

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025997.D
 Acq On : 24 Jun 2023 09:34
 Operator : MA/JU
 Sample : 03085-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:48:24 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	8868	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	28089	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.613	164	17346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	37580	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	23445	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	20617	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	21305	2.133	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	6745	0.156	ng/ul	0.00
18) Fluoranthene-d10	19.388	212	16449	0.184	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.403	178	11205	0.090	ng/ul	98
19) Fluoranthene	19.415	202	33982	0.271	ng/ul#	75
20) Pyrene	19.778	202	29115m	0.224	ng/ul	
21) Benzo(a)anthracene	21.530	228	13600	0.141	ng/ul#	88
22) Chrysene	21.582	228	18661	0.185	ng/ul#	89
24) Benzo(b)fluoranthene	23.254	252	24817m	0.282	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	8556m	0.097	ng/ul	
26) Benzo(a)pyrene	23.895	252	13910	0.182	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.579	276	13294	0.159	ng/ul#	44
29) Benzo(g,h,i)perylene	27.367	276	12370	0.167	ng/ul#	84

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

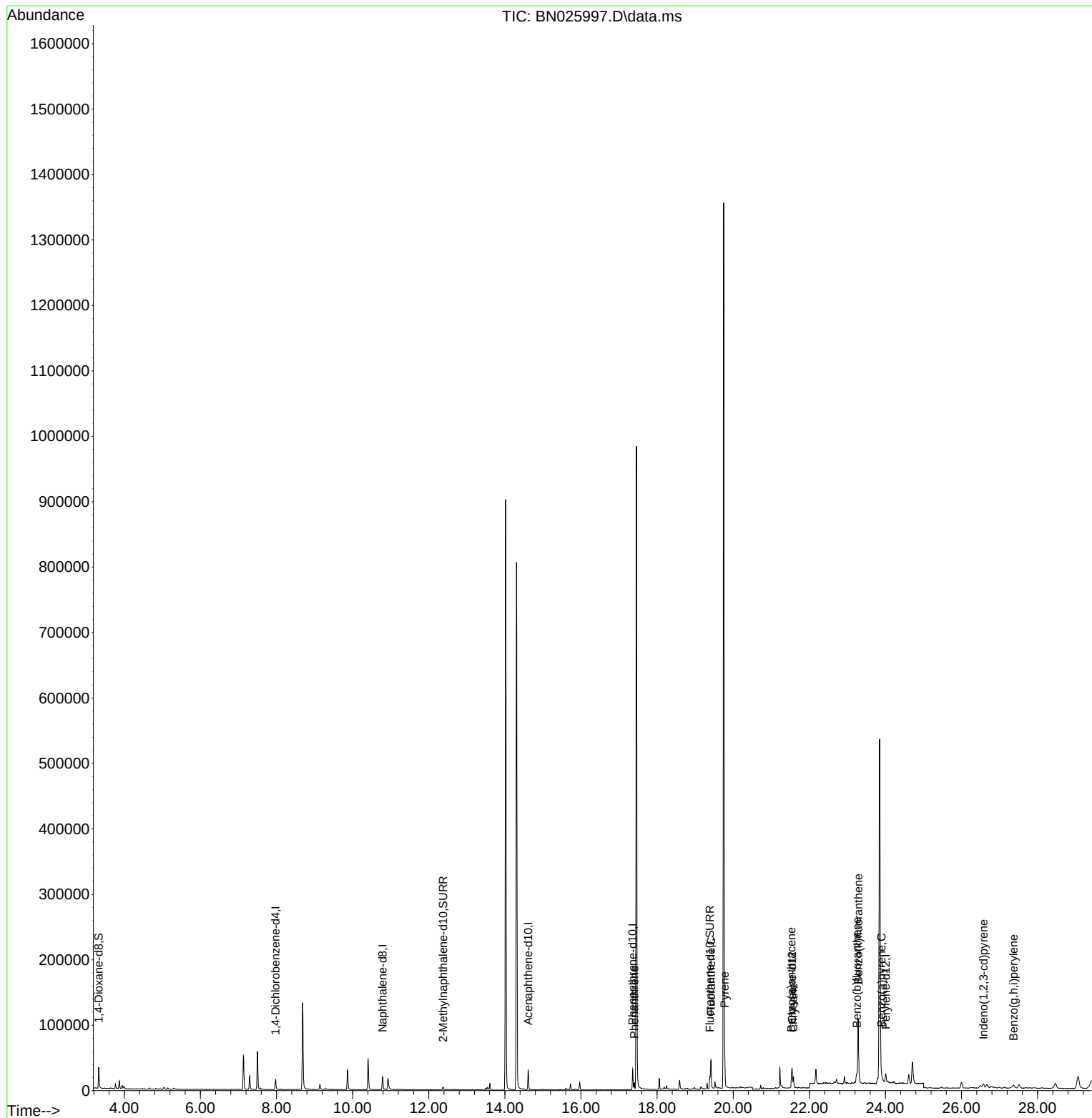
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025997.D
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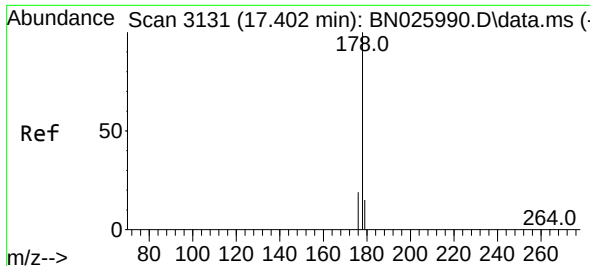
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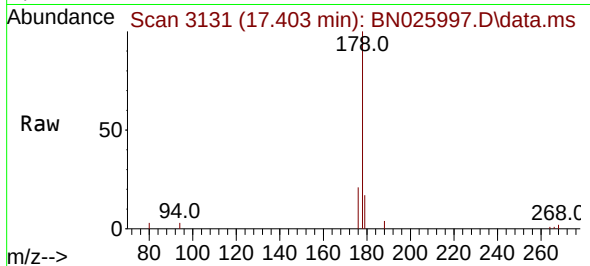
Quant Time: Jun 24 23:48:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
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#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

