

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BN026504.D
 Acq On : 14 Jul 2023 17:35
 Operator : MA/JU
 Sample : 03418-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46F3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:54:54 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	7.950	152	2793	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	8709	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.588	164	5918	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	16343	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	13865	0.400	ng/ul	# 0.00
23) Perylene-d12	23.939	264	13838	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	12605	3.427	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3050	0.258	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	10842	0.226	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	101	0.029	ng/ul#	21
5) Naphthalene	10.807	128	1132	0.047	ng/ul#	79
7) 2-Methylnaphthalene	12.429	142	336	0.025	ng/ul	99
10) Acenaphthylene	14.306	152	955	0.033	ng/ul#	68
12) Fluorene	15.633	166	1123	0.048	ng/ul#	96
15) Phenanthrene	17.371	178	13353	0.257	ng/ul	99
16) Anthracene	17.460	178	2081	0.046	ng/ul#	85
19) Fluoranthene	19.390	202	31609	0.486	ng/ul#	96
20) Pyrene	19.748	202	32714	0.463	ng/ul	97
21) Benzo(a)anthracene	21.504	228	15260	0.300	ng/ul	95
22) Chrysene	21.557	228	17326m	0.299	ng/ul	
24) Benzo(b)fluoranthene	23.199	252	19591m	0.363	ng/ul	
25) Benzo(k)fluoranthene	23.243	252	7234m	0.128	ng/ul	
26) Benzo(a)pyrene	23.825	252	13151	0.274	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.459	276	7863	0.125	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.462	278	1843	0.038	ng/ul#	20
29) Benzo(g,h,i)perylene	27.237	276	8141	0.147	ng/ul	94

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

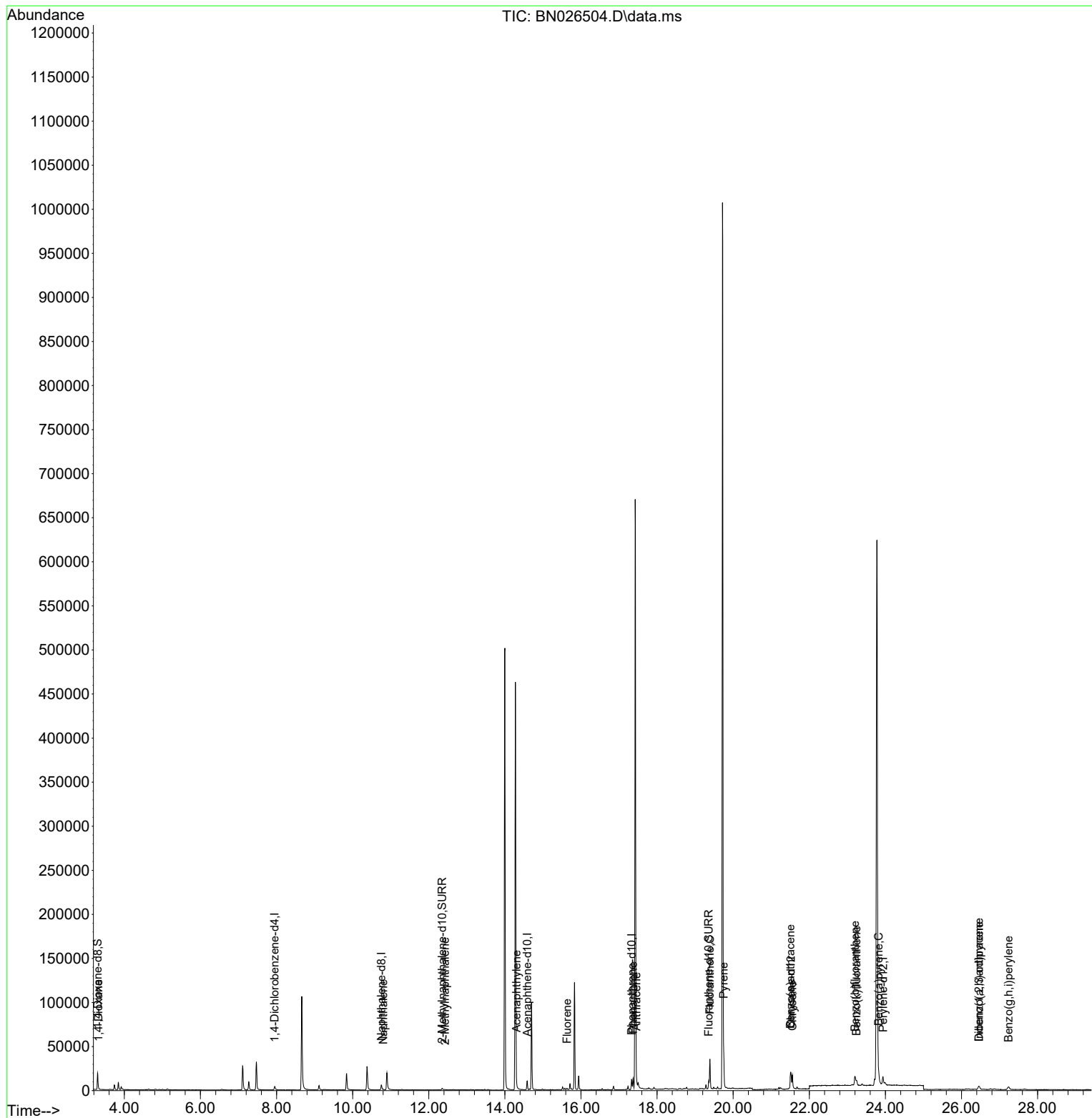
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
Data File : BN026504.D
Acq On : 14 Jul 2023 17:35
Operator : MA/JU
Sample : 03418-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

