

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026171.D
 Acq On : 02 Jul 2023 03:37
 Operator : MA/JU
 Sample : 03245-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH0

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 05:12:09 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	8250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	26821	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	16074	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	32743	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	17912	0.400	ng/ul	#-0.01
23) Perylene-d12	23.989	264	16798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	19270	2.074	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	5909	0.143	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	11594	0.170	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.813	128	1817	0.024	ng/ul#	80
7) 2-Methylnaphthalene	12.430	142	1101	0.022	ng/ul	99
10) Acenaphthylene	14.315	152	2236	0.030	ng/ul#	79
15) Phenanthrene	17.384	178	19049	0.176	ng/ul	97
16) Anthracene	17.477	178	3774	0.039	ng/ul#	85
19) Fluoranthene	19.400	202	52977	0.554	ng/ul	96
20) Pyrene	19.762	202	46500	0.467	ng/ul	99
21) Benzo(a)anthracene	21.514	228	22092	0.299	ng/ul#	91
22) Chrysene	21.569	228	28153	0.366	ng/ul#	93
24) Benzo(b)fluoranthene	23.241	252	47003m	0.656	ng/ul	
25) Benzo(k)fluoranthene	23.285	252	14094m	0.196	ng/ul	
26) Benzo(a)pyrene	23.884	252	28662	0.460	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.563	276	25921	0.381	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.577	278	6459	0.125	ng/ul#	49
29) Benzo(g,h,i)perylene	27.365	276	26048	0.431	ng/ul	96

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

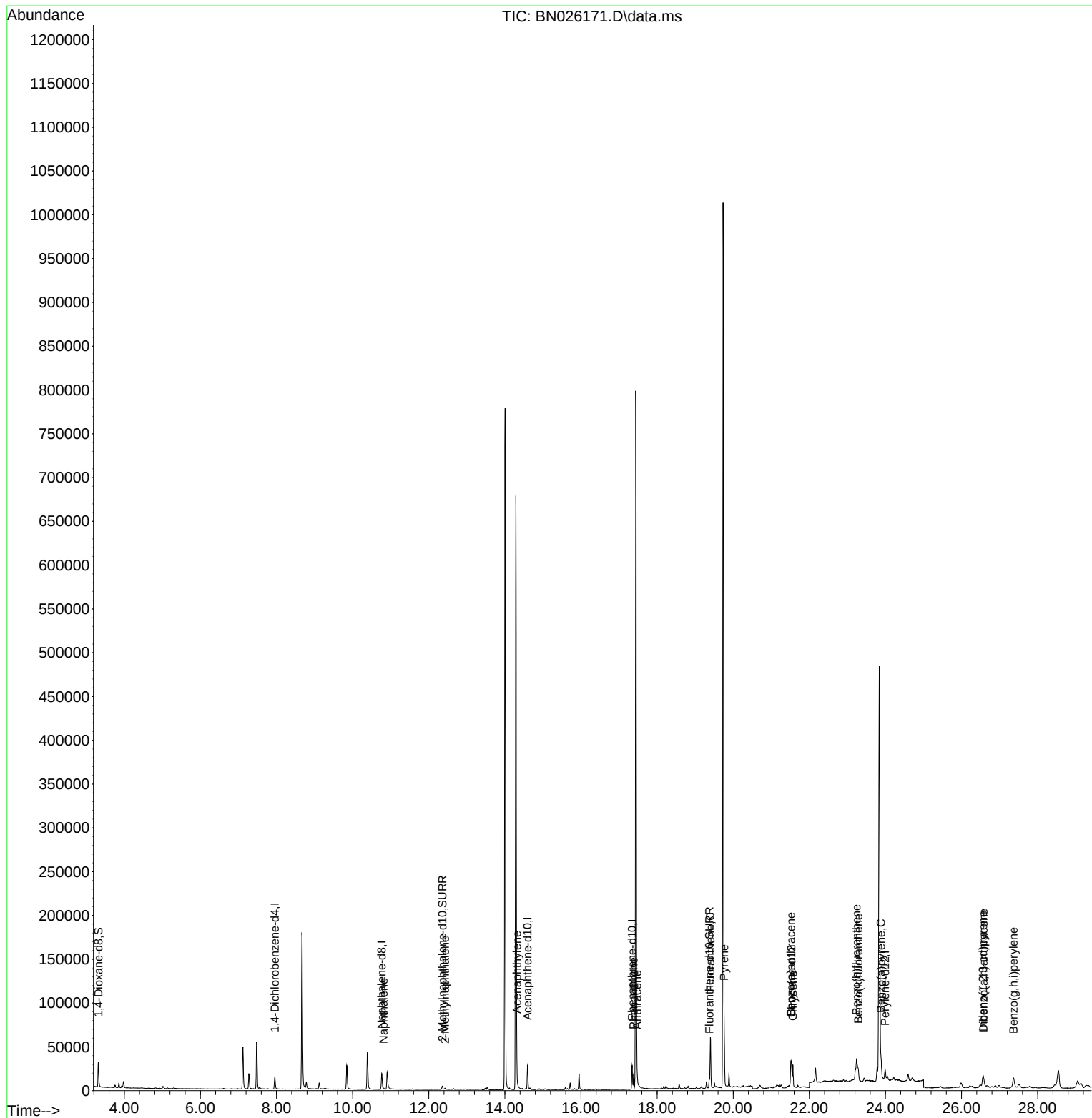
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026171.D
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ALS Vial : 28 Sample Multiplier: 1

