

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026202.D
 Acq On : 02 Jul 2023 23:43
 Operator : MA/JU
 Sample : 03244-08
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE7

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 06:28:19 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	8619	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25477	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	15176	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	24608	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	16127	0.400	ng/ul	# 0.00
23) Perylene-d12	23.993	264	27070	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	28436	2.930	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	8527	0.218	ng/ul	-0.01
18) Fluoranthene-d10	19.377	212	12709	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	672407	9.209	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	200672	4.316	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	132285	2.746	ng/ul	100
10) Acenaphthylene	14.320	152	71337	1.004	ng/ul	97
11) Acenaphthene	14.658	153	523713	9.009	ng/ul	98
12) Fluorene	15.643	166	602997	9.048	ng/ul	99
15) Phenanthrene	17.393	178	6097980	75.022	ng/ul	99
16) Anthracene	17.482	178	1600059	22.147	ng/ul	100
19) Fluoranthene	19.414	202	7582956	88.033	ng/ul	95
20) Pyrene	19.772	202	6075719	67.814	ng/ul	95
21) Benzo(a)anthracene	21.514	228	3500653	52.619	ng/ul	97
22) Chrysene	21.573	228	3391164	48.988	ng/ul	96
24) Benzo(b)fluoranthene	23.253	252	4592972m	39.752	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	1599400m	13.785	ng/ul	
26) Benzo(a)pyrene	23.897	252	3100127	30.893	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.584	276	2188861	19.970	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.588	278	602773m	7.266	ng/ul	
29) Benzo(g,h,i)perylene	27.372	276	1930256	19.797	ng/ul#	92

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

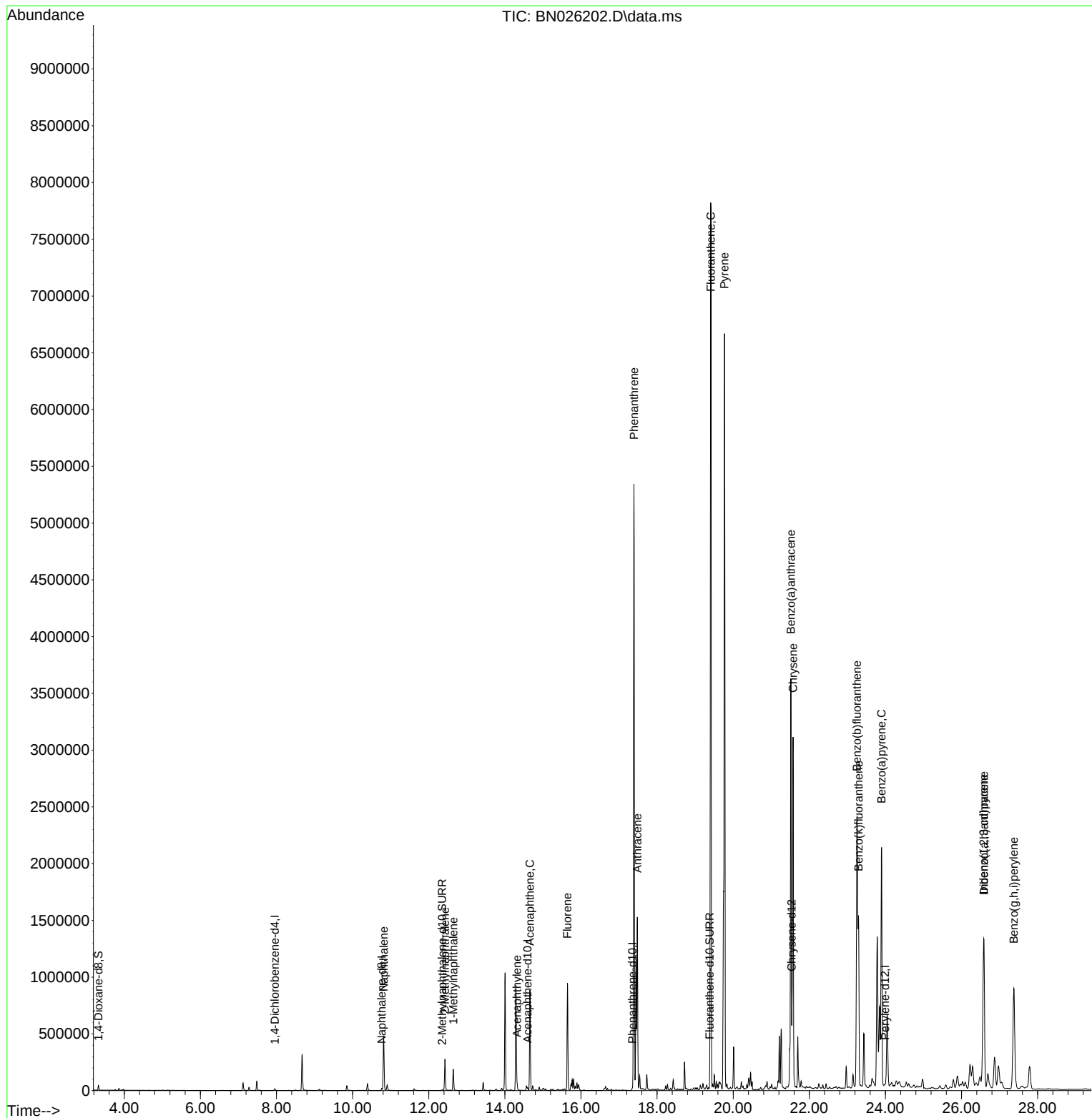
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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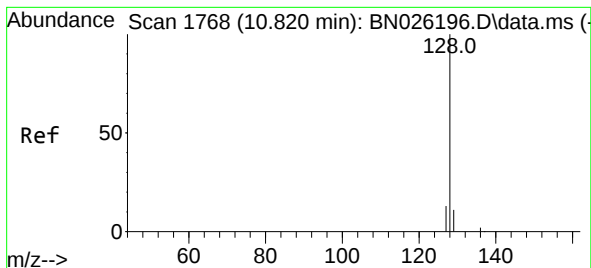
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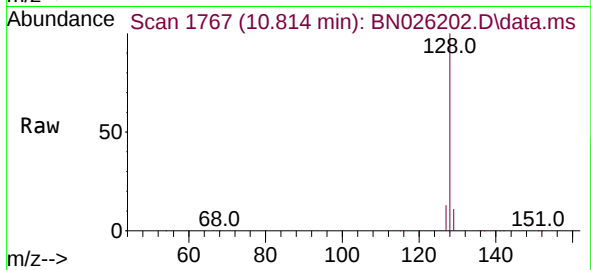
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 9.209 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

