

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026718.D
 Acq On : 24 Jul 2023 17:43
 Operator : MA/JU
 Sample : 03504-09DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 21:43:29 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	2517	0.400	ng/ul	0.00
4) Naphthalene-d8	10.630	136	8932	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.462	164	5564	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	10455	0.400	ng/ul	0.00
17) Chrysene-d12	21.416	240	7783	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	8570	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	839	0.253	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	586	0.048	ng/ul	0.01
18) Fluoranthene-d10	19.246	212	1294	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.189	152	1109	0.041	ng/ul#	78
11) Acenaphthene	14.532	153	451	0.022	ng/ul	94
12) Fluorene	15.517	166	659	0.030	ng/ul#	92
15) Phenanthrene	17.257	178	12583	0.378	ng/ul	100
16) Anthracene	17.354	178	2075	0.072	ng/ul#	88
19) Fluoranthene	19.278	202	28460	0.780	ng/ul	98
20) Pyrene	19.641	202	19926	0.503	ng/ul#	96
21) Benzo(a)anthracene	21.402	228	10294	0.360	ng/ul	94
22) Chrysene	21.454	228	9829	0.302	ng/ul	95
24) Benzo(b)fluoranthene	23.076	252	12956m	0.388	ng/ul	
25) Benzo(k)fluoranthene	23.112	252	5229m	0.149	ng/ul	
26) Benzo(a)pyrene	23.688	252	2605	0.088	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.244	276	4425	0.114	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.240	278	1357	0.045	ng/ul#	11

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

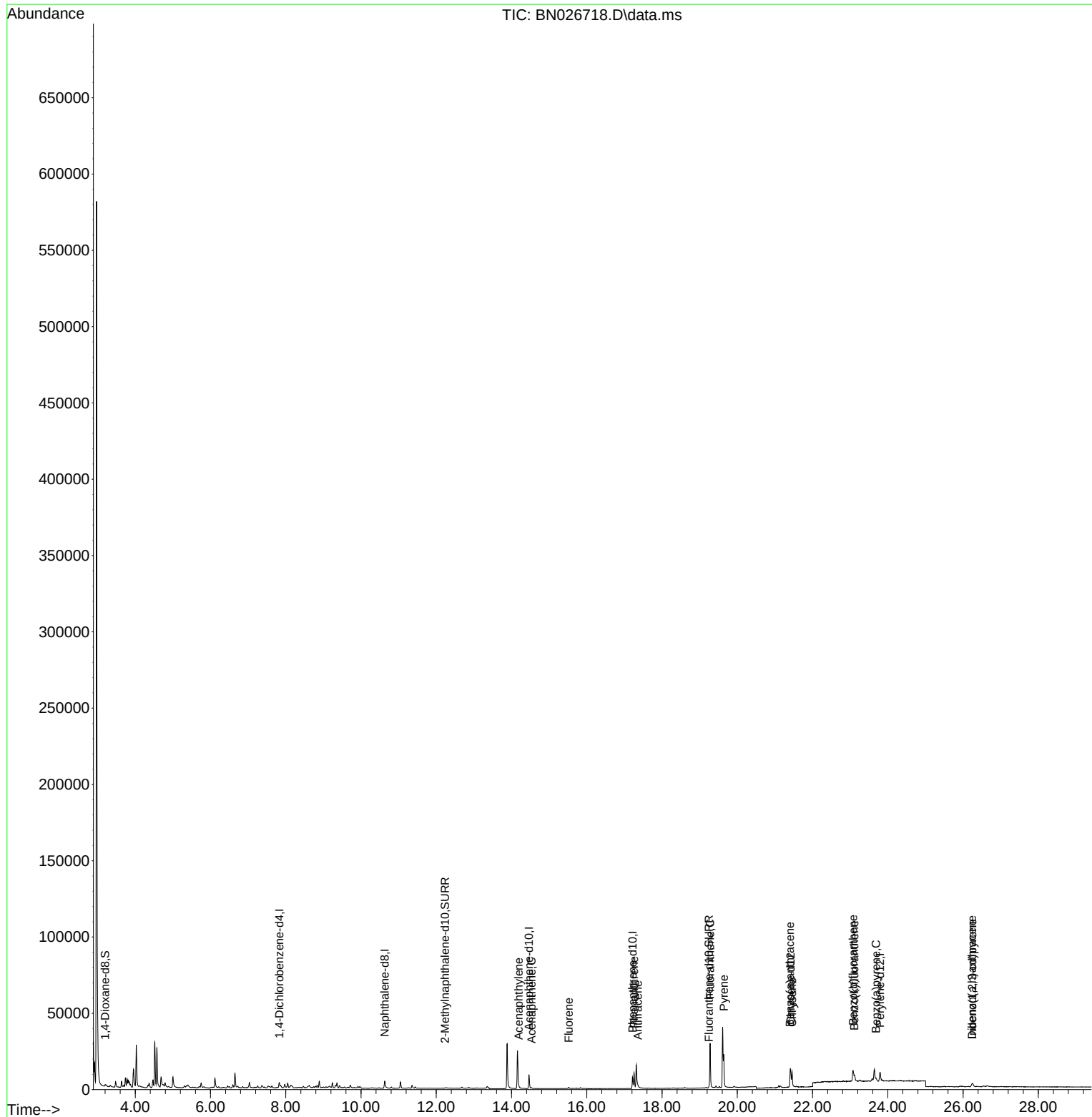
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026718.D
Acq On : 24 Jul 2023 17:43
Operator : MA/JU
Sample : 03504-09DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

