

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026169.D
 Acq On : 02 Jul 2023 02:24
 Operator : MA/JU
 Sample : 03245-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGG8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 05:03:39 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	7426	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	23908	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	14324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	29555	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	16360	0.400	ng/ul	-0.01
23) Perylene-d12	23.986	264	16612	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	22843	2.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	6732	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	13718	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	4107	0.060	ng/ul#	91
7) 2-Methylnaphthalene	12.430	142	2971	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.650	142	2261	0.050	ng/ul	100
10) Acenaphthylene	14.320	152	3393	0.051	ng/ul#	84
11) Acenaphthene	14.658	153	1559	0.028	ng/ul	96
15) Phenanthrene	17.384	178	37988	0.389	ng/ul	99
16) Anthracene	17.477	178	10361	0.119	ng/ul#	94
19) Fluoranthene	19.400	202	98298	1.125	ng/ul	97
20) Pyrene	19.767	202	82200	0.904	ng/ul	97
21) Benzo(a)anthracene	21.511	228	44400	0.658	ng/ul	96
22) Chrysene	21.566	228	57668	0.821	ng/ul	96
24) Benzo(b)fluoranthene	23.238	252	75914m	1.071	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	31486m	0.442	ng/ul	
26) Benzo(a)pyrene	23.878	252	47033	0.764	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.570	276	42712	0.635	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.584	278	14263	0.280	ng/ul#	88
29) Benzo(g,h,i)perylene	27.365	276	42558	0.711	ng/ul	98

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

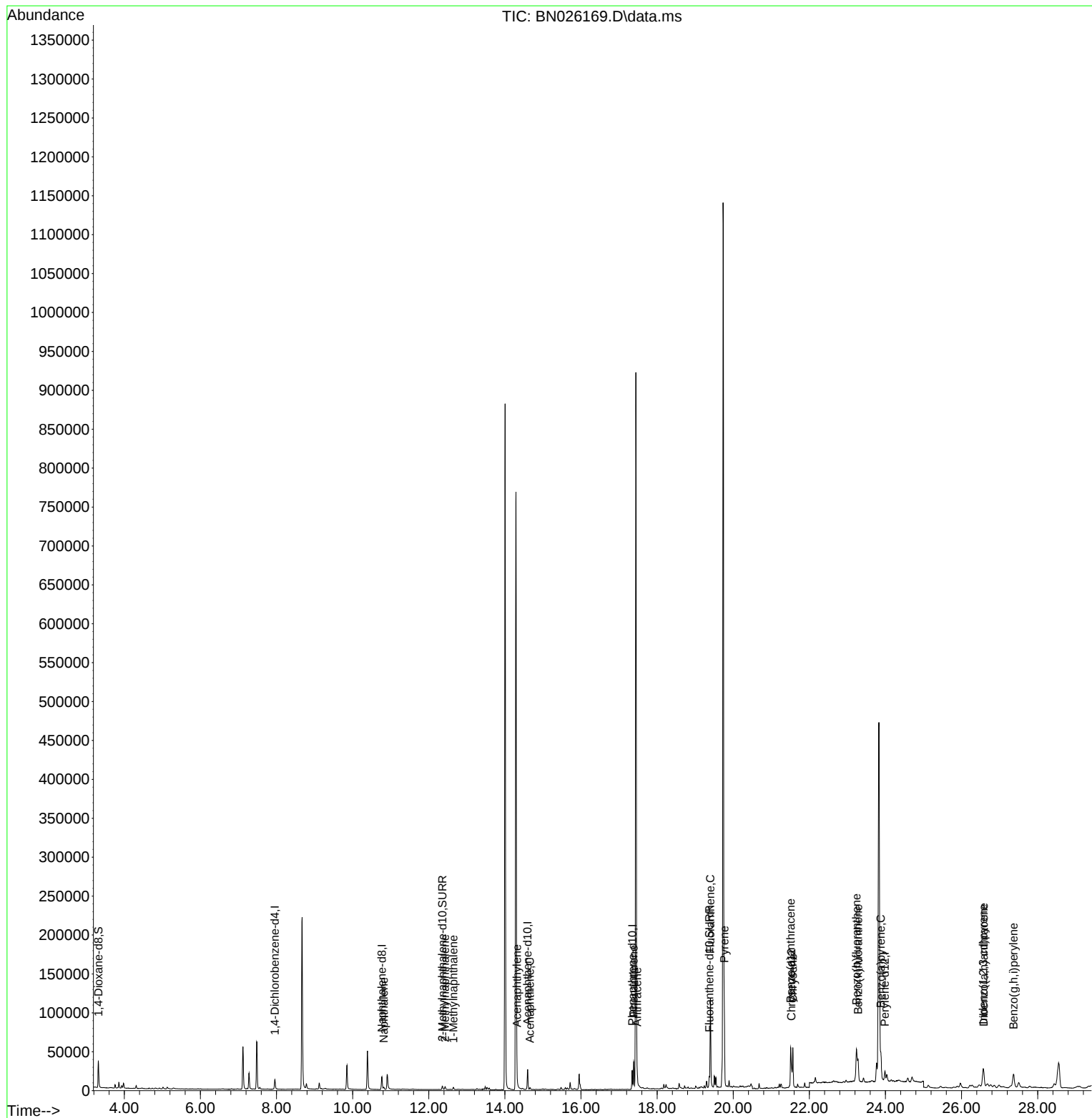
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026169.D
Acq On : 02 Jul 2023 02:24
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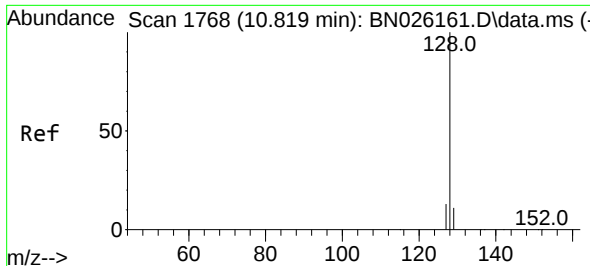
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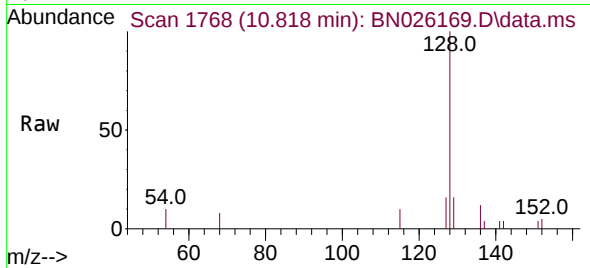
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