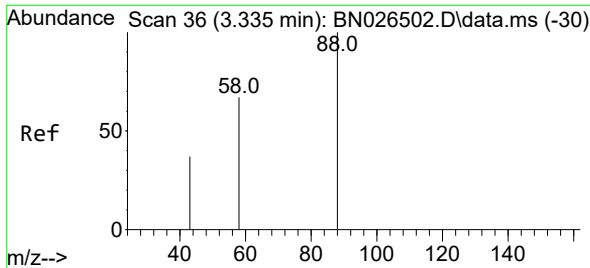
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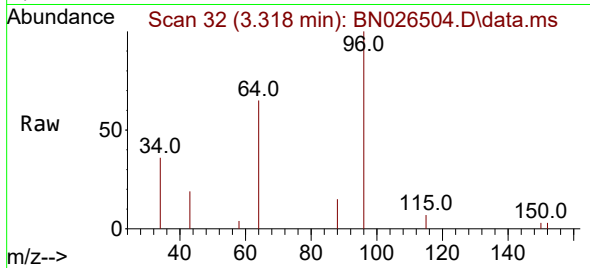
Quant Time: Jul 15 01:54:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. -0.017 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

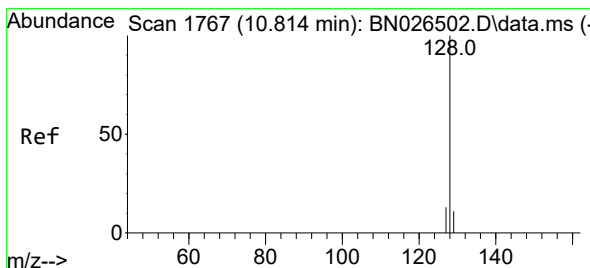
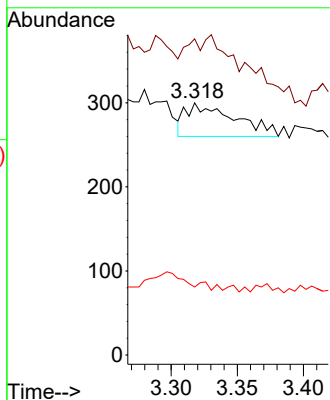
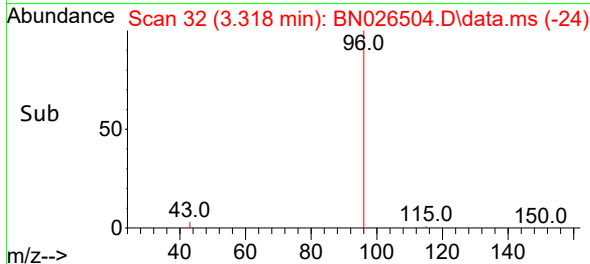
Instrument :
BNA_N
ClientSampleId :
A46F3



Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 125.3 33.0 49.6
58 27.0 41.7 62.5

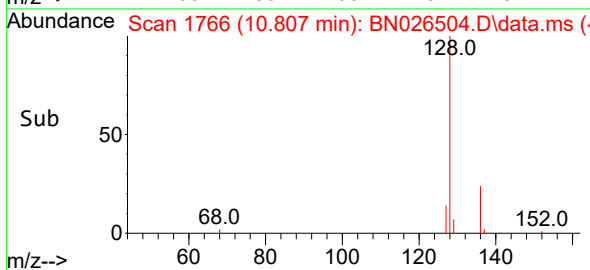
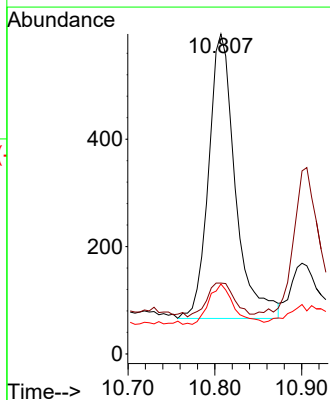
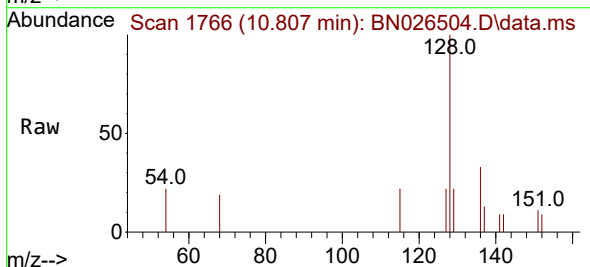
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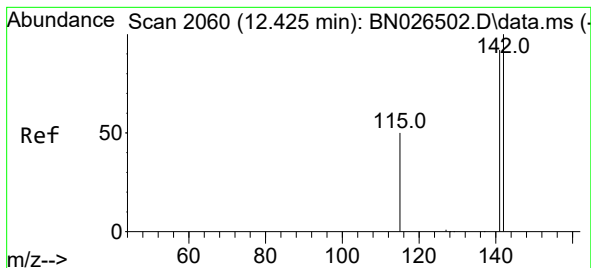
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.007 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

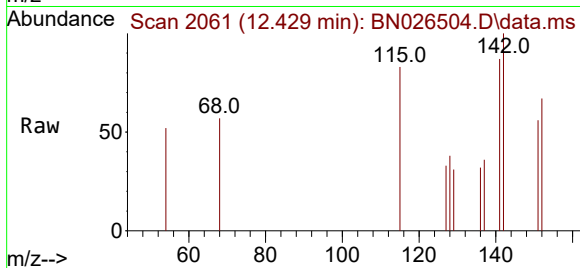
Tgt Ion:128 Resp: 1132
Ion Ratio Lower Upper
128 100
129 22.1 10.2 15.2#
127 21.8 11.4 17.0#