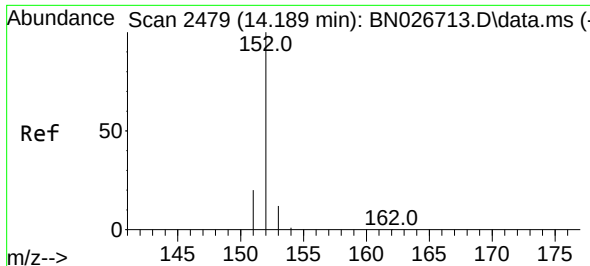
Instrument :
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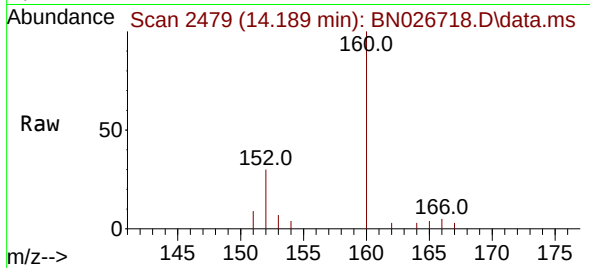
Quant Time: Jul 24 21:43:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.041 ng/u1
RT: 14.189 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43

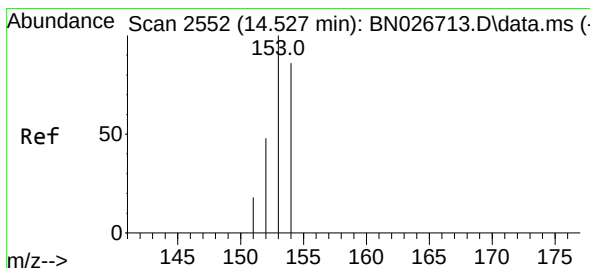
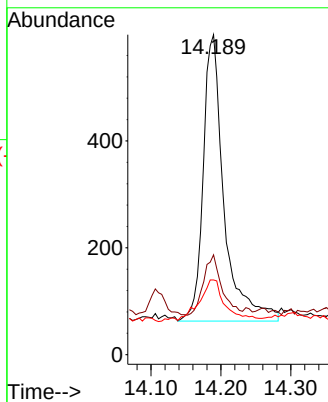
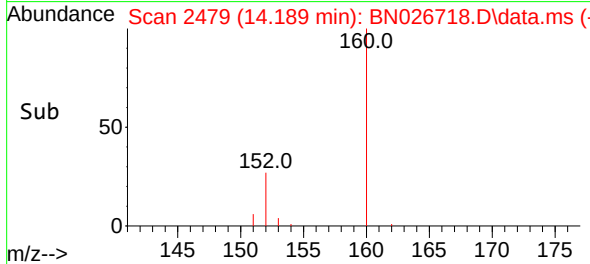
Instrument :
BNA_N
ClientSampleId :
A46W7DL



Tgt Ion:152 Resp: 1109
Ion Ratio Lower Upper
152 100
151 31.2 17.0 25.6
153 23.4 11.4 17.2

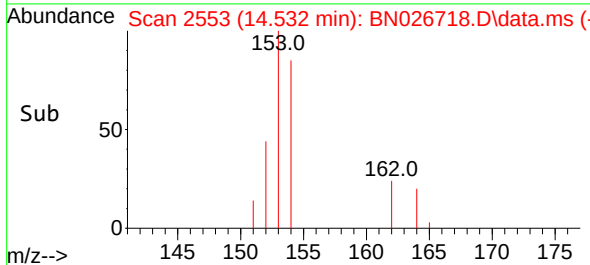
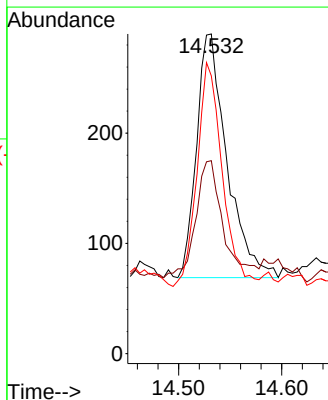
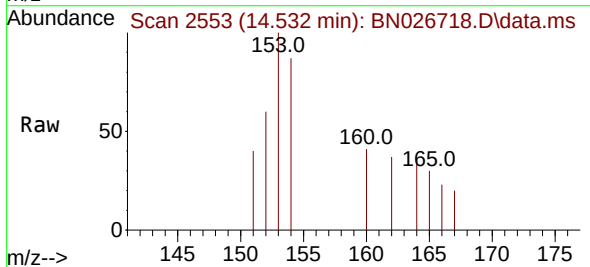
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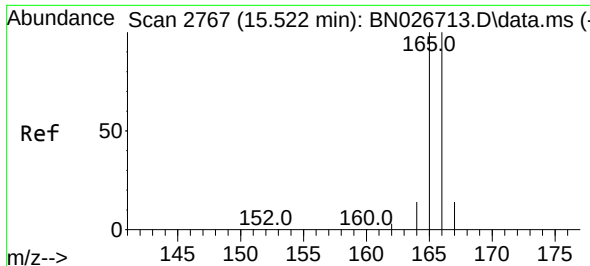
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.532 min Scan# 2553
Delta R.T. 0.005 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43