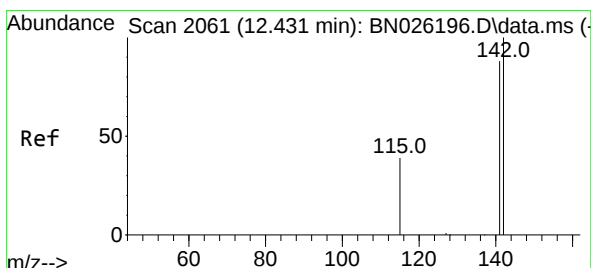
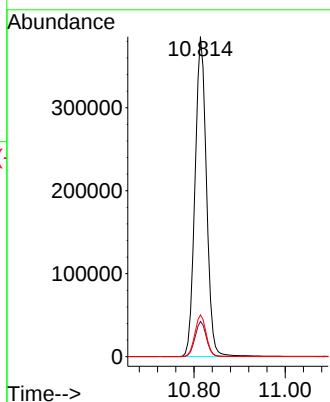
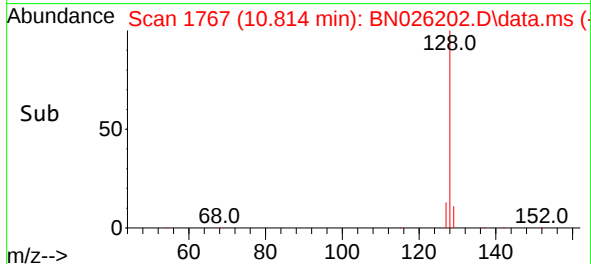
Instrument :
BNA_N
ClientSampleId :
DCGE7



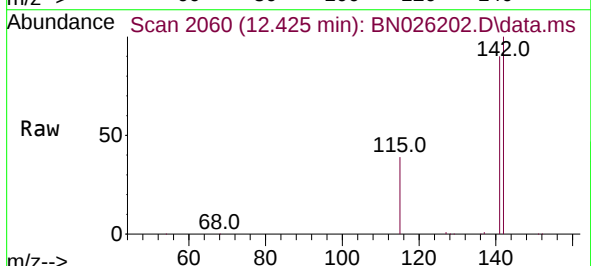
Tgt Ion:128 Resp: 67240
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.7 16.1

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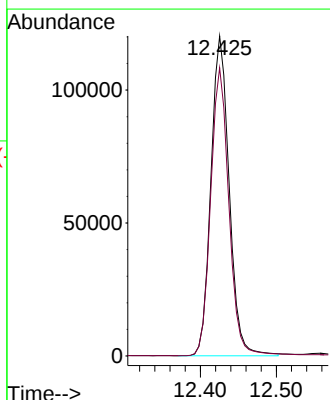
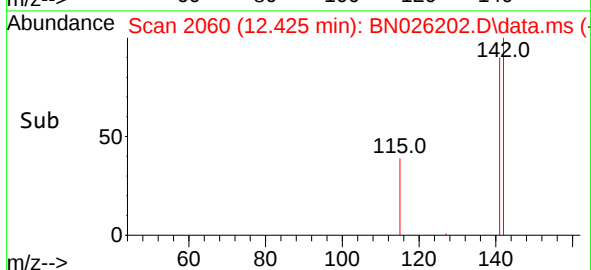
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

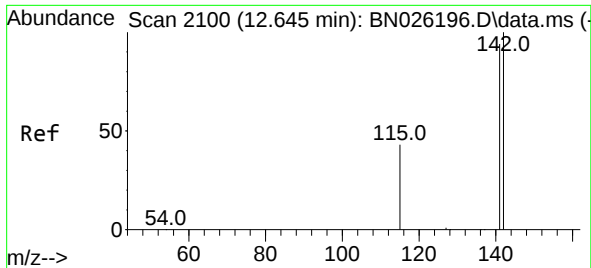


#7
2-Methylnaphthalene
Concen: 4.316 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43



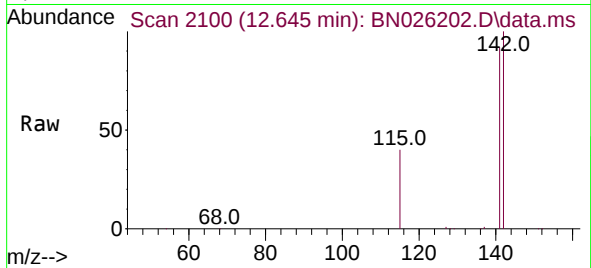
Tgt Ion:142 Resp: 200672
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 2.746 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

