

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026680.D
 Acq On : 23 Jul 2023 17:08
 Operator : MA/JU
 Sample : 03472-19DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:42:10 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	3885	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	12483	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	7713	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	16739	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	10946	0.400	ng/ul	# 0.00
23) Perylene-d12	23.790	264	12380	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1597	0.312	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	858	0.051	ng/ul	0.01
18) Fluoranthene-d10	19.246	212	2258	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.189	152	1288	0.034	ng/ul#	82
11) Acenaphthene	14.532	153	622	0.022	ng/ul	95
12) Fluorene	15.517	166	943	0.031	ng/ul#	95
15) Phenanthrene	17.257	178	14533	0.273	ng/ul	99
16) Anthracene	17.350	178	2642	0.057	ng/ul#	91
19) Fluoranthene	19.278	202	26989	0.526	ng/ul#	94
20) Pyrene	19.641	202	24009	0.431	ng/ul	96
21) Benzo(a)anthracene	21.402	228	10351	0.257	ng/ul#	92
22) Chrysene	21.454	228	9733	0.213	ng/ul#	90
24) Benzo(b)fluoranthene	23.079	252	13478m	0.279	ng/ul	
25) Benzo(k)fluoranthene	23.117	252	4623m	0.091	ng/ul	
26) Benzo(a)pyrene	23.688	252	8265	0.193	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.244	276	6727	0.120	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.250	278	1614	0.037	ng/ul#	1
29) Benzo(g,h,i)perylene	27.008	276	6873	0.138	ng/ul#	90

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

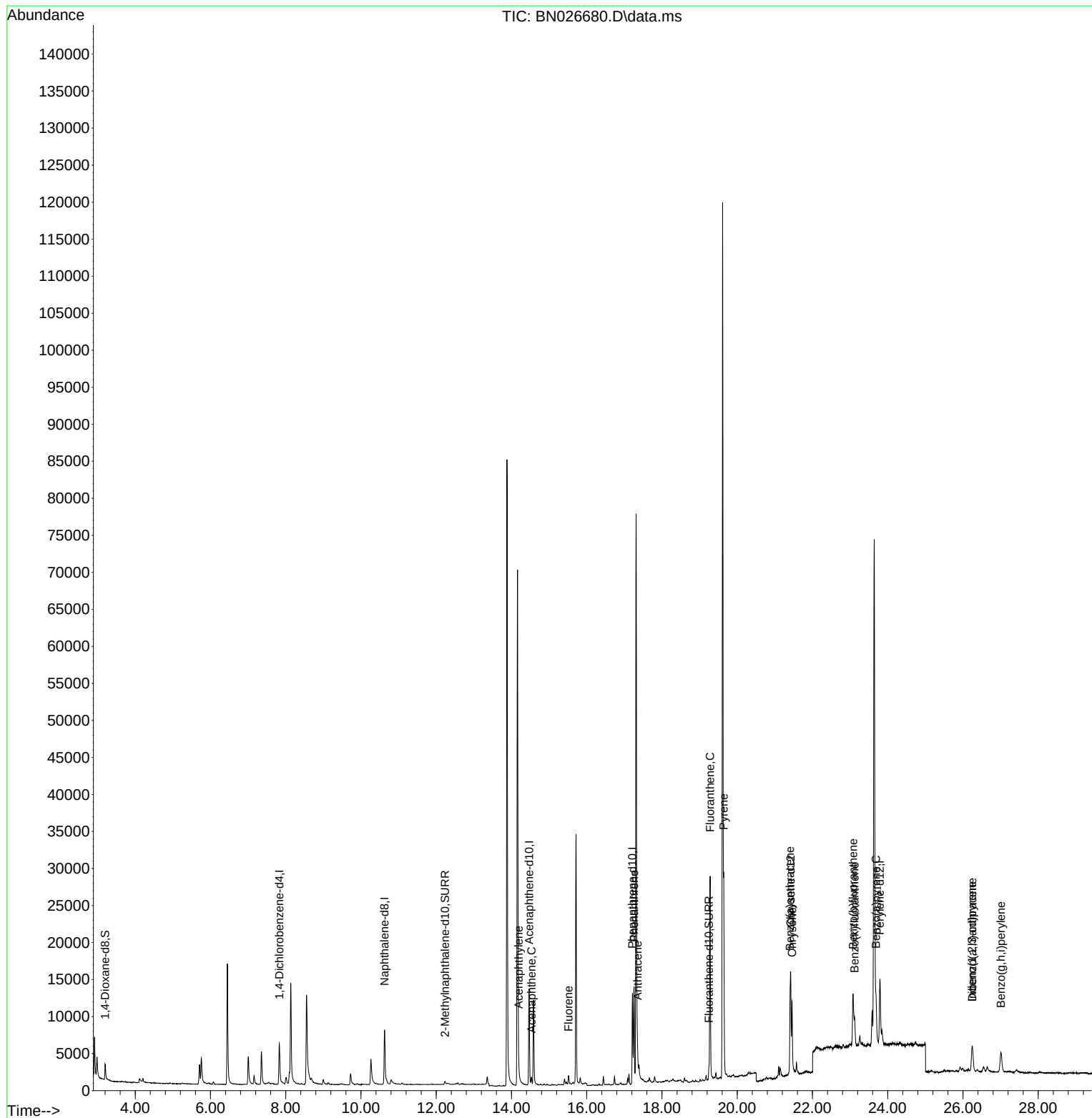
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026680.D
Acq On : 23 Jul 2023 17:08
Operator : MA/JU
Sample : 03472-19DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