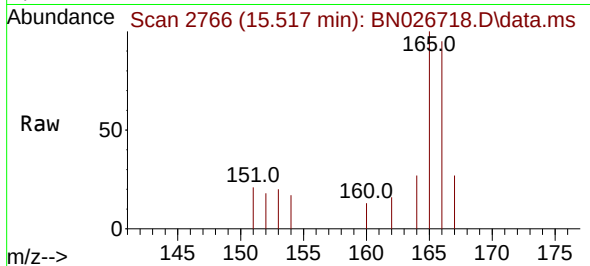
Tgt Ion:153 Resp: 451
Ion Ratio Lower Upper
153 100
152 60.3 40.2 60.4
154 86.9 69.3 103.9





#12
Fluorene
Concen: 0.030 ng/u1
RT: 15.517 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43

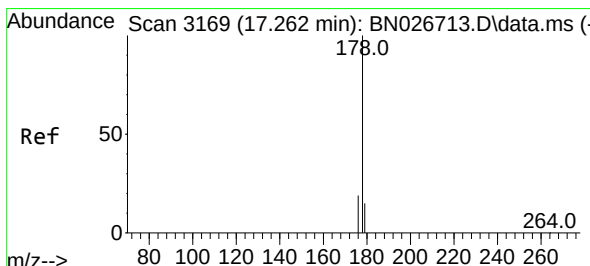
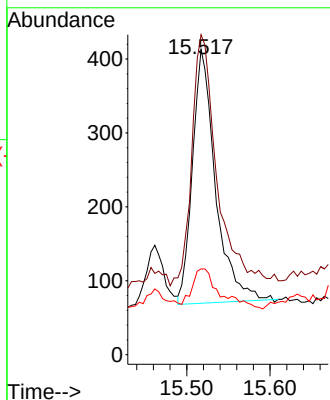
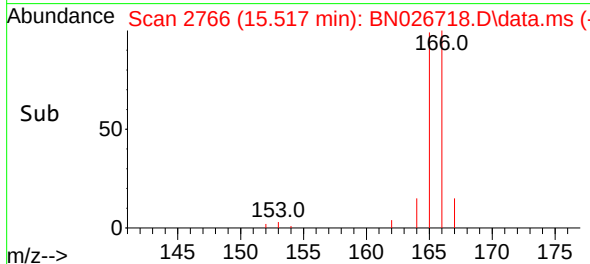
Instrument :
BNA_N
ClientSampleId :
A46W7DL



Tgt Ion:166 Resp: 659
Ion Ratio Lower Upper
166 100
165 104.8 80.6 120.8
167 28.1 12.0 18.0

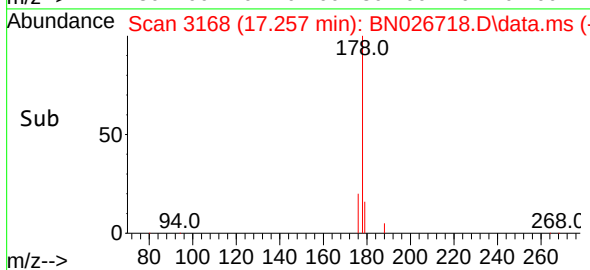
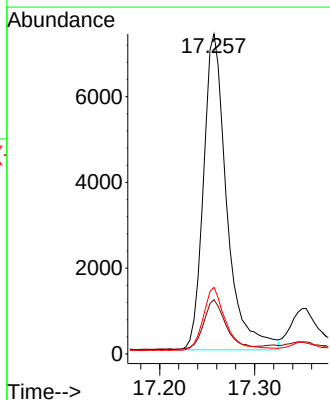
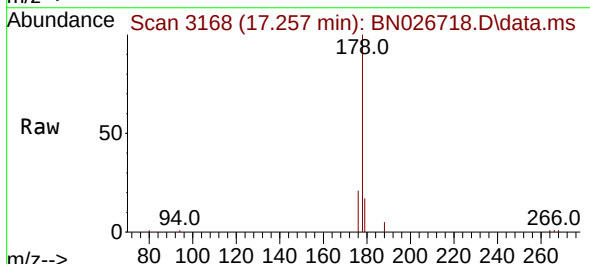
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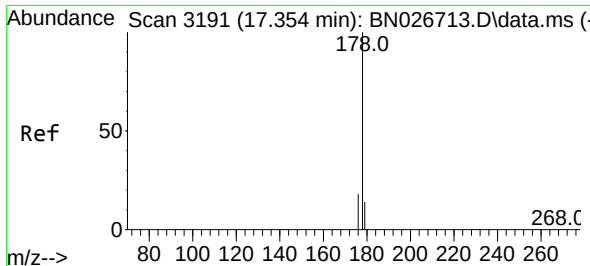
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#15
Phenanthrene
Concen: 0.378 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43