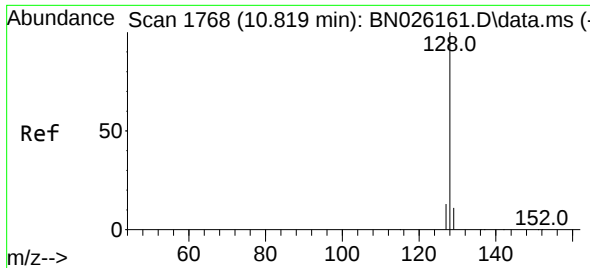
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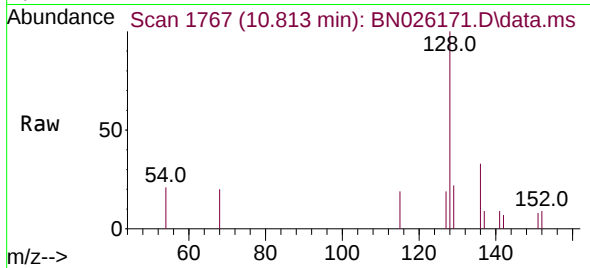
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37

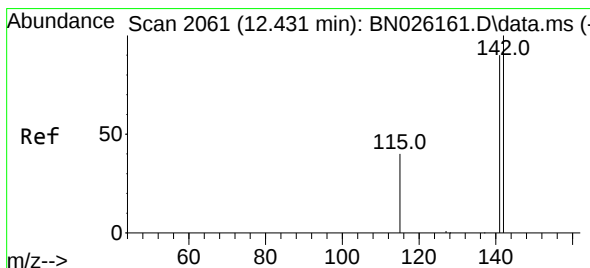
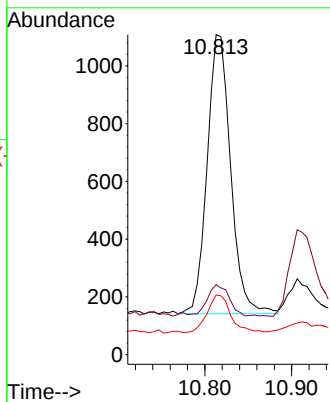
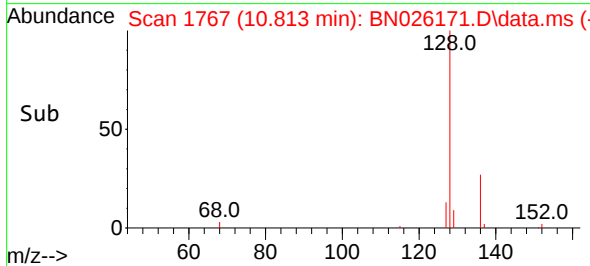
Instrument :
BNA_N
ClientSampleId :
DCGH0



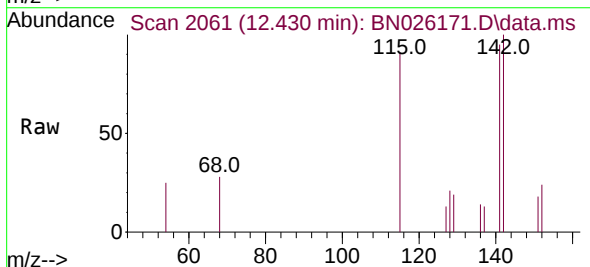
Tgt Ion:128 Resp: 181
Ion Ratio Lower Upper
128 100
129 21.9 9.1 13.7
127 18.7 10.7 16.1

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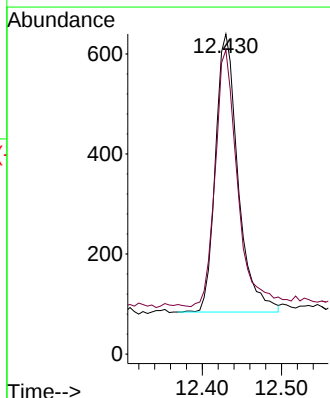
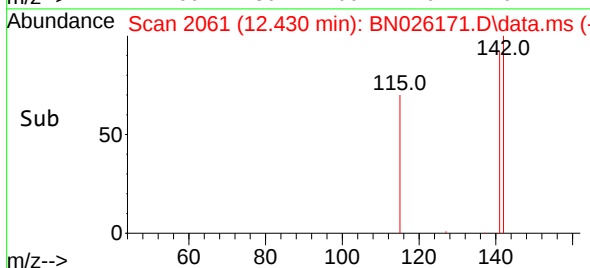
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

