

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026626.D
 Acq On : 21 Jul 2023 13:18
 Operator : MA/JU
 Sample : 03472-29
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46Q2RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 15:50:40 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	2204	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	7348	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.471	164	4811	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	12380	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.422	240	9799	0.400	ng/ul	0.00
23) Perylene-d12	23.796	264	9456	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	15573	5.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	6542	0.655	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	19302	0.568	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.685	128	846	0.042	ng/ul#	74
7) 2-Methylnaphthalene	12.308	142	319	0.028	ng/ul	89
10) Acenaphthylene	14.189	152	1633	0.069	ng/ul#	86
12) Fluorene	15.522	166	653	0.035	ng/ul#	93
15) Phenanthrene	17.257	178	10383	0.263	ng/ul	98
16) Anthracene	17.346	178	1333	0.039	ng/ul#	74
19) Fluoranthene	19.278	202	21800	0.475	ng/ul#	95
20) Pyrene	19.641	202	32187	0.645	ng/ul#	93
21) Benzo(a)anthracene	21.405	228	12177m	0.338	ng/ul	
22) Chrysene	21.457	228	15513	0.378	ng/ul#	93
24) Benzo(b)fluoranthene	23.076	252	16763m	0.455	ng/ul	
25) Benzo(k)fluoranthene	23.120	252	6395m	0.166	ng/ul	
26) Benzo(a)pyrene	23.687	252	6365	0.194	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.250	276	6936	0.161	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.260	278	1660	0.050	ng/ul#	12
29) Benzo(g,h,i)perylene	27.008	276	6918	0.182	ng/ul	96

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

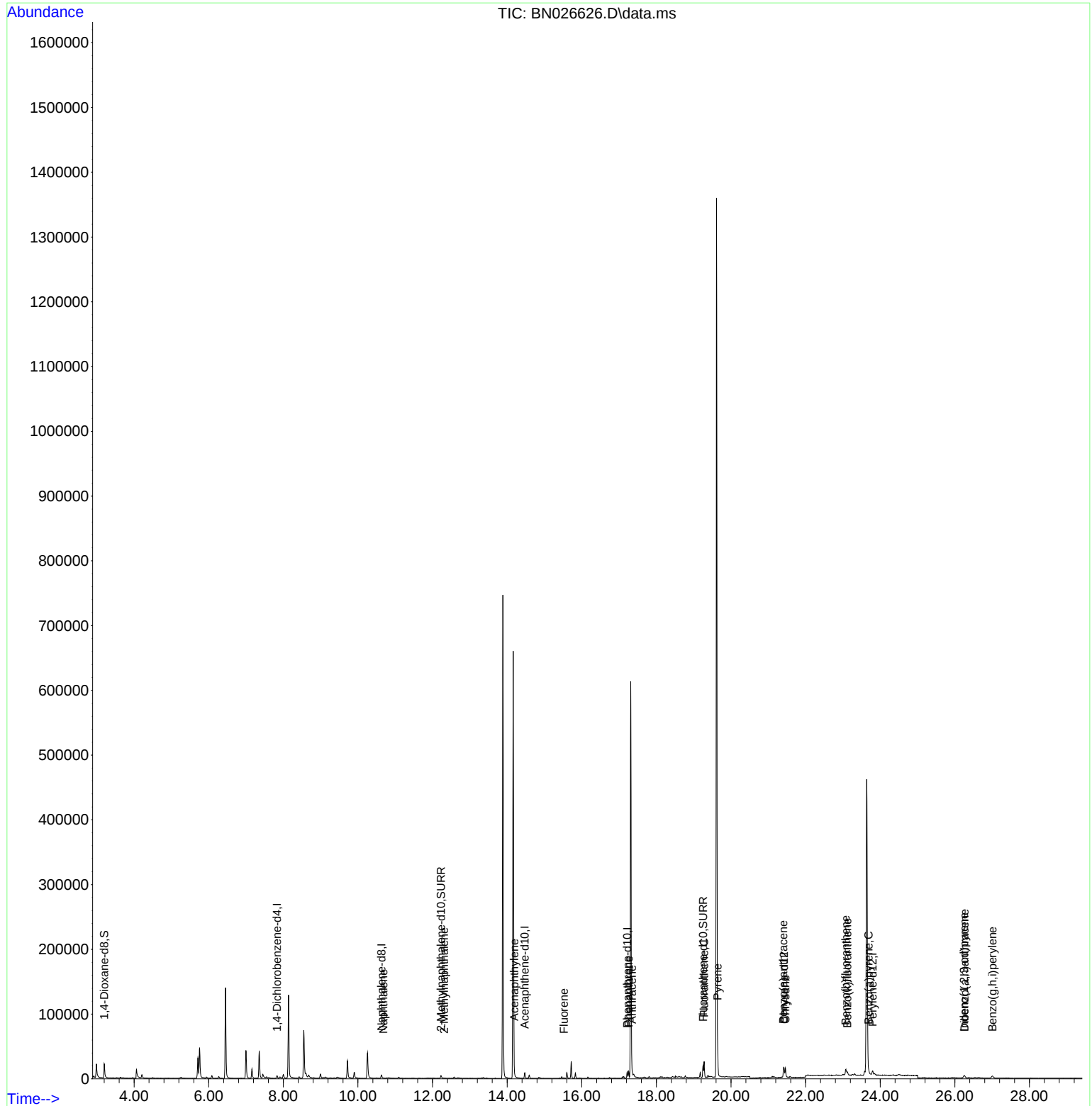
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026626.D
Acq On : 21 Jul 2023 13:18
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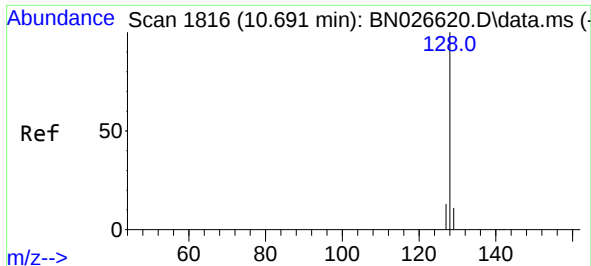
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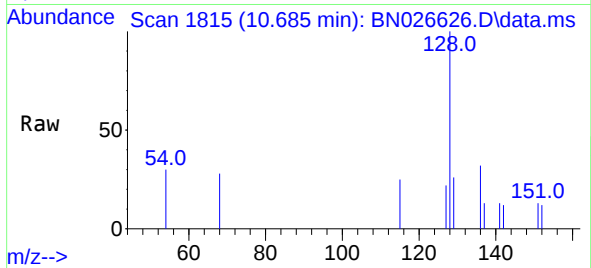
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.017 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

