

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026978.D
 Acq On : 19 Aug 2023 03:52
 Operator : MA/JU
 Sample : 03965-16DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 04:23:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	9777	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	30985	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	19851	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	44108	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	35877	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	32033	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5409	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1500	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	4041	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.514	178	17960	0.124	ng/ul	99
16) Anthracene	17.607	178	4489m	0.034	ng/ul	
19) Fluoranthene	19.520	202	47742	0.320	ng/ul	98
20) Pyrene	19.887	202	45933m	0.289	ng/ul	
21) Benzo(a)anthracene	21.629	228	22871	0.160	ng/ul	96
22) Chrysene	21.685	228	18343	0.130	ng/ul	97
24) Benzo(b)fluoranthene	23.401	252	25247m	0.208	ng/ul	
25) Benzo(k)fluoranthene	23.450	252	9353m	0.078	ng/ul	
26) Benzo(a)pyrene	24.070	252	17672	0.162	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.874	276	10646	0.074	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.891	278	2283	0.020	ng/ul#	31
29) Benzo(g,h,i)perylene	27.716	276	9148	0.077	ng/ul#	90

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

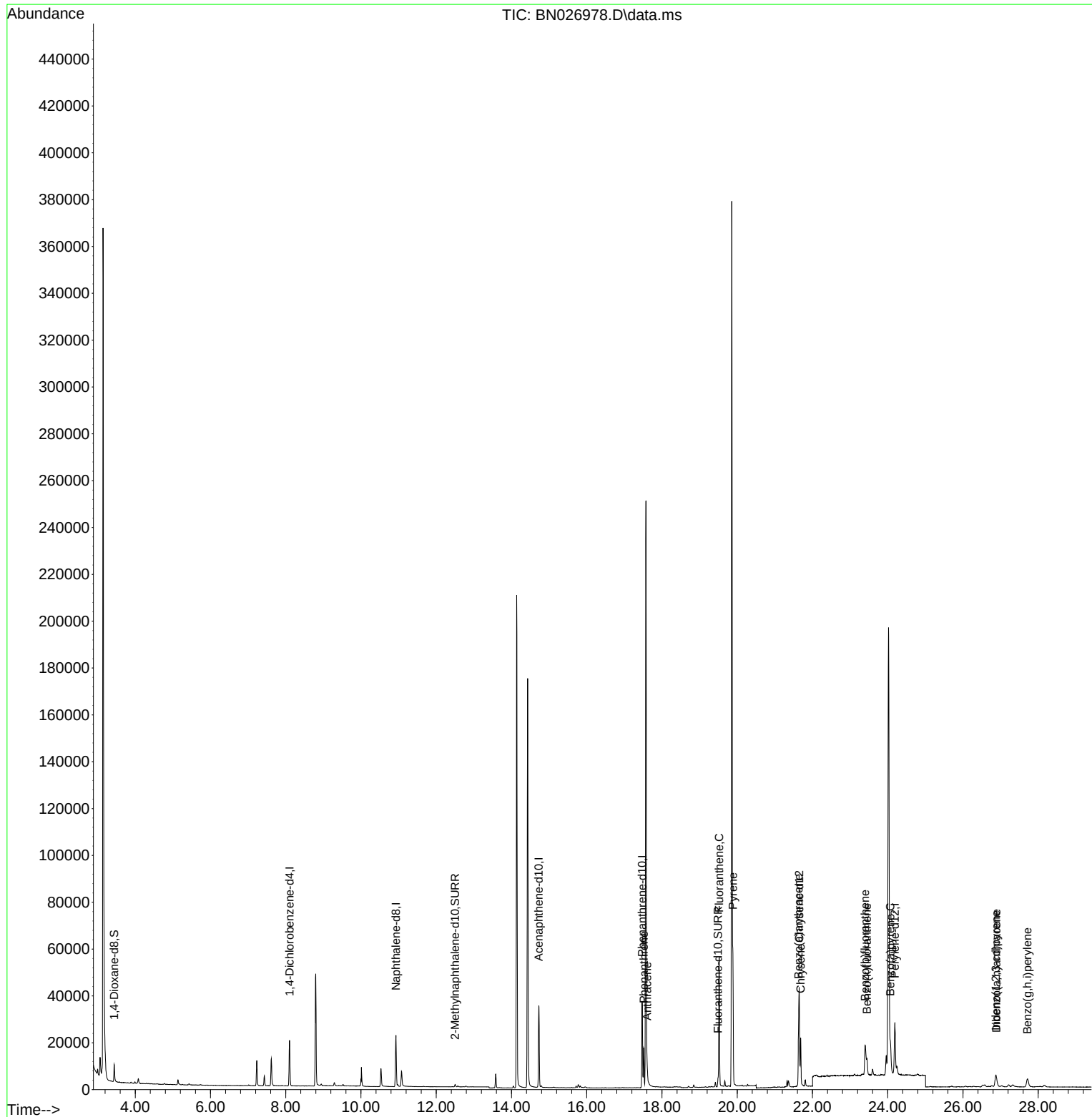
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026978.D
Acq On : 19 Aug 2023 03:52
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ALS Vial : 30 Sample Multiplier: 1