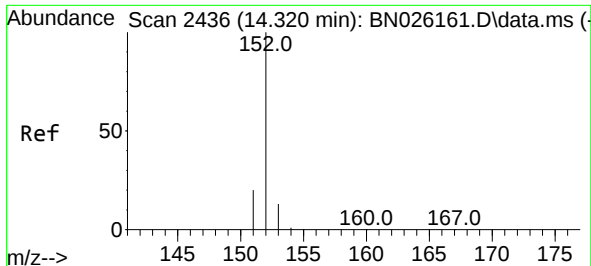


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37



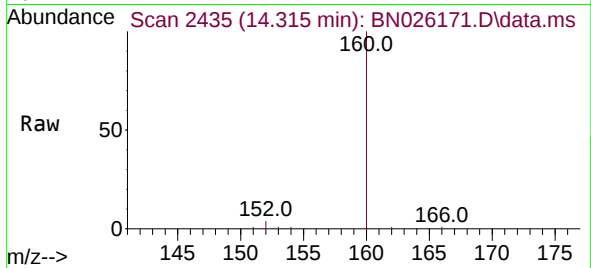
Tgt Ion:142 Resp: 1101
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9





#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.315 min Scan# 2436
Delta R.T. -0.010 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37

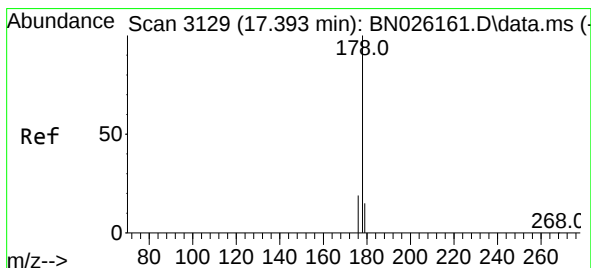
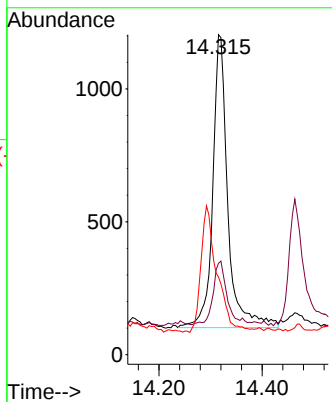
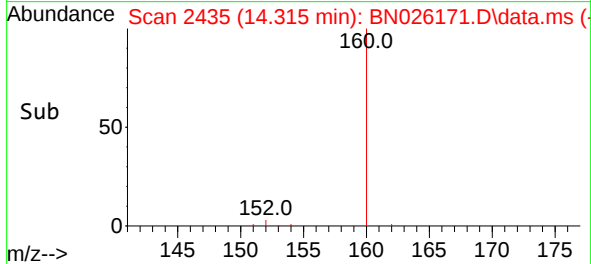
Instrument :
BNA_N
ClientSampleId :
DCGH0



Tgt Ion:152 Resp: 2230
Ion Ratio Lower Upper
152 100
151 28.6 16.2 24.4
153 24.3 10.9 16.3

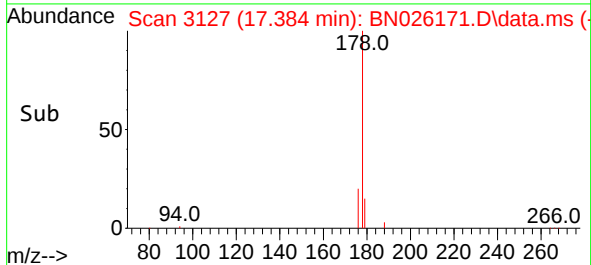
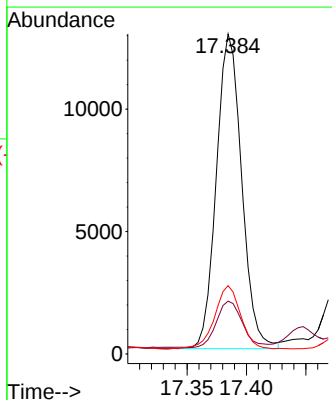
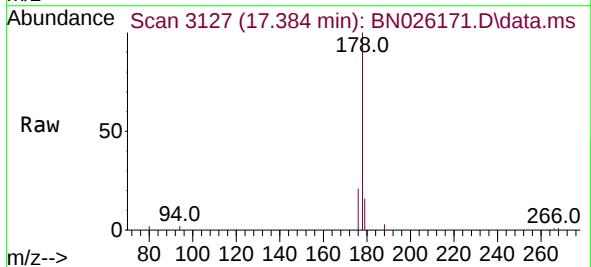
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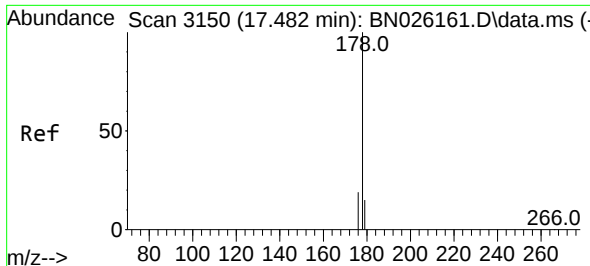
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#15
Phenanthrene
Concen: 0.176 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37

