

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026327.D
 Acq On : 06 Jul 2023 13:11
 Operator : MA/JU
 Sample : 03248-11DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGN9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 18:12:50 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 : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	5261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	22209	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	12795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	24962	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	14895	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	14997	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	5690	0.960	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	1691	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	3008	0.053	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.798	128	12288	0.193	ng/ul	97
7) 2-Methylnaphthalene	12.414	142	4129	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	3241	0.077	ng/ul	98
10) Acenaphthylene	14.302	152	26843	0.448	ng/ul	99
11) Acenaphthene	14.644	153	5011	0.102	ng/ul	99
12) Fluorene	15.630	166	4671	0.083	ng/ul#	97
15) Phenanthrene	17.372	178	157664	1.912	ng/ul	99
16) Anthracene	17.465	178	36968	0.504	ng/ul	98
19) Fluoranthene	19.391	202	432251	5.433	ng/ul	96
20) Pyrene	19.754	202	358465	4.332	ng/ul	96
21) Benzo(a)anthracene	21.511	228	163877	2.667	ng/ul	98
22) Chrysene	21.564	228	190105	2.973	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	326826m	5.106	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	109804m	1.708	ng/ul	
26) Benzo(a)pyrene	23.879	252	188513	3.391	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.564	276	150910	2.485	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.578	278	36977	0.805	ng/ul	99
29) Benzo(g,h,i)perylene	27.356	276	123928	2.294	ng/ul	96

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

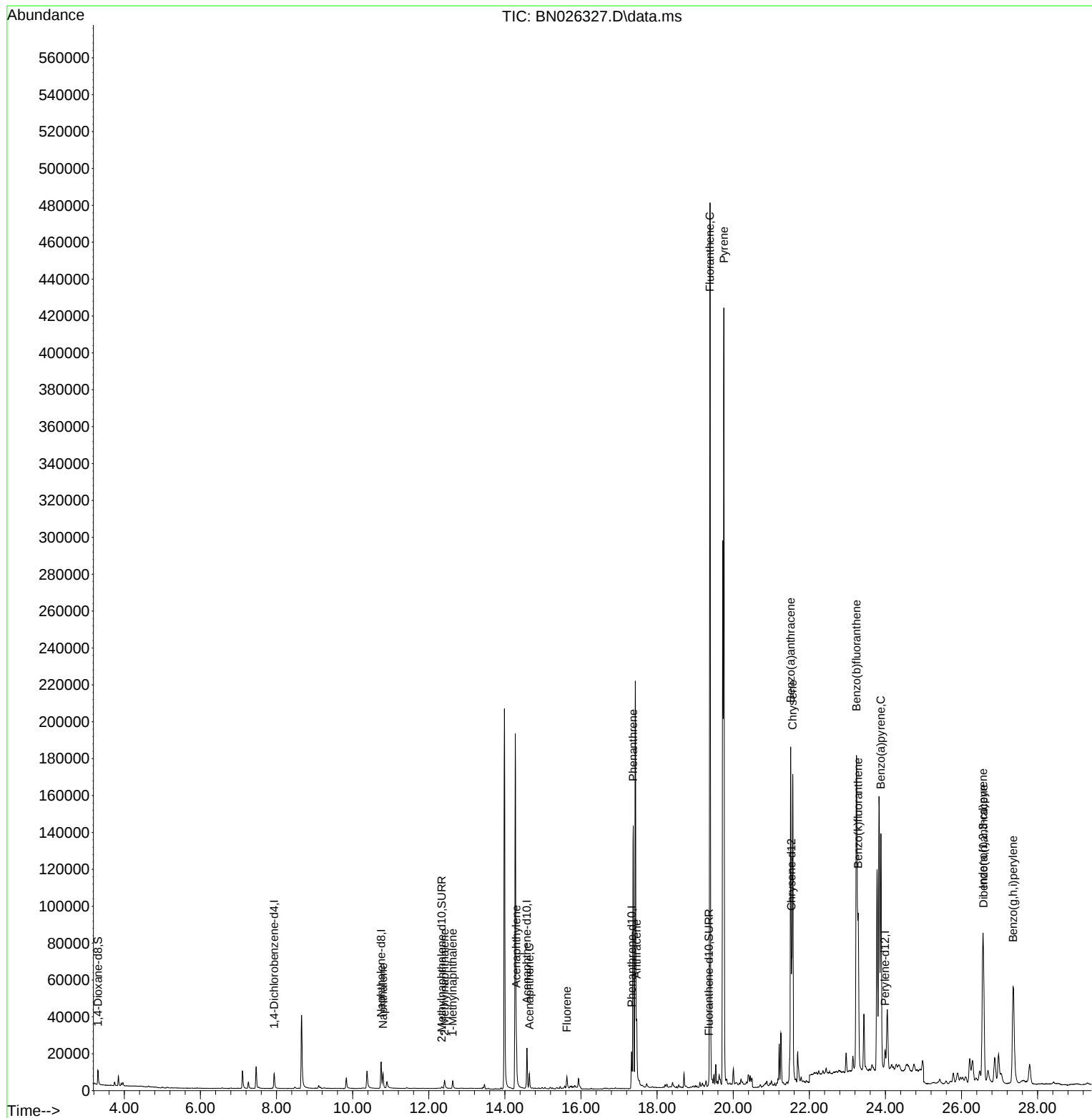
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026327.D
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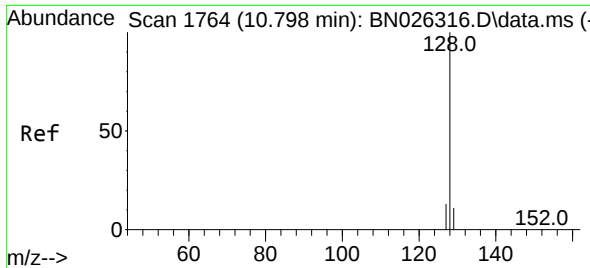
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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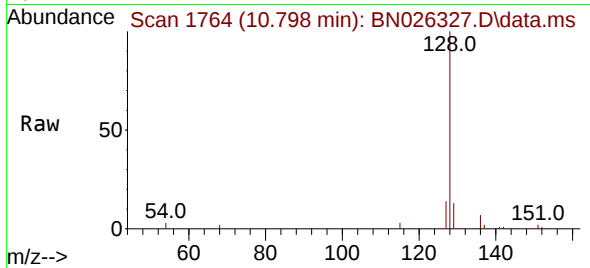
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.193 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

