

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026089.D
 Acq On : 29 Jun 2023 11:26
 Operator : MA/JU
 Sample : 03142-16DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT3DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:43:05 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	7401	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	25315	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.608	164	15278	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	31296	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	17853	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	17248	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	6242	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	1949	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	3990	0.059	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.394	178	18865	0.182	ng/ul	Qvalue 99
19) Fluoranthene	19.411	202	48781	0.512	ng/ul	99
20) Pyrene	19.773	202	41622m	0.420	ng/ul	
21) Benzo(a)anthracene	21.530	228	14296	0.194	ng/ul#	90
22) Chrysene	21.582	228	20730	0.271	ng/ul#	95
24) Benzo(b)fluoranthene	23.254	252	28222m	0.383	ng/ul	
25) Benzo(k)fluoranthene	23.292	252	10182m	0.138	ng/ul	
26) Benzo(a)pyrene	23.889	252	17227	0.269	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.552	276	14655	0.210	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.568	278	3291	0.062	ng/ul#	33
29) Benzo(g,h,i)perylene	27.350	276	15216	0.245	ng/ul	94

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

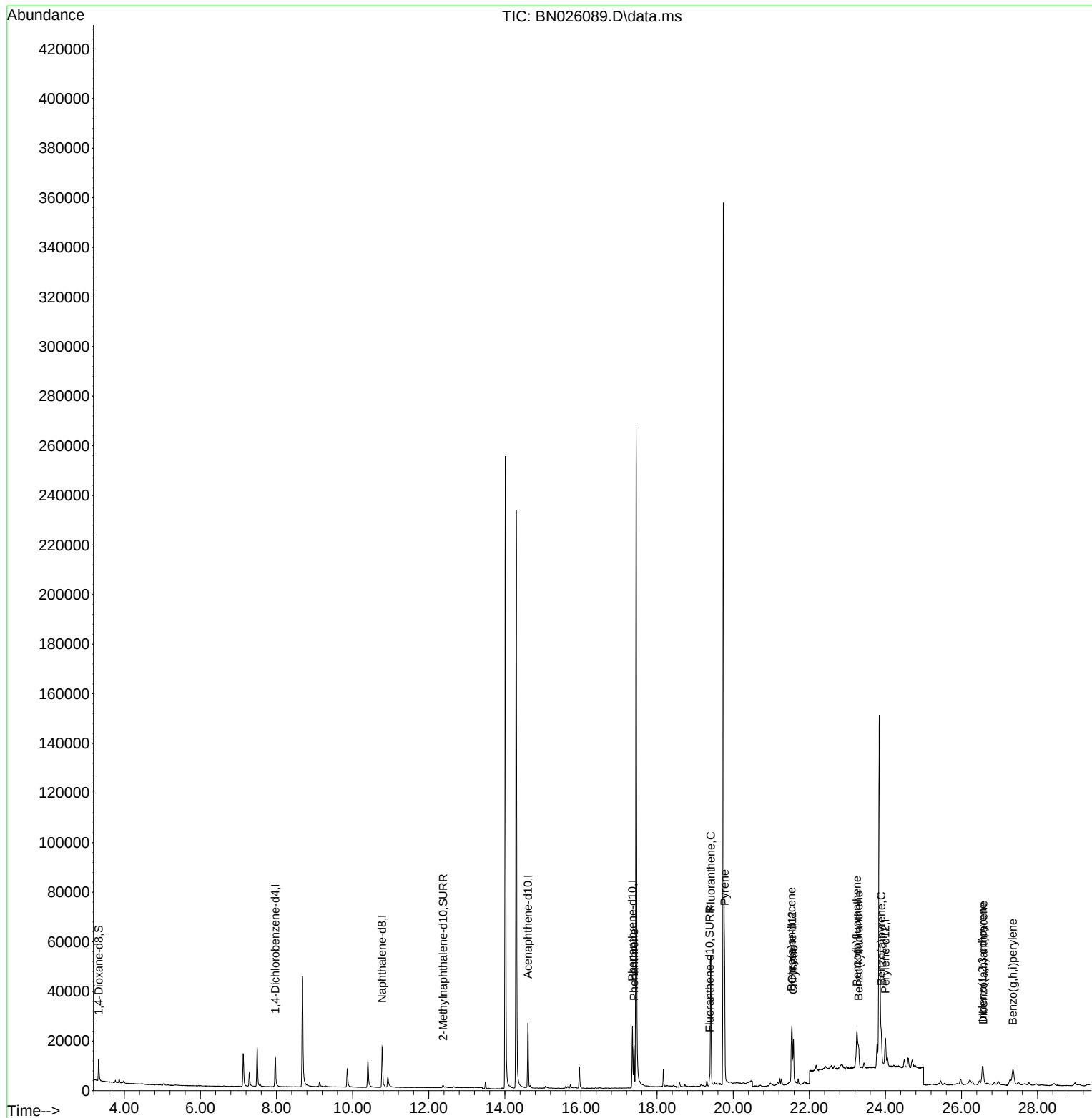
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026089.D
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ALS Vial : 10 Sample Multiplier: 1

