

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026518.D
 Acq On : 15 Jul 2023 18:44
 Operator : MA/JU
 Sample : 03414-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4639

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 00:55:26 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	3107	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	9545	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	6325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	15364	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	12516	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	11792	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	11203	2.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	3314	0.255	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	10068	0.232	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.803	128	5627	0.215	ng/ul	98
7) 2-Methylnaphthalene	12.425	142	440	0.030	ng/ul	94
15) Phenanthrene	17.368	178	5378	0.110	ng/ul	96
19) Fluoranthene	19.387	202	14624	0.249	ng/ul	98
20) Pyrene	19.744	202	13405m	0.210	ng/ul	
21) Benzo(a)anthracene	21.503	228	6746	0.147	ng/ul#	91
22) Chrysene	21.552	228	6541	0.125	ng/ul#	92
24) Benzo(b)fluoranthene	23.198	252	7409m	0.161	ng/ul	
25) Benzo(k)fluoranthene	23.242	252	3066m	0.064	ng/ul	
26) Benzo(a)pyrene	23.824	252	2791	0.068	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.454	276	3024	0.056	ng/ul#	81

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

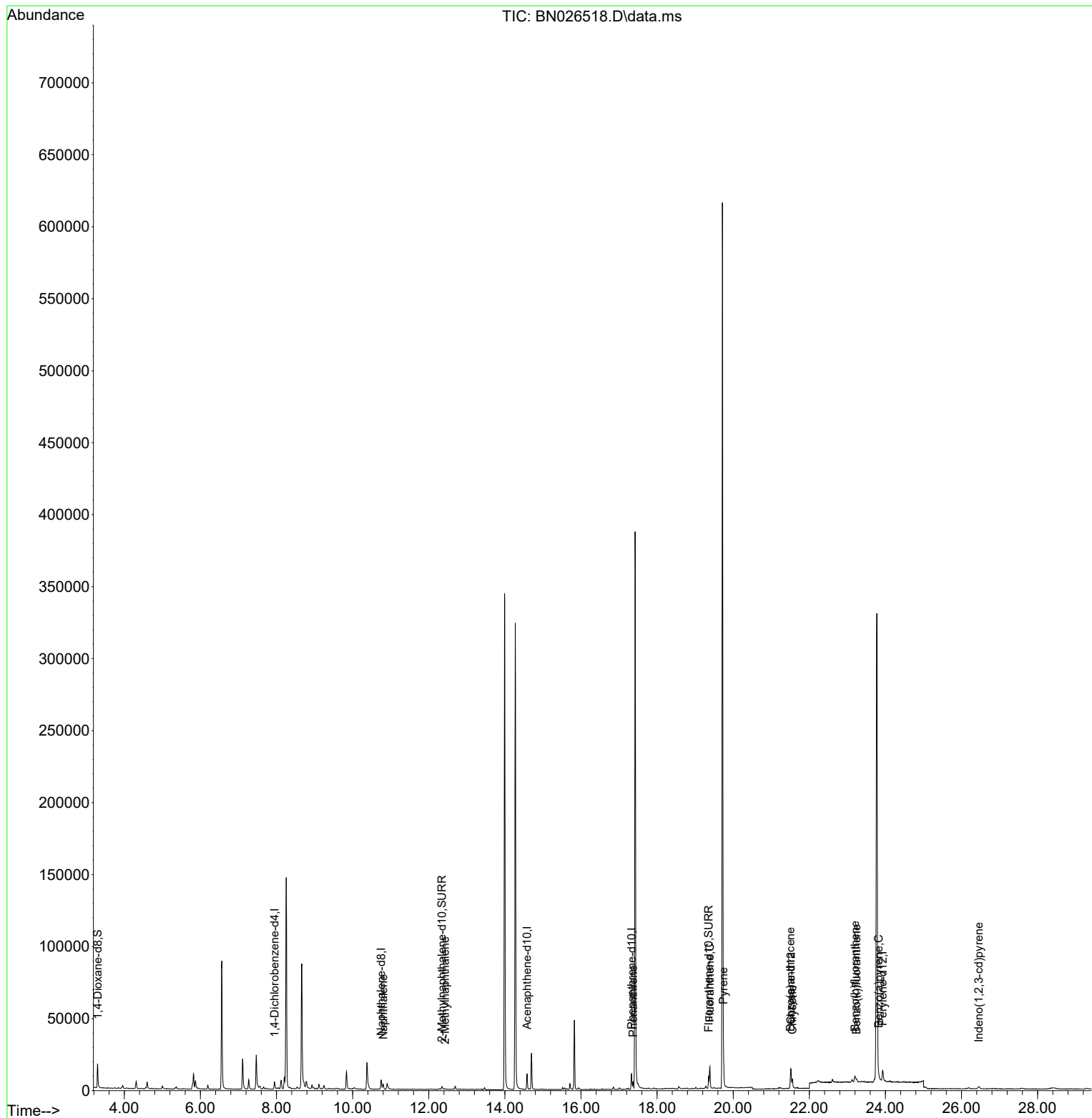
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
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ALS Vial : 5 Sample Multiplier: 1

