

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026519.D
 Acq On : 15 Jul 2023 19:21
 Operator : MA/JU
 Sample : 03414-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46E5

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 00:55:35 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	7.947	152	2785	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.754	136	8524	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.584	164	5578	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	12247	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	10750	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	10086	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	8919	2.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	2461	0.212	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	7399	0.199	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.803	128	4644	0.198	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	276	0.021	ng/ul	96
15) Phenanthrene	17.368	178	3183	0.082	ng/ul	94
19) Fluoranthene	19.387	202	10514	0.209	ng/ul	98
20) Pyrene	19.745	202	8827	0.161	ng/ul#	97
21) Benzo(a)anthracene	21.497	228	4477	0.113	ng/ul	95
22) Chrysene	21.552	228	4849	0.108	ng/ul#	94
24) Benzo(b)fluoranthene	23.195	252	6468m	0.165	ng/ul	
25) Benzo(k)fluoranthene	23.239	252	3018m	0.073	ng/ul	
26) Benzo(a)pyrene	23.818	252	2008	0.057	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.450	276	2651	0.058	ng/ul#	86

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

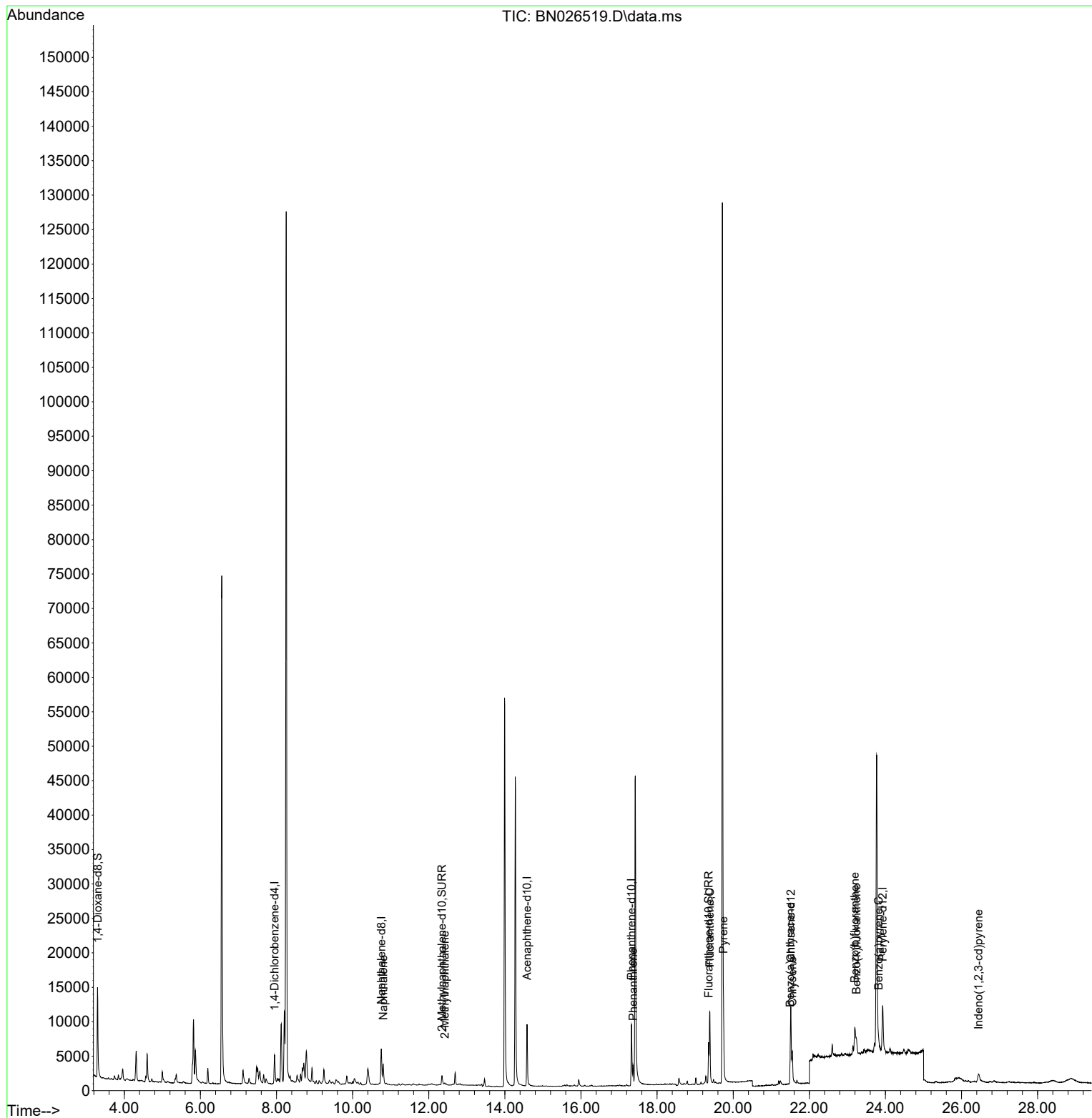
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
Data File : BN026519.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

