

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026148.D
 Acq On : 01 Jul 2023 13:00
 Operator : MA/JU
 Sample : 03161-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFW9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:34:38 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	10361	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	31189	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	15321	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	25633	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	17906	0.400	ng/ul	0.00
23) Perylene-d12	23.981	264	19716	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	3710	0.318	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	833	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	1325	0.019	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.819	128	2993	0.033	ng/ul#	90
10) Acenaphthylene	14.320	152	3214	0.045	ng/ul#	92
15) Phenanthrene	17.389	178	8769	0.104	ng/ul	95
16) Anthracene	17.482	178	3393	0.045	ng/ul#	85
19) Fluoranthene	19.405	202	24710	0.258	ng/ul	100
20) Pyrene	19.768	202	21594m	0.217	ng/ul	
21) Benzo(a)anthracene	21.514	228	13531m	0.183	ng/ul	
22) Chrysene	21.570	228	21667	0.282	ng/ul	95
24) Benzo(b)fluoranthene	23.236	252	44401m	0.528	ng/ul	
25) Benzo(k)fluoranthene	23.277	252	12745m	0.151	ng/ul	
26) Benzo(a)pyrene	23.870	252	22811	0.312	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.537	276	22377	0.280	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.544	278	5259	0.087	ng/ul#	62
29) Benzo(g,h,i)perylene	27.332	276	21116	0.297	ng/ul	98

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

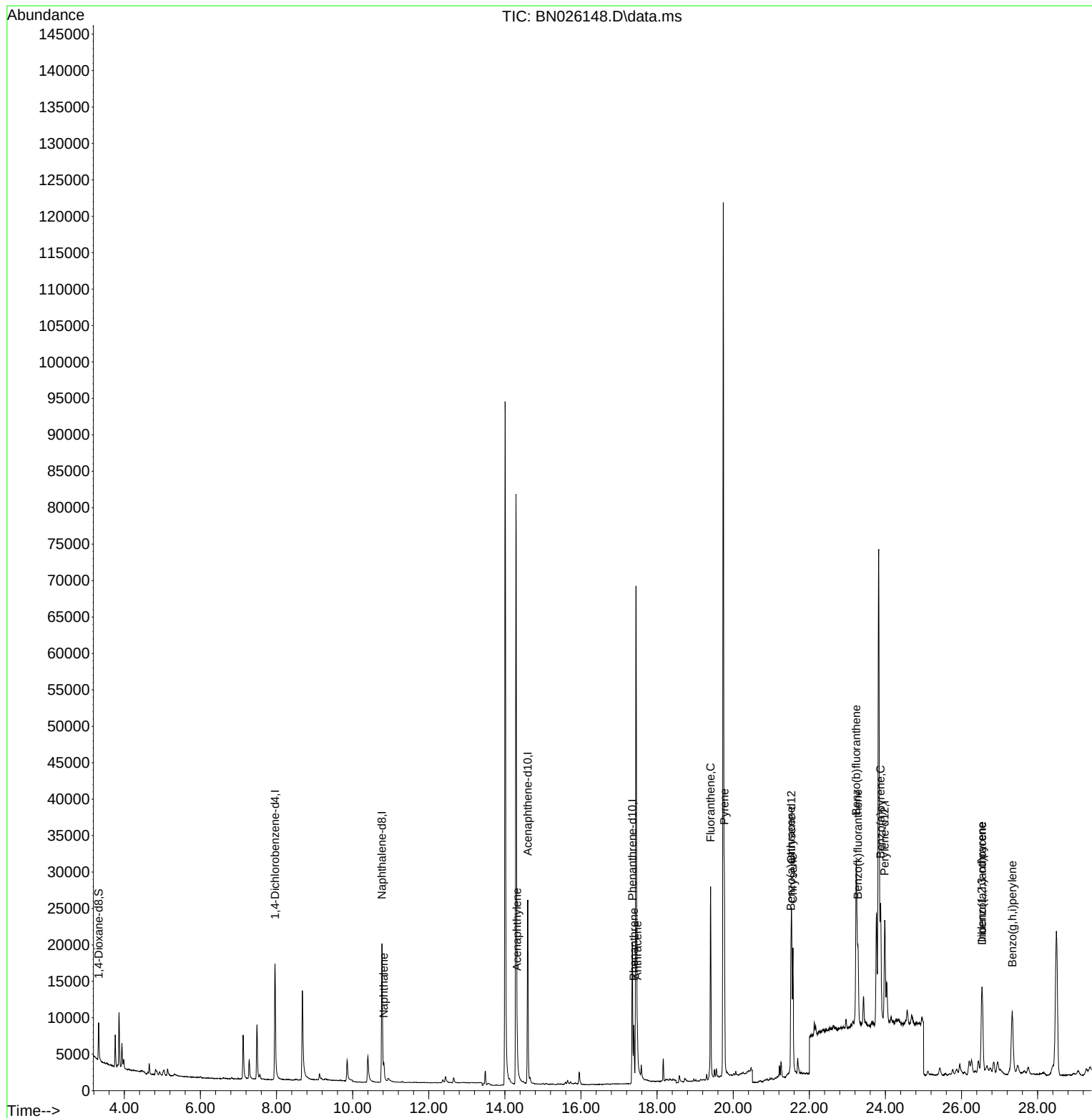
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026148.D
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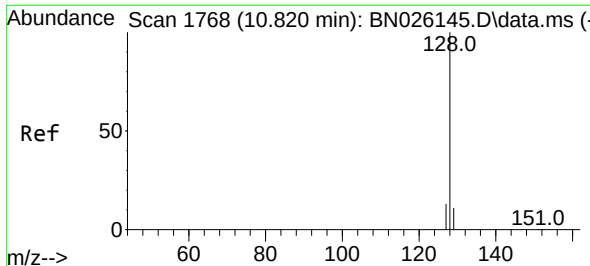
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Quant Time: Jul 01 22:34:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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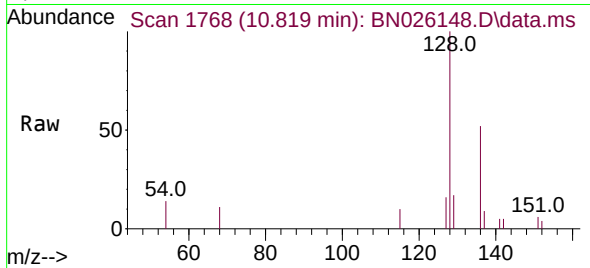
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.033 ng/u1
RT: 10.819 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