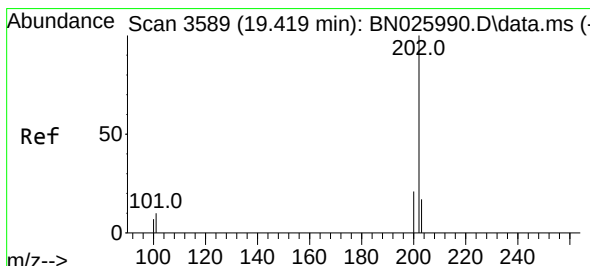
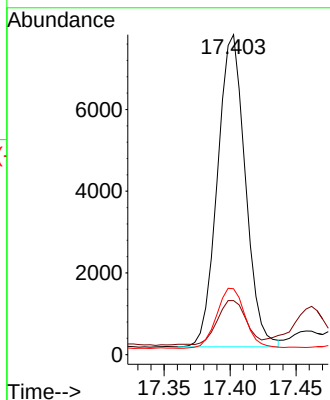
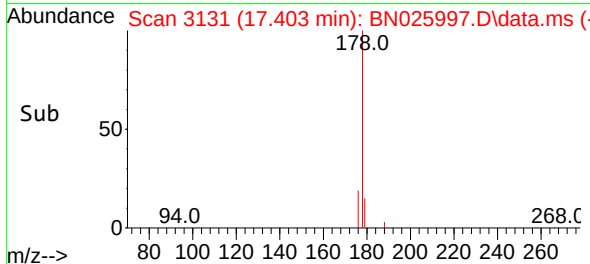
Instrument :
BNA_N
ClientSampleId :
DCFP4



Tgt Ion:178 Resp: 11209
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 20.6 15.8 23.6

