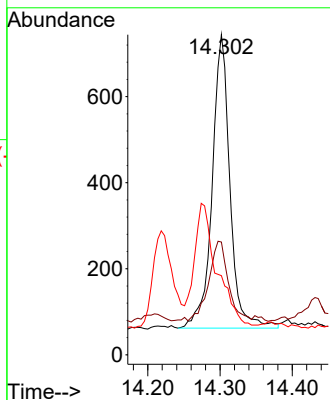
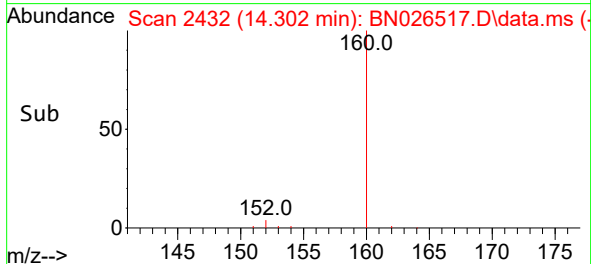
Instrument :
BNA_N
ClientSampleId :
A46G5



Tgt Ion:152 Resp: 117
Ion Ratio Lower Upper
152 100
151 35.2 17.0 25.6
153 24.7 11.4 17.2

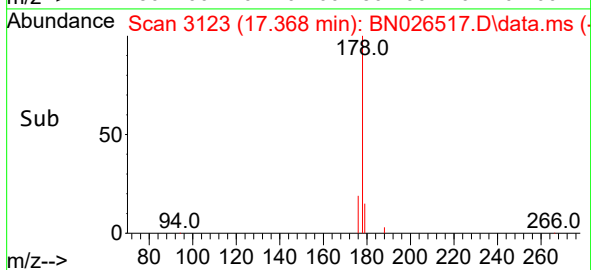
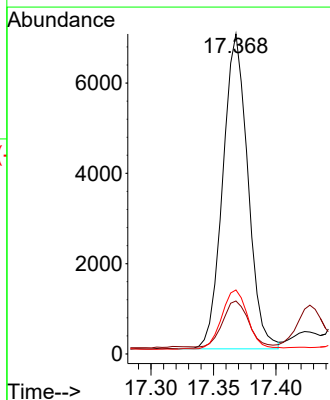
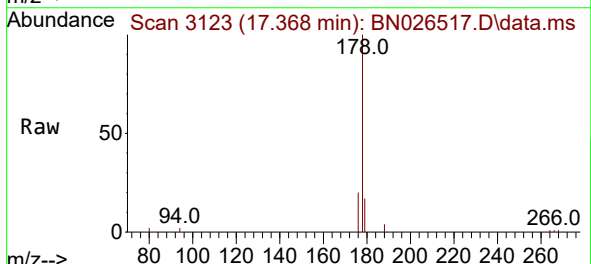
Manual Integrations
APPROVED

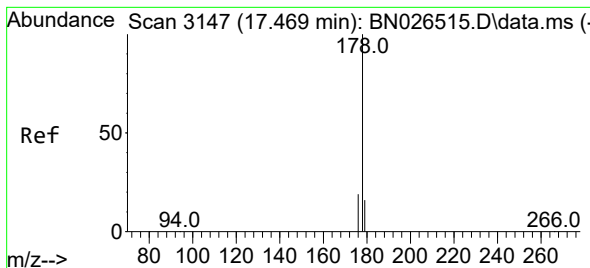
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#15
Phenanthrene
Concen: 0.161 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Tgt Ion:178 Resp: 9717
Ion Ratio Lower Upper
178 100
179 16.5 13.7 20.5
176 20.0 16.5 24.7





#16

Anthracene

Concen: 0.035 ng/ul

RT: 17.457 min Scan# 3147

Delta R.T. -0.017 min

Lab File: BN026517.D

Acq: 15 Jul 2023 18:07

Instrument :

