

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026096.D
 Acq On : 29 Jun 2023 16:02
 Operator : MA/JU
 Sample : 03142-02DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:44:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	8066	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	26553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	29521	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	15926	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	16102	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	5405	0.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	1435	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	2734	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.393	178	16306	0.167	ng/ul	98
16) Anthracene	17.486	178	1926	0.022	ng/ul#	79
19) Fluoranthene	19.410	202	57053	0.671	ng/ul	99
20) Pyrene	19.772	202	50491	0.571	ng/ul	97
21) Benzo(a)anthracene	21.526	228	20917	0.318	ng/ul	95
22) Chrysene	21.575	228	32841	0.480	ng/ul	96
24) Benzo(b)fluoranthene	23.247	252	50034m	0.728	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	18172m	0.263	ng/ul	
26) Benzo(a)pyrene	23.885	252	27340	0.458	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.557	276	26484	0.406	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.564	278	6076	0.123	ng/ul#	62
29) Benzo(g,h,i)perylene	27.342	276	26435	0.456	ng/ul	98

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

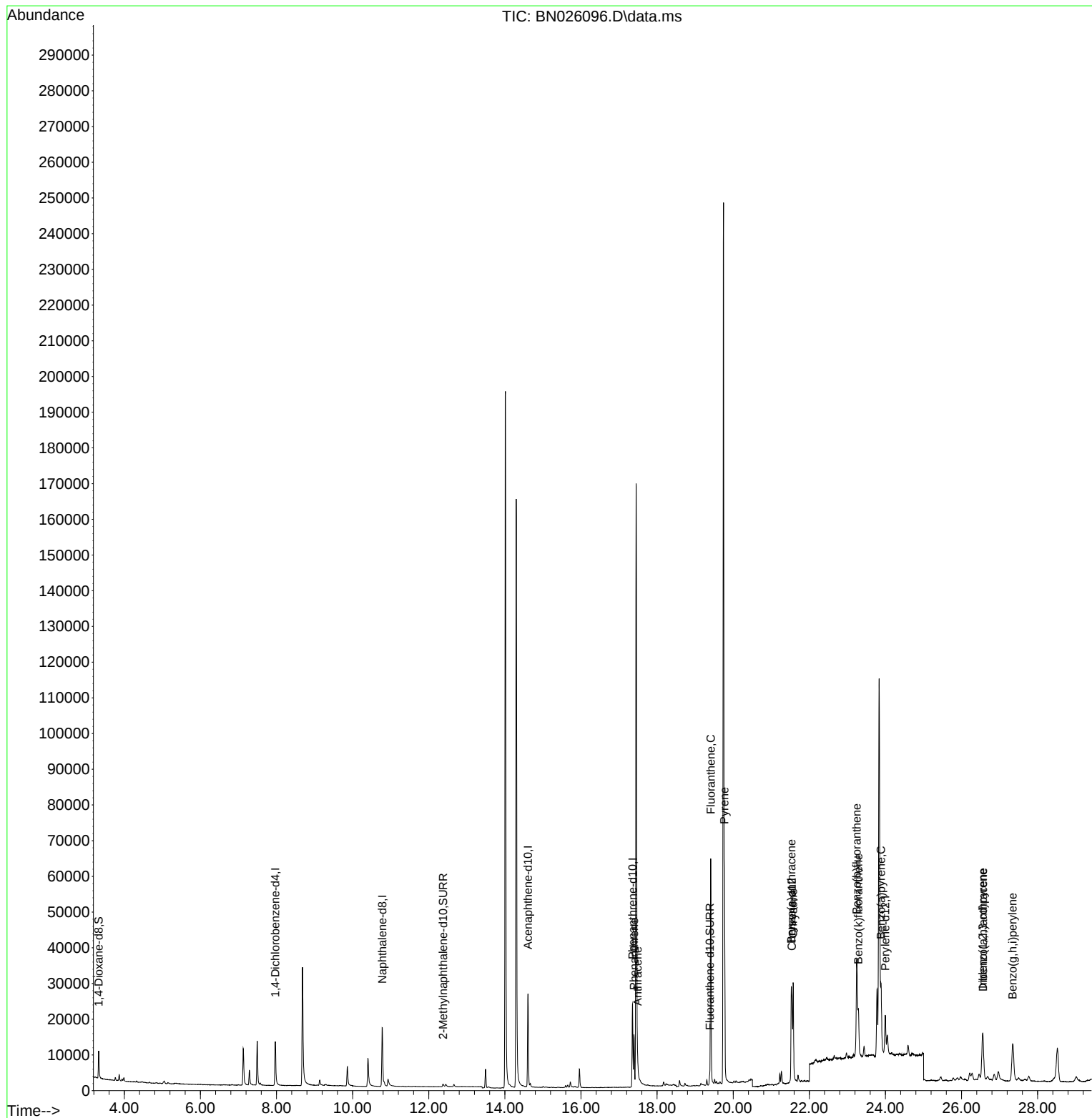
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026096.D
Acq On : 29 Jun 2023 16:02
Operator : MA/JU
Sample : 03142-02DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