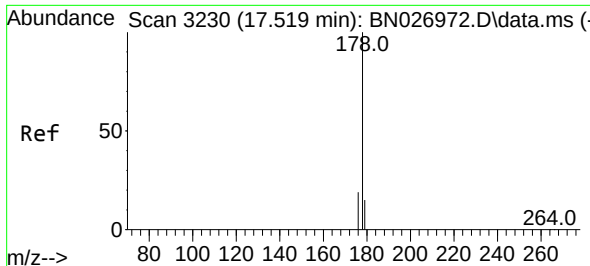
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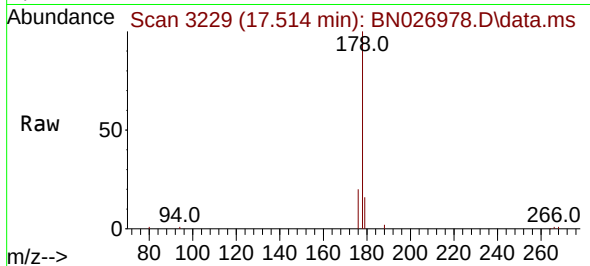
Quant Time: Aug 19 04:23:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.514 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

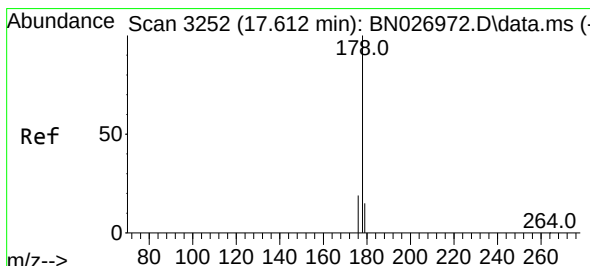
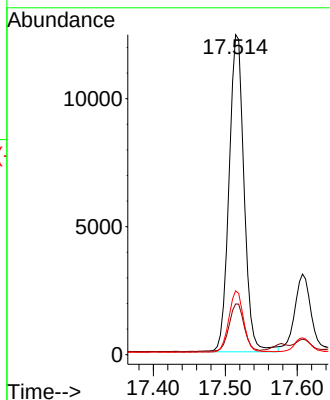
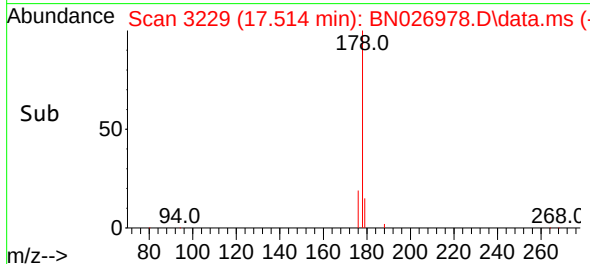
Instrument :
BNA_N
ClientSampleId :
A48L1DL



