

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026204.D
 Acq On : 03 Jul 2023 00:56
 Operator : MA/JU
 Sample : 03244-10
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 06:28:39 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	7.955	152	7757	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	24358	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	28933	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	15710	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	17566	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	29211	3.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	9184	0.245	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	20370	0.341	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	1482	0.021	ng/ul#	77
7) 2-Methylnaphthalene	12.431	142	944	0.021	ng/ul	97
10) Acenaphthylene	14.320	152	4508	0.067	ng/ul#	92
15) Phenanthrene	17.389	178	21351	0.223	ng/ul	98
16) Anthracene	17.478	178	6961	0.082	ng/ul#	88
19) Fluoranthene	19.405	202	57677	0.687	ng/ul#	75
20) Pyrene	19.768	202	48143m	0.552	ng/ul	
21) Benzo(a)anthracene	21.517	228	25212	0.389	ng/ul	93
22) Chrysene	21.567	228	33086	0.491	ng/ul#	94
24) Benzo(b)fluoranthene	23.239	252	57518m	0.767	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	17760m	0.236	ng/ul	
26) Benzo(a)pyrene	23.891	252	33993	0.522	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.577	276	31408	0.442	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.591	278	7064	0.131	ng/ul#	58
29) Benzo(g,h,i)perylene	27.382	276	30403	0.481	ng/ul	96

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

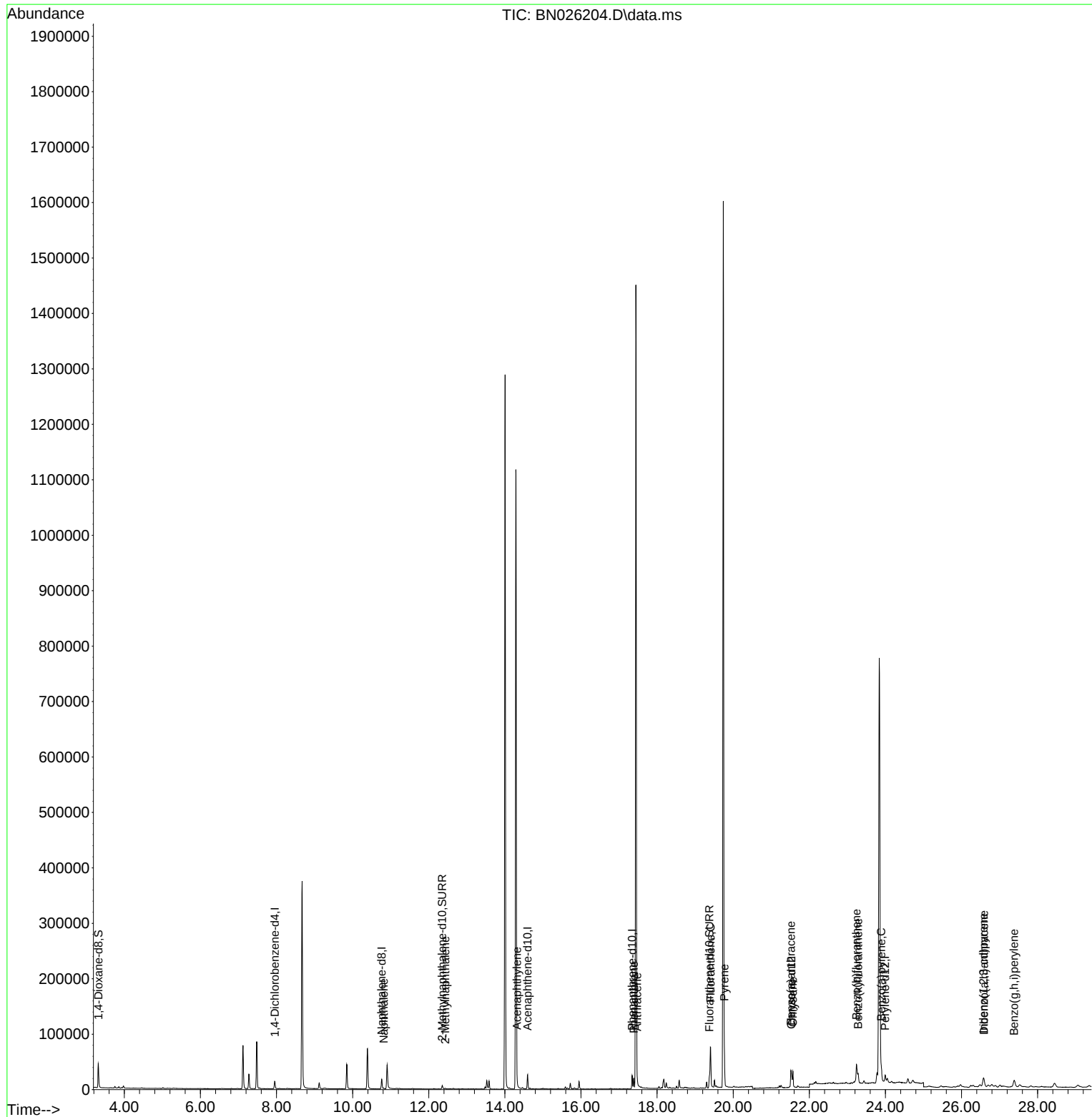
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026204.D
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ALS Vial : 61 Sample Multiplier: 1