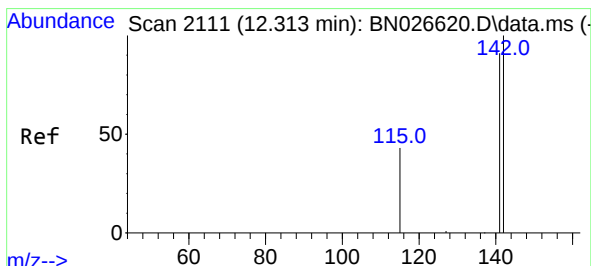
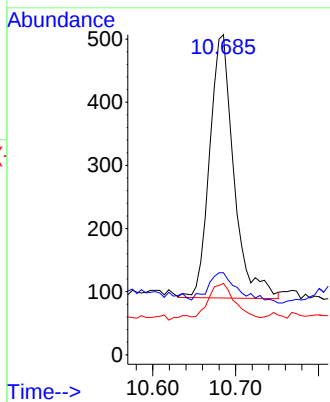
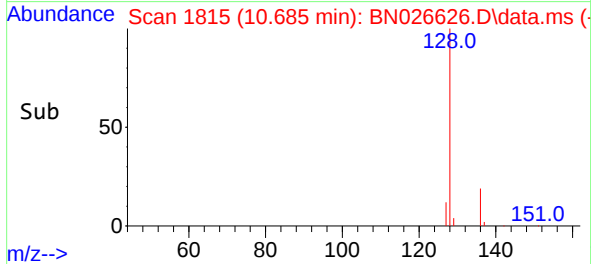
Instrument :
BNA_N
ClientSampleId :
A46Q2RE



Tgt Ion:128 Resp: 840
Ion Ratio Lower Upper
128 100
129 25.6 10.2 15.2
127 22.3 11.4 17.0

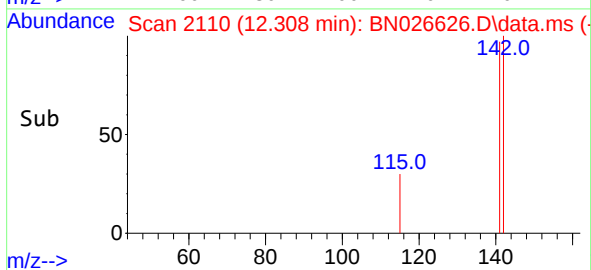
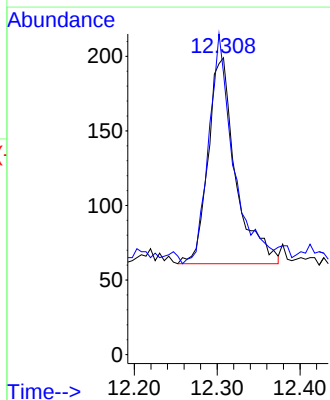
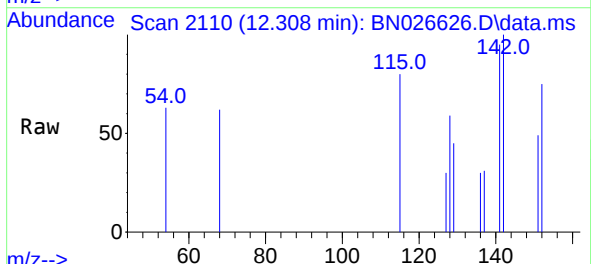
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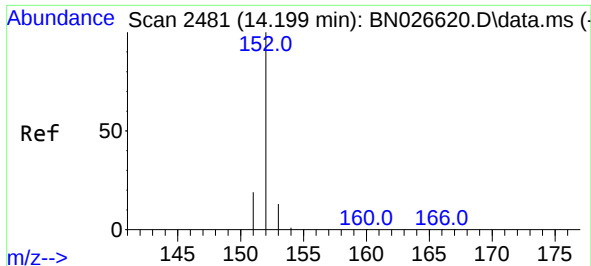
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

