

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026200.D
 Acq On : 02 Jul 2023 22:30
 Operator : MA/JU
 Sample : 03244-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE5

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 06:27:59 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	7733	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	24650	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	14008	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	27139	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	15175	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	16717	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	20397	2.342	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	6109	0.161	ng/ul	-0.01
18) Fluoranthene-d10	19.374	212	11572	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	1445	0.020	ng/ul#	77
10) Acenaphthylene	14.321	152	3888	0.059	ng/ul#	89
11) Acenaphthene	14.659	153	1563	0.029	ng/ul	94
15) Phenanthrene	17.386	178	27207	0.304	ng/ul	98
16) Anthracene	17.479	178	4111	0.052	ng/ul#	87
19) Fluoranthene	19.401	202	81688	1.008	ng/ul	99
20) Pyrene	19.764	202	67120m	0.796	ng/ul	
21) Benzo(a)anthracene	21.515	228	37327	0.596	ng/ul#	91
22) Chrysene	21.568	228	44050	0.676	ng/ul#	82
24) Benzo(b)fluoranthene	23.243	252	76195m	1.068	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	26372m	0.368	ng/ul	
26) Benzo(a)pyrene	23.892	252	50140	0.809	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.582	276	44615	0.659	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.592	278	10298	0.201	ng/ul#	66
29) Benzo(g,h,i)perylene	27.380	276	43459	0.722	ng/ul	97

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

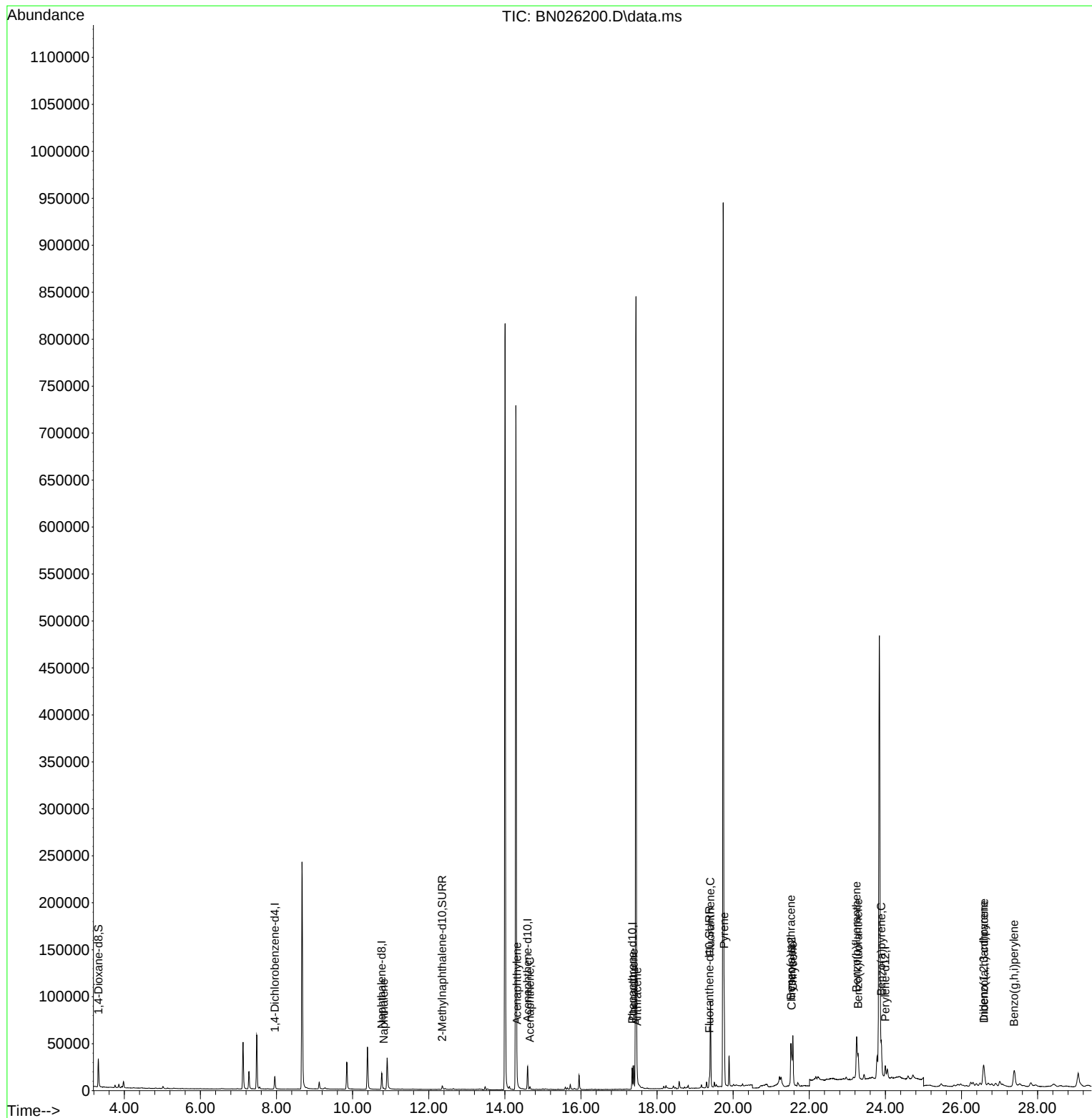
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026200.D
Acq On : 02 Jul 2023 22:30
Operator : MA/JU
Sample : 03244-06
Misc :
ALS Vial : 57 Sample Multiplier: 1

