

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026616.D
 Acq On : 21 Jul 2023 06:34
 Operator : MA/JU
 Sample : 03472-29
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46Q2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 07:17:35 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 : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1838	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	6400	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.471	164	4098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	10900	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.413	240	11078	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	11900	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	11846	4.894	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	5200	0.598	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	17187	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	702	0.040	ng/ul#	68
7) 2-Methylnaphthalene	12.297	142	260	0.026	ng/ul	94
10) Acenaphthylene	14.189	152	1577	0.079	ng/ul#	86
12) Fluorene	15.522	166	525	0.033	ng/ul#	92
15) Phenanthrene	17.257	178	8660	0.249	ng/ul	98
16) Anthracene	17.350	178	1190	0.040	ng/ul#	76
19) Fluoranthene	19.278	202	19729	0.380	ng/ul#	96
20) Pyrene	19.641	202	27595m	0.489	ng/ul	
21) Benzo(a)anthracene	21.396	228	12350m	0.303	ng/ul	
22) Chrysene	21.448	228	16618	0.359	ng/ul	95
24) Benzo(b)fluoranthene	23.065	252	19489m	0.420	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	6450m	0.133	ng/ul	
26) Benzo(a)pyrene	23.673	252	7255	0.176	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.234	276	8187	0.151	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.250	278	1919	0.046	ng/ul#	26
29) Benzo(g,h,i)perylene	26.985	276	8142	0.171	ng/ul	98

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

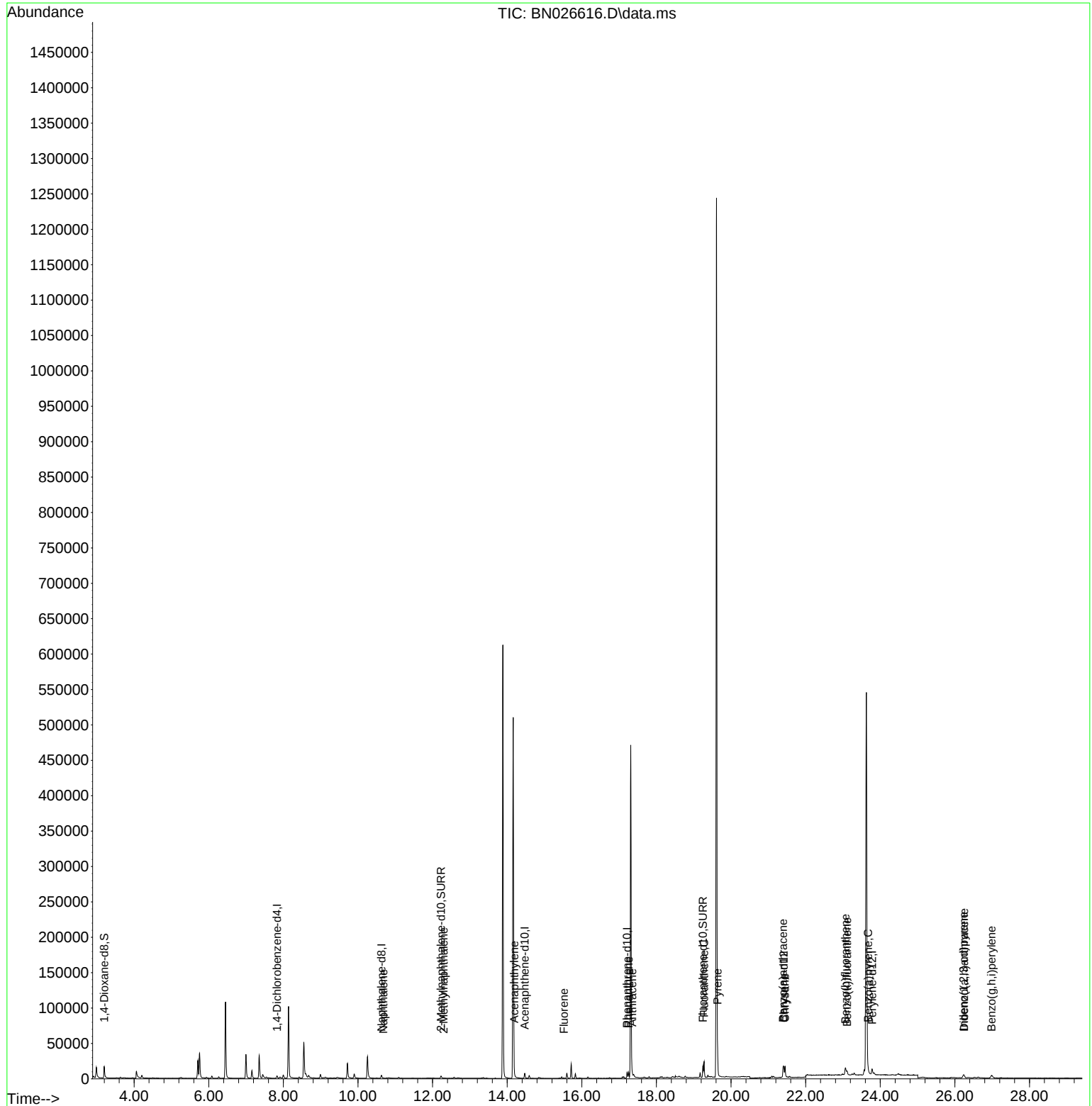
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026616.D
Acq On : 21 Jul 2023 06:34
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ALS Vial : 26 Sample Multiplier: 1

