

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026133.D
 Acq On : 30 Jun 2023 16:55
 Operator : MA/JU
 Sample : 03143-16DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:56:16 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	7.963	152	8425	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.775	136	27442	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	15755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	31535	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	17473	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	17497	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	4083	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1241	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	2479	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.390	178	16082	0.154	ng/ul	97
16) Anthracene	17.483	178	2024	0.022	ng/ul#	78
19) Fluoranthene	19.406	202	56938	0.610	ng/ul	99
20) Pyrene	19.773	202	47766	0.492	ng/ul	97
21) Benzo(a)anthracene	21.527	228	18776m	0.260	ng/ul	
22) Chrysene	21.579	228	28346	0.378	ng/ul	95
24) Benzo(b)fluoranthene	23.251	252	41049m	0.550	ng/ul	
25) Benzo(k)fluoranthene	23.295	252	14767m	0.197	ng/ul	
26) Benzo(a)pyrene	23.894	252	22190	0.342	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.565	276	22103	0.312	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.572	278	4963	0.093	ng/ul#	48
29) Benzo(g,h,i)perylene	27.360	276	20875	0.331	ng/ul	96

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

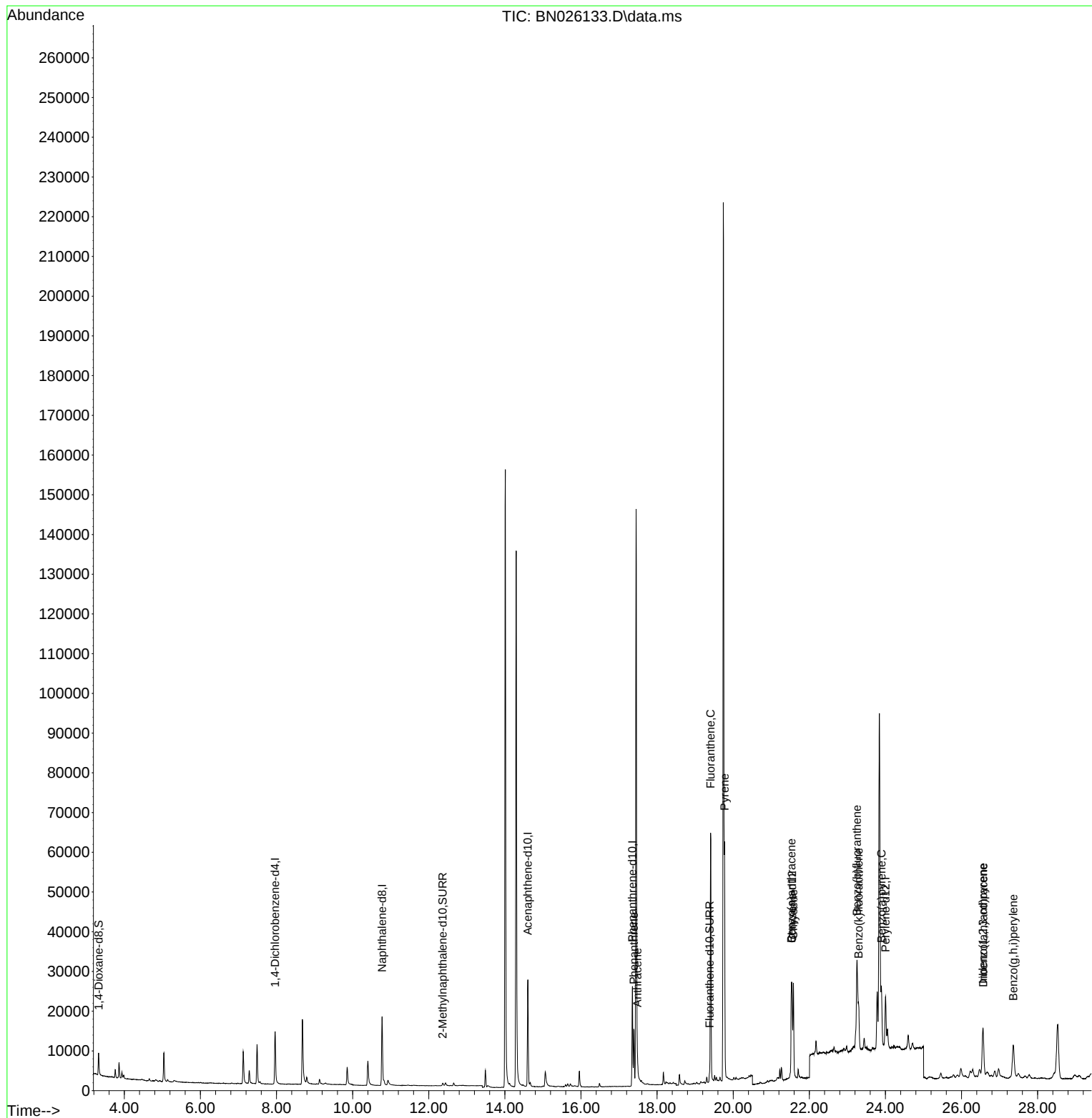
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026133.D
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Operator : MA/JU
Sample : 03143-16DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