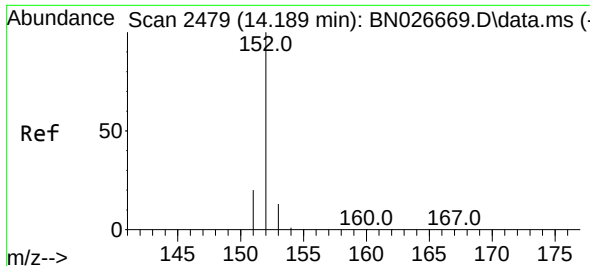
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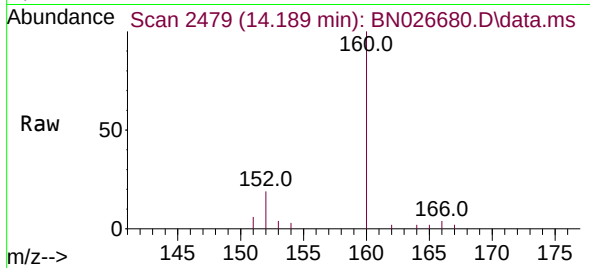
Quant Time: Jul 24 00:42:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

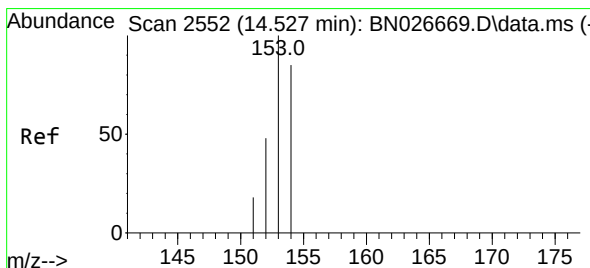
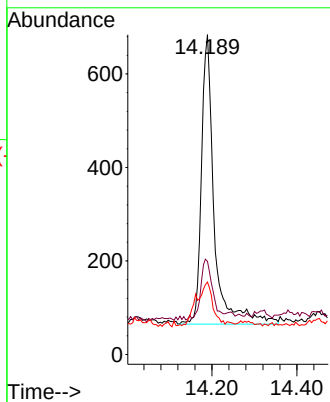
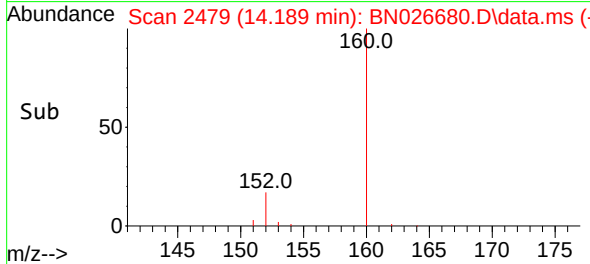
Instrument :
BNA_N
ClientSampleId :
A46R0DL



Tgt Ion:152 Resp: 1288
Ion Ratio Lower Upper
152 100
151 29.1 17.0 25.6
153 22.7 11.4 17.2

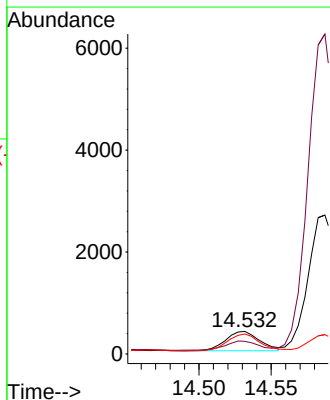
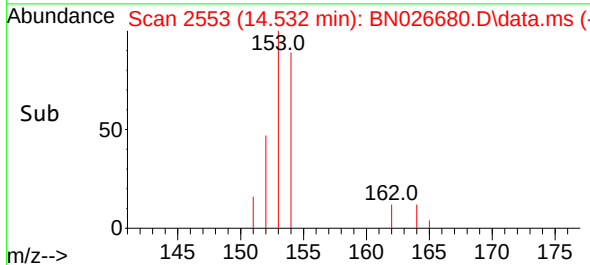
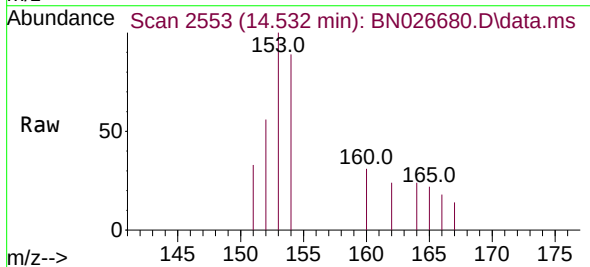
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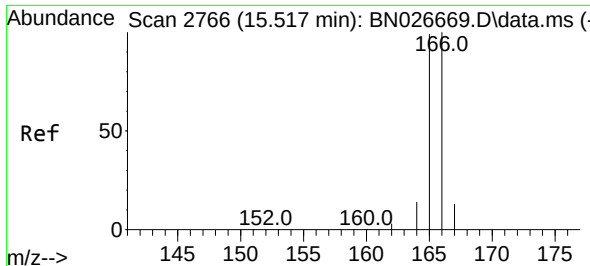
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. 0.005 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