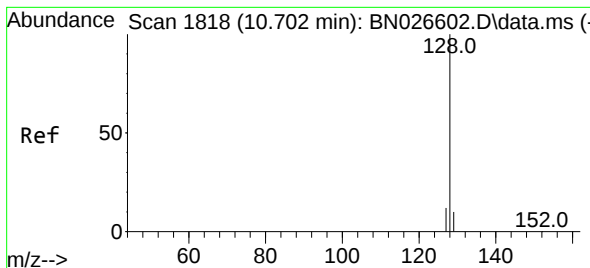
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Quant Time: Jul 21 07:17:35 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.040 ng/ul

RT: 10.680 min Scan# 11

Delta R.T. -0.022 min

Lab File: BN026616.D

Acq: 21 Jul 2023 06:34

Instrument :

BNA_N

ClientSampleId :

A46Q2

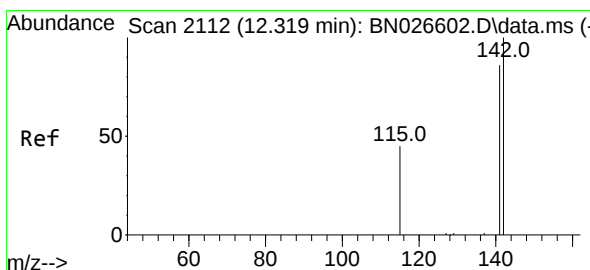
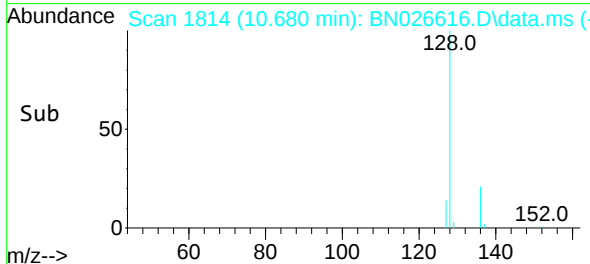
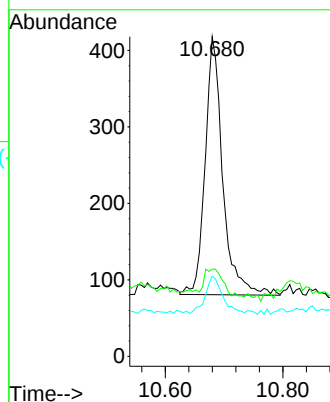
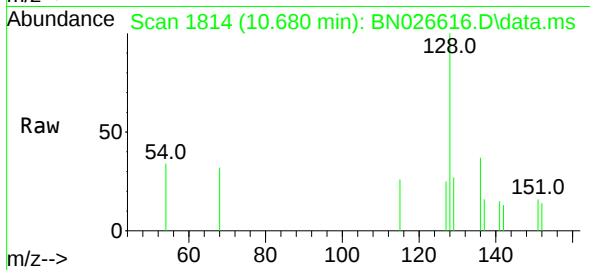
Tgt Ion:	128	Resp:	702
Ion Ratio	Lower	Upper	
128	100		
129	27.3	10.2	15.2
127	25.1	11.4	17.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#7

2-Methylnaphthalene

Concen: 0.026 ng/ul

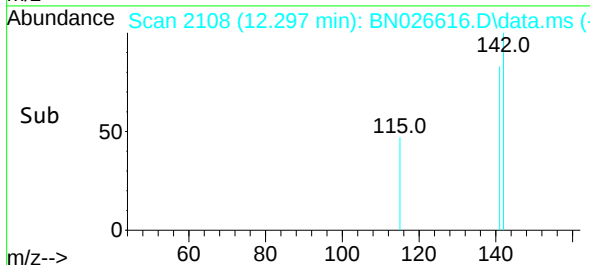
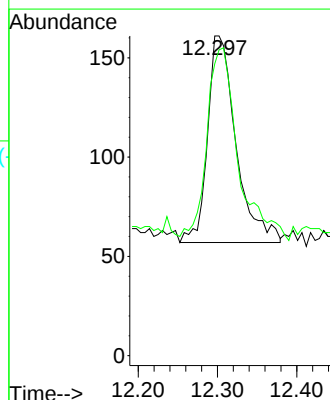
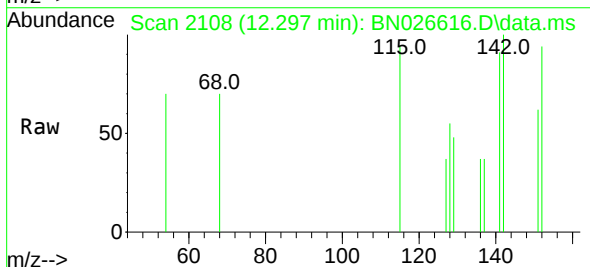
RT: 12.297 min Scan# 2108