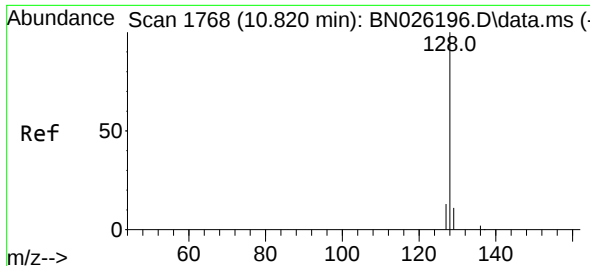
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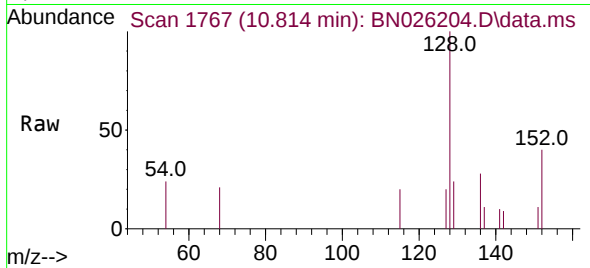
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

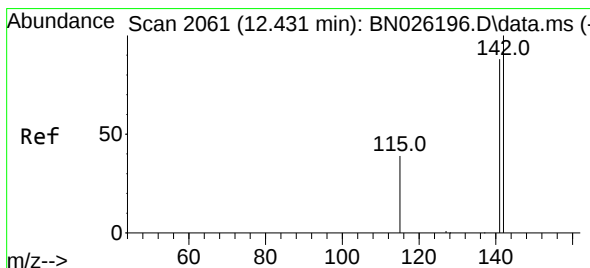
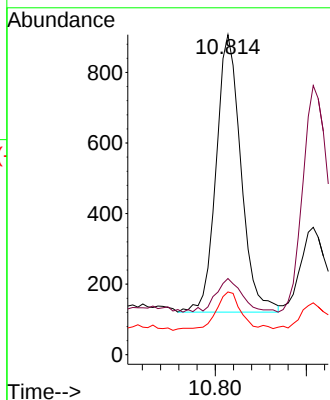
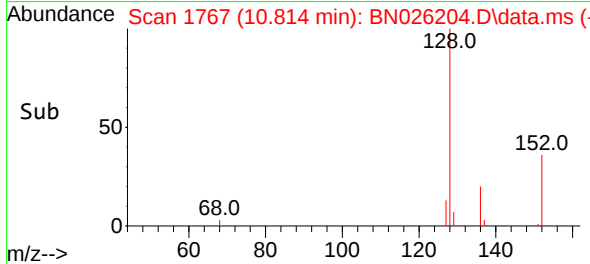
Instrument :
BNA_N
ClientSampleId :
DCGE9



Tgt Ion:128 Resp: 148
Ion Ratio Lower Upper
128 100
129 23.8 9.1 13.7
127 19.6 10.7 16.1

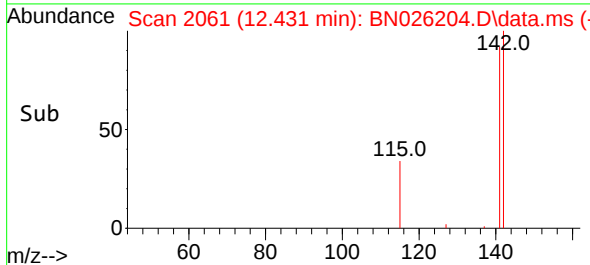
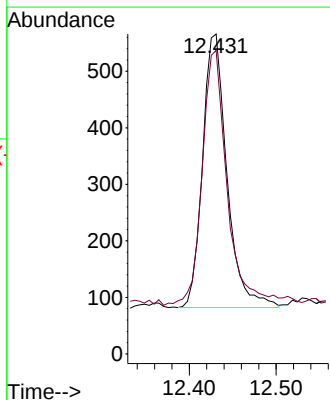
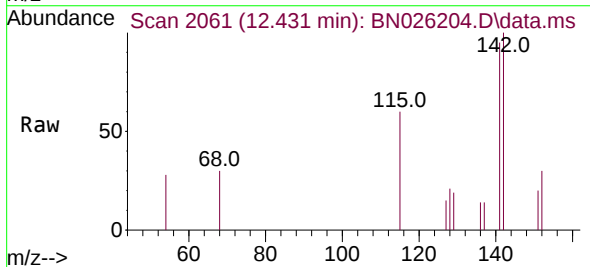
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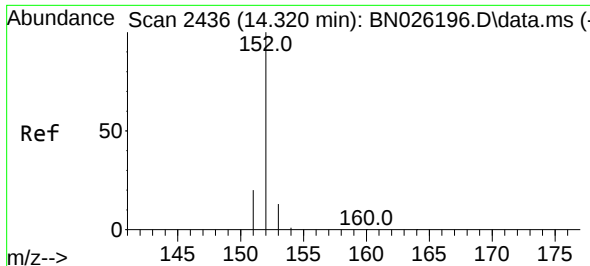
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