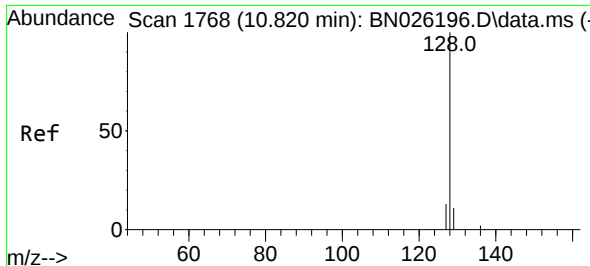
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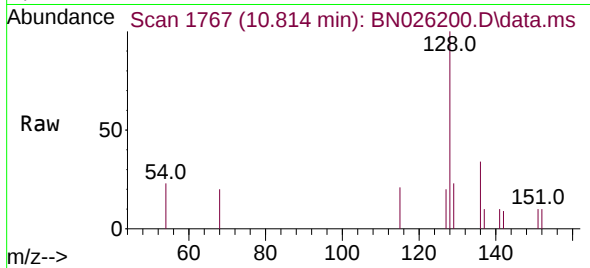
Quant Time: Jul 03 06:27:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

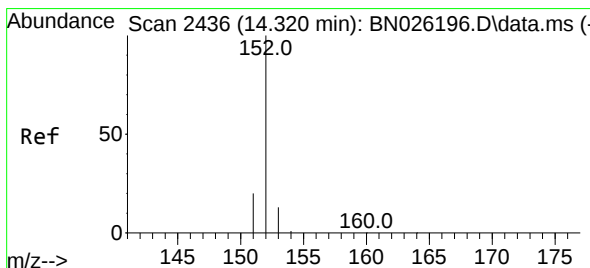
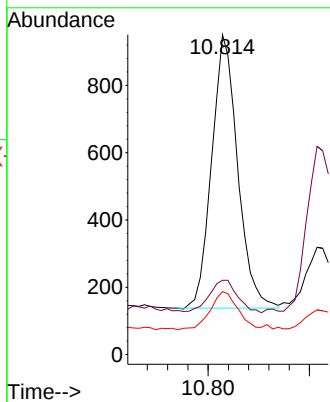
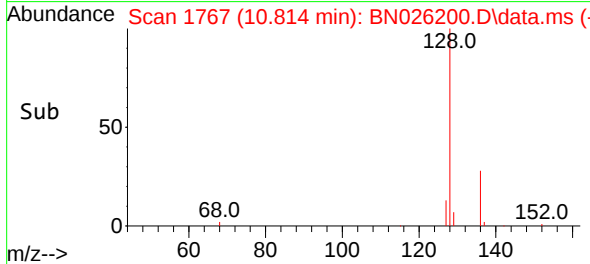
Instrument :
BNA_N
ClientSampleId :
DCGE5



Tgt Ion:128 Resp: 1445
Ion Ratio Lower Upper
128 100
129 23.2 9.1 13.7#
127 19.7 10.7 16.1#

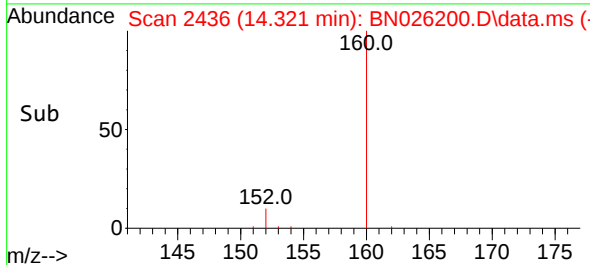
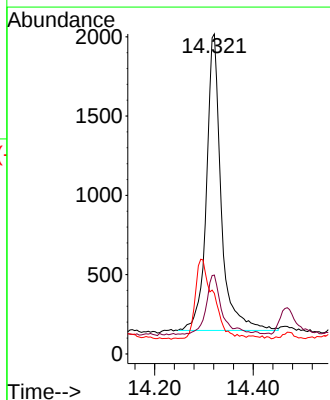
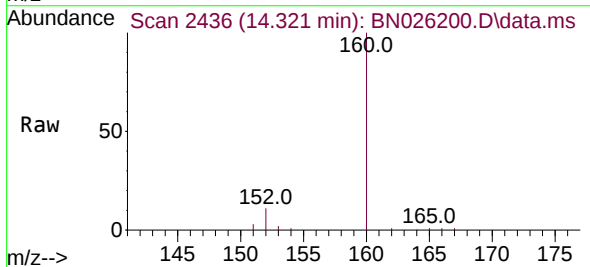
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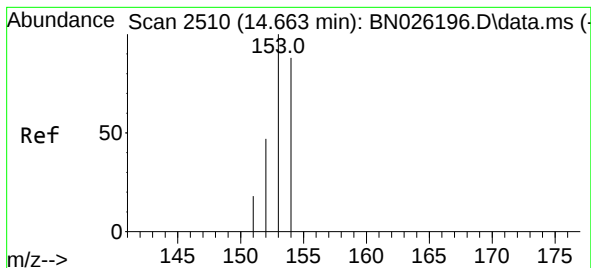
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.321 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

