

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026716.D
 Acq On : 24 Jul 2023 16:29
 Operator : MA/JU
 Sample : 03504-06RE
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W3RE

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 17:25:36 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	7.823	152	2326	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	7224	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	4820	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.232	188	26023	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.416	240	7007	0.400	ng/ul	0.00
23) Perylene-d12	23.790	264	7528	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	3231	1.055	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	2854	0.291	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	6110	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	1075	0.054	ng/ul#	65
7) 2-Methylnaphthalene	12.291	142	1241	0.110	ng/ul	92
8) 1-Methylnaphthalene	12.506	142	1217	0.101	ng/ul	94
10) Acenaphthylene	14.185	152	1199	0.051	ng/ul#	62
11) Acenaphthene	14.527	153	1628	0.091	ng/ul	94
12) Fluorene	15.512	166	2118	0.112	ng/ul#	93
15) Phenanthrene	17.253	178	23868	0.288	ng/ul	99
16) Anthracene	17.346	178	2300	0.032	ng/ul#	89
19) Fluoranthene	19.278	202	45626	1.389	ng/ul#	92
20) Pyrene	19.641	202	32379	0.908	ng/ul#	94
21) Benzo(a)anthracene	21.399	228	17432	0.677	ng/ul	98
22) Chrysene	21.451	228	16067	0.548	ng/ul	98
24) Benzo(b)fluoranthene	23.071	252	20939m	0.714	ng/ul	
25) Benzo(k)fluoranthene	23.114	252	8777m	0.286	ng/ul	
26) Benzo(a)pyrene	23.685	252	2846	0.109	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.244	276	7059	0.206	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.251	278	2483	0.095	ng/ul#	56

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

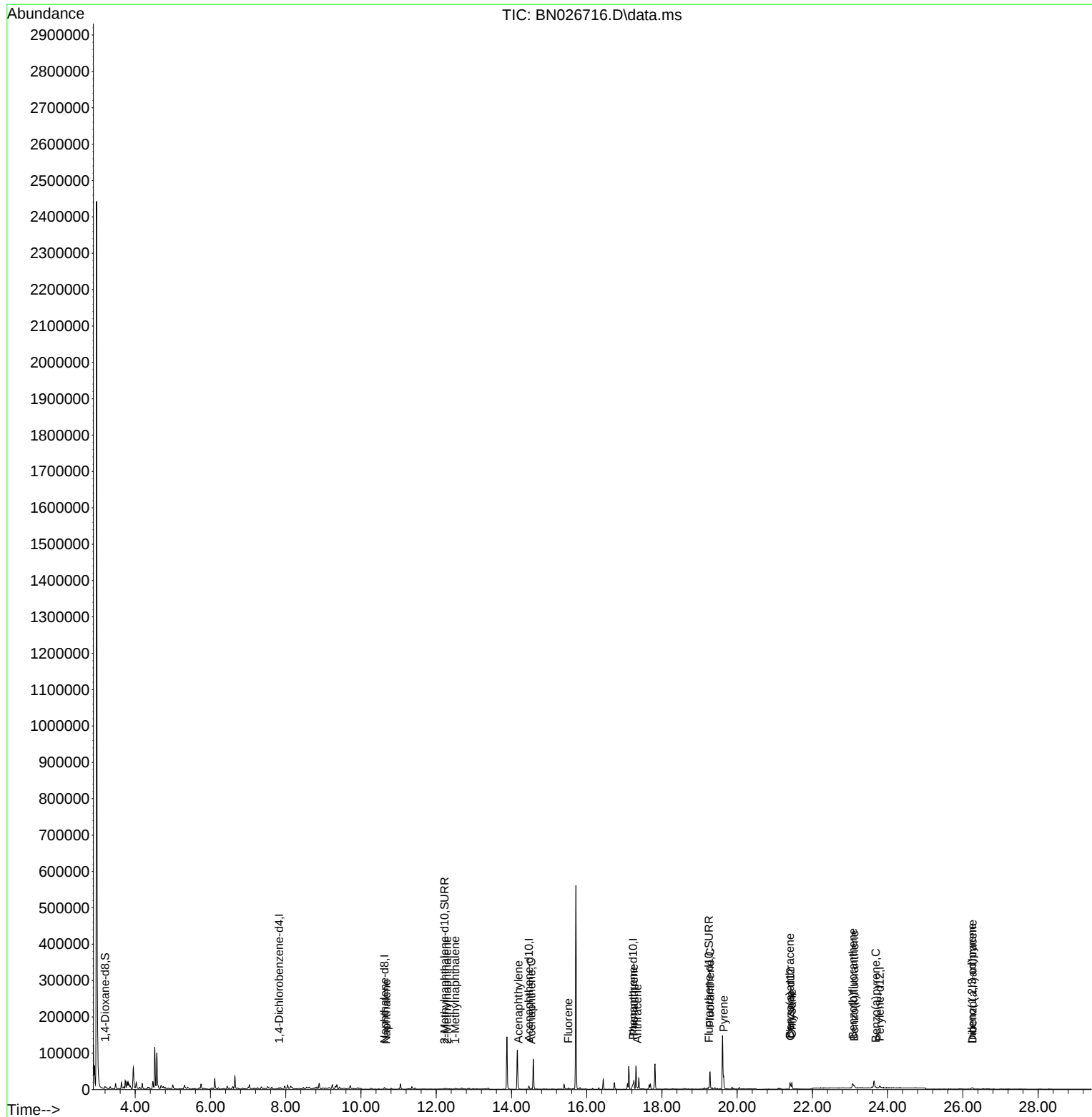
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026716.D
Acq On : 24 Jul 2023 16:29
Operator : MA/JU
Sample : 03504-06RE
Misc :
ALS Vial : 51 Sample Multiplier: 1