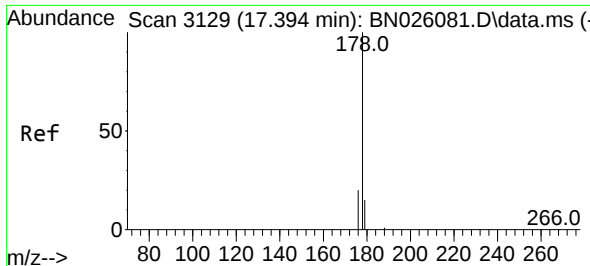
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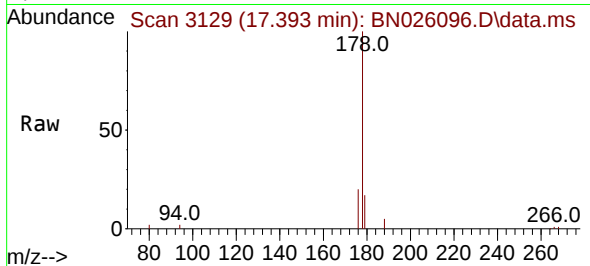
Quant Time: Jun 30 00:44:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#15
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

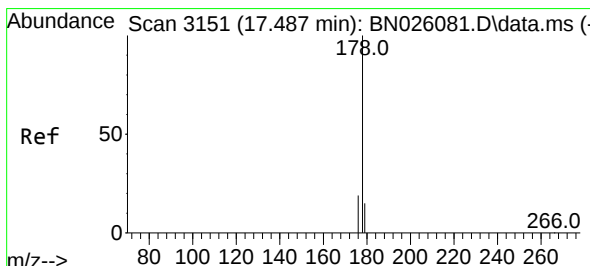
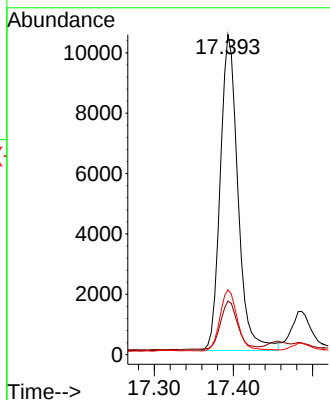
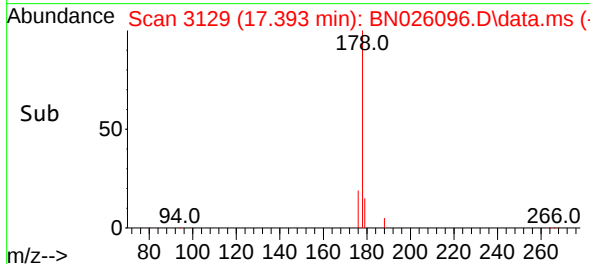
Instrument :
BNA_N
ClientSampleId :
DCFS1DL



