

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026199.D
 Acq On : 02 Jul 2023 21:53
 Operator : MA/JU
 Sample : 03244-05
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE4

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 06:27:49 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	8135	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25264	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	28408	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	14937	0.400	ng/ul	# 0.00
23) Perylene-d12	23.999	264	18636	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	33458	3.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	9474	0.244	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	16261	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	214514	2.963	ng/ul	99
7) 2-Methylnaphthalene	12.426	142	43816	0.950	ng/ul	99
8) 1-Methylnaphthalene	12.646	142	20605	0.431	ng/ul	99
10) Acenaphthylene	14.320	152	350565	4.992	ng/ul	99
11) Acenaphthene	14.658	153	42237	0.735	ng/ul	99
12) Fluorene	15.644	166	80940	1.229	ng/ul	99
15) Phenanthrene	17.389	178	1437977	15.325	ng/ul	99
16) Anthracene	17.478	178	354656	4.252	ng/ul	100
19) Fluoranthene	19.405	202	3339723	41.861	ng/ul	97
20) Pyrene	19.768	202	2564183	30.900	ng/ul	96
21) Benzo(a)anthracene	21.514	228	1493547	24.238	ng/ul	96
22) Chrysene	21.570	228	1420760	22.159	ng/ul	98
24) Benzo(b)fluoranthene	23.248	252	2243780m	28.209	ng/ul	
25) Benzo(k)fluoranthene	23.286	252	748164m	9.367	ng/ul	
26) Benzo(a)pyrene	23.897	252	1467113	21.236	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.591	276	1181715	15.660	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.601	278	281778m	4.934	ng/ul	
29) Benzo(g,h,i)perylene	27.396	276	1100338	16.392	ng/ul#	93

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

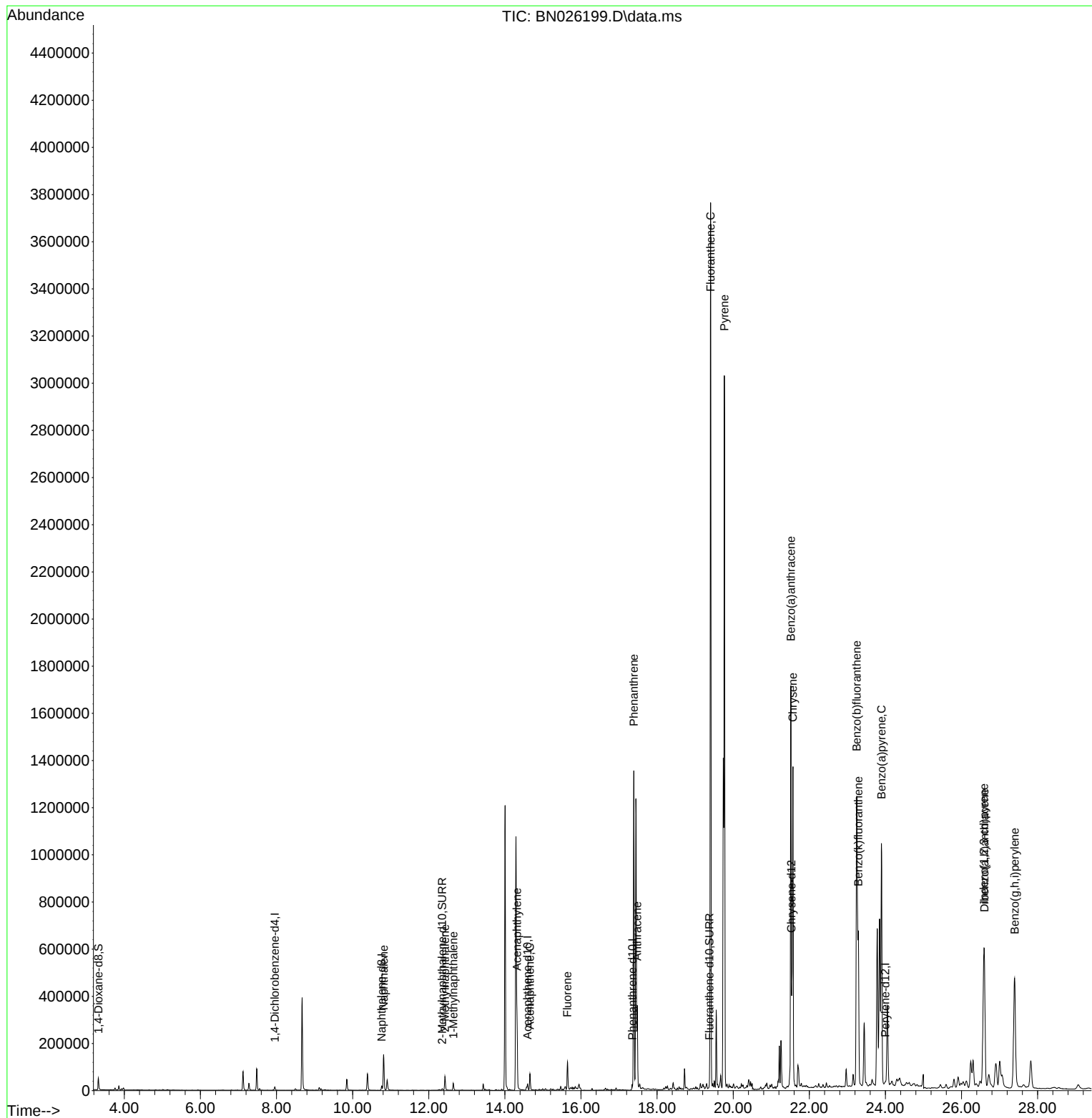
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026199.D
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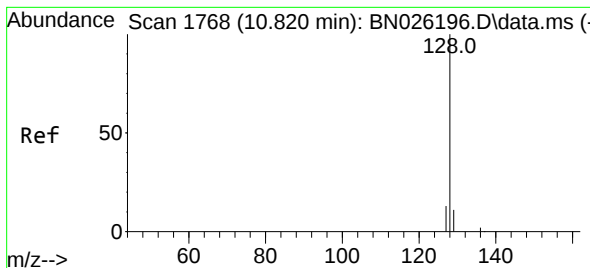
Instrument :
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Quant Time: Jul 03 06:27:49 2023
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#5