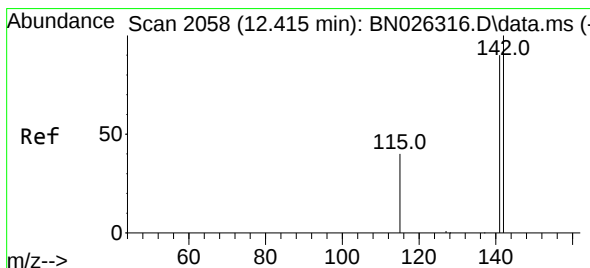
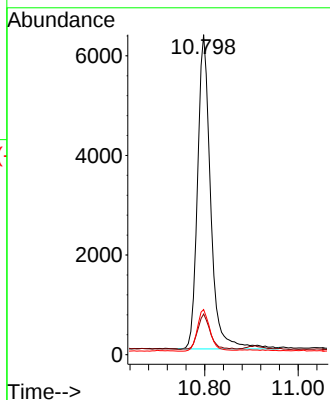
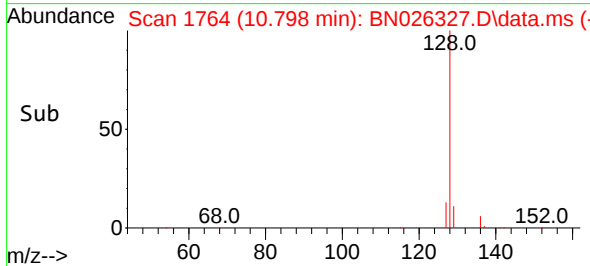
Instrument :
BNA_N
ClientSampleId :
DCGN9DL



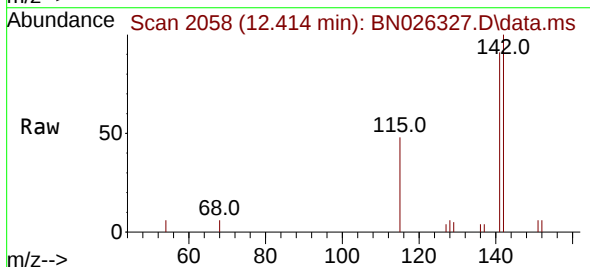
Tgt Ion:128 Resp: 12288
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.1 10.7 16.1

Manual Integrations
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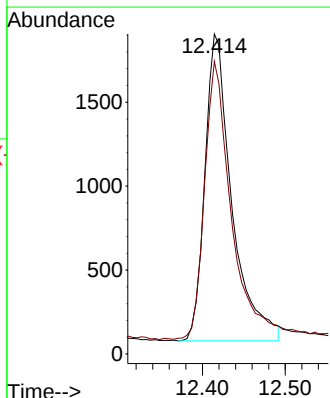
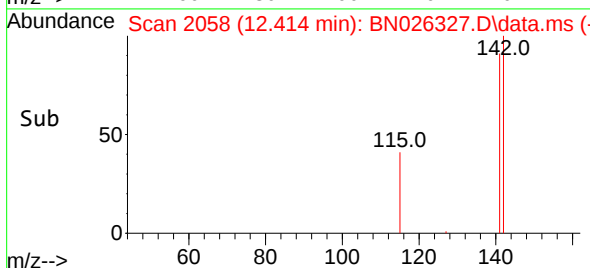
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

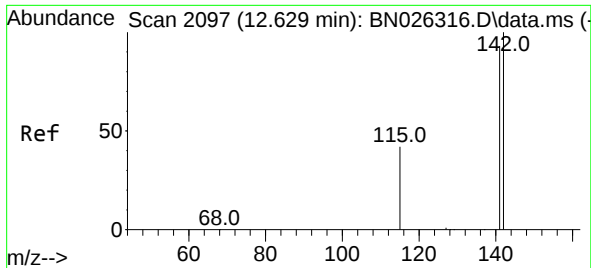


#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11



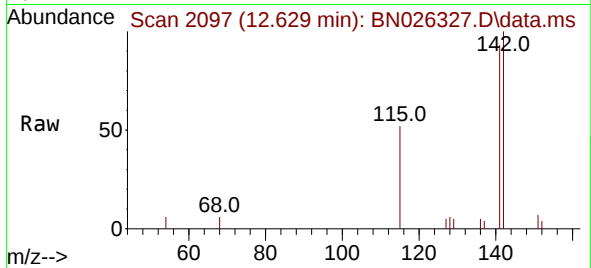
Tgt Ion:142 Resp: 4129
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