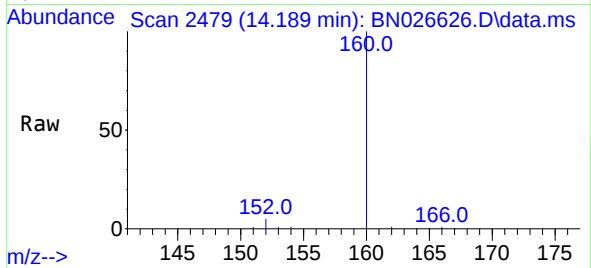
Tgt Ion:142 Resp: 319
Ion Ratio Lower Upper
142 100
141 100.6 72.3 108.5





#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.189 min Scan# 2481
Delta R.T. -0.014 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

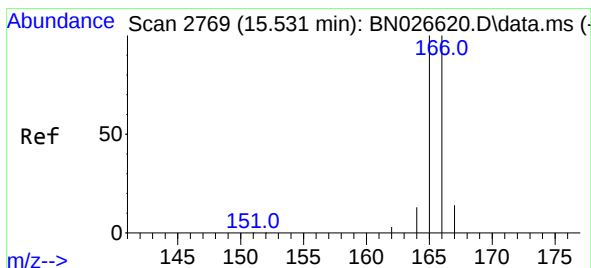
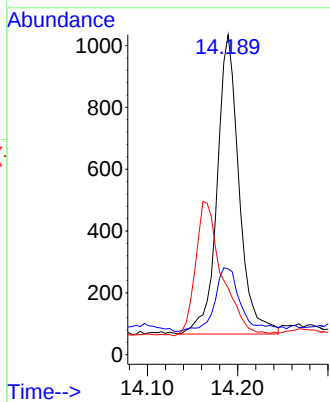
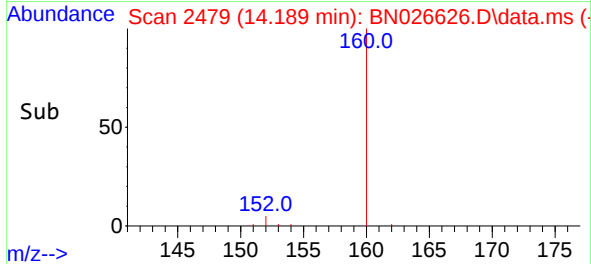
Instrument :
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ClientSampleId :
A46Q2RE



Tgt Ion:152 Resp: 163
Ion Ratio Lower Upper
152 100
151 26.9 17.0 25.6
153 20.9 11.4 17.2

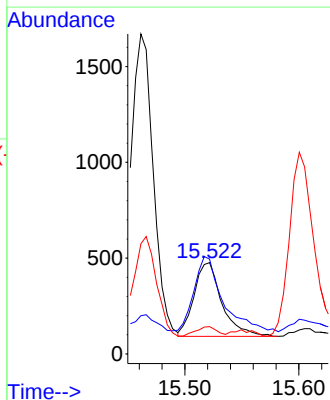
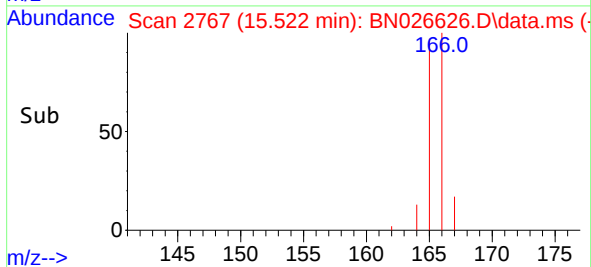
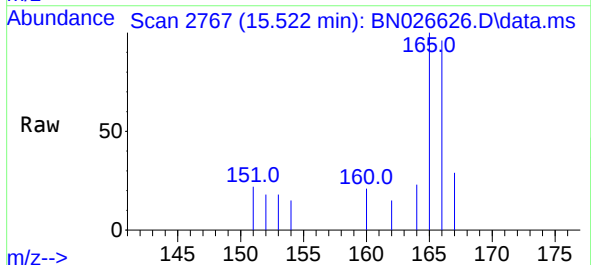
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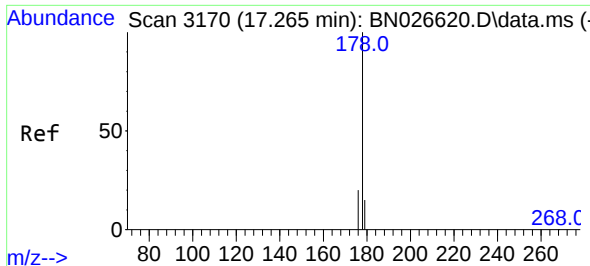
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

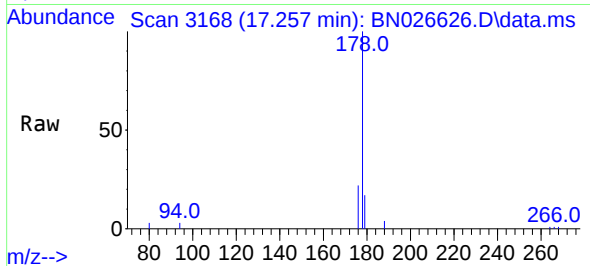
Tgt Ion:166 Resp: 653
Ion Ratio Lower Upper
166 100
165 103.8 80.6 120.8
167 30.0 12.0 18.0