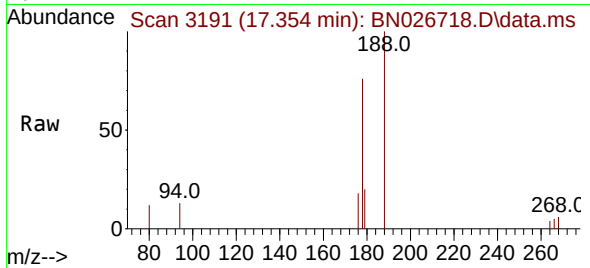
Tgt Ion:178 Resp: 12583
Ion Ratio Lower Upper
178 100
179 17.0 13.7 20.5
176 20.8 16.5 24.7





#16
 Anthracene
 Concen: 0.072 ng/ul
 RT: 17.354 min Scan# 3191
 Delta R.T. 0.004 min
 Lab File: BN026718.D
 Acq: 24 Jul 2023 17:43

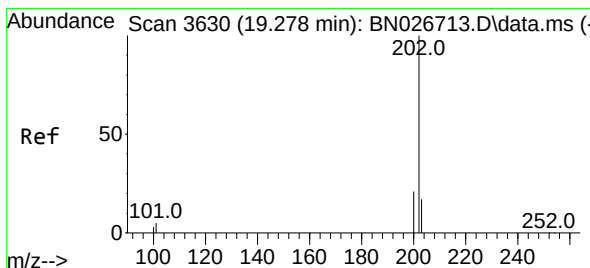
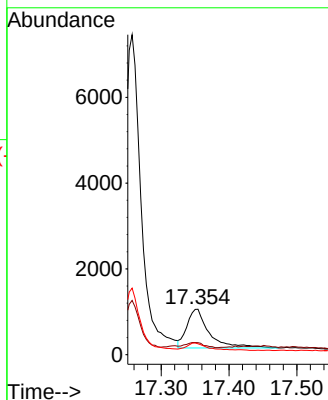
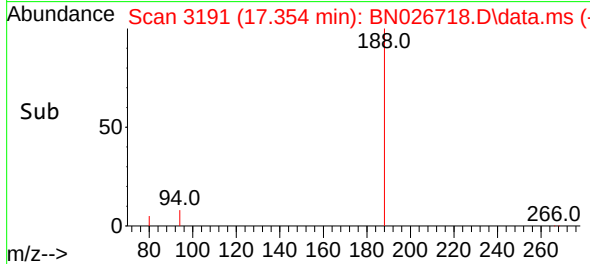
Instrument :
 BNA_N
 ClientSampleId :
 A46W7DL



Tgt Ion:178 Resp: 2075
 Ion Ratio Lower Upper
 178 100
 179 26.2 14.8 22.2
 176 24.1 16.6 25.0