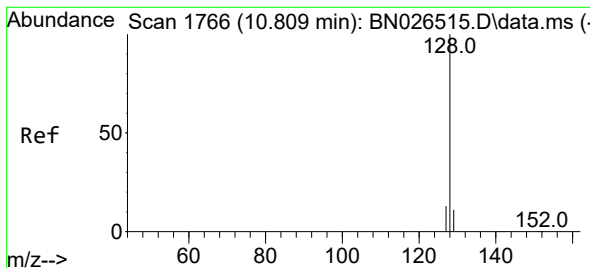
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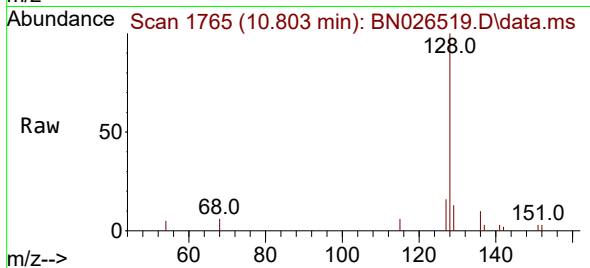
Quant Time: Jul 16 00:55:35 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
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#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.803 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

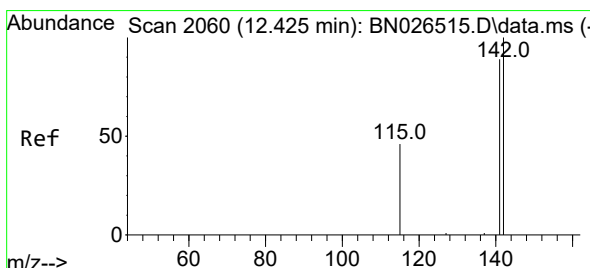
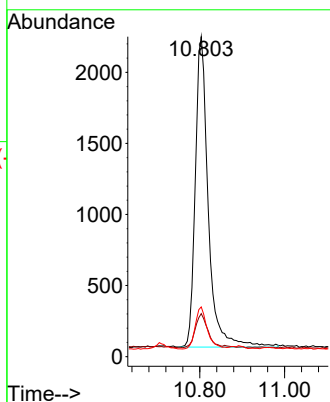
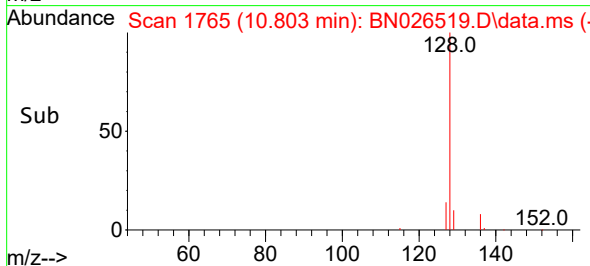
Instrument :
BNA_N
ClientSampleId :
A46E5



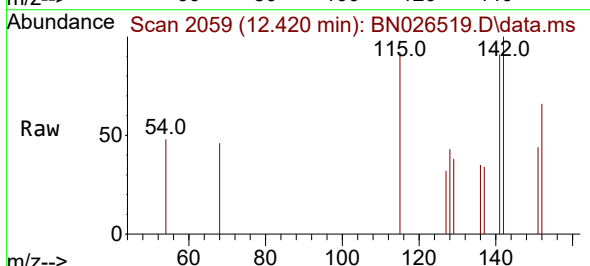
Tgt Ion:128 Resp: 464
Ion Ratio Lower Upper
128 100
129 13.4 10.2 15.2
127 15.5 11.4 17.0