Tgt Ion:152 Resp: 3888
Ion Ratio Lower Upper
152 100
151 24.6 16.2 24.4#
153 18.9 10.9 16.3#





#11

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.659 min Scan# 2509

Delta R.T. -0.009 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

Instrument :

BNA_N

ClientSampleId :

DCGE5

Tgt Ion:153 Resp: 156

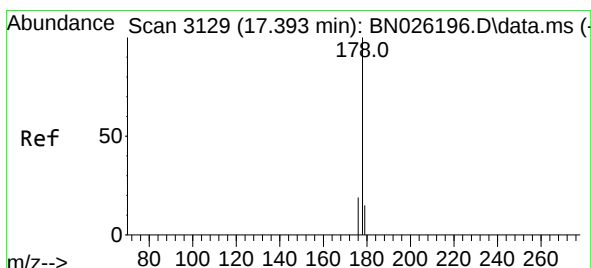
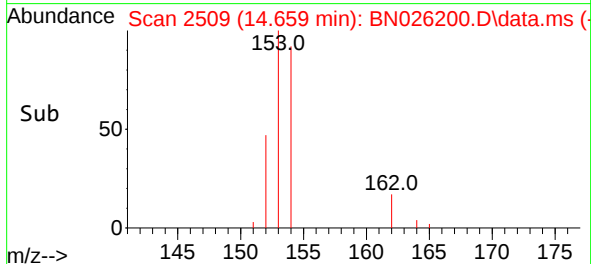
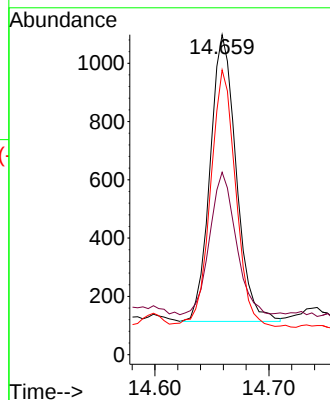
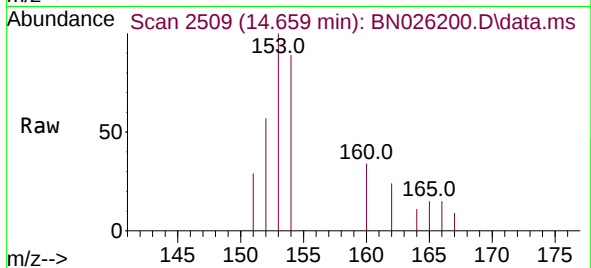
Ion	Ratio	Lower	Upper
153	100		
152	57.0	39.4	59.0
154	89.0	68.9	103.3

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Supervised By :Sohil Jodhani 07/04/2023



#15

Phenanthrene

Concen: 0.304 ng/ul

RT: 17.386 min Scan# 3127

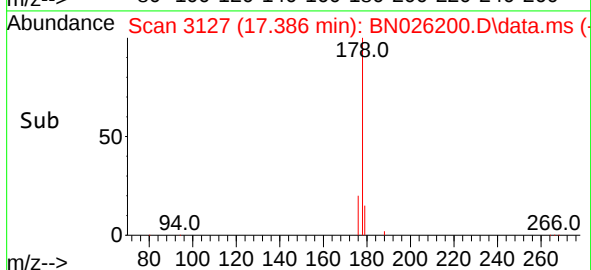
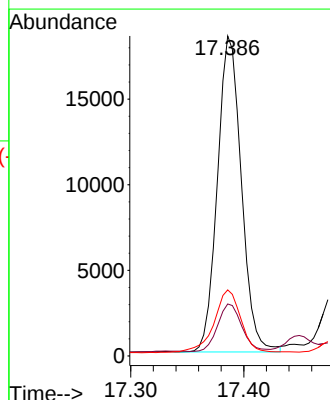
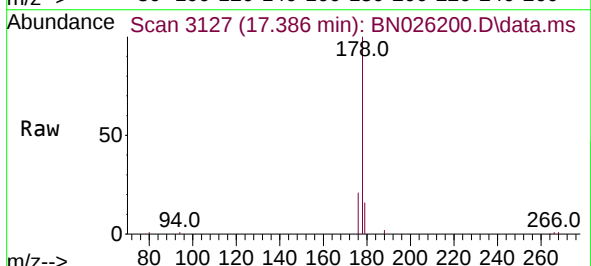
Delta R.T. -0.008 min

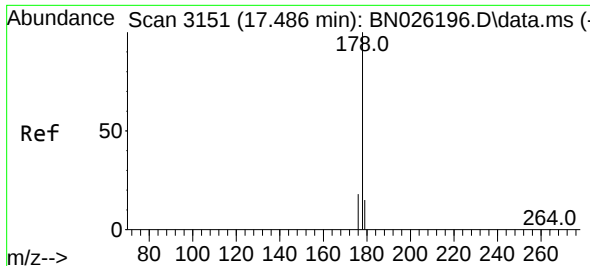
Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