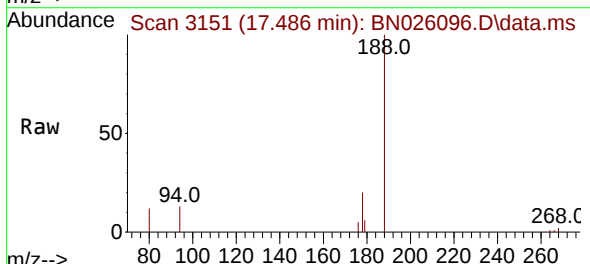
Tgt Ion:178 Resp: 16300
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 20.3 15.8 23.6

Manual Integrations
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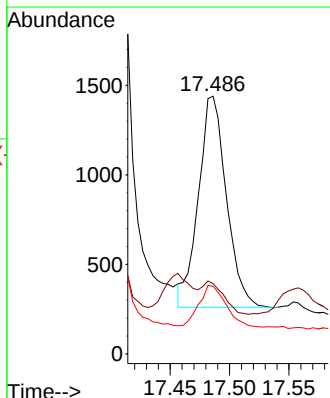
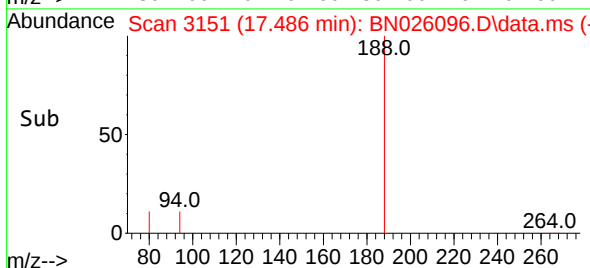
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

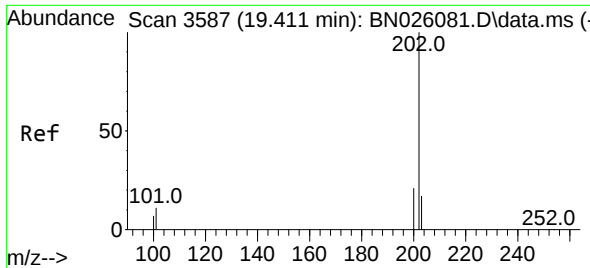


#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02



Tgt Ion:178 Resp: 1926
Ion Ratio Lower Upper
178 100
179 27.3 12.6 18.8#
176 26.3 15.1 22.7#





#19

Fluoranthene

Concen: 0.671 ng/ul

RT: 19.410 min Scan# 3587

Delta R.T. -0.005 min

Lab File: BN026096.D

Acq: 29 Jun 2023 16:02

Instrument :

BNA_N

ClientSampleId :

DCFS1DL

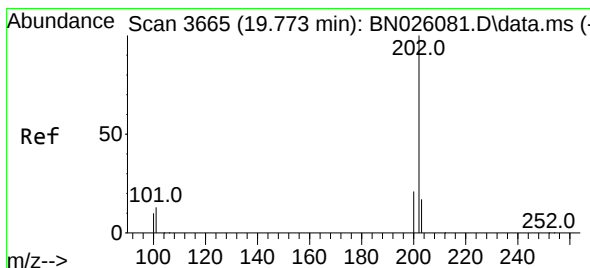
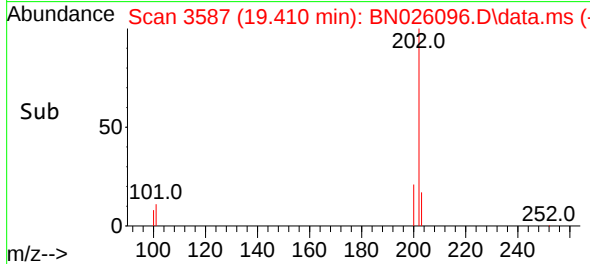
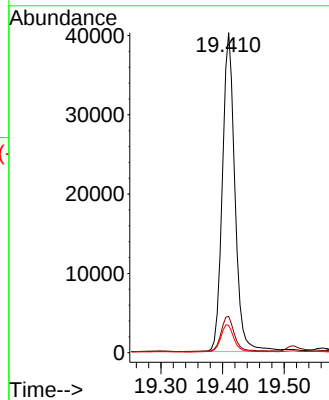
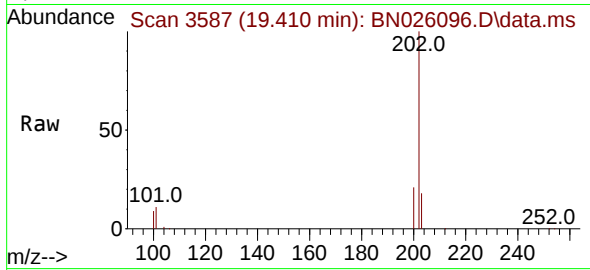
Tgt Ion:	202	Resp:	5705
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.5	14.3
100	8.6	7.3	10.9