Tgt Ion:178 Resp: 17960
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 20.0 15.4 23.2

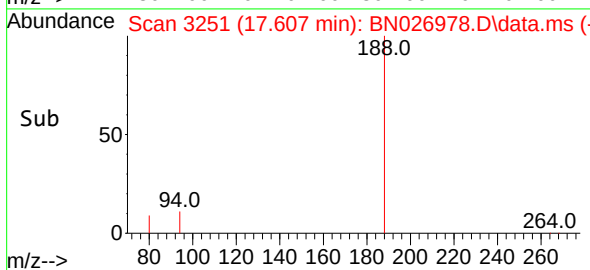
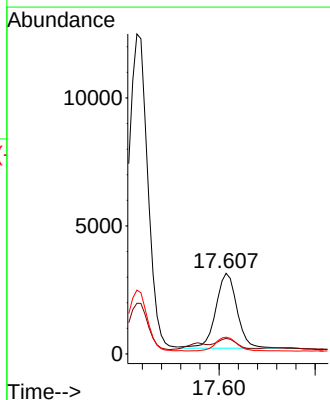
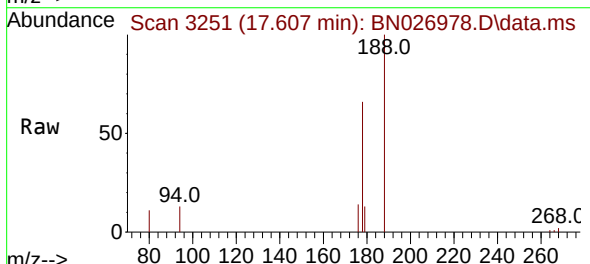
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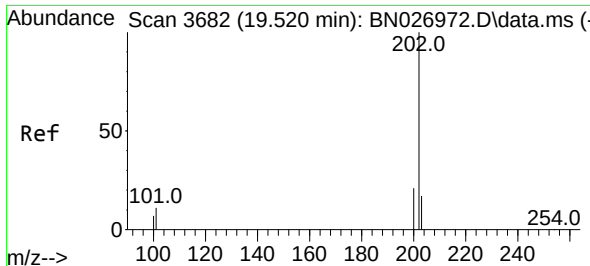
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#16
Anthracene
Concen: 0.034 ng/ul m
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

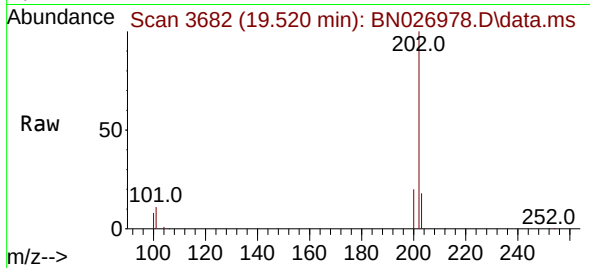
Tgt Ion:178 Resp: 4489
Ion Ratio Lower Upper
178 100
179 19.3 12.6 19.0#
176 20.9 15.0 22.6