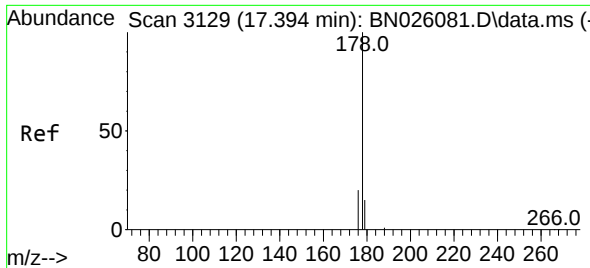
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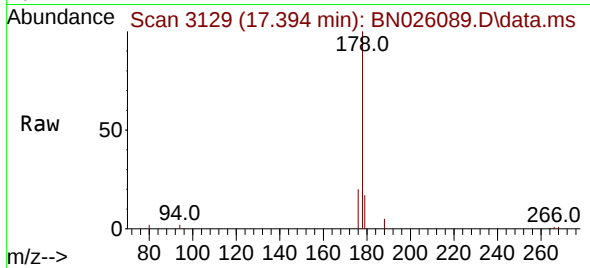
Quant Time: Jun 30 00:43:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#15
Phenanthrene
Concen: 0.182 ng/ul
RT: 17.394 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26

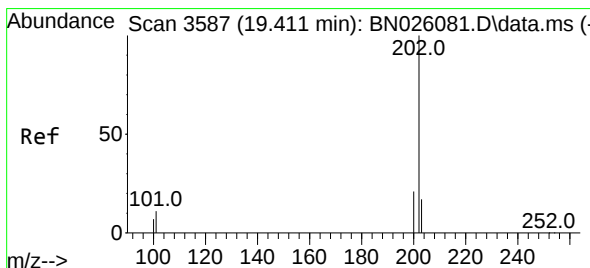
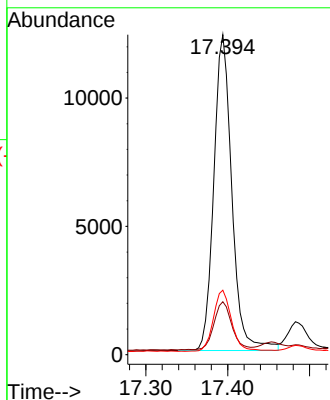
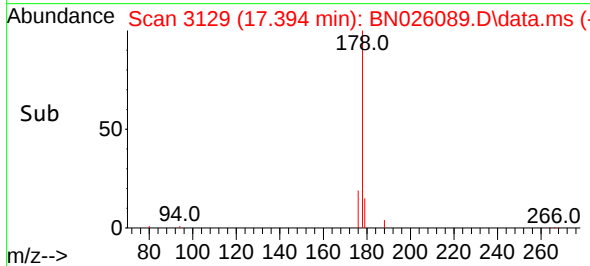
Instrument :
BNA_N
ClientSampleId :
DCFT3DL



Tgt Ion:178 Resp: 1886
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.1 15.8 23.6