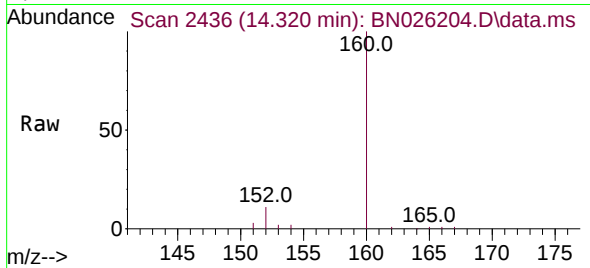
Tgt Ion:142 Resp: 944
Ion Ratio Lower Upper
142 100
141 92.8 71.9 107.9





#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

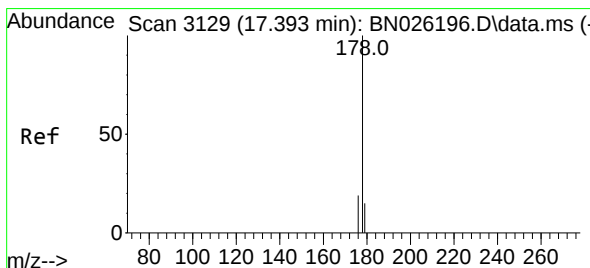
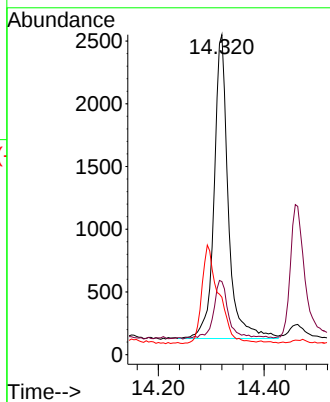
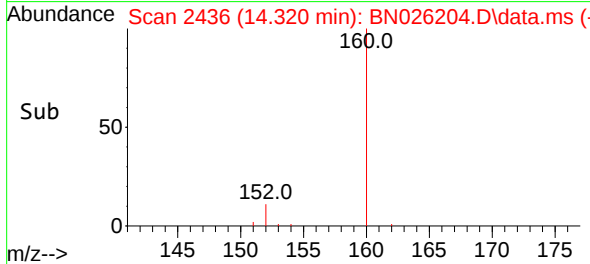
Instrument :
BNA_N
ClientSampleId :
DCGE9



Tgt Ion:152 Resp: 4500
Ion Ratio Lower Upper
152 100
151 22.8 16.2 24.4
153 17.9 10.9 16.3

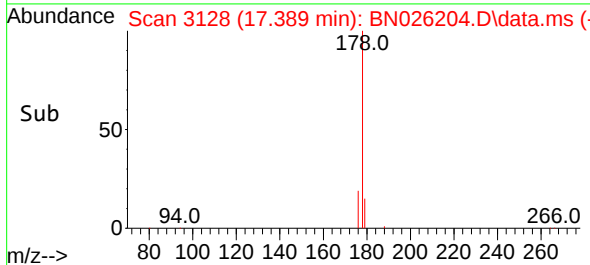
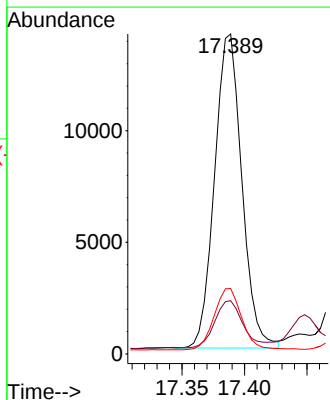
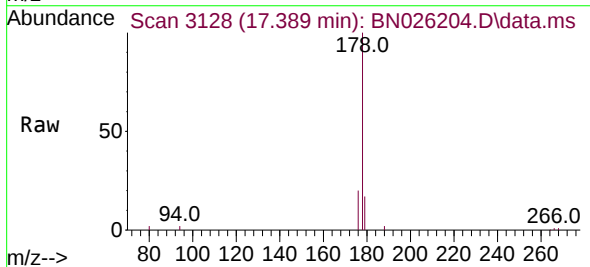
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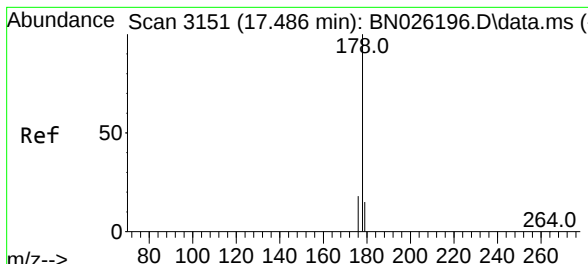
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#15
Phenanthrene
Concen: 0.223 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