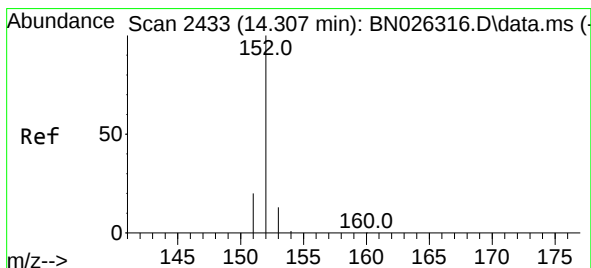
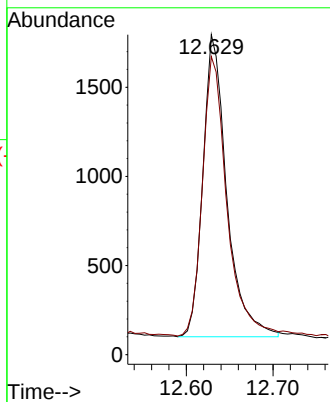
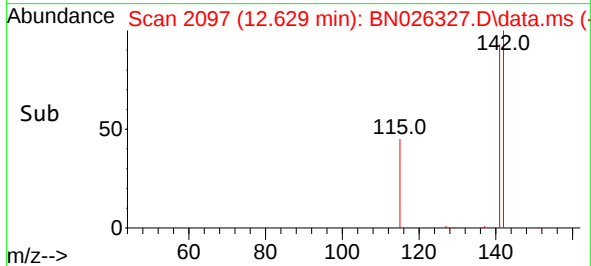
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 324
Ion Ratio Lower Upper
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141 94.5 74.2 111.4

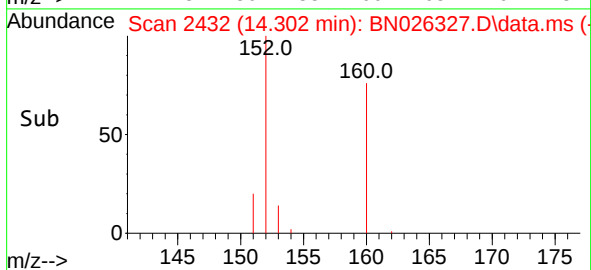
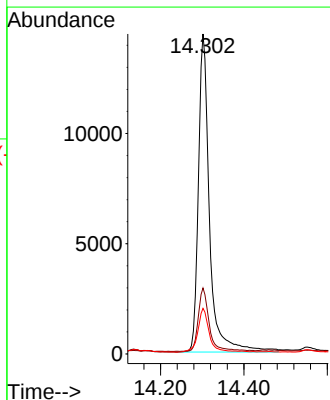
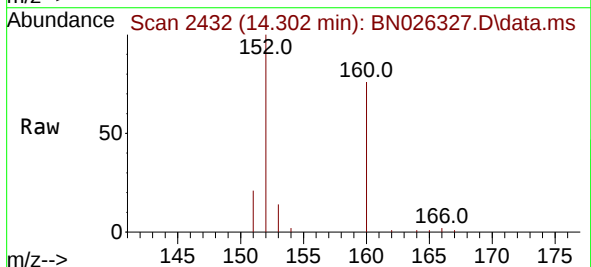
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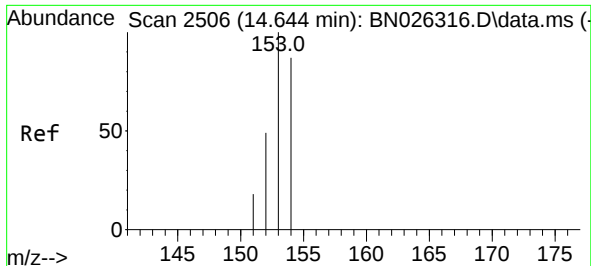
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.448 ng/ul
RT: 14.302 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

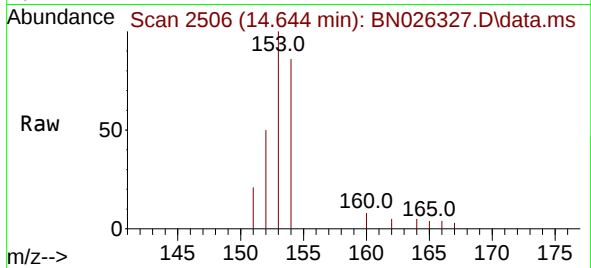
Tgt Ion:152 Resp: 26843
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.644 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

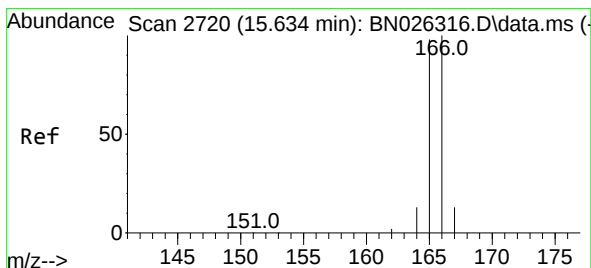
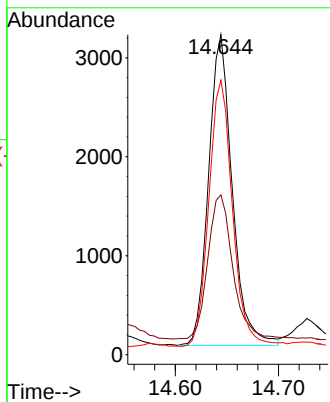
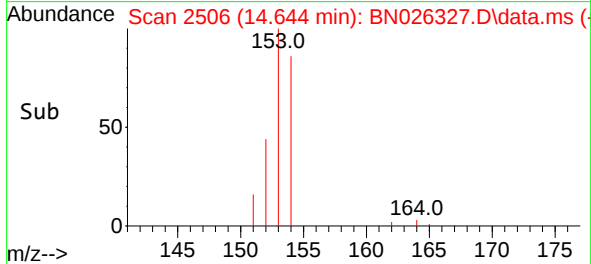
Instrument :
BNA_N
ClientSampleId :
DCGN9DL