#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

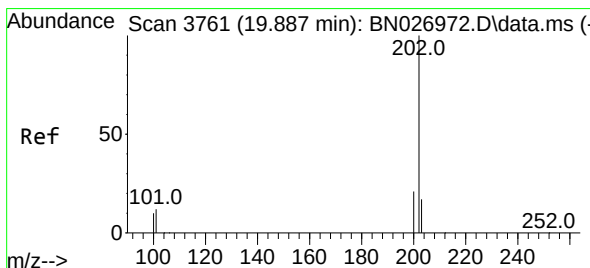
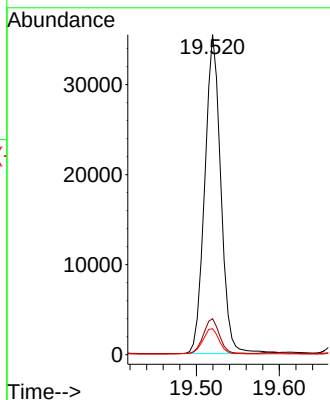
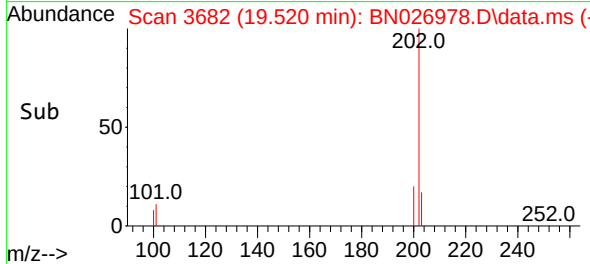
Instrument :
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ClientSampleId :
A48L1DL



Tgt Ion:202 Resp: 4774
Ion Ratio Lower Upper
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101 11.2 8.3 12.5
100 8.1 6.2 9.2

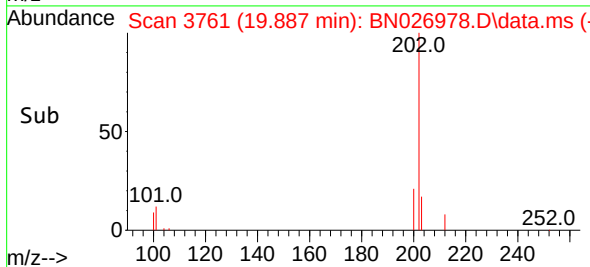
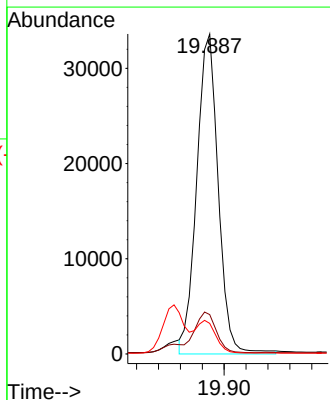
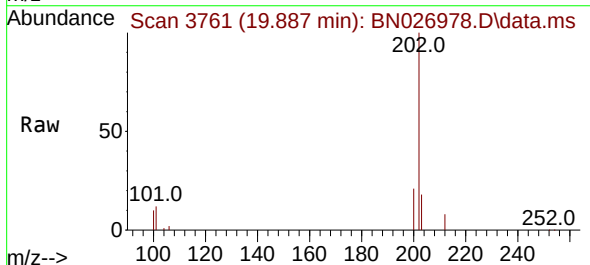
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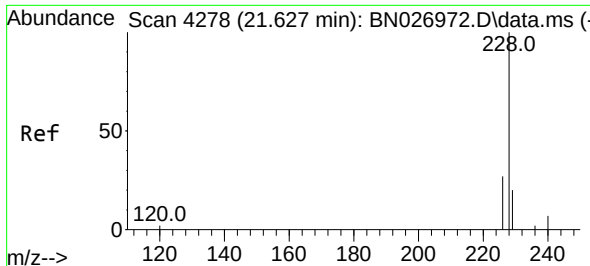
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#20
Pyrene
Concen: 0.289 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

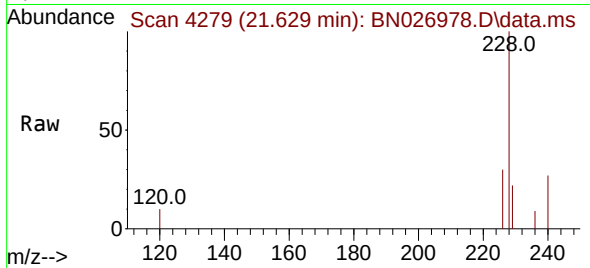
Tgt Ion:202 Resp: 45933
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.160 ng/u1
RT: 21.629 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