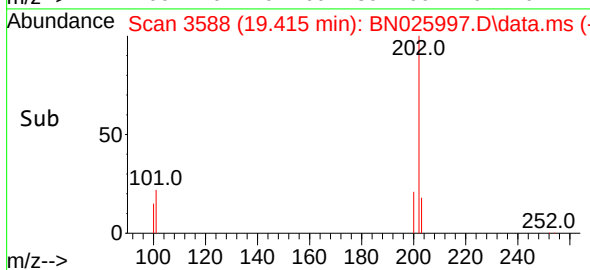
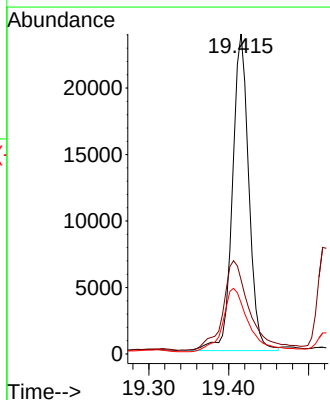
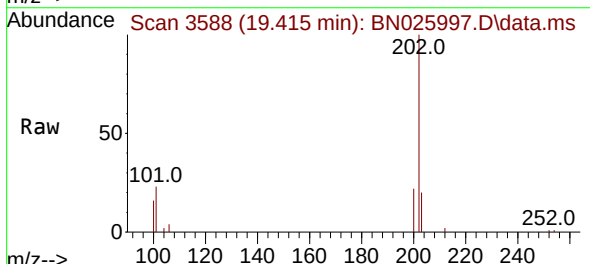
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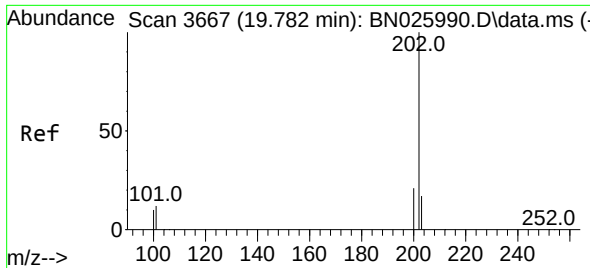
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#19
Fluoranthene
Concen: 0.271 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

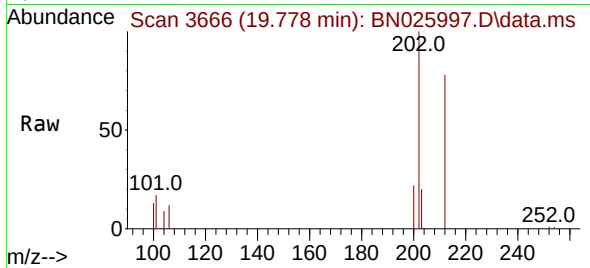
Tgt Ion:202 Resp: 33982
Ion Ratio Lower Upper
202 100
101 23.2 9.5 14.3#
100 16.0 7.3 10.9#





#20
Pyrene
Concen: 0.224 ng/ul m
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

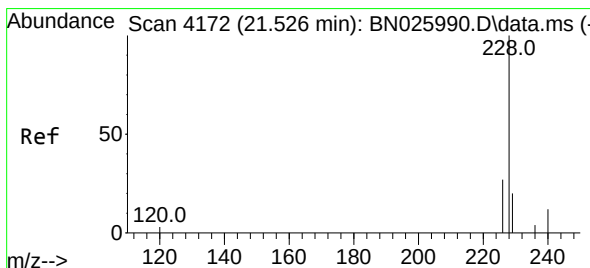
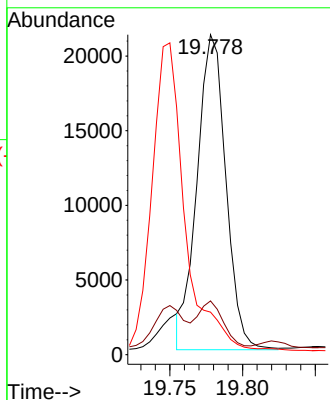
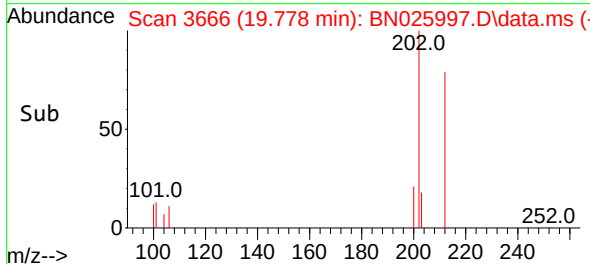
Instrument :
BNA_N
ClientSampleId :
DCFP4