#15
Phenanthrene
Concen: 0.263 ng/u1
RT: 17.257 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

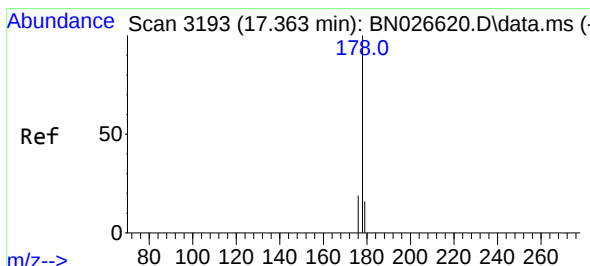
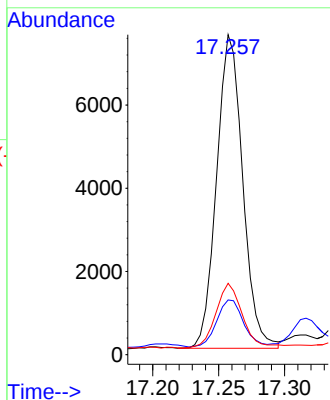
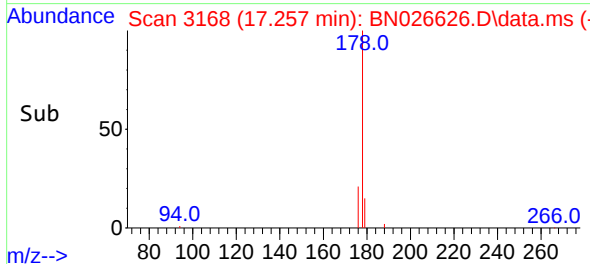
Instrument :
BNA_N
ClientSampleId :
A46Q2RE



Tgt Ion:178 Resp: 1038
Ion Ratio Lower Upper
178 100
179 17.1 13.7 20.5
176 22.3 16.5 24.7

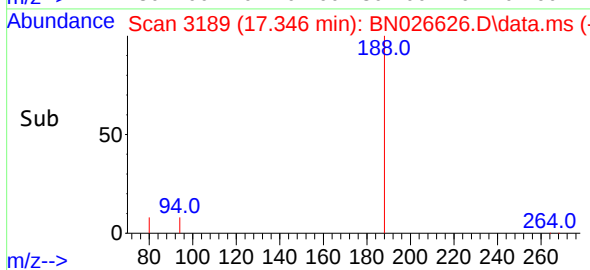
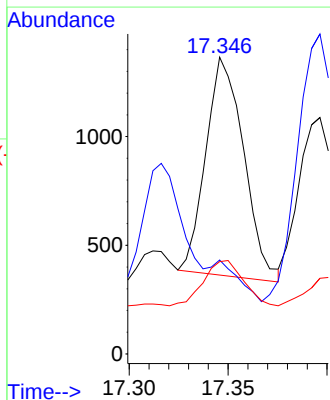
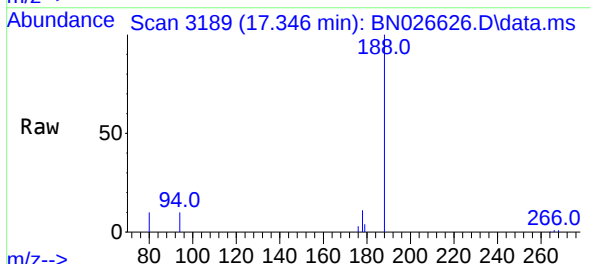
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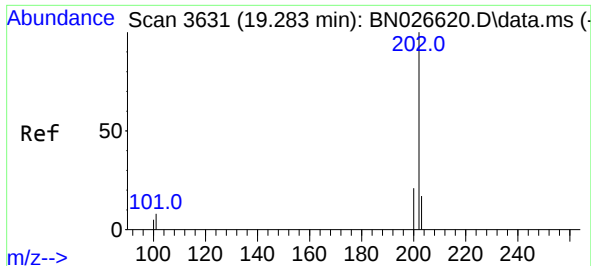
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#16
Anthracene
Concen: 0.039 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.021 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

Tgt Ion:178 Resp: 1333
Ion Ratio Lower Upper
178 100
179 31.6 14.8 22.2#
176 31.1 16.6 25.0#