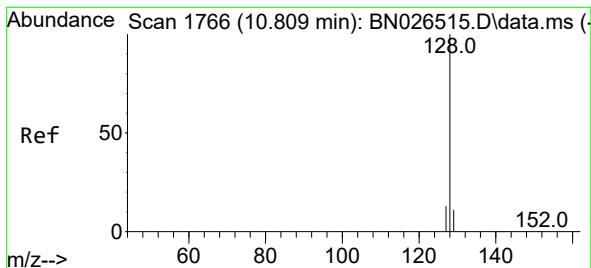
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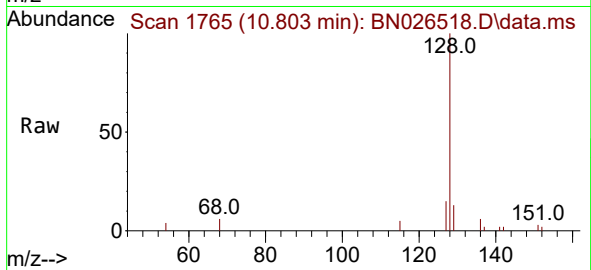
Quant Time: Jul 16 00:55:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
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#5
Naphthalene
Concen: 0.215 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

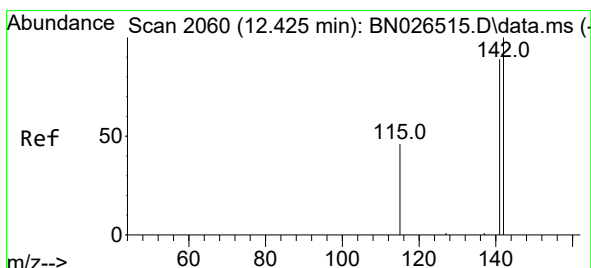
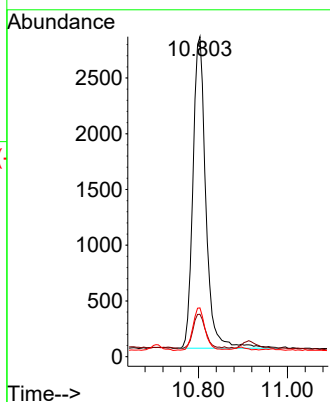
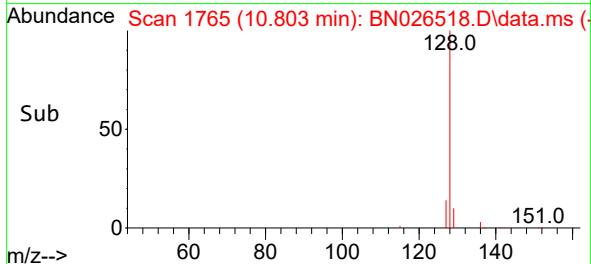
Instrument :
BNA_N
ClientSampleId :
A4639



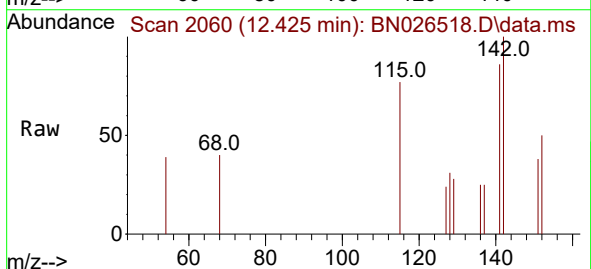
Tgt Ion:128 Resp: 562
Ion Ratio Lower Upper
128 100
129 13.3 10.2 15.2
127 15.3 11.4 17.0