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#20

Pyrene

Concen: 0.571 ng/ul

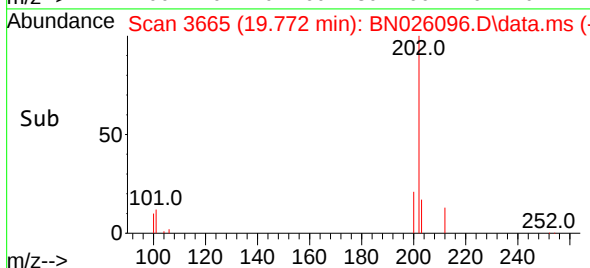
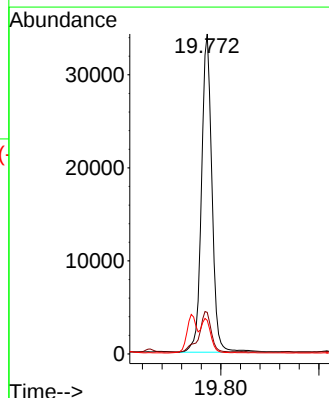
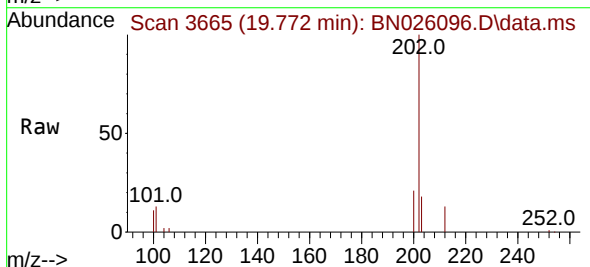
RT: 19.772 min Scan# 3665

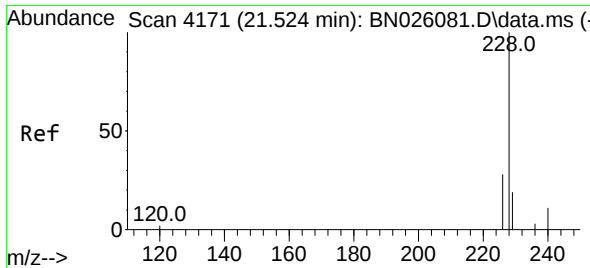
Delta R.T. -0.005 min

Lab File: BN026096.D

Acq: 29 Jun 2023 16:02

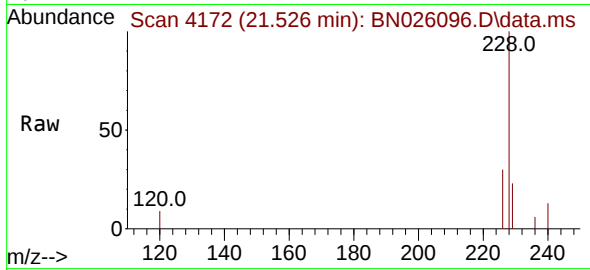
Tgt Ion:	202	Resp:	50491
Ion Ratio	Lower	Upper	
202	100		
101	13.0	11.4	17.0
100	10.5	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.526 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