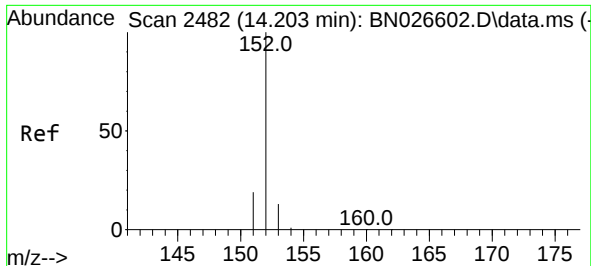
Delta R.T. -0.022 min

Lab File: BN026616.D

Acq: 21 Jul 2023 06:34

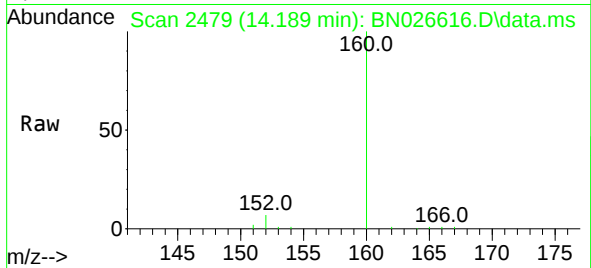
Tgt Ion:	142	Resp:	260
Ion Ratio	Lower	Upper	
142	100		
141	96.2	72.3	108.5





#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

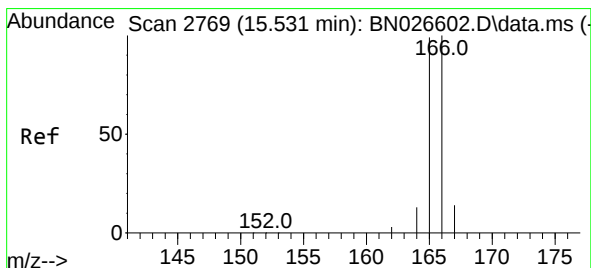
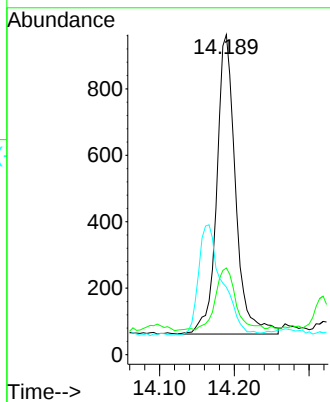
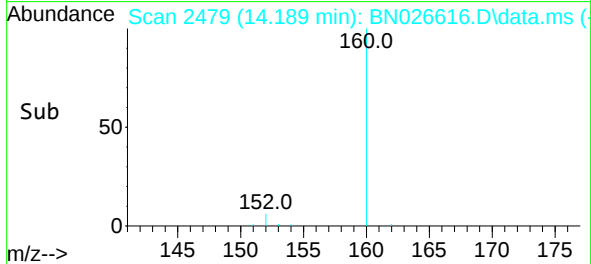
Instrument :
BNA_N
ClientSampleId :
A46Q2



Tgt Ion:152 Resp: 157
Ion Ratio Lower Upper
152 100
151 27.1 17.0 25.6
153 21.1 11.4 17.2

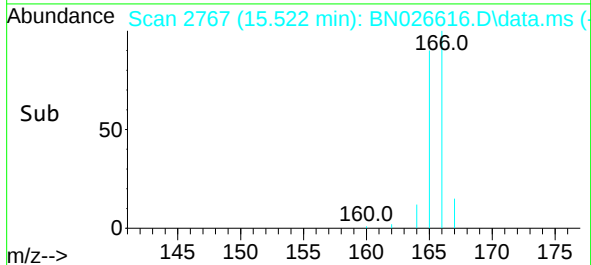
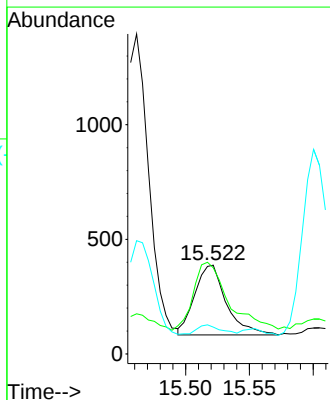
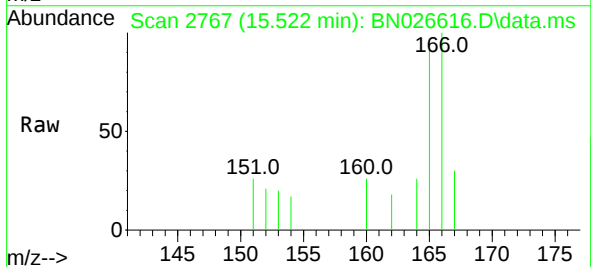
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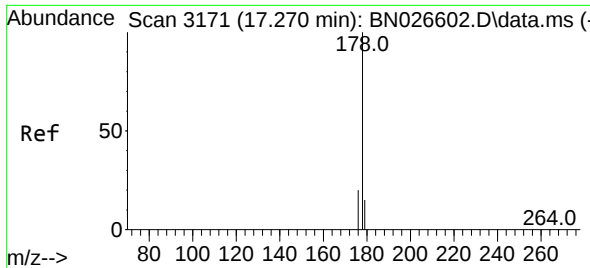
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