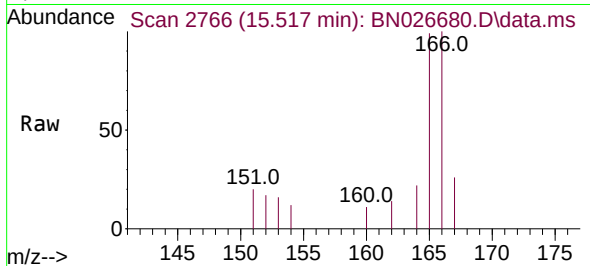
Tgt Ion:153 Resp: 622
Ion Ratio Lower Upper
153 100
152 56.3 40.2 60.4
154 89.1 69.3 103.9





#12
Fluorene
Concen: 0.031 ng/u1
RT: 15.517 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

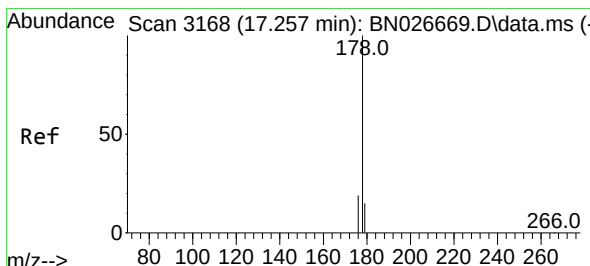
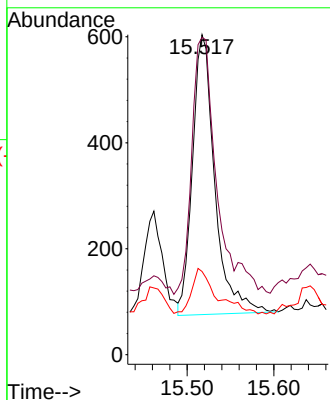
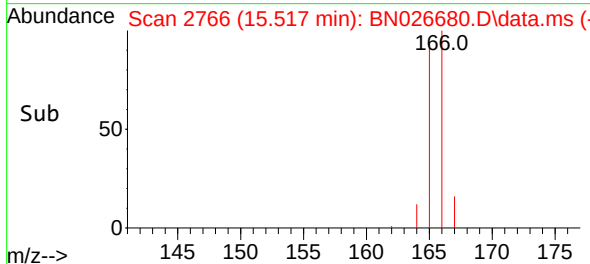
Instrument :
BNA_N
ClientSampleId :
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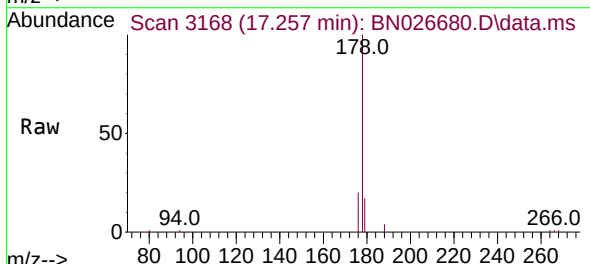
Tgt Ion:166 Resp: 94
Ion Ratio Lower Upper
166 100
165 99.2 80.6 120.8
167 26.0 12.0 18.0

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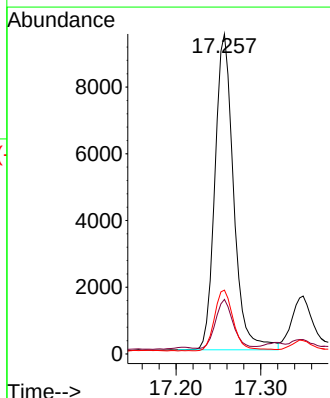
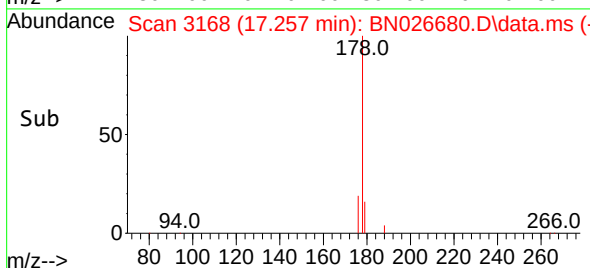
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

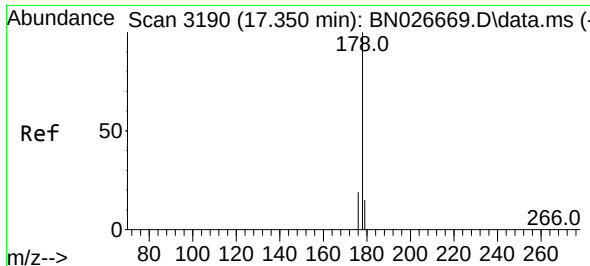


#15
Phenanthrene
Concen: 0.273 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08