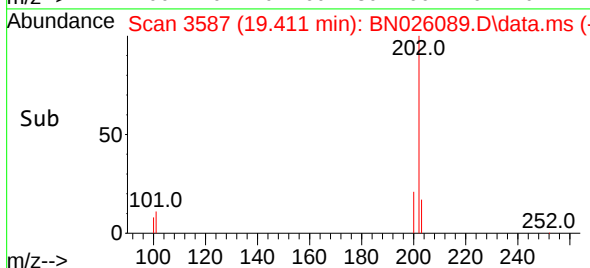
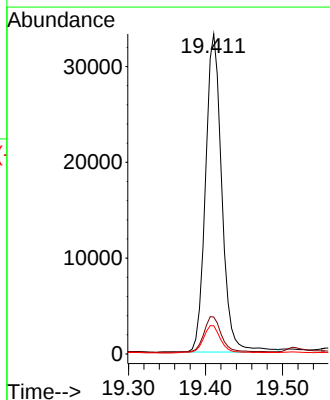
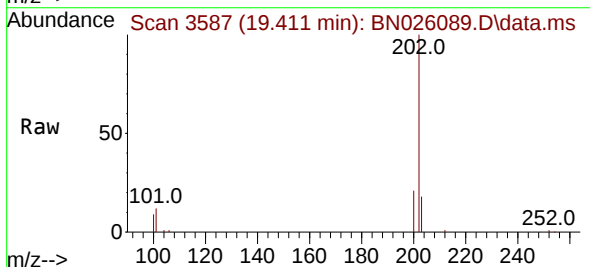
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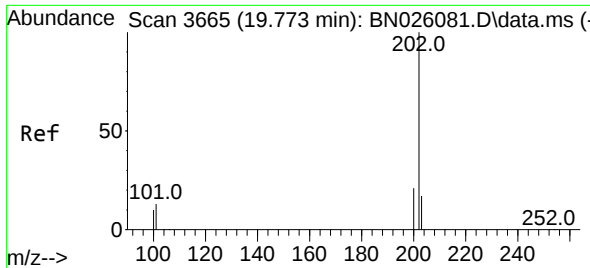
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#19
Fluoranthene
Concen: 0.512 ng/ul
RT: 19.411 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26

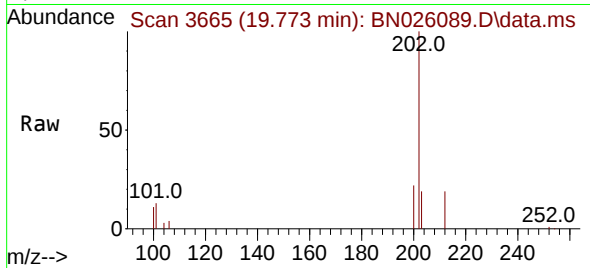
Tgt Ion:202 Resp: 48781
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 8.8 7.3 10.9





#20
Pyrene
Concen: 0.420 ng/ul m
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26

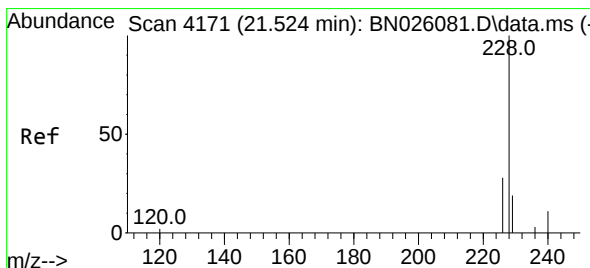
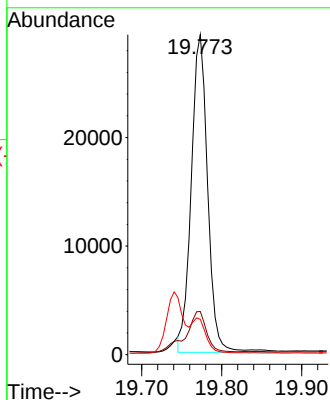
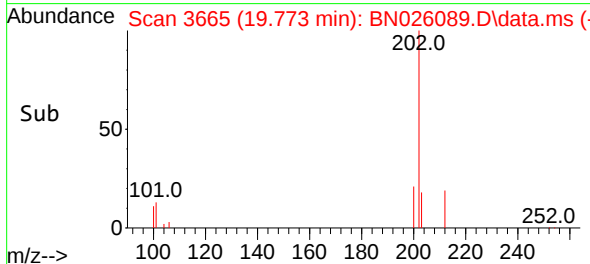
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ClientSampleId :
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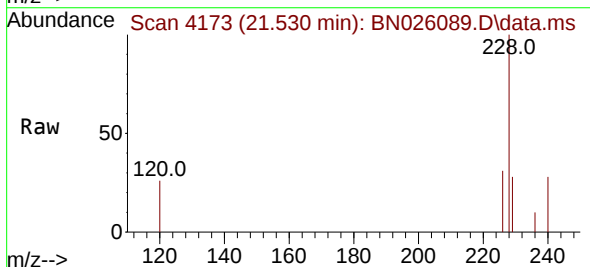
Tgt Ion:202 Resp: 4162
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 11.0 9.1 13.7