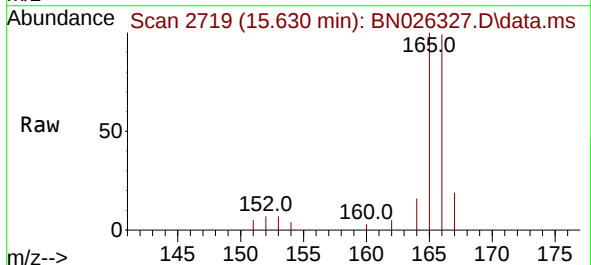
Tgt Ion:153 Resp: 501
Ion Ratio Lower Upper
153 100
152 49.9 39.4 59.0
154 85.8 68.9 103.3

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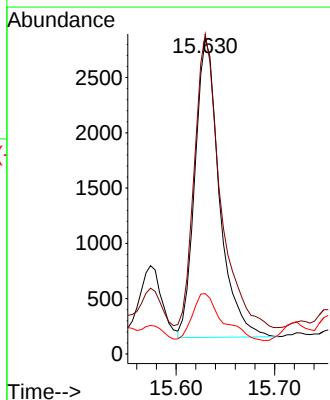
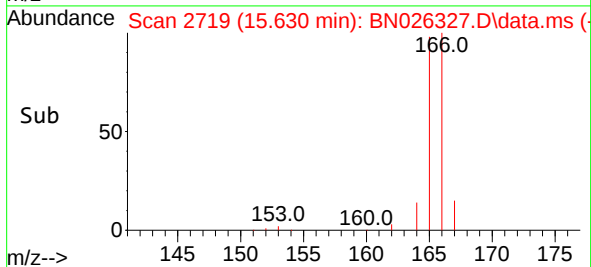
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

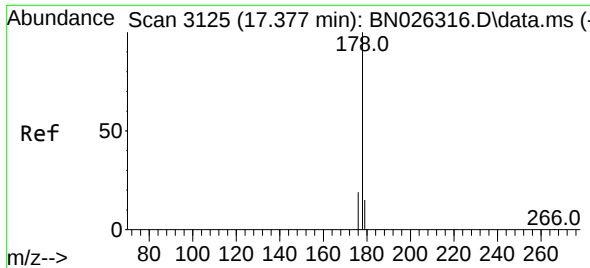


#12
Fluorene
Concen: 0.083 ng/ul
RT: 15.630 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11



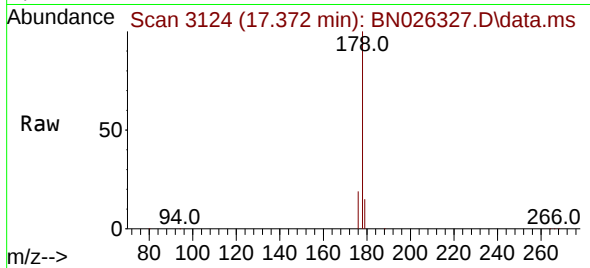
Tgt Ion:166 Resp: 4671
Ion Ratio Lower Upper
166 100
165 101.5 79.9 119.9
167 19.2 10.8 16.2#





#15
Phenanthrene
Concen: 1.912 ng/u1
RT: 17.372 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

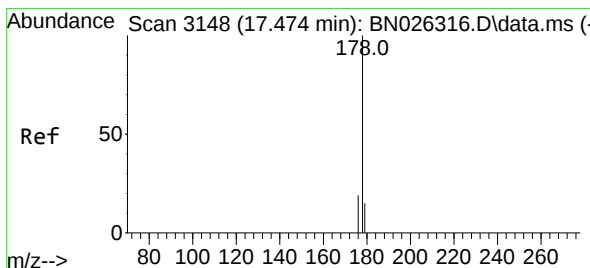
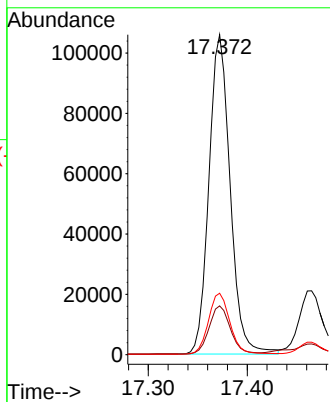
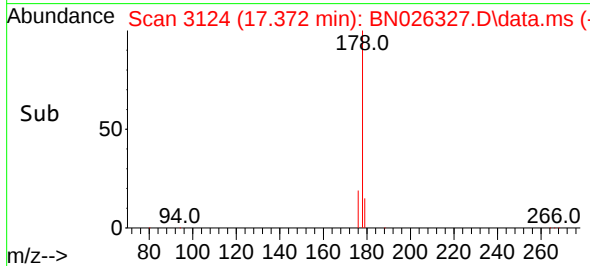
Instrument :
BNA_N
ClientSampleId :
DCGN9DL



Tgt Ion:178 Resp: 157664
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.2 15.8 23.6

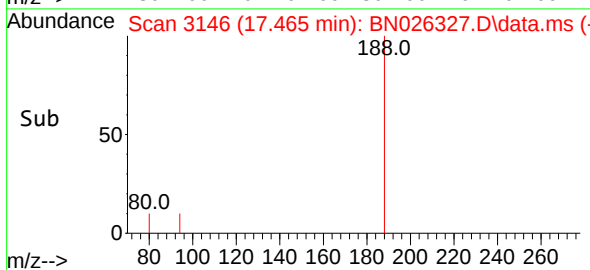
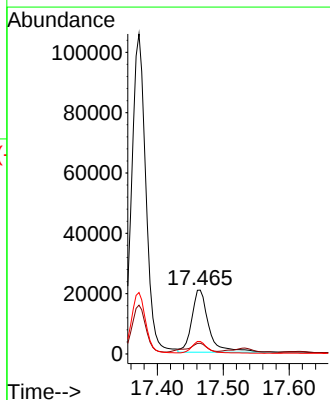
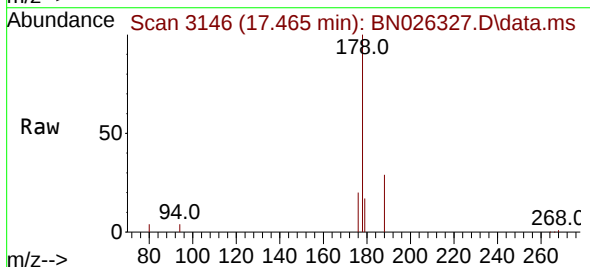
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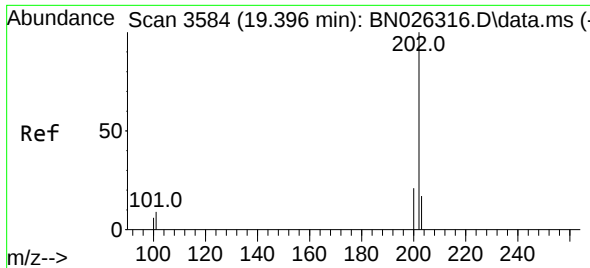
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.504 ng/u1
RT: 17.465 min Scan# 3146
Delta R.T. -0.009 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