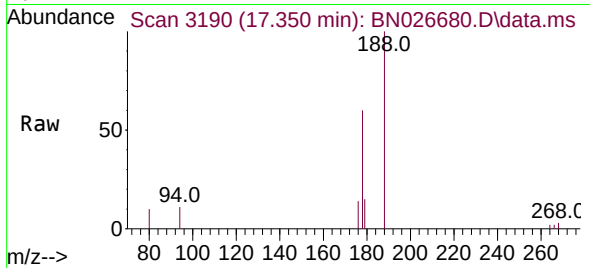
Tgt Ion:178 Resp: 14533
Ion Ratio Lower Upper
178 100
179 17.1 13.7 20.5
176 20.0 16.5 24.7





#16
 Anthracene
 Concen: 0.057 ng/ul
 RT: 17.350 min Scan# 3190
 Delta R.T. -0.000 min
 Lab File: BN026680.D
 Acq: 23 Jul 2023 17:08

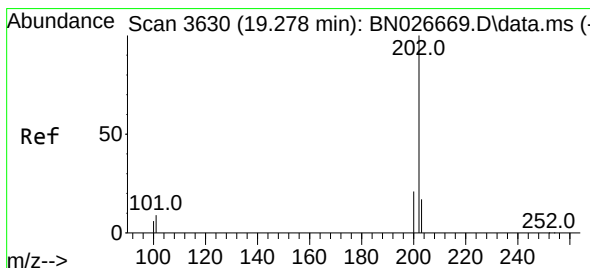
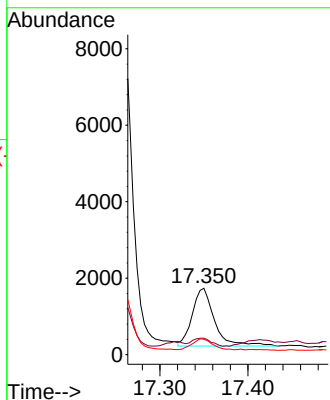
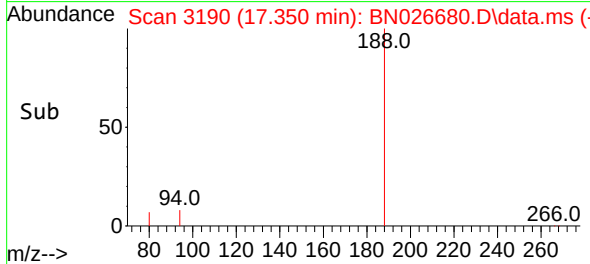
Instrument :
 BNA_N
 ClientSampleId :
 A46R0DL



Tgt Ion:178 Resp: 2642
 Ion Ratio Lower Upper
 178 100
 179 24.9 14.8 22.2#
 176 23.1 16.6 25.0#

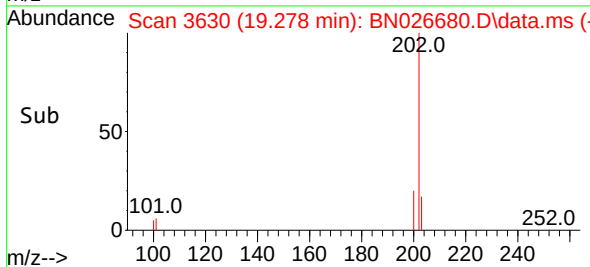
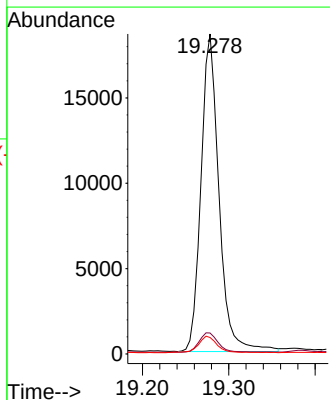
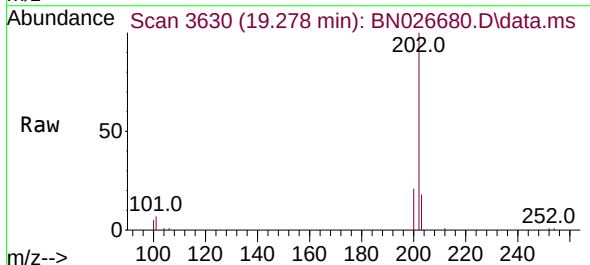
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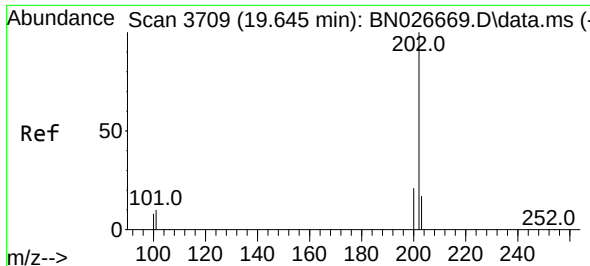
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 0.526 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.000 min
 Lab File: BN026680.D
 Acq: 23 Jul 2023 17:08