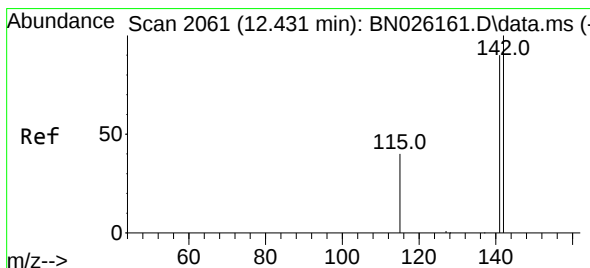
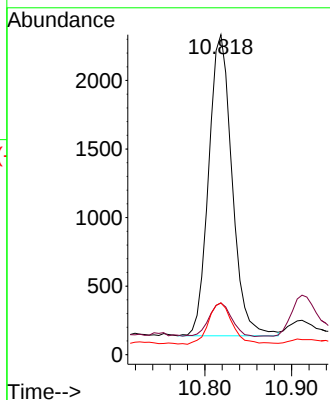
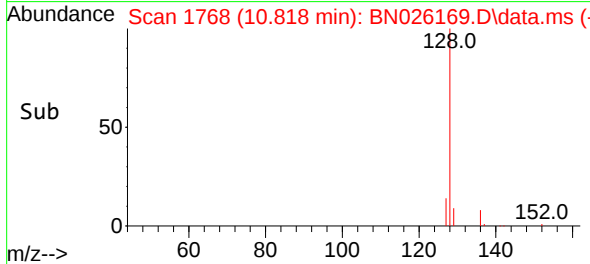
Instrument :
BNA_N
ClientSampleId :
DCGG8



Tgt Ion:128 Resp: 4107
Ion Ratio Lower Upper
128 100
129 16.2 9.1 13.7
127 16.2 10.7 16.1

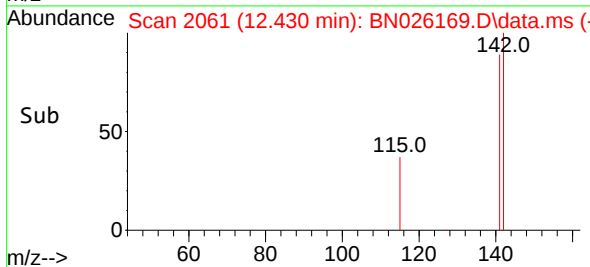
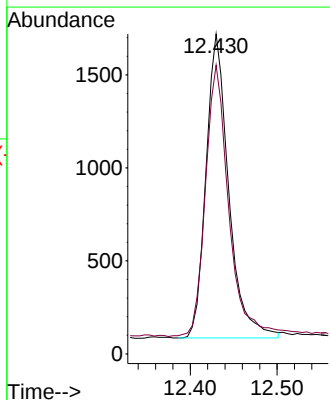
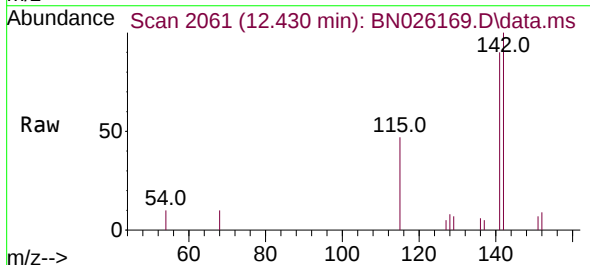
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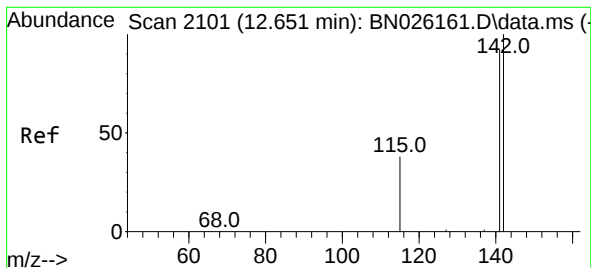
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

Tgt Ion:142 Resp: 2971
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.050 ng/ul

RT: 12.650 min Scan# 2101

Delta R.T. -0.001 min

Lab File: BN026169.D

Acq: 02 Jul 2023 02:24

Instrument :

BNA_N

ClientSampleId :