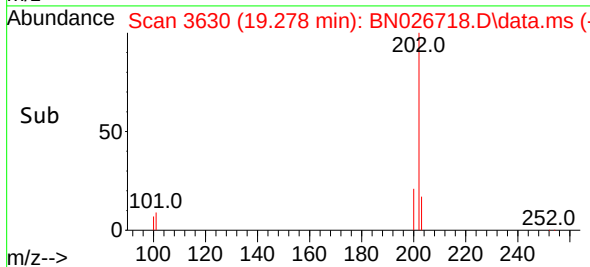
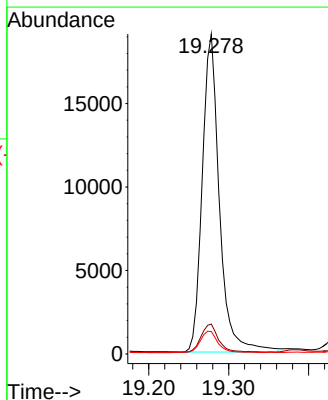
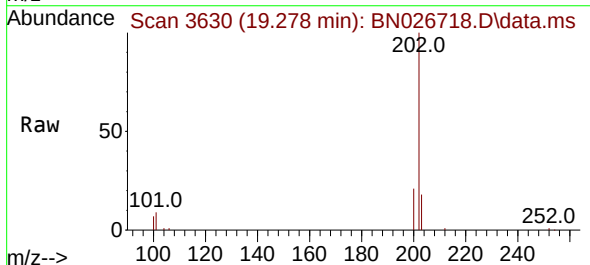
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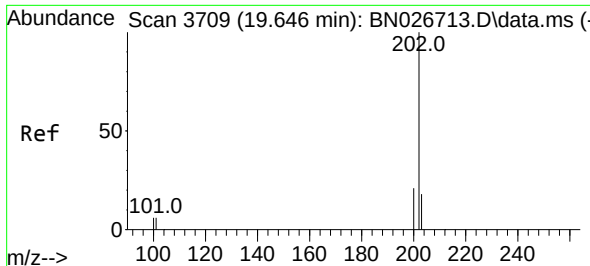
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 0.780 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.000 min
 Lab File: BN026718.D
 Acq: 24 Jul 2023 17:43

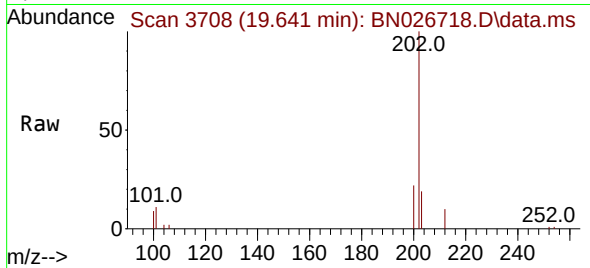
Tgt Ion:202 Resp: 28460
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.0 10.4
 100 7.0 6.0 9.0





#20
Pyrene
Concen: 0.503 ng/u1
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43

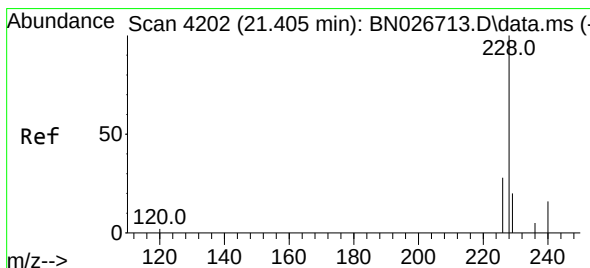
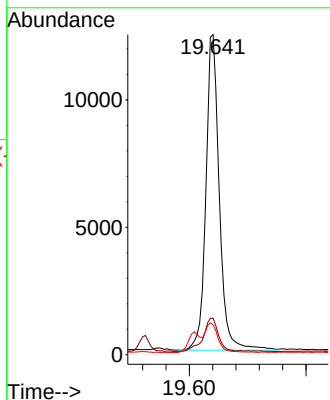
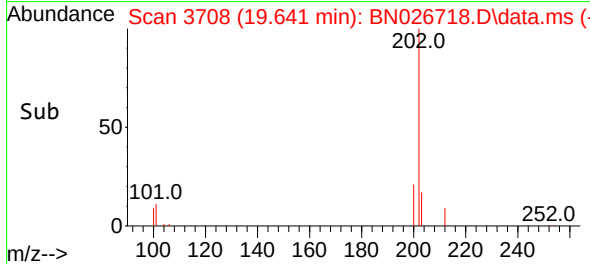
Instrument :
BNA_N
ClientSampleId :
A46W7DL



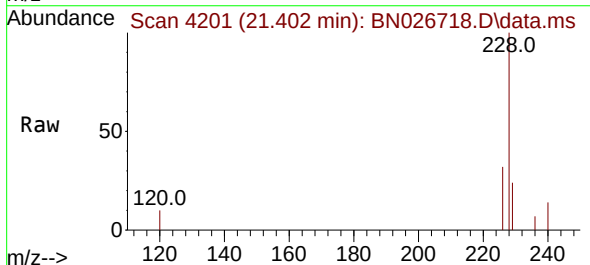
Tgt Ion:202 Resp: 19920
Ion Ratio Lower Upper
202 100
101 11.5 8.0 12.0
100 9.4 6.2 9.2

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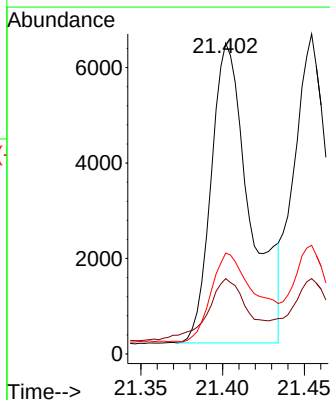
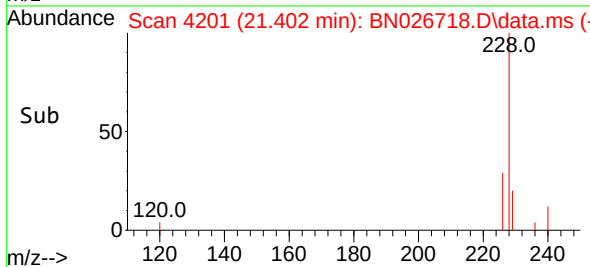
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