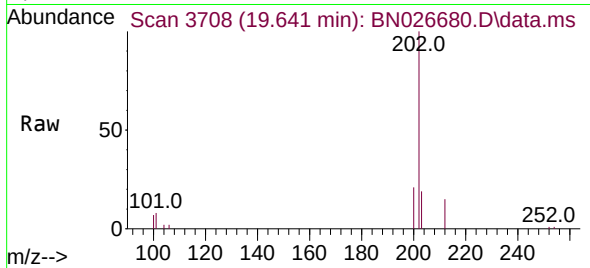
Tgt Ion:202 Resp: 26989
 Ion Ratio Lower Upper
 202 100
 101 6.6 7.0 10.4#
 100 5.2 6.0 9.0#





#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

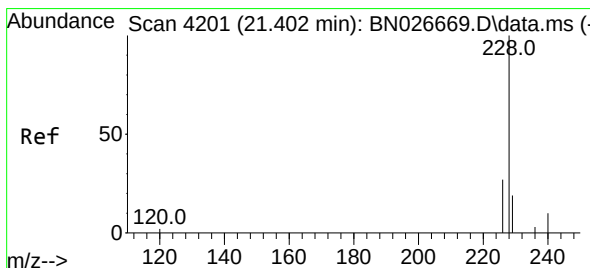
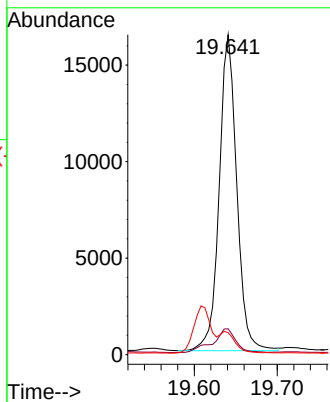
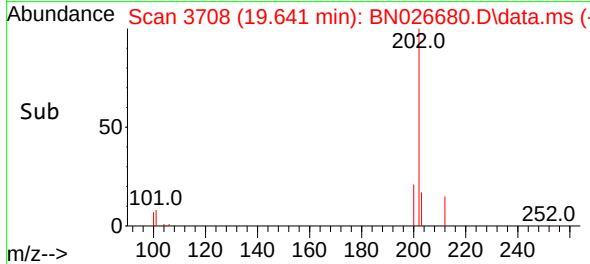
Instrument :
BNA_N
ClientSampleId :
A46R0DL



Tgt Ion:202 Resp: 24009
Ion Ratio Lower Upper
202 100
101 8.1 8.0 12.0
100 6.9 6.2 9.2

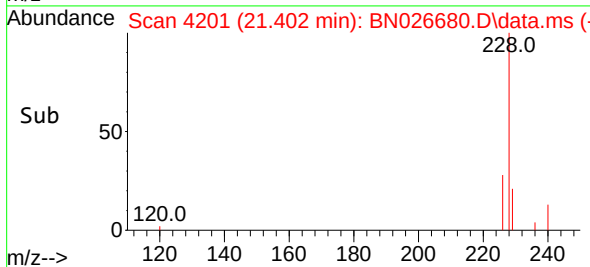
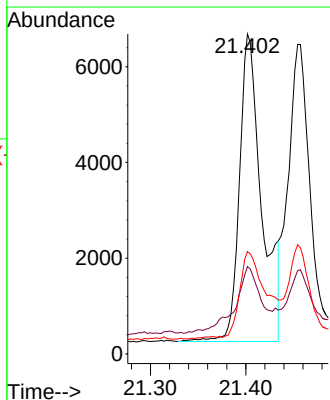
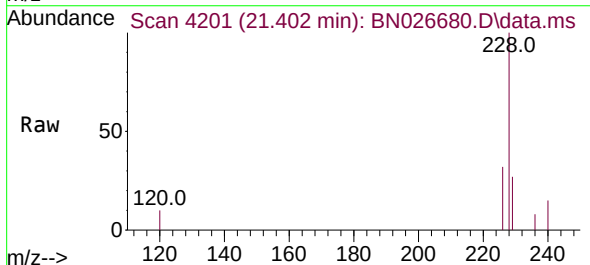
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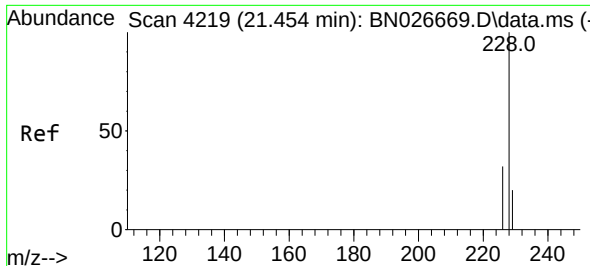
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#21
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.402 min Scan# 4201
Delta R.T. -0.000 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