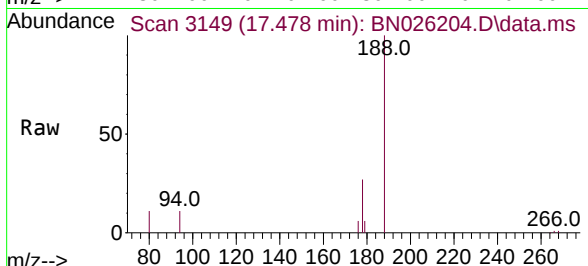
Tgt Ion:178 Resp: 21351
Ion Ratio Lower Upper
178 100
179 16.7 12.6 19.0
176 20.4 15.8 23.6





#16
 Anthracene
 Concen: 0.082 ng/ul
 RT: 17.478 min Scan# 3149
 Delta R.T. -0.009 min
 Lab File: BN026204.D
 Acq: 03 Jul 2023 00:56

Instrument :
 BNA_N
 ClientSampleId :
 DCGE9

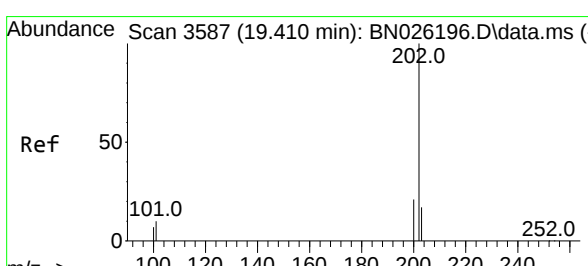
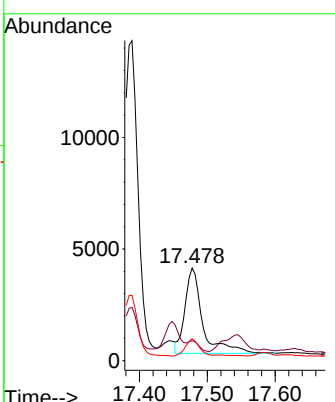
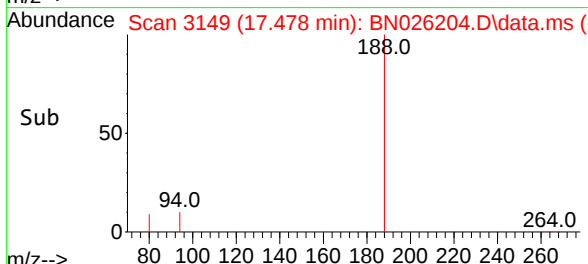


Tgt Ion:178 Resp: 696

Ion	Ratio	Lower	Upper
178	100		
179	21.6	12.6	18.8
176	23.6	15.1	22.7

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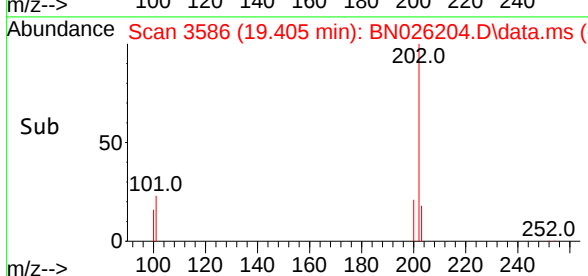
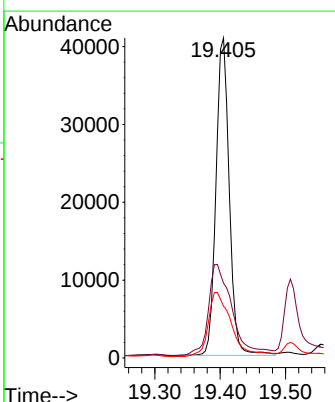
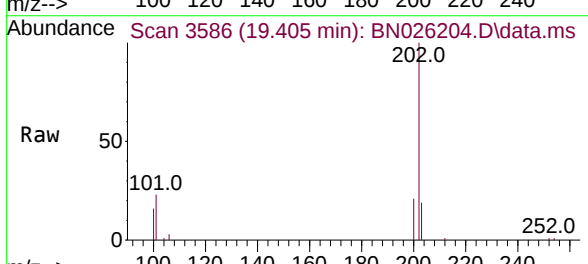
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

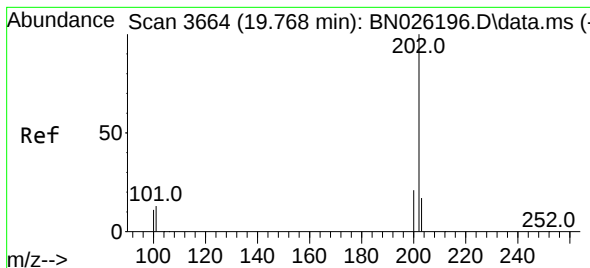


#19
 Fluoranthene
 Concen: 0.687 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.006 min
 Lab File: BN026204.D
 Acq: 03 Jul 2023 00:56

Tgt Ion:202 Resp: 57677

Ion	Ratio	Lower	Upper
202	100		
101	23.4	9.5	14.3
100	16.2	7.3	10.9





#20

Pyrene

Concen: 0.552 ng/ul m

RT: 19.768 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN026204.D

Acq: 03 Jul 2023 00:56

Instrument :