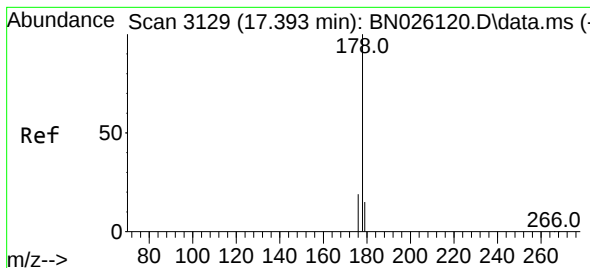
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#15

Phenanthrene

Concen: 0.154 ng/u1

RT: 17.390 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BN026133.D

Acq: 30 Jun 2023 16:55

Instrument :

BNA_N

ClientSampleId :

DCFV3DL

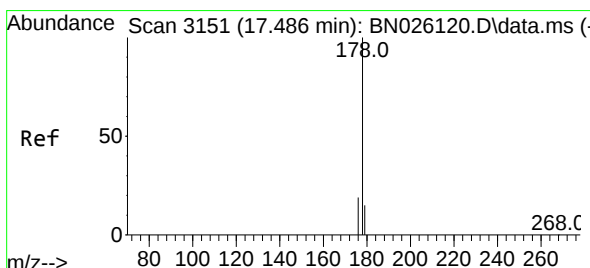
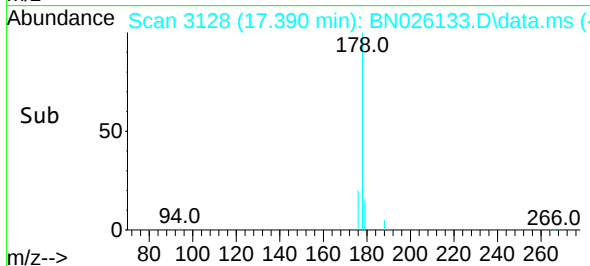
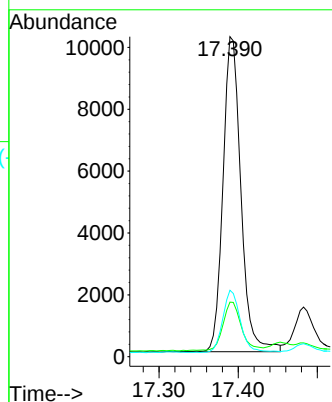
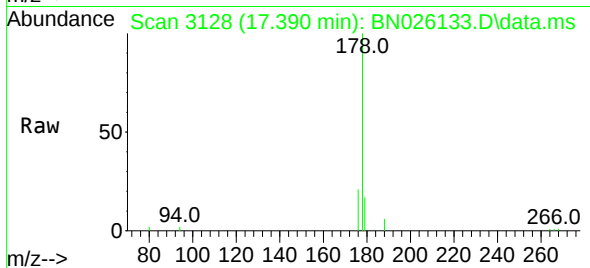
Tgt Ion:178	Resp:	1608
Ion Ratio	Lower	Upper
178	100	
179	17.1	12.6 19.0
176	20.8	15.8 23.6