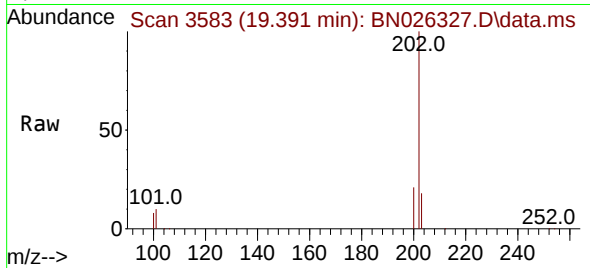
Tgt Ion:178 Resp: 36968
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 19.5 15.1 22.7





#19
Fluoranthene
Concen: 5.433 ng/u1
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

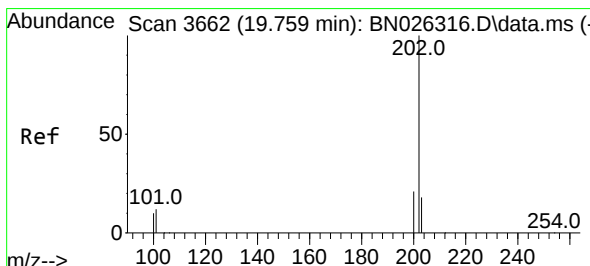
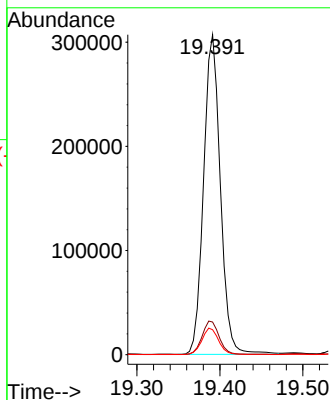
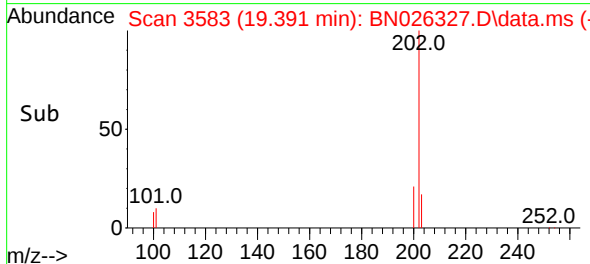
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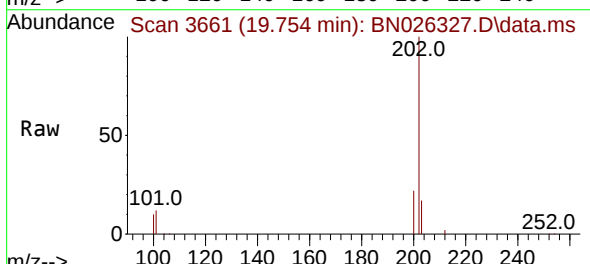
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Ion Ratio Lower Upper
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101 10.2 9.5 14.3
100 7.8 7.3 10.9

Manual Integrations
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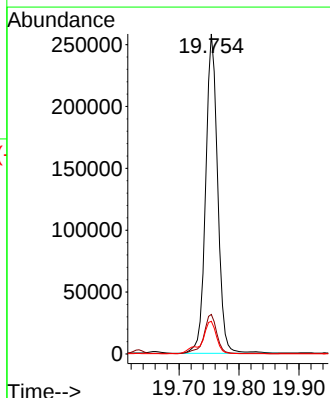
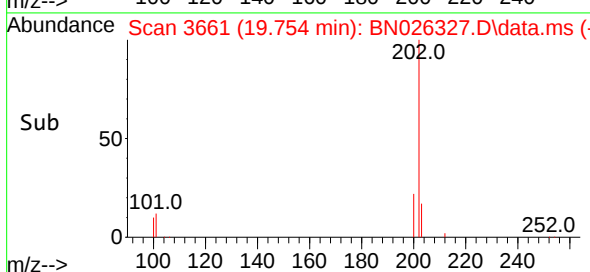
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

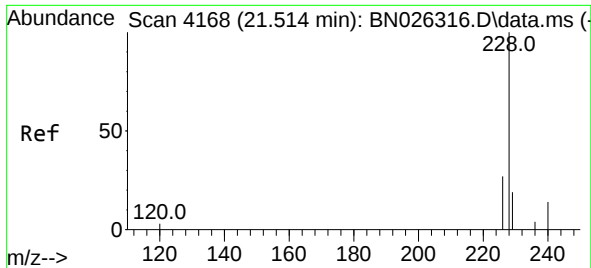


#20
Pyrene
Concen: 4.332 ng/u1
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11