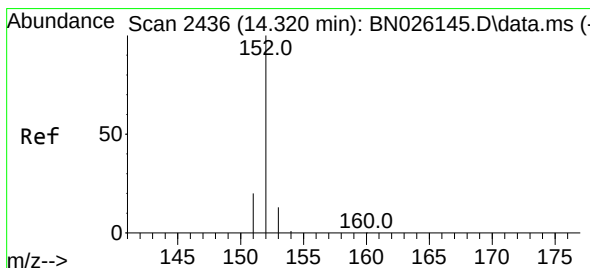
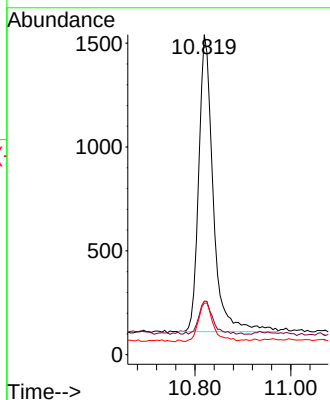
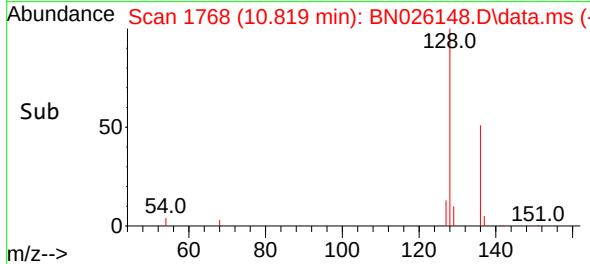
Instrument :
BNA_N
ClientSampleId :
DCFW9DL



Tgt Ion:128 Resp: 2993
Ion Ratio Lower Upper
128 100
129 16.7 9.1 13.7
127 16.1 10.7 16.1

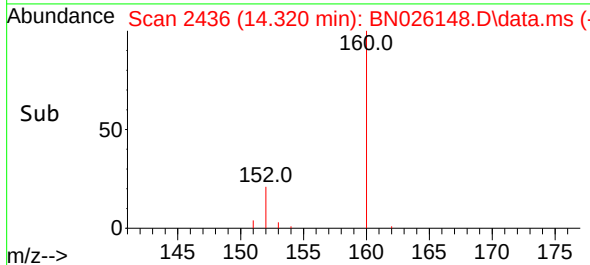
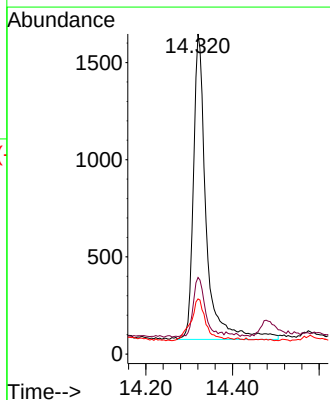
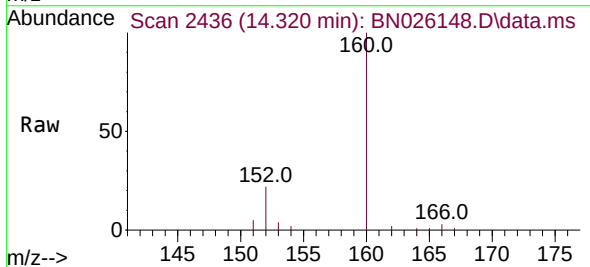
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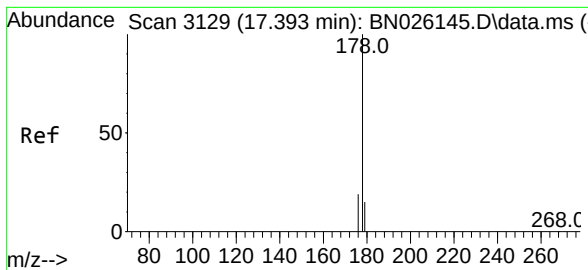
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.045 ng/u1
RT: 14.320 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