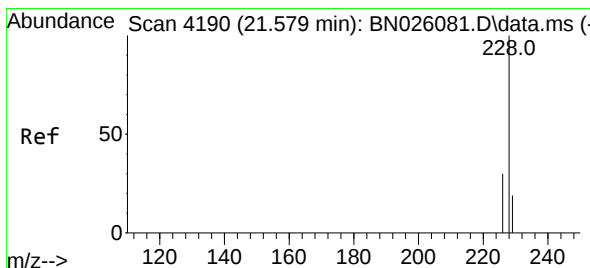
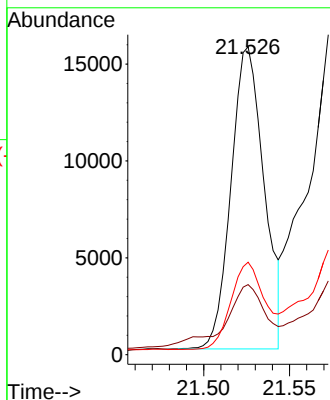
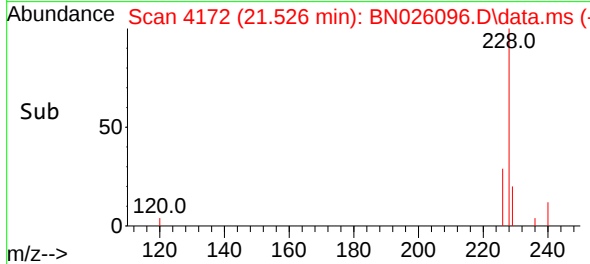
Instrument :
BNA_N
ClientSampleId :
DCFS1DL



Tgt Ion:228 Resp: 2091
Ion Ratio Lower Upper
228 100
229 22.8 15.8 23.6
226 30.0 22.5 33.7

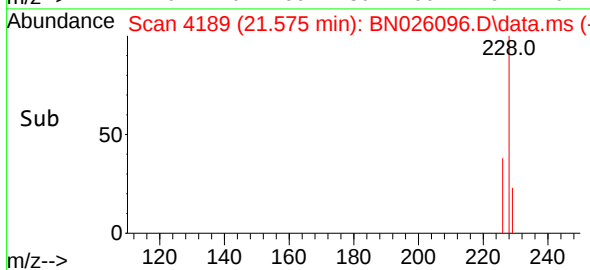
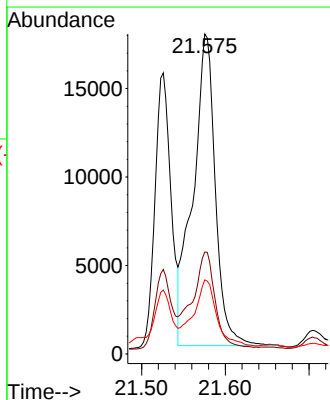
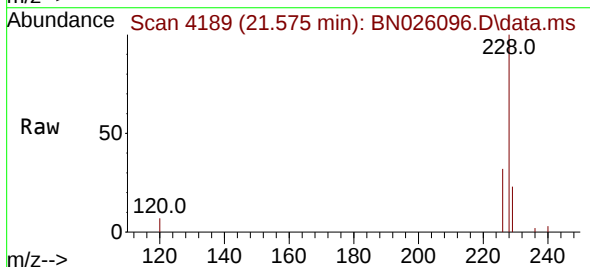
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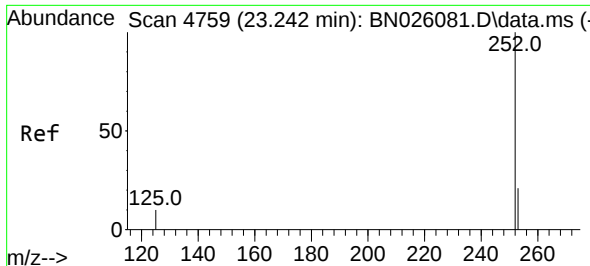
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 0.480 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

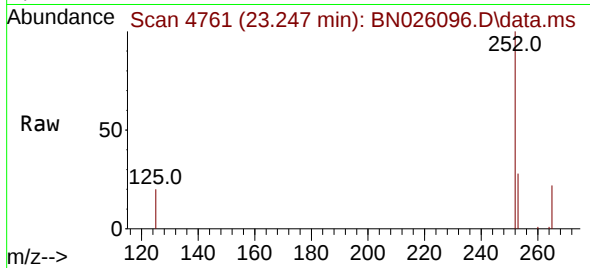
Tgt Ion:228 Resp: 32841
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 23.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.728 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