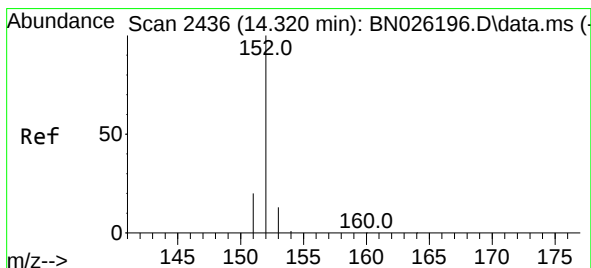
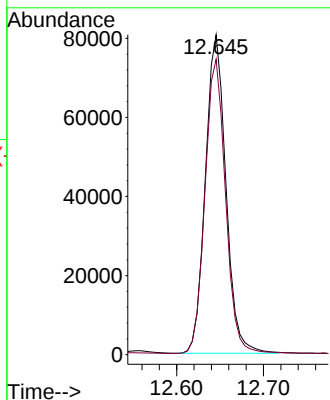
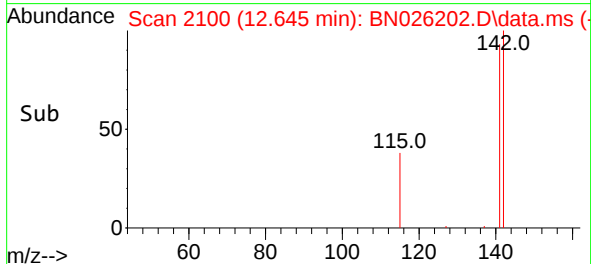
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 132285
Ion Ratio Lower Upper
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141 92.3 74.2 111.4

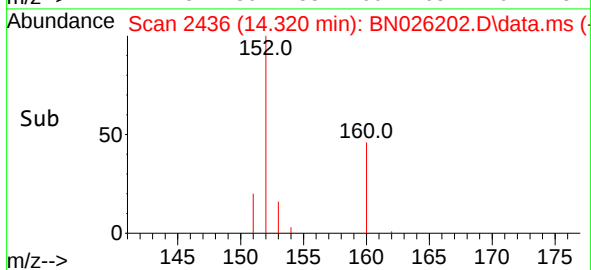
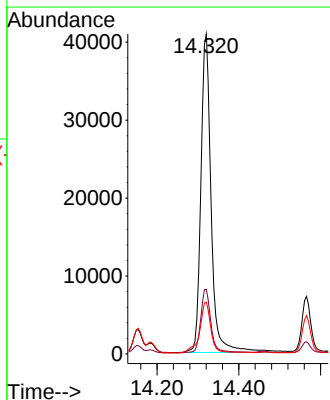
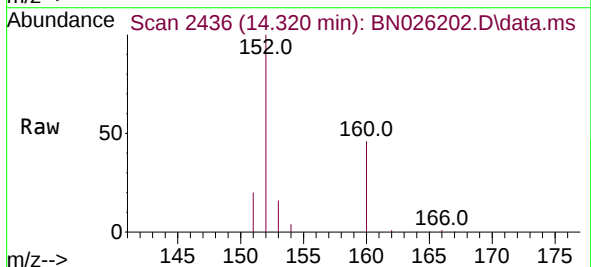
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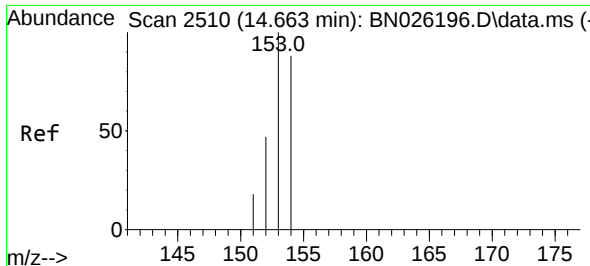
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 1.004 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

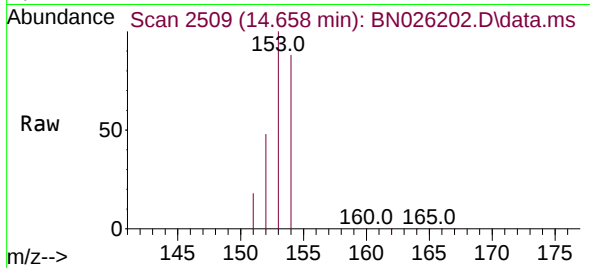
Tgt Ion:152 Resp: 71337
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 16.2 10.9 16.3





#11
Acenaphthene
Concen: 9.009 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

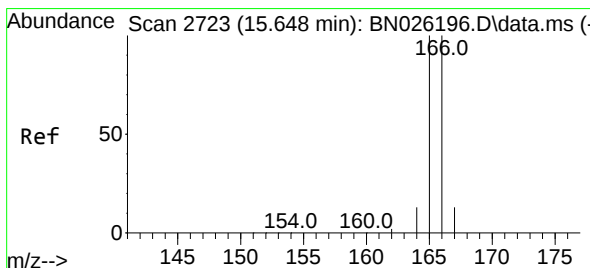
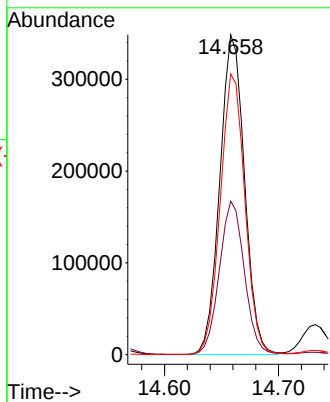
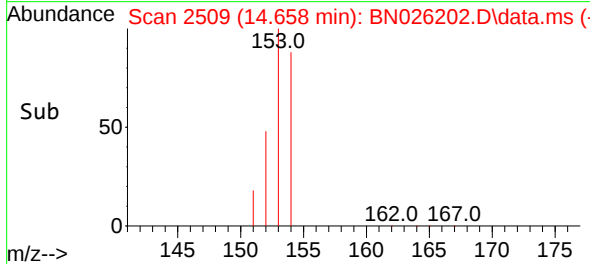
Instrument :
BNA_N
ClientSampleId :
DCGE7