Tgt Ion:202 Resp: 2911
Ion Ratio Lower Upper
202 100
101 16.8 11.4 17.0
100 13.3 9.1 13.7

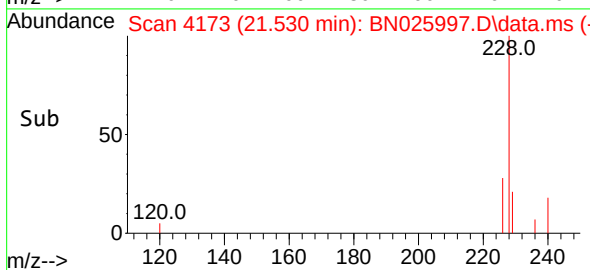
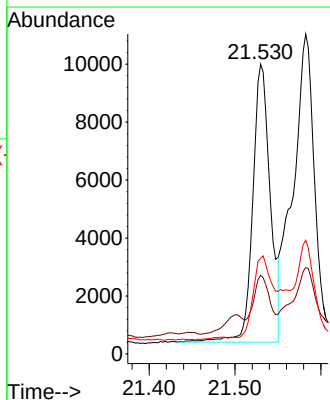
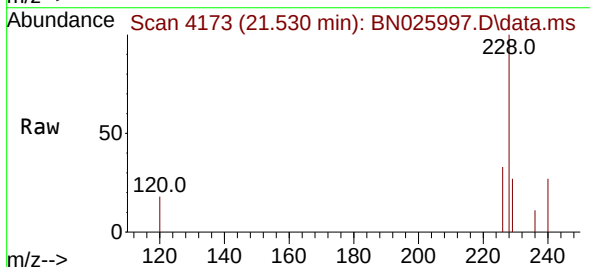
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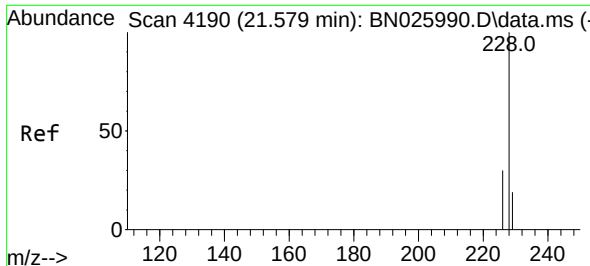
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#21
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.530 min Scan# 4173
Delta R.T. -0.002 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

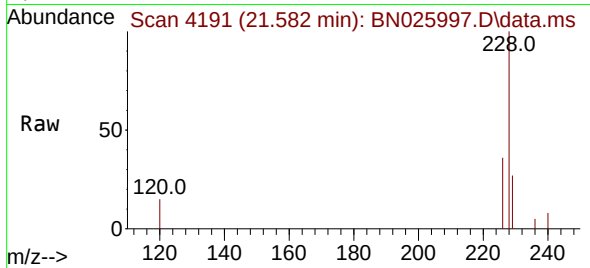
Tgt Ion:228 Resp: 13600
Ion Ratio Lower Upper
228 100
229 27.1 15.8 23.6#
226 33.1 22.5 33.7





