

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026238.D
 Acq On : 03 Jul 2023 23:05
 Operator : MA/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK8

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:04:48 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8484	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	26344	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	16584	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	34011	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	19561	0.400	ng/ul	# 0.00
23) Perylene-d12	23.999	264	19579	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	28344	2.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	9025	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	18014	0.242	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	39160	0.519	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	32699	0.680	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	27330	0.549	ng/ul	100
10) Acenaphthylene	14.316	152	81039	1.044	ng/ul	99
11) Acenaphthene	14.658	153	26438	0.416	ng/ul	99
12) Fluorene	15.643	166	26348	0.362	ng/ul#	98
15) Phenanthrene	17.385	178	910467	8.104	ng/ul	99
16) Anthracene	17.478	178	149817	1.500	ng/ul	99
19) Fluoranthene	19.405	202	2240586	21.445	ng/ul	96
20) Pyrene	19.768	202	1721668	15.843	ng/ul	96
21) Benzo(a)anthracene	21.514	228	723580	8.967	ng/ul	98
22) Chrysene	21.567	228	886821	10.562	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	1200964m	14.371	ng/ul	
25) Benzo(k)fluoranthene	23.285	252	434148m	5.174	ng/ul	
26) Benzo(a)pyrene	23.896	252	761915	10.497	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.591	276	606154	7.646	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.598	278	143781	2.396	ng/ul	92
29) Benzo(g,h,i)perylene	27.403	276	533888	7.570	ng/ul#	91

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

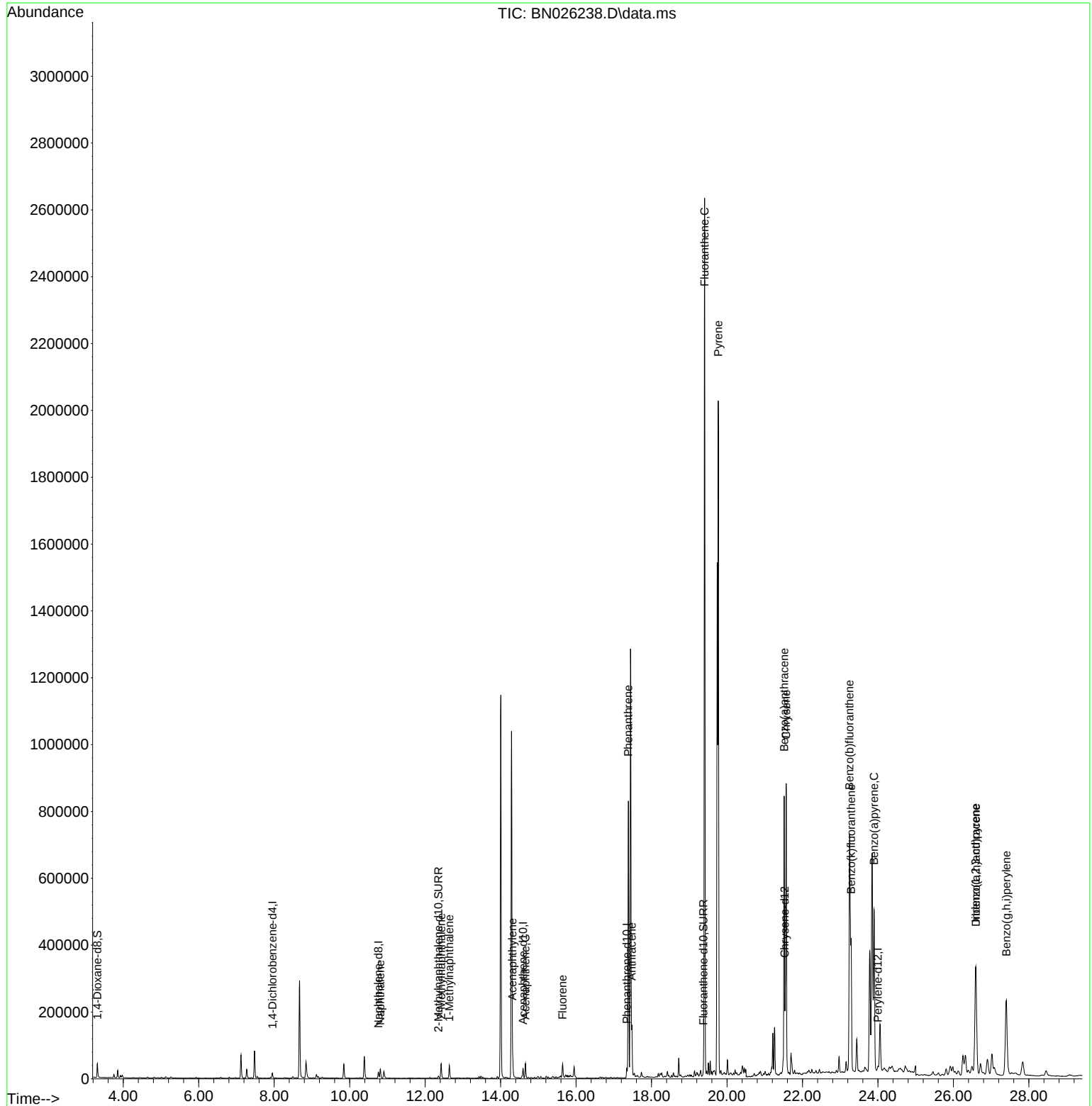
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026238.D
Acq On : 03 Jul 2023 23:05
Operator : MA/JU
Sample : 03246-21
Misc :
ALS Vial : 95 Sample Multiplier: 1