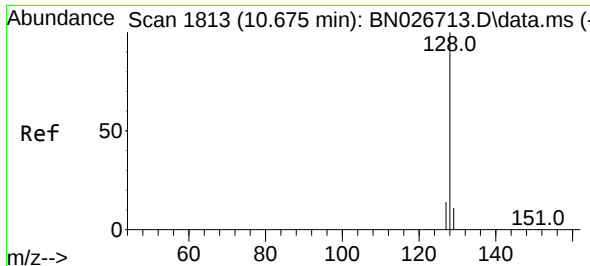
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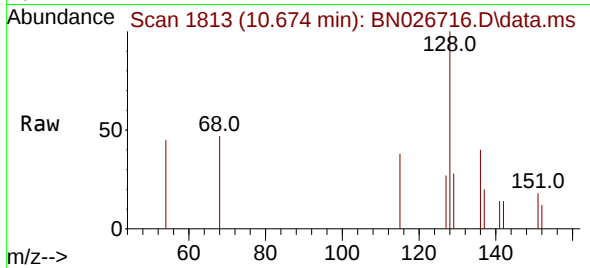
Quant Time: Jul 24 17:25:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.674 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

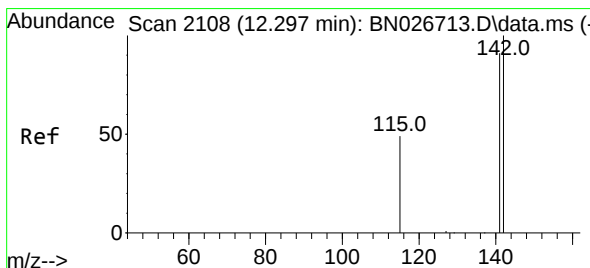
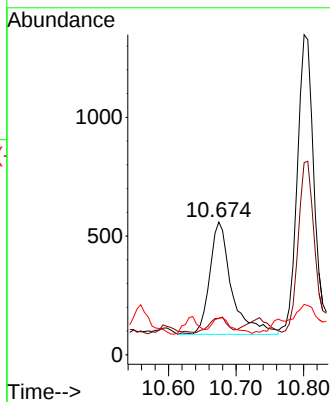
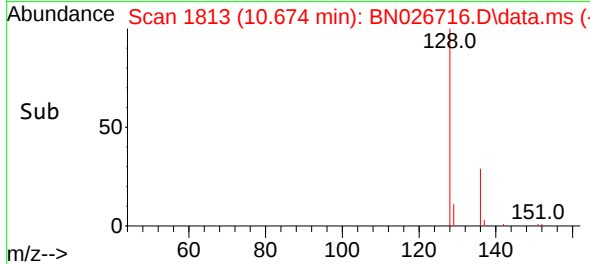
Instrument :
BNA_N
ClientSampleId :
A46W3RE



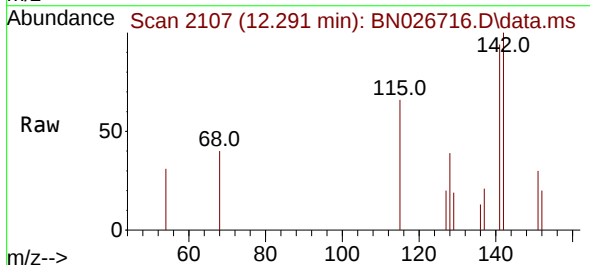
Tgt Ion:128 Resp: 107
Ion Ratio Lower Upper
128 100
129 27.5 10.2 15.2
127 27.4 11.4 17.0

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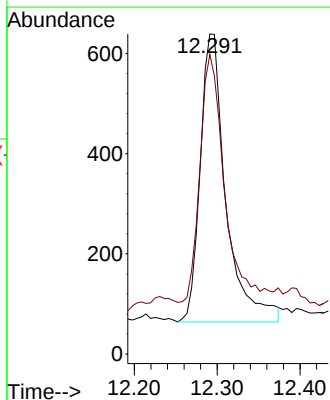
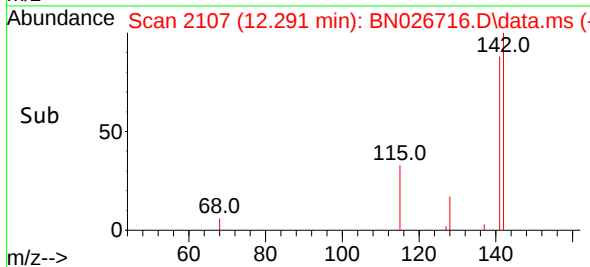
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

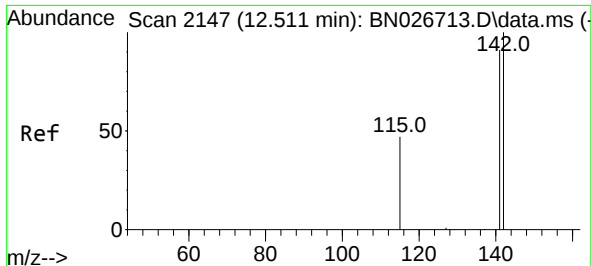


#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29



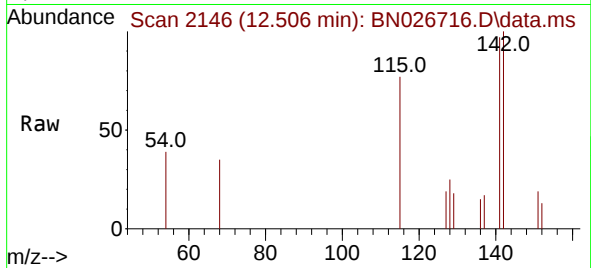
Tgt Ion:142 Resp: 1241
Ion Ratio Lower Upper
142 100
141 82.5 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