Tgt Ion:178 Resp: 27207

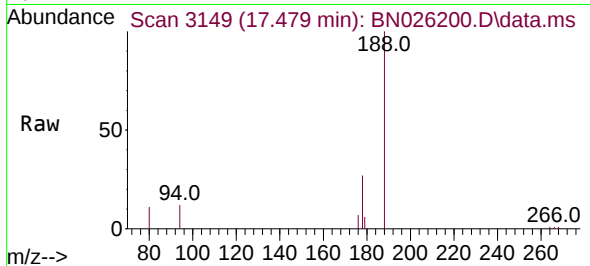
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	20.6	15.8	23.6





#16
 Anthracene
 Concen: 0.052 ng/ul
 RT: 17.479 min Scan# 3151
 Delta R.T. -0.008 min
 Lab File: BN026200.D
 Acq: 02 Jul 2023 22:30

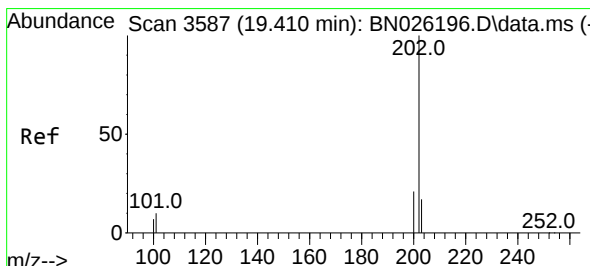
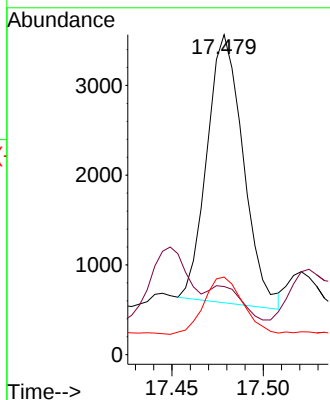
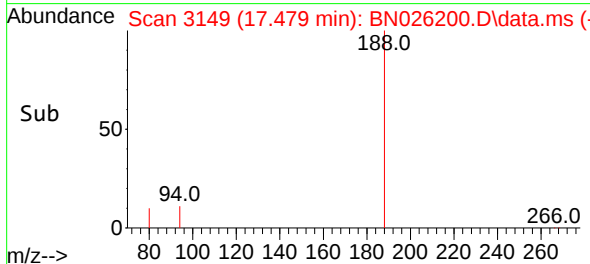
Instrument :
 BNA_N
 ClientSampleId :
 DCGE5



Tgt Ion:178 Resp: 4111
 Ion Ratio Lower Upper
 178 100
 179 21.3 12.6 18.8
 176 24.2 15.1 22.7

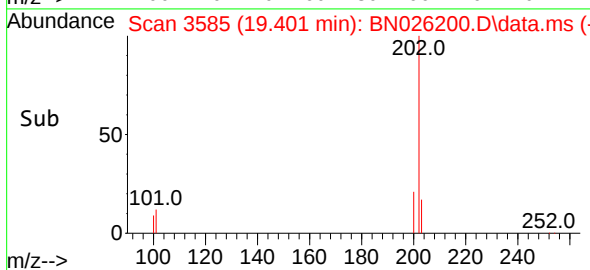
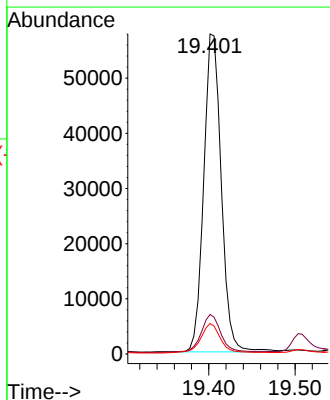
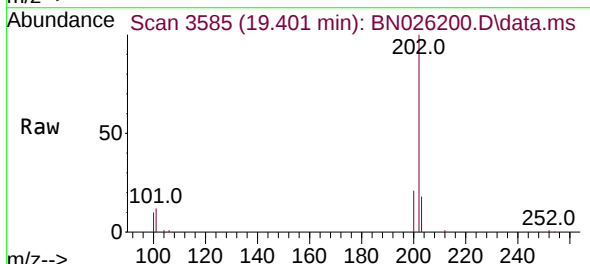
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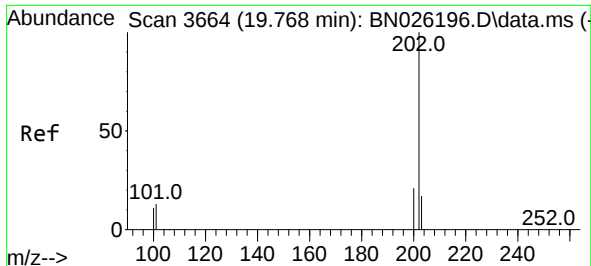
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023