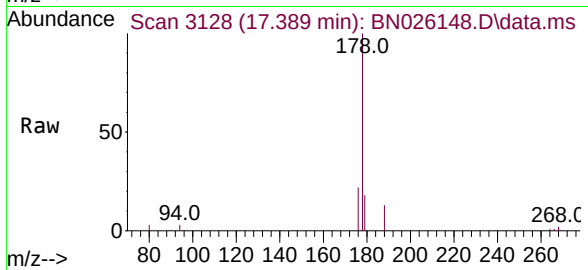
Tgt Ion:152 Resp: 3214
Ion Ratio Lower Upper
152 100
151 23.9 16.2 24.4
153 17.2 10.9 16.3





#15
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

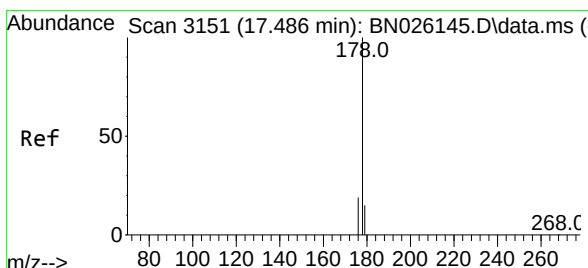
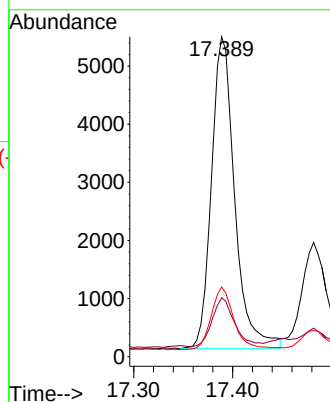
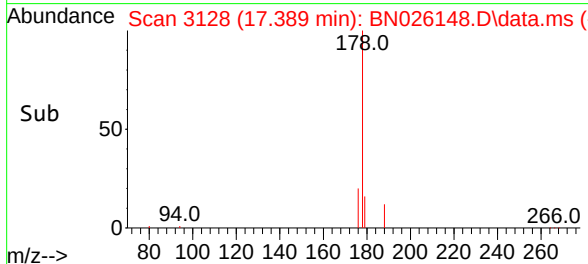
Instrument :
BNA_N
ClientSampleId :
DCF9DL



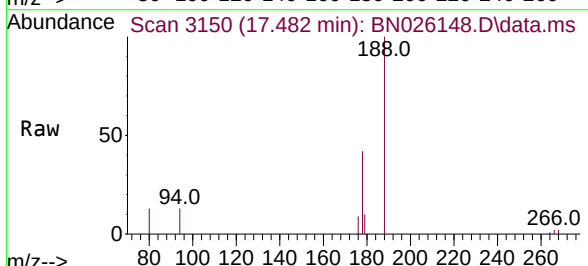
Tgt Ion:178 Resp: 8769
Ion Ratio Lower Upper
178 100
179 18.4 12.6 19.0
176 21.8 15.8 23.6

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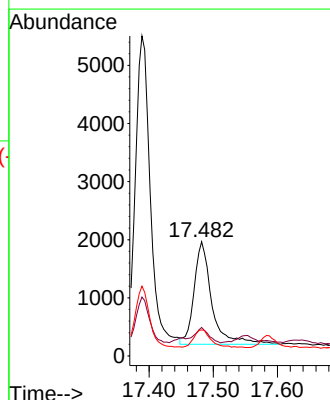
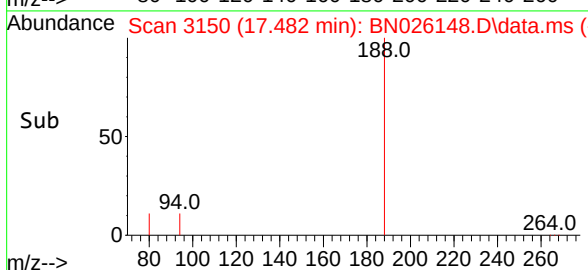
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