DCG8

Tgt Ion:142 Resp: 226

Ion Ratio Lower Upper

142 100

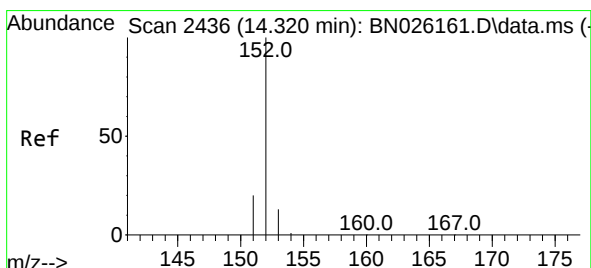
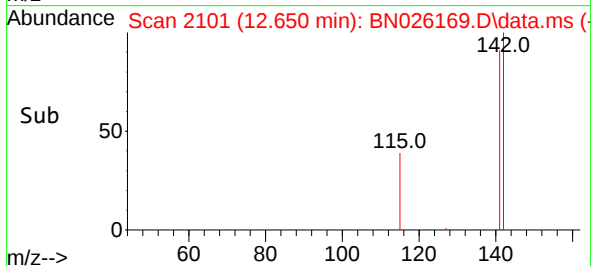
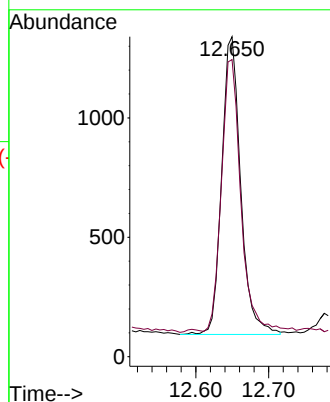
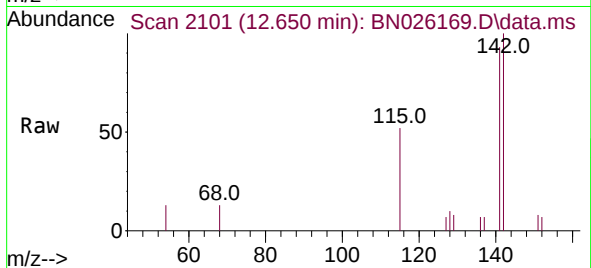
141 92.7 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BN026169.D

Acq: 02 Jul 2023 02:24

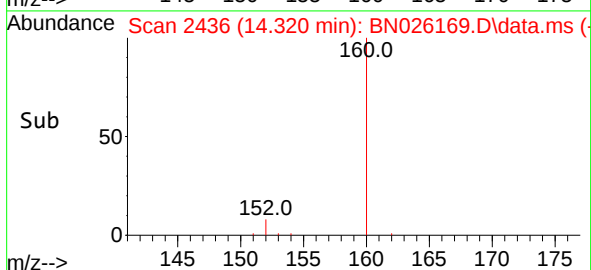
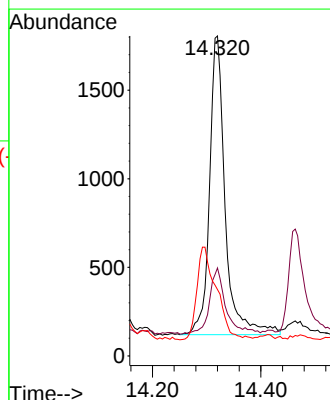
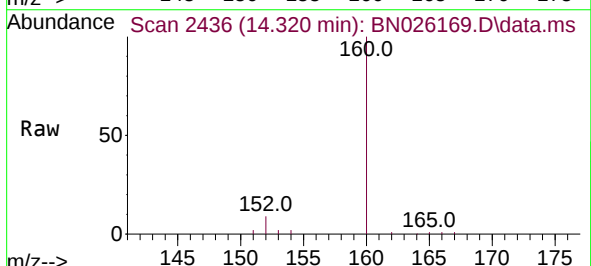
Tgt Ion:152 Resp: 3393

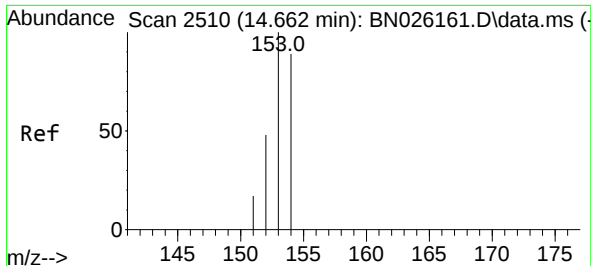
Ion Ratio Lower Upper

152 100

151 27.5 16.2 24.4#

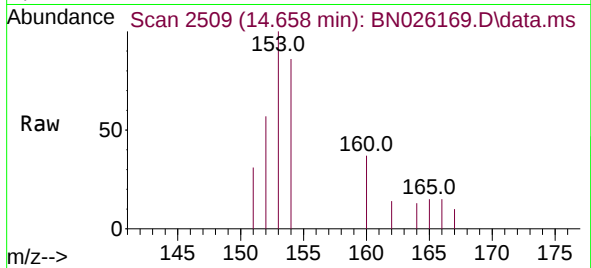
153 20.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

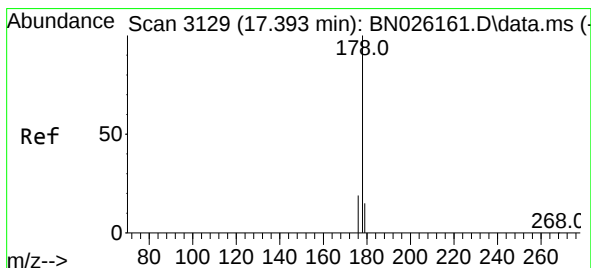
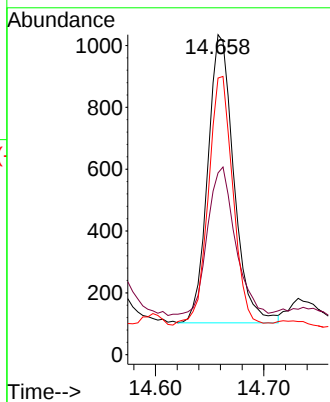
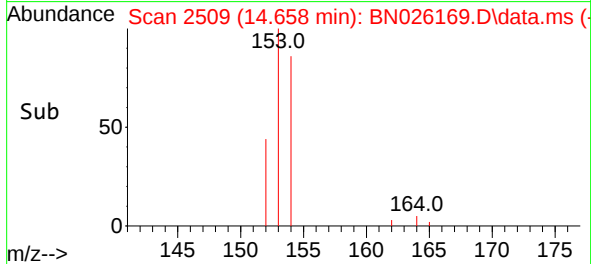
Instrument :
BNA_N
ClientSampleId :
DCGG8