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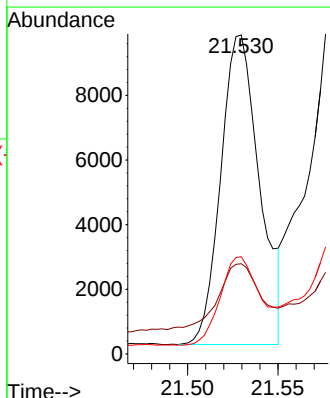
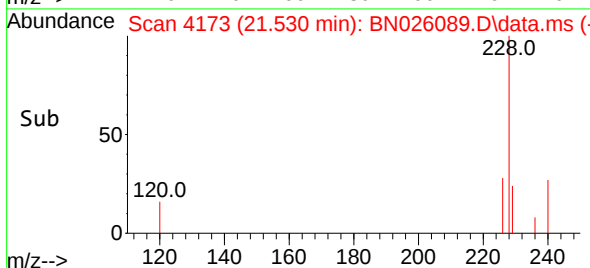
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

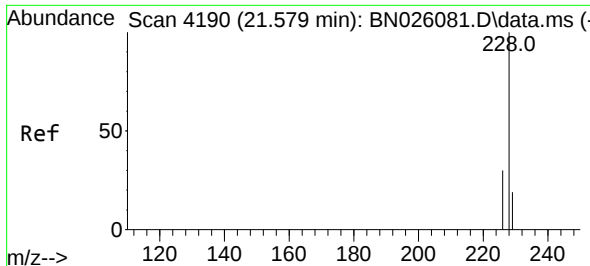


#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.530 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26



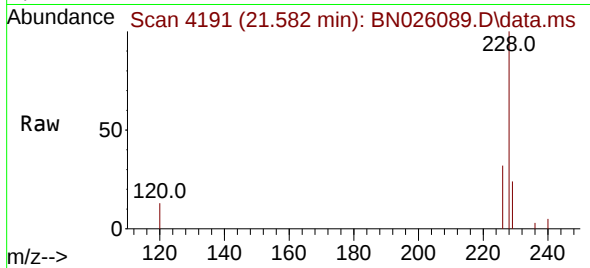
Tgt Ion:228 Resp: 14296
Ion Ratio Lower Upper
228 100
229 28.3 15.8 23.6#
226 30.5 22.5 33.7





#22
Chrysene
Concen: 0.271 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. 0.004 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26

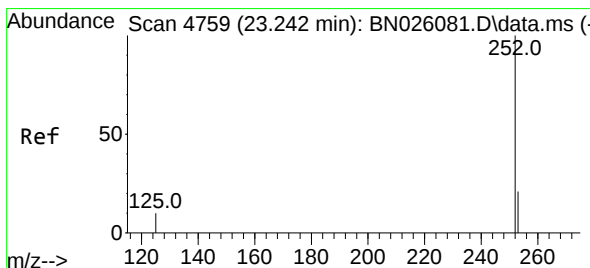
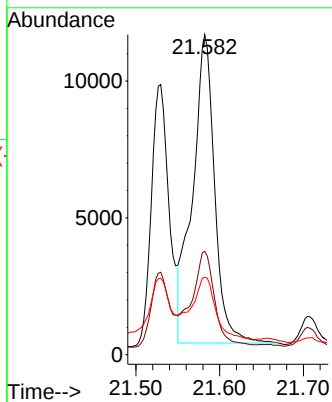
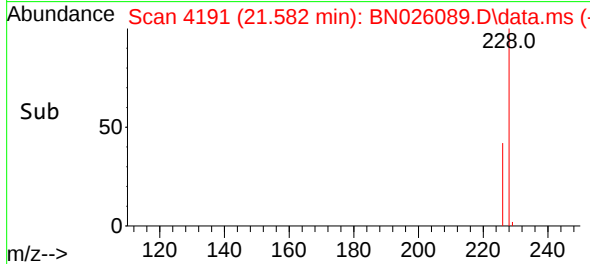
Instrument :
BNA_N
ClientSampleId :
DCFT3DL



Tgt Ion:228 Resp: 20730
Ion Ratio Lower Upper
228 100
226 32.3 24.8 37.2
229 24.2 15.7 23.5