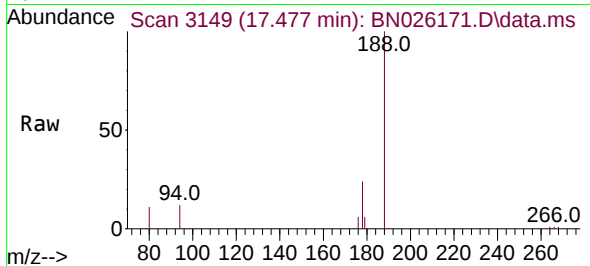
Tgt Ion:178 Resp: 19049
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 21.4 15.8 23.6





#16
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.477 min Scan# 3149
 Delta R.T. -0.009 min
 Lab File: BN026171.D
 Acq: 02 Jul 2023 03:37

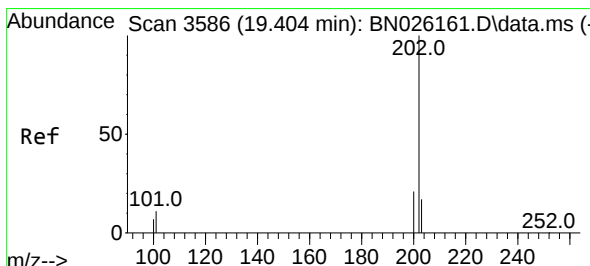
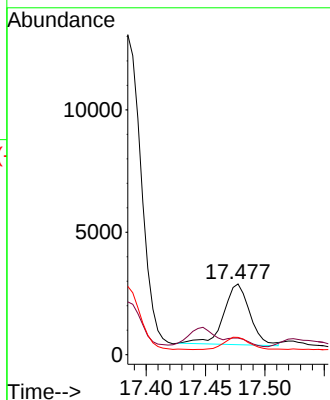
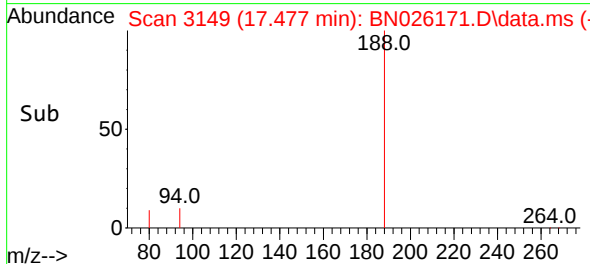
Instrument :
 BNA_N
 ClientSampleId :
 DCGH0



Tgt Ion:178 Resp: 3774
 Ion Ratio Lower Upper
 178 100
 179 23.5 12.6 18.8
 176 24.5 15.1 22.7

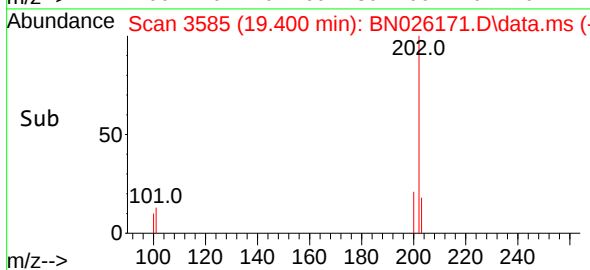
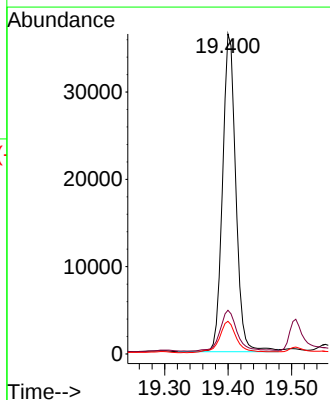
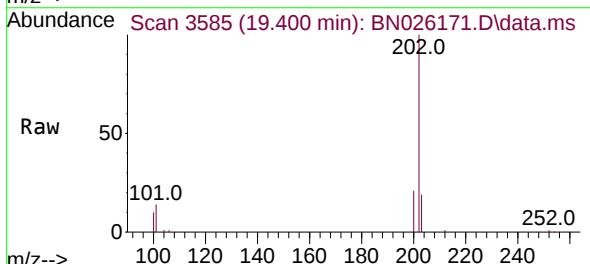
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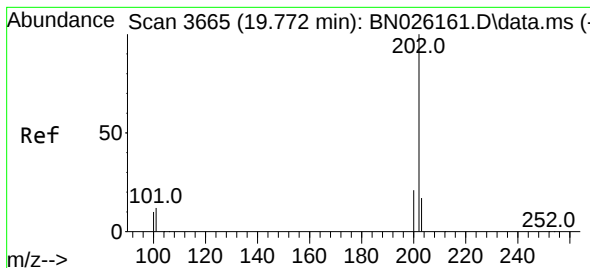
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 0.554 ng/ul
 RT: 19.400 min Scan# 3585
 Delta R.T. -0.011 min
 Lab File: BN026171.D
 Acq: 02 Jul 2023 03:37

Tgt Ion:202 Resp: 52977
 Ion Ratio Lower Upper
 202 100
 101 13.7 9.5 14.3
 100 10.2 7.3 10.9





#20

Pyrene

Concen: 0.467 ng/ul

RT: 19.762 min Scan# 30

Delta R.T. -0.011 min

Lab File: BN026171.D

Acq: 02 Jul 2023 03:37

Instrument :