#19
 Fluoranthene
 Concen: 1.008 ng/ul
 RT: 19.401 min Scan# 3585
 Delta R.T. -0.009 min
 Lab File: BN026200.D
 Acq: 02 Jul 2023 22:30

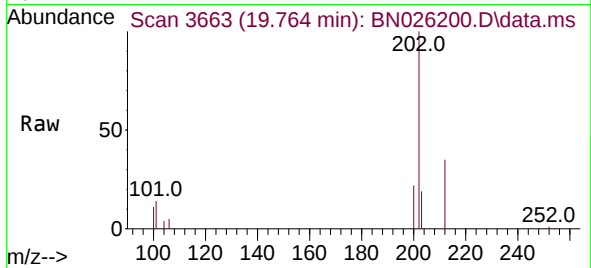
Tgt Ion:202 Resp: 81688
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.5 14.3
 100 9.5 7.3 10.9





#20
Pyrene
Concen: 0.796 ng/ul m
RT: 19.764 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

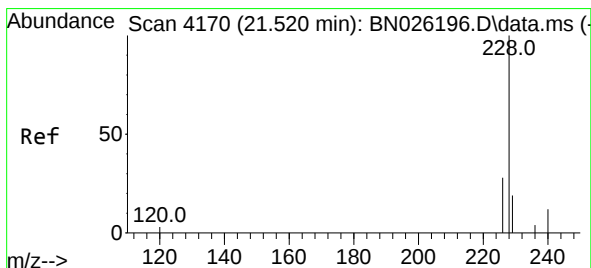
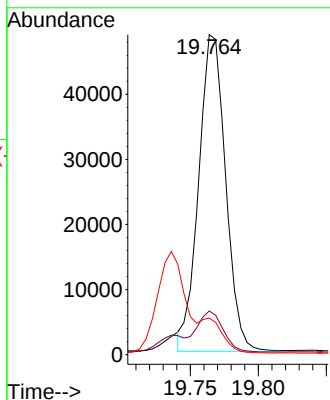
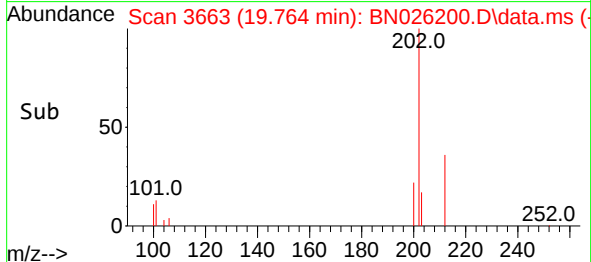
Instrument :
BNA_N
ClientSampleId :
DCGE5



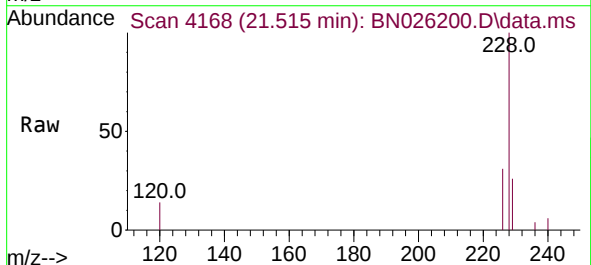
Tgt Ion:202 Resp: 67120
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 11.4 9.1 13.7

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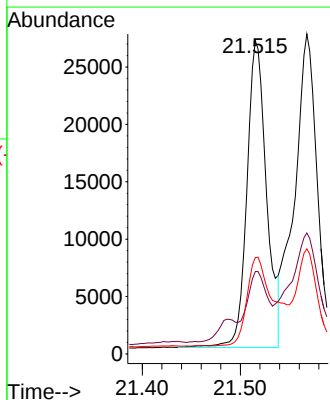
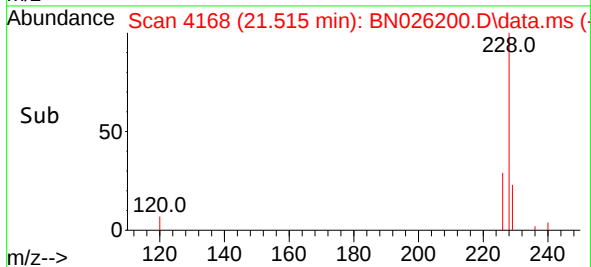
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

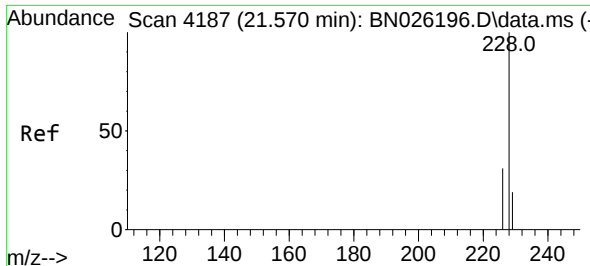


#21
Benzo(a)anthracene
Concen: 0.596 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30