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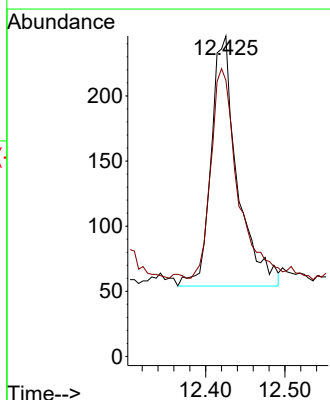
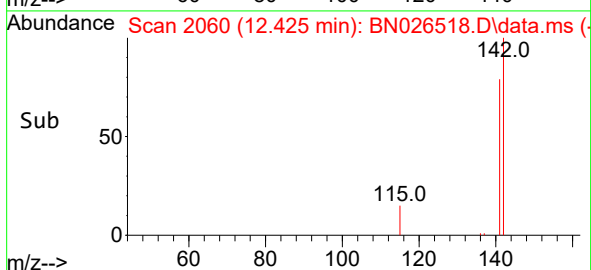
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

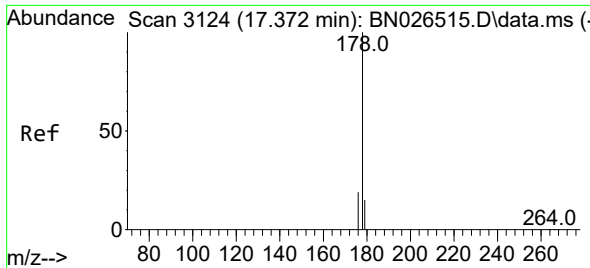


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44



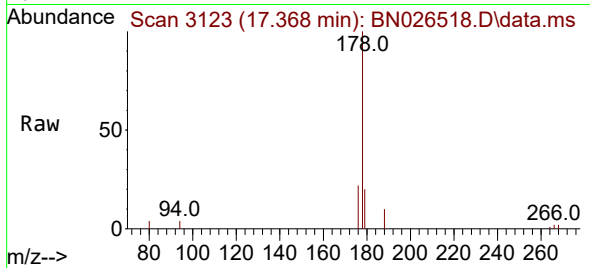
Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
141 85.0 72.3 108.5





#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

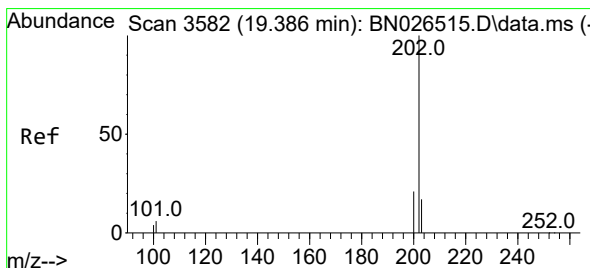
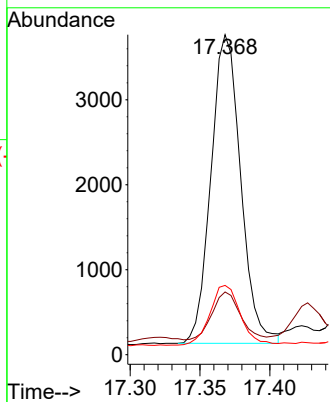
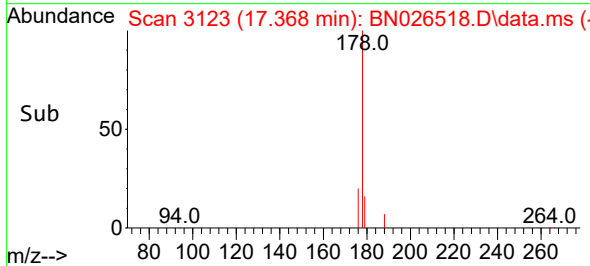
Instrument :
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A4639



Tgt Ion:178 Resp: 5378
Ion Ratio Lower Upper
178 100
179 19.6 13.7 20.5
176 21.7 16.5 24.7