BNA_N

ClientSampleId :

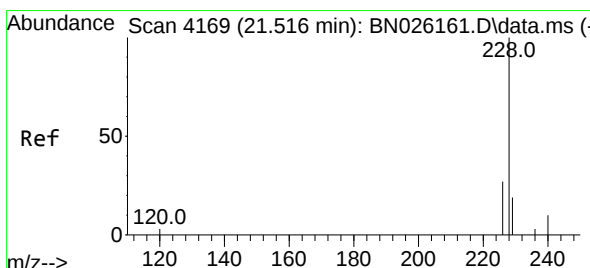
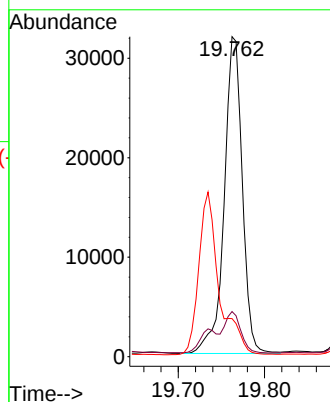
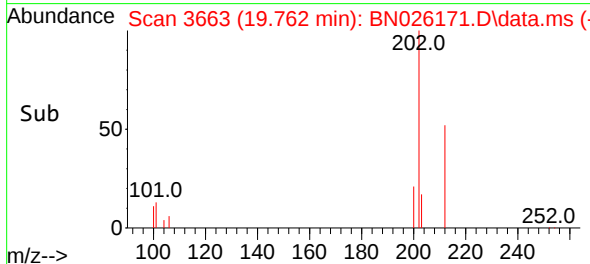
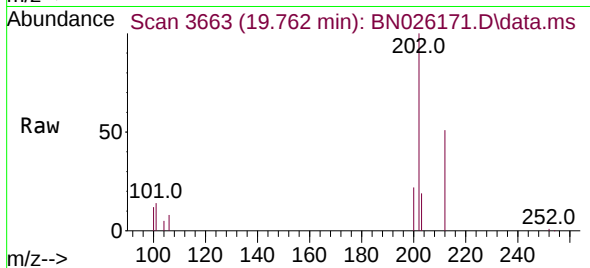
DCGH0

Tgt Ion:	202	Resp:	46500
Ion Ratio	Lower	Upper	
202	100		
101	14.1	11.4	17.0
100	11.9	9.1	13.7

Manual Integrations

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



#21

Benzo(a)anthracene

Concen: 0.299 ng/ul

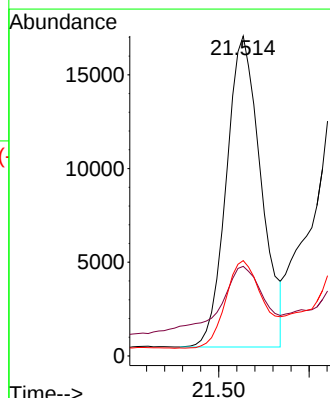
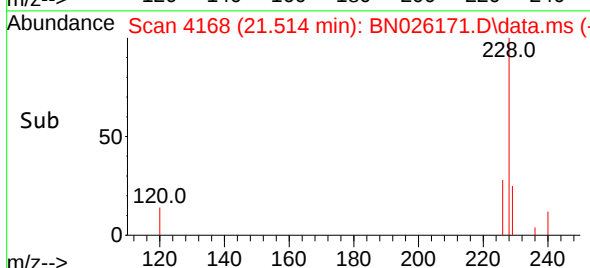
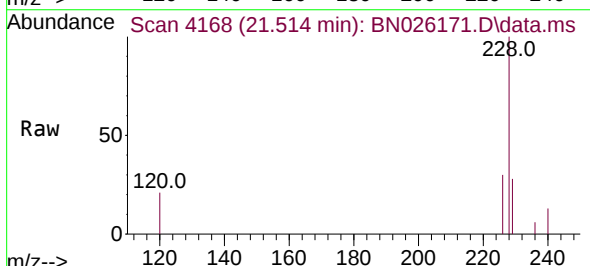
RT: 21.514 min Scan# 4168

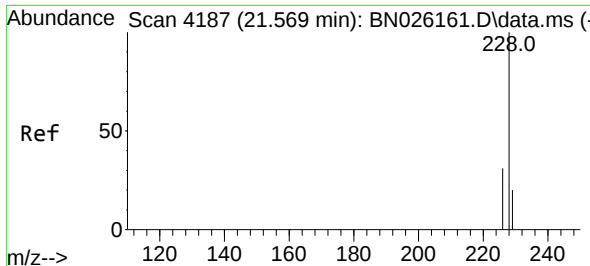
Delta R.T. -0.013 min

Lab File: BN026171.D

Acq: 02 Jul 2023 03:37

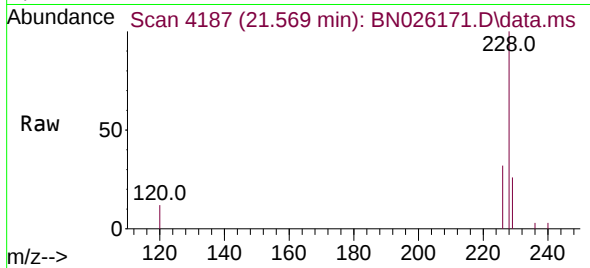
Tgt Ion:	228	Resp:	22092
Ion Ratio	Lower	Upper	
228	100		
229	28.0	15.8	23.6
226	29.8	22.5	33.7