#22
Chrysene
Concen: 0.185 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

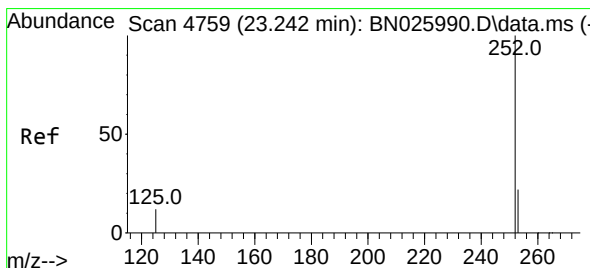
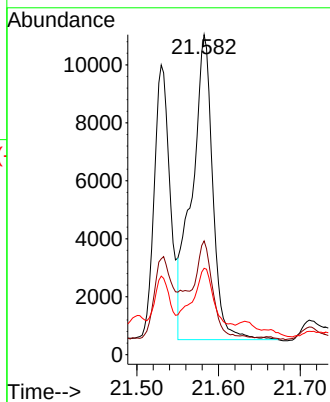
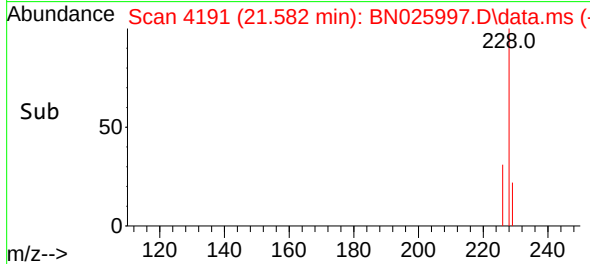
Instrument :
BNA_N
ClientSampleId :
DCFP4



Tgt Ion:228 Resp: 1866
Ion Ratio Lower Upper
228 100
226 35.6 24.8 37.2
229 27.0 15.7 23.5

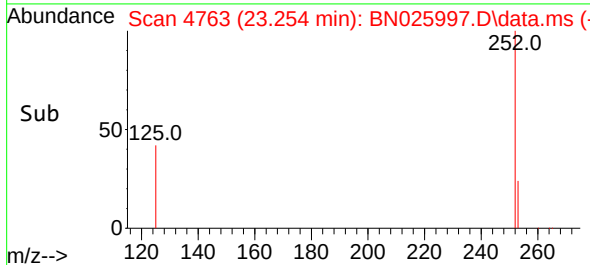
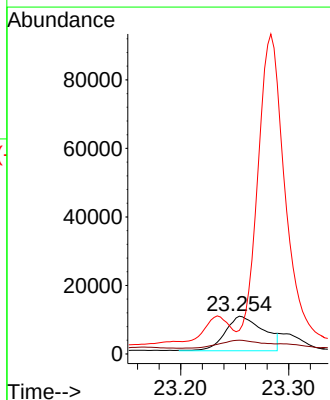
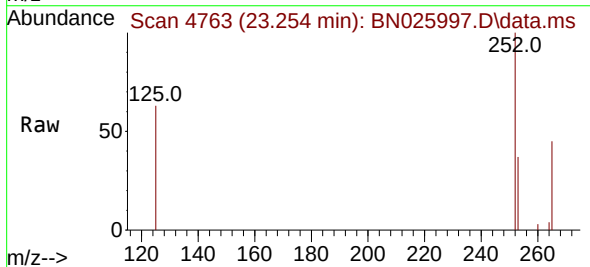
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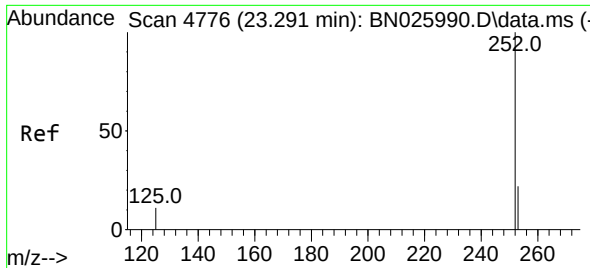
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Supervised By :mohammad ahmed 06/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.282 ng/ul m
RT: 23.254 min Scan# 4763
Delta R.T. -0.002 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