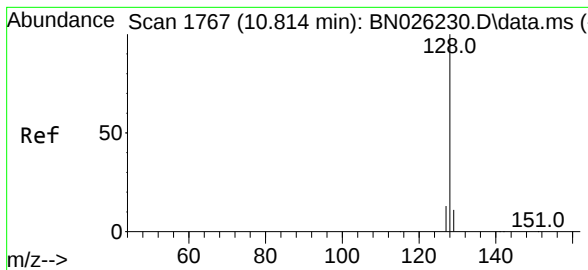
Instrument :
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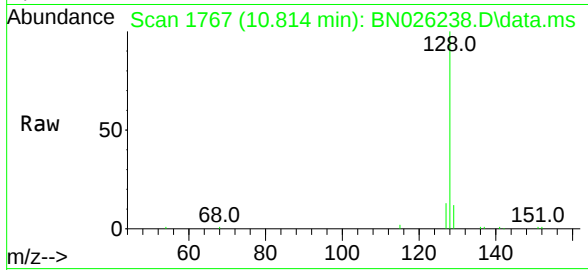
Quant Time: Jul 04 01:04:48 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.519 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

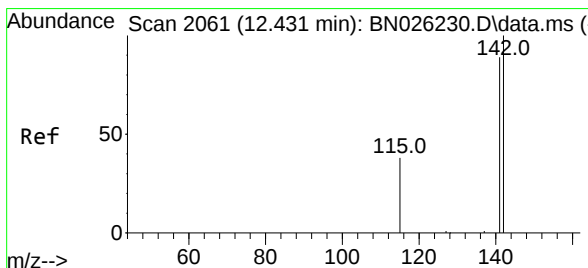
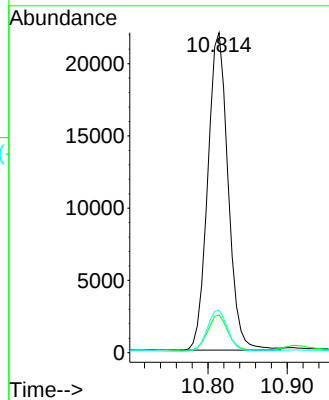
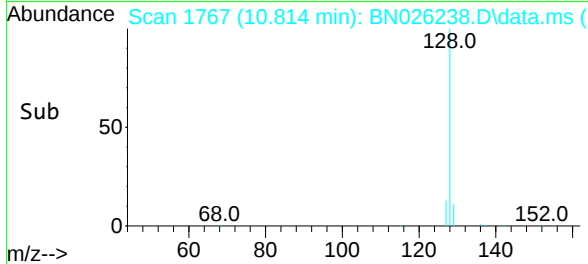
Instrument :
BNA_N
ClientSampleId :
DCGK8



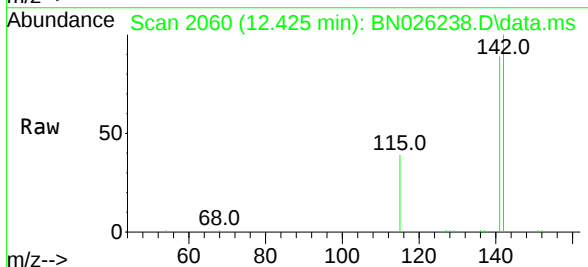
Tgt Ion:128 Resp: 39160
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.3 10.7 16.1

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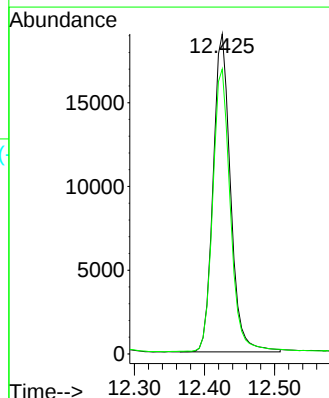
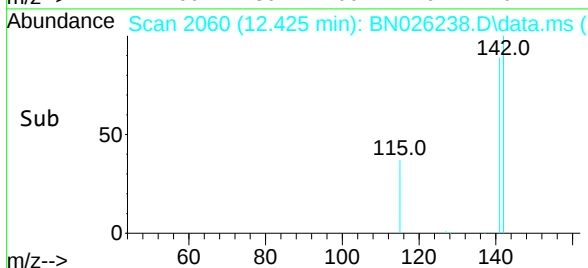
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

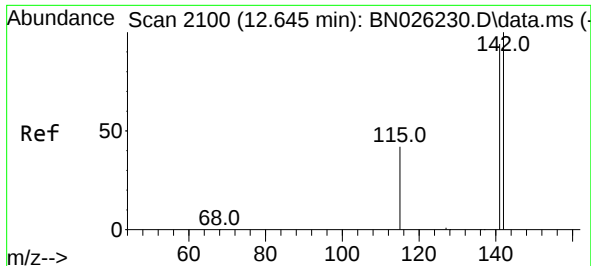


#7
2-Methylnaphthalene
Concen: 0.680 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05



Tgt Ion:142 Resp: 32699
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





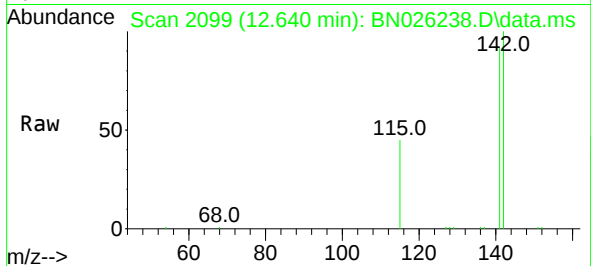
#8
1-Methylnaphthalene
Concen: 0.549 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

Instrument :

BNA_N

ClientSampleId :