#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37

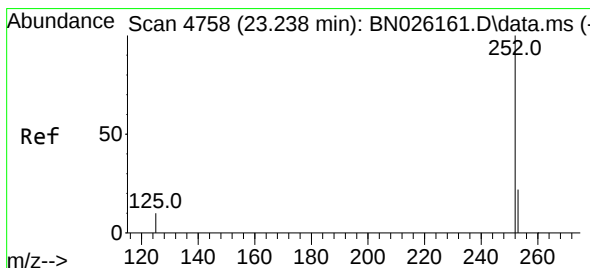
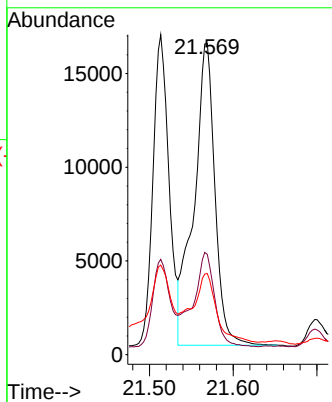
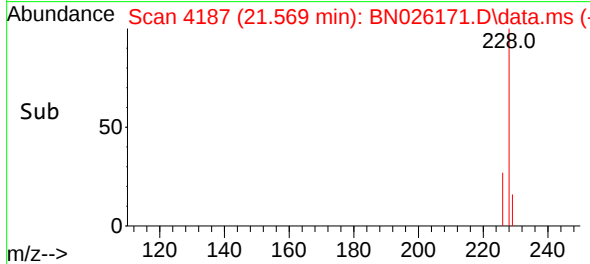
Instrument :
BNA_N
ClientSampleId :
DCGH0



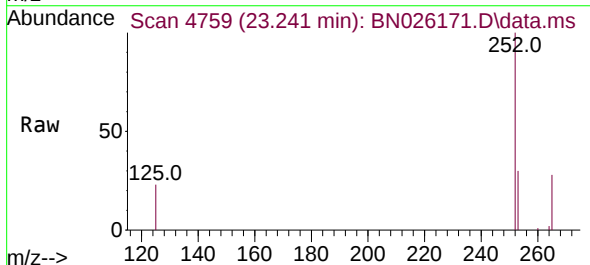
Tgt Ion:228 Resp: 2815
Ion Ratio Lower Upper
228 100
226 32.2 24.8 37.2
229 26.1 15.7 23.5

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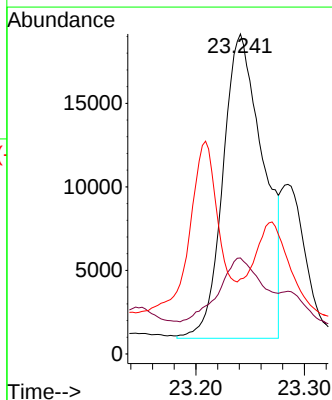
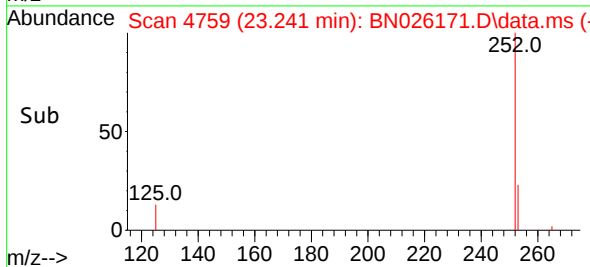
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

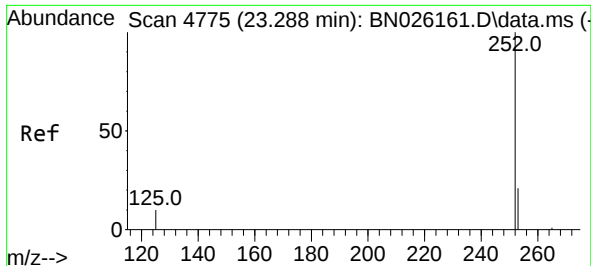


#24
Benzo(b)fluoranthene
Concen: 0.656 ng/ul m
RT: 23.241 min Scan# 4759
Delta R.T. -0.001 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37



Tgt Ion:252 Resp: 47003
Ion Ratio Lower Upper
252 100
253 30.0 0.0 55.6
125 23.4 0.0 35.8