Manual Integrations

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#16

Anthracene

Concen: 0.022 ng/u1

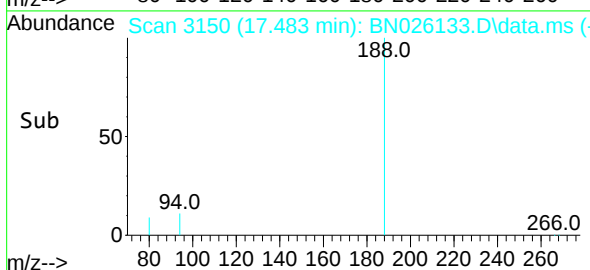
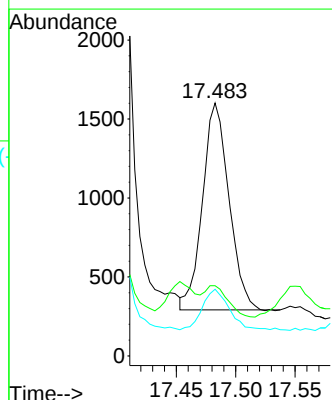
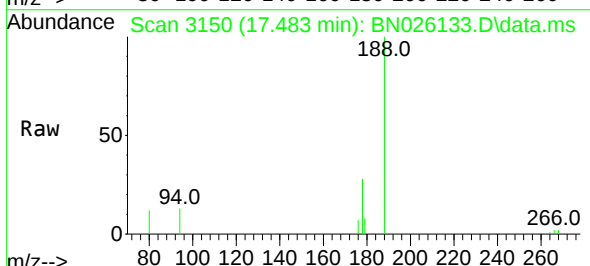
RT: 17.483 min Scan# 3150

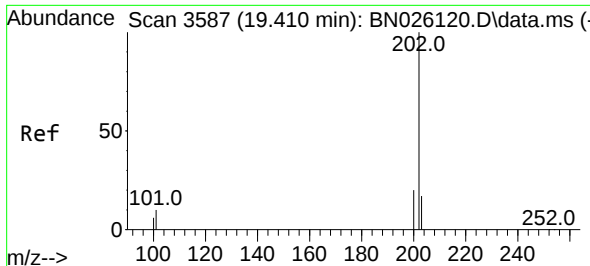
Delta R.T. -0.012 min

Lab File: BN026133.D

Acq: 30 Jun 2023 16:55

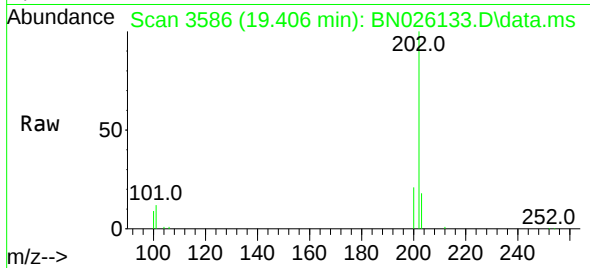
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Ion Ratio	Lower	Upper
178	100	
179	27.8	12.6 18.8#
176	26.3	15.1 22.7#





#19
Fluoranthene
Concen: 0.610 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

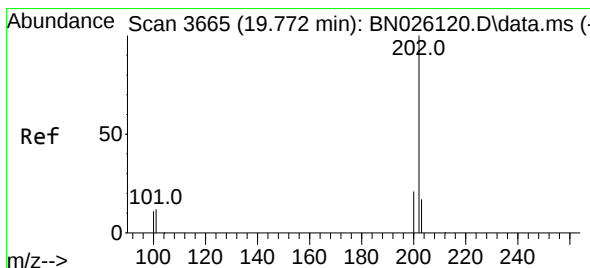
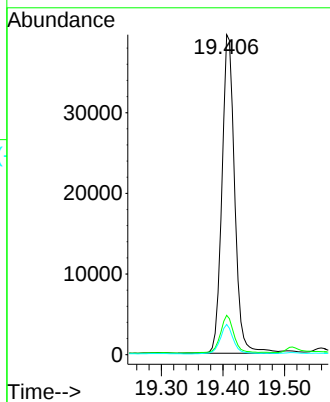
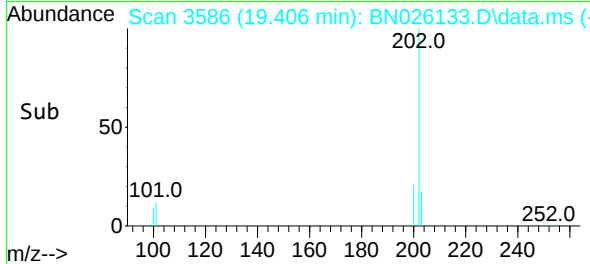
Instrument :
BNA_N
ClientSampleId :
DCFV3DL