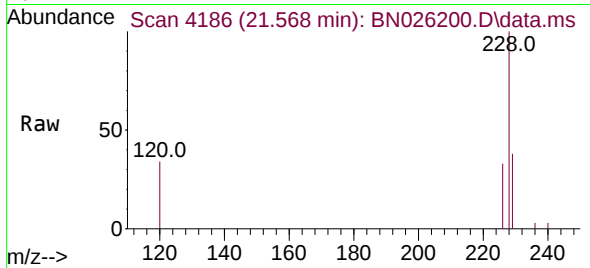
Tgt Ion:228 Resp: 37327
Ion Ratio Lower Upper
228 100
229 26.3 15.8 23.6#
226 30.7 22.5 33.7





#22
Chrysene
Concen: 0.676 ng/ul
RT: 21.568 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

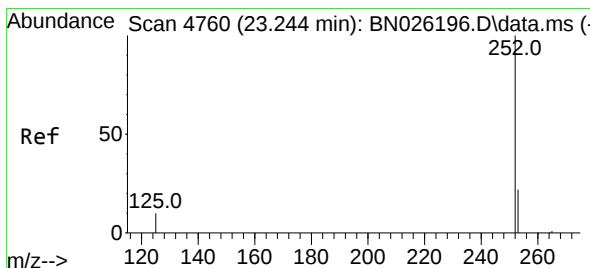
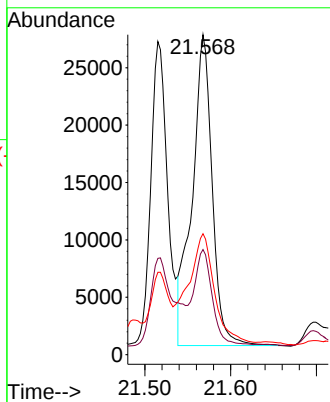
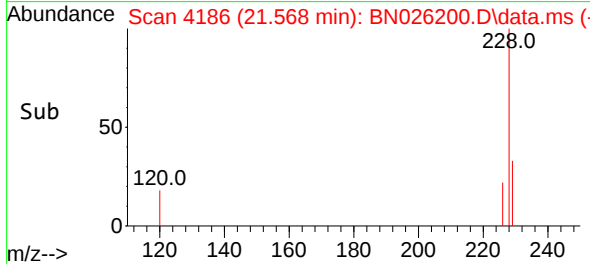
Instrument :
BNA_N
ClientSampleId :
DCGE5



Tgt Ion:228 Resp: 44050
Ion Ratio Lower Upper
228 100
226 32.9 24.8 37.2
229 37.8 15.7 23.5

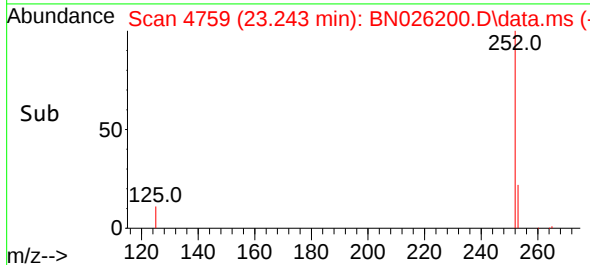
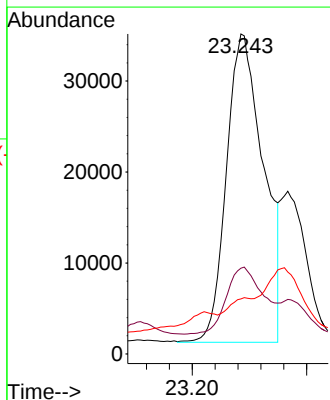
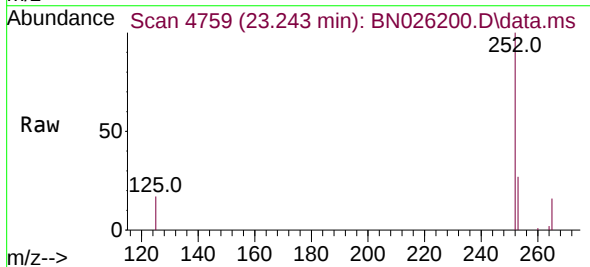
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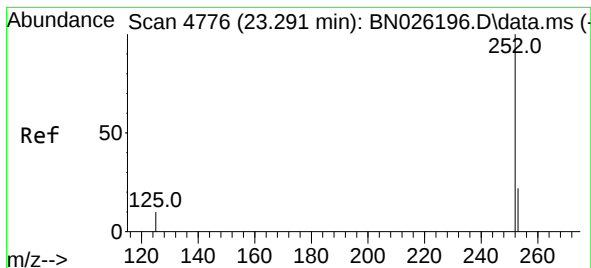
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#24
Benzo(b)fluoranthene
Concen: 1.068 ng/ul m
RT: 23.243 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

Tgt Ion:252 Resp: 76195
Ion Ratio Lower Upper
252 100
253 26.8 0.0 55.6
125 17.2 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.368 ng/ul m

RT: 23.283 min Scan# 4776

Delta R.T. -0.009 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

Instrument :

BNA_N

ClientSampleId :