DCGK8

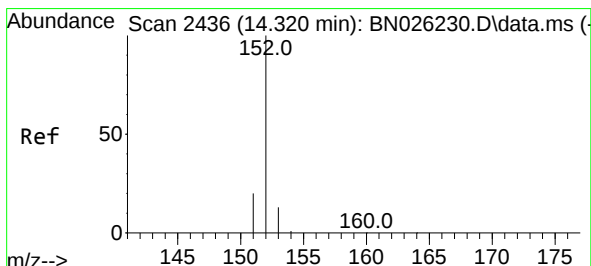
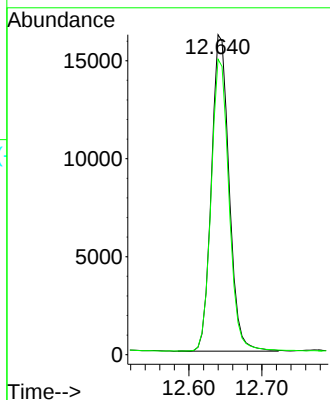
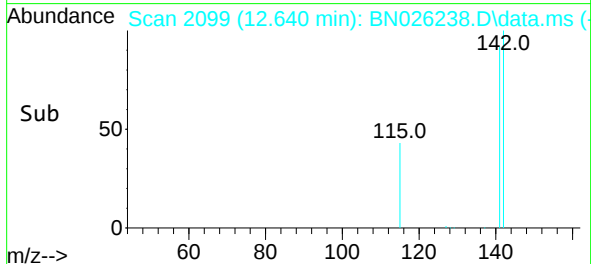


Tgt Ion:142 Resp: 27330
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

Manual Integrations

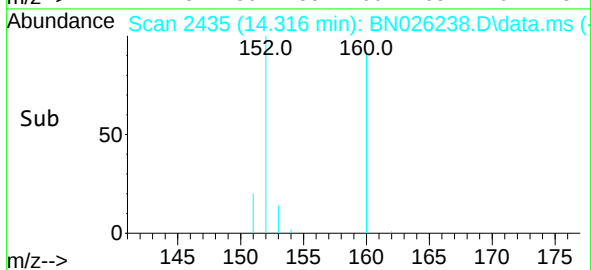
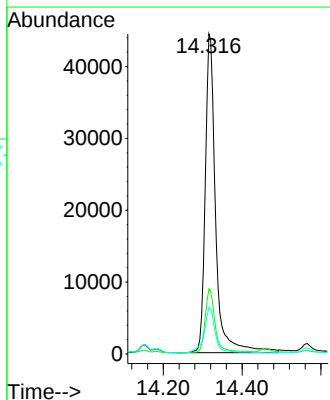
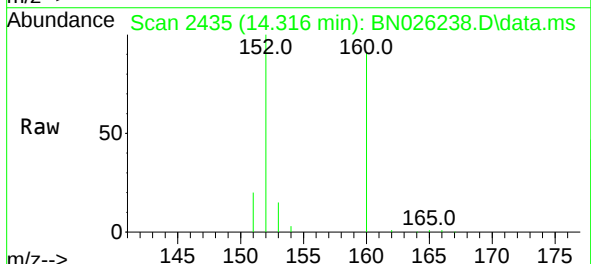
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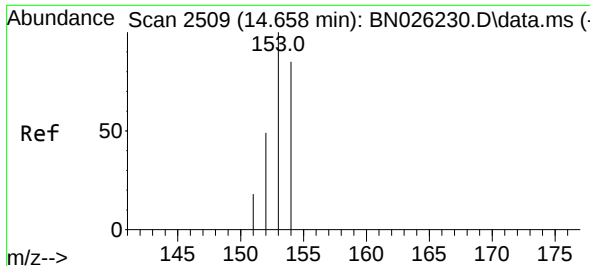
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 1.044 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

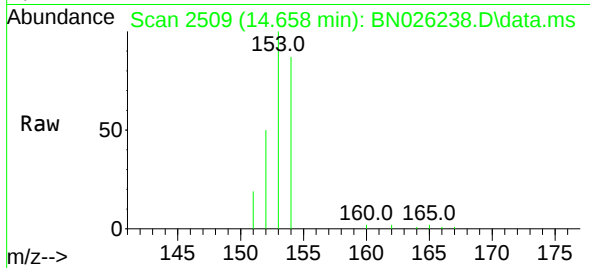
Tgt Ion:152 Resp: 81039
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

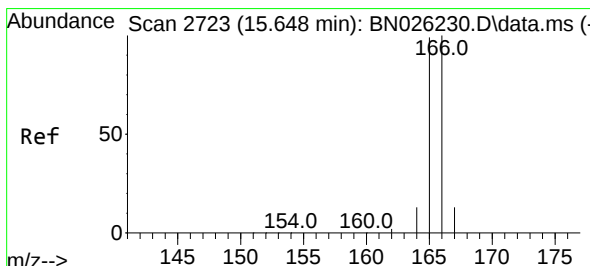
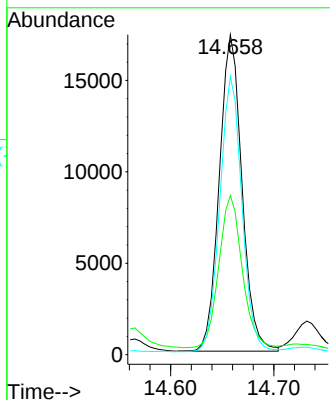
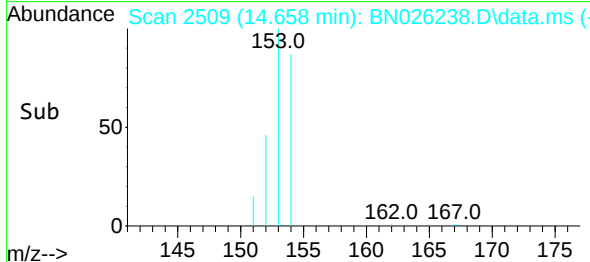
Instrument :
BNA_N
ClientSampleId :
DCGK8



Tgt Ion:153 Resp: 26438
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 86.9 68.9 103.3