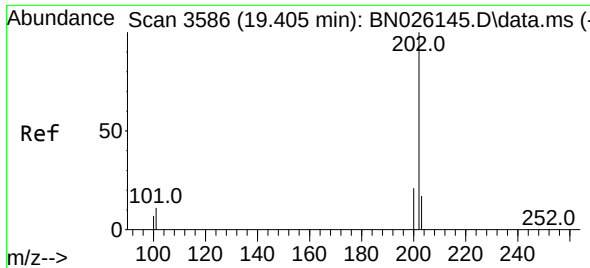


#16
Anthracene
Concen: 0.045 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00



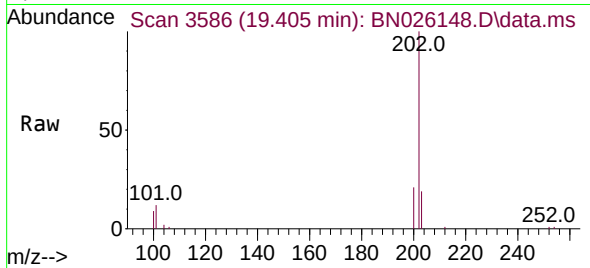
Tgt Ion:178 Resp: 3393
Ion Ratio Lower Upper
178 100
179 24.9 12.6 18.8#
176 22.8 15.1 22.7#





#19
Fluoranthene
Concen: 0.258 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

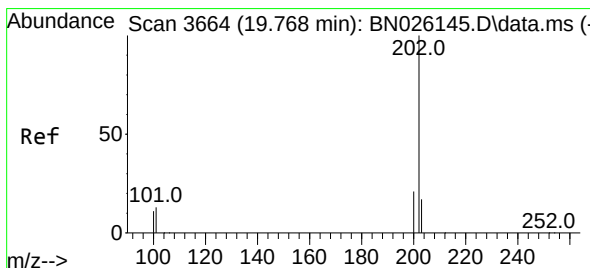
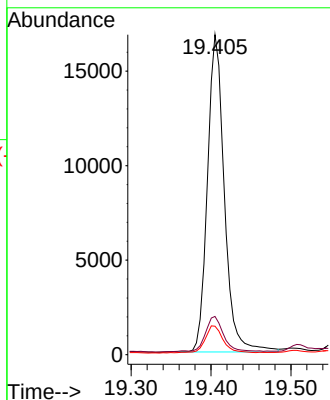
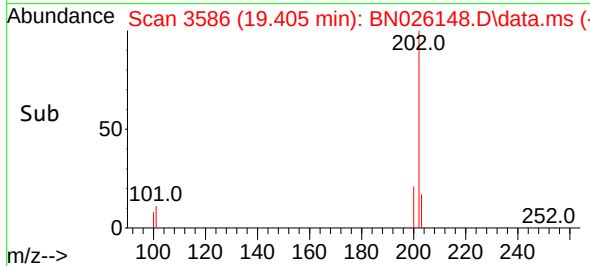
Instrument :
BNA_N
ClientSampleId :
DCFWD9DL



Tgt Ion:202 Resp: 24710
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 8.9 7.3 10.9

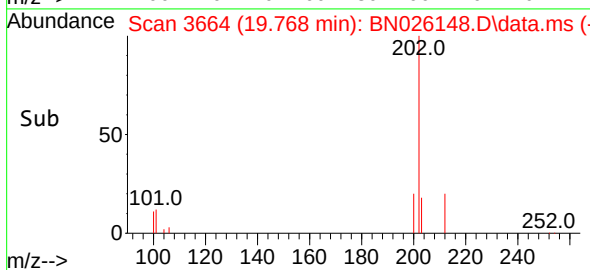
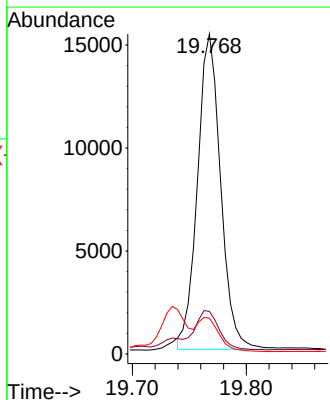
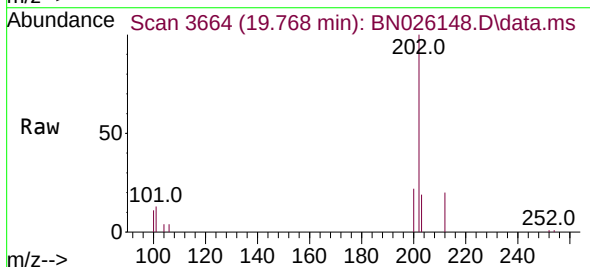
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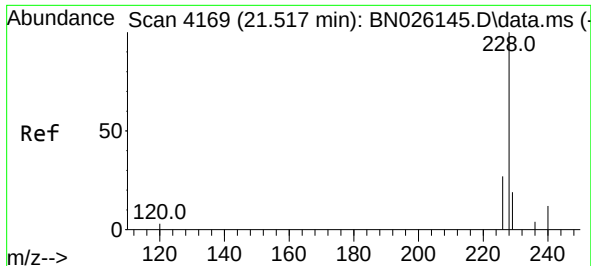
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 0.217 ng/ul m
RT: 19.768 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