BNA_N

ClientSampleId :

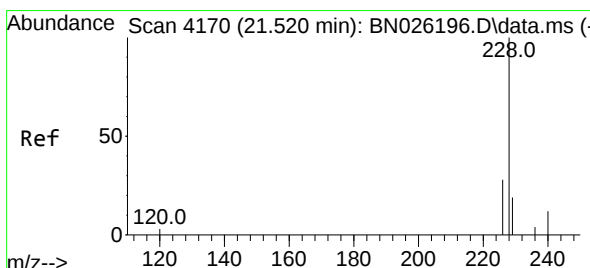
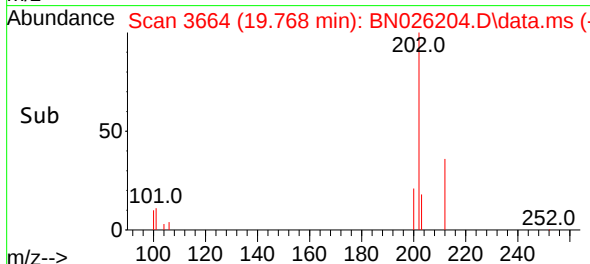
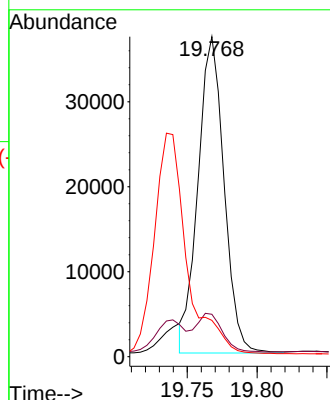
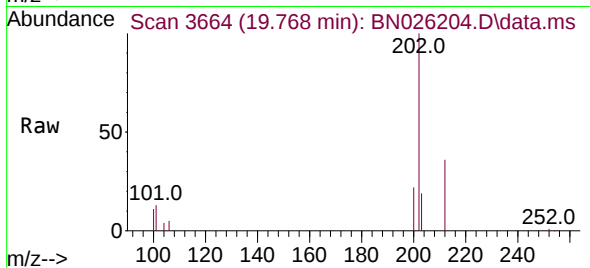
DCGE9

Tgt Ion:	202	Resp:	4814
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.4	17.0
100	11.4	9.1	13.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#21

Benzo(a)anthracene

Concen: 0.389 ng/ul

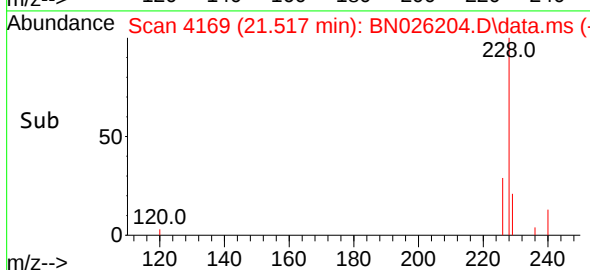
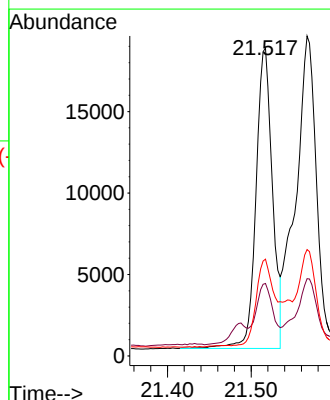
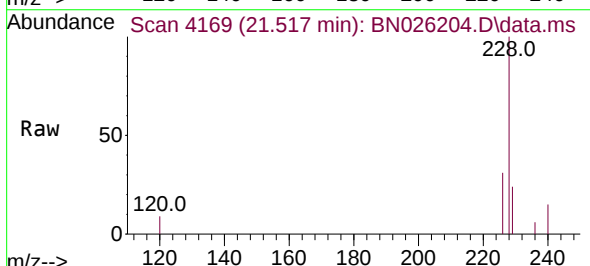
RT: 21.517 min Scan# 4169

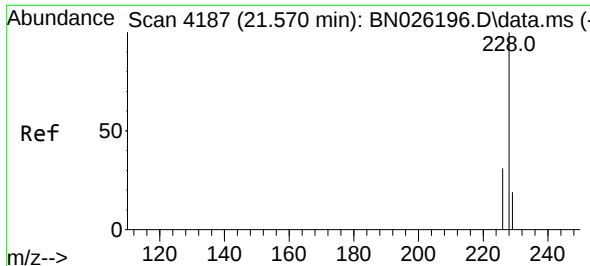
Delta R.T. -0.010 min

Lab File: BN026204.D

Acq: 03 Jul 2023 00:56

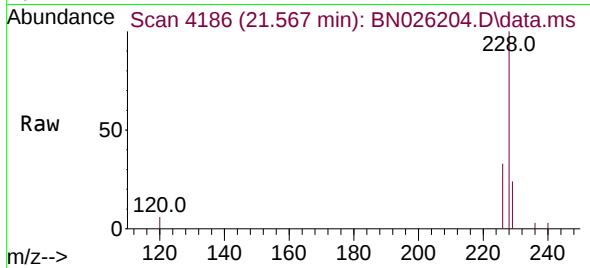
Tgt Ion:	228	Resp:	25212
Ion Ratio	Lower	Upper	
228	100		
229	23.5	15.8	23.6
226	31.4	22.5	33.7