Tgt Ion:153 Resp: 52371
Ion Ratio Lower Upper
153 100
152 48.0 39.4 59.0
154 87.7 68.9 103.3

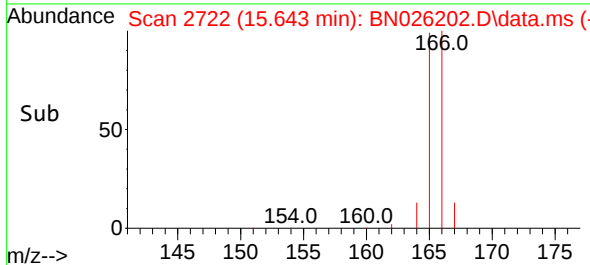
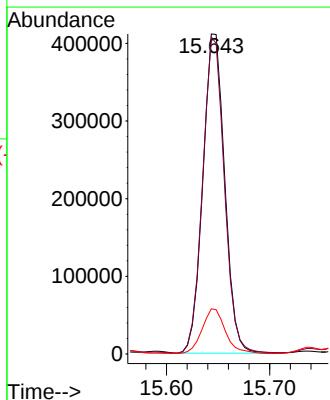
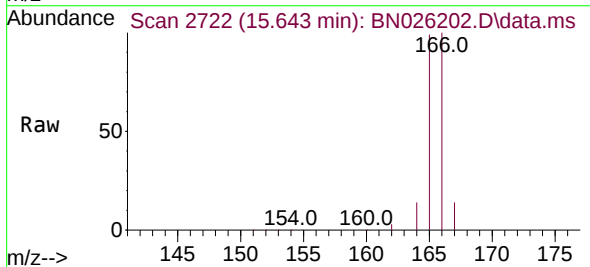
Manual Integrations
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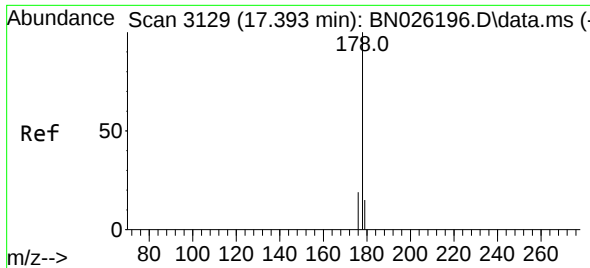
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 9.048 ng/u1
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

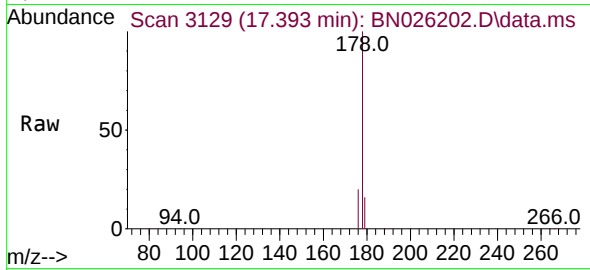
Tgt Ion:166 Resp: 602997
Ion Ratio Lower Upper
166 100
165 99.1 79.9 119.9
167 14.1 10.8 16.2





#15
Phenanthrene
Concen: 75.022 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

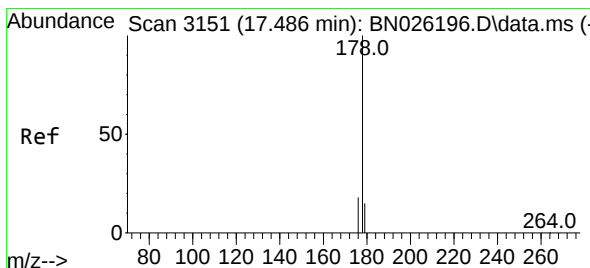
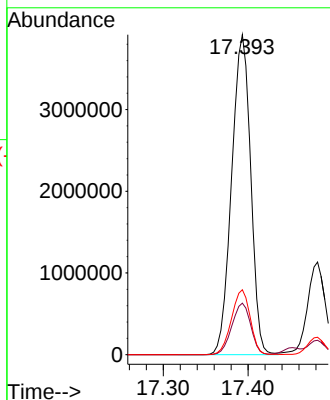
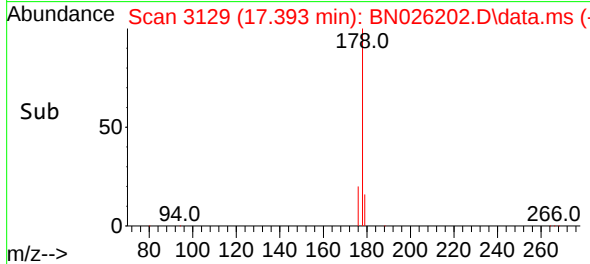
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ClientSampleId :
DCGE7



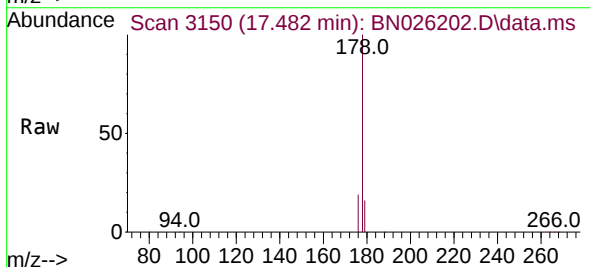
Tgt Ion:178 Resp: 6097980
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.3 15.8 23.6