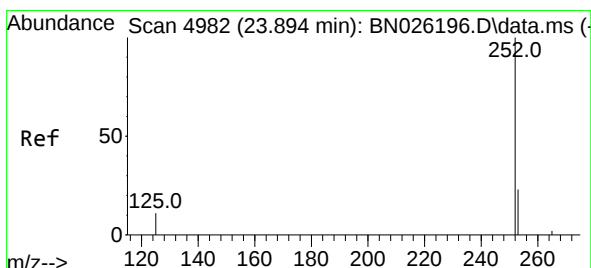
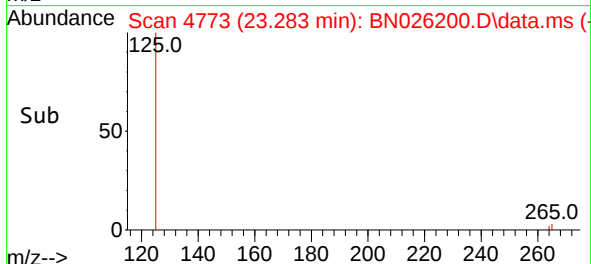
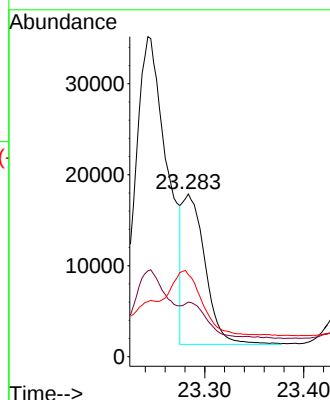
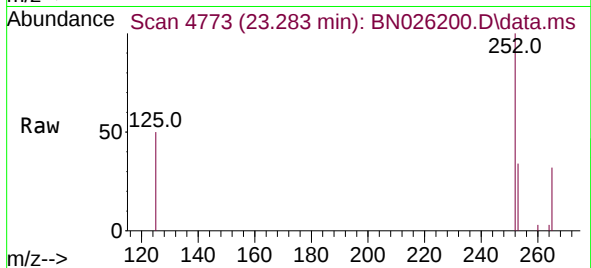
DCGE5

Tgt Ion:252	Resp:	26372
Ion Ratio	Lower	Upper
252	100	
253	33.6	23.2 34.8
125	50.4	15.0 22.4

Manual Integrations

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



#26

Benzo(a)pyrene

Concen: 0.809 ng/ul

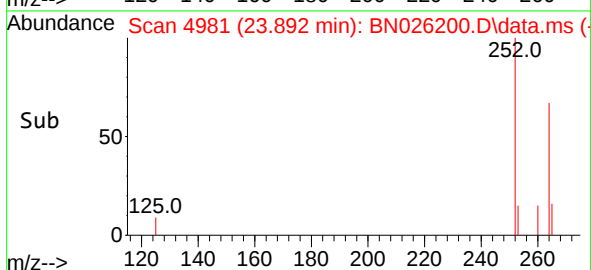
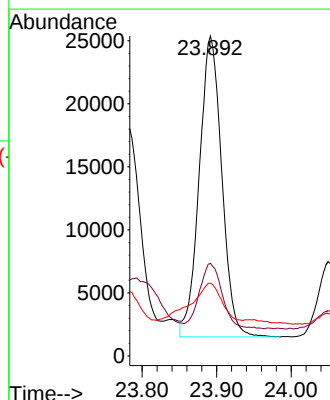
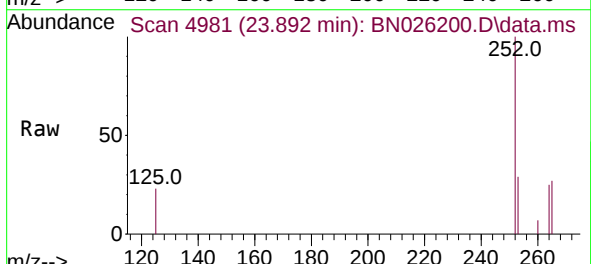
RT: 23.892 min Scan# 4981

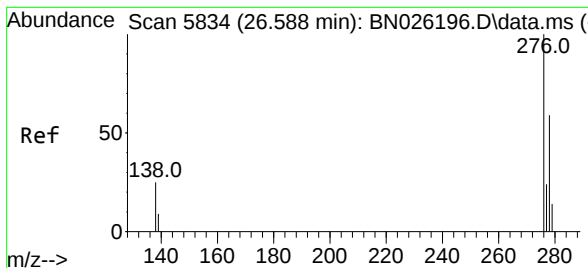
Delta R.T. 0.006 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

Tgt Ion:252	Resp:	50140
Ion Ratio	Lower	Upper
252	100	
253	28.9	26.0 39.0
125	22.7	17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.659 ng/ul

RT: 26.582 min Scan# 5834

Delta R.T. 0.024 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

Instrument :

BNA_N

ClientSampleId :