#22
Chrysene
Concen: 0.491 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.013 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

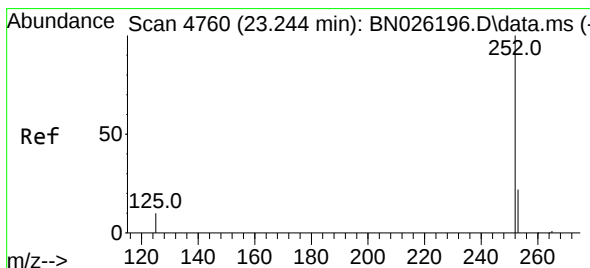
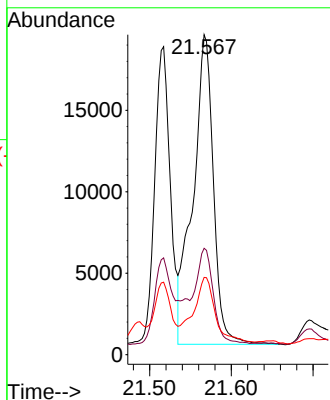
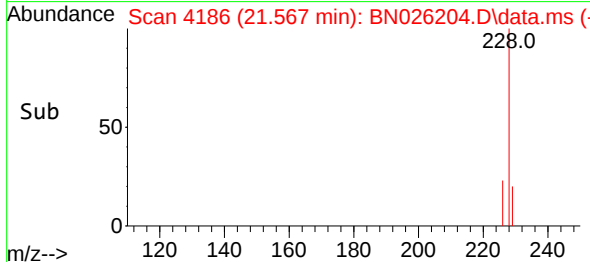
Instrument :
BNA_N
ClientSampleId :
DCGE9



Tgt Ion:228 Resp: 33080
Ion Ratio Lower Upper
228 100
226 33.3 24.8 37.2
229 24.1 15.7 23.5

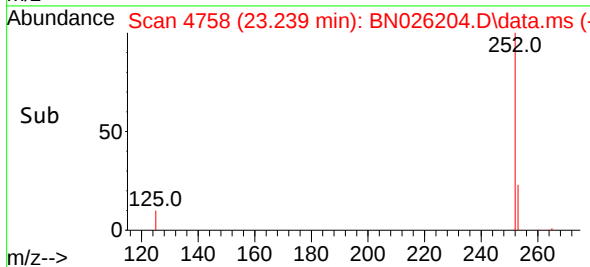
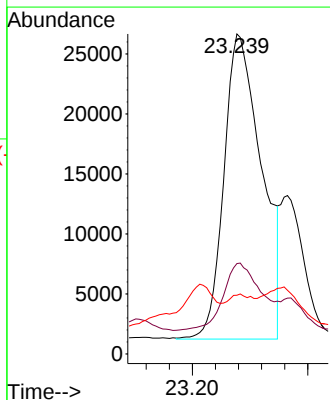
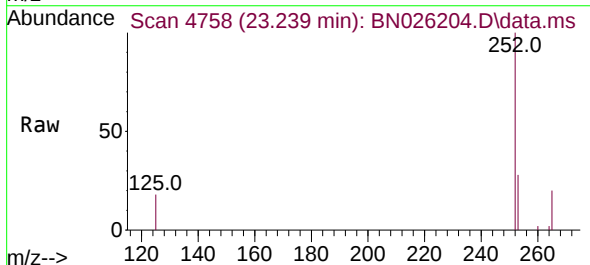
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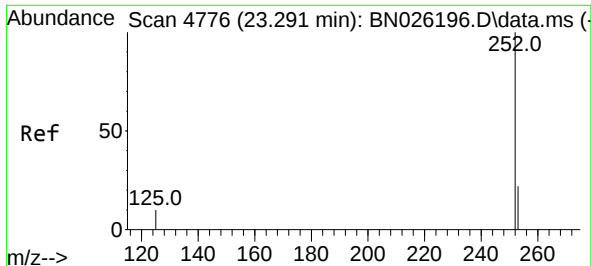
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#24
Benzo(b)fluoranthene
Concen: 0.767 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.004 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

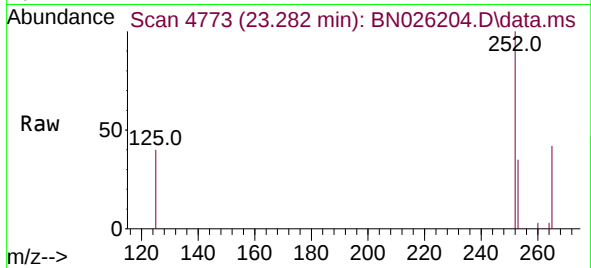
Tgt Ion:252 Resp: 57518
Ion Ratio Lower Upper
252 100
253 28.3 0.0 55.6
125 18.4 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul m
RT: 23.282 min Scan# 4773
Delta R.T. -0.010 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