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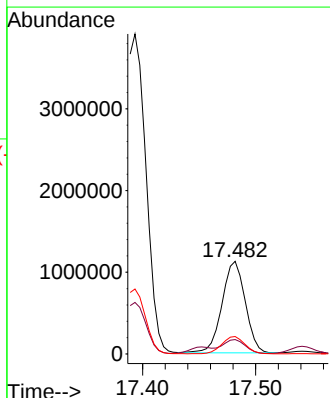
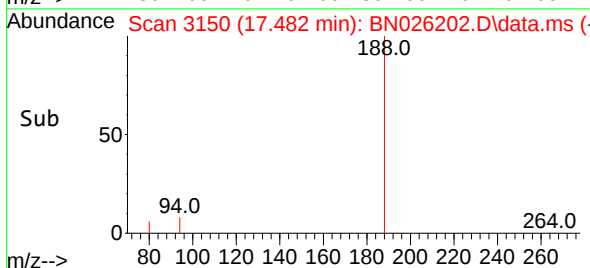
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

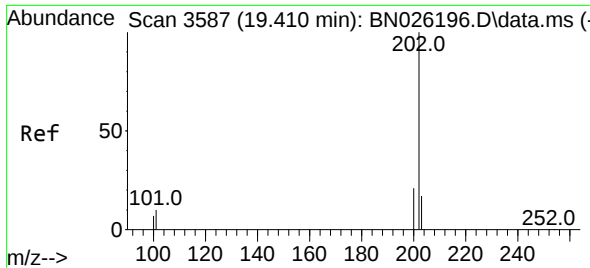


#16
Anthracene
Concen: 22.147 ng/u1
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43



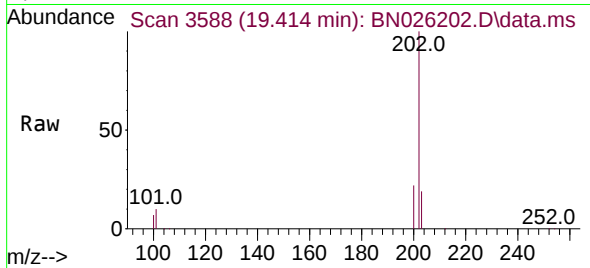
Tgt Ion:178 Resp: 1600059
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.8 15.1 22.7





#19
Fluoranthene
Concen: 88.033 ng/u1
RT: 19.414 min Scan# 3588
Delta R.T. 0.004 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

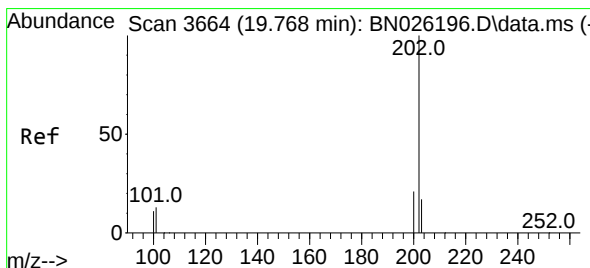
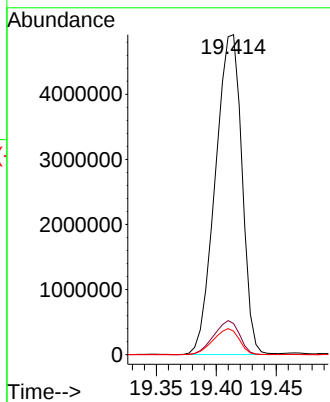
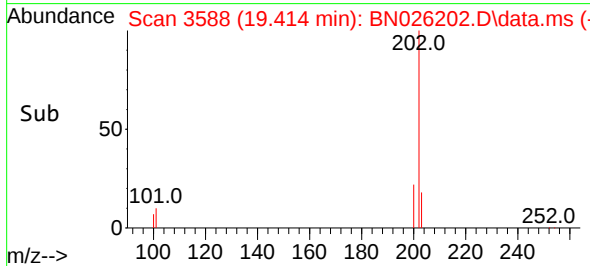
Instrument :
BNA_N
ClientSampleId :
DCGE7



Tgt Ion:202 Resp: 7582950
Ion Ratio Lower Upper
202 100
101 9.8 9.5 14.3
100 7.4 7.3 10.9

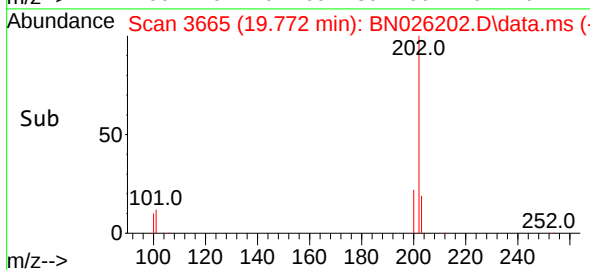
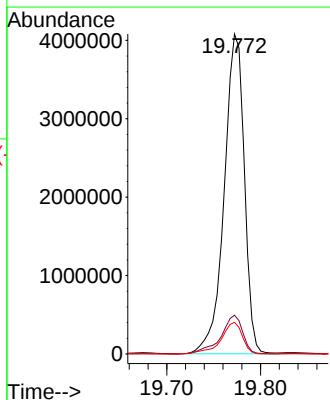
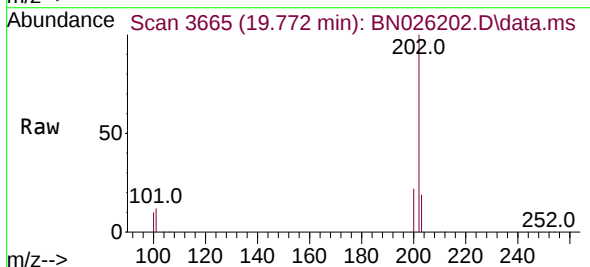
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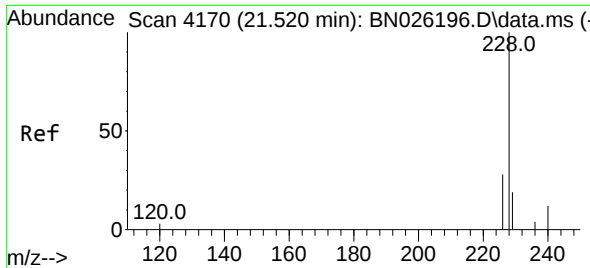
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 67.814 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.001 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