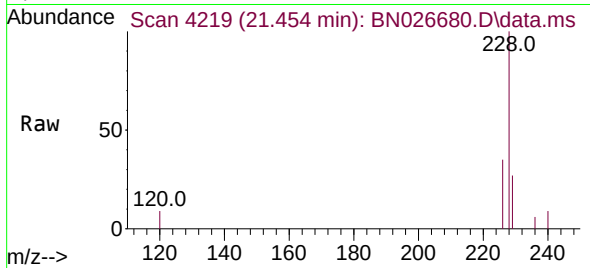
Tgt Ion:228 Resp: 10351
Ion Ratio Lower Upper
228 100
229 27.3 16.7 25.1#
226 32.0 23.5 35.3





#22
Chrysene
Concen: 0.213 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.000 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

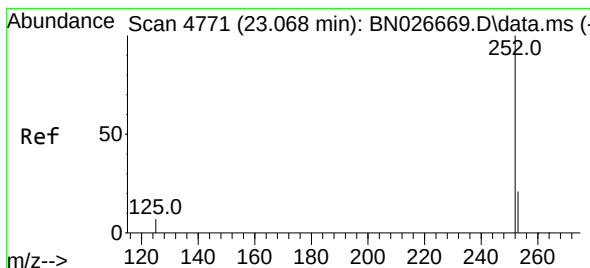
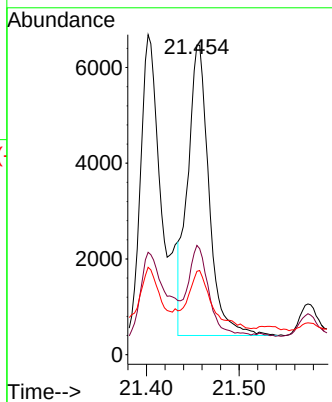
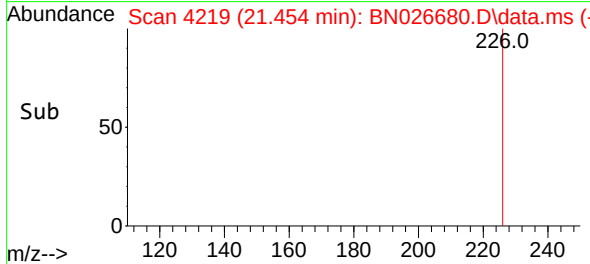
Instrument :
BNA_N
ClientSampleId :
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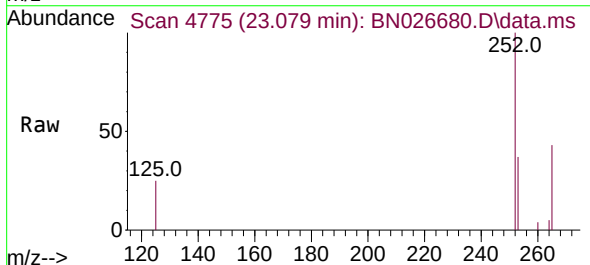
Tgt Ion:228 Resp: 973
Ion Ratio Lower Upper
228 100
226 35.3 25.2 37.8
229 26.9 16.4 24.6

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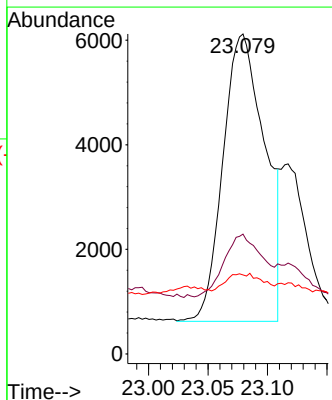
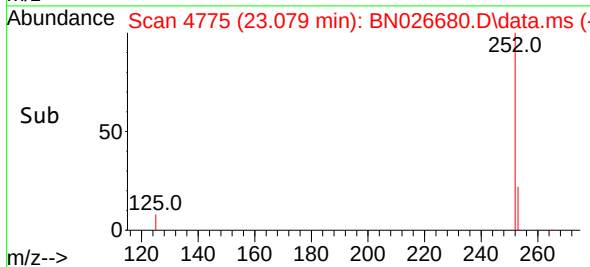
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

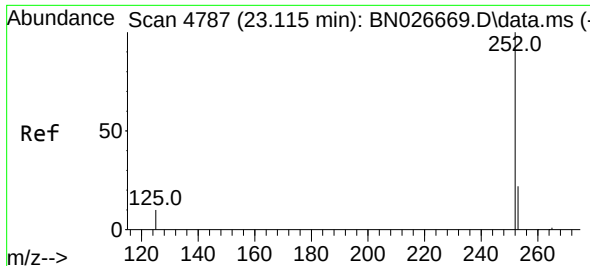


#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul m
RT: 23.079 min Scan# 4775
Delta R.T. 0.012 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08



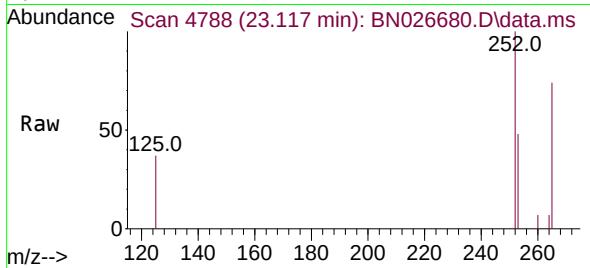
Tgt Ion:252 Resp: 13478
Ion Ratio Lower Upper
252 100
253 37.4 0.0 68.6
125 24.7 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 23.117 min Scan# 4787
Delta R.T. 0.003 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