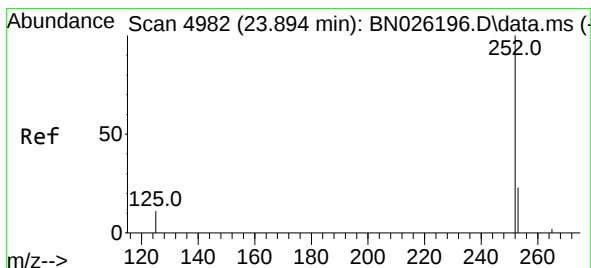
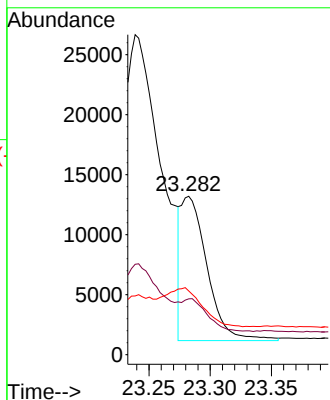
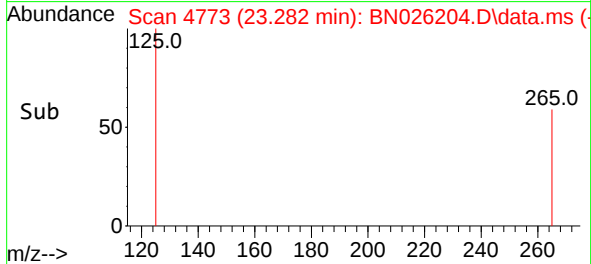
Instrument :
BNA_N
ClientSampleId :
DCGE9



Tgt Ion:252 Resp: 17760
Ion Ratio Lower Upper
252 100
253 35.3 23.2 34.8
125 40.2 15.0 22.4

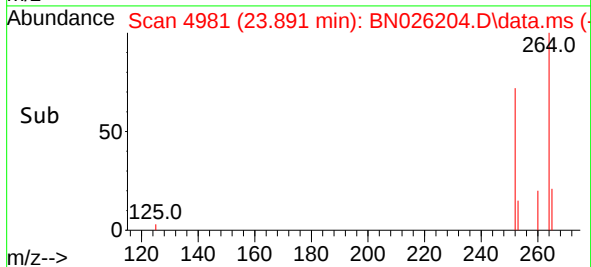
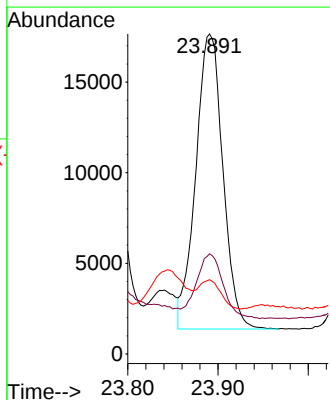
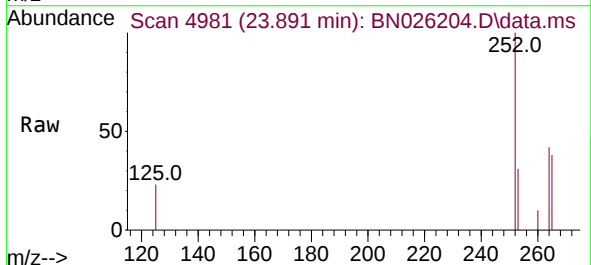
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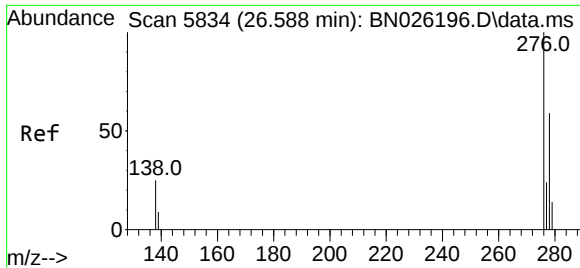
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#26
Benzo(a)pyrene
Concen: 0.522 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. 0.005 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

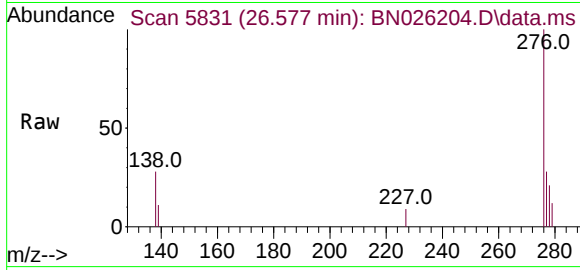
Tgt Ion:252 Resp: 33993
Ion Ratio Lower Upper
252 100
253 31.3 26.0 39.0
125 23.2 17.3 25.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.442 ng/ul
 RT: 26.577 min Scan# 5831
 Delta R.T. 0.019 min
 Lab File: BN026204.D
 Acq: 03 Jul 2023 00:56