Naphthalene

Concen: 2.963 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026199.D

Acq: 02 Jul 2023 21:53

Instrument :

BNA_N

ClientSampleId :

DCGE4

Tgt Ion:128 Resp: 214514

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

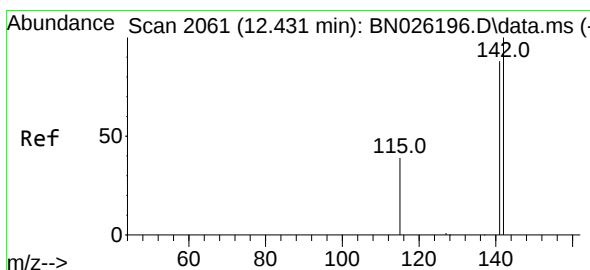
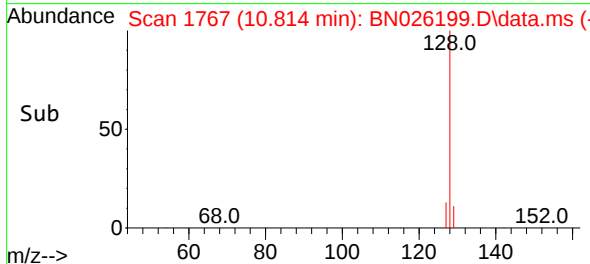
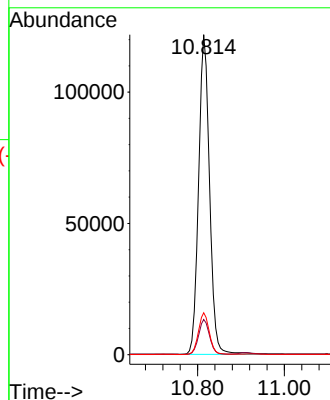
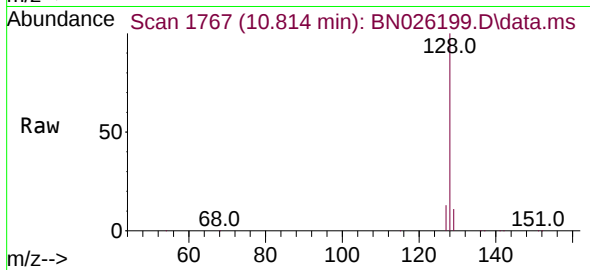
127 13.1 10.7 16.1

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#7

2-Methylnaphthalene

Concen: 0.950 ng/ul

RT: 12.426 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026199.D

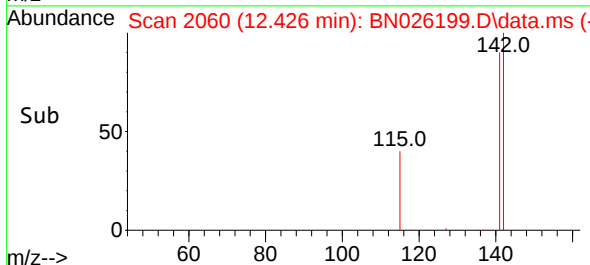
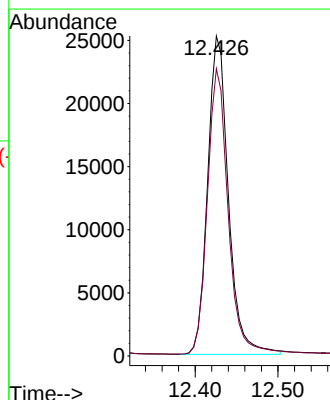
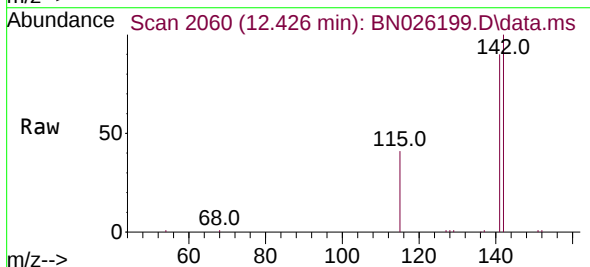
Acq: 02 Jul 2023 21:53

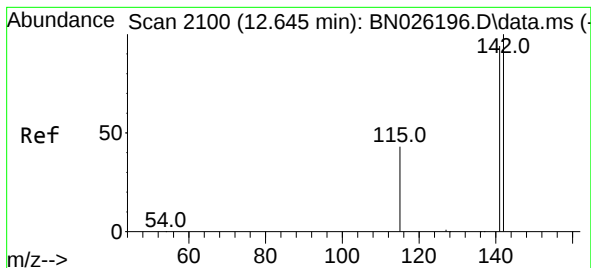
Tgt Ion:142 Resp: 43816

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.431 ng/ul

RT: 12.646 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026199.D

Acq: 02 Jul 2023 21:53

Instrument :

BNA_N

ClientSampleId :