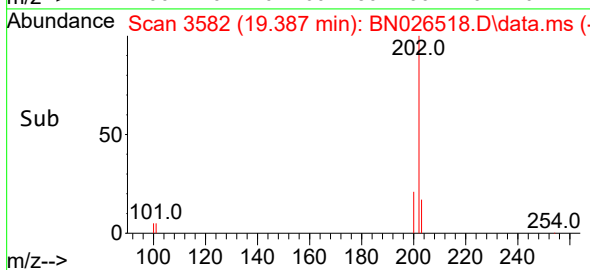
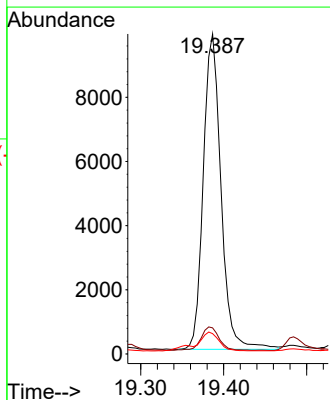
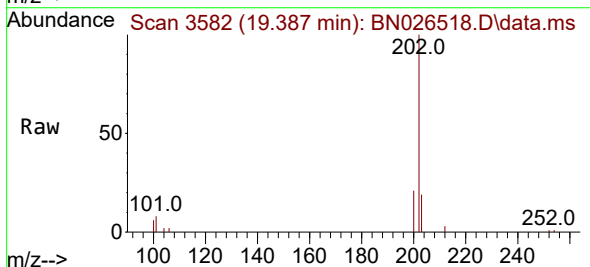
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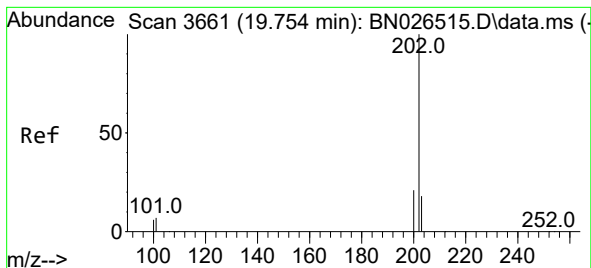
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#19
Fluoranthene
Concen: 0.249 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

Tgt Ion:202 Resp: 14624
Ion Ratio Lower Upper
202 100
101 8.2 7.0 10.4
100 6.4 6.0 9.0





#20

Pyrene

Concen: 0.210 ng/ul m

RT: 19.744 min Scan# 3659

Delta R.T. -0.014 min

Lab File: BN026518.D

Acq: 15 Jul 2023 18:44

Instrument :

BNA_N

ClientSampleId :

A4639

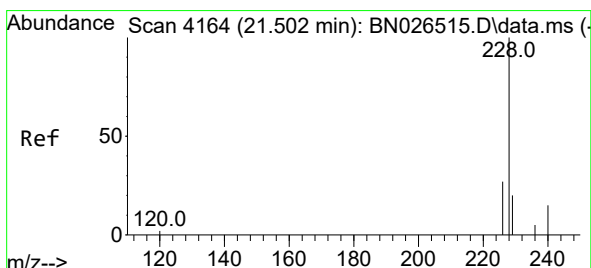
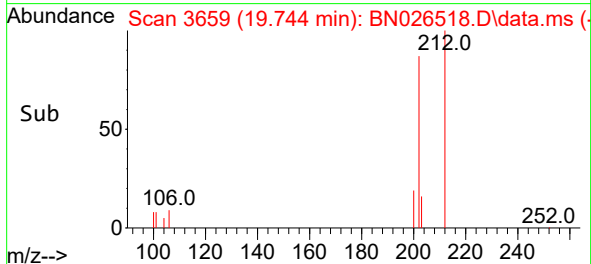
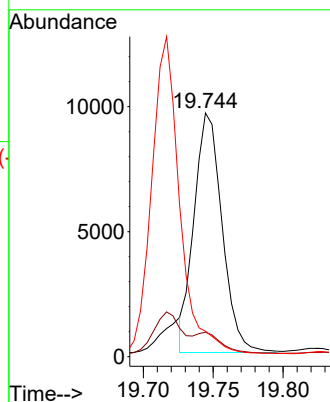
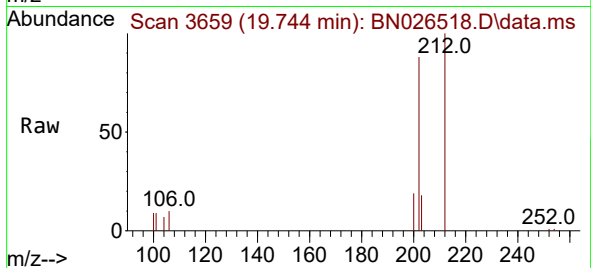
Tgt Ion:	202	Resp:	1340
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.0	12.0
100	10.4	6.2	9.2