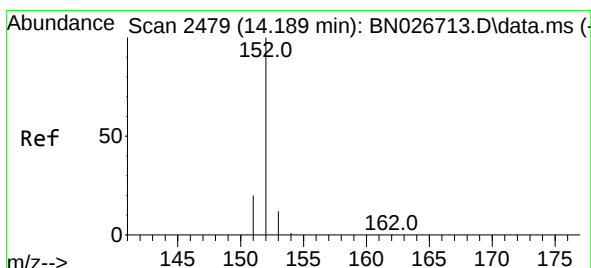
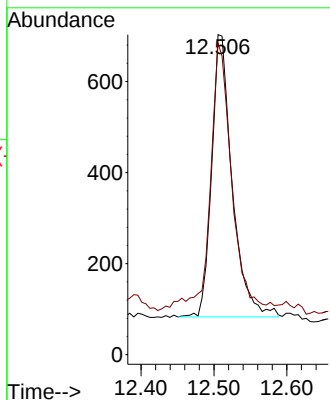
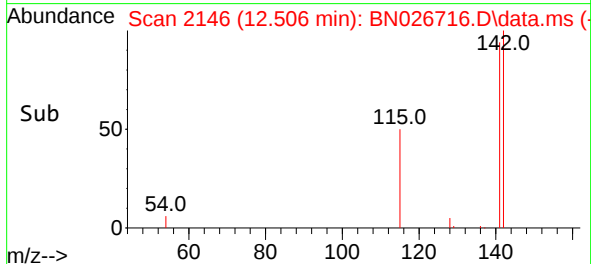
Instrument :
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A46W3RE



Tgt Ion:142 Resp: 121
Ion Ratio Lower Upper
142 100
141 98.6 74.5 111.7

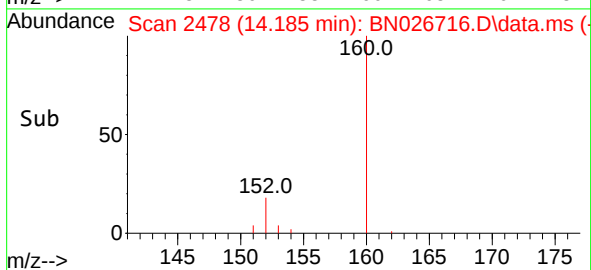
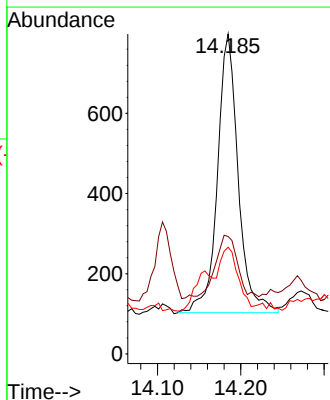
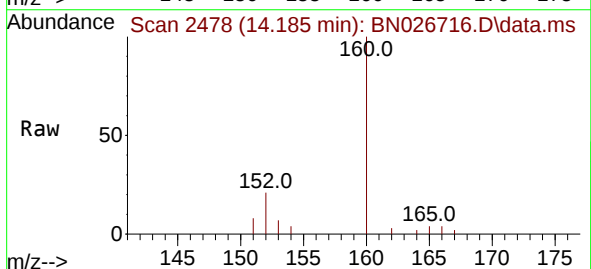
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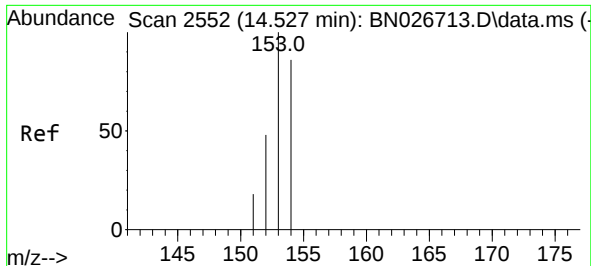
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

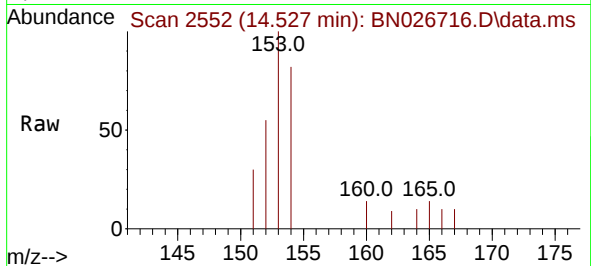
Tgt Ion:152 Resp: 1199
Ion Ratio Lower Upper
152 100
151 36.7 17.0 25.6#
153 33.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

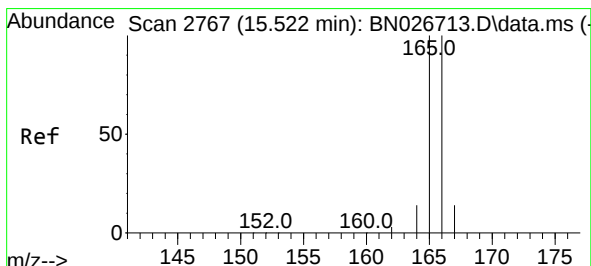
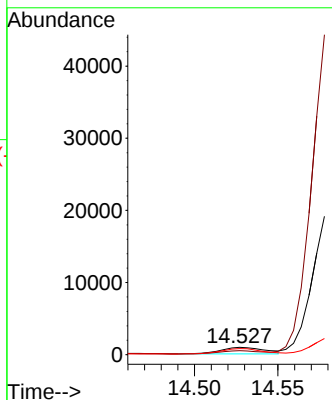
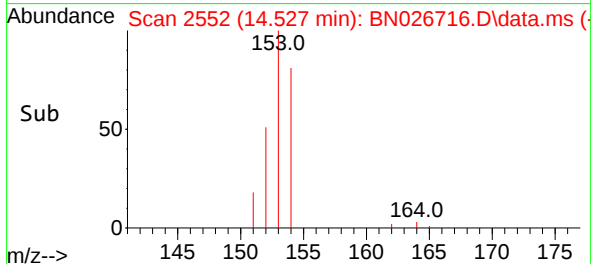
Instrument :
BNA_N
ClientSampleId :
A46W3RE