DCGE4

Tgt Ion:142 Resp: 2060

Ion Ratio Lower Upper

142 100

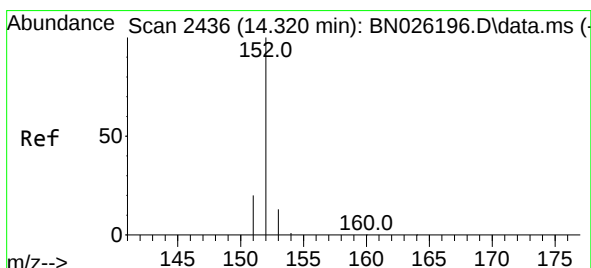
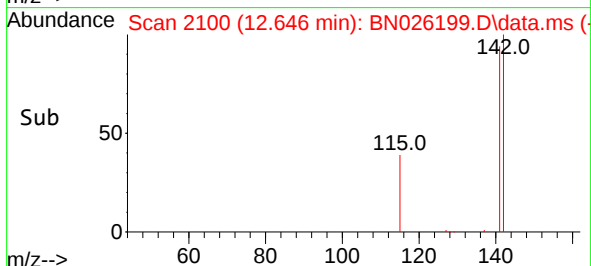
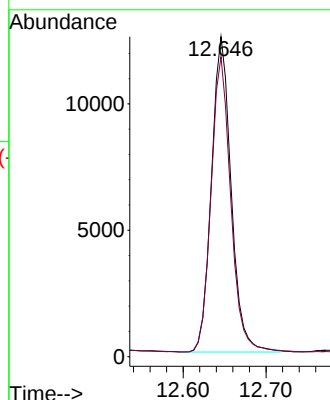
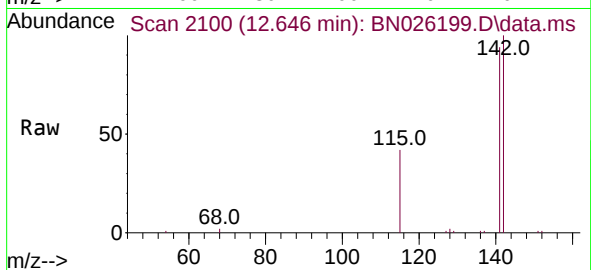
141 93.4 74.2 111.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/04/2023



#10

Acenaphthylene

Concen: 4.992 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026199.D

Acq: 02 Jul 2023 21:53

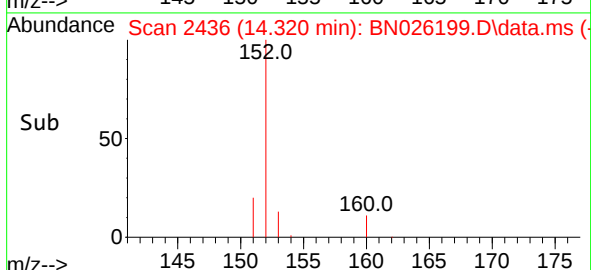
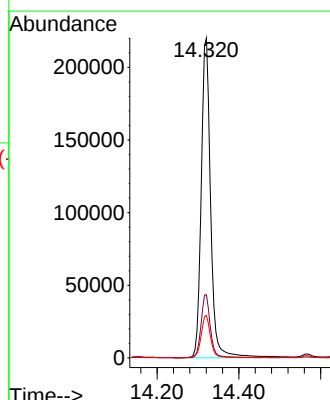
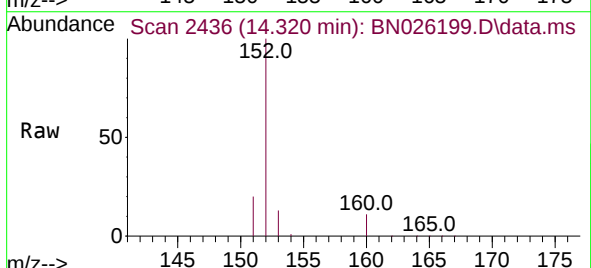
Tgt Ion:152 Resp: 350565

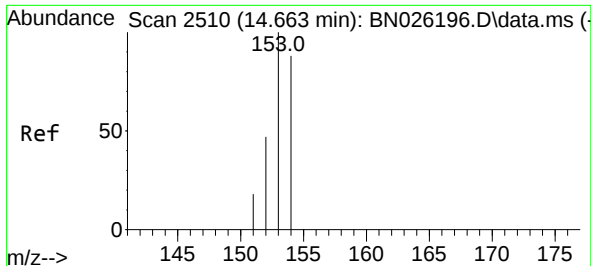
Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

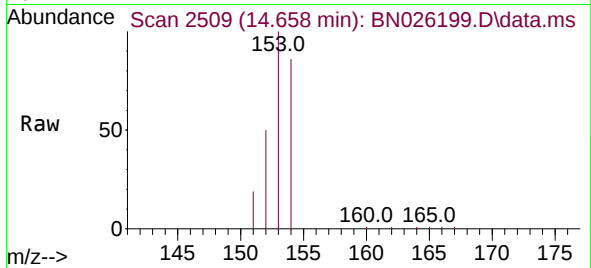
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 0.735 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

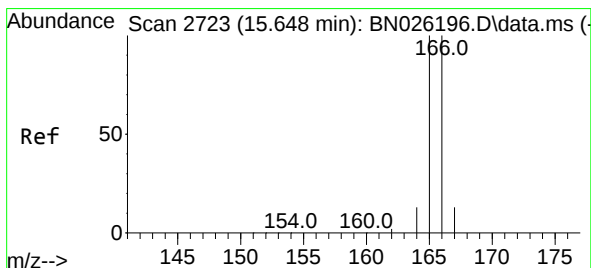
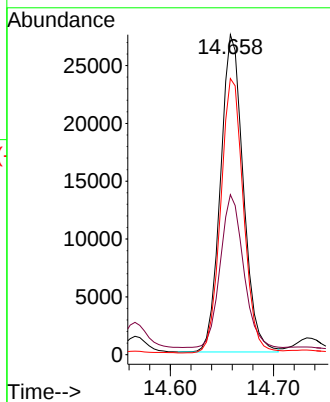
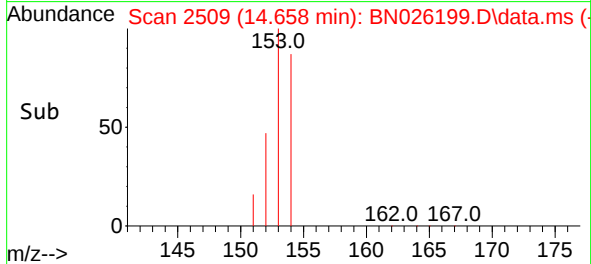
Instrument :
BNA_N
ClientSampleId :
DCGE4