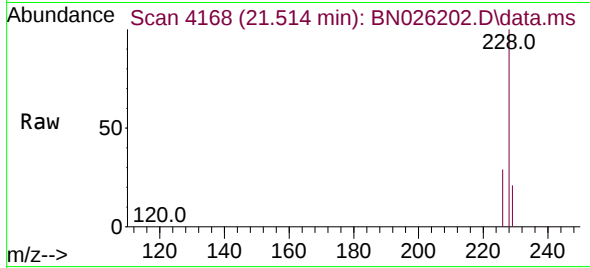
Tgt Ion:202 Resp: 6075719
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 52.619 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

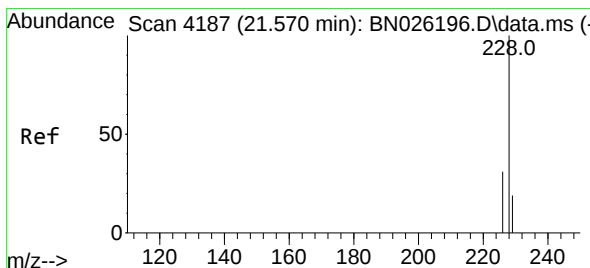
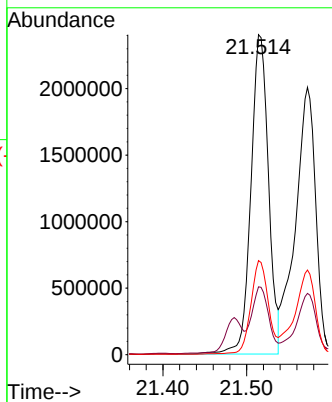
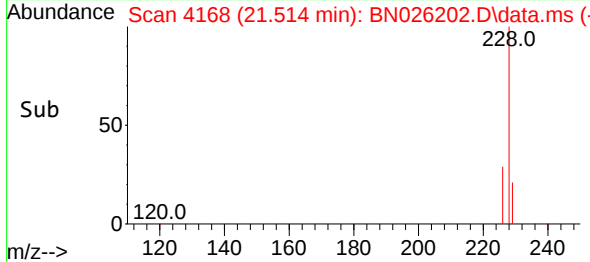
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 350065
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.4 22.5 33.7

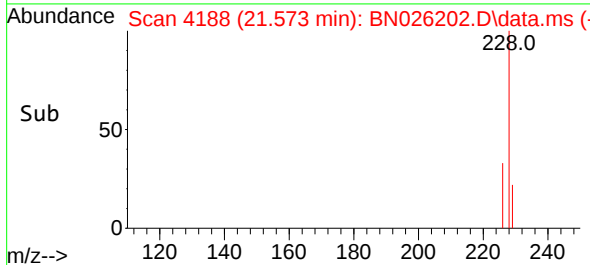
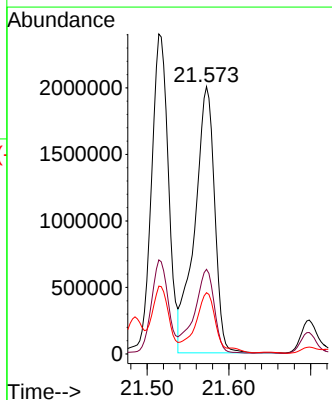
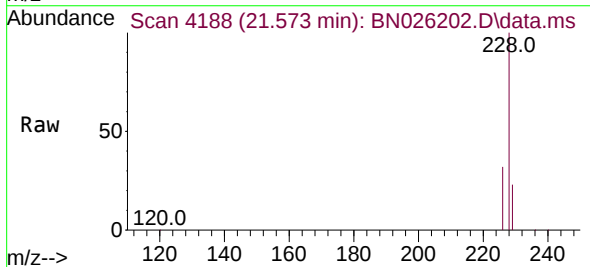
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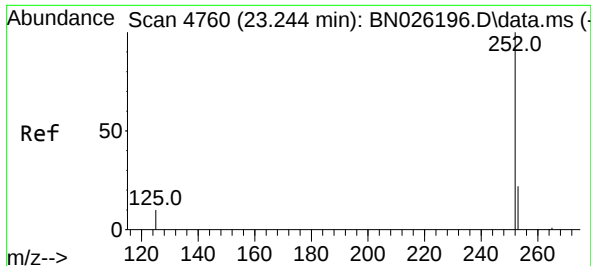
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 48.988 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

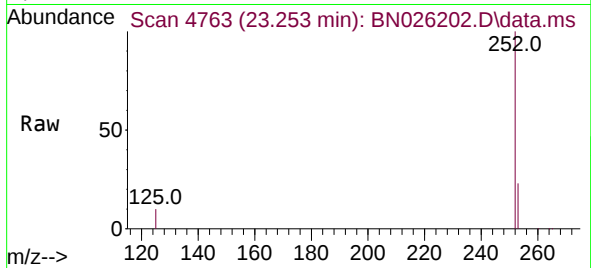
Tgt Ion:228 Resp: 3391164
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 23.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 39.752 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.011 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