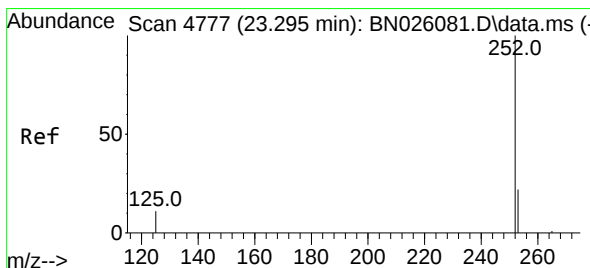
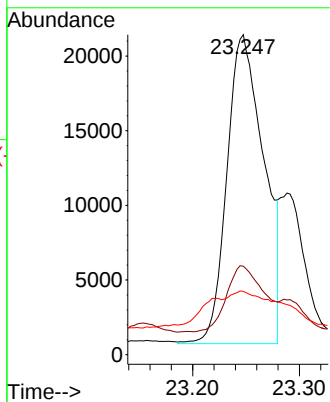
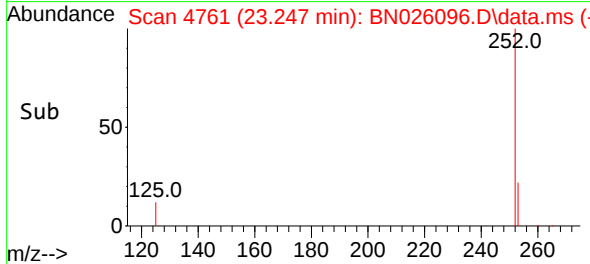
Instrument :
BNA_N
ClientSampleId :
DCFS1DL



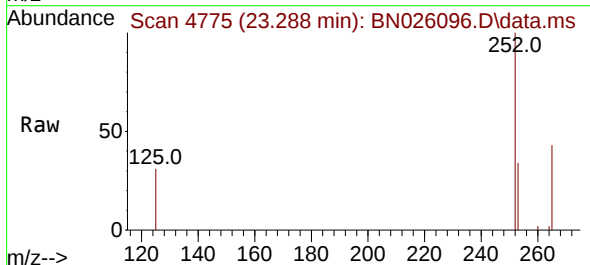
Tgt Ion:252 Resp: 50034
Ion Ratio Lower Upper
252 100
253 27.7 0.0 55.6
125 19.8 0.0 35.8

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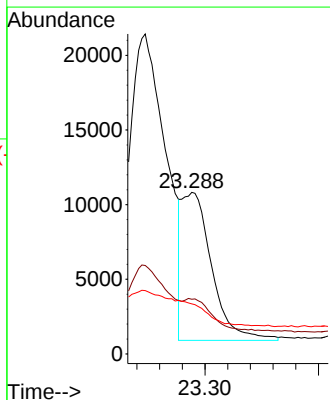
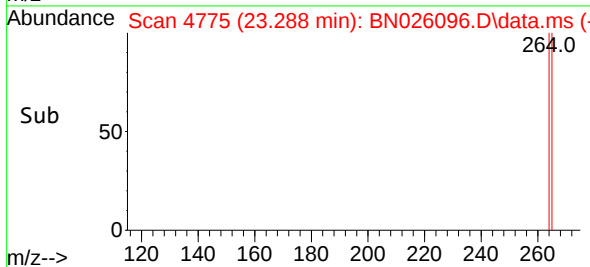
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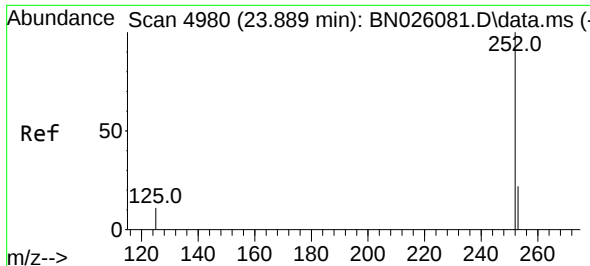