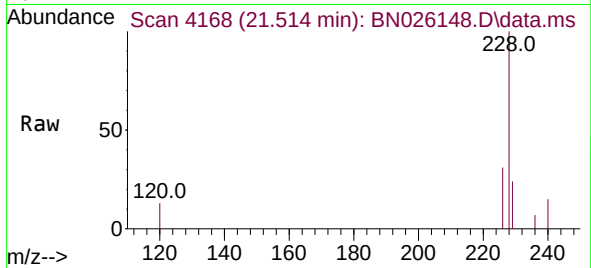
Tgt Ion:202 Resp: 21594
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.183 ng/ul m
RT: 21.514 min Scan# 4168
Delta R.T. -0.013 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

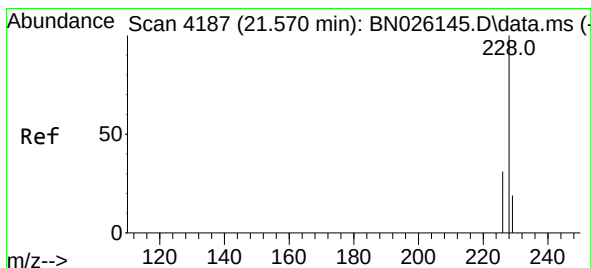
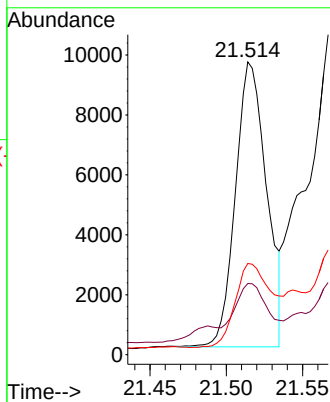
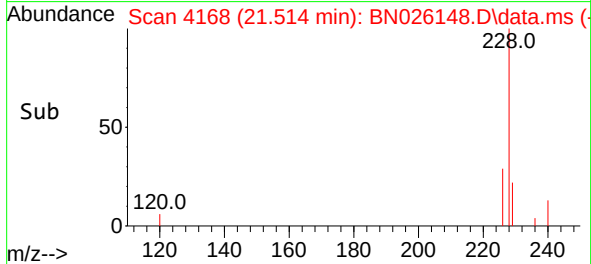
Instrument :
BNA_N
ClientSampleId :
DCF9DL



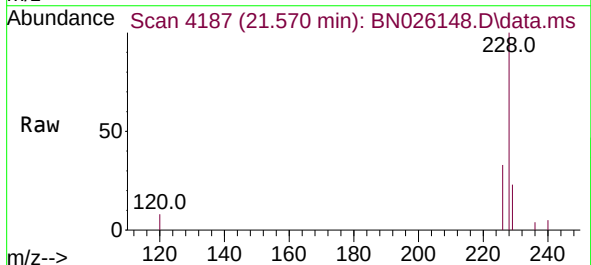
Tgt Ion:228 Resp: 1353
Ion Ratio Lower Upper
228 100
229 24.3 15.8 23.6
226 31.1 22.5 33.7

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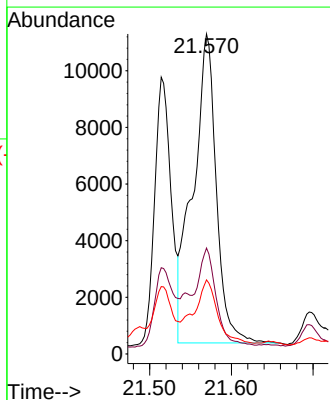
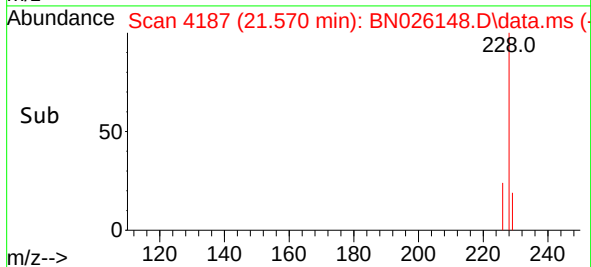
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