DCGE5

Tgt Ion:276 Resp: 4461

Ion Ratio Lower Upper

276 100

138 22.3 24.5 36.7

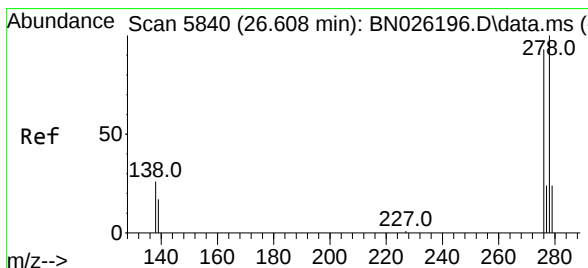
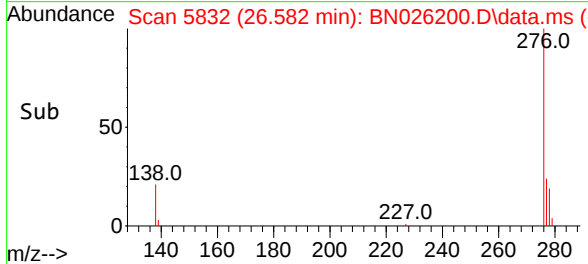
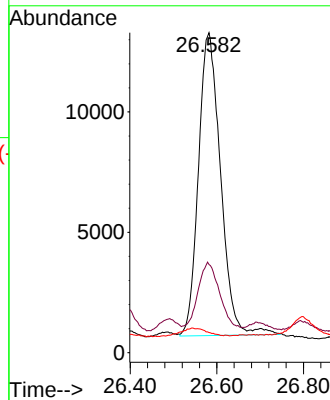
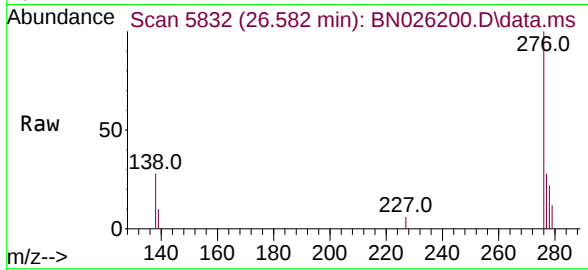
227 0.0 0.0 0.0

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: 0.201 ng/ul

RT: 26.592 min Scan# 5835

Delta R.T. 0.014 min

Lab File: BN026200.D

Acq: 02 Jul 2023 22:30

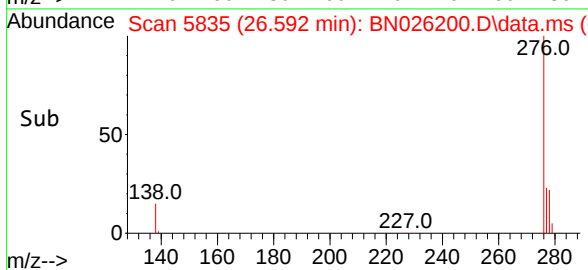
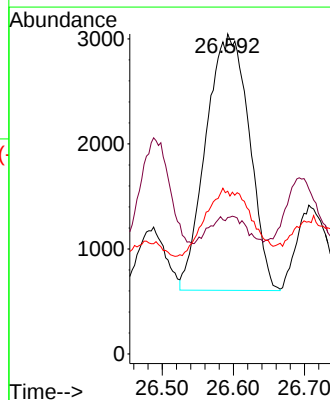
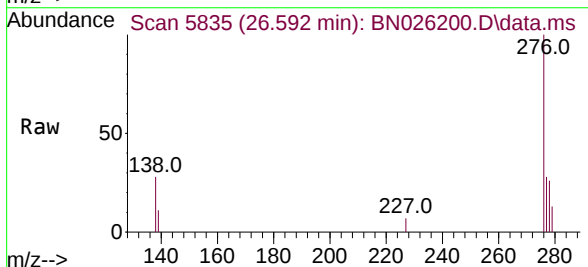
Tgt Ion:278 Resp: 10298

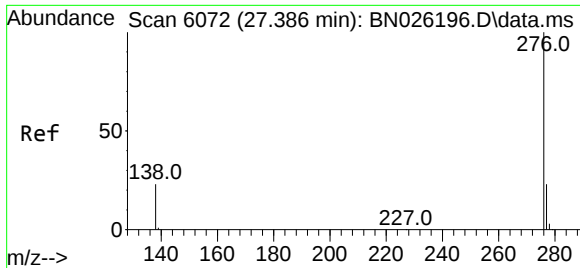
Ion Ratio Lower Upper

278 100

139 42.7 19.0 28.4#

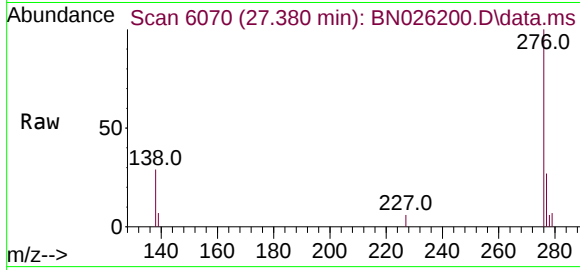
279 50.8 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.722 ng/ul
RT: 27.380 min Scan# 6072
Delta R.T. 0.034 min
Lab File: BN026200.D
Acq: 02 Jul 2023 22:30

Instrument :
BNA_N
ClientSampleId :
DCGE5



Tgt Ion:276 Resp: 43459
Ion Ratio Lower Upper
276 100
138 28.6 23.4 35.0
277 27.1 20.0 30.0

Manual Integrations
APPROVED

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