Tgt Ion:153 Resp: 1628
Ion Ratio Lower Upper
153 100
152 55.5 40.2 60.4
154 81.9 69.3 103.9

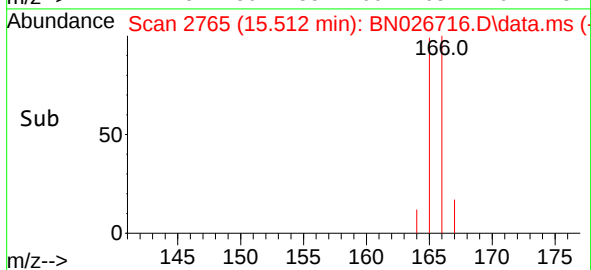
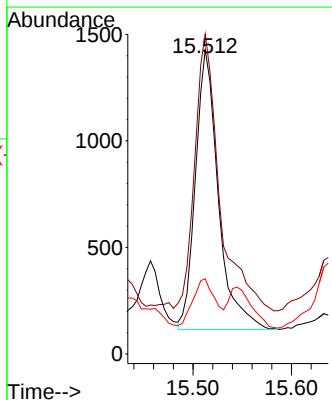
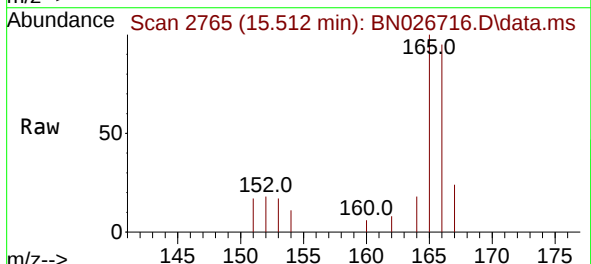
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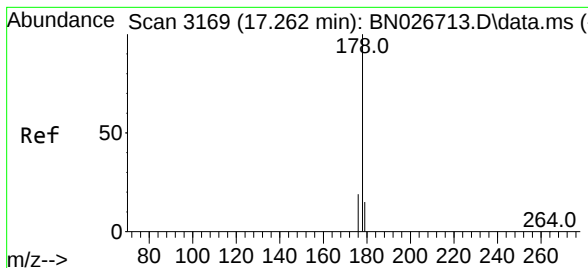
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.112 ng/ul
RT: 15.512 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

Tgt Ion:166 Resp: 2118
Ion Ratio Lower Upper
166 100
165 105.2 80.6 120.8
167 24.7 12.0 18.0#





#15

Phenanthrene

Concen: 0.288 ng/u1

RT: 17.253 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BN026716.D

Acq: 24 Jul 2023 16:29

Instrument :

BNA_N

ClientSampleId :

A46W3RE

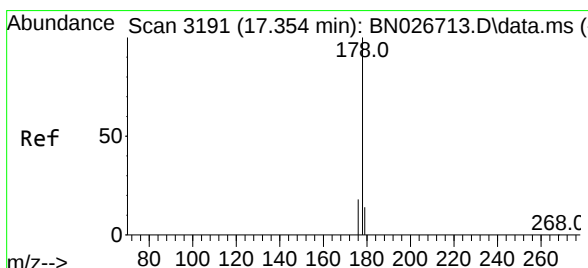
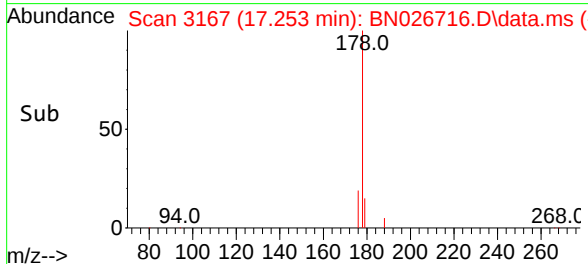
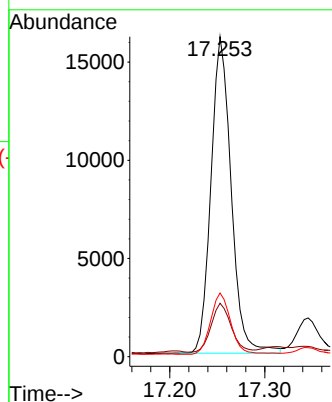
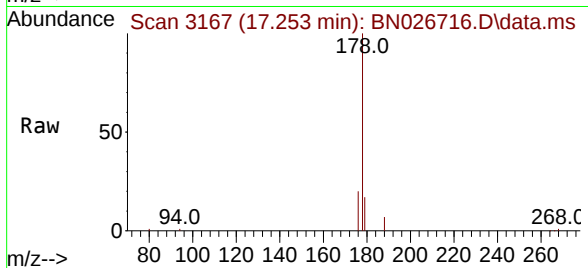
Tgt Ion:	178	Resp:	2386
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.7	20.5
176	19.9	16.5	24.7