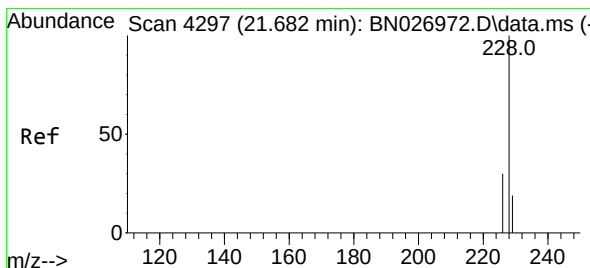
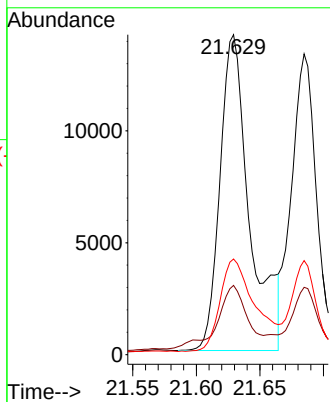
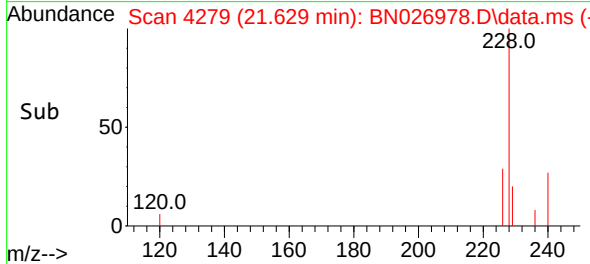
Instrument :
BNA_N
ClientSampleId :
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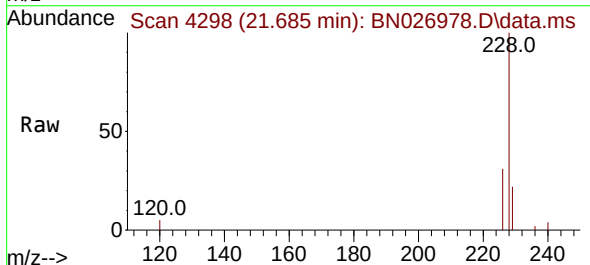
Tgt Ion:228 Resp: 2287
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 29.9 22.2 33.2

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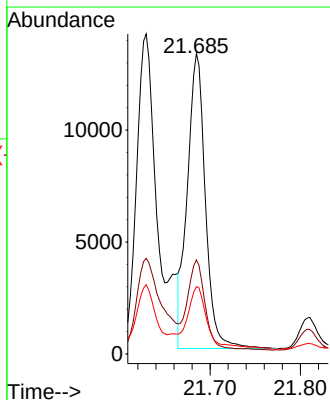
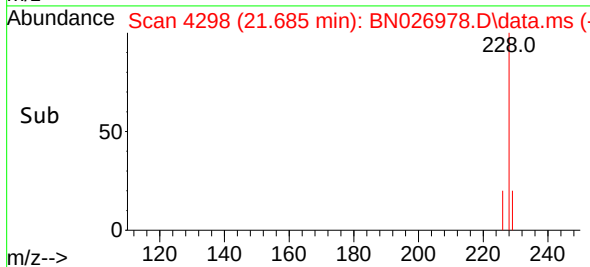
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

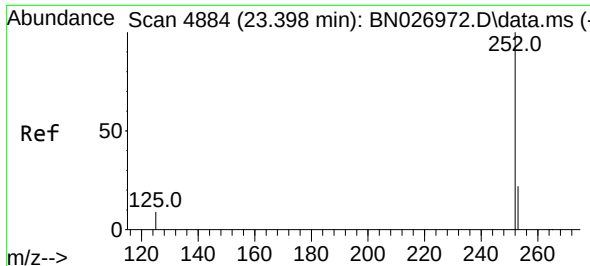


#22
Chrysene
Concen: 0.130 ng/u1
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52