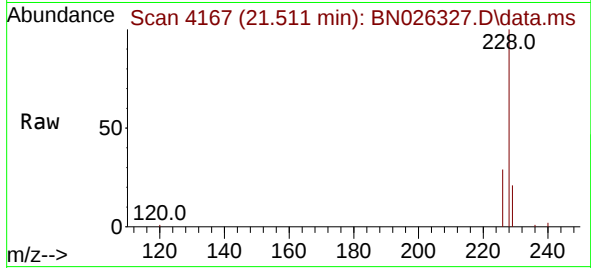
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Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.667 ng/u1
RT: 21.511 min Scan# 4167
Delta R.T. -0.003 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

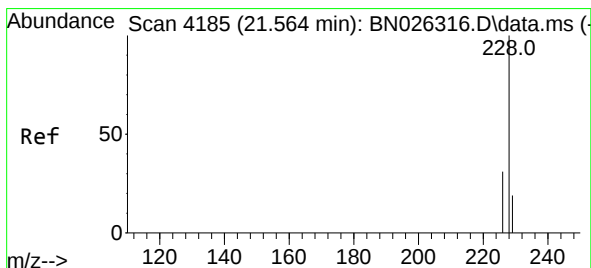
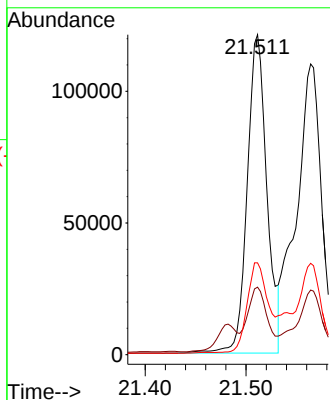
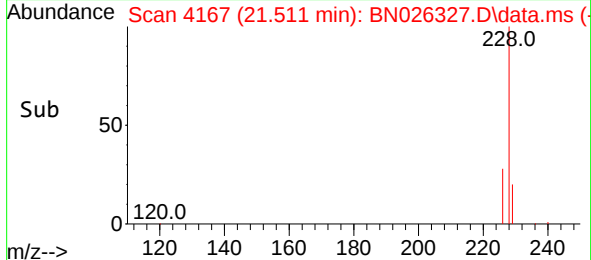
Instrument :
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Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 28.7 22.5 33.7

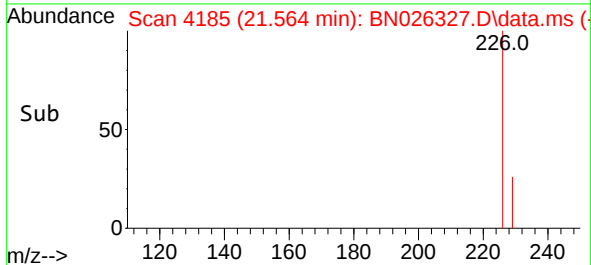
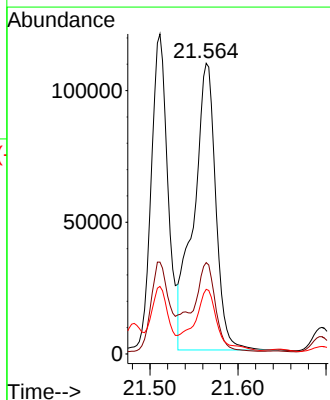
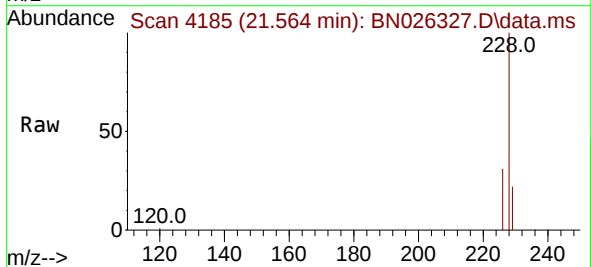
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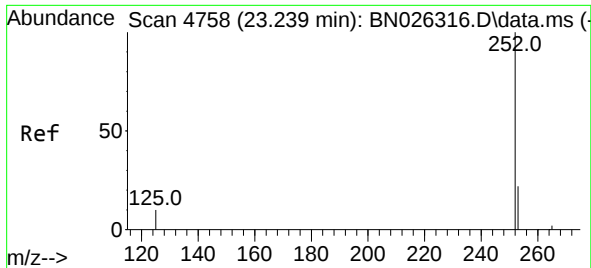
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 2.973 ng/u1
RT: 21.564 min Scan# 4185
Delta R.T. -0.000 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

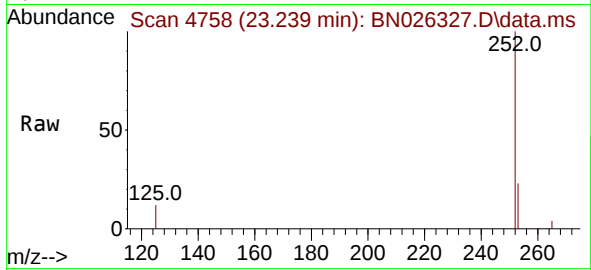
Tgt Ion:228 Resp: 190105
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.106 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.000 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