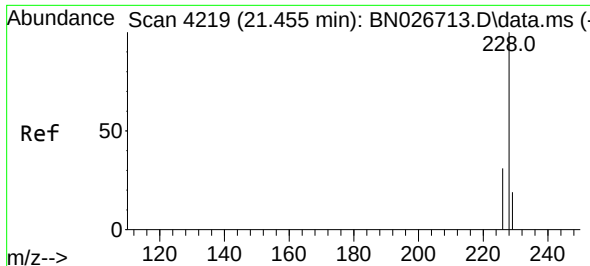


#21
Benzo(a)anthracene
Concen: 0.360 ng/u1
RT: 21.402 min Scan# 4201
Delta R.T. -0.000 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43



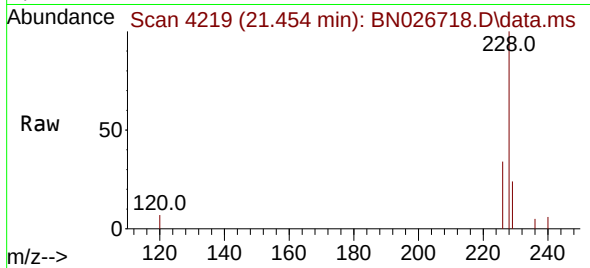
Tgt Ion:228 Resp: 10294
Ion Ratio Lower Upper
228 100
229 24.3 16.7 25.1
226 32.4 23.5 35.3





#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.000 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43

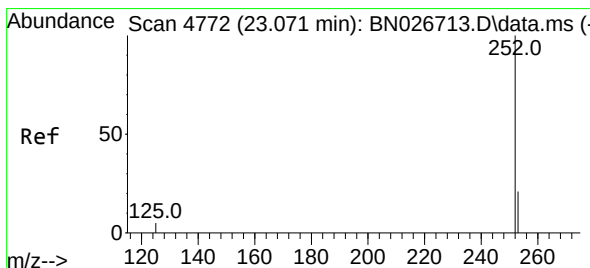
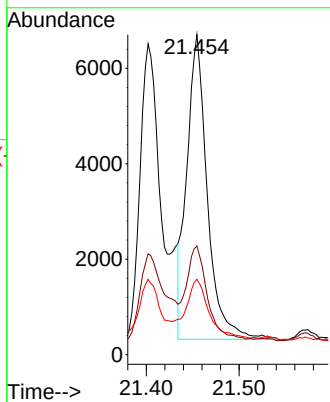
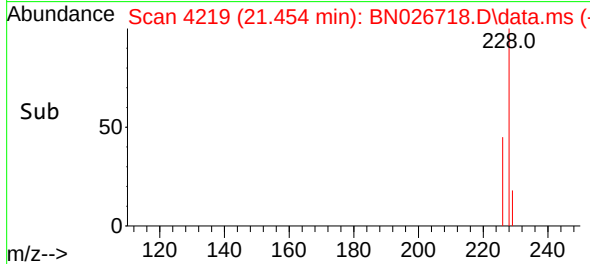
Instrument :
BNA_N
ClientSampleId :
A46W7DL



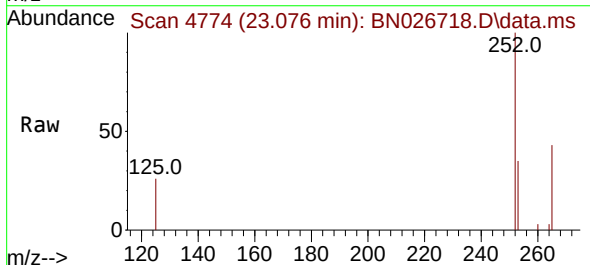
Tgt Ion:228 Resp: 9829
Ion Ratio Lower Upper
228 100
226 34.0 25.2 37.8
229 23.6 16.4 24.6

Manual Integrations
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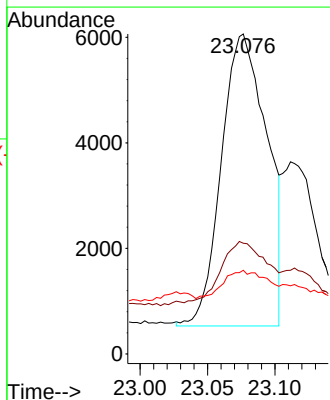
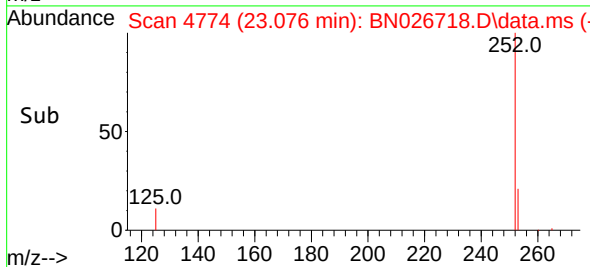
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