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Supervised By :mohammad ahmed 07/24/2023



#16

Anthracene

Concen: 0.032 ng/u1

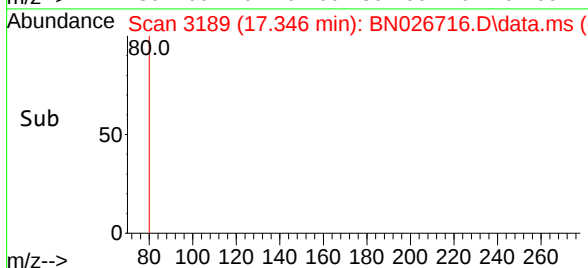
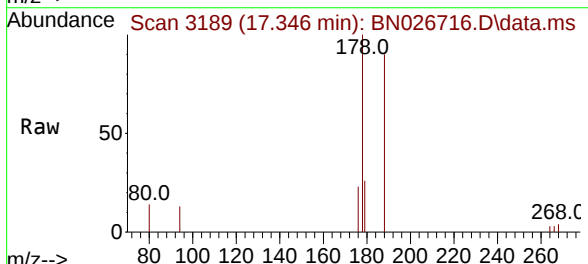
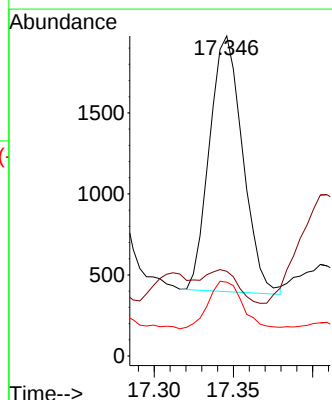
RT: 17.346 min Scan# 3189

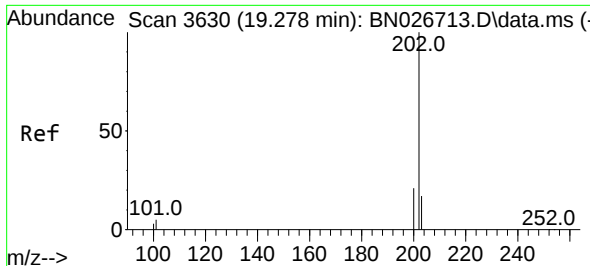
Delta R.T. -0.004 min

Lab File: BN026716.D

Acq: 24 Jul 2023 16:29

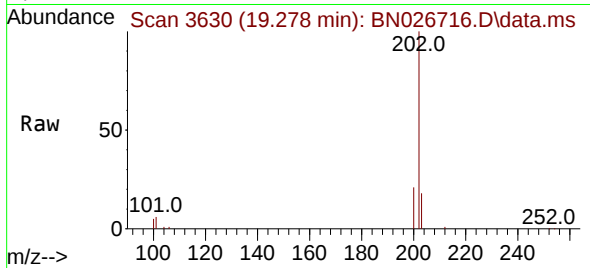
Tgt Ion:	178	Resp:	2300
Ion Ratio	Lower	Upper	
178	100		
179	26.5	14.8	22.2
176	23.0	16.6	25.0





#19
Fluoranthene
Concen: 1.389 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

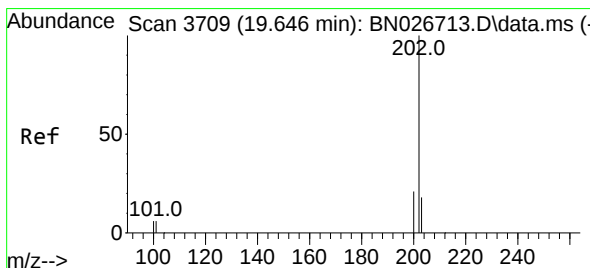
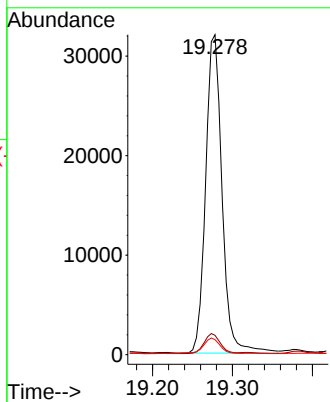
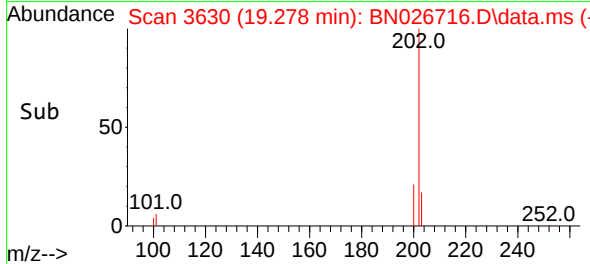
Instrument :
BNA_N
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A46W3RE



Tgt Ion:202 Resp: 45620
Ion Ratio Lower Upper
202 100
101 6.1 7.0 10.4#
100 4.7 6.0 9.0#