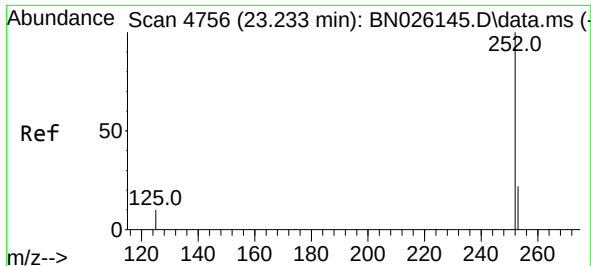


#22
Chrysene
Concen: 0.282 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00



Tgt Ion:228 Resp: 21667
Ion Ratio Lower Upper
228 100
226 33.1 24.8 37.2
229 23.2 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.528 ng/ul m

RT: 23.236 min Scan# 4756

Delta R.T. -0.007 min

Lab File: BN026148.D

Acq: 01 Jul 2023 13:00

Instrument :

BNA_N

ClientSampleId :

DCFW9DL

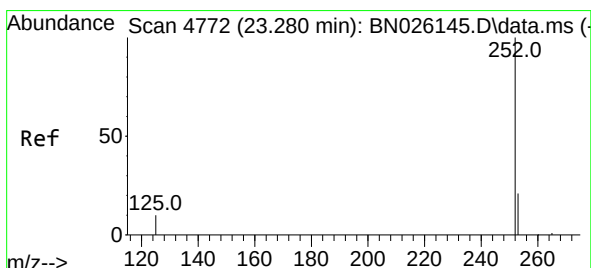
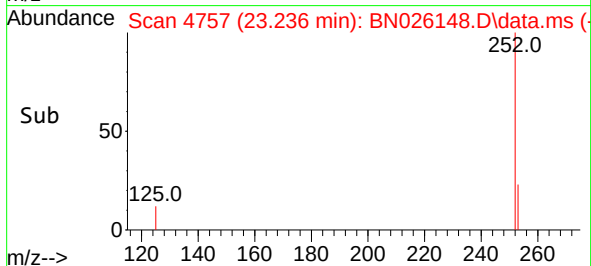
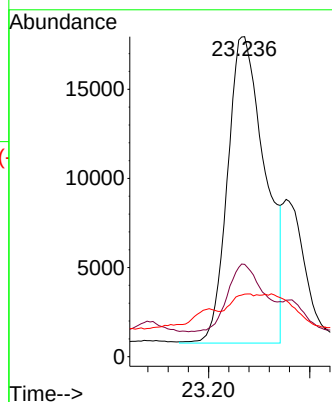
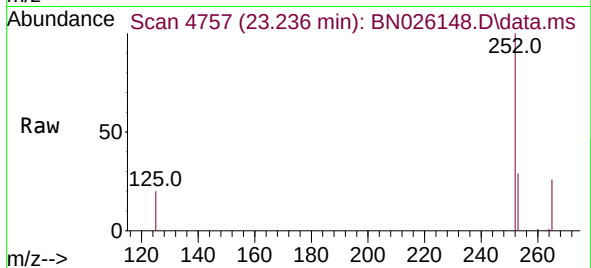
Tgt Ion:252 Resp: 4440

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	55.6
125	19.6	0.0	35.8

Manual Integrations

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#25

Benzo(k)fluoranthene

Concen: 0.151 ng/ul m

RT: 23.277 min Scan# 4771

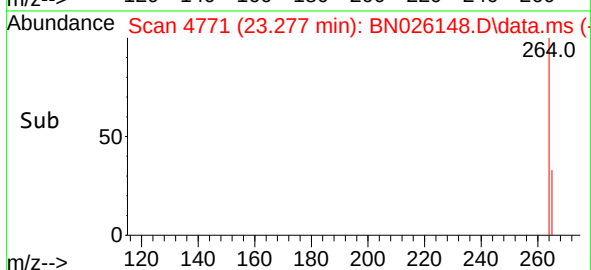
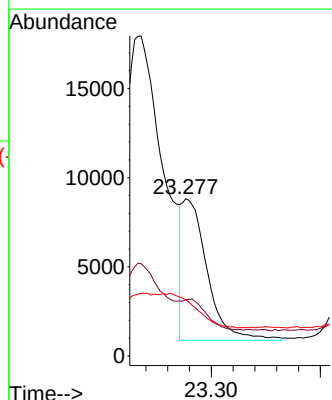
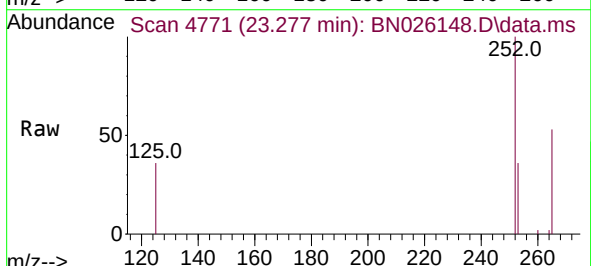
Delta R.T. -0.016 min