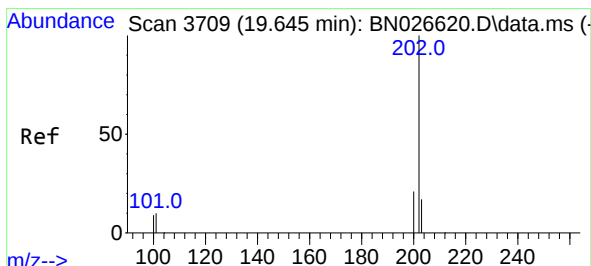
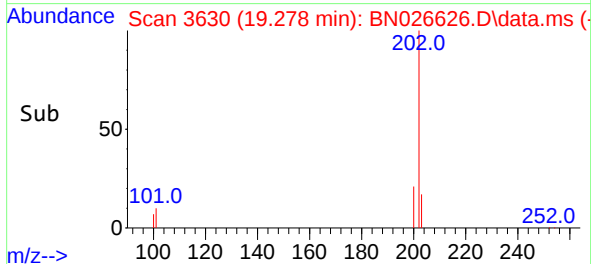
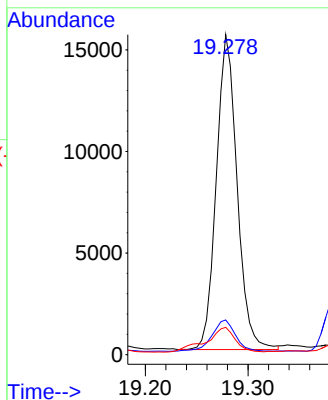
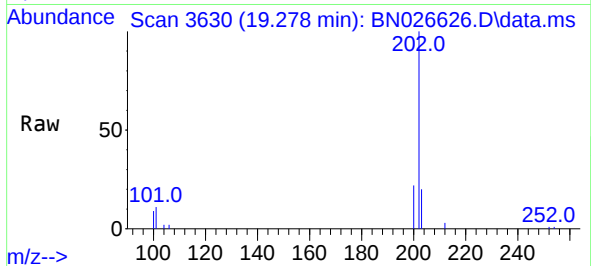
#19
Fluoranthene
Concen: 0.475 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

Instrument :
BNA_N
ClientSampleId :
A46Q2RE

Tgt Ion:202 Resp: 21800
Ion Ratio Lower Upper
202 100
101 10.9 7.0 10.4
100 8.6 6.0 9.0

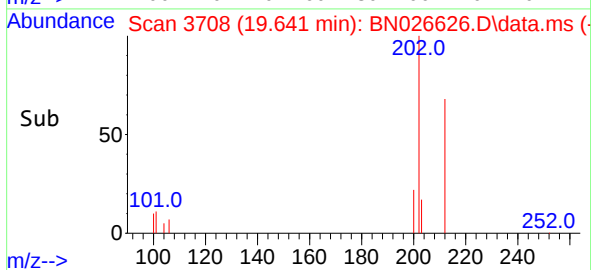
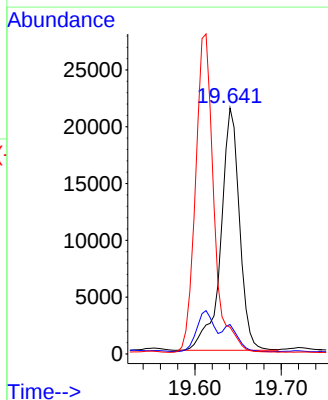
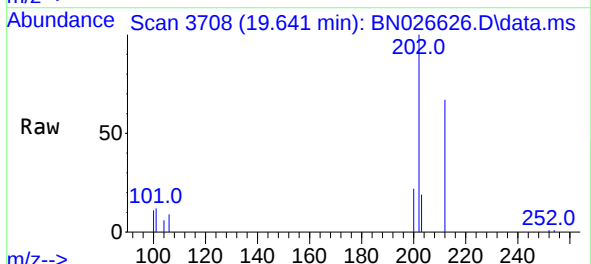
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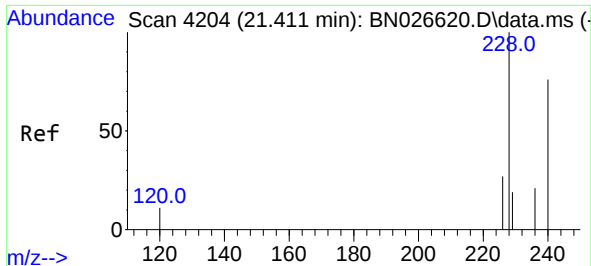
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 0.645 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

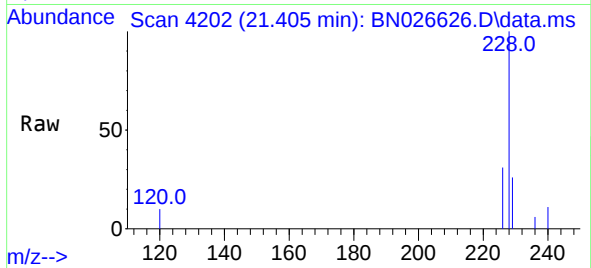
Tgt Ion:202 Resp: 32187
Ion Ratio Lower Upper
202 100
101 12.0 8.0 12.0
100 10.9 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.338 ng/ul m
RT: 21.405 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