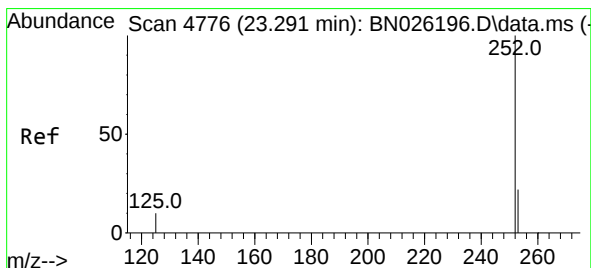
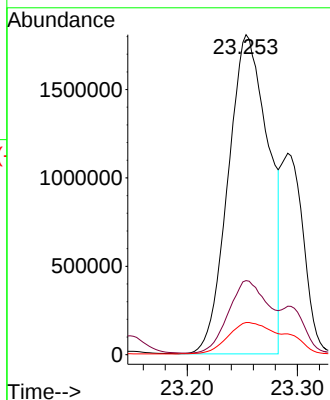
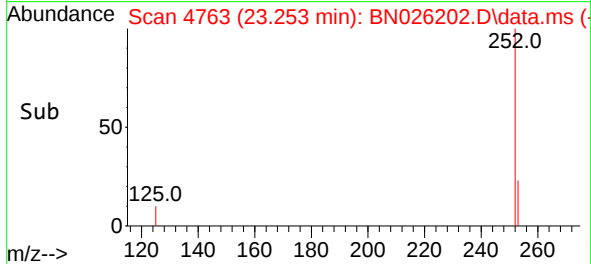
Instrument :
BNA_N
ClientSampleId :
DCGE7



Tgt Ion:252 Resp: 4592972
Ion Ratio Lower Upper
252 100
253 23.2 0.0 55.6
125 10.1 0.0 35.8

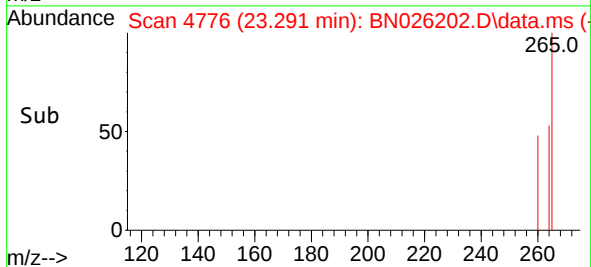
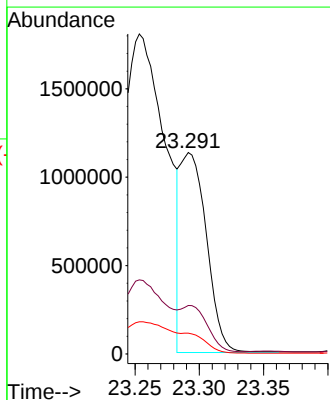
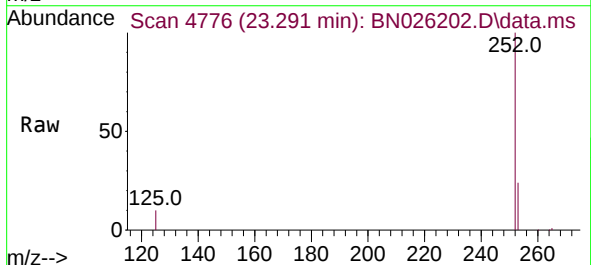
Manual Integrations
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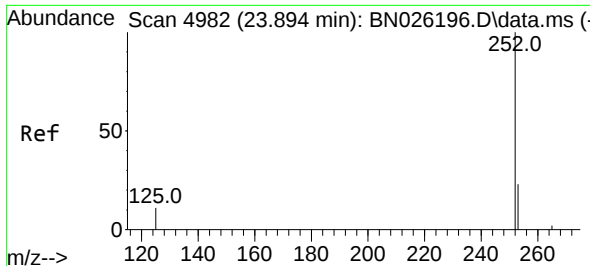
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 13.785 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.001 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

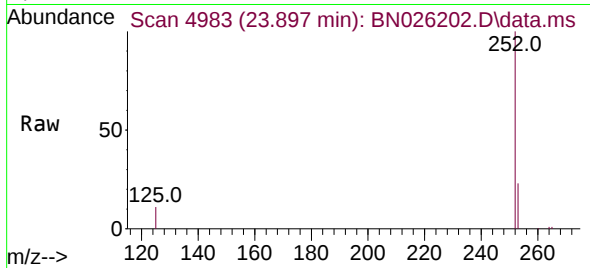
Tgt Ion:252 Resp: 1599400
Ion Ratio Lower Upper
252 100
253 24.1 23.2 34.8
125 10.4 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 30.893 ng/ul
RT: 23.897 min Scan# 4982
Delta R.T. 0.011 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

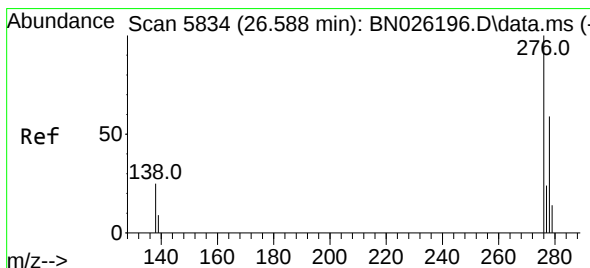
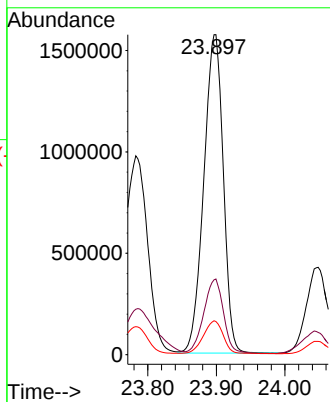
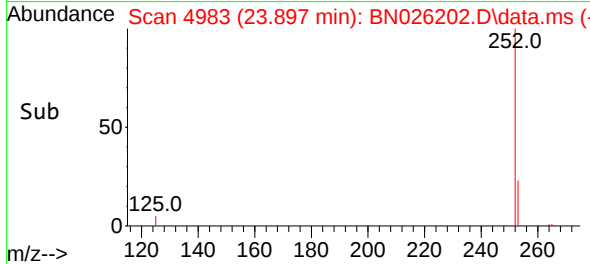
Instrument :
BNA_N
ClientSampleId :
DCGE7