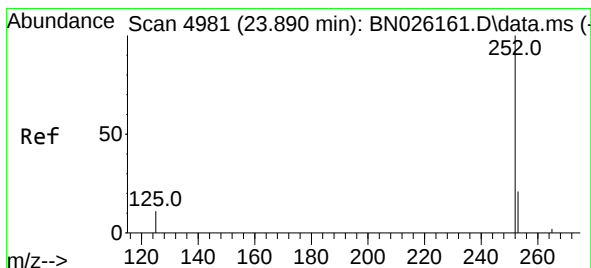
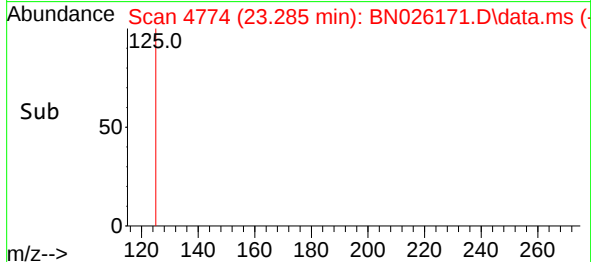
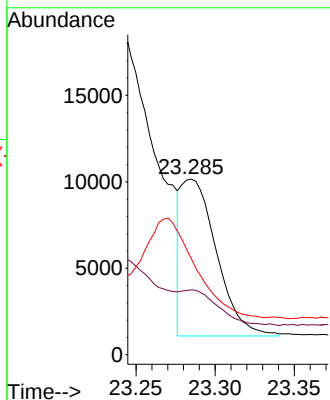
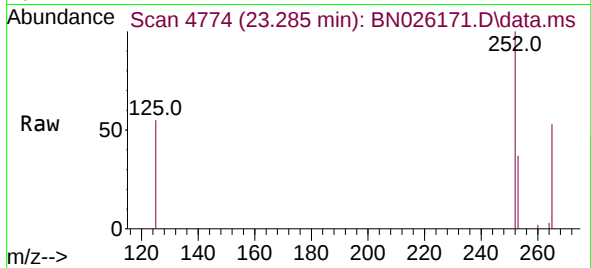
#25
Benzo(k)fluoranthene
Concen: 0.196 ng/ul m
RT: 23.285 min Scan# 4775
Delta R.T. -0.007 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37

Instrument :
BNA_N
ClientSampleId :
DCGH0

Tgt Ion:252 Resp: 14094
Ion Ratio Lower Upper
252 100
253 36.9 23.2 34.8
125 54.9 15.0 22.4

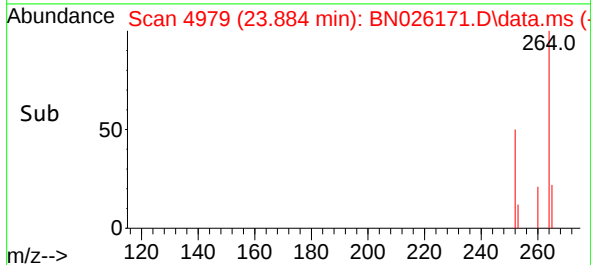
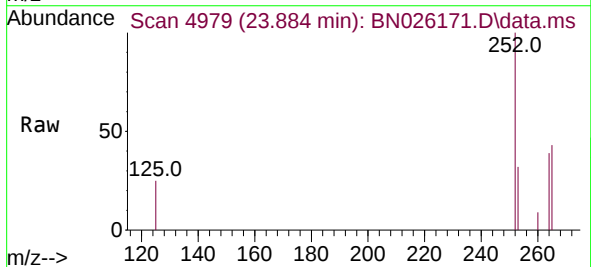
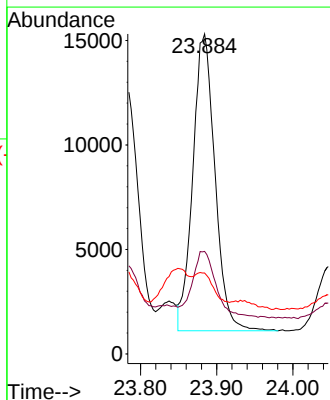
Manual Integrations
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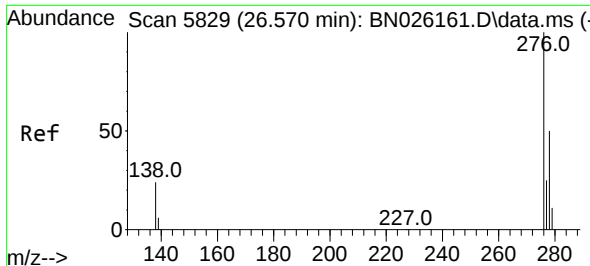
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#26
Benzo(a)pyrene
Concen: 0.460 ng/ul
RT: 23.884 min Scan# 4979
Delta R.T. -0.001 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37

Tgt Ion:252 Resp: 28662
Ion Ratio Lower Upper
252 100
253 32.1 26.0 39.0
125 25.3 17.3 25.9





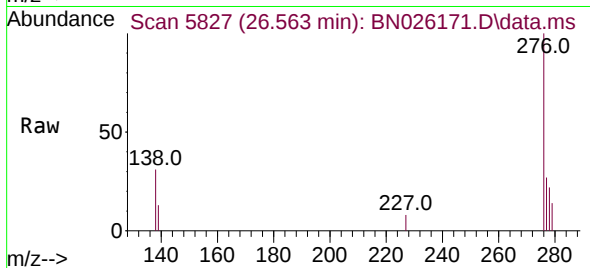
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.563 min Scan# 5827
Delta R.T. 0.005 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37

Instrument :

BNA_N

ClientSampleId :