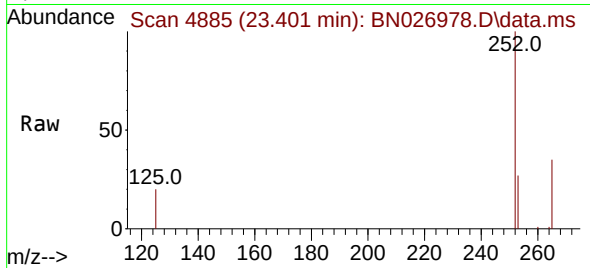
Tgt Ion:228 Resp: 18343
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.208 ng/ul m
RT: 23.401 min Scan# 4885
Delta R.T. -0.006 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

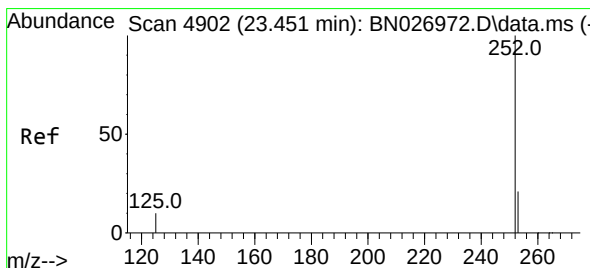
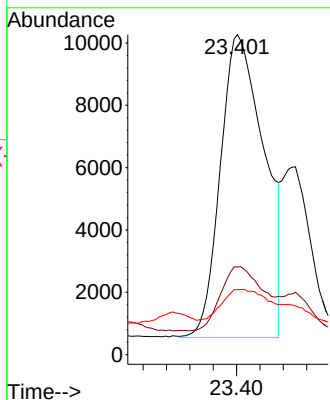
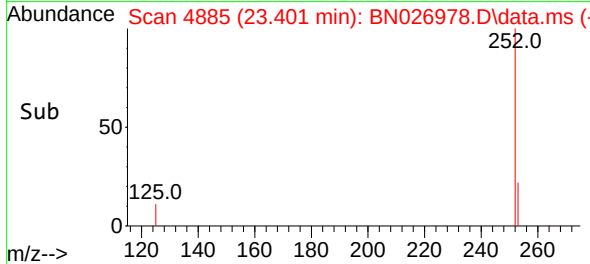
Instrument :
BNA_N
ClientSampleId :
A48L1DL



Tgt Ion:252 Resp: 2524
Ion Ratio Lower Upper
252 100
253 27.4 0.0 46.8
125 20.3 0.0 25.2

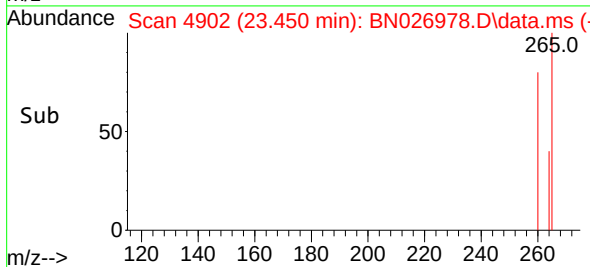
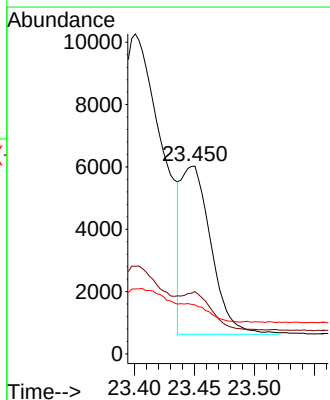
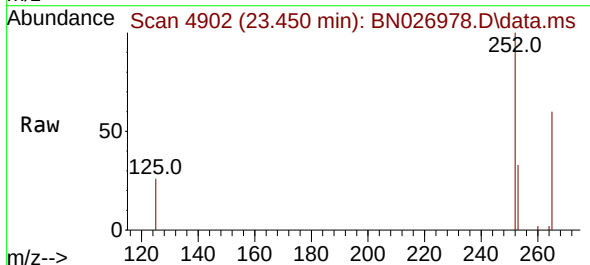
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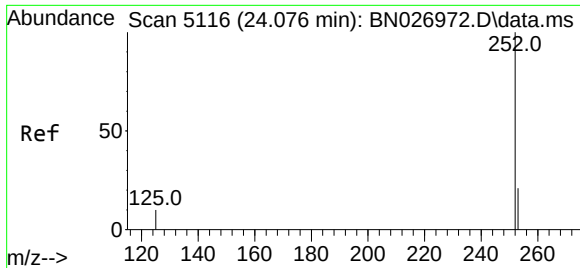
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.078 ng/ul m
RT: 23.450 min Scan# 4902
Delta R.T. -0.009 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