Tgt Ion:252 Resp: 3100127
Ion Ratio Lower Upper
252 100
253 23.4 26.0 39.0#
125 10.6 17.3 25.9#

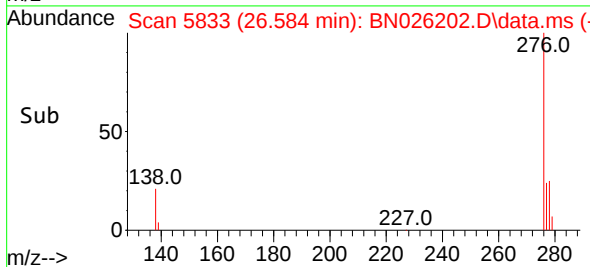
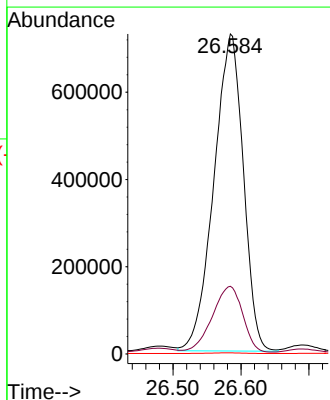
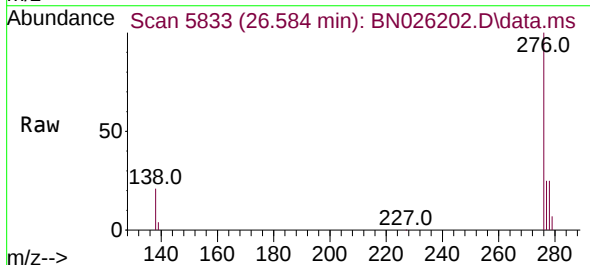
Manual Integrations
APPROVED

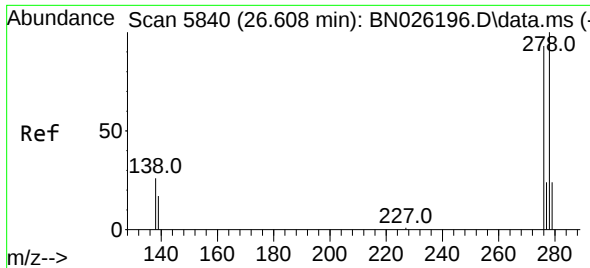
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 19.970 ng/ul
RT: 26.584 min Scan# 5833
Delta R.T. 0.026 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

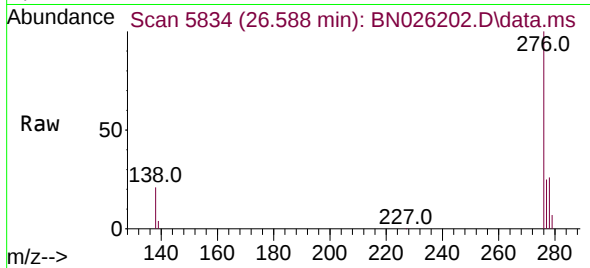
Tgt Ion:276 Resp: 2188861
Ion Ratio Lower Upper
276 100
138 21.4 24.5 36.7#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 7.266 ng/ul m
RT: 26.588 min Scan# 5834
Delta R.T. 0.009 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

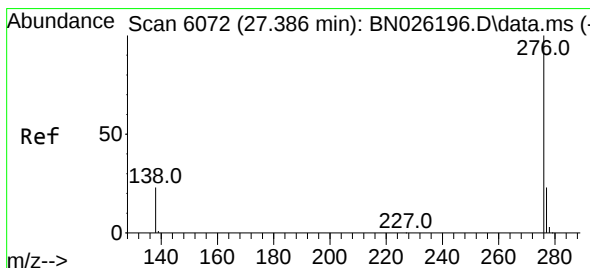
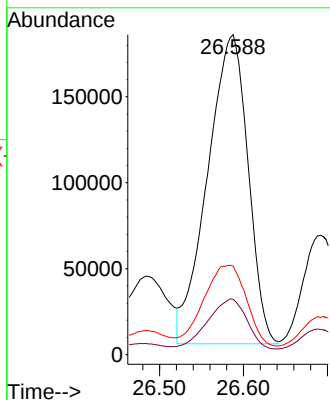
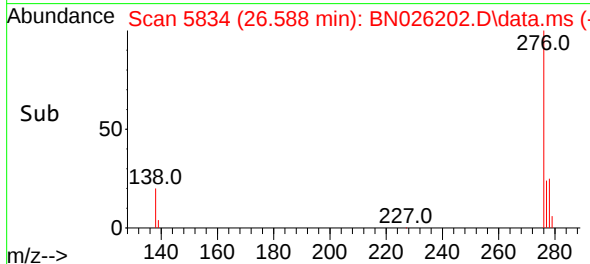
Instrument :
BNA_N
ClientSampleId :
DCGE7



Tgt Ion:278 Resp: 60277
Ion Ratio Lower Upper
278 100
139 17.3 19.0 28.4
279 27.7 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: 19.797 ng/ul
RT: 27.372 min Scan# 6068
Delta R.T. 0.026 min
Lab File: BN026202.D
Acq: 02 Jul 2023 23:43

Tgt Ion:276 Resp: 1930256
Ion Ratio Lower Upper
276 100
138 21.8 23.4 35.0
277 24.2 20.0 30.0