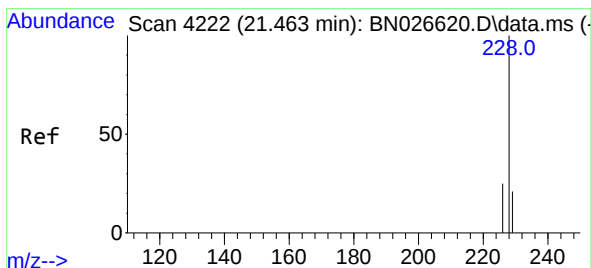
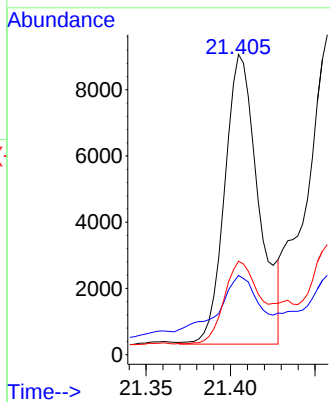
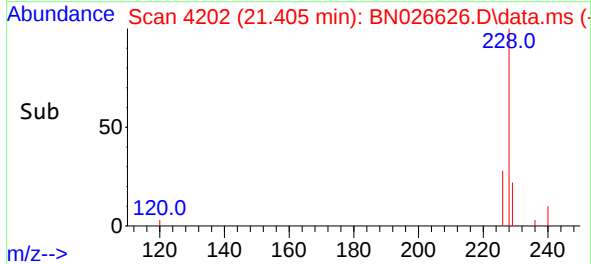
Instrument :
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Tgt Ion:228 Resp: 1217
Ion Ratio Lower Upper
228 100
229 26.4 16.7 25.1
226 31.1 23.5 35.3

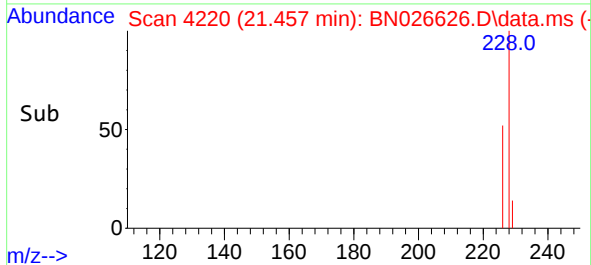
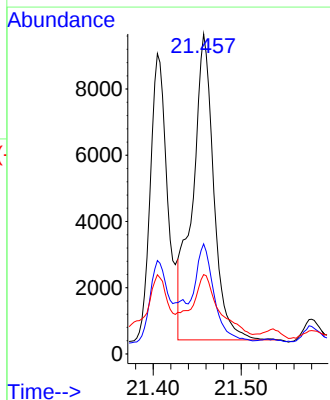
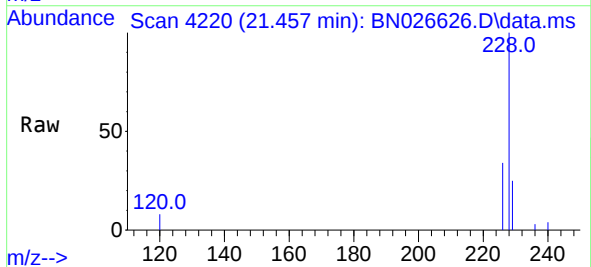
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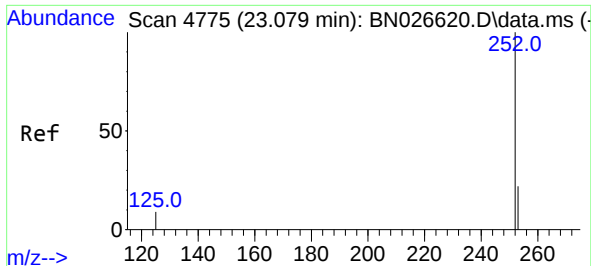
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.457 min Scan# 4220
Delta R.T. 0.006 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

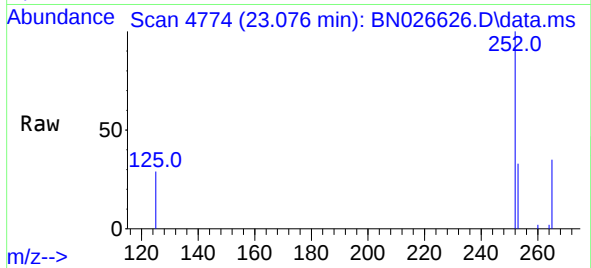
Tgt Ion:228 Resp: 15513
Ion Ratio Lower Upper
228 100
226 34.4 25.2 37.8
229 24.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul m
RT: 23.076 min Scan# 4775
Delta R.T. 0.009 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