Tgt Ion:202 Resp: 56938
Ion Ratio Lower Upper
202 100
101 12.3 9.5 14.3
100 9.4 7.3 10.9

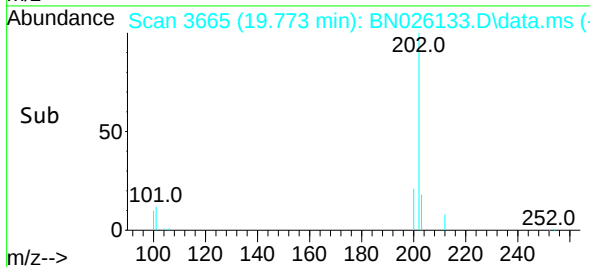
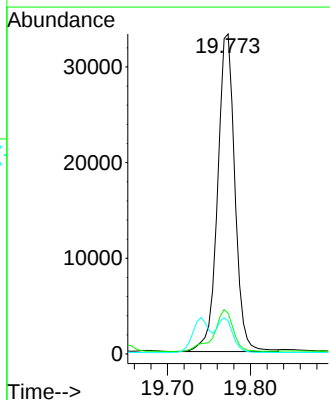
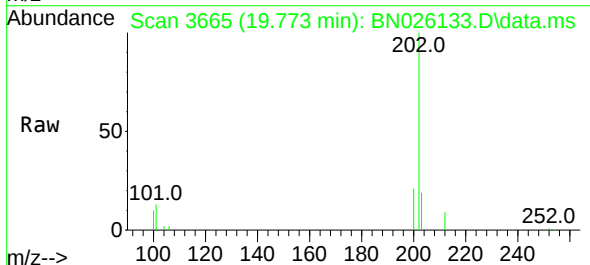
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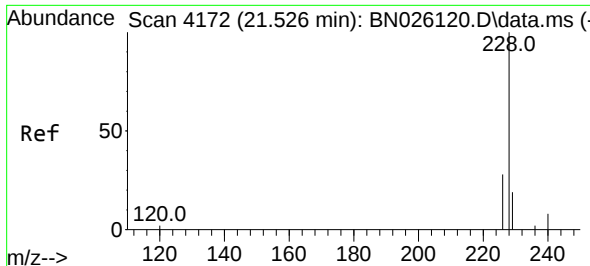
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 0.492 ng/u1
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

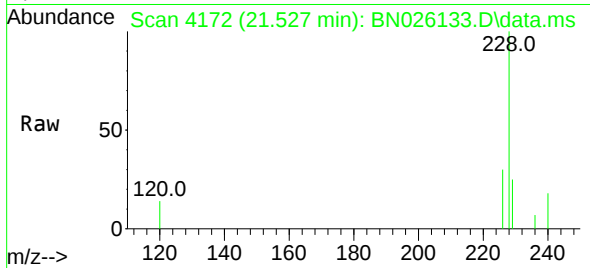
Tgt Ion:202 Resp: 47766
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.260 ng/ul m
RT: 21.527 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