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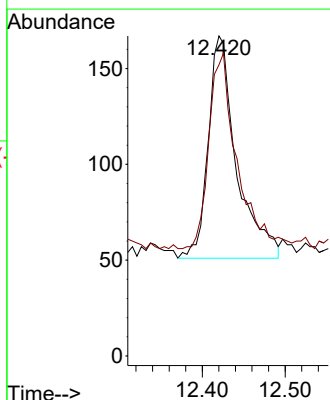
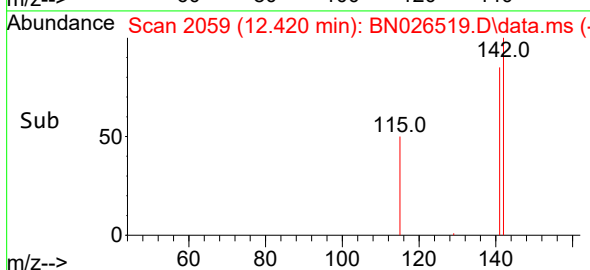
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

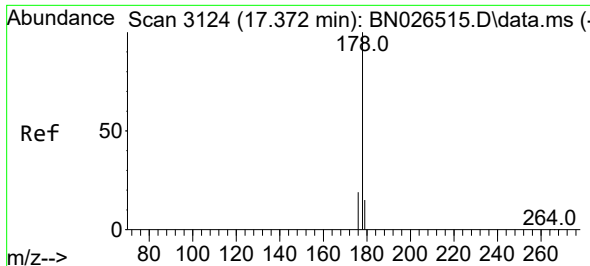


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21



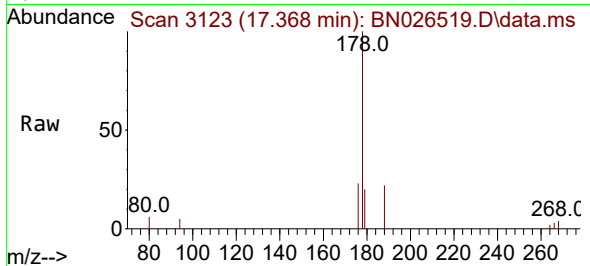
Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
141 86.2 72.3 108.5





#15
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

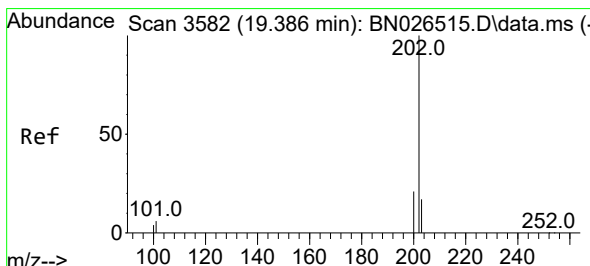
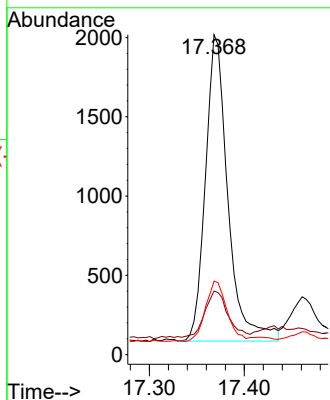
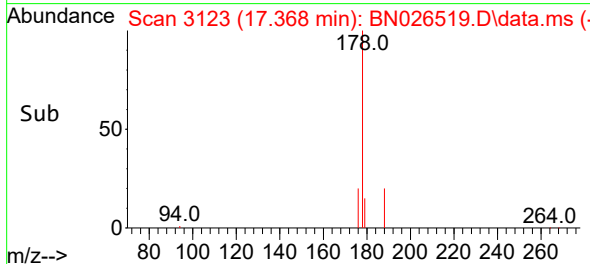
Instrument :
BNA_N
ClientSampleId :
A46E5



Tgt Ion:178 Resp: 318
Ion Ratio Lower Upper
178 100
179 19.9 13.7 20.5
176 23.0 16.5 24.7