Tgt Ion:153 Resp: 1559
Ion Ratio Lower Upper
153 100
152 56.8 39.4 59.0
154 86.5 68.9 103.3

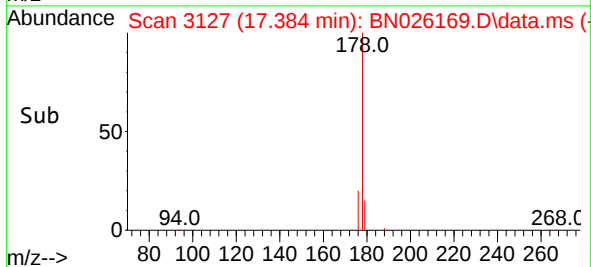
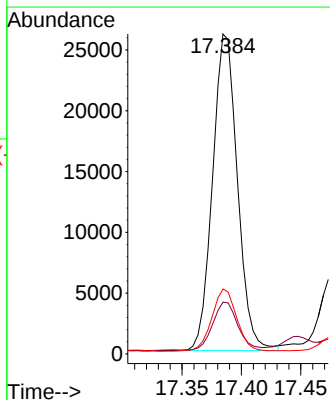
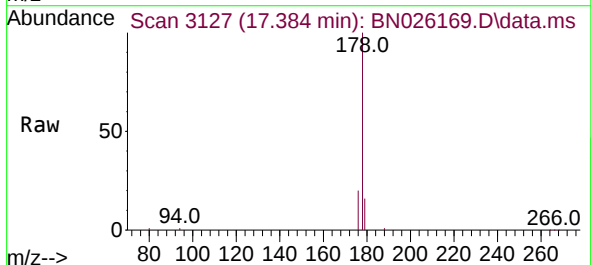
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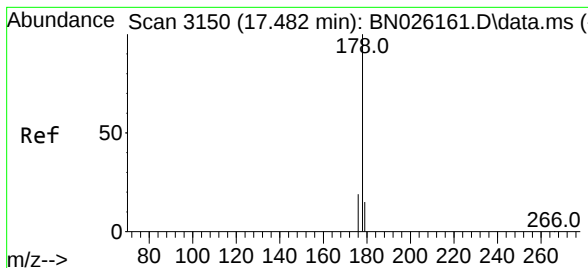
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#15
Phenanthrene
Concen: 0.389 ng/u1
RT: 17.384 min Scan# 3127
Delta R.T. -0.010 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

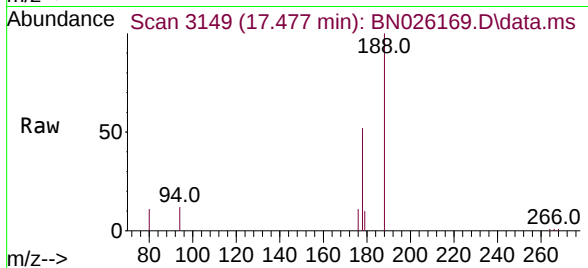
Tgt Ion:178 Resp: 37988
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.3 15.8 23.6





#16
 Anthracene
 Concen: 0.119 ng/ul
 RT: 17.477 min Scan# 3150
 Delta R.T. -0.010 min
 Lab File: BN026169.D
 Acq: 02 Jul 2023 02:24

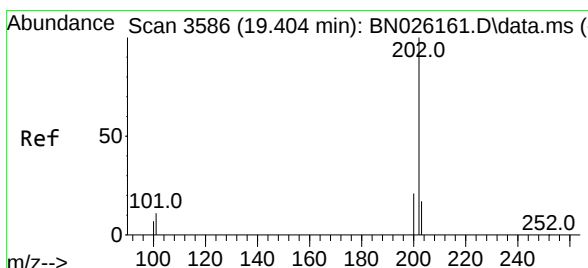
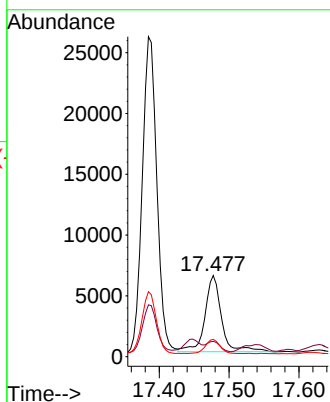
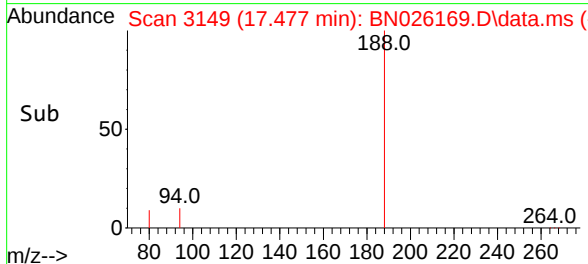
Instrument :
 BNA_N
 ClientSampleId :
 DCGG8



Tgt Ion:178 Resp: 1036
 Ion Ratio Lower Upper
 178 100
 179 18.9 12.6 18.8
 176 21.2 15.1 22.7