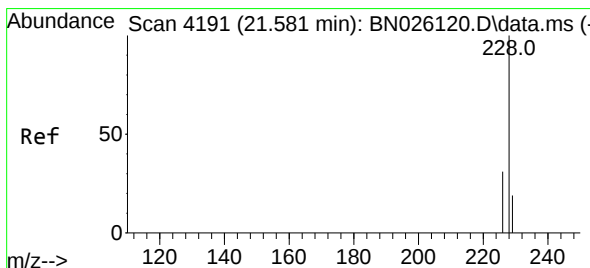
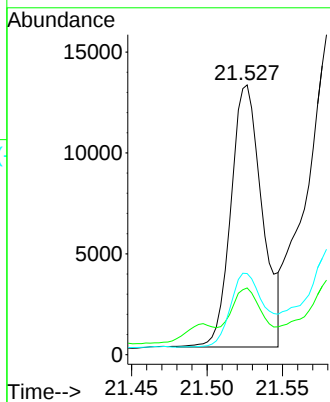
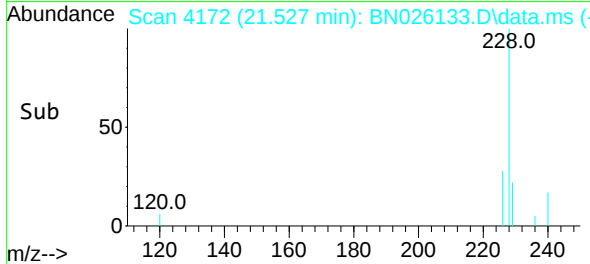
Instrument :
BNA_N
ClientSampleId :
DCFV3DL



Tgt Ion:228 Resp: 18770
Ion Ratio Lower Upper
228 100
229 24.7 15.8 23.6
226 30.1 22.5 33.7

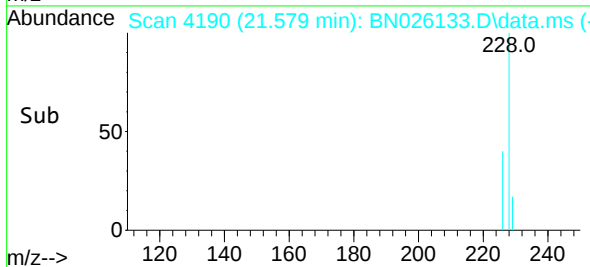
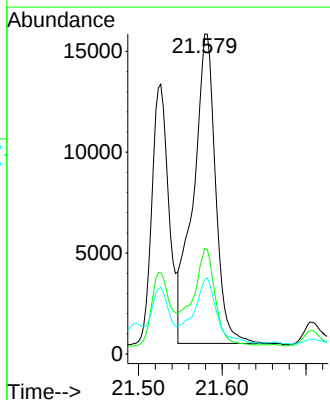
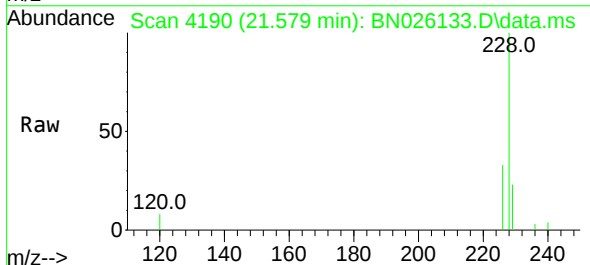
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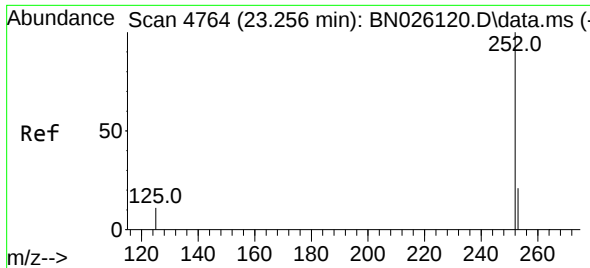
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.001 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

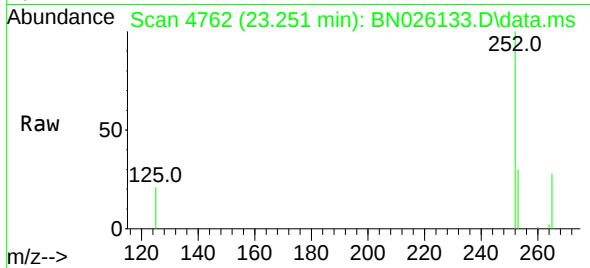
Tgt Ion:228 Resp: 28346
Ion Ratio Lower Upper
228 100
226 32.9 24.8 37.2
229 23.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.550 ng/ul m
RT: 23.251 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