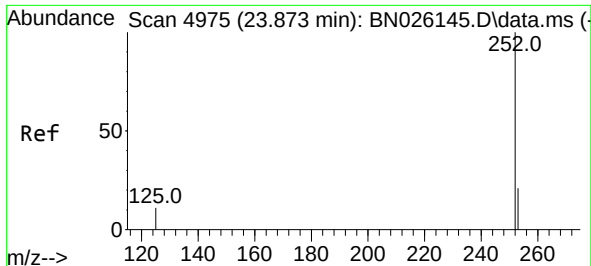
Lab File: BN026148.D

Acq: 01 Jul 2023 13:00

Tgt Ion:252 Resp: 12745

Ion	Ratio	Lower	Upper
252	100		
253	35.9	23.2	34.8#
125	35.7	15.0	22.4#





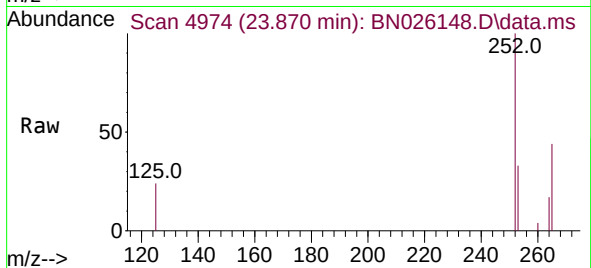
#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.870 min Scan# 4975
Delta R.T. -0.015 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :

BN026148.D

ClientSampleId :

DCFW9DL

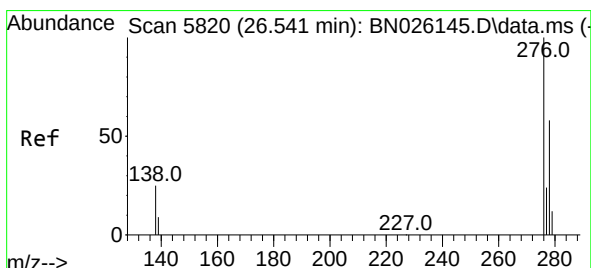
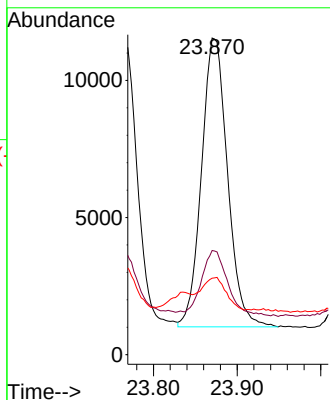
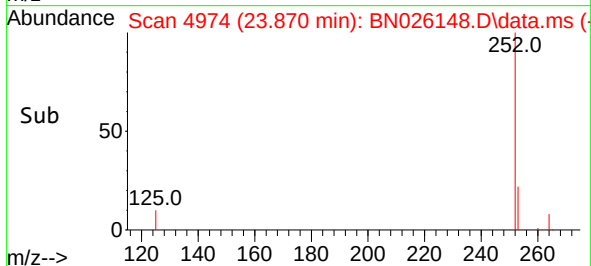


Tgt Ion:252 Resp: 2281
Ion Ratio Lower Upper
252 100
253 32.9 26.0 39.0
125 24.2 17.3 25.9