#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. 0.004 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

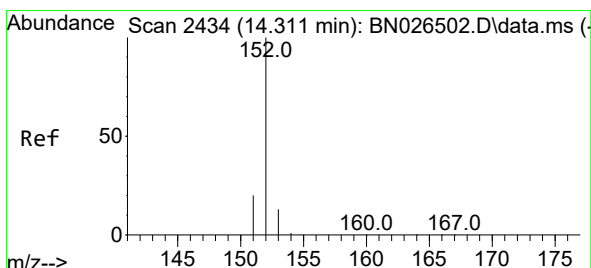
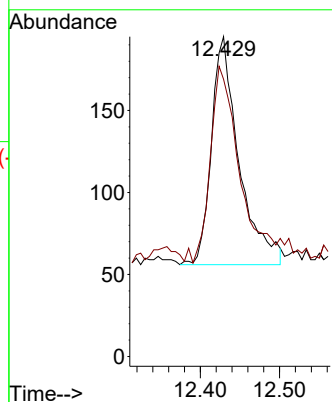
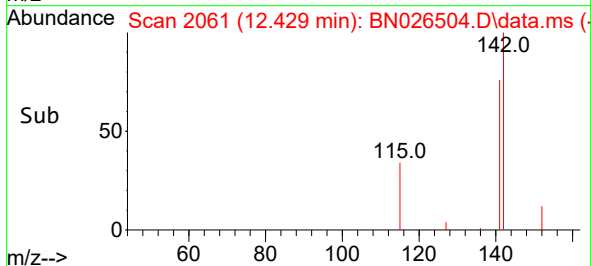
Instrument :
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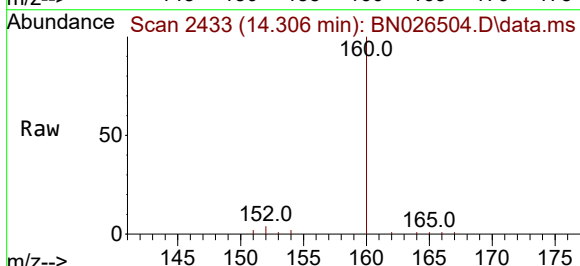
Tgt Ion:142 Resp: 330
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5

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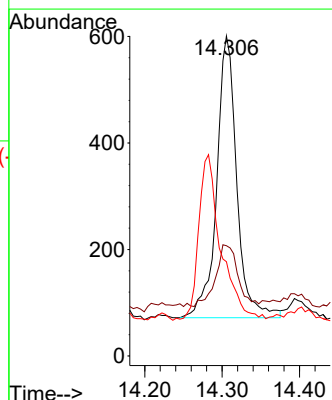
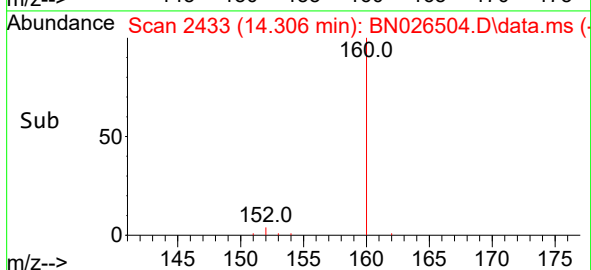
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

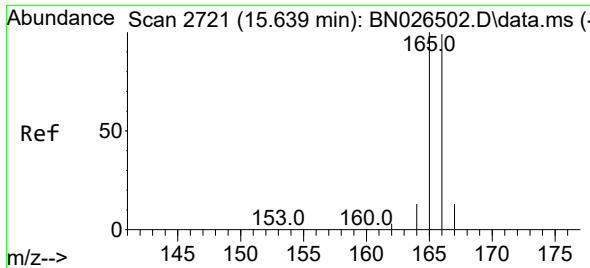


#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35



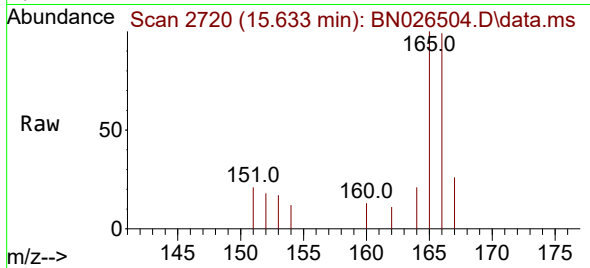
Tgt Ion:152 Resp: 955
Ion Ratio Lower Upper
152 100
151 34.4 17.0 25.6#
153 29.5 11.4 17.2#





#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

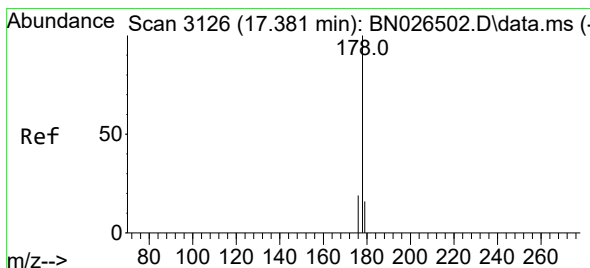
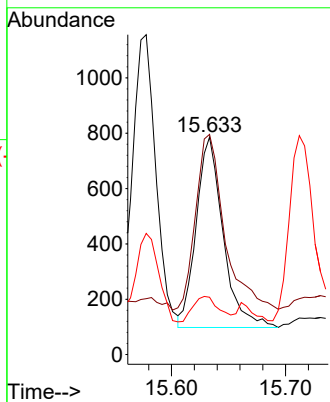
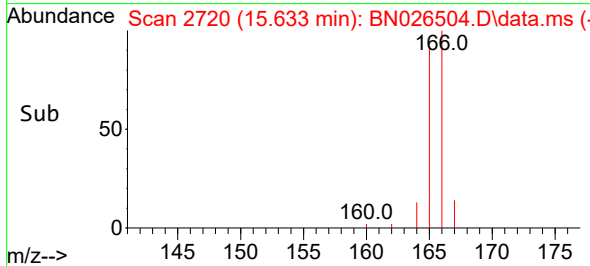
Instrument :
BNA_N
ClientSampleId :
A46F3