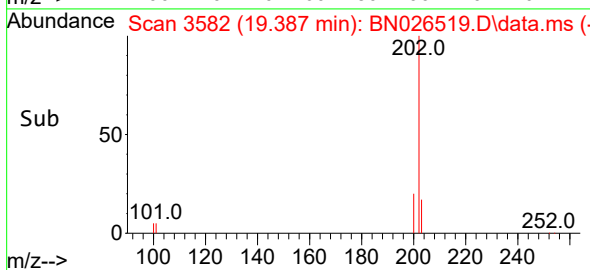
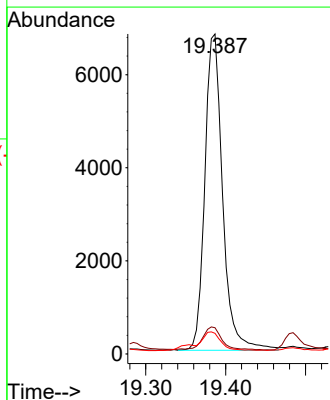
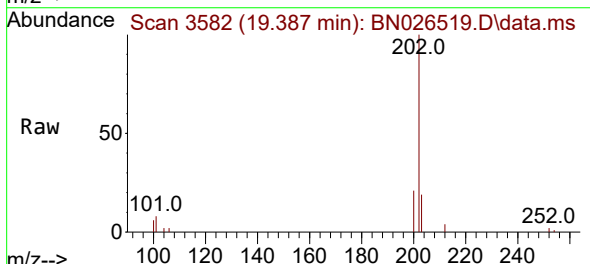
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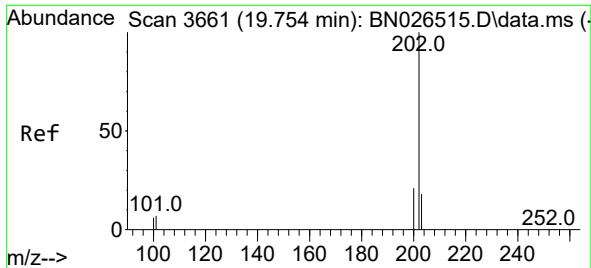
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#19
Fluoranthene
Concen: 0.209 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

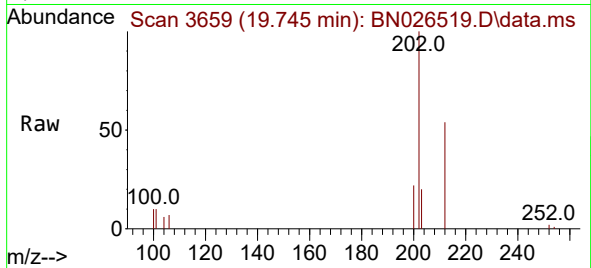
Tgt Ion:202 Resp: 10514
Ion Ratio Lower Upper
202 100
101 8.2 7.0 10.4
100 6.4 6.0 9.0





#20
Pyrene
Concen: 0.161 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.014 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

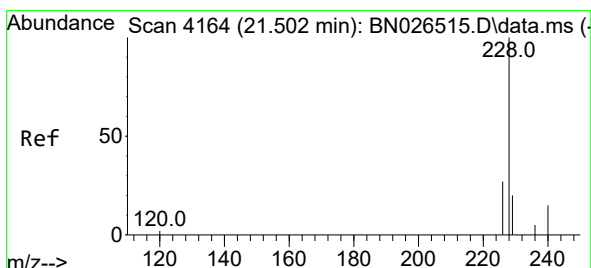
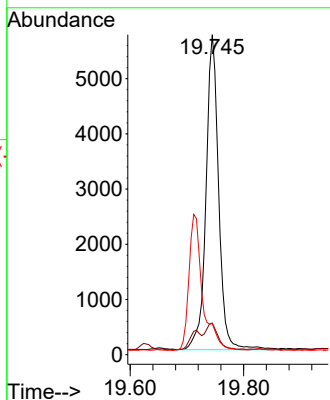
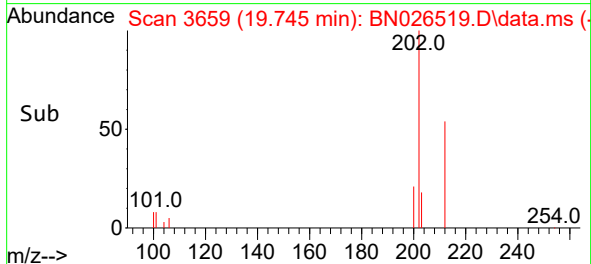
Instrument :
BNA_N
ClientSampleId :
A46E5



Tgt Ion:202 Resp: 882
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 9.8 6.2 9.2