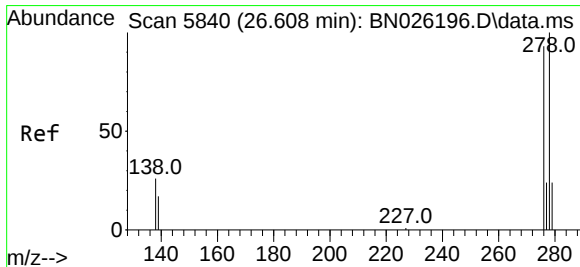
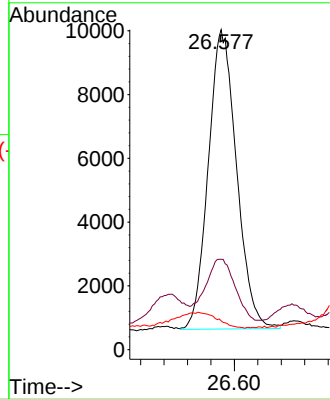
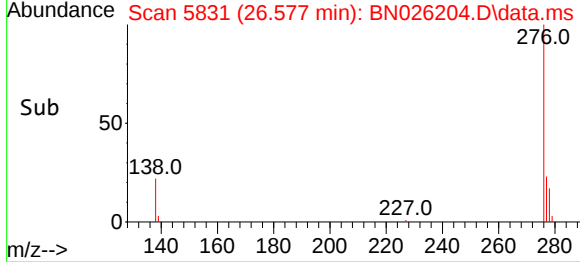
Instrument :
 BNA_N
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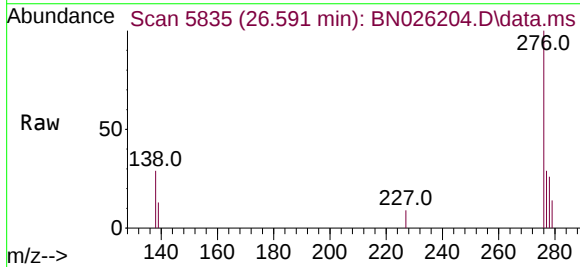
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 Ion Ratio Lower Upper
 276 100
 138 20.7 24.5 36.7#
 227 0.0 0.0 0.0

Manual Integrations
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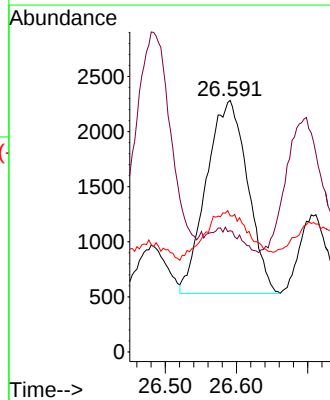
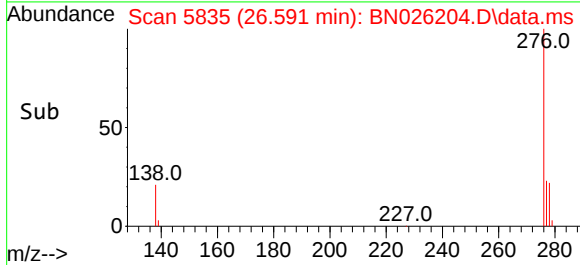
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

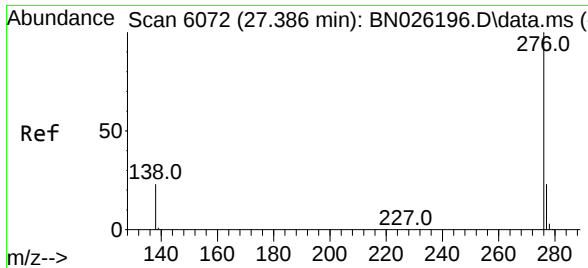


#28
 Dibenzo(a,h)anthracene
 Concen: 0.131 ng/ul
 RT: 26.591 min Scan# 5835
 Delta R.T. 0.013 min
 Lab File: BN026204.D
 Acq: 03 Jul 2023 00:56



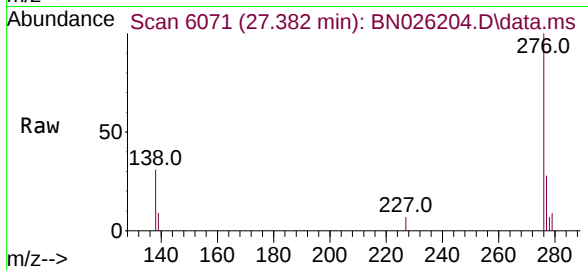
Tgt Ion:278 Resp: 7064
 Ion Ratio Lower Upper
 278 100
 139 48.2 19.0 28.4#
 279 54.2 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.481 ng/ul
RT: 27.382 min Scan# 6072
Delta R.T. 0.036 min
Lab File: BN026204.D
Acq: 03 Jul 2023 00:56

Instrument :
BNA_N
ClientSampleId :
DCGE9



Tgt Ion: 276 Resp: 3040
Ion Ratio Lower Upper
276 100
138 30.8 23.4 35.0
277 27.9 20.0 30.0

Manual Integrations
APPROVED

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