BNA_N

ClientSampleId :

A46G5

Tgt Ion:178 Resp: 180

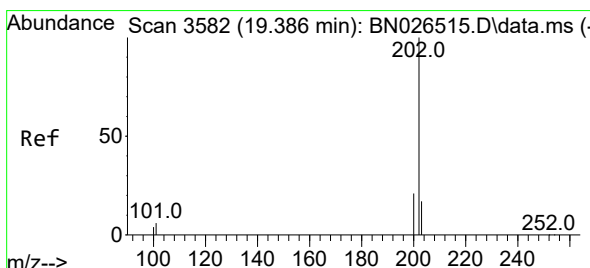
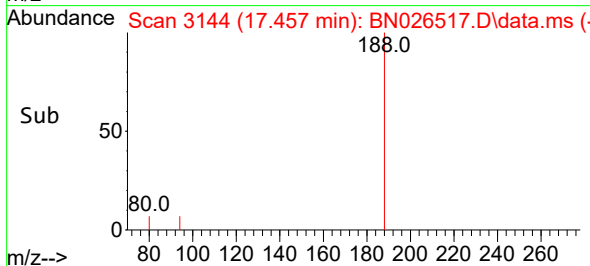
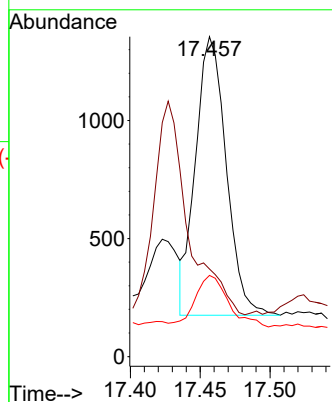
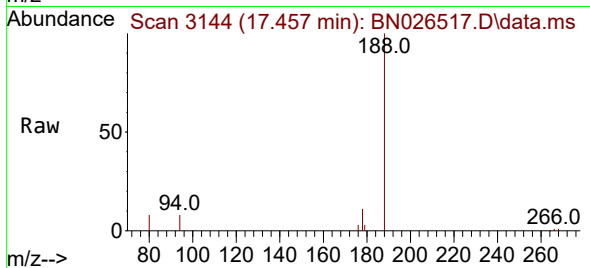
Ion	Ratio	Lower	Upper
178	100		
179	27.4	14.8	22.2
176	25.4	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/17/2023

Supervised By :mohammad ahmed 07/17/2023



#19

Fluoranthene

Concen: 0.355 ng/ul

RT: 19.382 min Scan# 3581

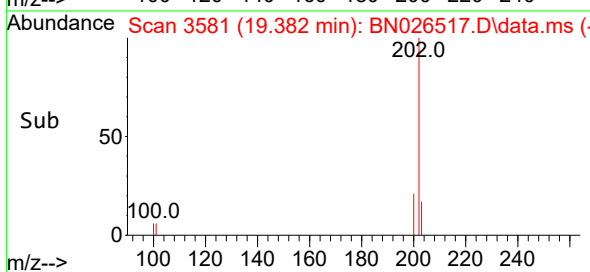
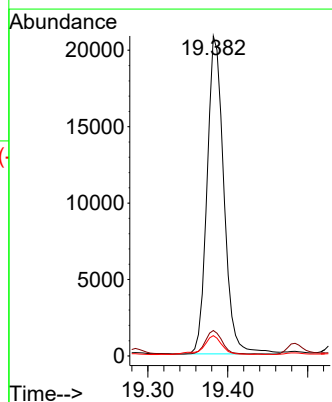
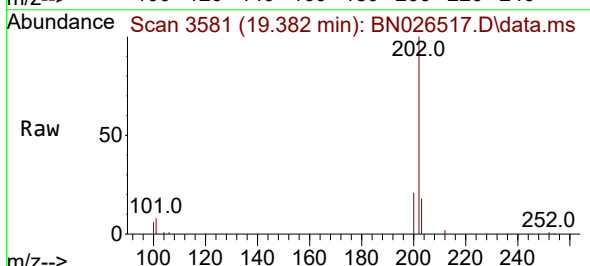
Delta R.T. -0.009 min