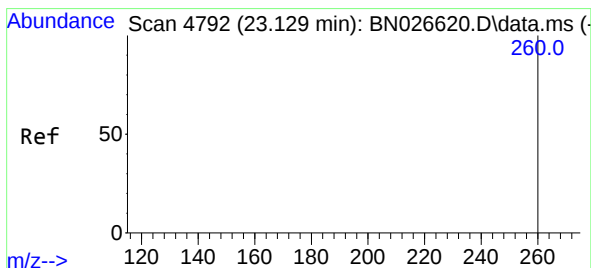
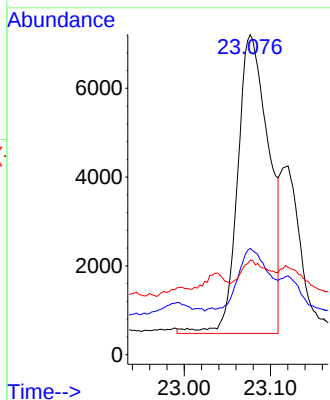
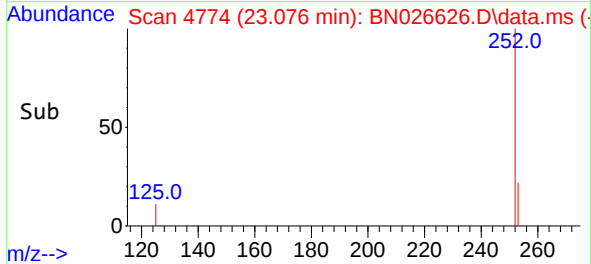
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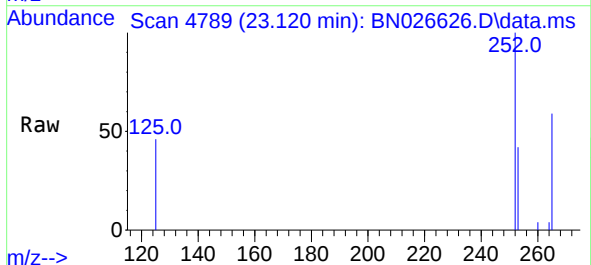
Tgt Ion:252 Resp: 1676
Ion Ratio Lower Upper
252 100
253 33.2 0.0 68.6
125 29.5 0.0 34.0

Manual Integrations
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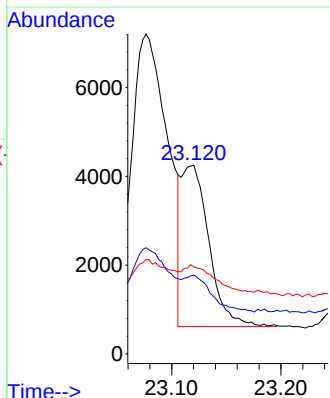
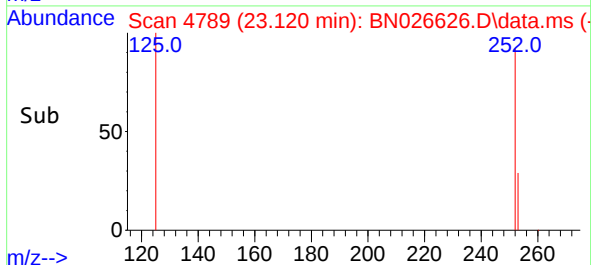
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

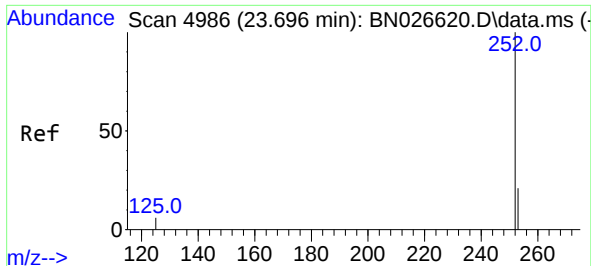


#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.120 min Scan# 4789
Delta R.T. 0.009 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18



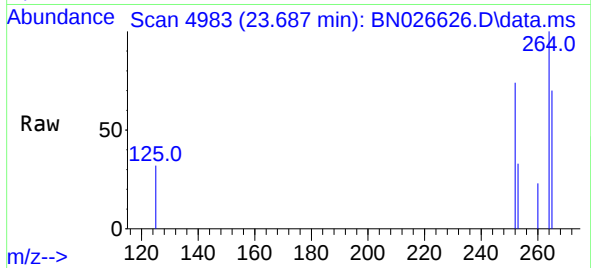
Tgt Ion:252 Resp: 6395
Ion Ratio Lower Upper
252 100
253 41.8 27.2 40.8#
125 46.1 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.687 min Scan# 4983
Delta R.T. 0.003 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

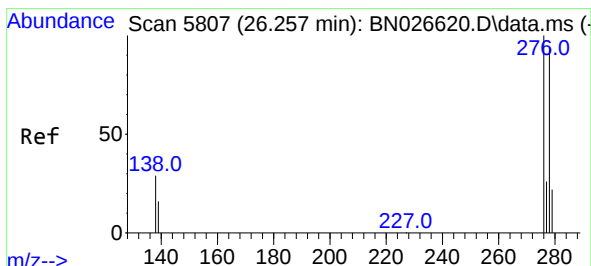
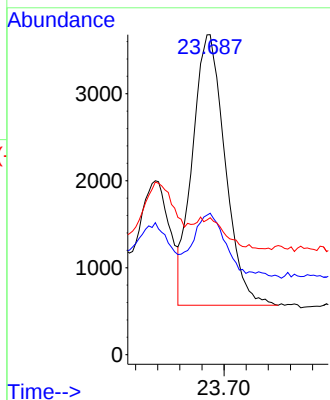
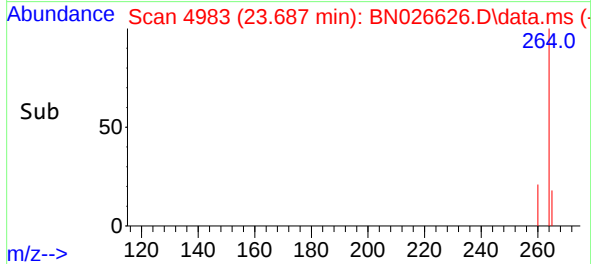
Instrument :
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Tgt Ion:252 Resp: 636
Ion Ratio Lower Upper
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125 42.8 19.3 28.9