#25
Benzo(k)fluoranthene
Concen: 0.263 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.015 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02



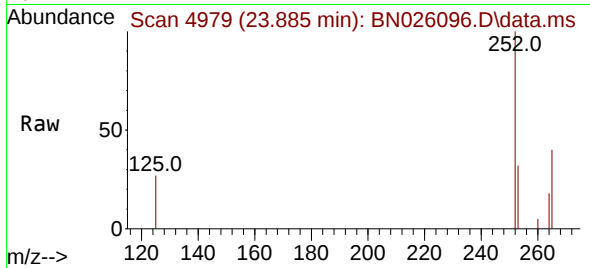
Tgt Ion:252 Resp: 18172
Ion Ratio Lower Upper
252 100
253 33.8 23.2 34.8
125 31.0 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.458 ng/ul
RT: 23.885 min Scan# 4980
Delta R.T. -0.021 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

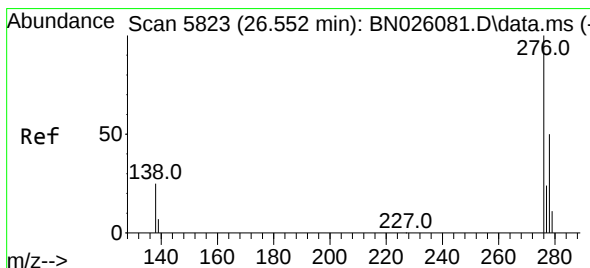
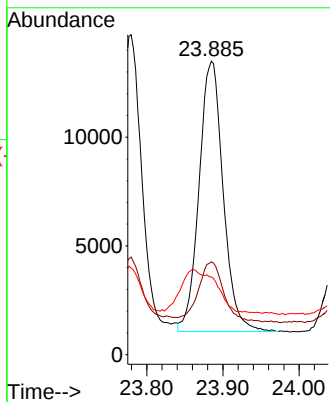
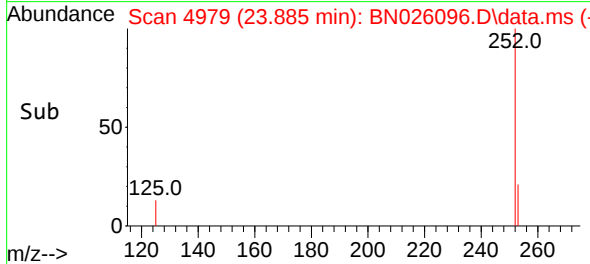
Instrument :
BNA_N
ClientSampleId :
DCFS1DL



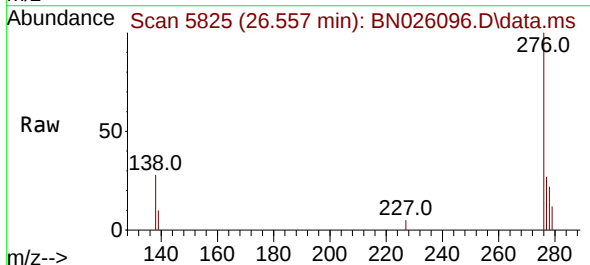
Tgt Ion:252 Resp: 27340
Ion Ratio Lower Upper
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253 31.7 26.0 39.0
125 26.5 17.3 25.9