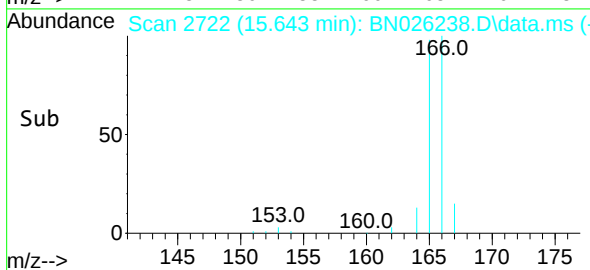
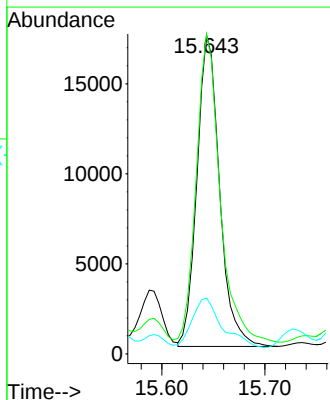
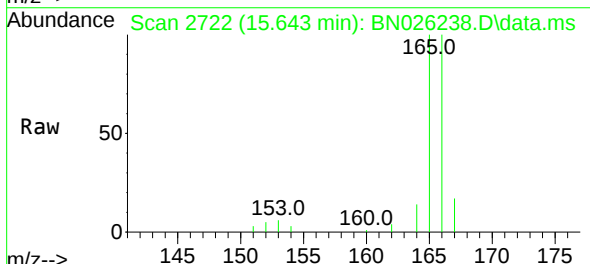
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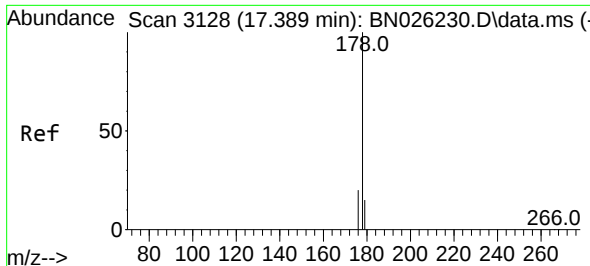
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

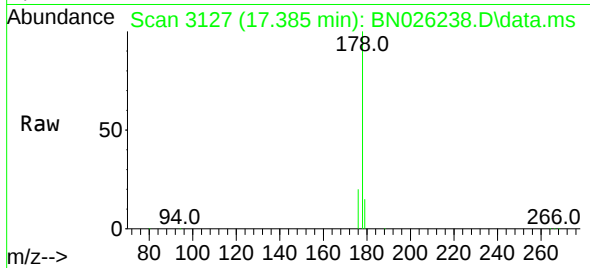
Tgt Ion:166 Resp: 26348
Ion Ratio Lower Upper
166 100
165 100.3 79.9 119.9
167 17.5 10.8 16.2





#15
Phenanthrene
Concen: 8.104 ng/u1
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

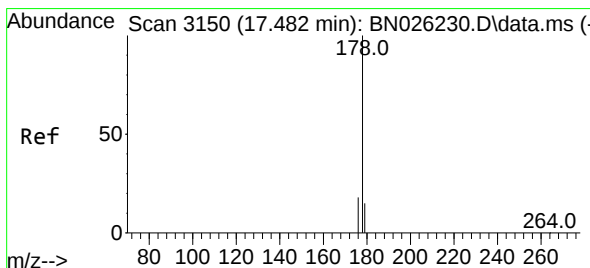
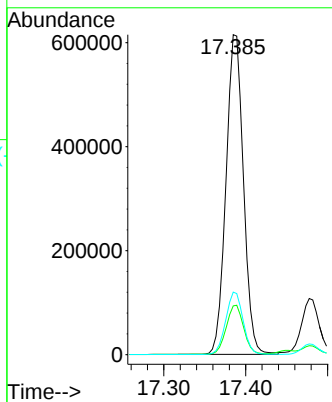
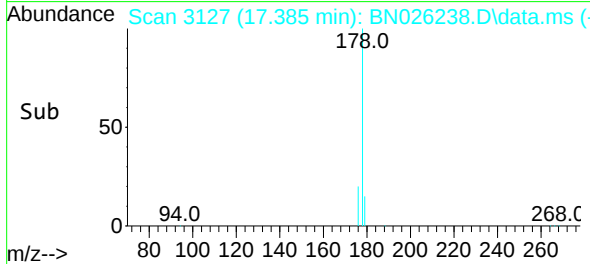
Instrument :
BNA_N
ClientSampleId :
DCGK8



Tgt Ion:178 Resp: 91046
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6

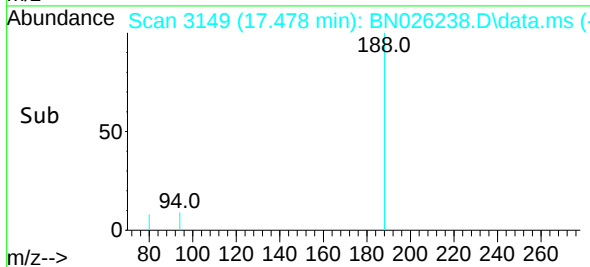
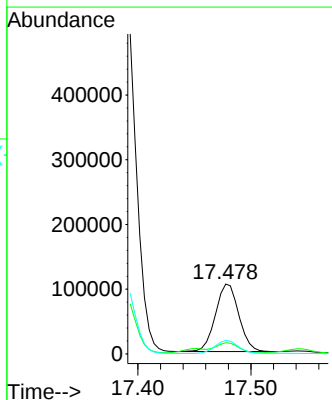
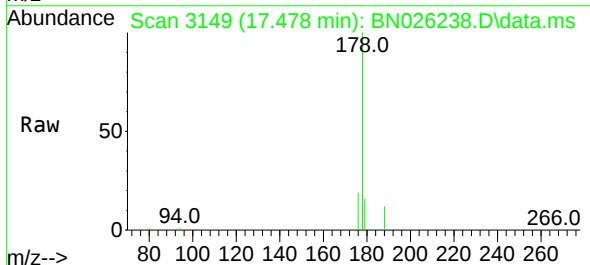
Manual Integrations
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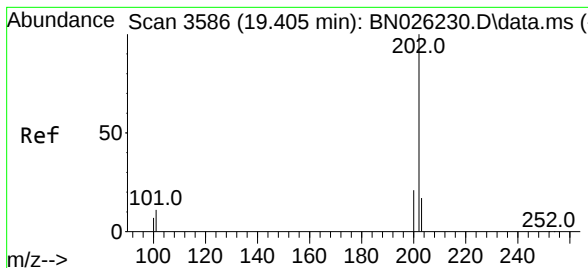
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 1.500 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