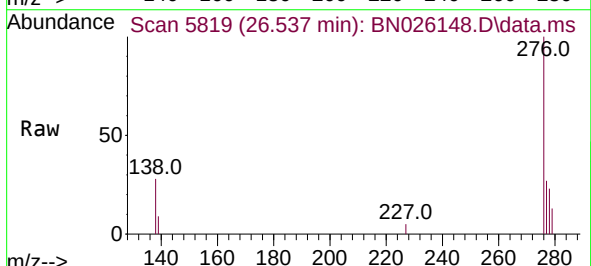
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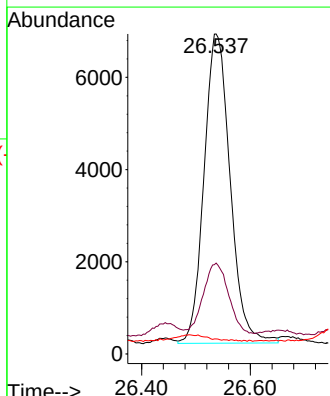
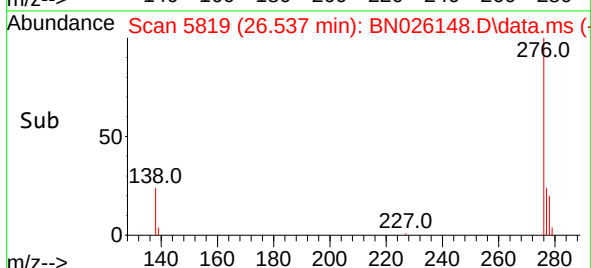
Reviewed By :Yogesh Patel 07/02/2023
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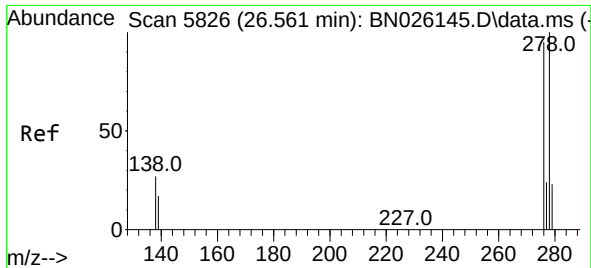


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.021 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00



Tgt Ion:276 Resp: 22377
Ion Ratio Lower Upper
276 100
138 22.1 24.5 36.7#
227 0.0 0.0 0.0





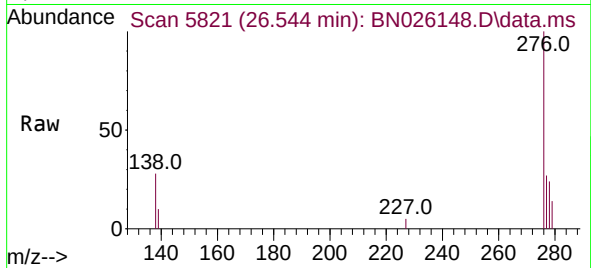
#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.544 min Scan# 5826
Delta R.T. -0.034 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :

BNA_N

ClientSampleId :

DCFWD9DL

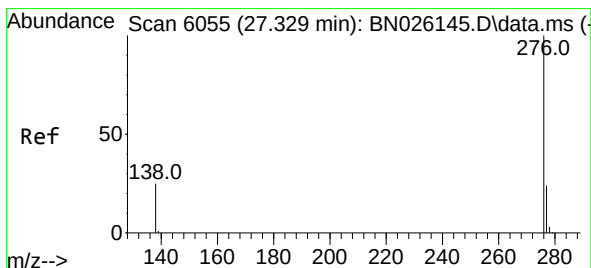
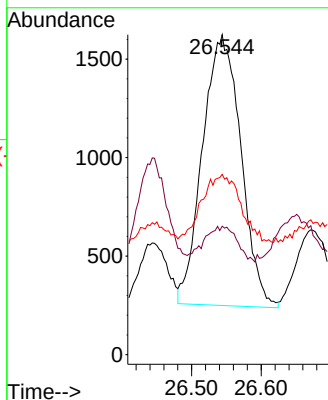
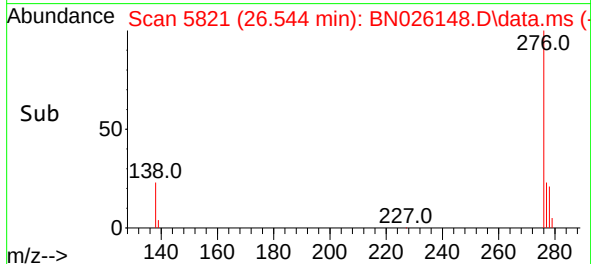


Tgt Ion:278 Resp: 5259
Ion Ratio Lower Upper
278 100
139 40.1 19.0 28.4
279 56.3 26.7 40.1

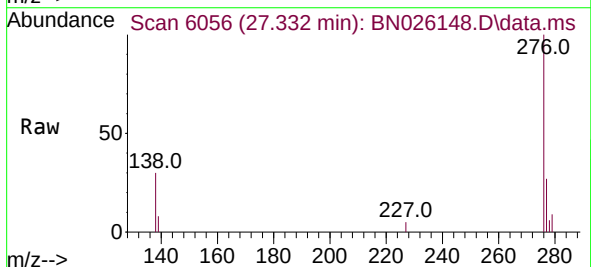
Manual Integrations

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#29
Benzo(g,h,i)perylene
Concen: 0.297 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. -0.014 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00



Tgt Ion:276 Resp: 21116
Ion Ratio Lower Upper
276 100
138 29.8 23.4 35.0
277 26.7 20.0 30.0