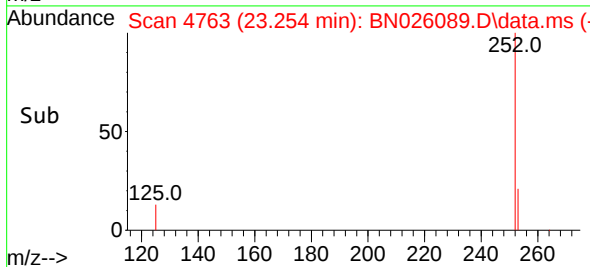
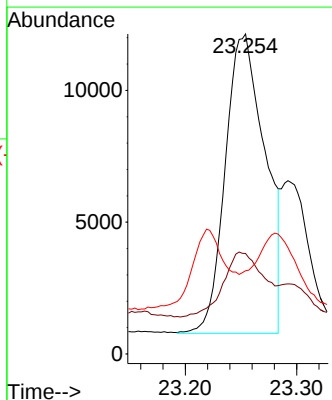
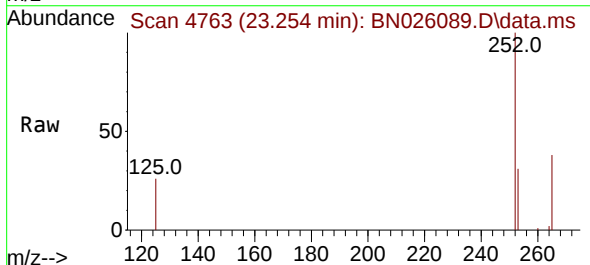
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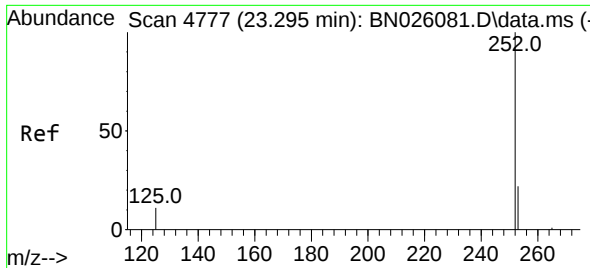
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul m
RT: 23.254 min Scan# 4763
Delta R.T. 0.001 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26

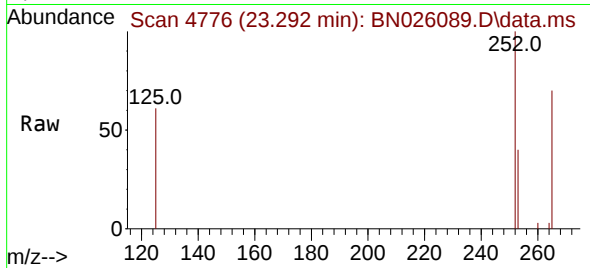
Tgt Ion:252 Resp: 28222
Ion Ratio Lower Upper
252 100
253 31.4 0.0 55.6
125 26.0 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.138 ng/ul m
RT: 23.292 min Scan# 4777
Delta R.T. -0.011 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26

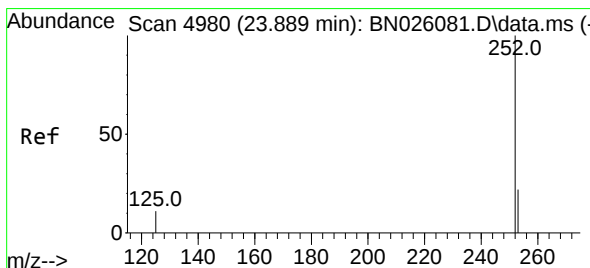
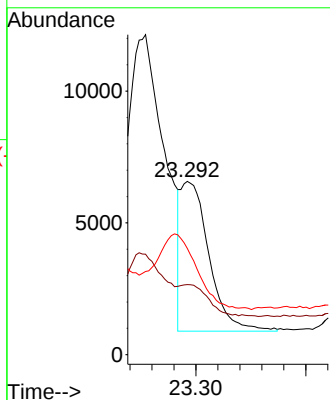
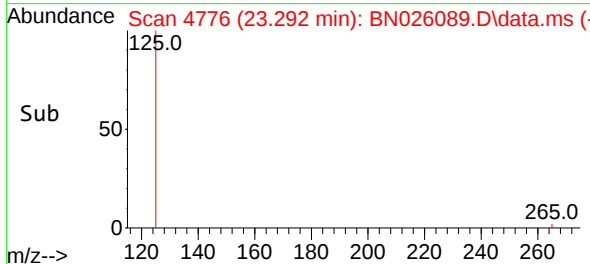
Instrument :
BNA_N
ClientSampleId :
DCFT3DL