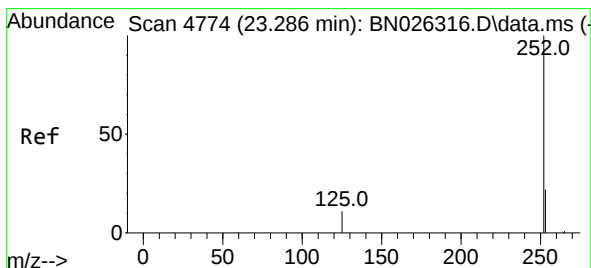
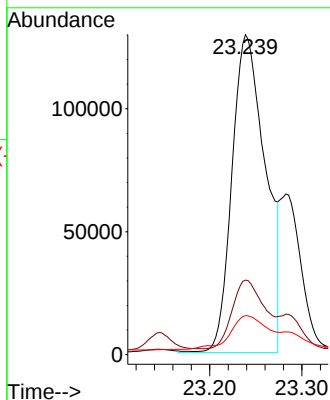
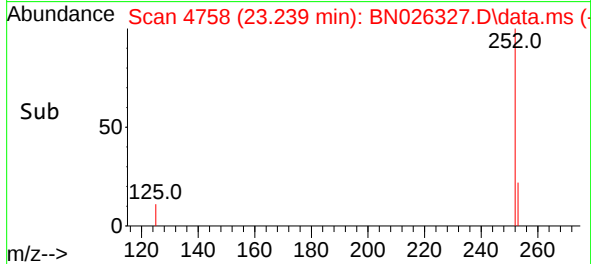
Instrument :
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ClientSampleId :
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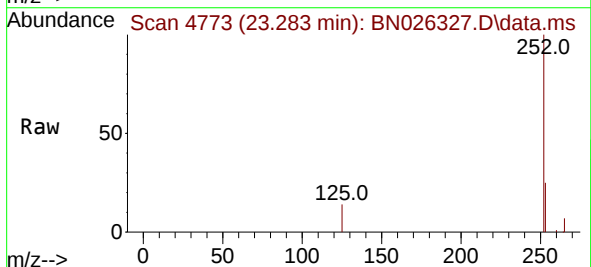
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Ion Ratio Lower Upper
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125 12.2 0.0 35.8

Manual Integrations
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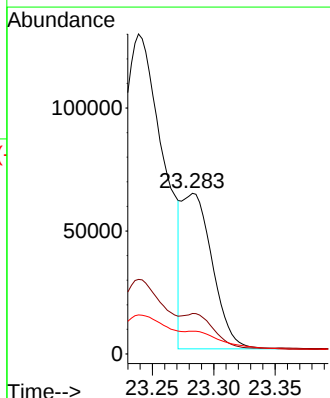
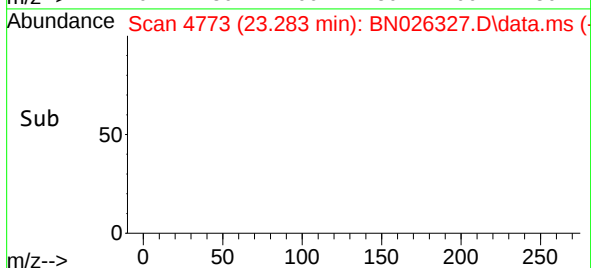
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

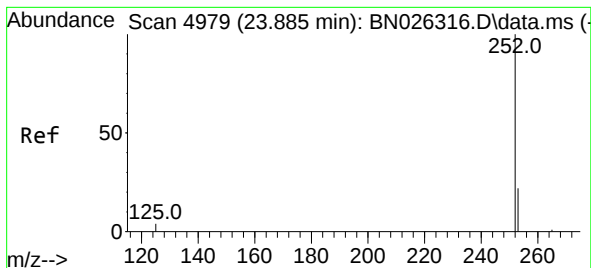


#25
Benzo(k)fluoranthene
Concen: 1.708 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.003 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11



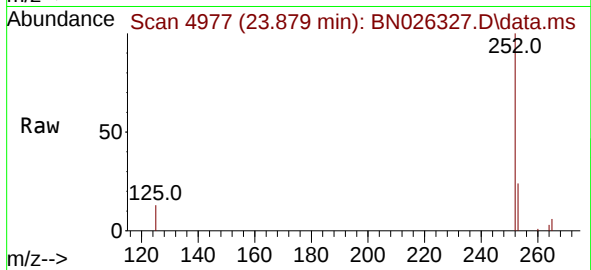
Tgt Ion:252 Resp: 109804
Ion Ratio Lower Upper
252 100
253 25.2 23.2 34.8
125 14.2 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 3.391 ng/ul
RT: 23.879 min Scan# 4979
Delta R.T. -0.006 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

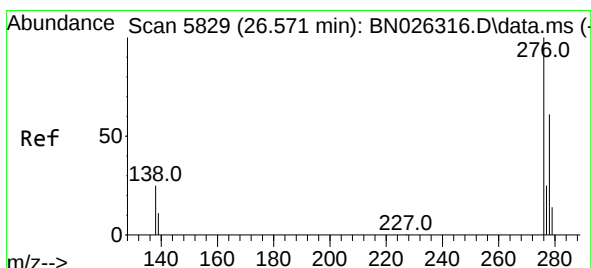
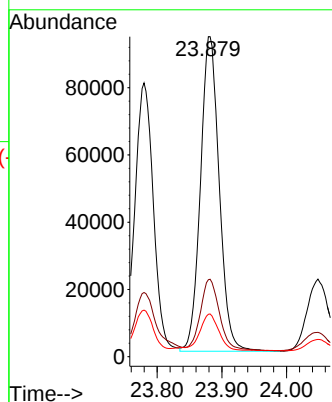
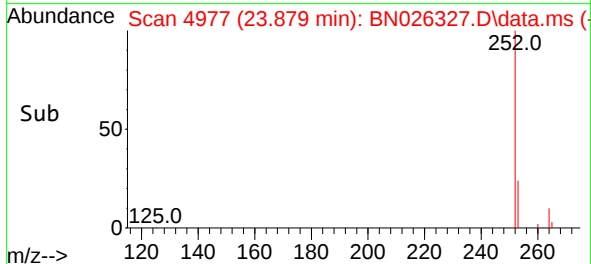
Instrument :
BNA_N
ClientSampleId :
DCGN9DL



Tgt Ion:252 Resp: 188511
Ion Ratio Lower Upper
252 100
253 24.1 26.0 39.0#
125 13.2 17.3 25.9#