DCGH0

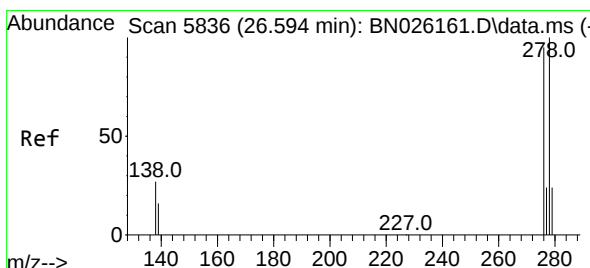
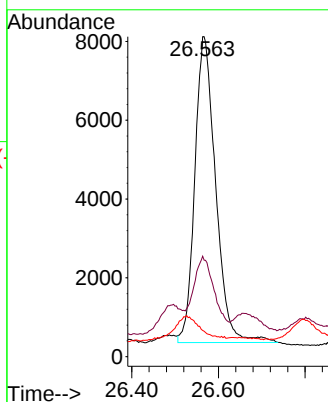
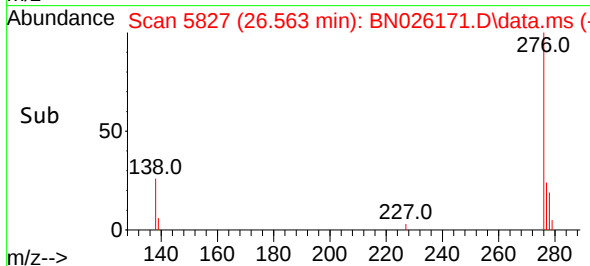


Tgt Ion:276 Resp: 2592
Ion Ratio Lower Upper
276 100
138 25.3 24.5 36.7
227 0.0 0.0 0.0

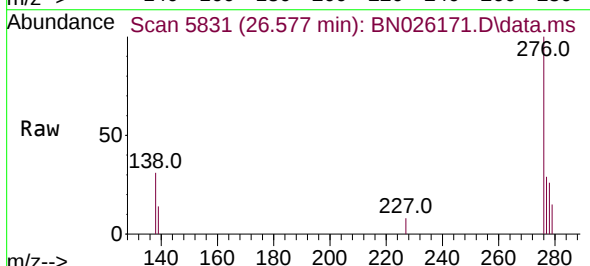
Manual Integrations

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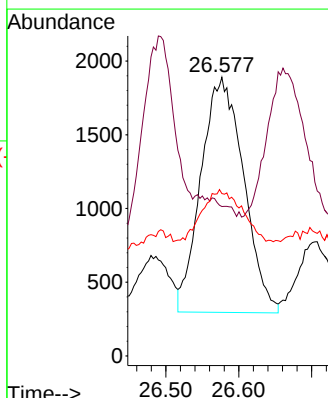
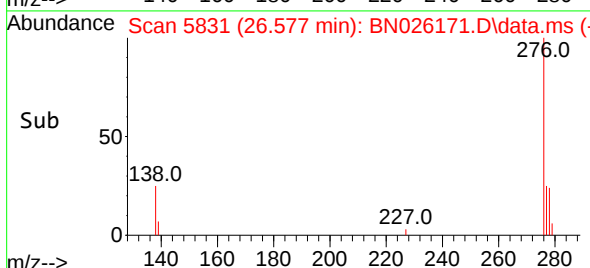
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

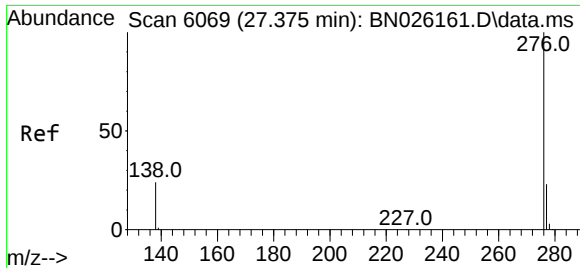


#28
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. -0.001 min
Lab File: BN026171.D
Acq: 02 Jul 2023 03:37



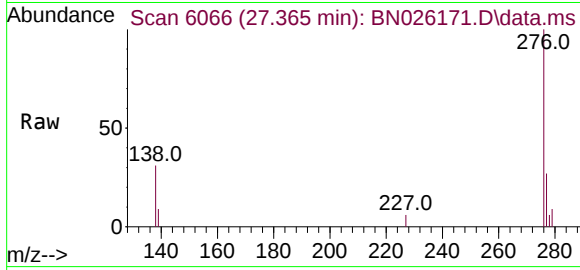
Tgt Ion:278 Resp: 6459
Ion Ratio Lower Upper
278 100
139 53.7 19.0 28.4#
279 58.3 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.431 ng/ul
 RT: 27.365 min Scan# 6066
 Delta R.T. 0.019 min
 Lab File: BN026171.D
 Acq: 02 Jul 2023 03:37

Instrument :
 BNA_N
 ClientSampleId :
 DCGH0



Tgt Ion: 276 Resp: 26048

Ion	Ratio	Lower	Upper
276	100		
138	30.7	23.4	35.0
277	27.3	20.0	30.0

Manual Integrations
 APPROVED

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