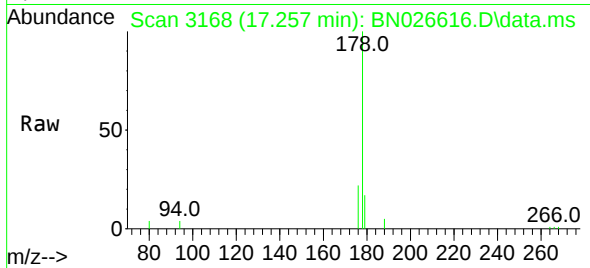
Tgt Ion:166 Resp: 525
Ion Ratio Lower Upper
166 100
165 97.2 80.6 120.8
167 30.2 12.0 18.0





#15
Phenanthrene
Concen: 0.249 ng/ul
RT: 17.257 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

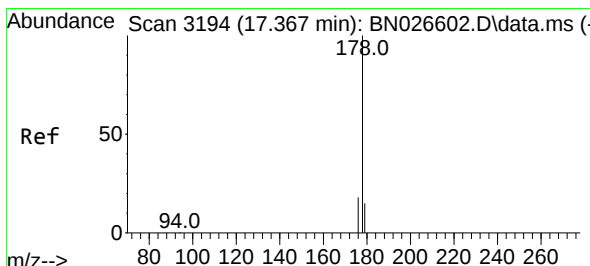
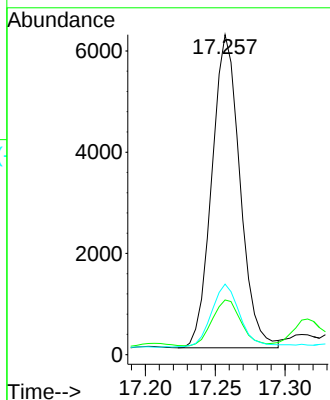
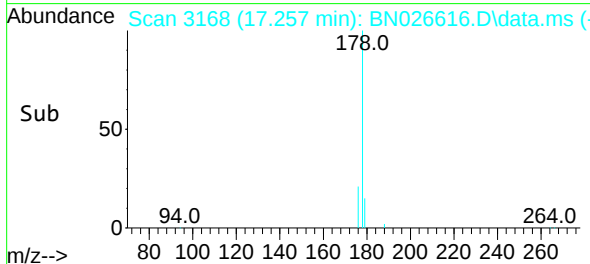
Instrument :
BNA_N
ClientSampleId :
A46Q2



Tgt Ion:178 Resp: 8660
Ion Ratio Lower Upper
178 100
179 17.1 13.7 20.5
176 22.0 16.5 24.7

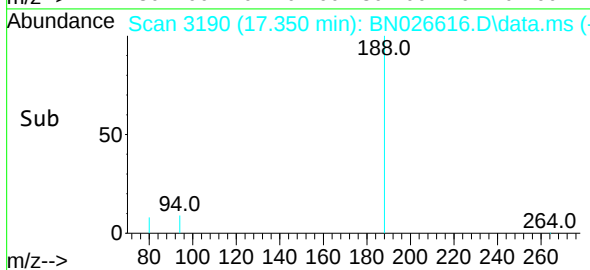
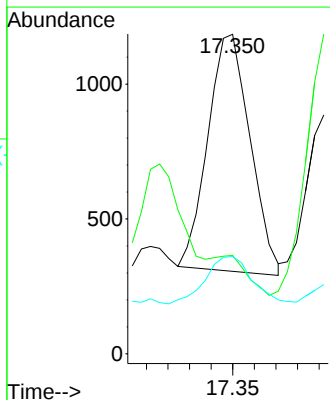
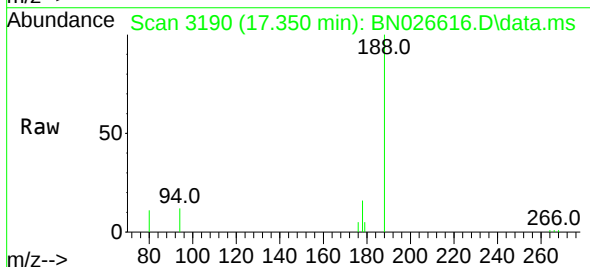
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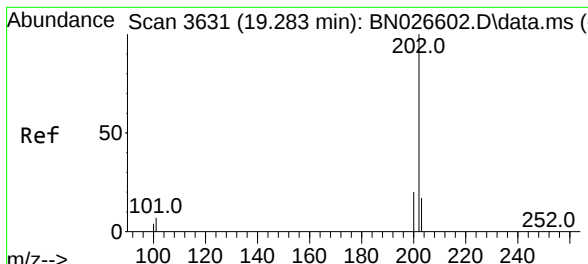
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 0.040 ng/ul
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

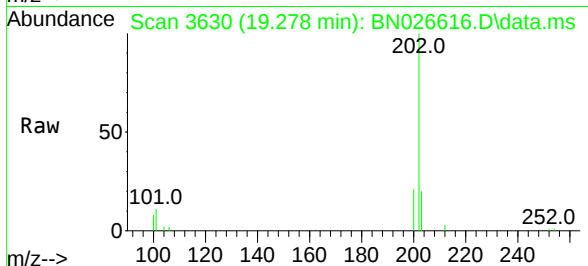
Tgt Ion:178 Resp: 1190
Ion Ratio Lower Upper
178 100
179 30.8 14.8 22.2#
176 30.5 16.6 25.0#