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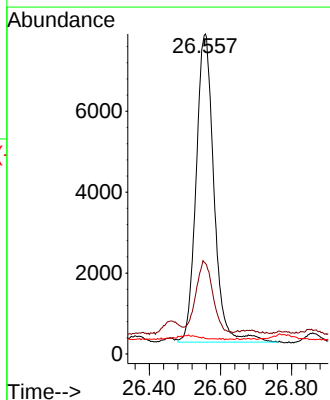
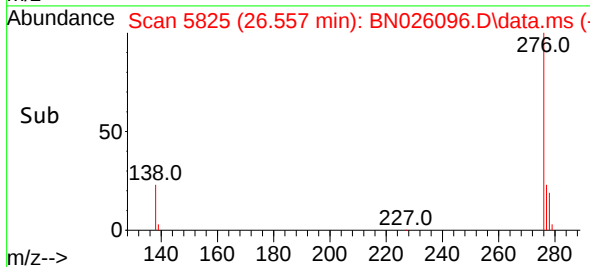
Reviewed By :Yogesh Patel 06/30/2023
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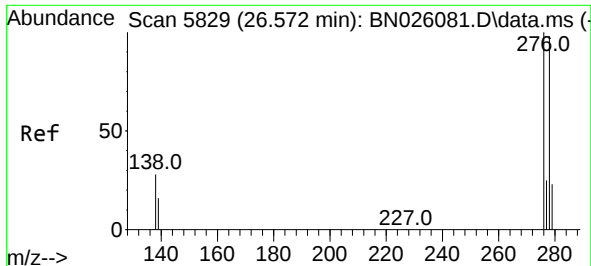


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.037 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02



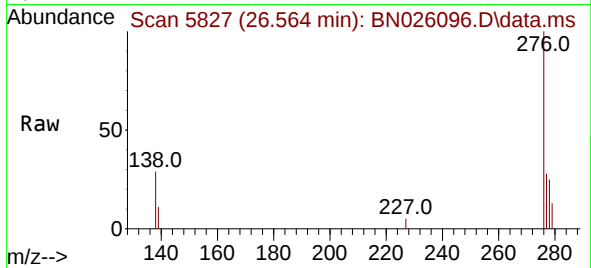
Tgt Ion:276 Resp: 26484
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.050 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

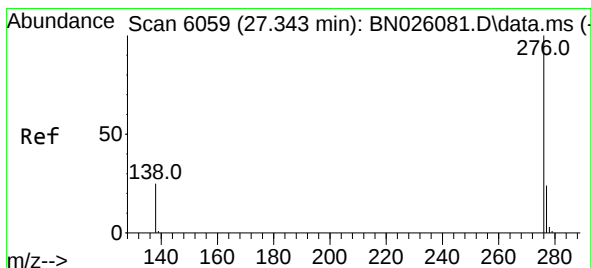
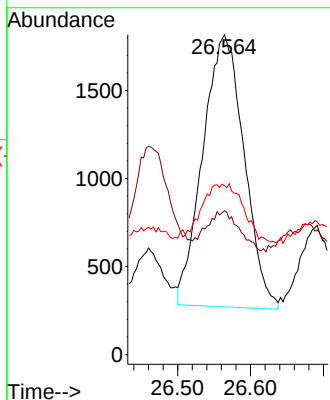
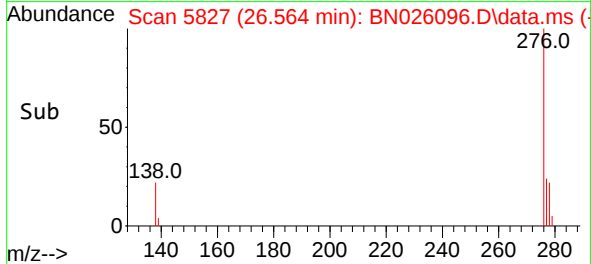
Instrument :
BNA_N
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DCFS1DL



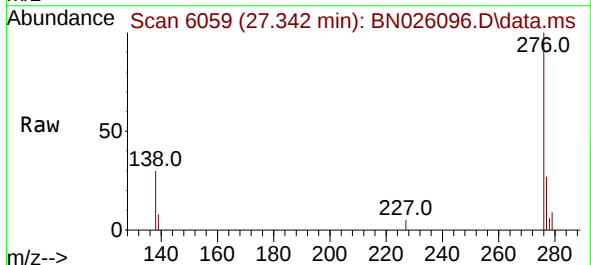
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Ion Ratio Lower Upper
278 100
139 45.0 19.0 28.4
279 52.8 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 27.342 min Scan# 6059
Delta R.T. -0.044 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02



Tgt Ion:276 Resp: 26435
Ion Ratio Lower Upper
276 100
138 29.7 23.4 35.0
277 26.9 20.0 30.0