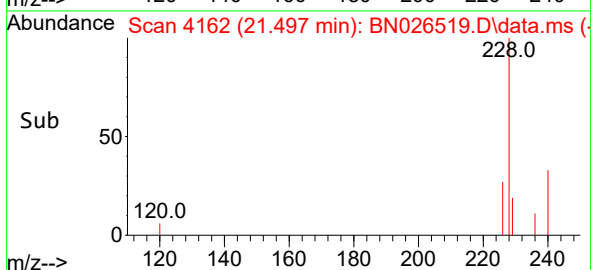
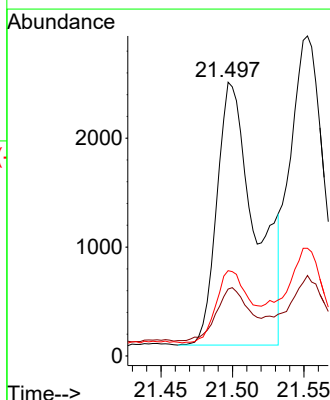
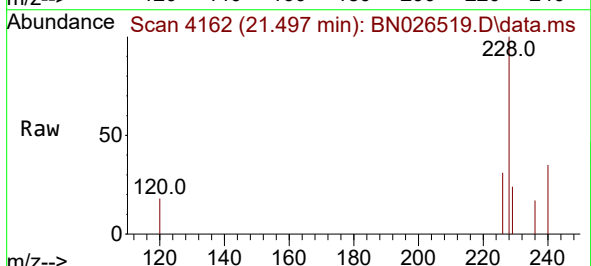
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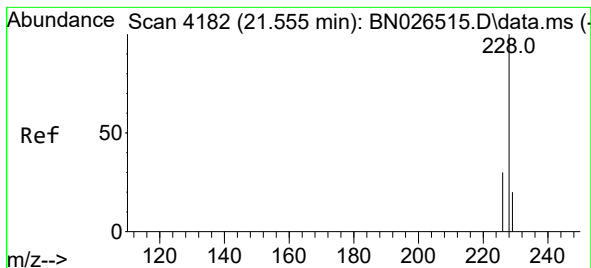
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.113 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.009 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

Tgt Ion:228 Resp: 4477
Ion Ratio Lower Upper
228 100
229 24.4 16.7 25.1
226 31.1 23.5 35.3





#22

Chrysene

Concen: 0.108 ng/ul

RT: 21.552 min Scan# 4182

Delta R.T. -0.009 min

Lab File: BN026519.D

Acq: 15 Jul 2023 19:21

Instrument :

BNA_N

ClientSampleId :

A46E5

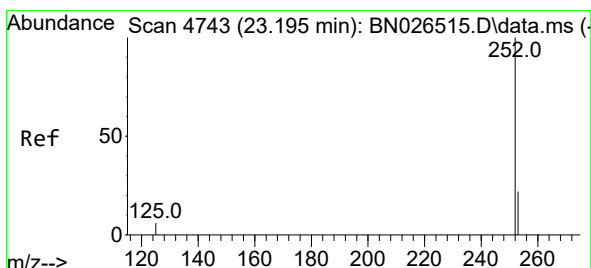
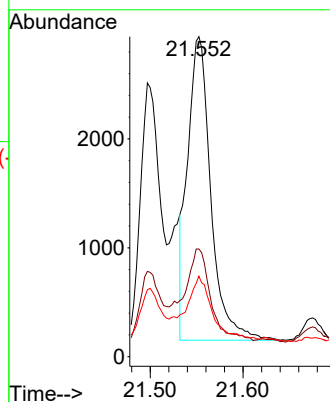
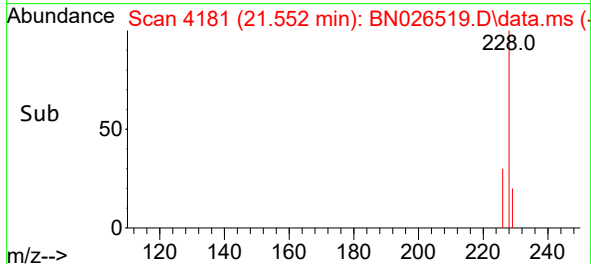
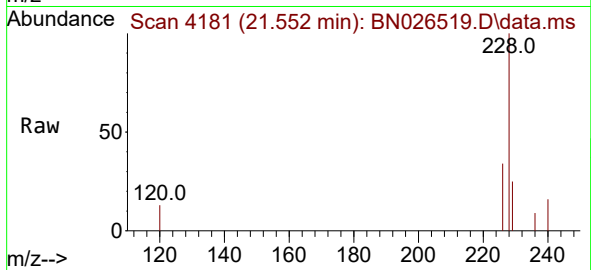
Tgt Ion:228	Resp:	4849
Ion Ratio	Lower	Upper
228	100	
226	33.7	25.2 37.8
229	25.2	16.4 24.6