Tgt Ion:178 Resp: 149817
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.2 15.1 22.7





#19

Fluoranthene

Concen: 21.445 ng/u1

RT: 19.405 min Scan# 3586

Delta R.T. -0.000 min

Lab File: BN026238.D

Acq: 03 Jul 2023 23:05

Instrument :

BNA_N

ClientSampleId :

DCGK8

Tgt Ion:202 Resp: 2240586

Ion Ratio Lower Upper

202 100

101 10.2 9.5 14.3

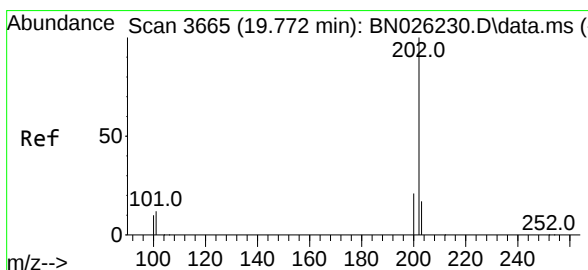
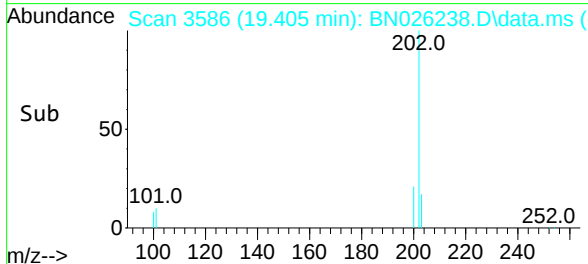
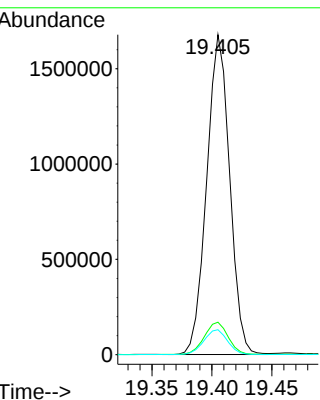
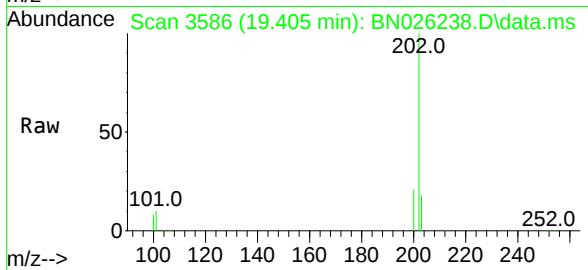
100 7.8 7.3 10.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#20

Pyrene

Concen: 15.843 ng/u1

RT: 19.768 min Scan# 3664

Delta R.T. -0.005 min

Lab File: BN026238.D

Acq: 03 Jul 2023 23:05

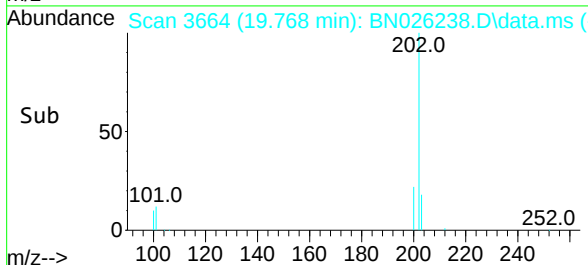
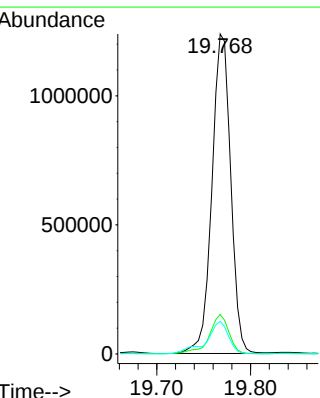
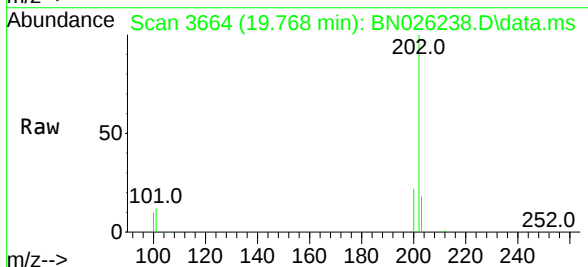
Tgt Ion:202 Resp: 1721668

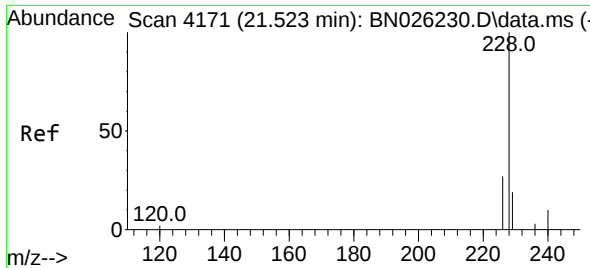
Ion Ratio Lower Upper

202 100

101 12.3 11.4 17.0

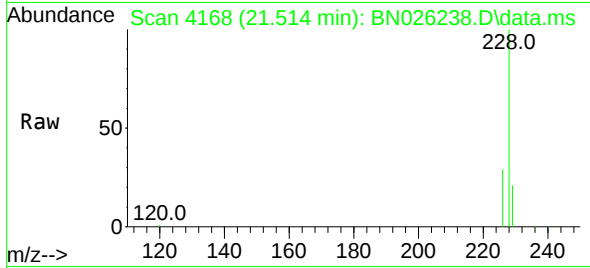
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 8.967 ng/u1
RT: 21.514 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