#19
 Fluoranthene
 Concen: 0.380 ng/ul
 RT: 19.278 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BN026616.D
 Acq: 21 Jul 2023 06:34

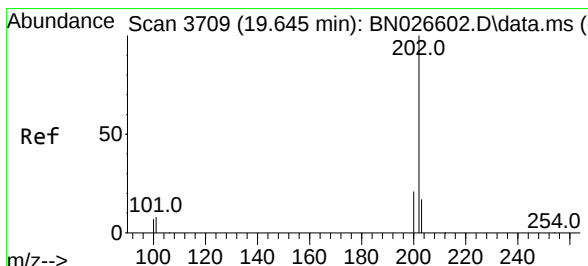
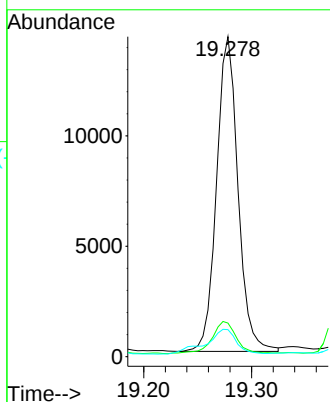
Instrument :
 BNA_N
 ClientSampleId :
 A46Q2



Tgt Ion:202 Resp: 19729
 Ion Ratio Lower Upper
 202 100
 101 10.5 7.0 10.4
 100 8.5 6.0 9.0

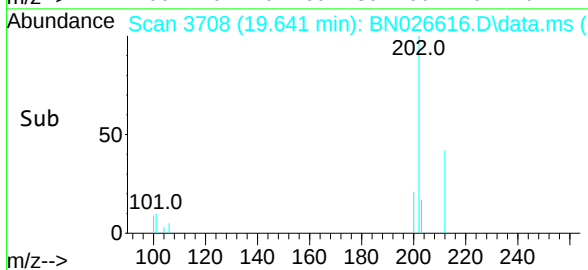
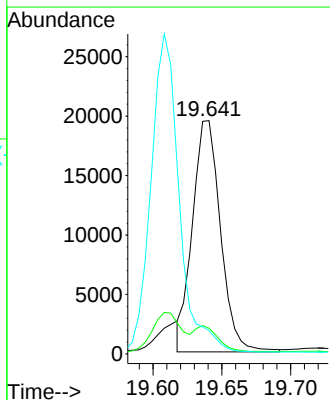
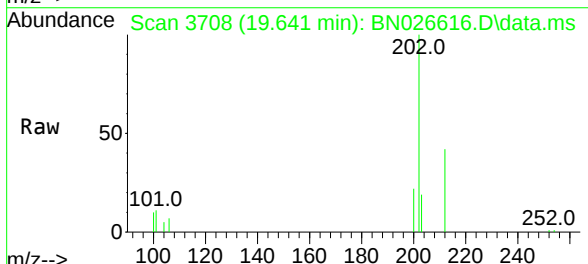
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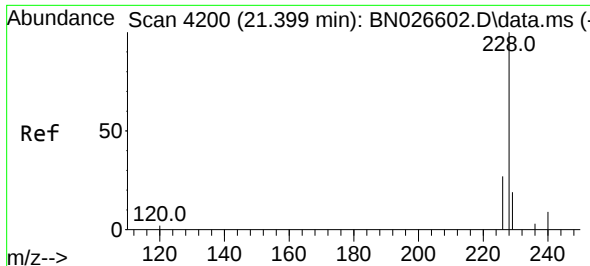
Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023



#20
 Pyrene
 Concen: 0.489 ng/ul m
 RT: 19.641 min Scan# 3708
 Delta R.T. -0.005 min
 Lab File: BN026616.D
 Acq: 21 Jul 2023 06:34

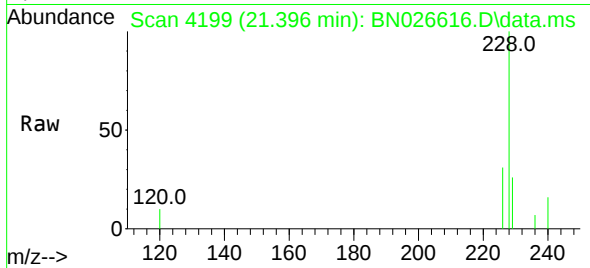
Tgt Ion:202 Resp: 27595
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.0 12.0
 100 10.0 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.303 ng/ul m
RT: 21.396 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