Tgt Ion:166 Resp: 112
Ion Ratio Lower Upper
166 100
165 101.3 80.6 120.8
167 26.3 12.0 18.0

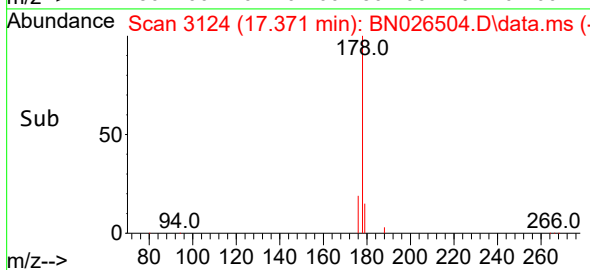
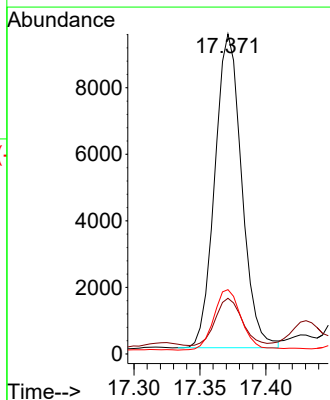
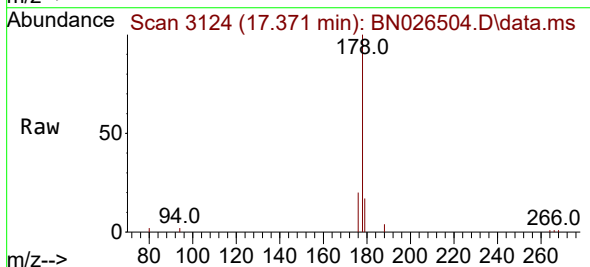
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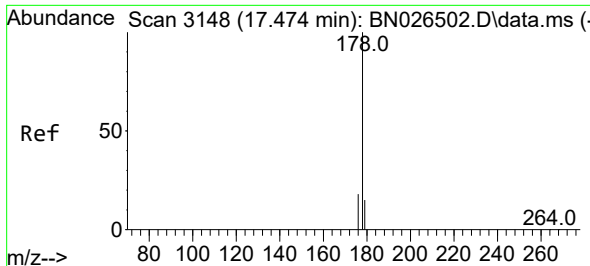
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#15
Phenanthrene
Concen: 0.257 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.009 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

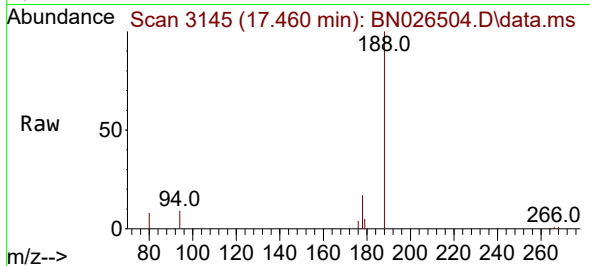
Tgt Ion:178 Resp: 13353
Ion Ratio Lower Upper
178 100
179 17.4 13.7 20.5
176 20.1 16.5 24.7





#16
 Anthracene
 Concen: 0.046 ng/ul
 RT: 17.460 min Scan# 3145
 Delta R.T. -0.014 min
 Lab File: BN026504.D
 Acq: 14 Jul 2023 17:35

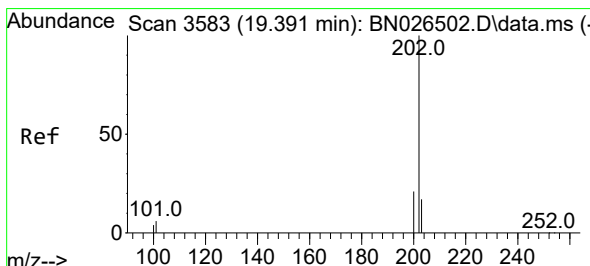
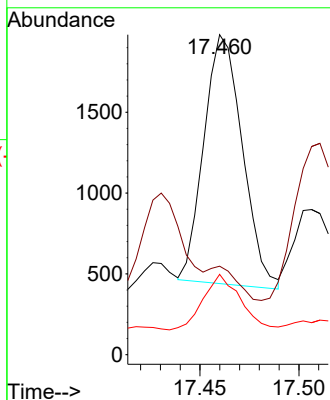
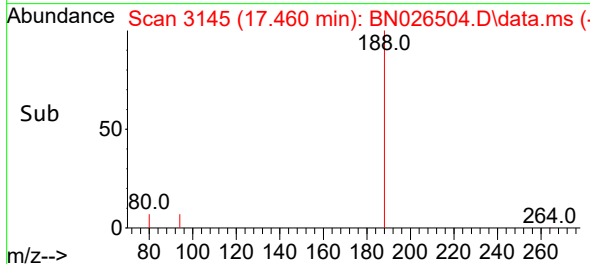
Instrument :
 BNA_N
 ClientSampleId :
 A46F3



Tgt Ion:178 Resp: 208
 Ion Ratio Lower Upper
 178 100
 179 27.7 14.8 22.2
 176 25.1 16.6 25.0