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Supervised By :mohammad ahmed 07/17/2023



#24

Benzo(b)fluoranthene

Concen: 0.165 ng/ul m

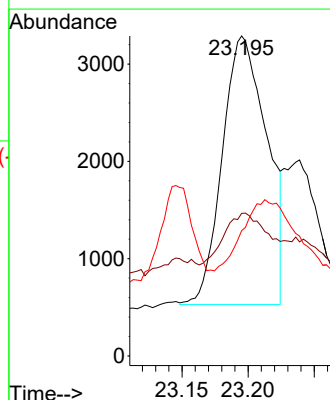
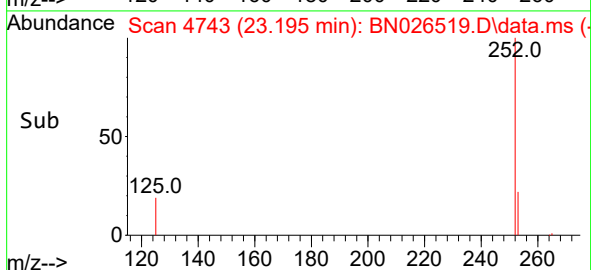
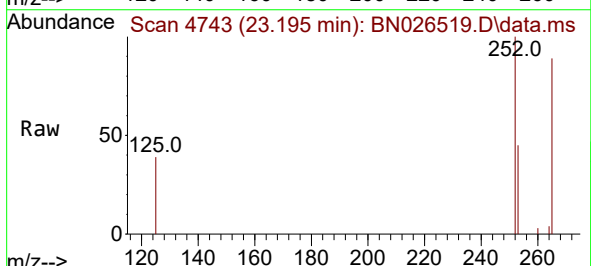
RT: 23.195 min Scan# 4743

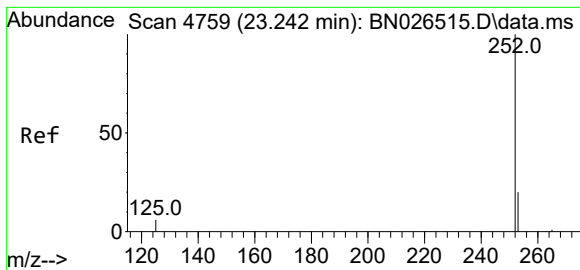
Delta R.T. -0.009 min

Lab File: BN026519.D

Acq: 15 Jul 2023 19:21

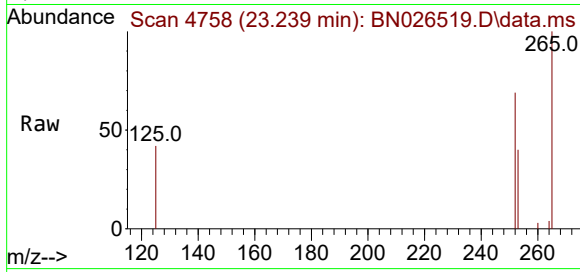
Tgt Ion:252	Resp:	6468
Ion Ratio	Lower	Upper
252	100	
253	44.5	0.0 68.6
125	39.2	0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 23.239 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21