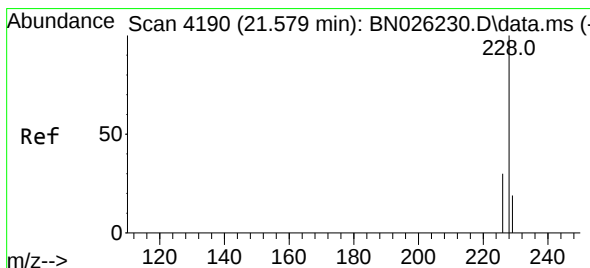
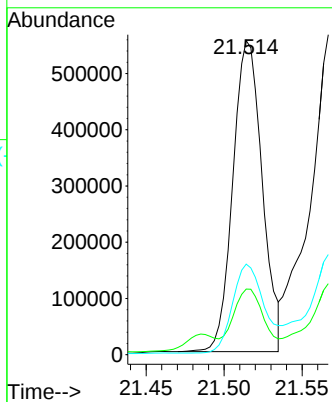
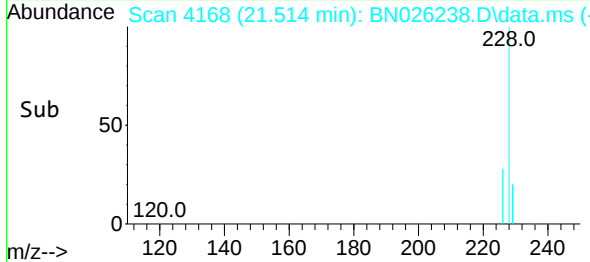
Instrument :
BNA_N
ClientSampleId :
DCGK8



Tgt Ion:228 Resp: 723580
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.8 22.5 33.7

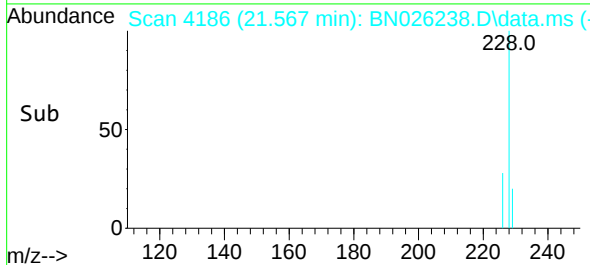
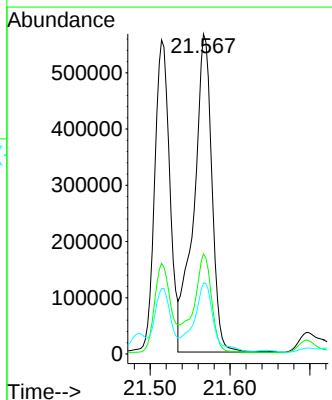
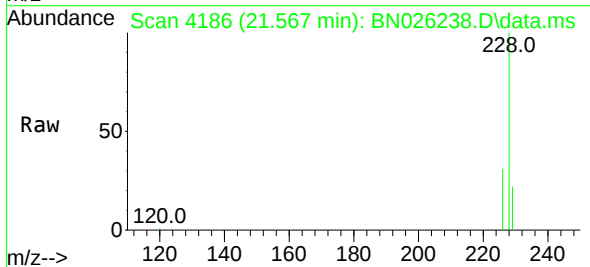
Manual Integrations
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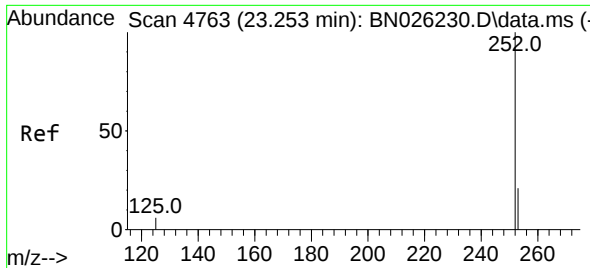
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 10.562 ng/u1
RT: 21.567 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

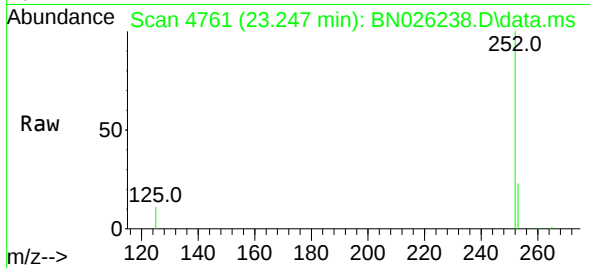
Tgt Ion:228 Resp: 886821
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 14.371 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