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#21

Benzo(a)anthracene

Concen: 0.147 ng/ul

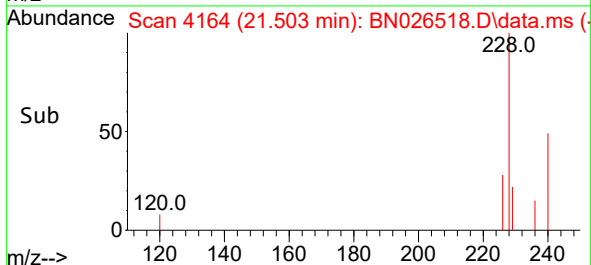
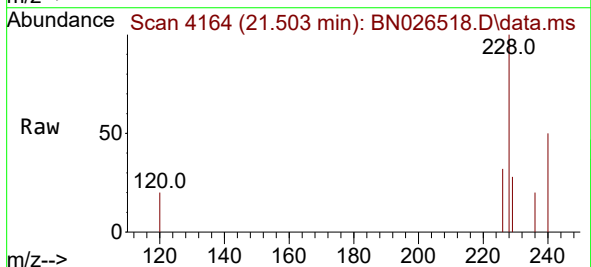
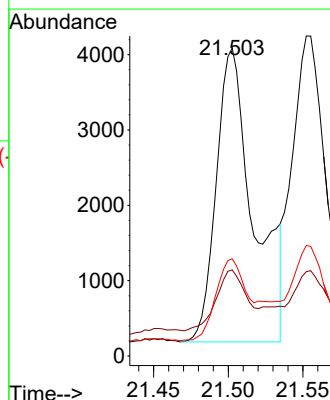
RT: 21.503 min Scan# 4164

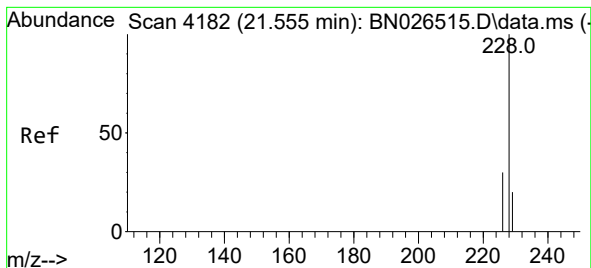
Delta R.T. -0.003 min

Lab File: BN026518.D

Acq: 15 Jul 2023 18:44

Tgt Ion:	228	Resp:	6746
Ion Ratio	Lower	Upper	
228	100		
229	28.0	16.7	25.1
226	31.6	23.5	35.3





#22

Chrysene

Concen: 0.125 ng/ul

RT: 21.552 min Scan# 4181

Delta R.T. -0.009 min

Lab File: BN026518.D

Acq: 15 Jul 2023 18:44

Instrument :

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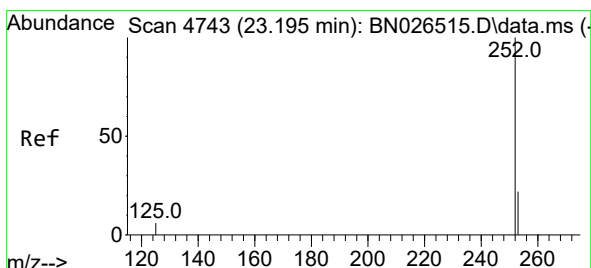
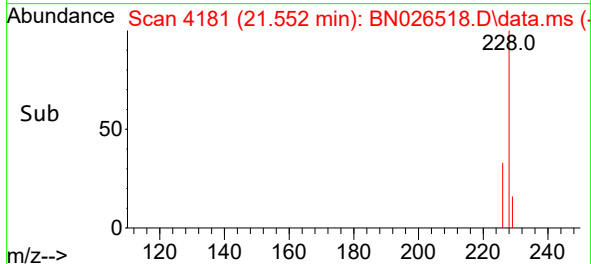
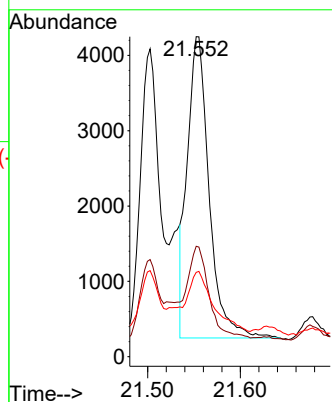
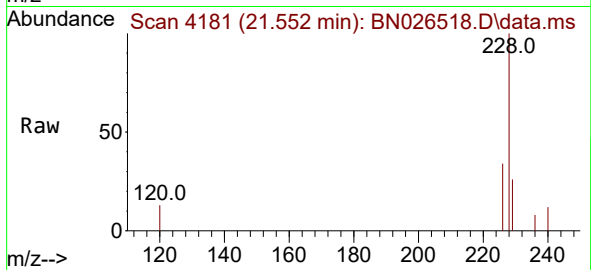
Tgt Ion:228	Resp: 654
Ion Ratio	Lower Upper
228 100	
226 34.5	25.2 37.8
229 26.4	16.4 24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#24