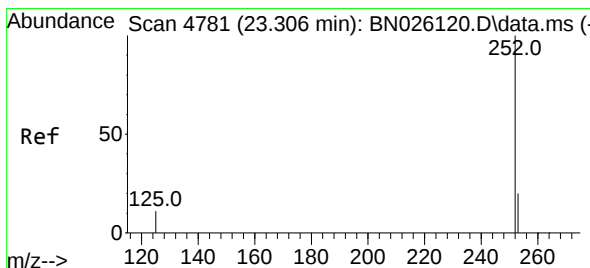
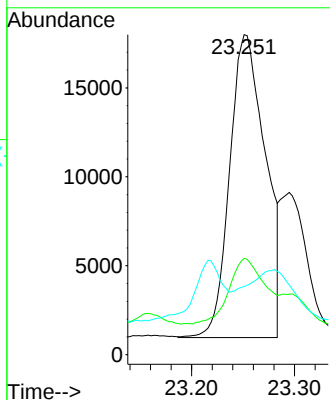
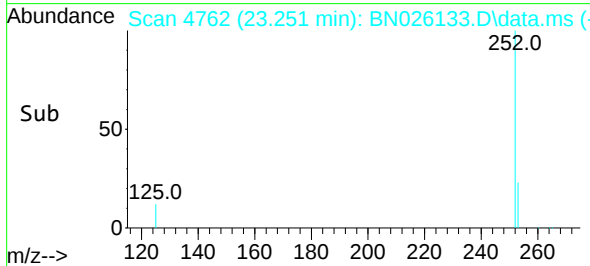
Instrument :
BNA_N
ClientSampleId :
DCFV3DL



Tgt Ion:252 Resp: 41049
Ion Ratio Lower Upper
252 100
253 30.1 0.0 55.6
125 21.3 0.0 35.8

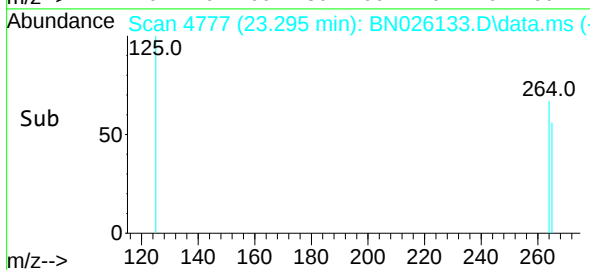
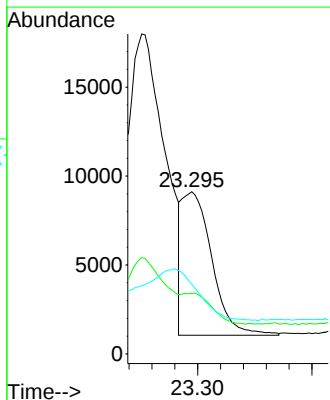
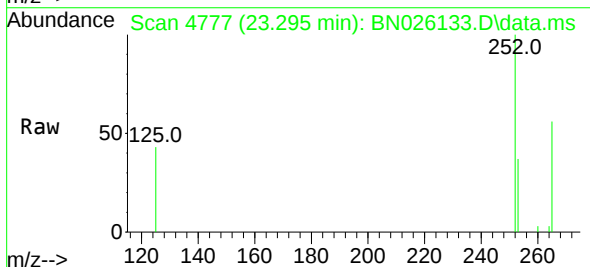
Manual Integrations
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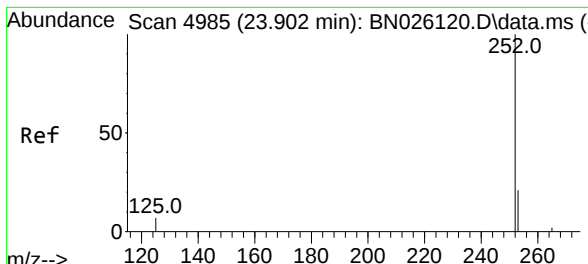
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul m
RT: 23.295 min Scan# 4777
Delta R.T. -0.008 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

Tgt Ion:252 Resp: 14767
Ion Ratio Lower Upper
252 100
253 37.3 23.2 34.8#
125 43.0 15.0 22.4#