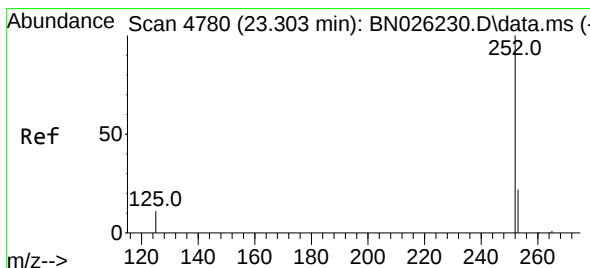
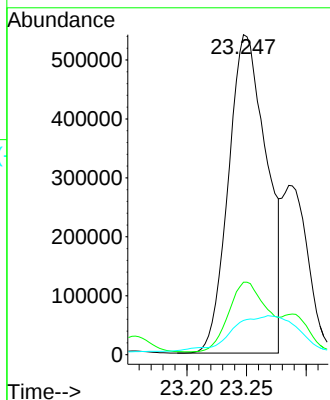
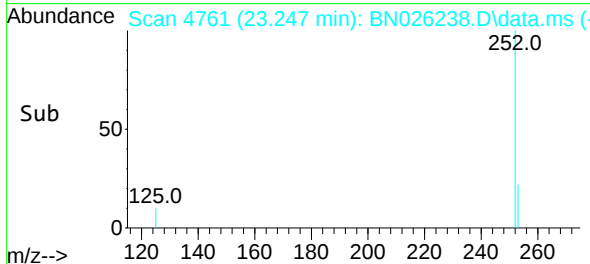
Instrument :
BNA_N
ClientSampleId :
DCGK8



Tgt Ion:252 Resp: 1200964
Ion Ratio Lower Upper
252 100
253 22.6 0.0 55.6
125 10.7 0.0 35.8

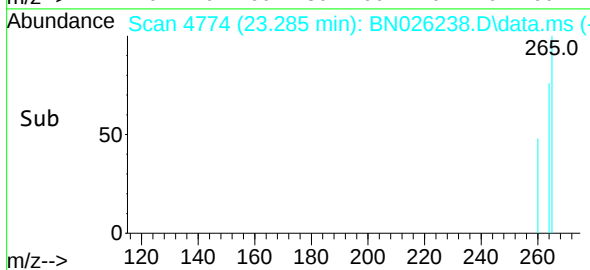
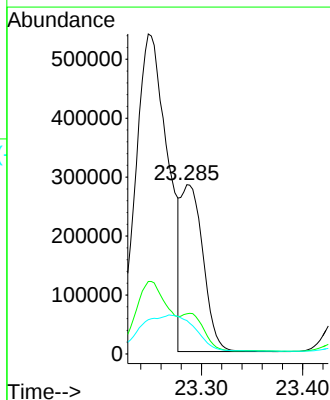
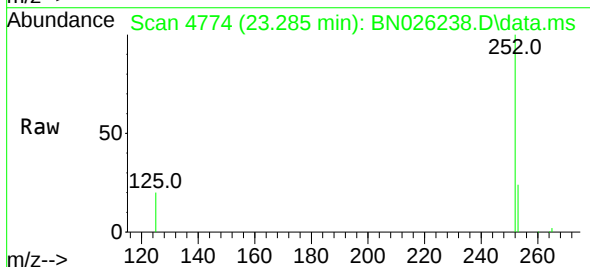
Manual Integrations
APPROVED

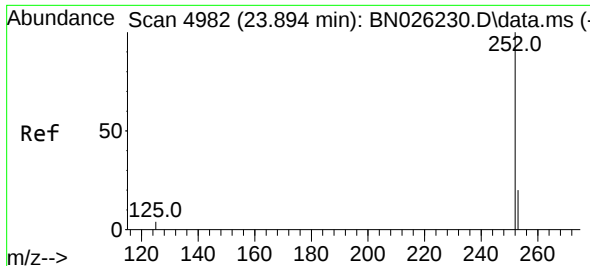
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 5.174 ng/ul m
RT: 23.285 min Scan# 4774
Delta R.T. -0.018 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

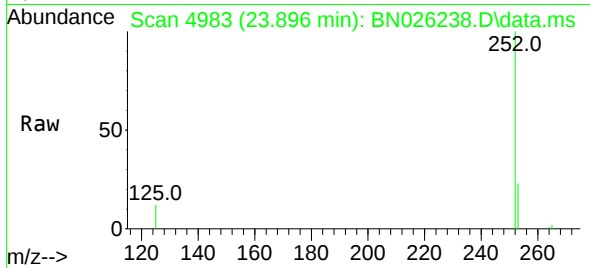
Tgt Ion:252 Resp: 434148
Ion Ratio Lower Upper
252 100
253 23.7 23.2 34.8
125 19.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 10.497 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. 0.003 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

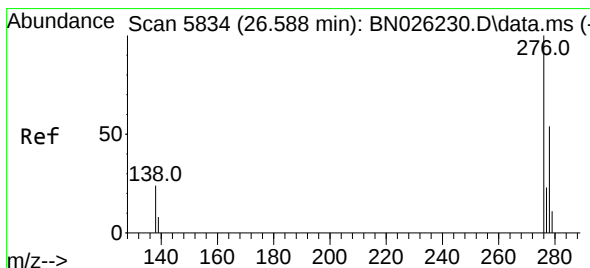
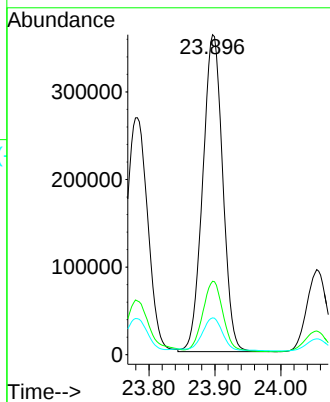
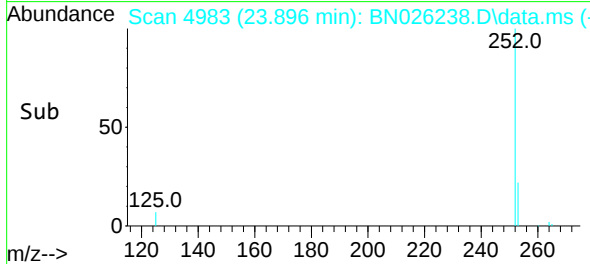
Instrument :
BNA_N
ClientSampleId :
DCGK8