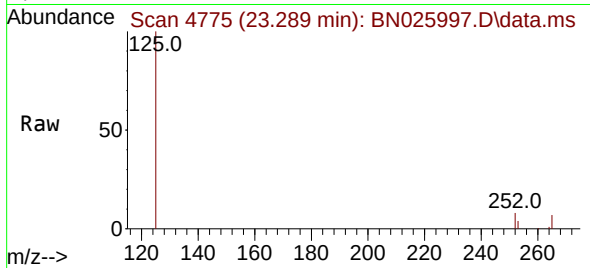
Tgt Ion:252 Resp: 24817
Ion Ratio Lower Upper
252 100
253 36.7 0.0 55.6
125 62.6 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.097 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.020 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

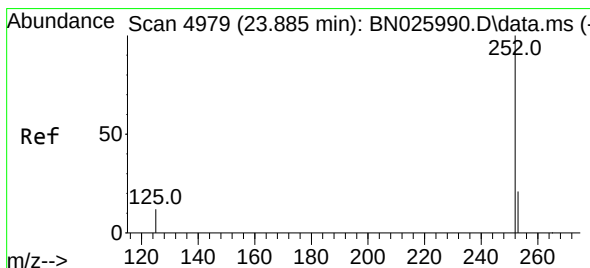
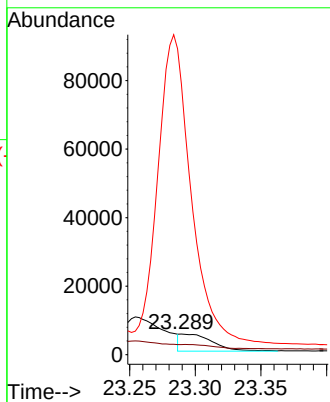
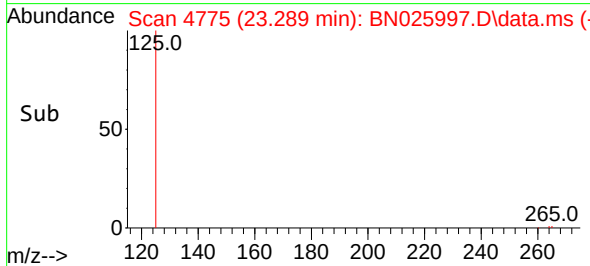
Instrument :
BNA_N
ClientSampleId :
DCFP4



Tgt Ion:252 Resp: 8550
Ion Ratio Lower Upper
252 100
253 48.9 23.2 34.8
125 1307.4 15.0 22.4

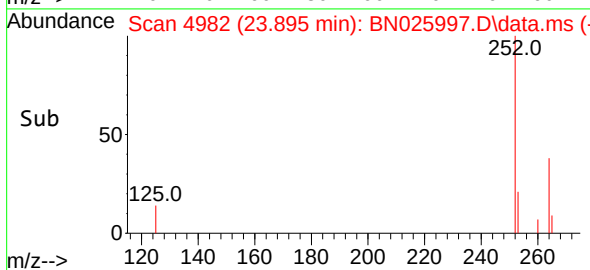
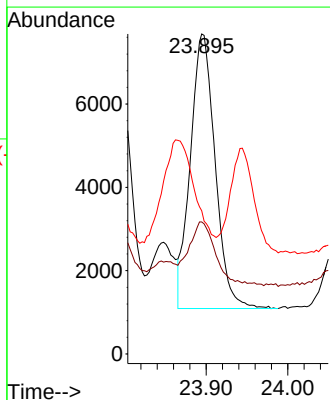
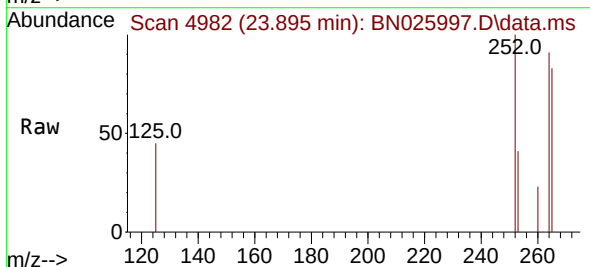
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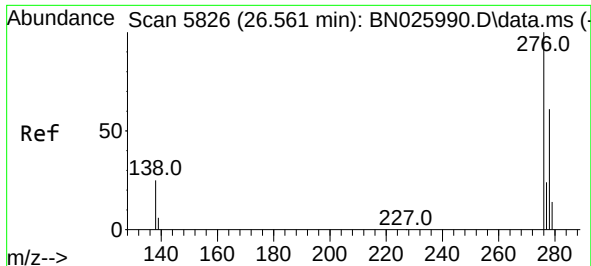
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#26
Benzo(a)pyrene
Concen: 0.182 ng/ul
RT: 23.895 min Scan# 4982
Delta R.T. -0.014 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