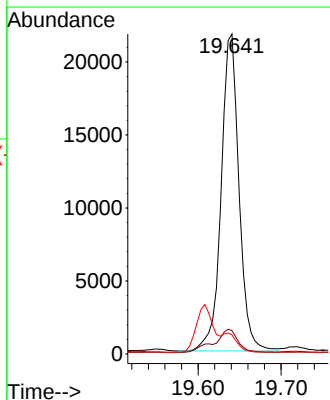
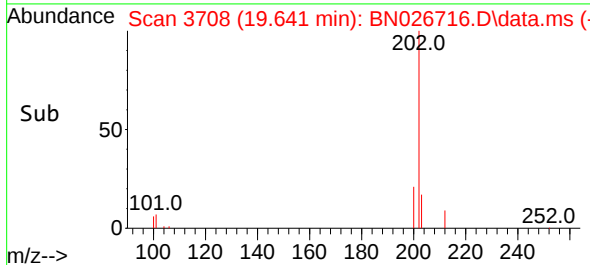
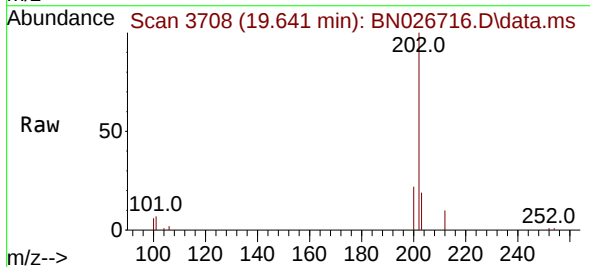
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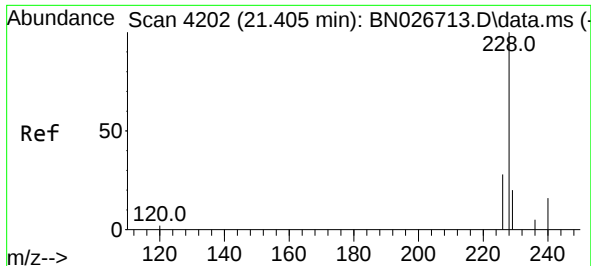
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.908 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

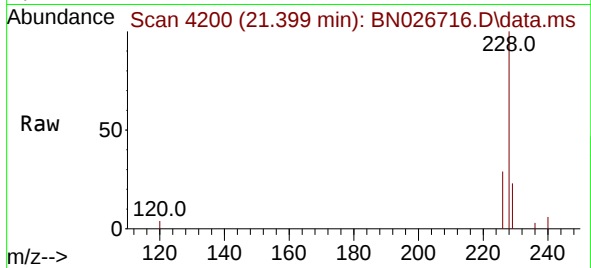
Tgt Ion:202 Resp: 32379
Ion Ratio Lower Upper
202 100
101 7.3 8.0 12.0#
100 5.9 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.677 ng/u1
RT: 21.399 min Scan# 4202
Delta R.T. -0.003 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

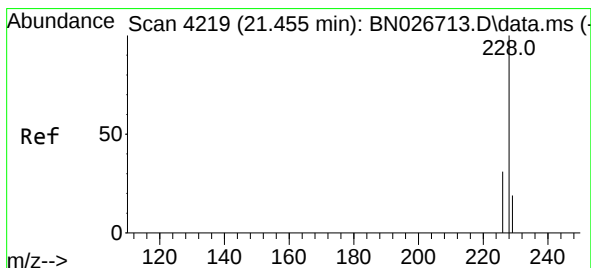
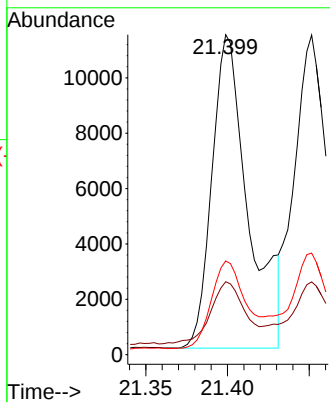
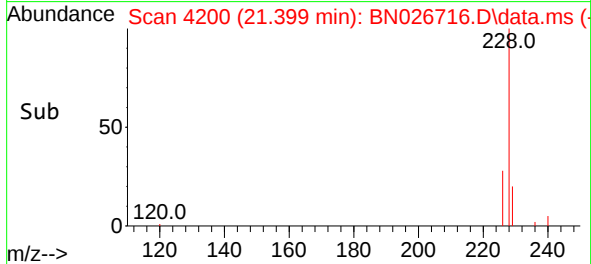
Instrument :
BNA_N
ClientSampleId :
A46W3RE



Tgt Ion:228 Resp: 17431
Ion Ratio Lower Upper
228 100
229 22.8 16.7 25.1
226 29.3 23.5 35.3

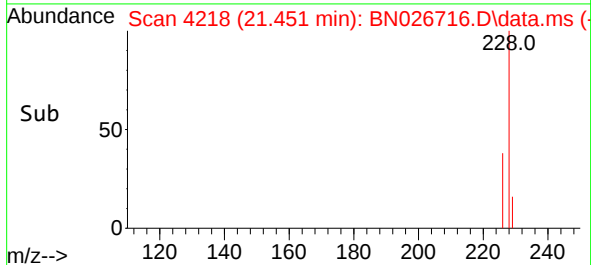
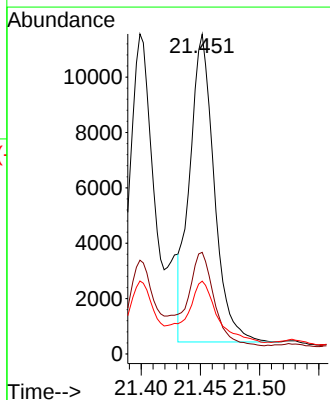
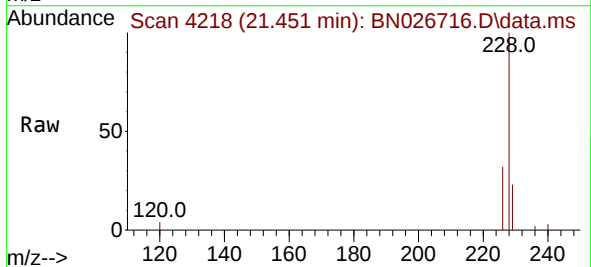
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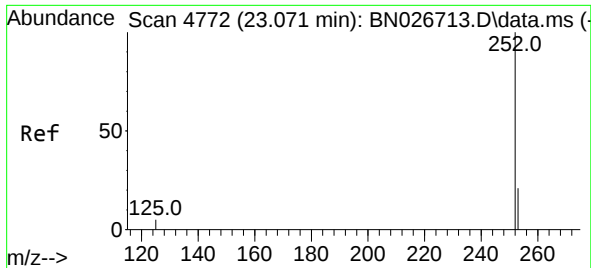
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.548 ng/u1
RT: 21.451 min Scan# 4218
Delta R.T. -0.003 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