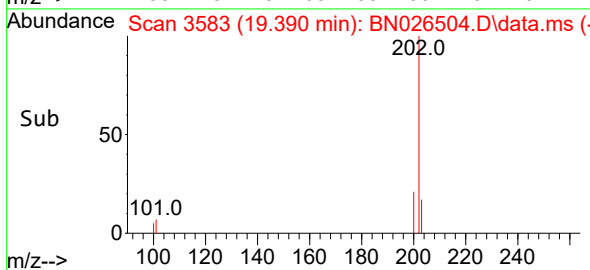
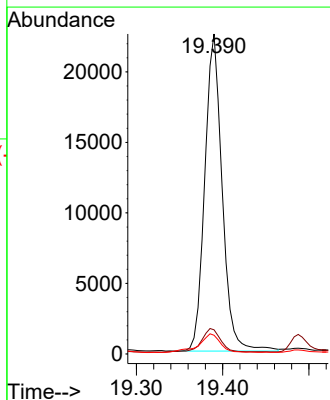
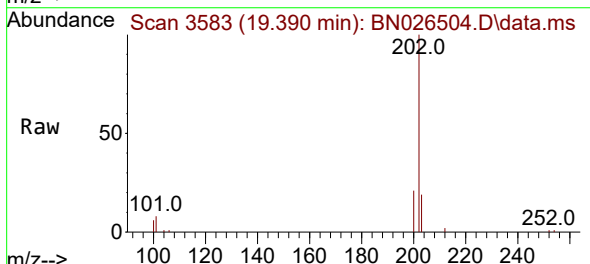
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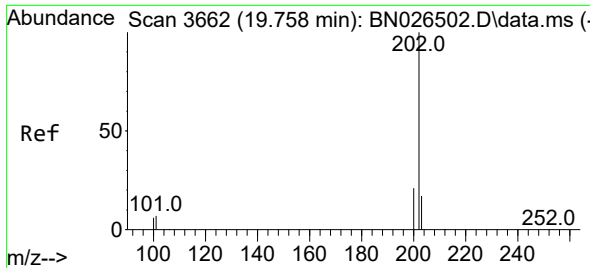
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 0.486 ng/ul
 RT: 19.390 min Scan# 3583
 Delta R.T. -0.001 min
 Lab File: BN026504.D
 Acq: 14 Jul 2023 17:35

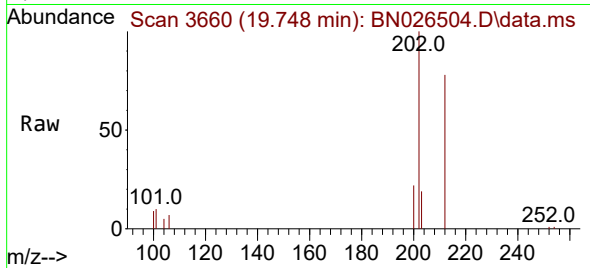
Tgt Ion:202 Resp: 31609
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.0 10.4
 100 5.8 6.0 9.0





#20
Pyrene
Concen: 0.463 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.011 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

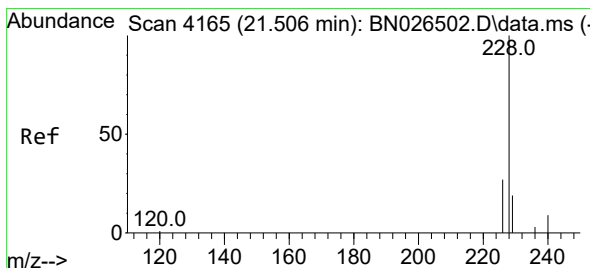
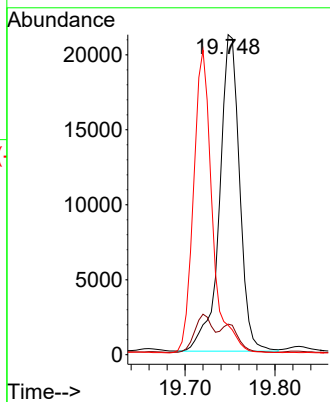
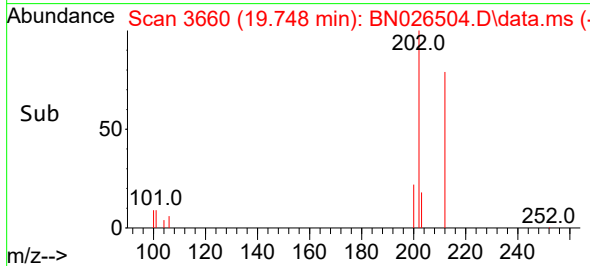
Instrument :
BNA_N
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A46F3



Tgt Ion:202 Resp: 32714
Ion Ratio Lower Upper
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101 9.6 8.0 12.0
100 9.2 6.2 9.2