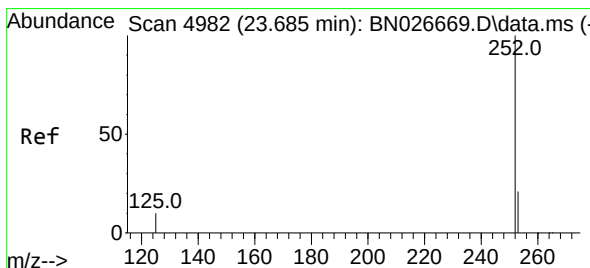
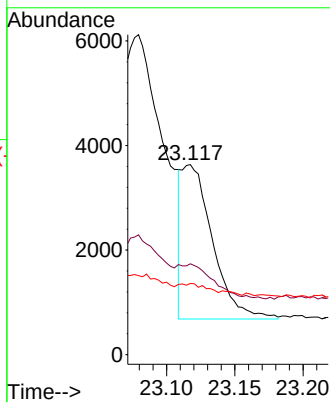
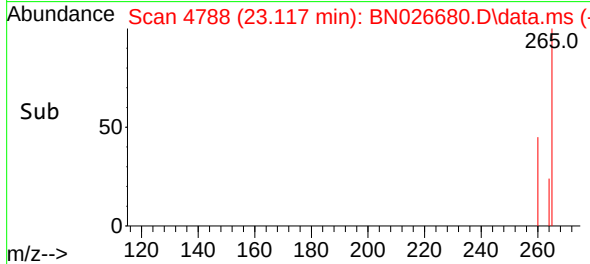
Instrument :
BNA_N
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A46R0DL



Tgt Ion:252 Resp: 462
Ion Ratio Lower Upper
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253 47.8 27.2 40.8
125 37.4 13.4 20.2

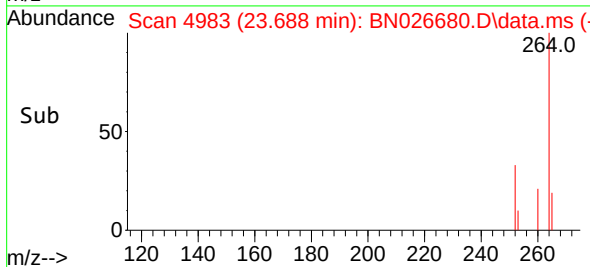
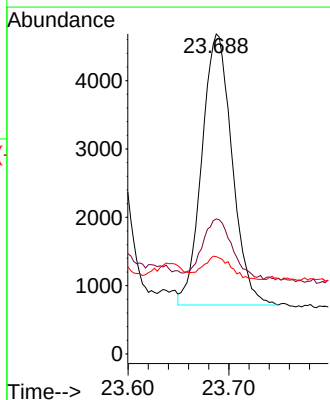
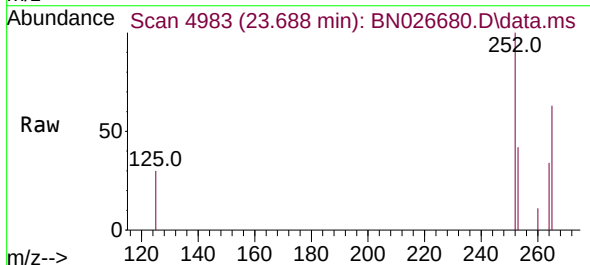
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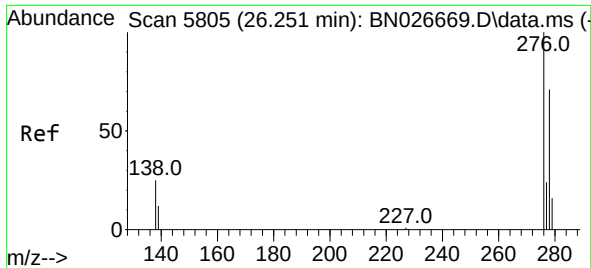
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#26
Benzo(a)pyrene
Concen: 0.193 ng/ul
RT: 23.688 min Scan# 4983
Delta R.T. 0.003 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

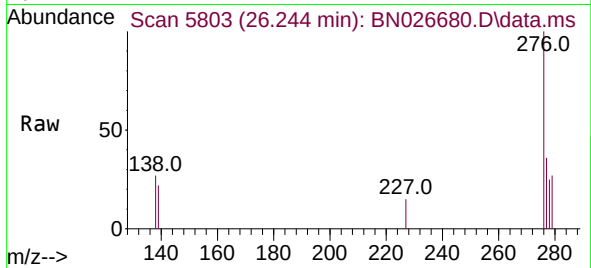
Tgt Ion:252 Resp: 8265
Ion Ratio Lower Upper
252 100
253 42.2 32.6 49.0
125 30.4 19.3 28.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.120 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08