Tgt Ion:252 Resp: 13910
Ion Ratio Lower Upper
252 100
253 41.3 26.0 39.0#
125 44.8 17.3 25.9#





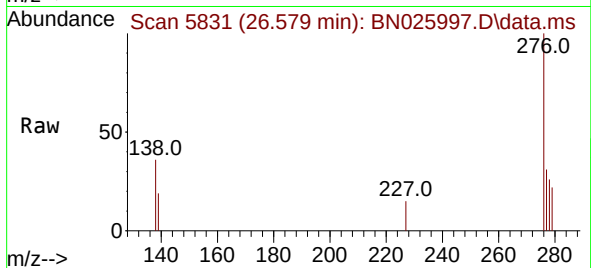
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.159 ng/ul
RT: 26.579 min Scan# 5826
Delta R.T. -0.016 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

Instrument :

BNA_N

ClientSampleId :

DCFP4



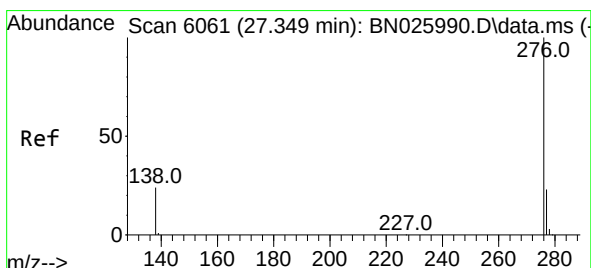
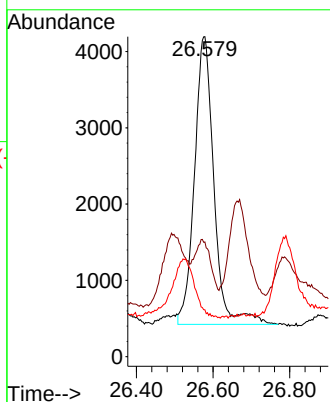
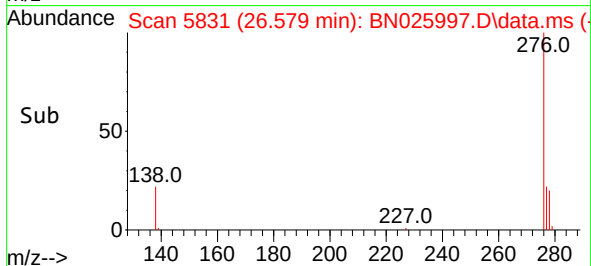
Tgt Ion:276 Resp: 13294
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7
227 0.0 0.0 0.0

Manual Integrations

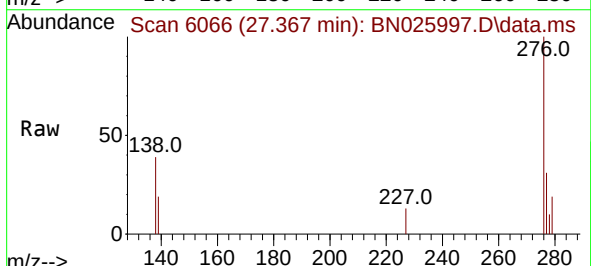
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#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 27.367 min Scan# 6066
Delta R.T. -0.019 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34



Tgt Ion:276 Resp: 12370
Ion Ratio Lower Upper
276 100
138 39.4 23.4 35.0#
277 31.2 20.0 30.0#