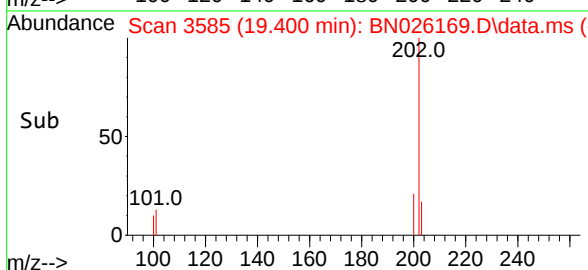
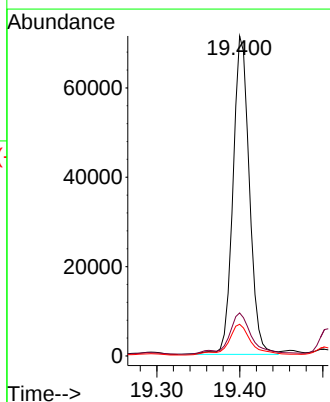
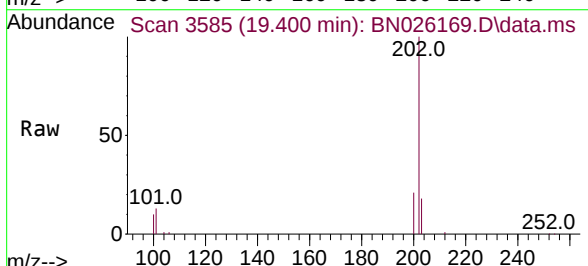
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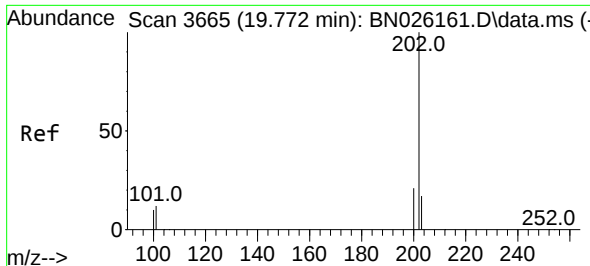
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 1.125 ng/ul
 RT: 19.400 min Scan# 3585
 Delta R.T. -0.011 min
 Lab File: BN026169.D
 Acq: 02 Jul 2023 02:24

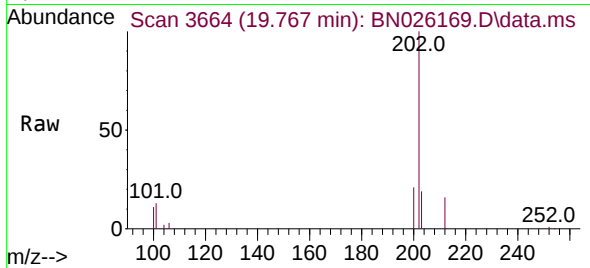
Tgt Ion:202 Resp: 98298
 Ion Ratio Lower Upper
 202 100
 101 13.5 9.5 14.3
 100 9.9 7.3 10.9





#20
Pyrene
Concen: 0.904 ng/ul
RT: 19.767 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

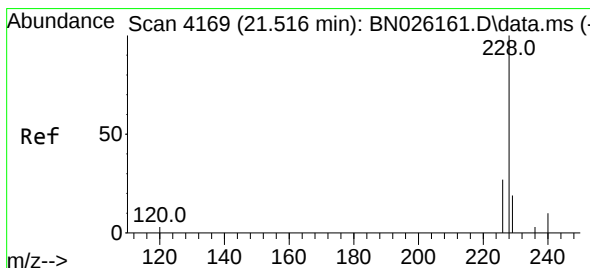
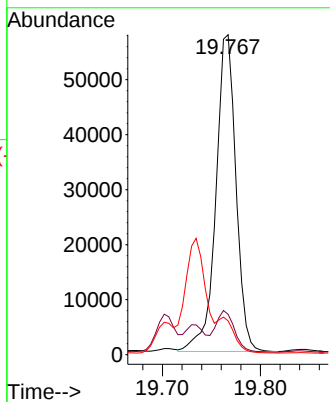
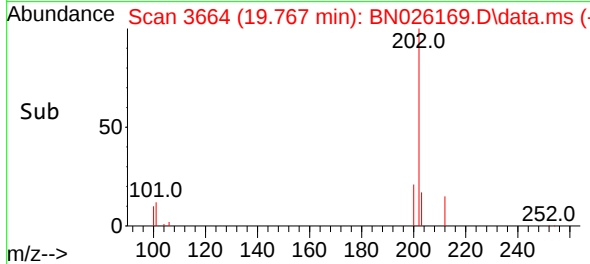
Instrument :
BNA_N
ClientSampleId :
DCGG8



Tgt Ion:202 Resp: 82200
Ion Ratio Lower Upper
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101 12.6 11.4 17.0
100 10.6 9.1 13.7