Tgt Ion:252 Resp: 1018
Ion Ratio Lower Upper
252 100
253 40.5 23.2 34.8
125 61.3 15.0 22.4

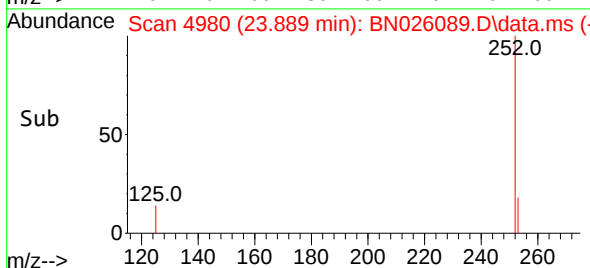
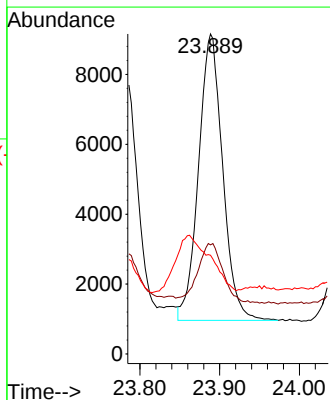
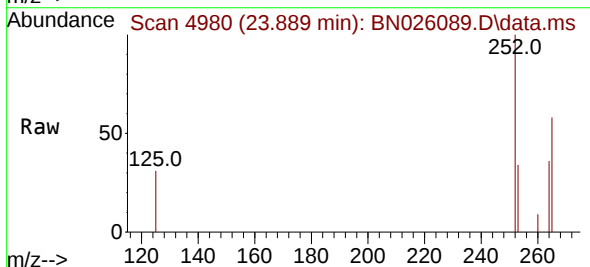
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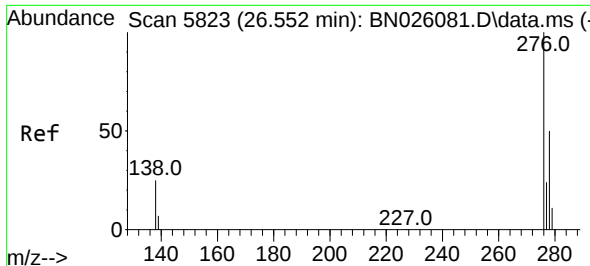
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
Benzo(a)pyrene
Concen: 0.269 ng/ul
RT: 23.889 min Scan# 4980
Delta R.T. -0.017 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26

Tgt Ion:252 Resp: 17227
Ion Ratio Lower Upper
252 100
253 34.1 26.0 39.0
125 30.9 17.3 25.9





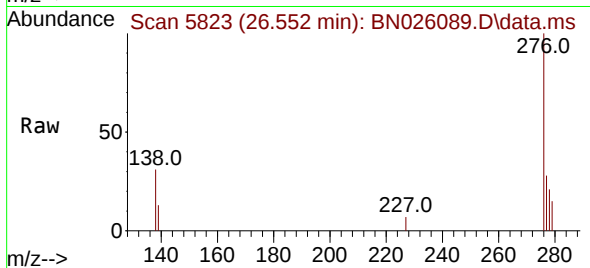
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 26.552 min Scan# 5823
Delta R.T. -0.043 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26

Instrument :

BNA_N

ClientSampleId :