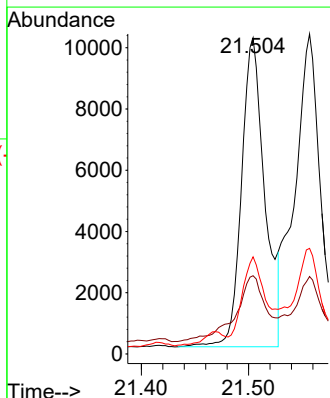
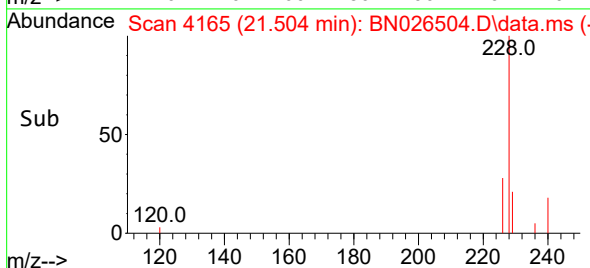
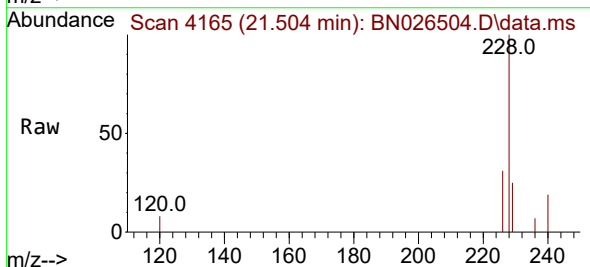
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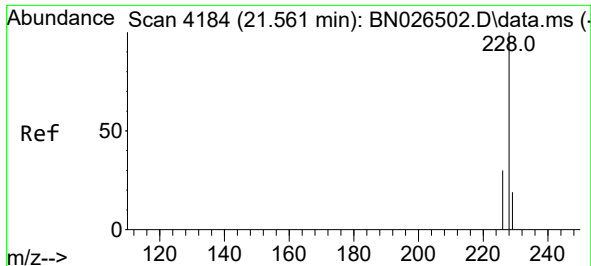
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.001 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

Tgt Ion:228 Resp: 15260
Ion Ratio Lower Upper
228 100
229 24.7 16.7 25.1
226 30.7 23.5 35.3





#22

Chrysene

Concen: 0.299 ng/ul m

RT: 21.557 min Scan# 4183

Delta R.T. -0.004 min

Lab File: BN026504.D

Acq: 14 Jul 2023 17:35

Instrument :

BNA_N

ClientSampleId :

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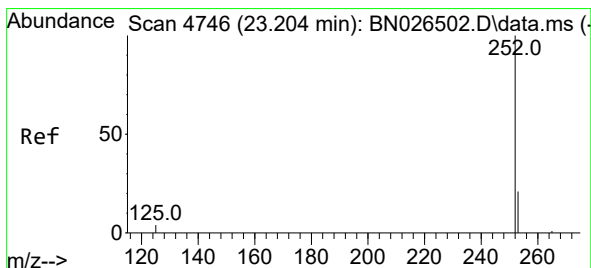
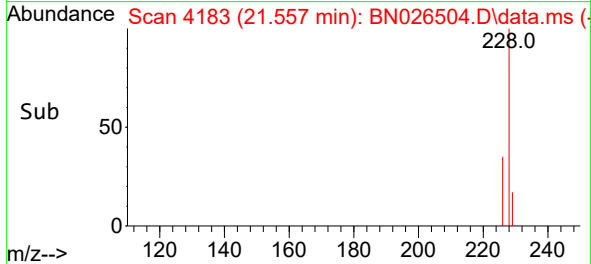
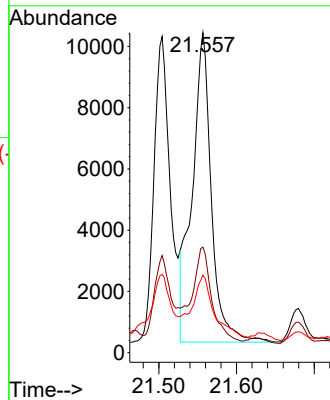
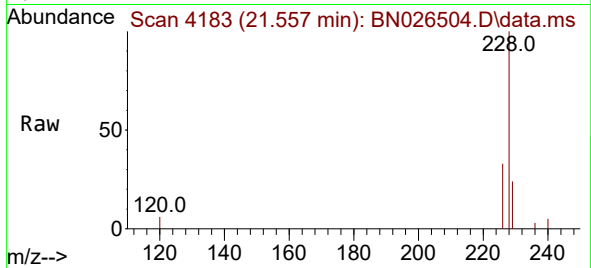
Tgt Ion:	228	Resp:	17320
Ion Ratio	Lower	Upper	
228	100		
226	33.0	25.2	37.8
229	24.2	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#24

Benzo(b)fluoranthene

Concen: 0.363 ng/ul m

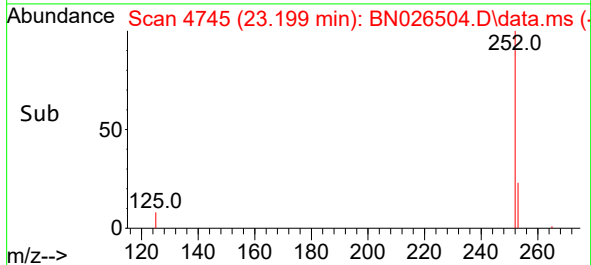
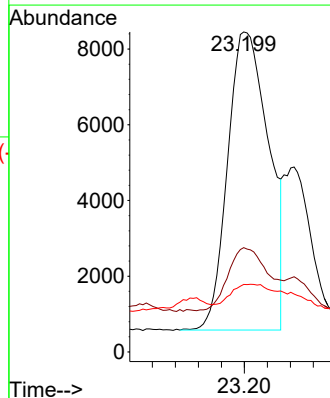
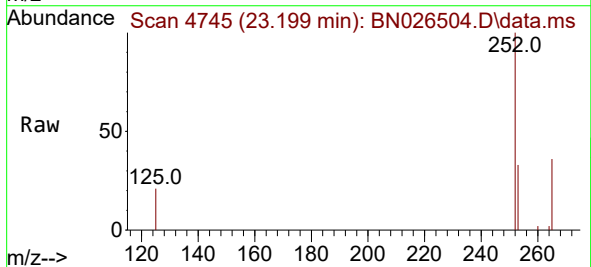
RT: 23.199 min Scan# 4745