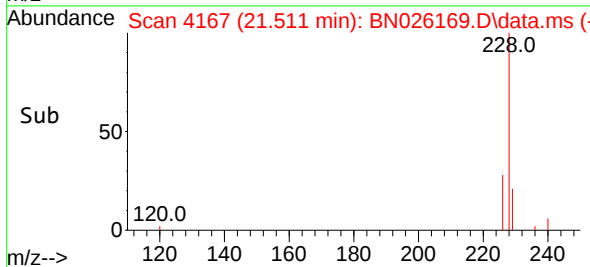
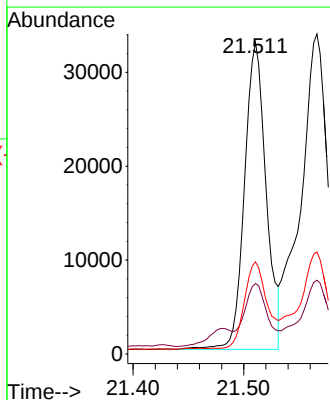
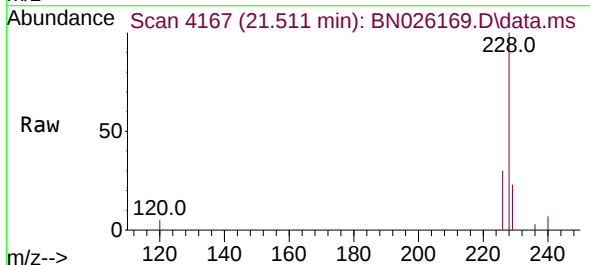
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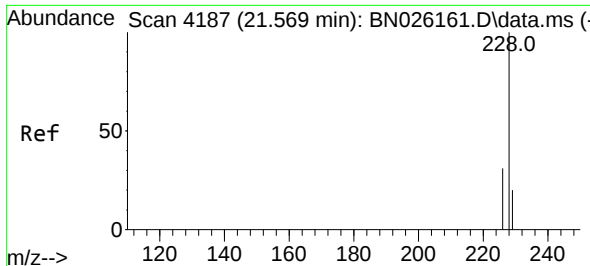
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#21
Benzo(a)anthracene
Concen: 0.658 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.016 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

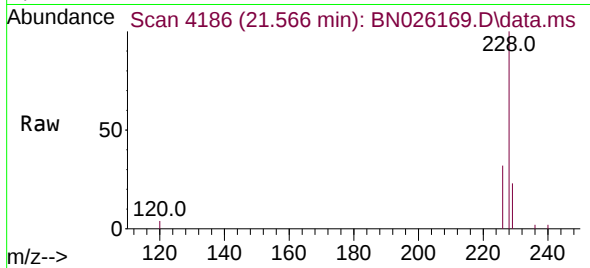
Tgt Ion:228 Resp: 44400
Ion Ratio Lower Upper
228 100
229 22.6 15.8 23.6
226 29.6 22.5 33.7





#22
Chrysene
Concen: 0.821 ng/ul
RT: 21.566 min Scan# 4186
Delta R.T. -0.013 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

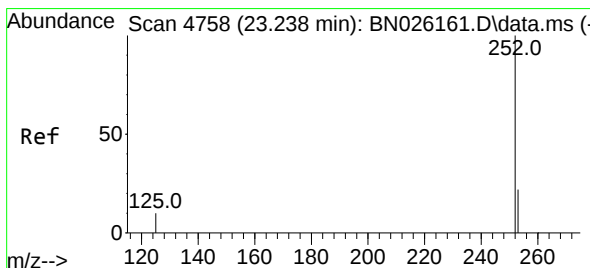
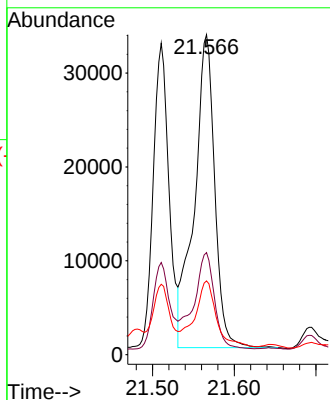
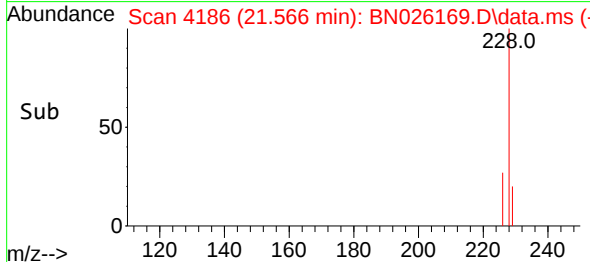
Instrument :
BNA_N
ClientSampleId :
DCG8



Tgt Ion:228 Resp: 5766
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 23.1 15.7 23.5

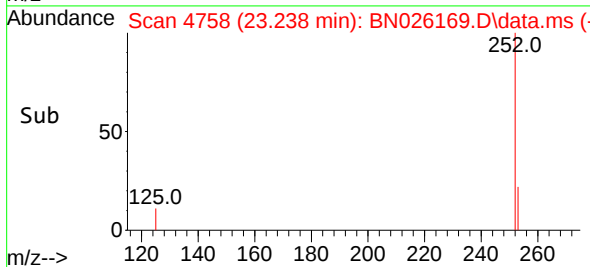
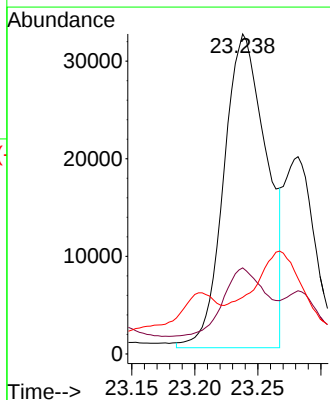
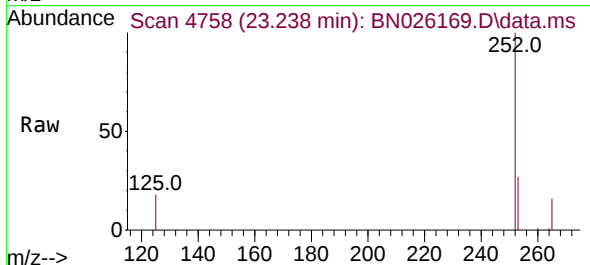
Manual Integrations
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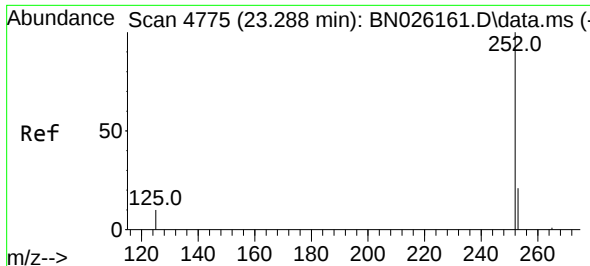
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#24
Benzo(b)fluoranthene
Concen: 1.071 ng/ul m
RT: 23.238 min Scan# 4758
Delta R.T. -0.004 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