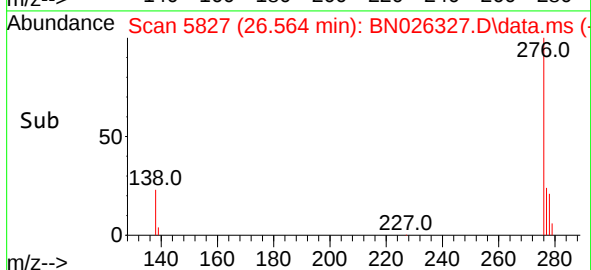
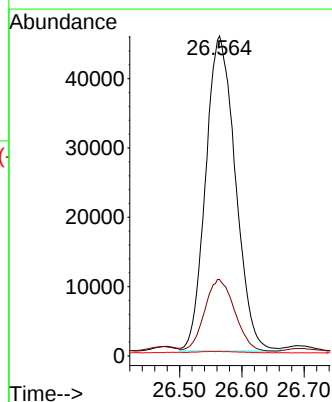
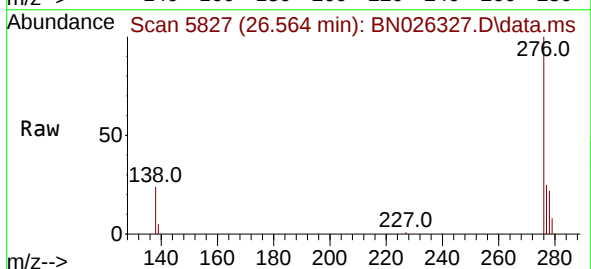
Manual Integrations
APPROVED

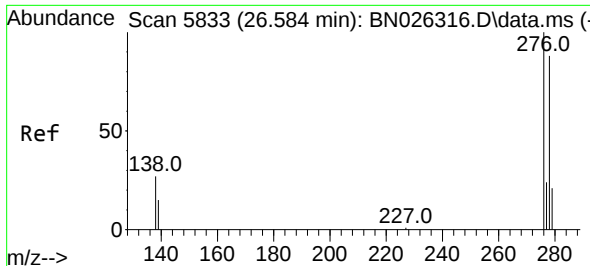
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.485 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

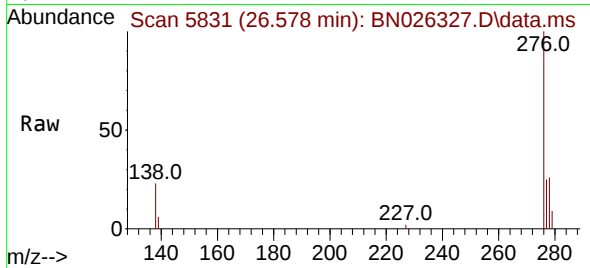
Tgt Ion:276 Resp: 150910
Ion Ratio Lower Upper
276 100
138 22.9 24.5 36.7#
227 0.6 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.805 ng/ul
RT: 26.578 min Scan# 5833
Delta R.T. -0.007 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11

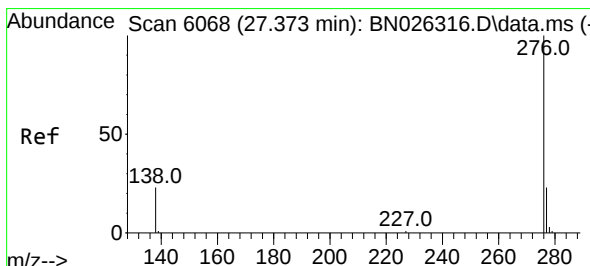
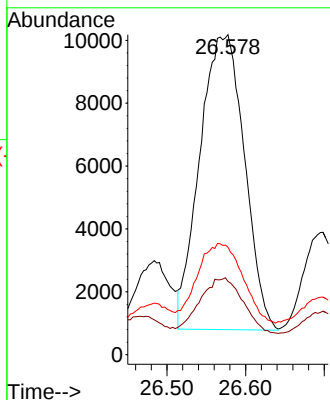
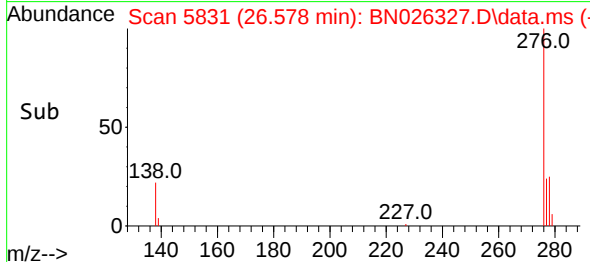
Instrument :
BNA_N
ClientSampleId :
DCGN9DL



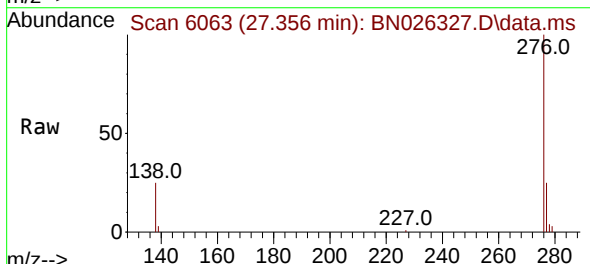
Tgt Ion: 278 Resp: 3697
Ion Ratio Lower Upper
278 100
139 22.9 19.0 28.4
279 33.6 26.7 40.1

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/06/2023
Supervised By : Sohil Jodhani 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 2.294 ng/ul
RT: 27.356 min Scan# 6063
Delta R.T. -0.017 min
Lab File: BN026327.D
Acq: 06 Jul 2023 13:11



Tgt Ion: 276 Resp: 123928
Ion Ratio Lower Upper
276 100
138 25.1 23.4 35.0
277 24.5 20.0 30.0