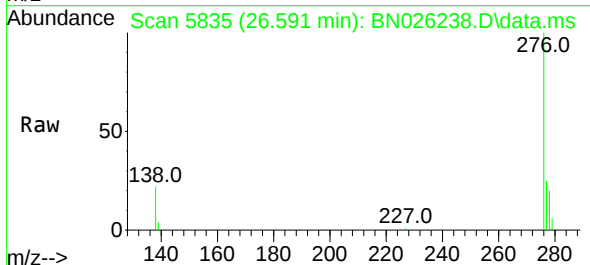
Tgt Ion:252 Resp: 761915
Ion Ratio Lower Upper
252 100
253 23.0 26.0 39.0#
125 11.5 17.3 25.9#

Manual Integrations
APPROVED

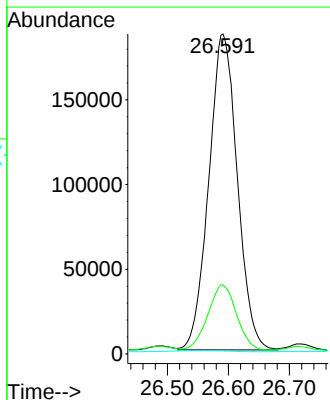
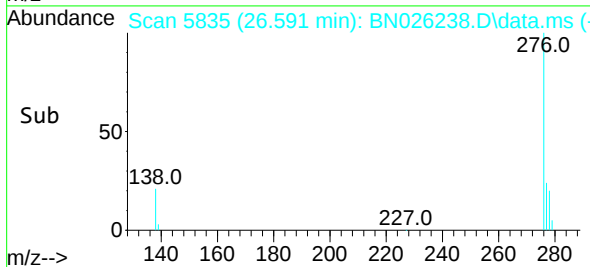
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

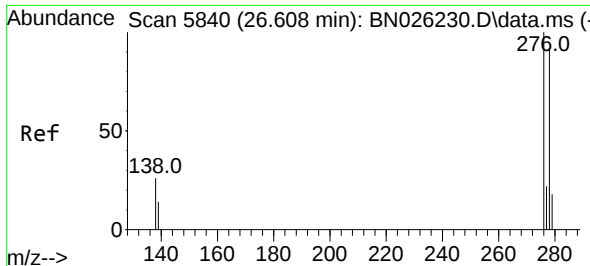


#27
Indeno(1,2,3-cd)pyrene
Concen: 7.646 ng/ul
RT: 26.591 min Scan# 5835
Delta R.T. 0.003 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05



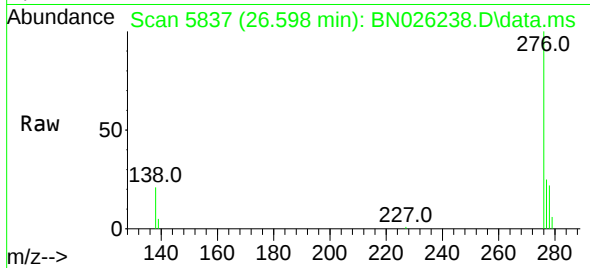
Tgt Ion:276 Resp: 606154
Ion Ratio Lower Upper
276 100
138 20.7 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.396 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. -0.010 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05

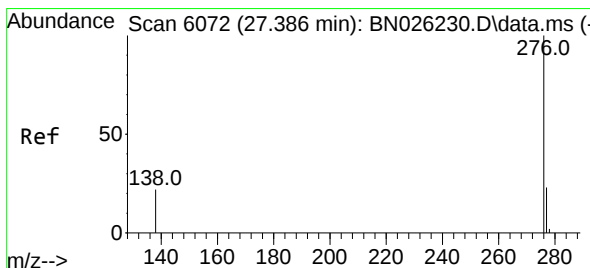
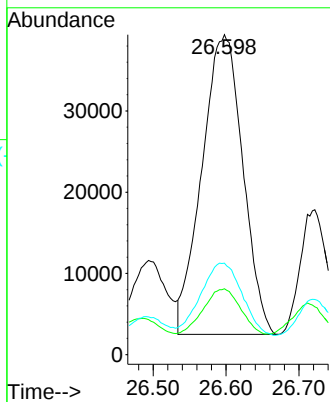
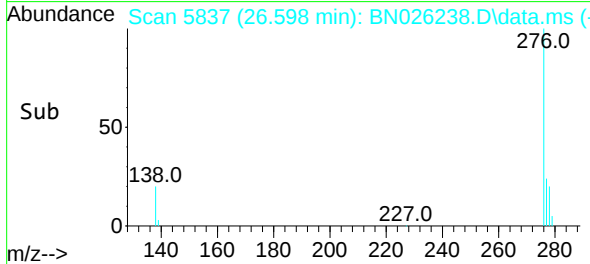
Instrument :
BNA_N
ClientSampleId :
DCGK8



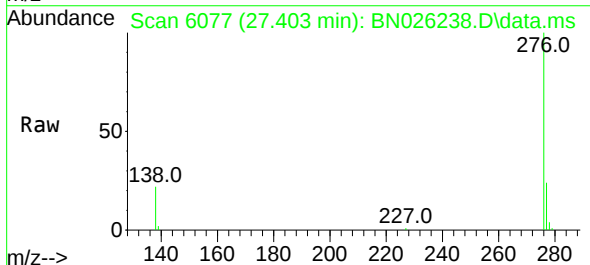
Tgt Ion:278 Resp: 14378
Ion Ratio Lower Upper
278 100
139 20.6 19.0 28.4
279 28.6 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 7.570 ng/ul
RT: 27.403 min Scan# 6077
Delta R.T. 0.017 min
Lab File: BN026238.D
Acq: 03 Jul 2023 23:05



Tgt Ion:276 Resp: 533888
Ion Ratio Lower Upper
276 100
138 21.5 23.4 35.0#
277 24.1 20.0 30.0