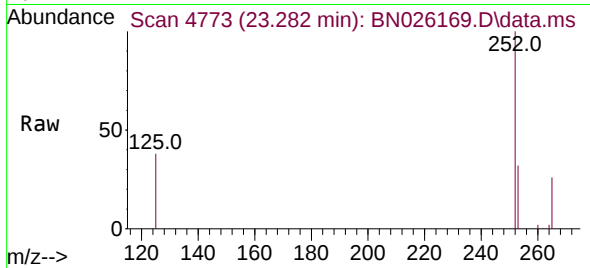
Tgt Ion:252 Resp: 75914
Ion Ratio Lower Upper
252 100
253 26.9 0.0 55.6
125 17.7 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul m
RT: 23.282 min Scan# 4775
Delta R.T. -0.010 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24

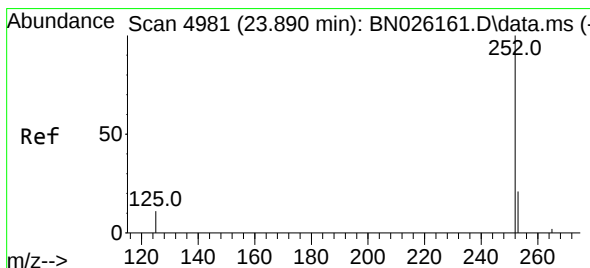
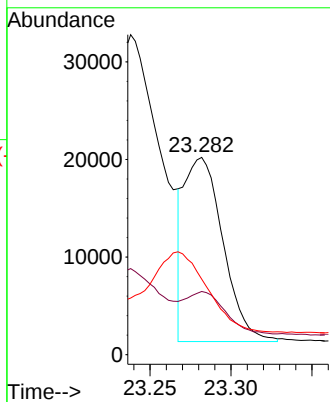
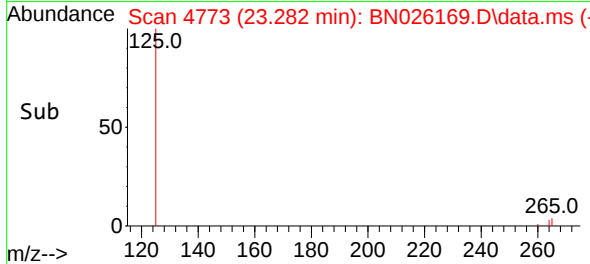
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DCGG8



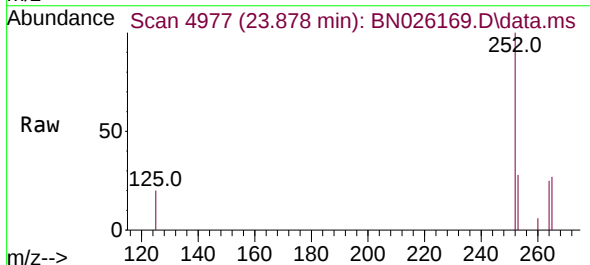
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Ion Ratio Lower Upper
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125 38.3 15.0 22.4

Manual Integrations
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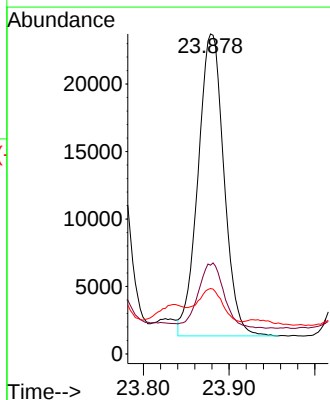
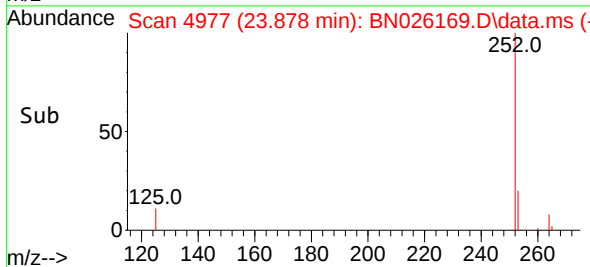
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

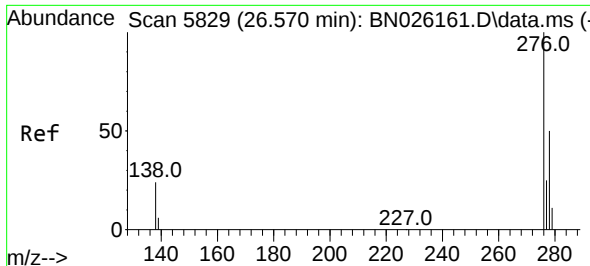


#26
Benzo(a)pyrene
Concen: 0.764 ng/ul
RT: 23.878 min Scan# 4977
Delta R.T. -0.007 min
Lab File: BN026169.D
Acq: 02 Jul 2023 02:24



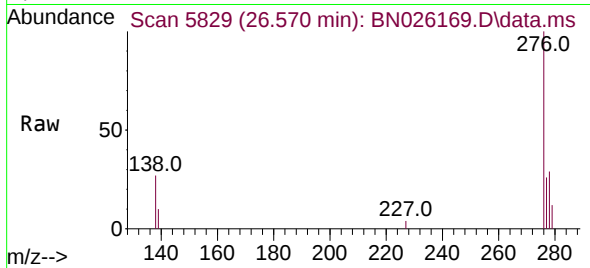
Tgt Ion:252 Resp: 47033
Ion Ratio Lower Upper
252 100
253 27.8 26.0 39.0
125 20.4 17.3 25.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.635 ng/ul
 RT: 26.570 min Scan# 5829
 Delta R.T. 0.012 min
 Lab File: BN026169.D
 Acq: 02 Jul 2023 02:24