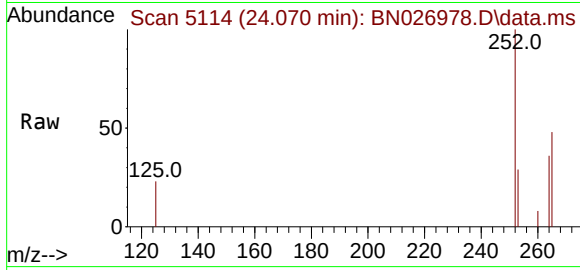
Tgt Ion:252 Resp: 9353
Ion Ratio Lower Upper
252 100
253 33.2 18.2 27.4#
125 26.0 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 0.162 ng/ul
RT: 24.070 min Scan# 5116
Delta R.T. -0.015 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

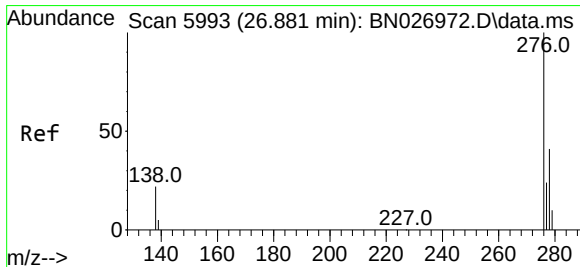
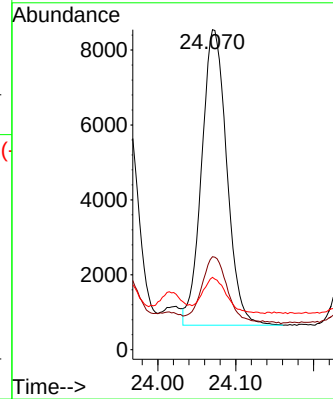
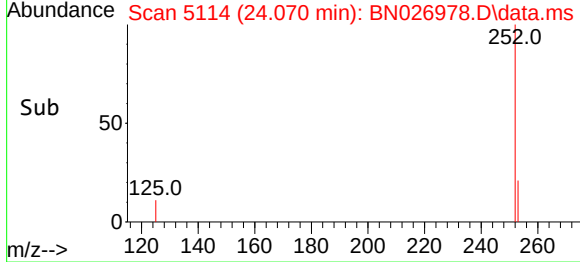
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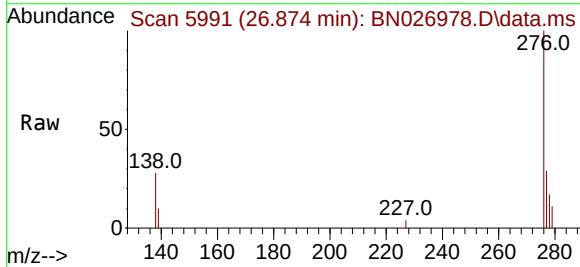
Tgt Ion:252 Resp: 17672
Ion Ratio Lower Upper
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253 29.1 19.0 28.6
125 22.6 11.4 17.0