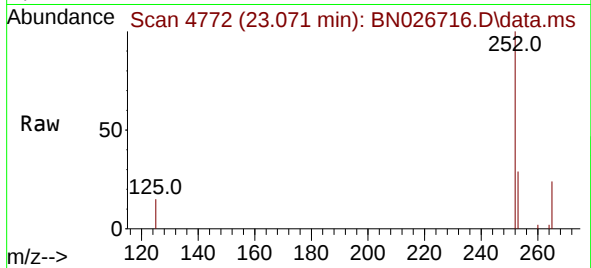
Tgt Ion:228 Resp: 16067
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 22.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.714 ng/ul m
RT: 23.071 min Scan# 4772
Delta R.T. 0.003 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

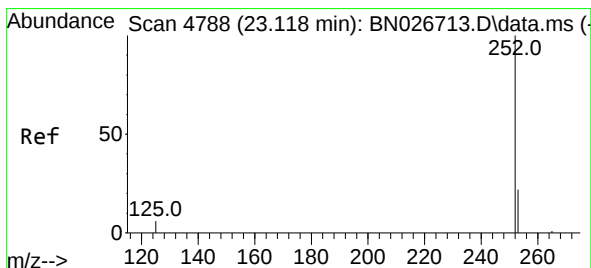
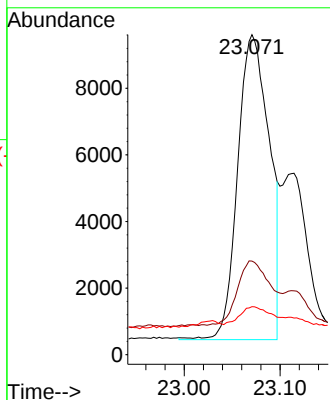
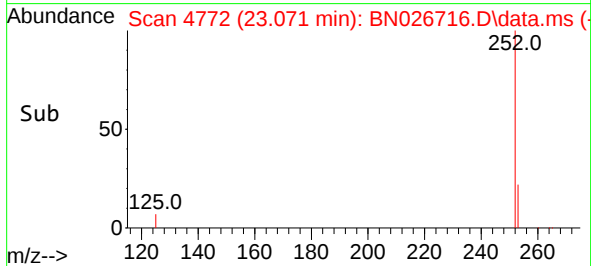
Instrument :
BNA_N
ClientSampleId :
A46W3RE



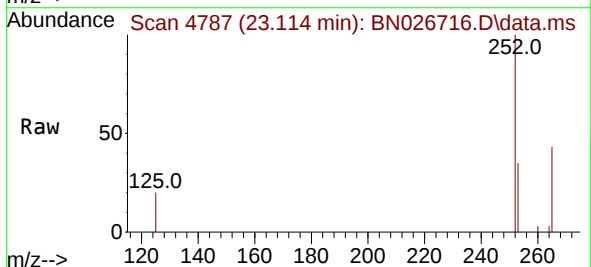
Tgt Ion:252 Resp: 20939
Ion Ratio Lower Upper
252 100
253 29.3 0.0 68.6
125 15.0 0.0 34.0

Manual Integrations
APPROVED

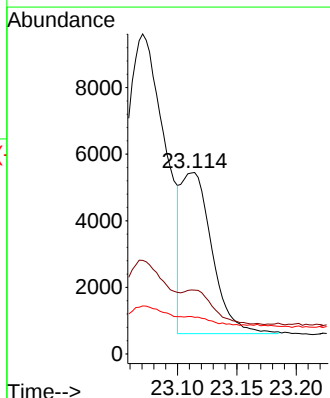
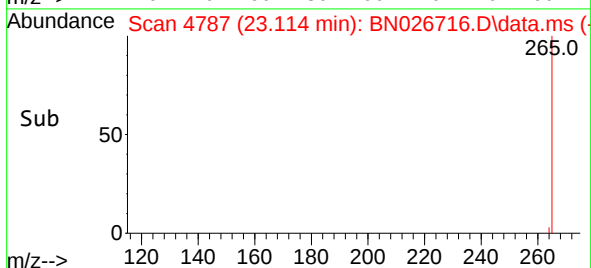
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

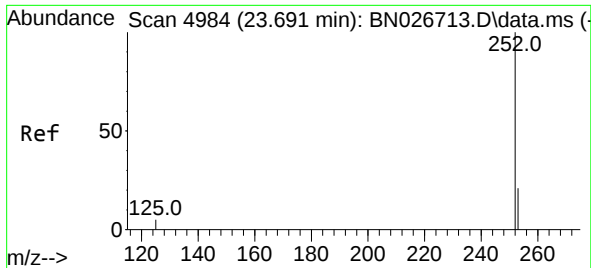


#25
Benzo(k)fluoranthene
Concen: 0.286 ng/ul m
RT: 23.114 min Scan# 4787
Delta R.T. -0.000 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29