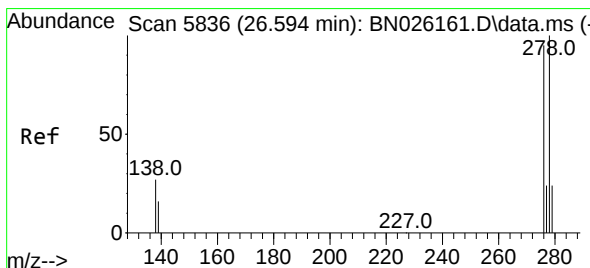
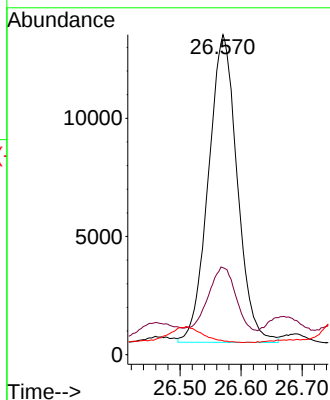
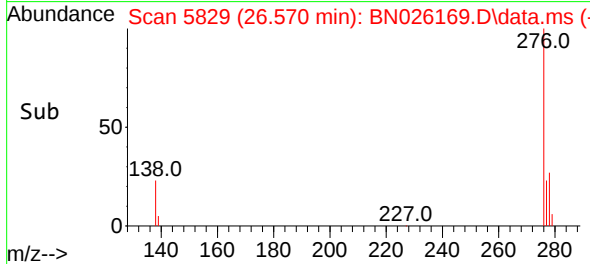
Instrument :
 BNA_N
 ClientSampleId :
 DCGG8



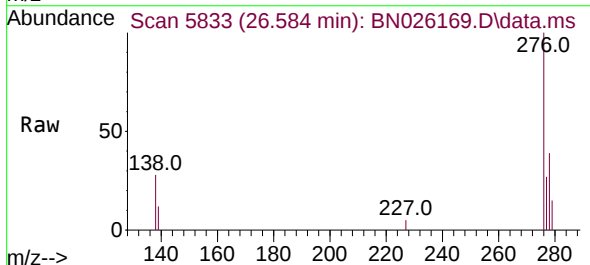
Tgt Ion: 276 Resp: 42712
 Ion Ratio Lower Upper
 276 100
 138 21.1 24.5 36.7
 227 0.0 0.0 0.0

Manual Integrations
 APPROVED

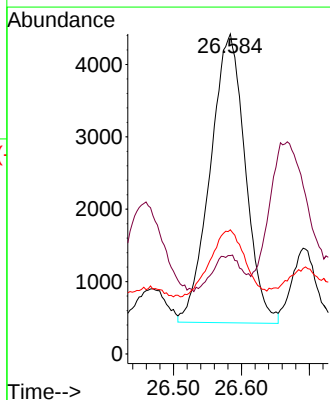
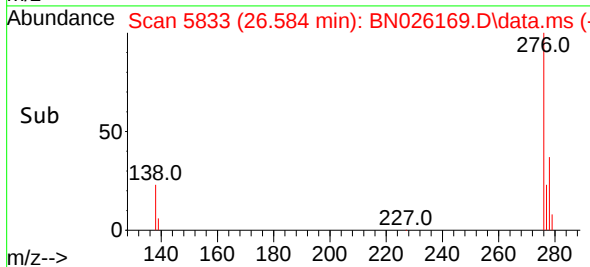
Reviewed By : Yogesh Patel 07/02/2023
 Supervised By : Sohil Jodhani 07/02/2023

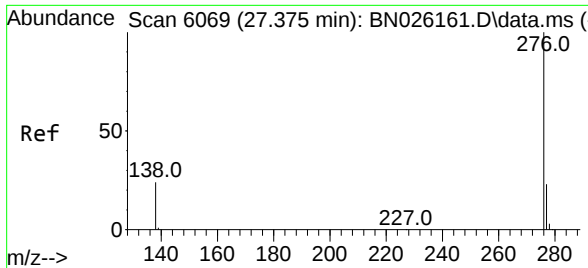


#28
 Dibenzo(a,h)anthracene
 Concen: 0.280 ng/ul
 RT: 26.584 min Scan# 5833
 Delta R.T. 0.005 min
 Lab File: BN026169.D
 Acq: 02 Jul 2023 02:24



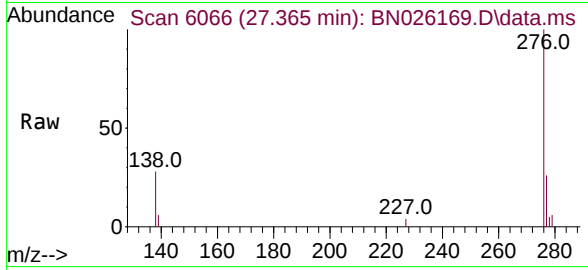
Tgt Ion: 278 Resp: 14263
 Ion Ratio Lower Upper
 278 100
 139 30.8 19.0 28.4
 279 38.8 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.711 ng/ul
 RT: 27.365 min Scan# 6066
 Delta R.T. 0.019 min
 Lab File: BN026169.D
 Acq: 02 Jul 2023 02:24

Instrument :
 BNA_N
 ClientSampleId :
 DCGG8



Tgt Ion: 276 Resp: 42558

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.4	35.0
277	25.8	20.0	30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