DCFT3DL

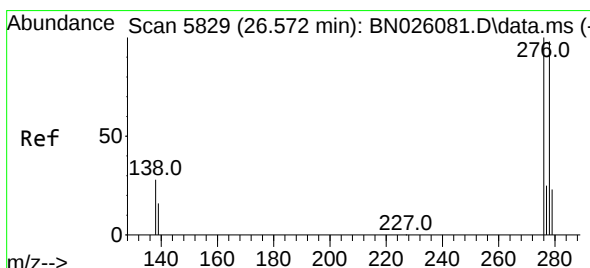
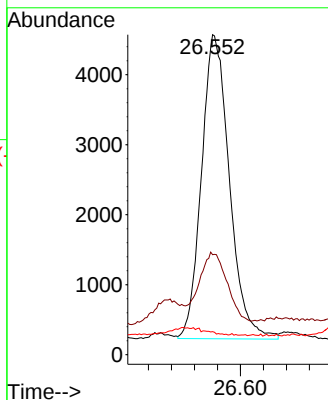
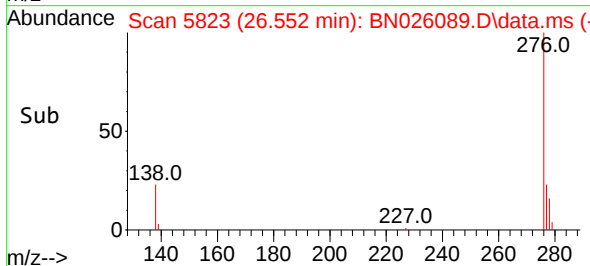


Tgt Ion:276 Resp: 1465
Ion Ratio Lower Upper
276 100
138 22.6 24.5 36.7
227 0.0 0.0 0.0

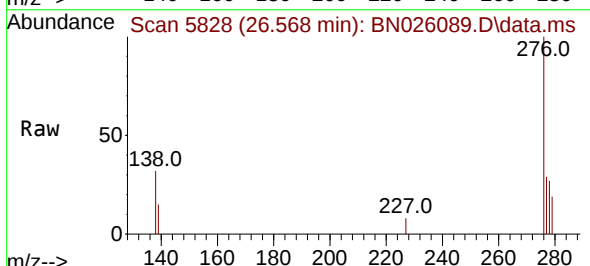
Manual Integrations

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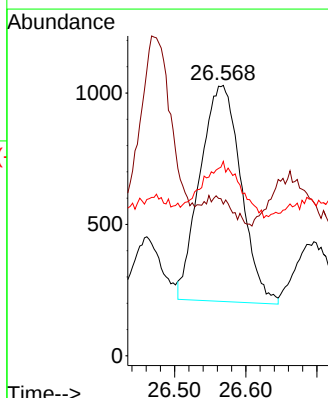
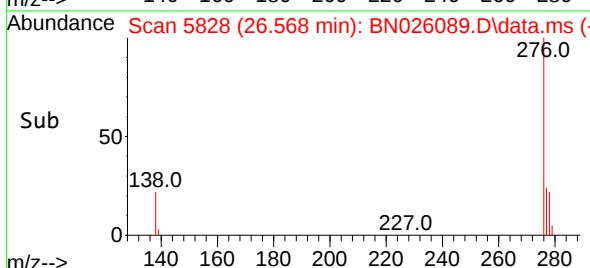
Reviewed By :Yogesh Patel 06/30/2023
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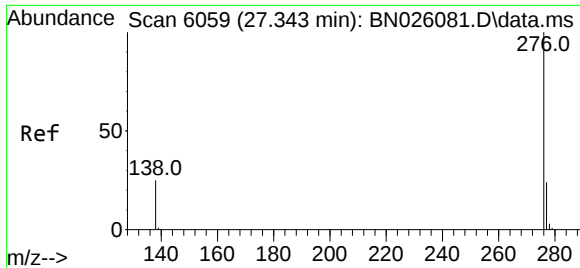


#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. -0.046 min
Lab File: BN026089.D
Acq: 29 Jun 2023 11:26



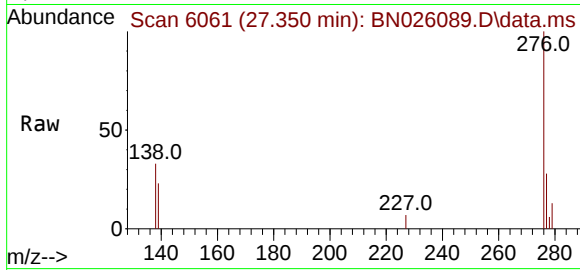
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Ion Ratio Lower Upper
278 100
139 56.1 19.0 28.4#
279 71.9 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.245 ng/ul
 RT: 27.350 min Scan# 6061
 Delta R.T. -0.036 min
 Lab File: BN026089.D
 Acq: 29 Jun 2023 11:26

Instrument :
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Tgt Ion: 276 Resp: 15210

Ion	Ratio	Lower	Upper
276	100		
138	32.7	23.4	35.0
277	27.8	20.0	30.0

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