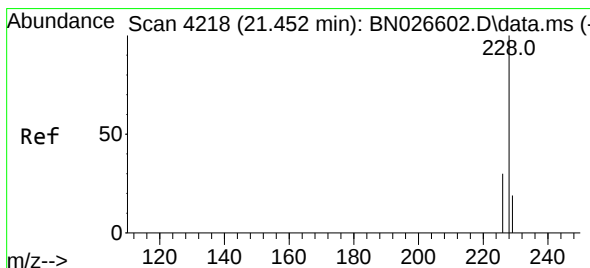
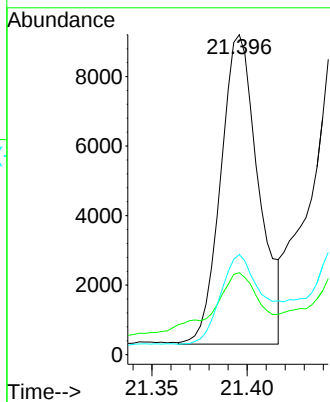
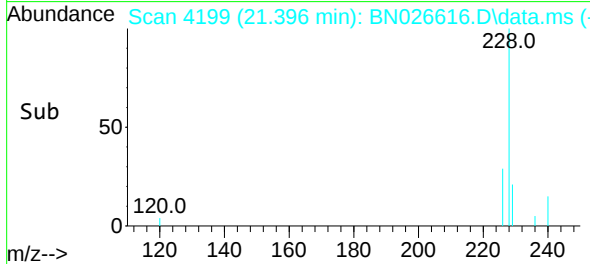
Instrument :
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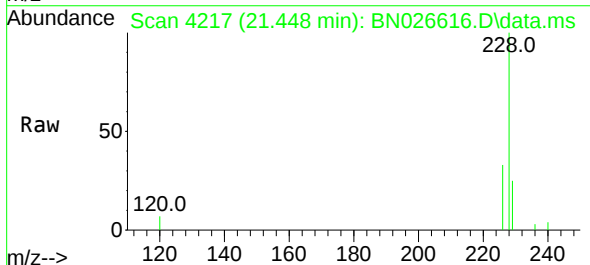
Tgt Ion:228 Resp: 12350
Ion Ratio Lower Upper
228 100
229 25.6 16.7 25.1
226 31.3 23.5 35.3

Manual Integrations
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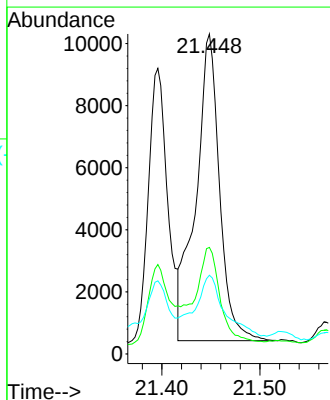
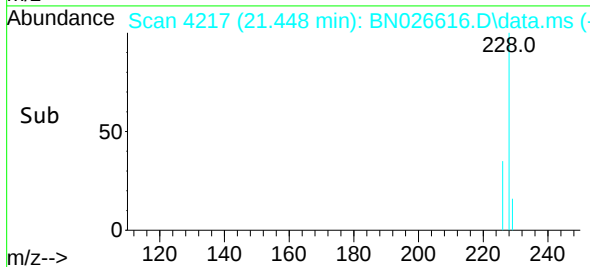
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

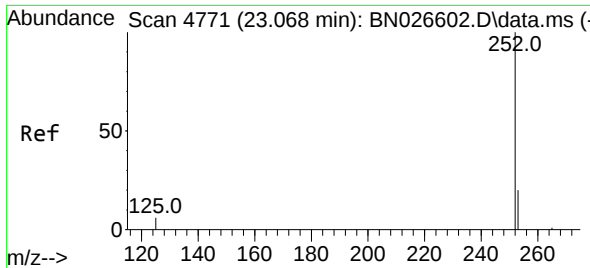


#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.448 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34



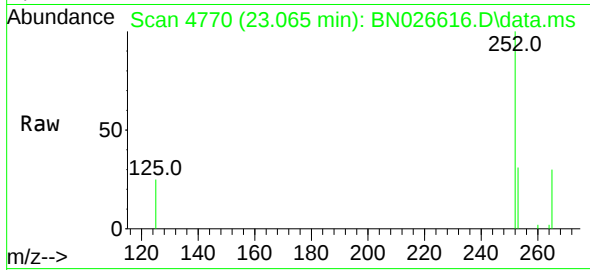
Tgt Ion:228 Resp: 16618
Ion Ratio Lower Upper
228 100
226 33.3 25.2 37.8
229 24.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul m
RT: 23.065 min Scan# 4770
Delta R.T. -0.003 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

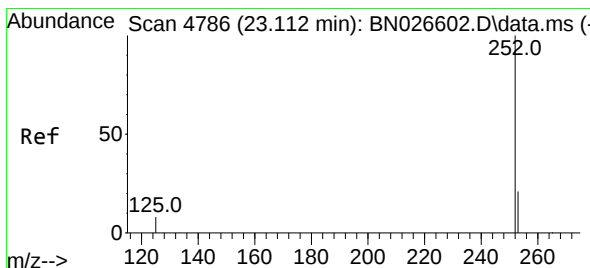
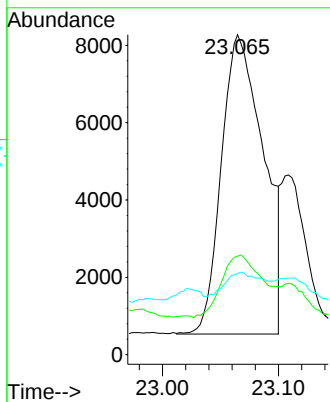
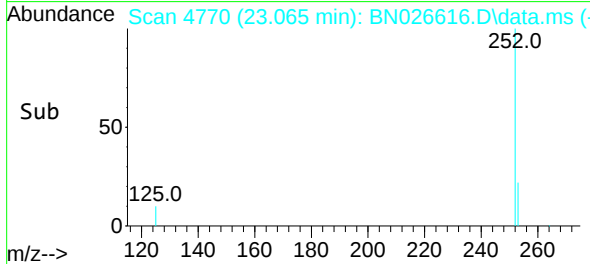
Instrument :
BNA_N
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Tgt Ion:252 Resp: 19489
Ion Ratio Lower Upper
252 100
253 30.8 0.0 68.6
125 25.4 0.0 34.0