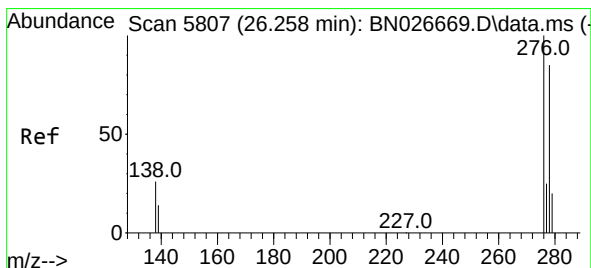
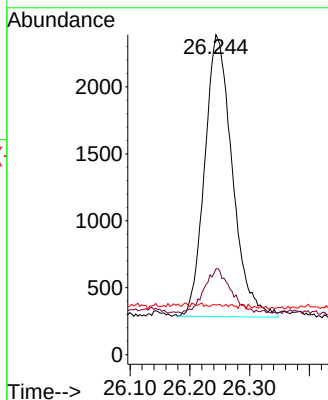
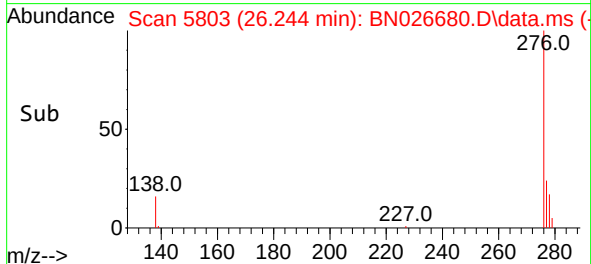
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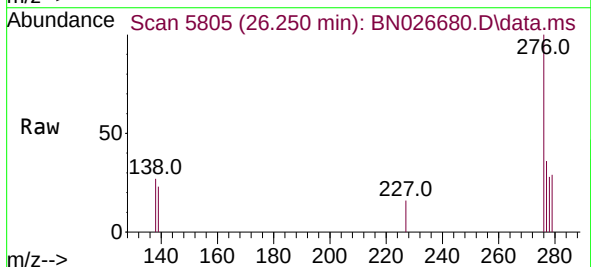
Tgt Ion:276 Resp: 672
Ion Ratio Lower Upper
276 100
138 15.2 22.2 33.4#
227 0.3 0.1 0.1#

Manual Integrations
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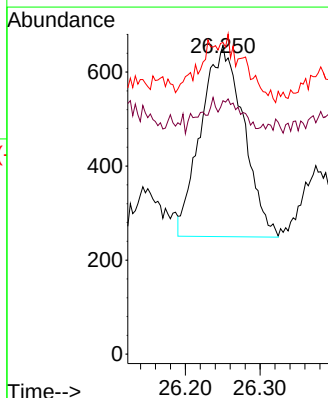
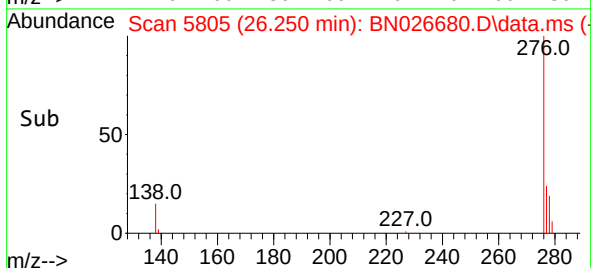
Reviewed By :Yogesh Patel 07/24/2023
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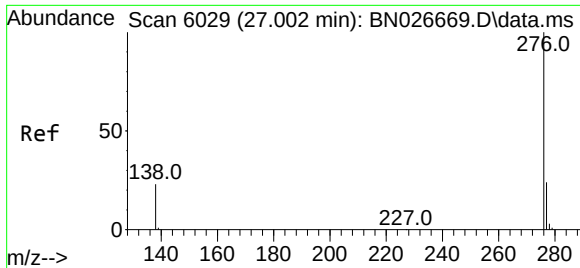


#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.250 min Scan# 5805
Delta R.T. -0.007 min
Lab File: BN026680.D
Acq: 23 Jul 2023 17:08



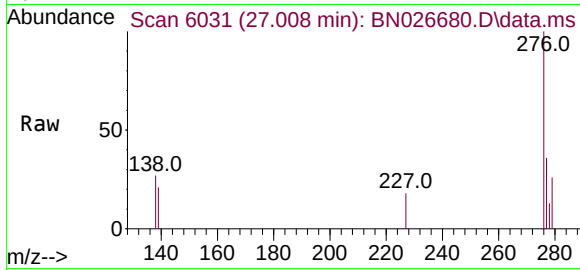
Tgt Ion:278 Resp: 1614
Ion Ratio Lower Upper
278 100
139 82.0 18.9 28.3#
279 100.9 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.138 ng/ul
 RT: 27.008 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: BN026680.D
 Acq: 23 Jul 2023 17:08

Instrument :
 BNA_N
 ClientSampleId :
 A46R0DL



Tgt Ion: 276 Resp: 687

Ion	Ratio	Lower	Upper
276	100		
138	26.7	22.6	34.0
277	36.0	21.8	32.8

Manual Integrations
 APPROVED

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