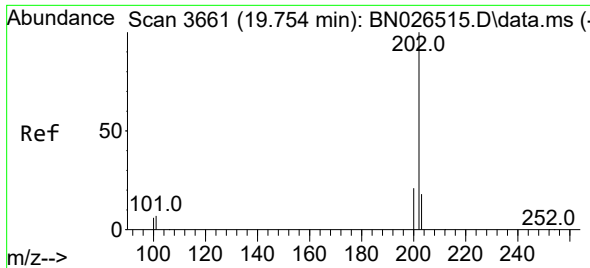
Lab File: BN026517.D

Acq: 15 Jul 2023 18:07

Tgt Ion:202 Resp: 30384

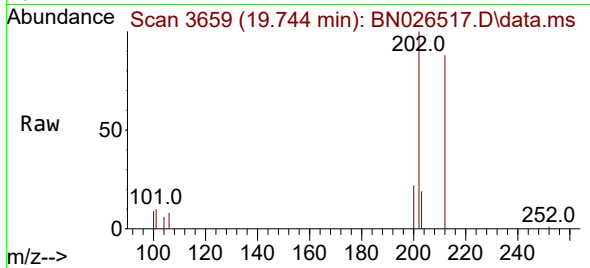
Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.4
100	6.4	6.0	9.0





#20
Pyrene
Concen: 0.304 ng/ul m
RT: 19.744 min Scan# 3659
Delta R.T. -0.014 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

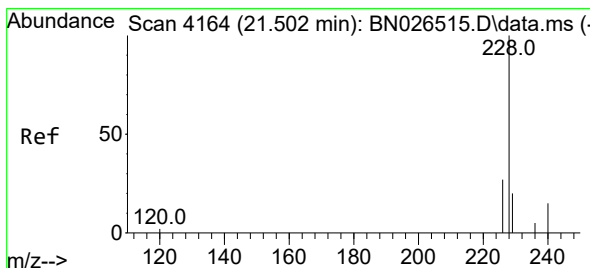
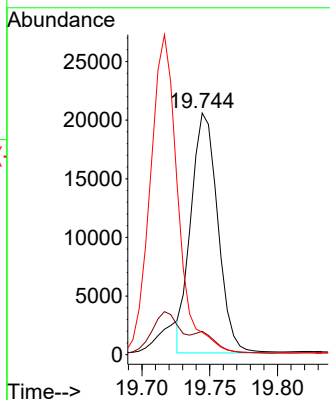
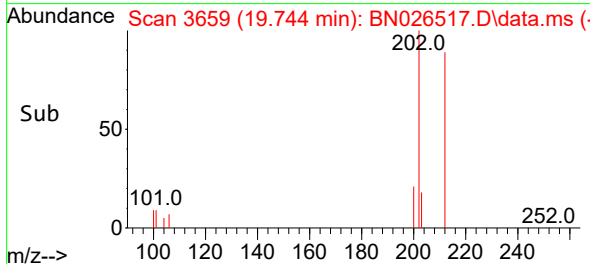
Instrument :
BNA_N
ClientSampleId :
A46G5



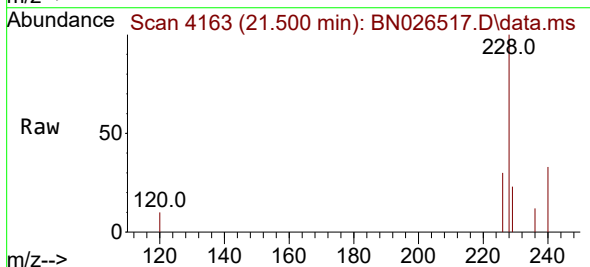
Tgt Ion:202 Resp: 28224
Ion Ratio Lower Upper
202 100
101 9.7 8.0 12.0
100 9.3 6.2 9.2