#26
 Benzo(a)pyrene
 Concen: 0.342 ng/ul
 RT: 23.894 min Scan# 4985
 Delta R.T. -0.011 min
 Lab File: BN026133.D
 Acq: 30 Jun 2023 16:55

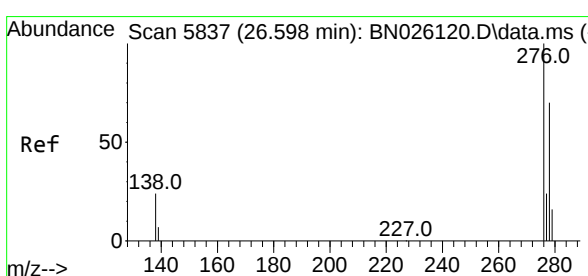
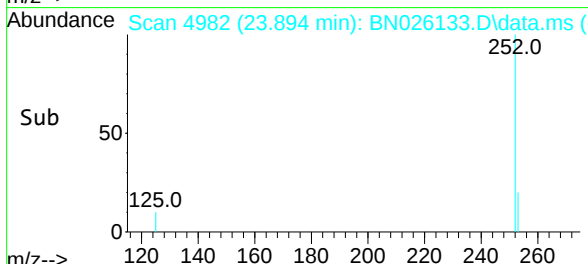
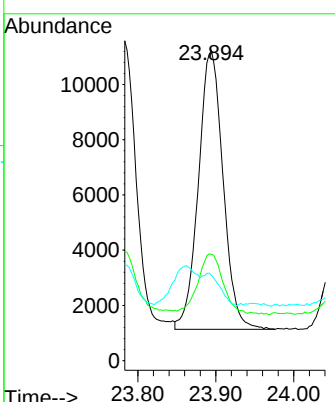
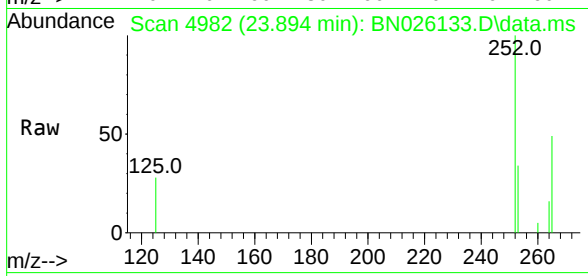
Instrument :
 BNA_N
 ClientSampleId :
 DCFV3DL

Tgt Ion:252 Resp: 22190

Ion	Ratio	Lower	Upper
252	100		
253	34.3	26.0	39.0
125	27.6	17.3	25.9

Manual Integrations
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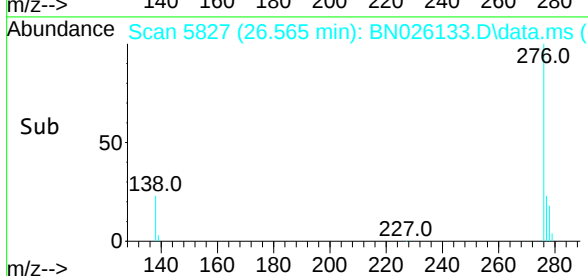
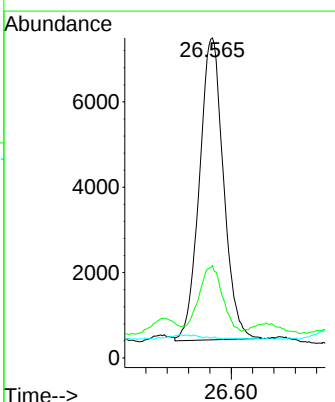
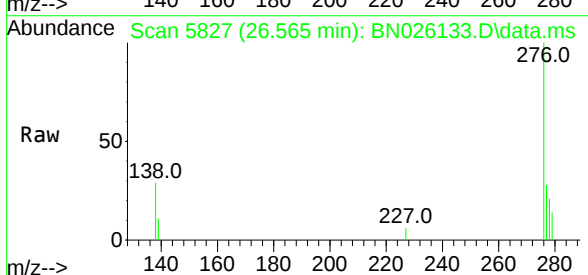
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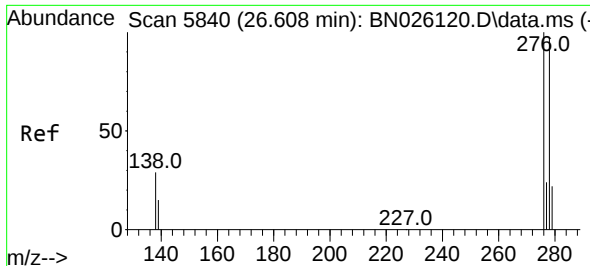