Tgt Ion:153 Resp: 4223
Ion Ratio Lower Upper
153 100
152 50.0 39.4 59.0
154 86.3 68.9 103.3

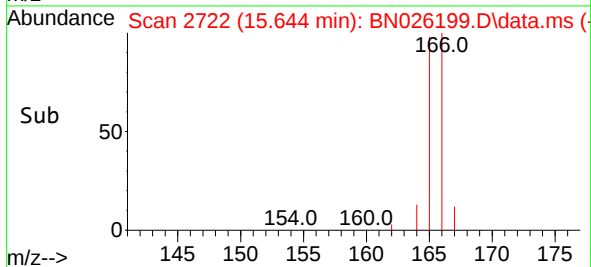
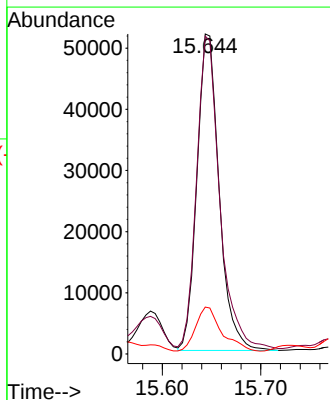
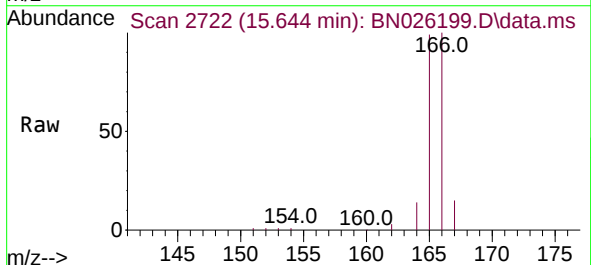
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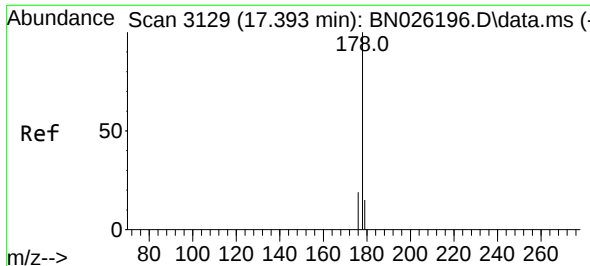
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 1.229 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

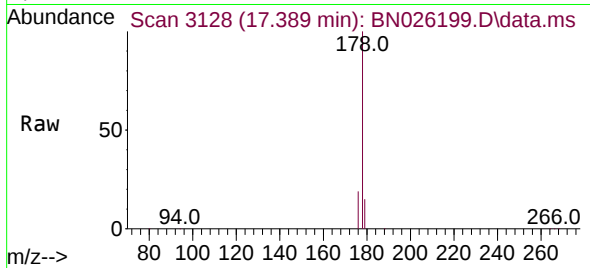
Tgt Ion:166 Resp: 80940
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 14.7 10.8 16.2





#15
Phenanthrene
Concen: 15.325 ng/u1
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

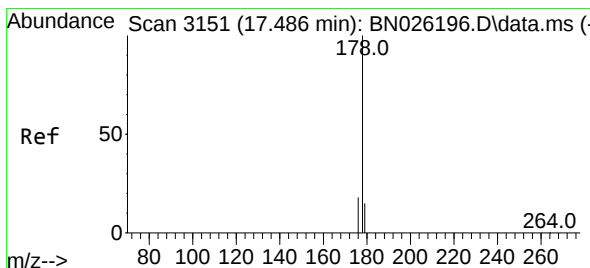
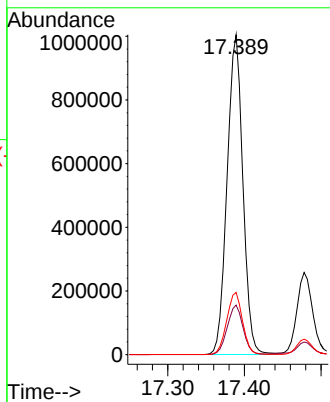
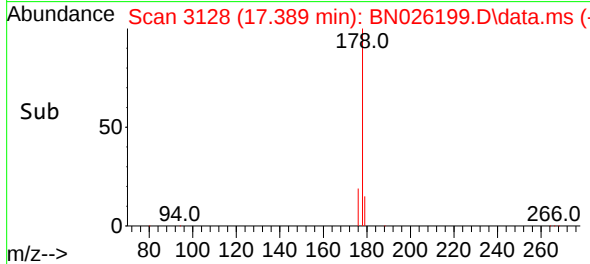
Instrument :
BNA_N
ClientSampleId :
DCGE4



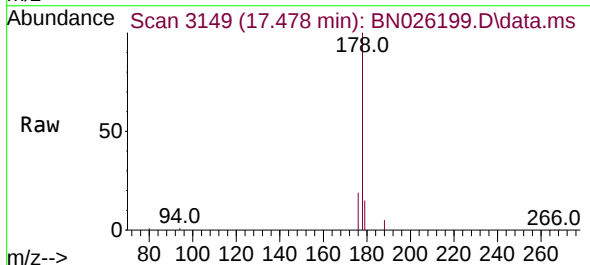
Tgt Ion:178 Resp: 143797
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.4 15.8 23.6