Benzo(b)fluoranthene

Concen: 0.161 ng/ul m

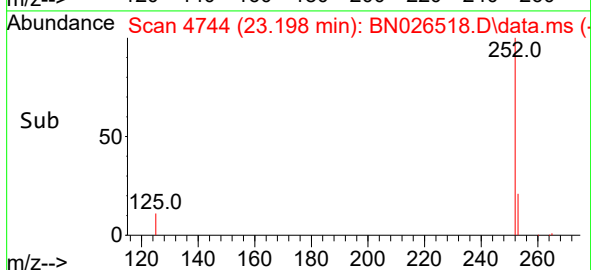
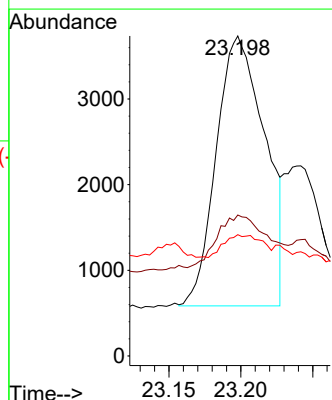
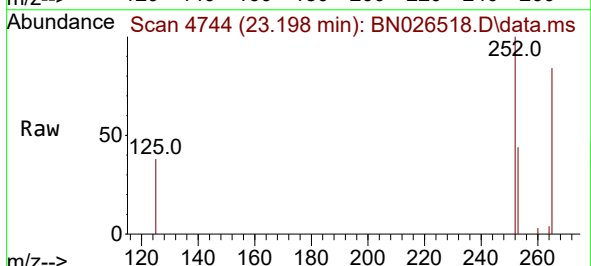
RT: 23.198 min Scan# 4744

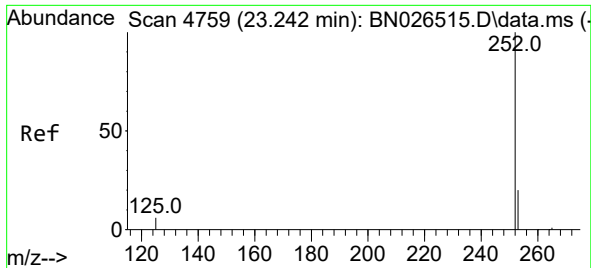
Delta R.T. -0.006 min

Lab File: BN026518.D

Acq: 15 Jul 2023 18:44

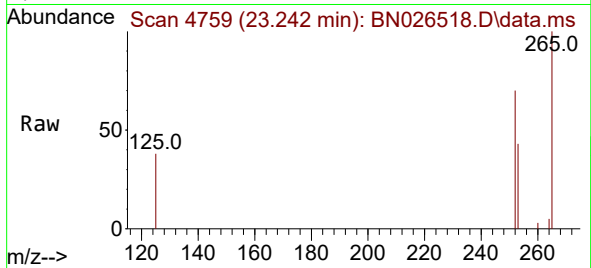
Tgt Ion:252	Resp: 7409
Ion Ratio	Lower Upper
252 100	
253 44.0	0.0 68.6
125 37.9	0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.064 ng/ul m
RT: 23.242 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