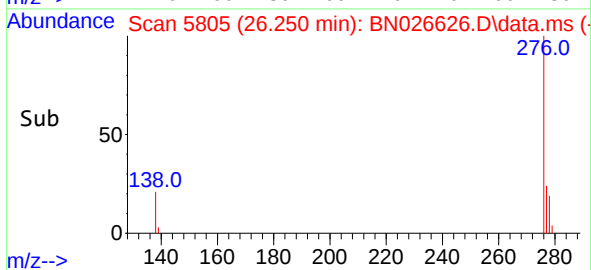
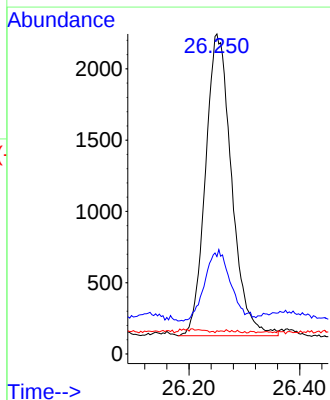
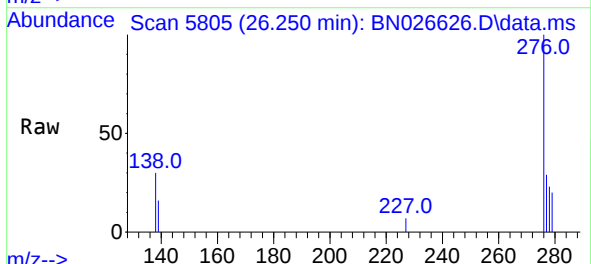
Manual Integrations
APPROVED

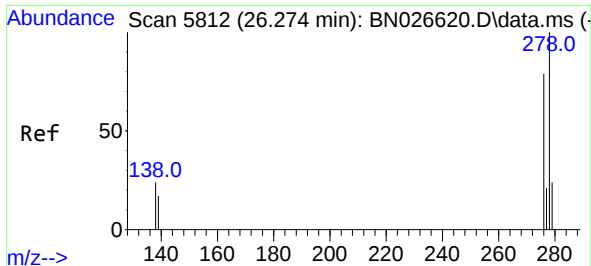
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 26.250 min Scan# 5805
Delta R.T. 0.003 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

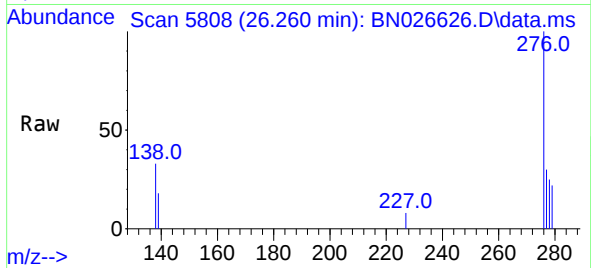
Tgt Ion:276 Resp: 6936
Ion Ratio Lower Upper
276 100
138 23.2 22.2 33.4
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.260 min Scan# 5808
Delta R.T. 0.003 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

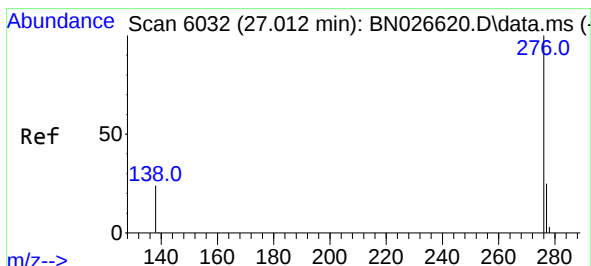
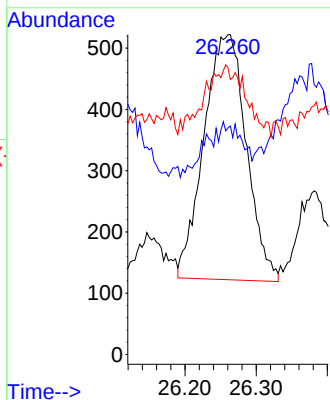
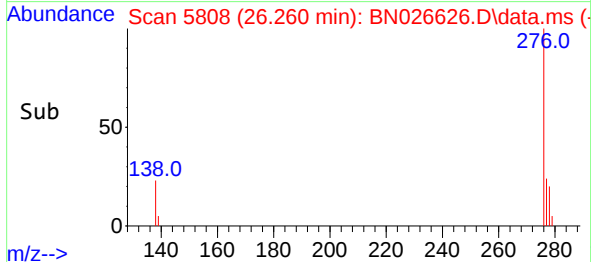
Instrument :
BNA_N
ClientSampleId :
A46Q2RE



Tgt Ion:278 Resp: 1660
Ion Ratio Lower Upper
278 100
139 70.9 18.9 28.3
279 89.7 31.3 46.9

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.182 ng/ul
RT: 27.008 min Scan# 6031
Delta R.T. 0.009 min
Lab File: BN026626.D
Acq: 21 Jul 2023 13:18

Tgt Ion:276 Resp: 6918
Ion Ratio Lower Upper
276 100
138 30.9 22.6 34.0
277 29.1 21.8 32.8