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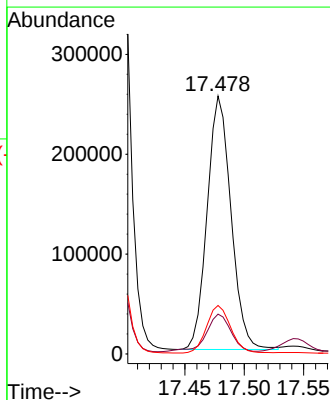
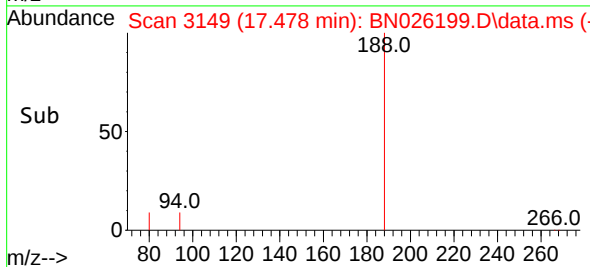
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

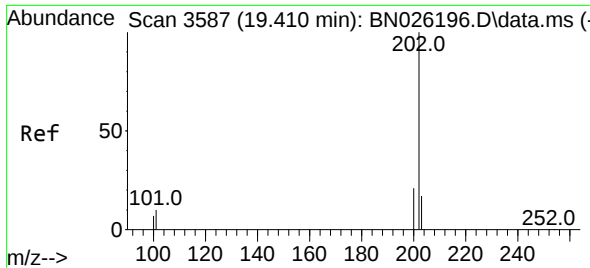


#16
Anthracene
Concen: 4.252 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53



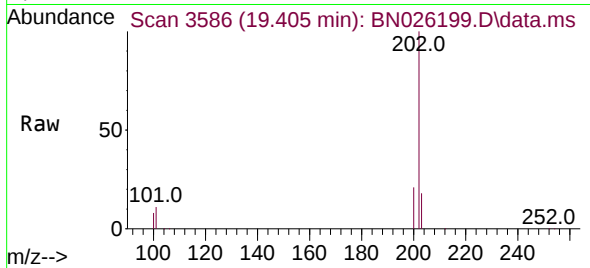
Tgt Ion:178 Resp: 354656
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.8 15.1 22.7





#19
Fluoranthene
Concen: 41.861 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

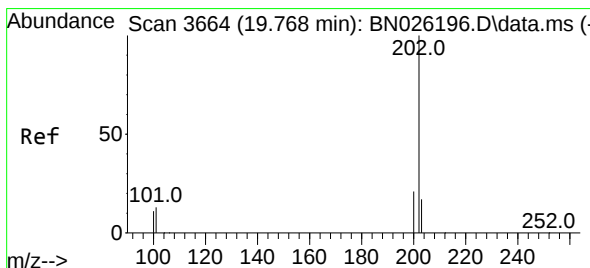
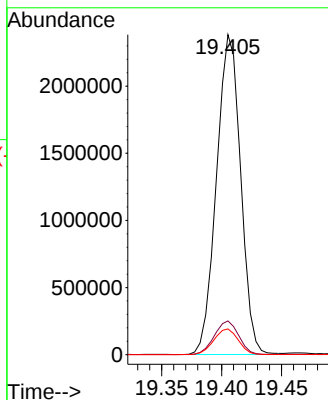
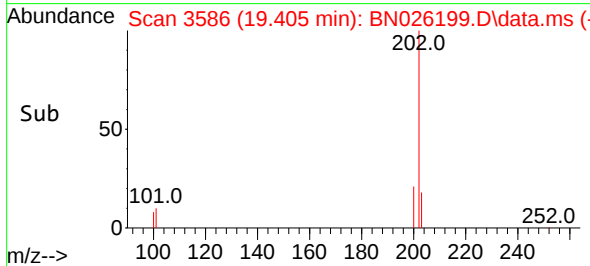
Instrument :
BNA_N
ClientSampleId :
DCGE4



Tgt Ion:202 Resp: 333972
Ion Ratio Lower Upper
202 100
101 10.5 9.5 14.3
100 8.0 7.3 10.9

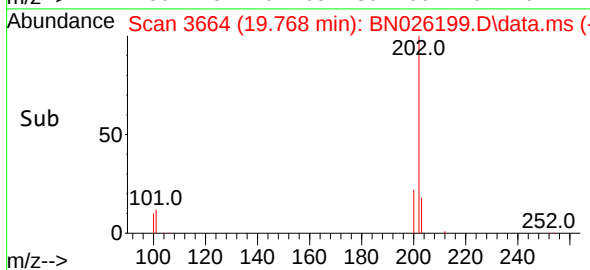
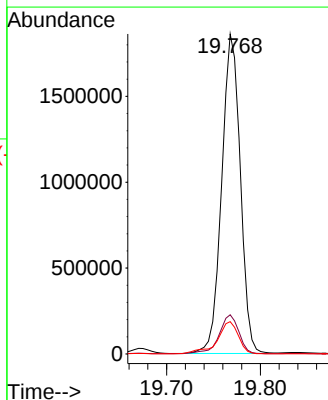
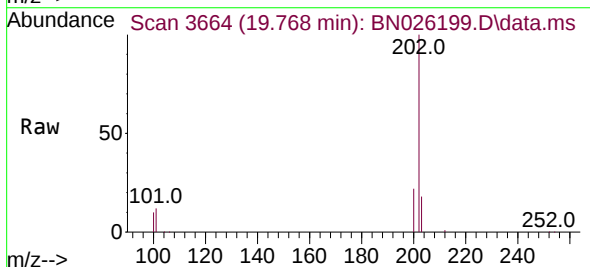
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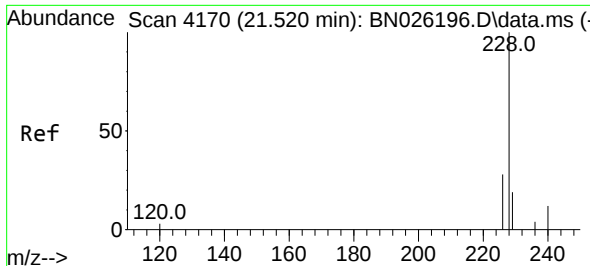
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 30.900 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