Manual Integrations
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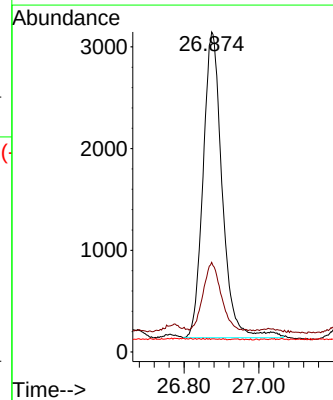
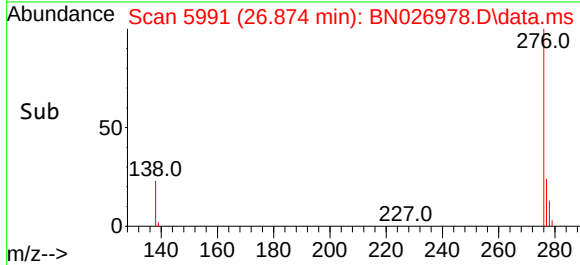
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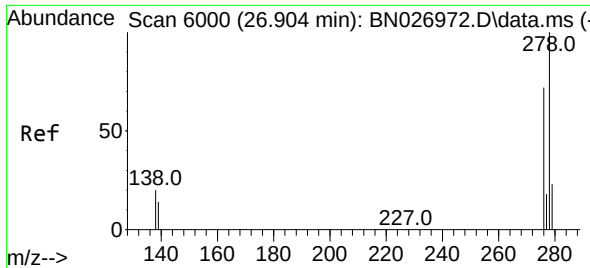


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.074 ng/ul
RT: 26.874 min Scan# 5991
Delta R.T. -0.011 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52



Tgt Ion:276 Resp: 10646
Ion Ratio Lower Upper
276 100
138 20.6 21.6 32.4#
227 0.1 0.0 0.0#





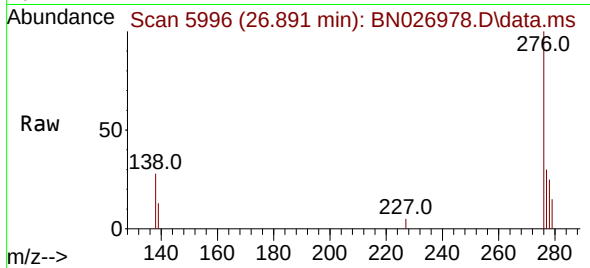
#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. -0.031 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

Instrument :

BNA_N

ClientSampleId :

A48L1DL

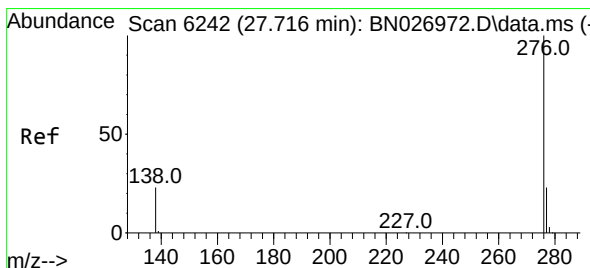
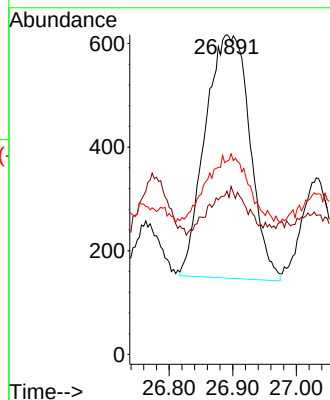


Tgt Ion:278 Resp: 228
Ion Ratio Lower Upper
278 100
139 51.1 15.7 23.5
279 60.5 20.2 30.4

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.077 ng/ul
RT: 27.716 min Scan# 6242
Delta R.T. -0.008 min
Lab File: BN026978.D
Acq: 19 Aug 2023 03:52

Tgt Ion:276 Resp: 9148
Ion Ratio Lower Upper
276 100
138 29.5 19.3 28.9
277 29.2 19.8 29.8