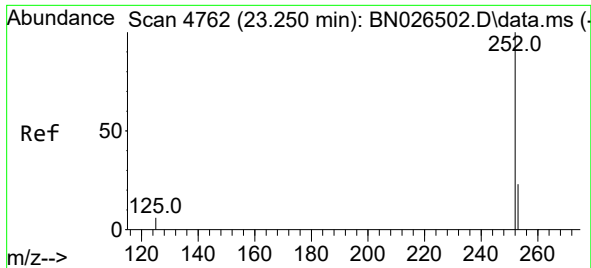
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Lab File: BN026504.D

Acq: 14 Jul 2023 17:35

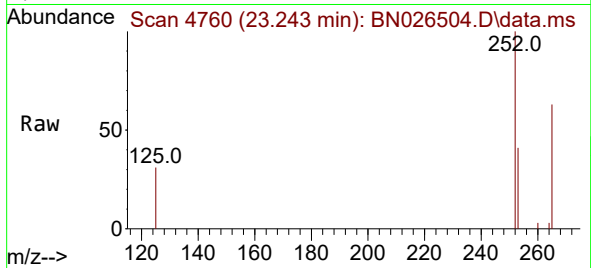
Tgt Ion:	252	Resp:	19591
Ion Ratio	Lower	Upper	
252	100		
253	32.6	0.0	68.6
125	21.1	0.0	34.0





#25
Benzo(k)fluoranthene
Concen: 0.128 ng/ul m
RT: 23.243 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

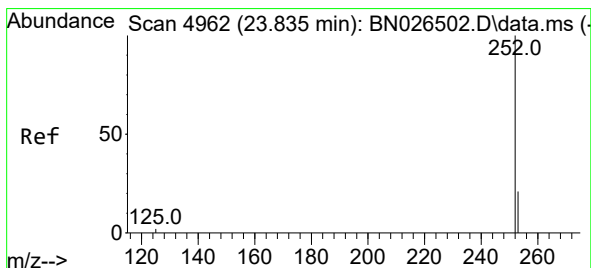
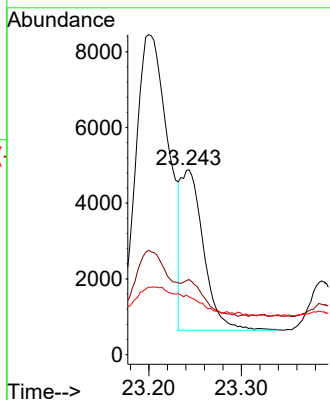
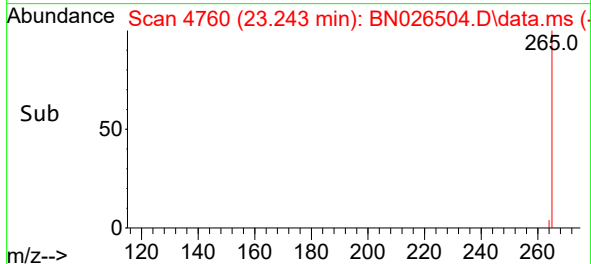
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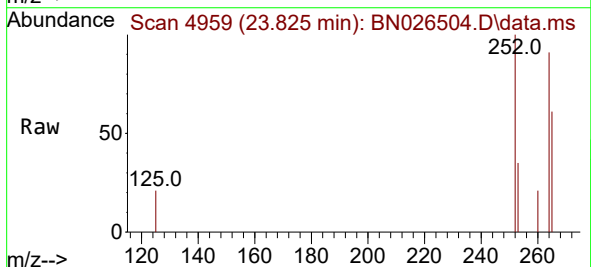
Tgt Ion:252 Resp: 7234
Ion Ratio Lower Upper
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253 40.7 27.2 40.8
125 31.3 13.4 20.2

Manual Integrations
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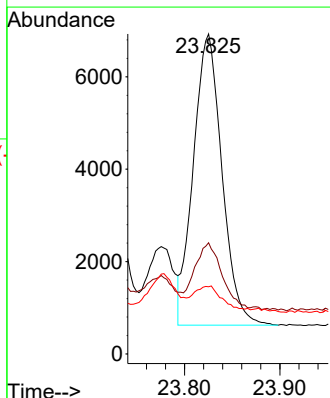
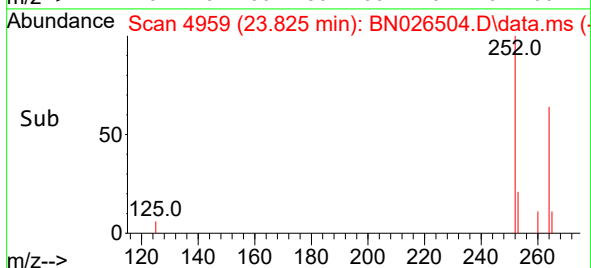
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

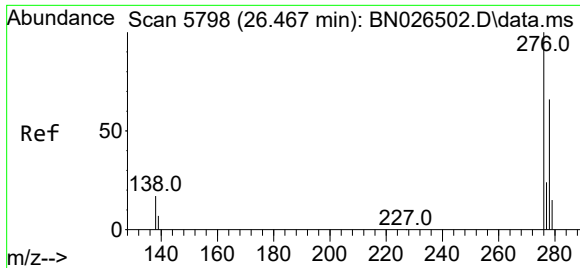


#26
Benzo(a)pyrene
Concen: 0.274 ng/ul
RT: 23.825 min Scan# 4959
Delta R.T. -0.010 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35



Tgt Ion:252 Resp: 13151
Ion Ratio Lower Upper
252 100
253 34.8 32.6 49.0
125 21.0 19.3 28.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.125 ng/ul

RT: 26.459 min Scan# 5796

Delta R.T. -0.008 min

Lab File: BN026504.D

Acq: 14 Jul 2023 17:35

Instrument :