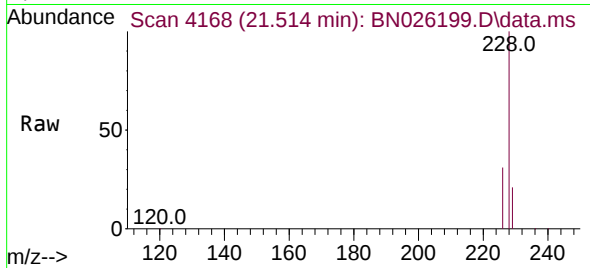
Tgt Ion:202 Resp: 2564183
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 24.238 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

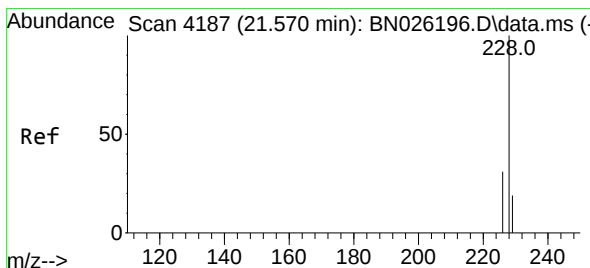
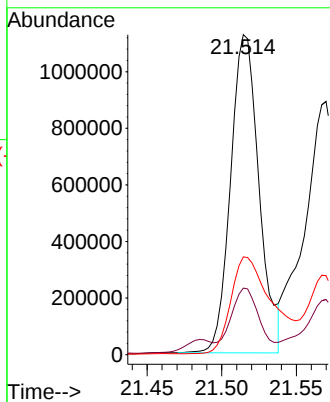
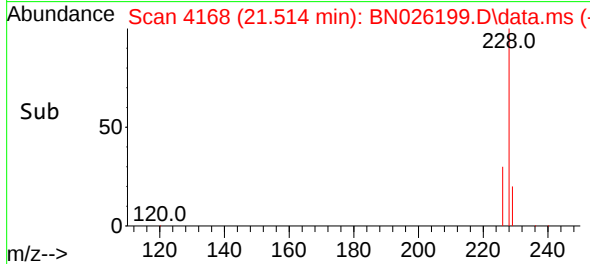
Instrument :
BNA_N
ClientSampleId :
DCGE4



Tgt Ion:228 Resp: 149354
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 30.5 22.5 33.7

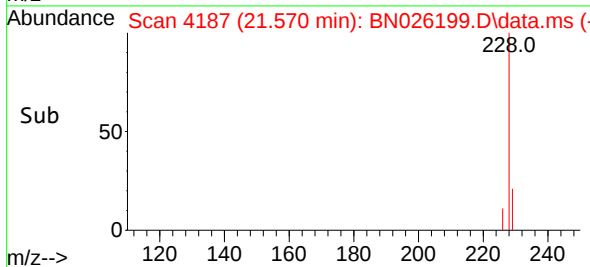
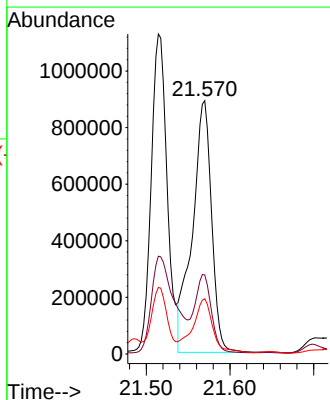
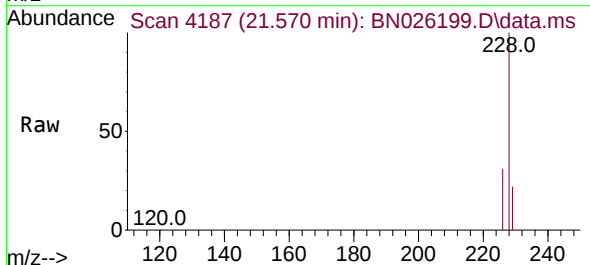
Manual Integrations
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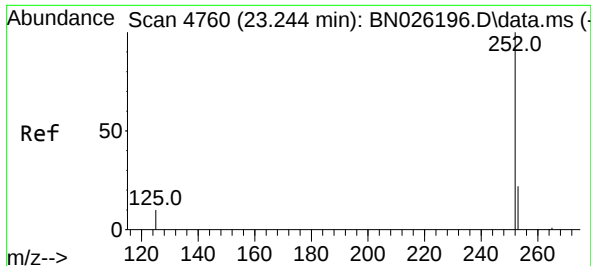
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 22.159 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

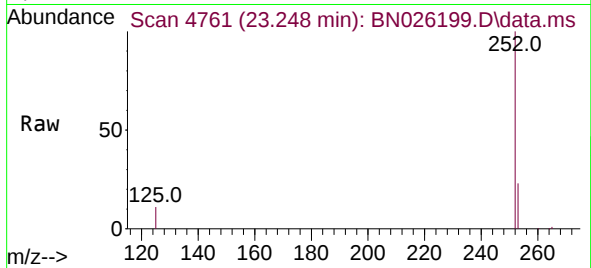
Tgt Ion:228 Resp: 1420760
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 28.209 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. 0.005 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