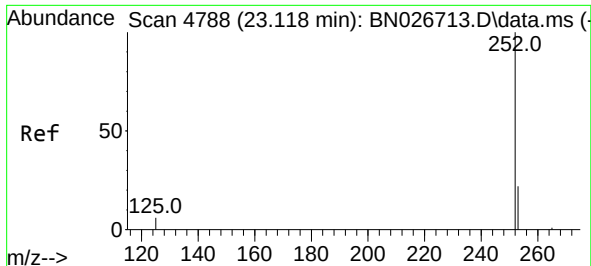


#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul m
RT: 23.076 min Scan# 4774
Delta R.T. 0.009 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43



Tgt Ion:252 Resp: 12956
Ion Ratio Lower Upper
252 100
253 34.6 0.0 68.6
125 26.2 0.0 34.0





#25

Benzo(k)fluoranthene

Concen: 0.149 ng/ul m

RT: 23.112 min Scan# 4

Delta R.T. -0.003 min

Lab File: BN026718.D

Acq: 24 Jul 2023 17:43

Instrument :

BN_A_N

ClientSampleId :

A46W7DL

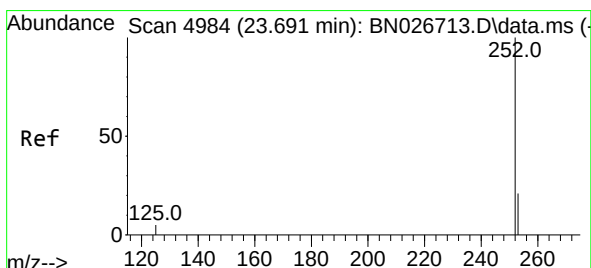
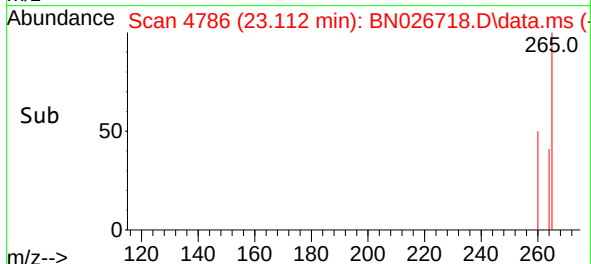
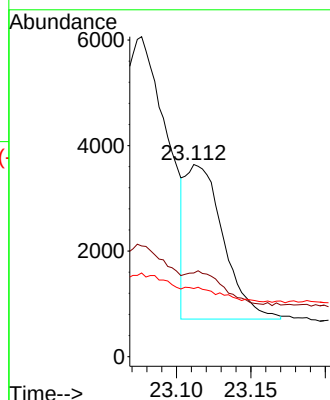
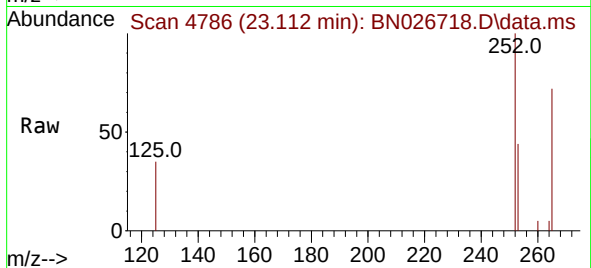
Tgt Ion:	252	Resp:	5229
Ion Ratio	Lower	Upper	
252	100		
253	43.5	27.2	40.8
125	35.5	13.4	20.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#26

Benzo(a)pyrene

Concen: 0.088 ng/ul

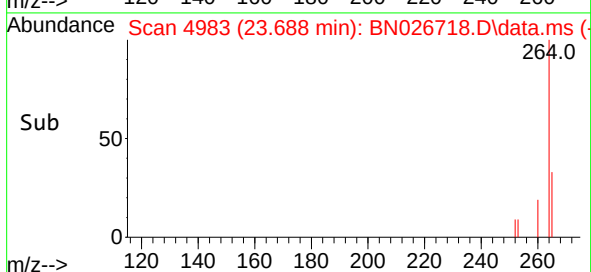
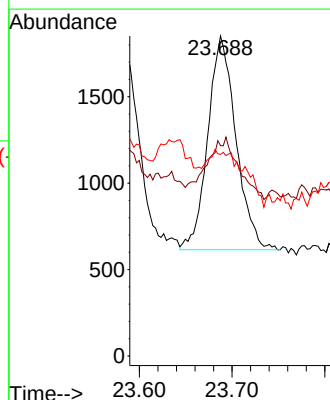
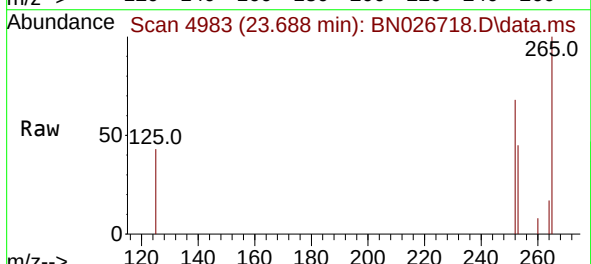
RT: 23.688 min Scan# 4983