Manual Integrations
APPROVED

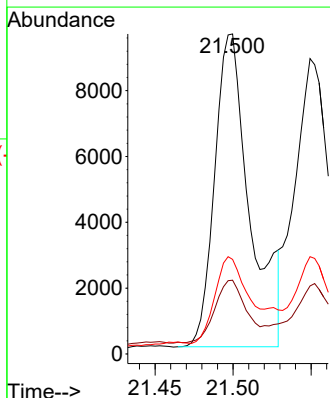
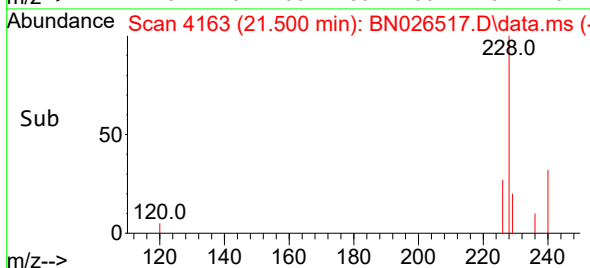
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

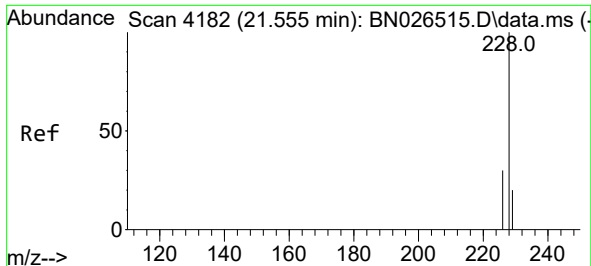


#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.500 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07



Tgt Ion:228 Resp: 14901
Ion Ratio Lower Upper
228 100
229 23.0 16.7 25.1
226 29.5 23.5 35.3





#22

Chrysene

Concen: 0.181 ng/ul

RT: 21.549 min Scan# 4182

Delta R.T. -0.012 min

Lab File: BN026517.D

Acq: 15 Jul 2023 18:07

Instrument :

BNA_N

ClientSampleId :

A46G5

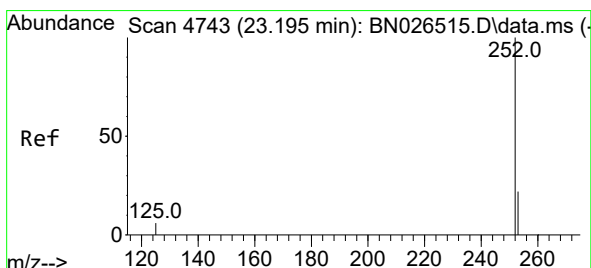
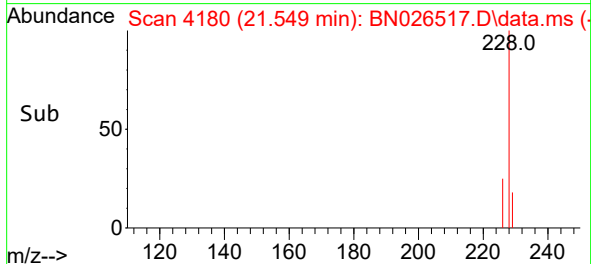
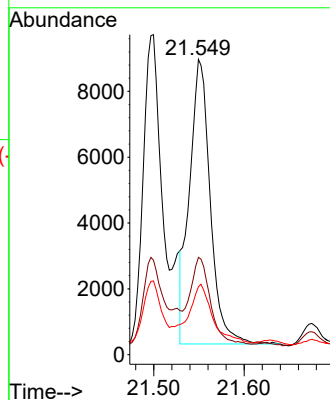
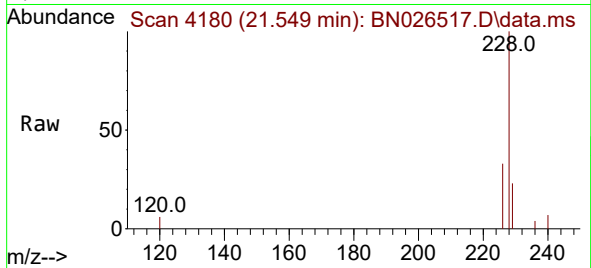
Tgt Ion:228	Resp:	1384
Ion Ratio	Lower	Upper
228	100	
226	32.9	25.2 37.8
229	23.0	16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/17/2023