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.312 ng/ul
 RT: 26.565 min Scan# 5827
 Delta R.T. -0.029 min
 Lab File: BN026133.D
 Acq: 30 Jun 2023 16:55

Tgt Ion:276 Resp: 22103

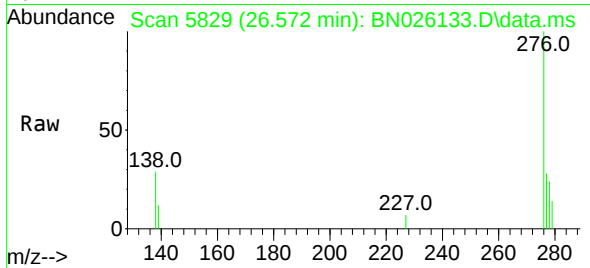
Ion	Ratio	Lower	Upper
276	100		
138	22.5	24.5	36.7#
227	0.1	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 26.572 min Scan# 5829
Delta R.T. -0.043 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55

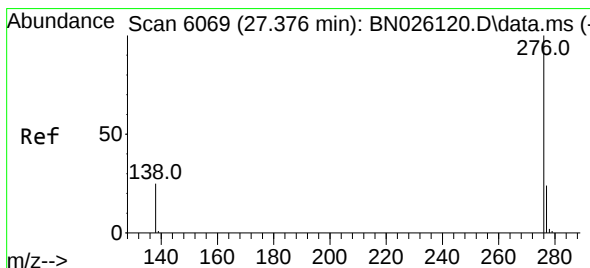
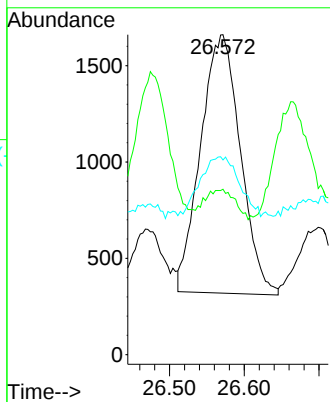
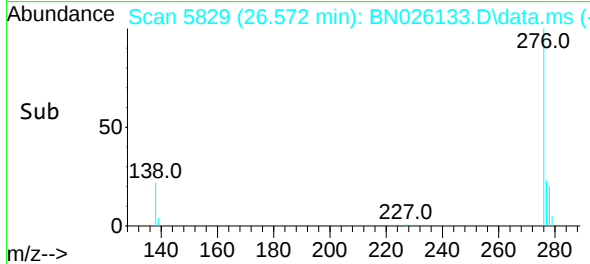
Instrument :
BNA_N
ClientSampleId :
DCFV3DL



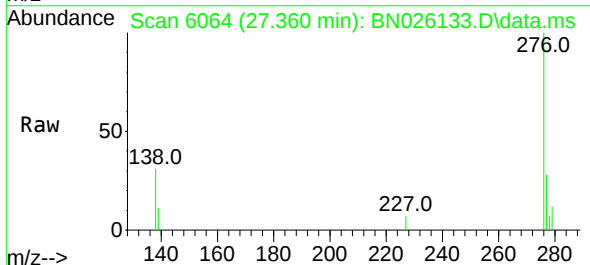
Tgt Ion:278 Resp: 496
Ion Ratio Lower Upper
278 100
139 51.7 19.0 28.4
279 60.9 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 27.360 min Scan# 6064
Delta R.T. -0.026 min
Lab File: BN026133.D
Acq: 30 Jun 2023 16:55



Tgt Ion:276 Resp: 20875
Ion Ratio Lower Upper
276 100
138 30.5 23.4 35.0
277 28.2 20.0 30.0