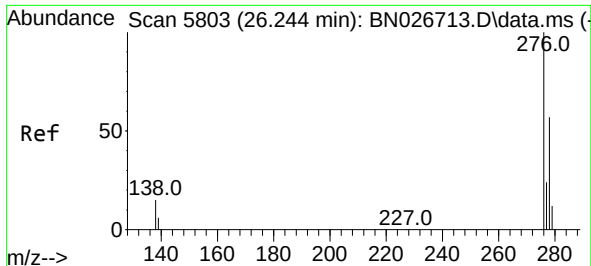
Delta R.T. 0.003 min

Lab File: BN026718.D

Acq: 24 Jul 2023 17:43

Tgt Ion:	252	Resp:	2605
Ion Ratio	Lower	Upper	
252	100		
253	65.8	32.6	49.0
125	63.0	19.3	28.9





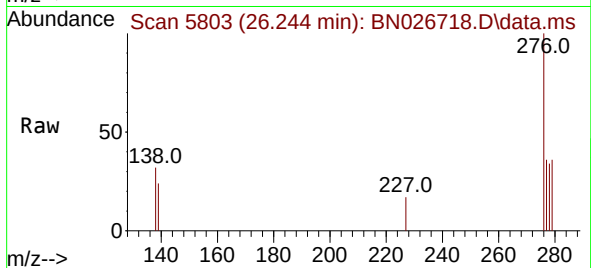
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43

Instrument :

BNA_N

ClientSampleId :

A46W7DL



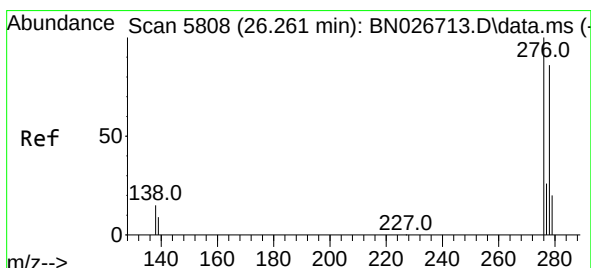
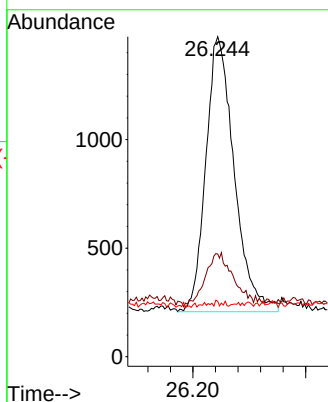
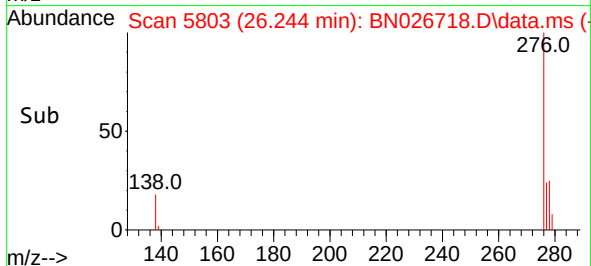
Tgt Ion:276 Resp: 4425
Ion Ratio Lower Upper
276 100
138 0.0 22.2 33.4#
227 0.2 0.1 0.1#

Manual Integrations

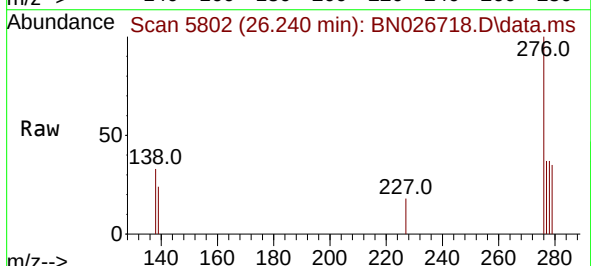
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Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.240 min Scan# 5802
Delta R.T. -0.017 min
Lab File: BN026718.D
Acq: 24 Jul 2023 17:43



Tgt Ion:278 Resp: 1357
Ion Ratio Lower Upper
278 100
139 65.6 18.9 28.3#
279 95.1 31.3 46.9#