BNA_N

ClientSampleId :

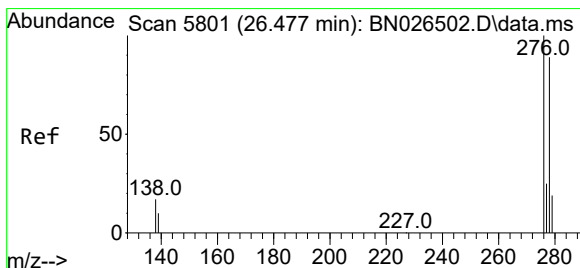
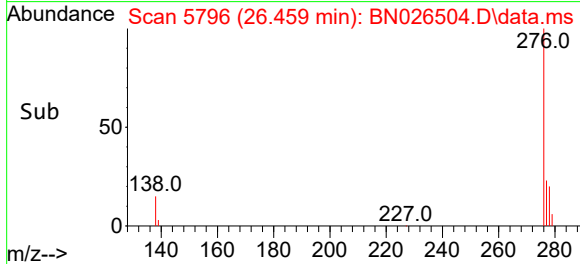
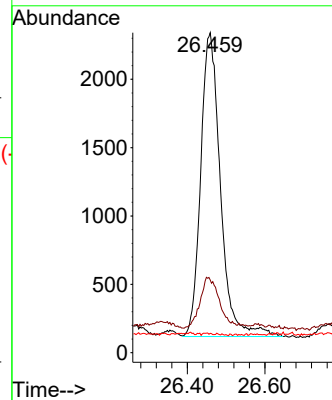
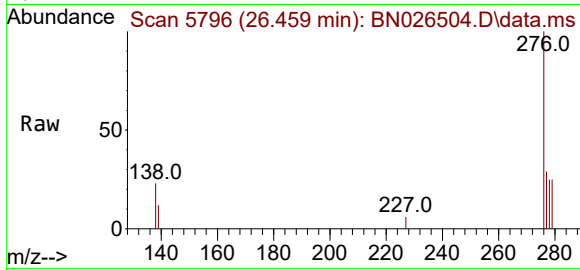
A46F3

Tgt Ion:	276	Resp:	786
Ion Ratio	Lower	Upper	
276	100		
138	16.3	22.2	33.4
227	0.3	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.038 ng/ul

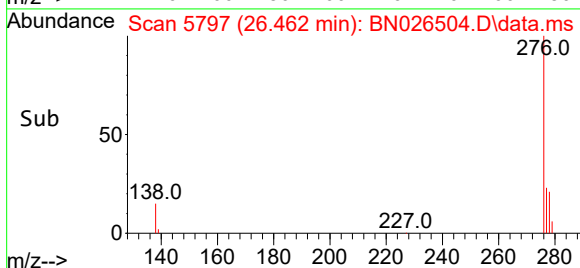
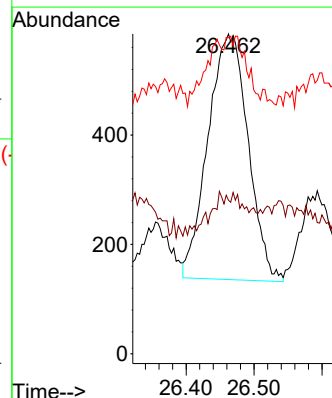
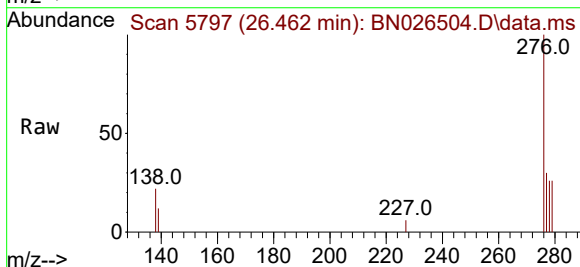
RT: 26.462 min Scan# 5797

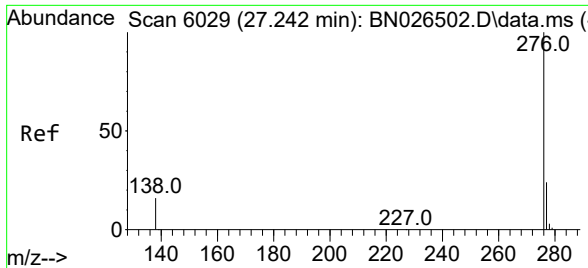
Delta R.T. -0.015 min

Lab File: BN026504.D

Acq: 14 Jul 2023 17:35

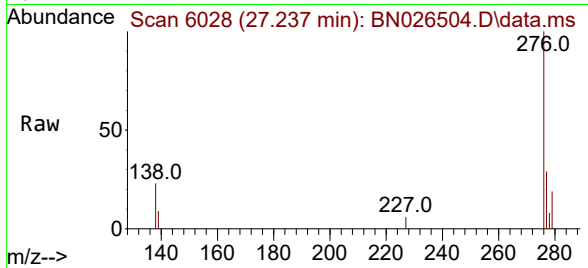
Tgt Ion:	278	Resp:	1843
Ion Ratio	Lower	Upper	
278	100		
139	48.0	18.9	28.3
279	98.8	31.3	46.9





#29
Benzo(g,h,i)perylene
Concen: 0.147 ng/ul
RT: 27.237 min Scan# 6028
Delta R.T. -0.005 min
Lab File: BN026504.D
Acq: 14 Jul 2023 17:35

Instrument :
BNA_N
ClientSampleId :
A46F3



Tgt Ion:276 Resp: 814
Ion Ratio Lower Upper
276 100
138 23.1 22.6 34.0
277 28.8 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