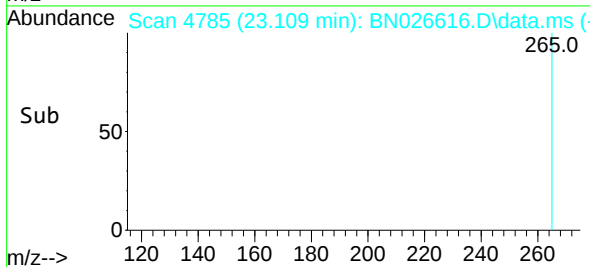
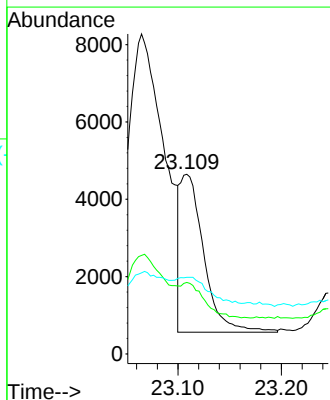
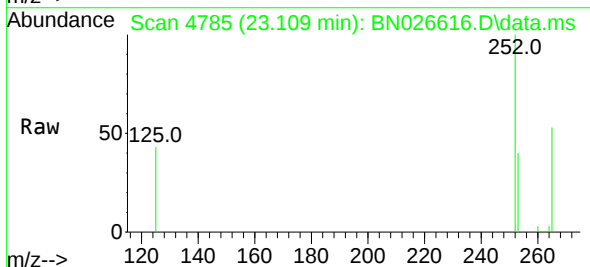
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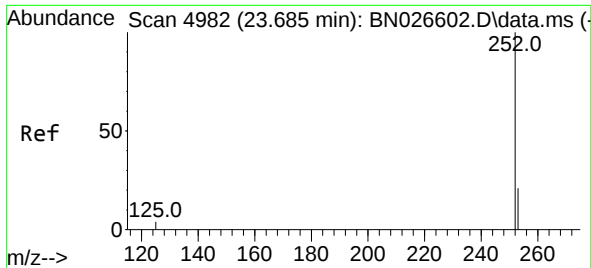
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.133 ng/ul m
RT: 23.109 min Scan# 4785
Delta R.T. -0.003 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

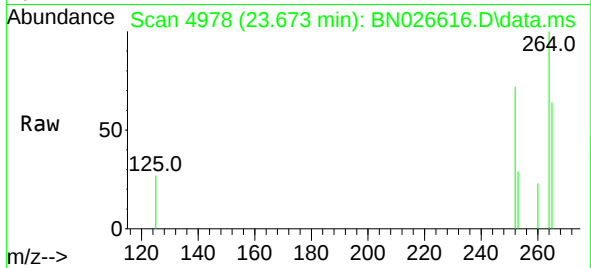
Tgt Ion:252 Resp: 6450
Ion Ratio Lower Upper
252 100
253 39.8 27.2 40.8
125 42.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.673 min Scan# 4982
Delta R.T. -0.012 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

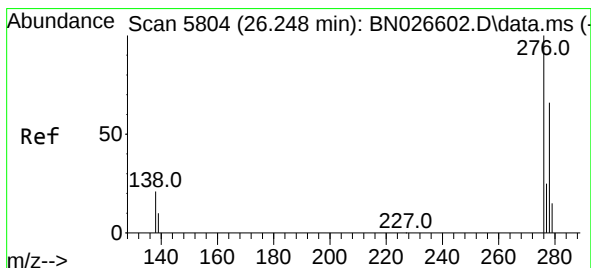
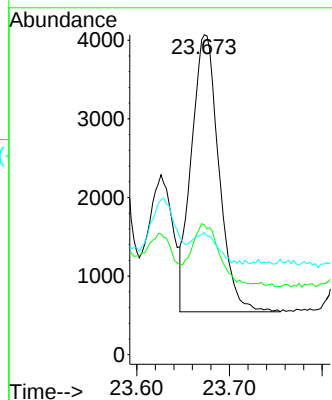
Instrument :
BNA_N
ClientSampleId :
A46Q2



Tgt Ion:252 Resp: 725
Ion Ratio Lower Upper
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253 40.6 32.6 49.0
125 38.1 19.3 28.9