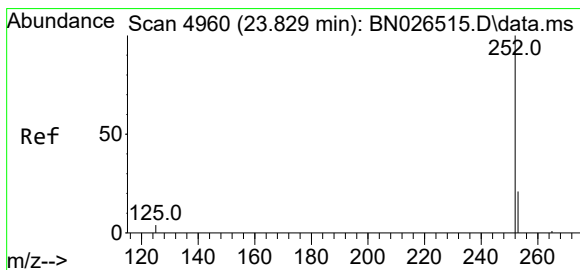
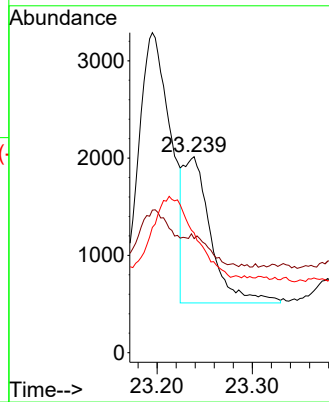
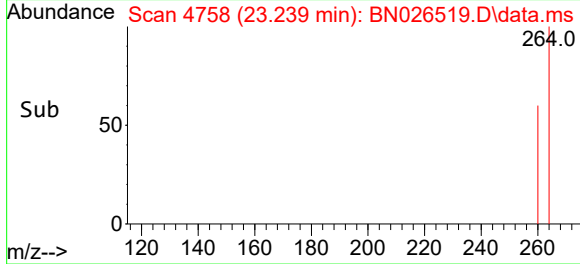
Instrument :
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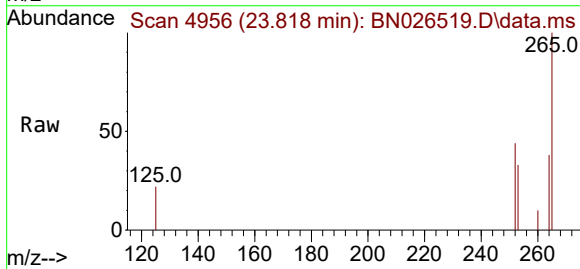
Tgt Ion:252 Resp: 3018
Ion Ratio Lower Upper
252 100
253 58.2 27.2 40.8
125 61.1 13.4 20.2

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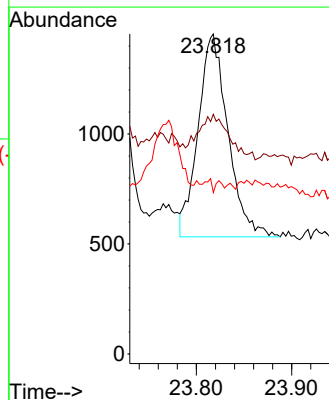
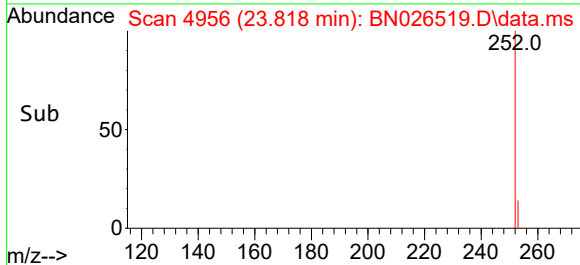
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

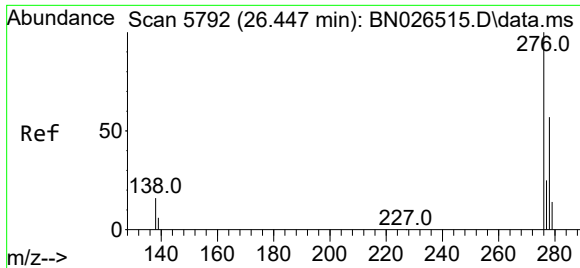


#26
Benzo(a)pyrene
Concen: 0.057 ng/ul
RT: 23.818 min Scan# 4956
Delta R.T. -0.017 min
Lab File: BN026519.D
Acq: 15 Jul 2023 19:21



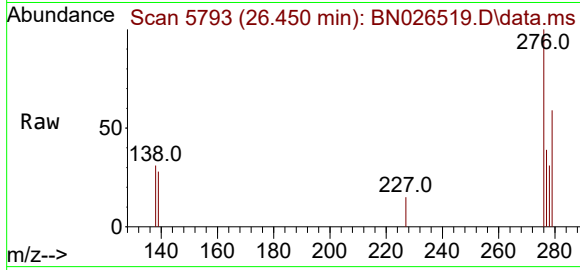
Tgt Ion:252 Resp: 2008
Ion Ratio Lower Upper
252 100
253 74.9 32.6 49.0#
125 50.4 19.3 28.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.058 ng/ul
 RT: 26.450 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN026519.D
 Acq: 15 Jul 2023 19:21

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion: 276 Resp: 265
 Ion Ratio Lower Upper
 276 100
 138 20.7 22.2 33.4
 227 0.2 0.1 0.1

Manual Integrations
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