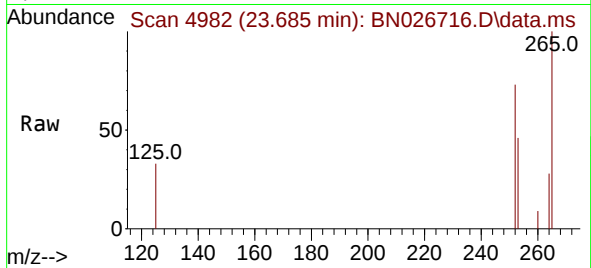
Tgt Ion:252 Resp: 8777
Ion Ratio Lower Upper
252 100
253 35.2 27.2 40.8
125 20.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.109 ng/ul
RT: 23.685 min Scan# 4982
Delta R.T. -0.000 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29

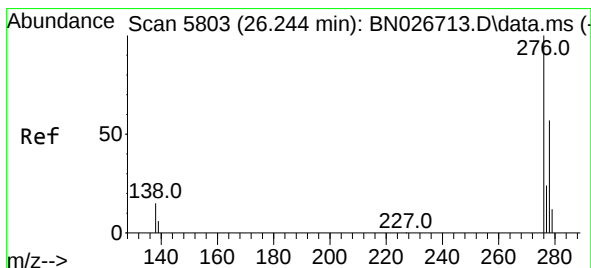
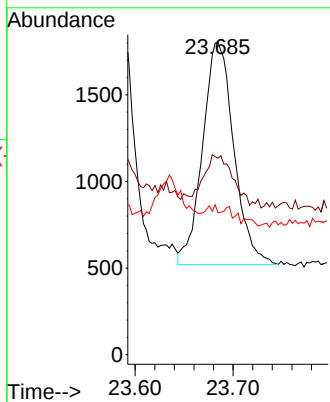
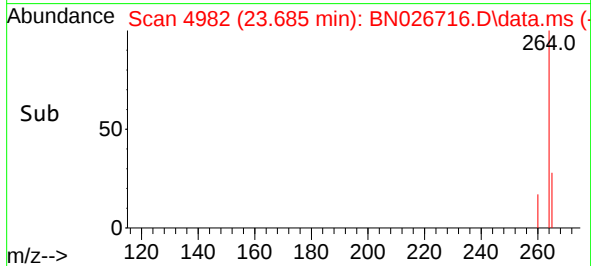
Instrument :
BNA_N
ClientSampleId :
A46W3RE



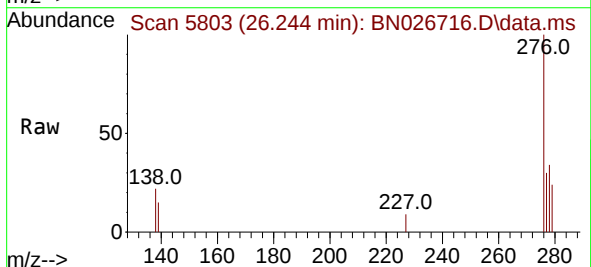
Tgt Ion:252 Resp: 2840
Ion Ratio Lower Upper
252 100
253 62.9 32.6 49.0#
125 45.4 19.3 28.9#

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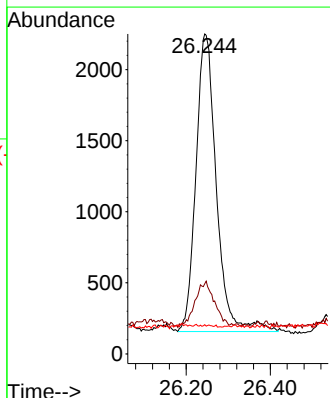
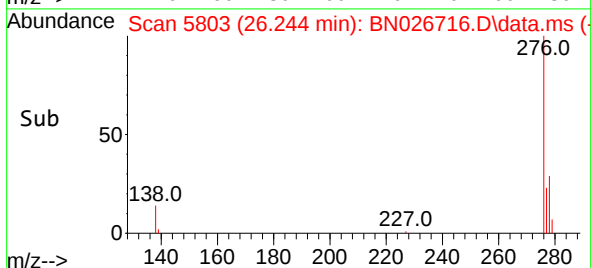
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

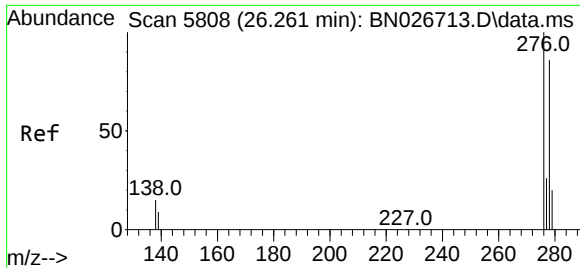


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.206 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BN026716.D
Acq: 24 Jul 2023 16:29



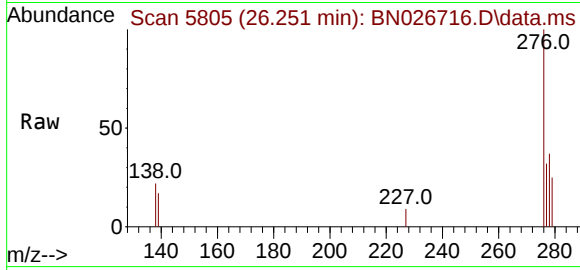
Tgt Ion:276 Resp: 7059
Ion Ratio Lower Upper
276 100
138 15.2 22.2 33.4#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.095 ng/ul
 RT: 26.251 min Scan# 5805
 Delta R.T. -0.007 min
 Lab File: BN026716.D
 Acq: 24 Jul 2023 16:29

Instrument :
 BNA_N
 ClientSampleId :
 A46W3RE



Tgt Ion: 278 Resp: 248

Ion	Ratio	Lower	Upper
278	100		
139	44.7	18.9	28.3
279	66.1	31.3	46.9

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