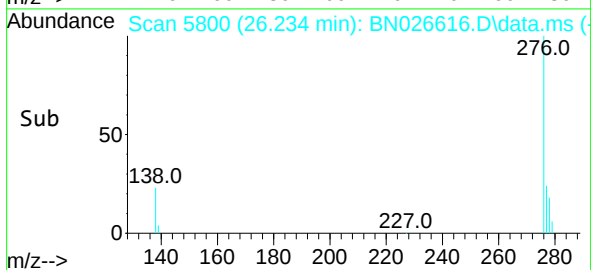
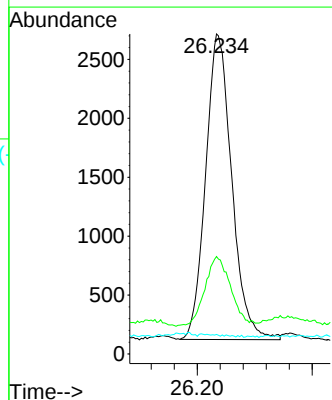
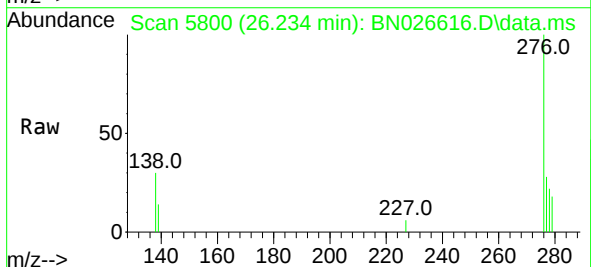
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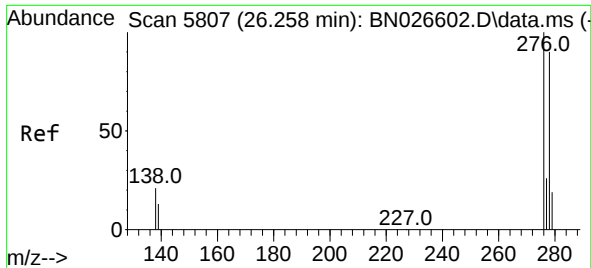
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.151 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.014 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

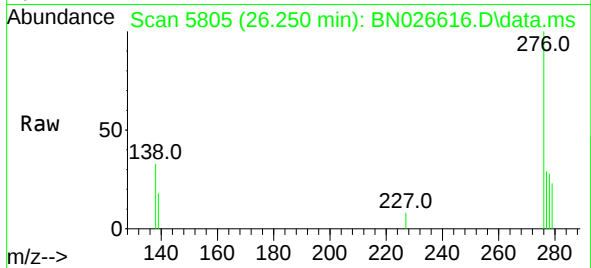
Tgt Ion:276 Resp: 8187
Ion Ratio Lower Upper
276 100
138 22.7 22.2 33.4
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.250 min Scan# 5807
Delta R.T. -0.007 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34

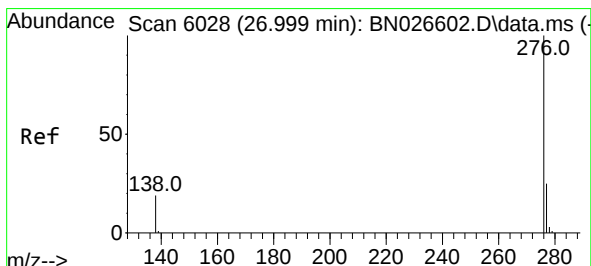
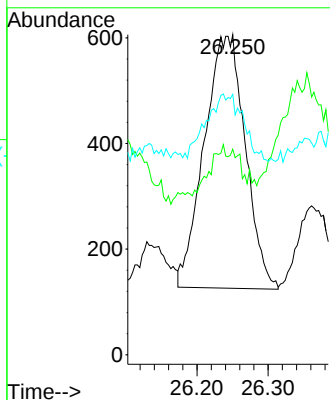
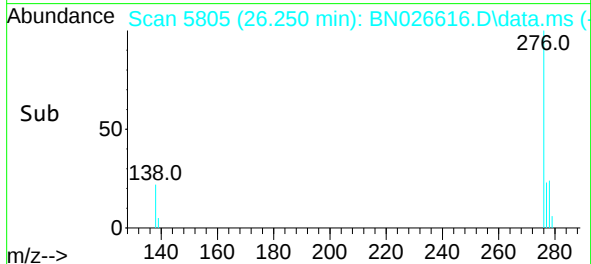
Instrument :
BNA_N
ClientSampleId :
A46Q2



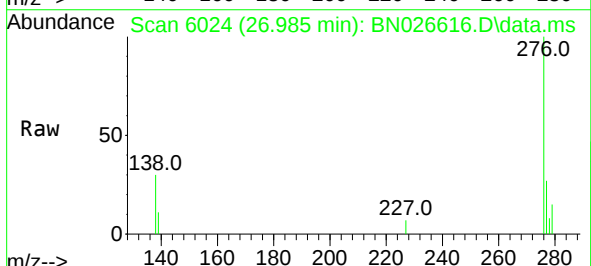
Tgt Ion:278 Resp: 1919
Ion Ratio Lower Upper
278 100
139 64.2 18.9 28.3
279 81.4 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.171 ng/ul
RT: 26.985 min Scan# 6024
Delta R.T. -0.014 min
Lab File: BN026616.D
Acq: 21 Jul 2023 06:34



Tgt Ion:276 Resp: 8142
Ion Ratio Lower Upper
276 100
138 30.0 22.6 34.0
277 27.2 21.8 32.8