Supervised By :mohammad ahmed 07/17/2023



#24

Benzo(b)fluoranthene

Concen: 0.286 ng/ul m

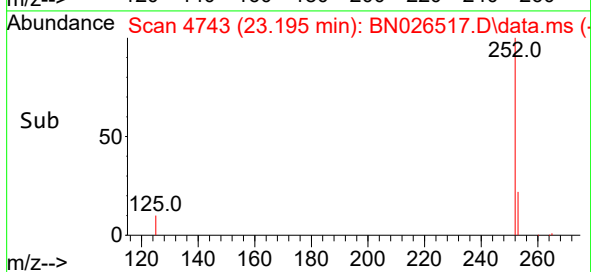
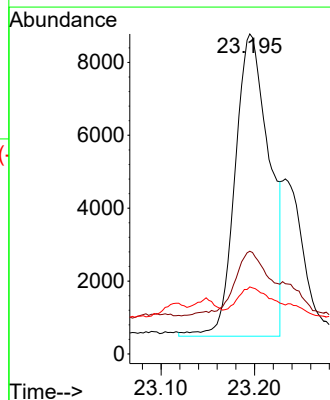
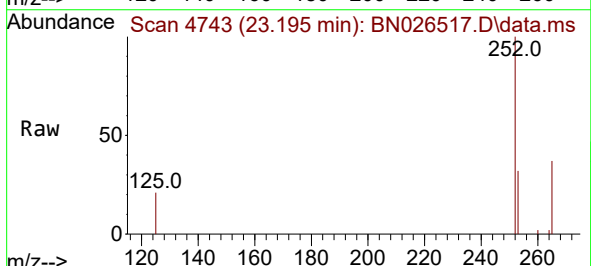
RT: 23.195 min Scan# 4743

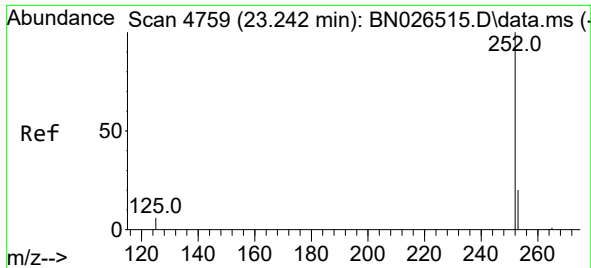
Delta R.T. -0.009 min

Lab File: BN026517.D

Acq: 15 Jul 2023 18:07

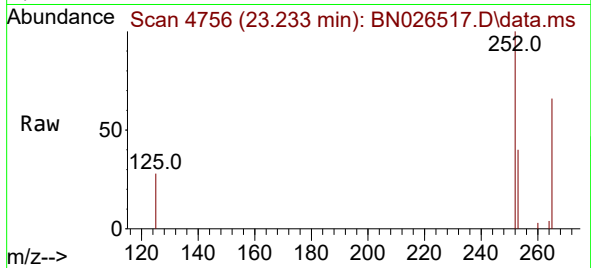
Tgt Ion:252	Resp:	20904
Ion Ratio	Lower	Upper
252	100	
253	32.1	0.0 68.6
125	20.9	0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.083 ng/ul m
RT: 23.233 min Scan# 4759
Delta R.T. -0.018 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