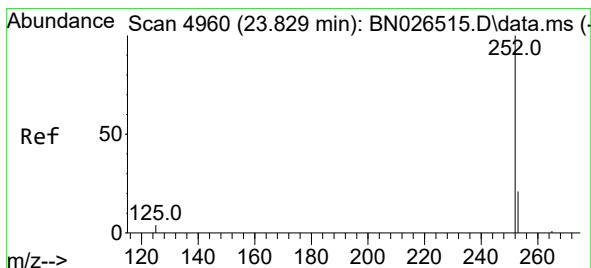
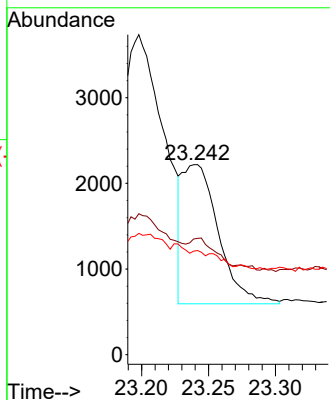
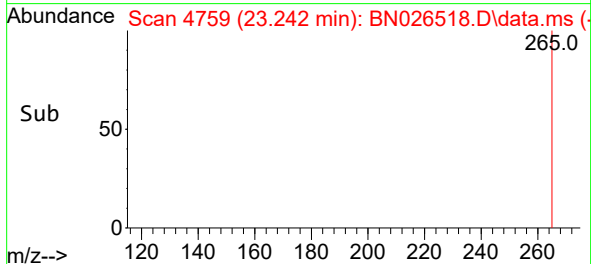
Instrument :
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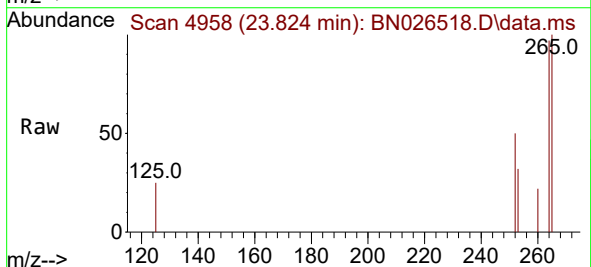
Tgt Ion:252 Resp: 3060
Ion Ratio Lower Upper
252 100
253 61.2 27.2 40.8#
125 54.8 13.4 20.2#

Manual Integrations
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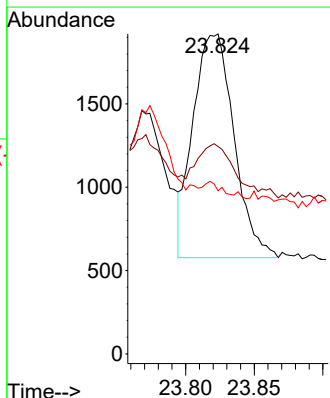
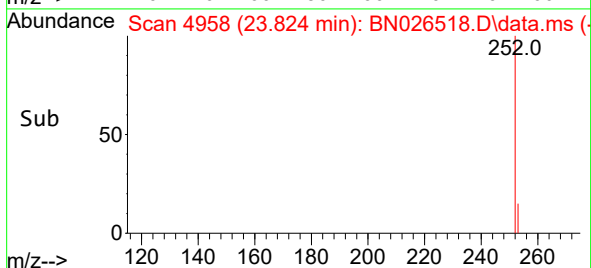
Reviewed By :Yogesh Patel 07/17/2023
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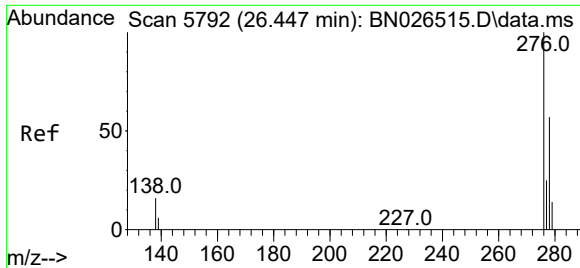


#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.824 min Scan# 4958
Delta R.T. -0.012 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44



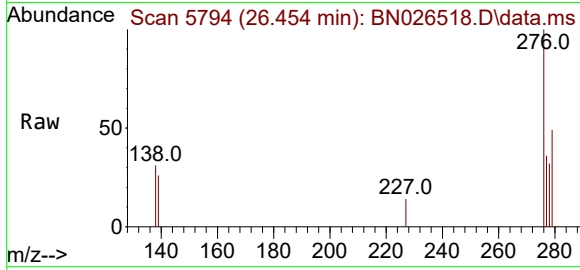
Tgt Ion:252 Resp: 2791
Ion Ratio Lower Upper
252 100
253 64.8 32.6 49.0#
125 51.0 19.3 28.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.056 ng/ul
 RT: 26.454 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BN026518.D
 Acq: 15 Jul 2023 18:44

Instrument :
 BNA_N
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Tgt Ion: 276 Resp: 3024
 Ion Ratio Lower Upper
 276 100
 138 17.9 22.2 33.4
 227 0.0 0.1 0.1

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