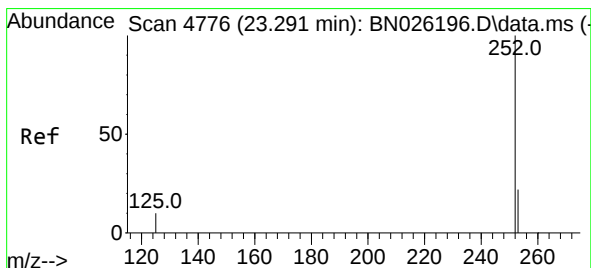
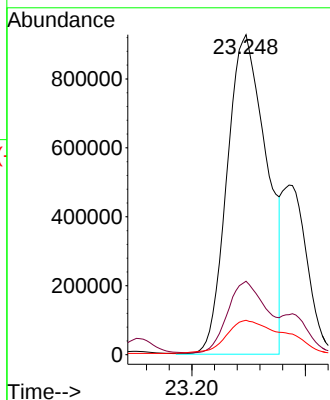
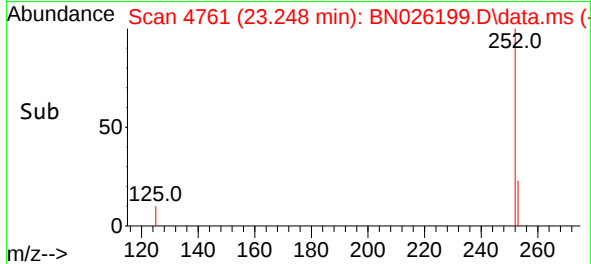
Instrument :
BNA_N
ClientSampleId :
DCGE4



Tgt Ion:252 Resp: 2243780
Ion Ratio Lower Upper
252 100
253 22.9 0.0 55.6
125 10.7 0.0 35.8

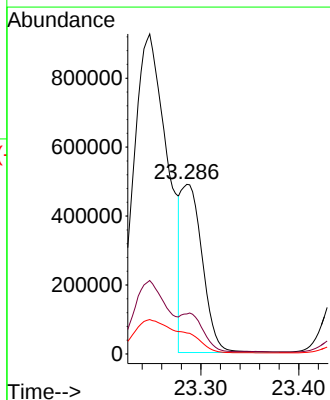
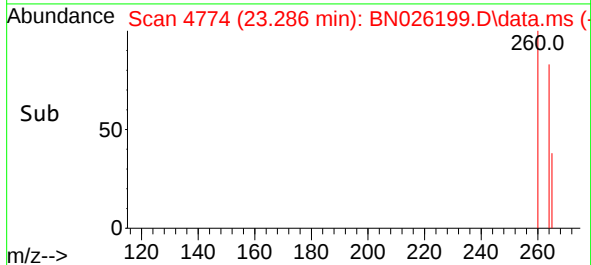
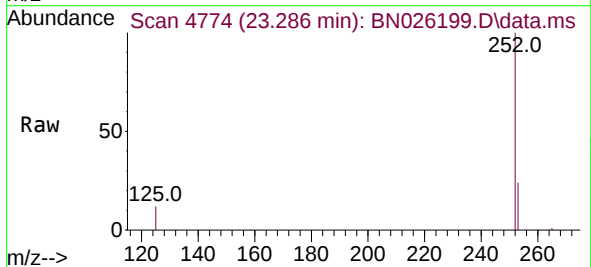
Manual Integrations
APPROVED

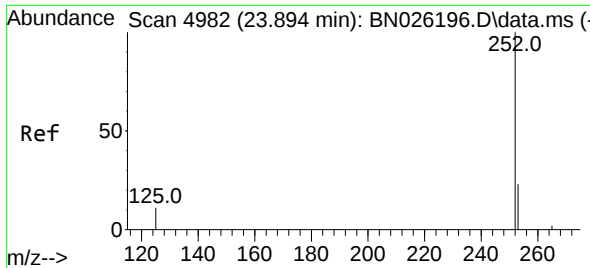
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 9.367 ng/ul m
RT: 23.286 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

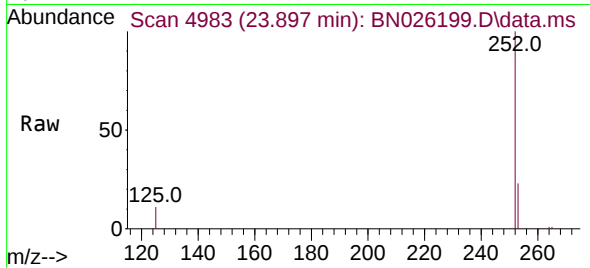
Tgt Ion:252 Resp: 748164
Ion Ratio Lower Upper
252 100
253 23.6 23.2 34.8
125 12.4 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 21.236 ng/ul
RT: 23.897 min Scan# 4982
Delta R.T. 0.011 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53

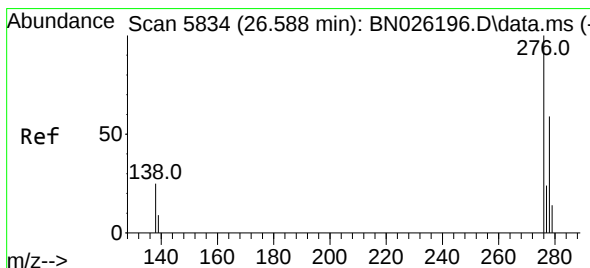
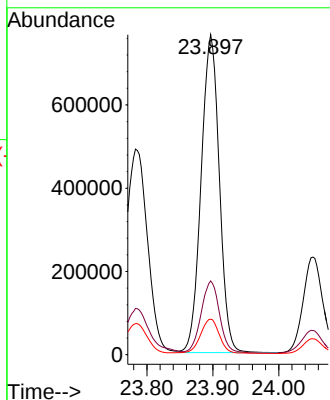
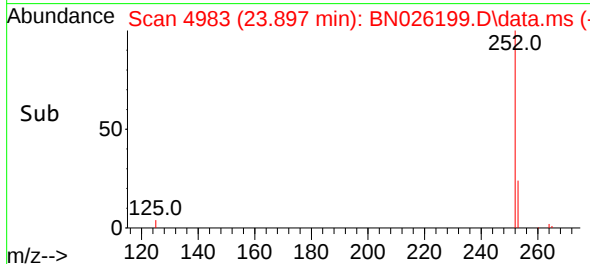
Instrument :
BNA_N
ClientSampleId :
DCGE4