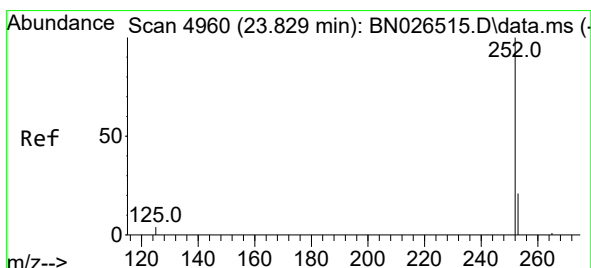
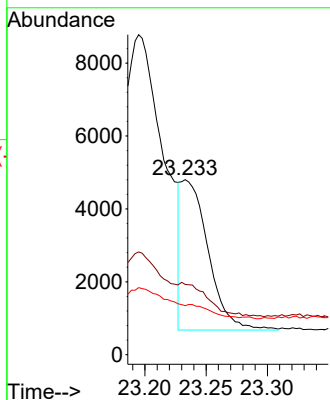
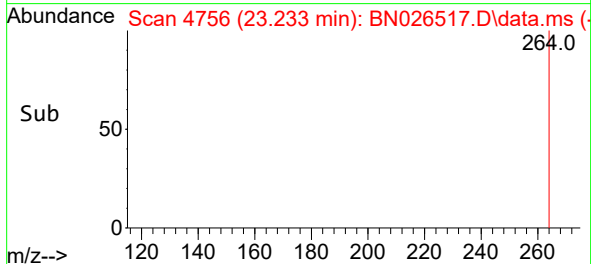
Instrument :
BNA_N
ClientSampleId :
A46G5



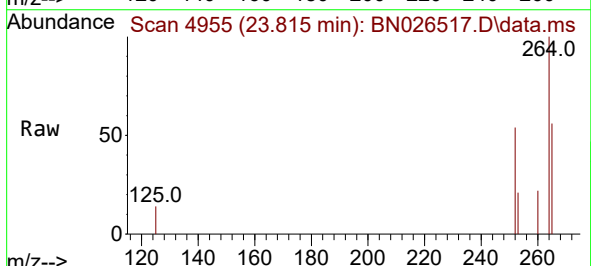
Tgt Ion:252 Resp: 6390
Ion Ratio Lower Upper
252 100
253 40.1 27.2 40.8
125 28.0 13.4 20.2

Manual Integrations
APPROVED

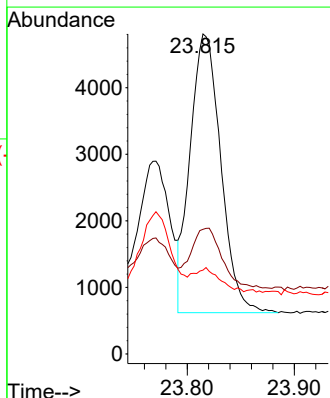
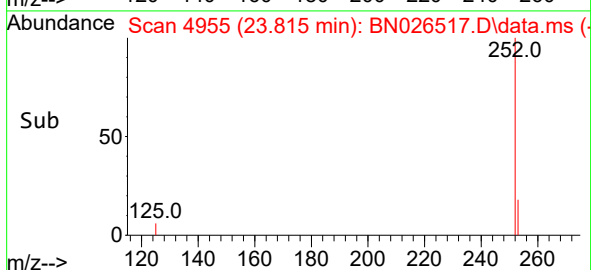
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

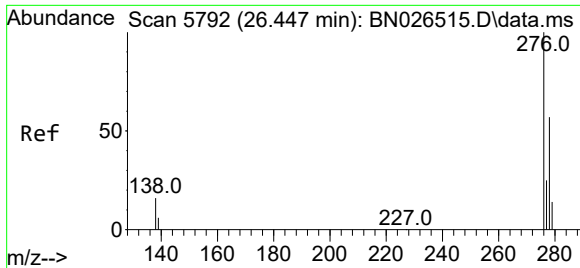


#26
Benzo(a)pyrene
Concen: 0.128 ng/ul
RT: 23.815 min Scan# 4955
Delta R.T. -0.021 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07