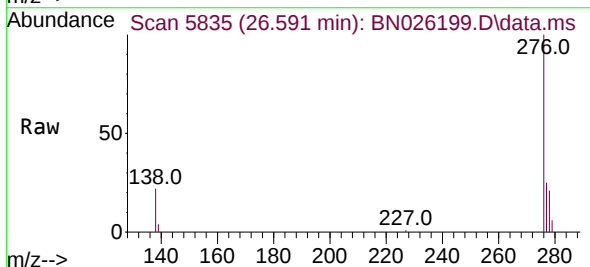
Tgt Ion:252 Resp: 1467115
Ion Ratio Lower Upper
252 100
253 23.0 26.0 39.0#
125 11.1 17.3 25.9#

Manual Integrations
APPROVED

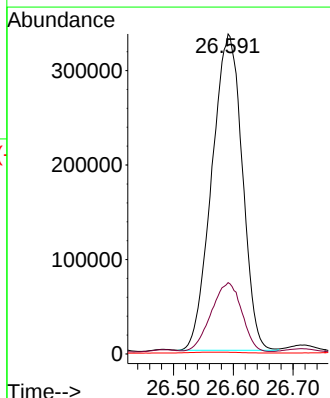
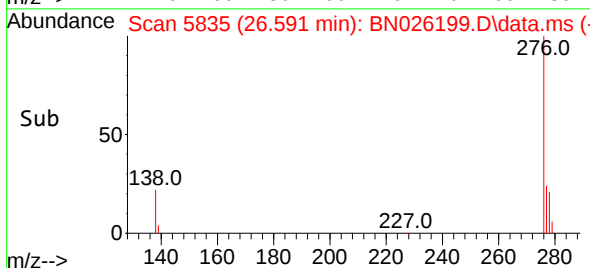
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

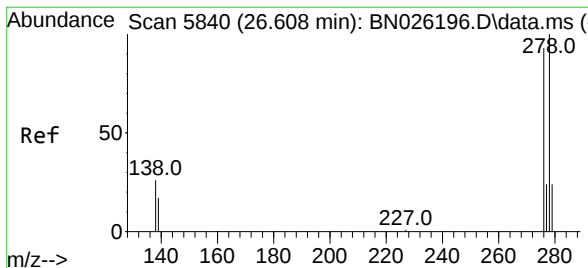


#27
Indeno(1,2,3-cd)pyrene
Concen: 15.660 ng/ul
RT: 26.591 min Scan# 5835
Delta R.T. 0.033 min
Lab File: BN026199.D
Acq: 02 Jul 2023 21:53



Tgt Ion:276 Resp: 1181715
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.6 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 4.934 ng/ul m

RT: 26.601 min Scan# 5838

Delta R.T. 0.023 min

Lab File: BN026199.D

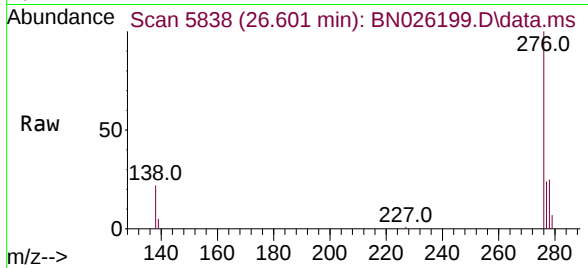
Acq: 02 Jul 2023 21:53

Instrument :

BNA_N

ClientSampleId :

DCGE4



Tgt Ion:278 Resp: 281778

Ion Ratio Lower Upper

278 100

139 18.3 19.0 28.4

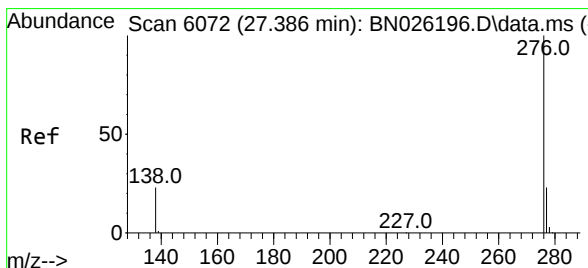
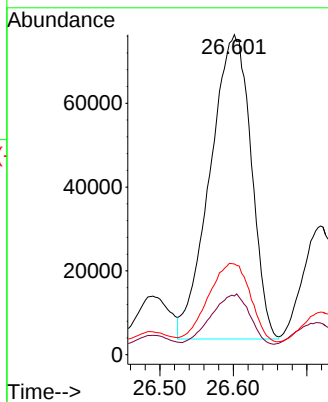
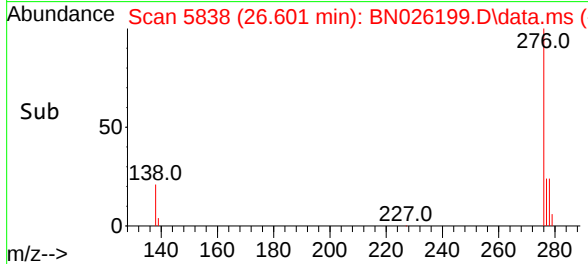
279 28.3 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :Sohil Jodhani 07/04/2023



#29

Benzo(g,h,i)perylene

Concen: 16.392 ng/ul

RT: 27.396 min Scan# 6075

Delta R.T. 0.050 min

Lab File: BN026199.D

Acq: 02 Jul 2023 21:53

Tgt Ion:276 Resp: 1100338

Ion Ratio Lower Upper

276 100

138 22.7 23.4 35.0

277 24.1 20.0 30.0