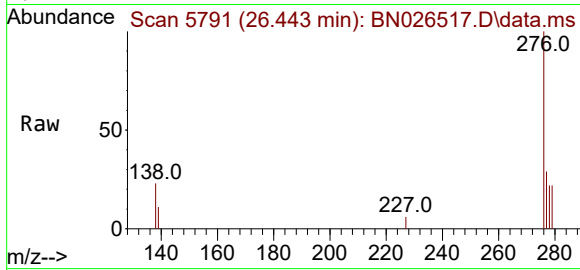
Tgt Ion:252 Resp: 8329
Ion Ratio Lower Upper
252 100
253 39.0 32.6 49.0
125 26.2 19.3 28.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.092 ng/ul
 RT: 26.443 min Scan# 5792
 Delta R.T. -0.024 min
 Lab File: BN026517.D
 Acq: 15 Jul 2023 18:07

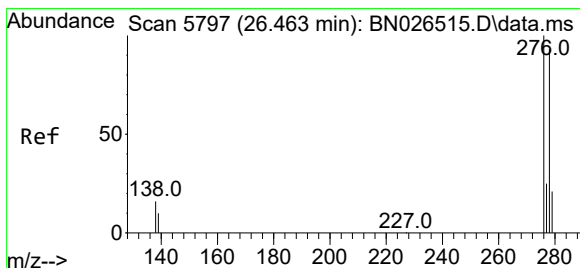
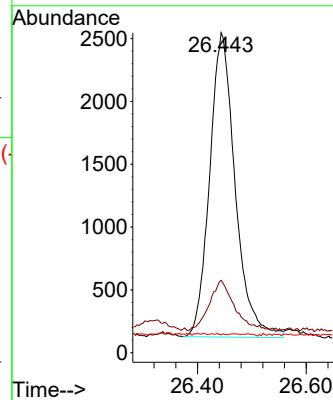
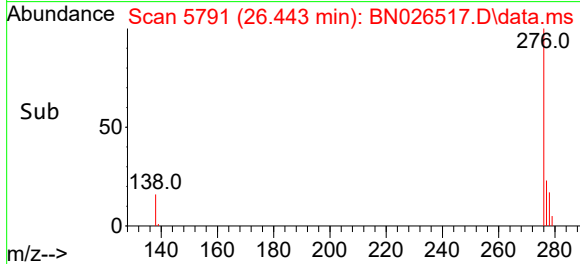
Instrument :
 BNA_N
 ClientSampleId :
 A46G5



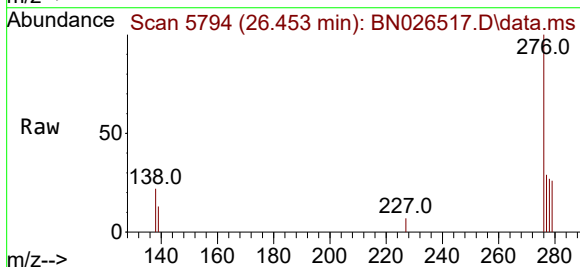
Tgt Ion:276 Resp: 789
 Ion Ratio Lower Upper
 276 100
 138 16.7 22.2 33.4#
 227 0.1 0.1 0.1#

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.029 ng/ul
 RT: 26.453 min Scan# 5794
 Delta R.T. -0.024 min
 Lab File: BN026517.D
 Acq: 15 Jul 2023 18:07



Tgt Ion:278 Resp: 1886
 Ion Ratio Lower Upper
 278 100
 139 47.1 18.9 28.3#
 279 95.9 31.3 46.9#

