

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026158.D
 Acq On : 01 Jul 2023 19:04
 Operator : MA/JU
 Sample : 03239-08DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY6DL

Quant Time: Jul 01 22:36:18 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9358	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	30856	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	17161	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	30700	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	16595	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	17740	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	6497	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	1819	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2800	0.044	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.820	128	2614	0.030	ng/ul#	89
7) 2-Methylnaphthalene	12.436	142	1512	0.027	ng/ul	99
10) Acenaphthylene	14.320	152	3840	0.048	ng/ul#	94
15) Phenanthrene	17.389	178	30528	0.301	ng/ul	99
16) Anthracene	17.478	178	5967	0.066	ng/ul#	92
19) Fluoranthene	19.405	202	96521	1.089	ng/ul	98
20) Pyrene	19.768	202	79401m	0.861	ng/ul	
21) Benzo(a)anthracene	21.517	228	40654	0.594	ng/ul	98
22) Chrysene	21.570	228	44258	0.621	ng/ul	97
24) Benzo(b)fluoranthene	23.242	252	64523m	0.852	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	22390m	0.294	ng/ul	
26) Benzo(a)pyrene	23.879	252	38598	0.587	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.541	276	29976	0.417	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.551	278	7350	0.135	ng/ul#	73
29) Benzo(g,h,i)perylene	27.335	276	30959	0.485	ng/ul	98

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

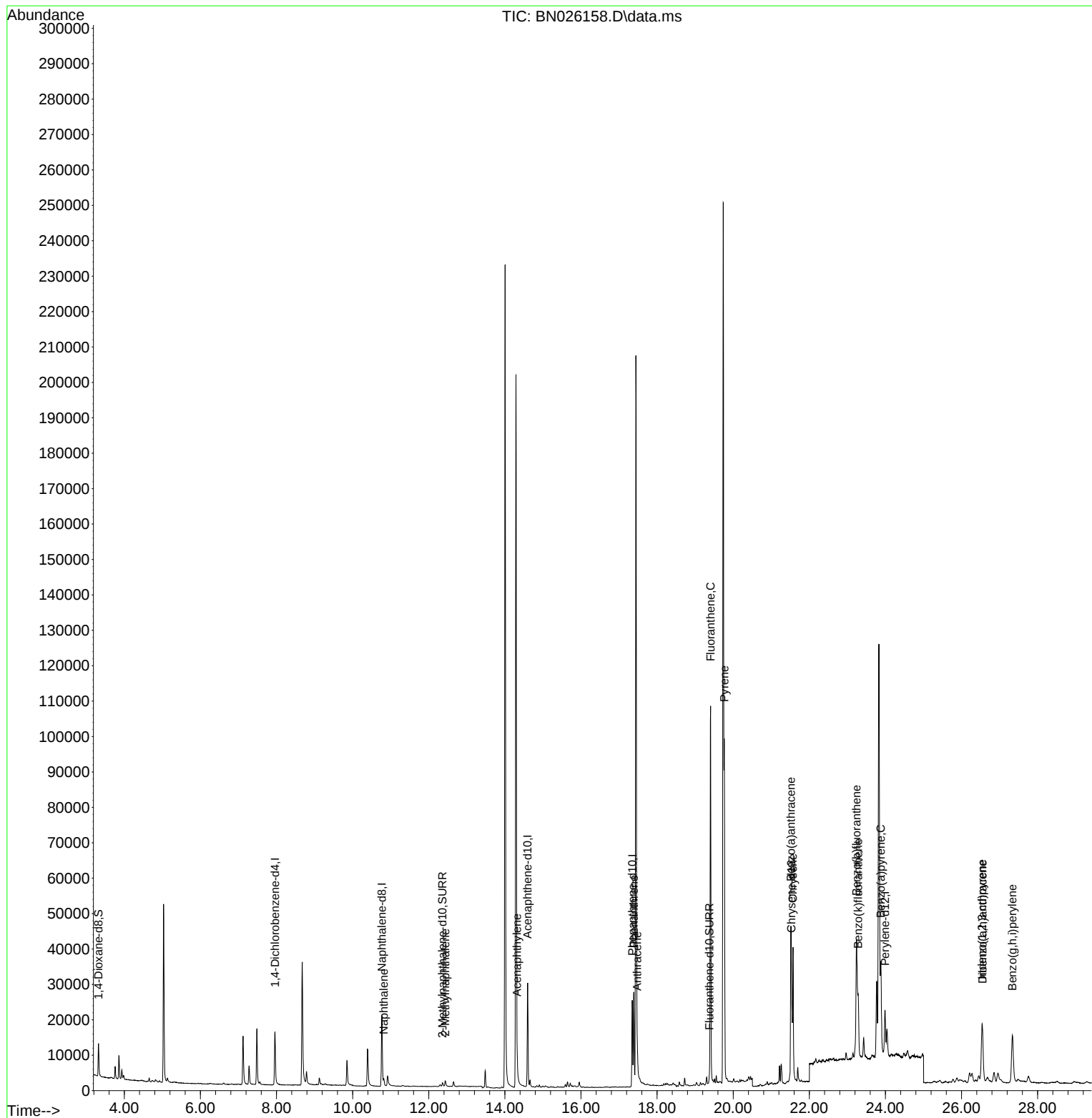
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026158.D
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ALS Vial : 15 Sample Multiplier: 1

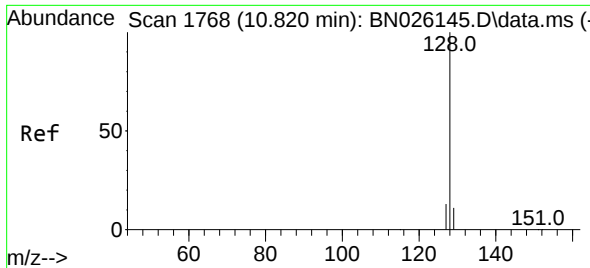
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Quant Time: Jul 01 22:36:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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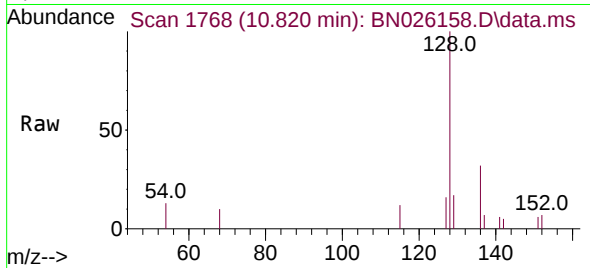
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

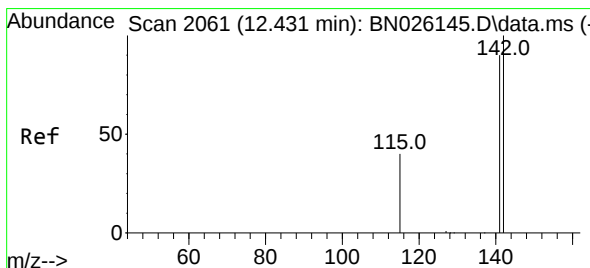
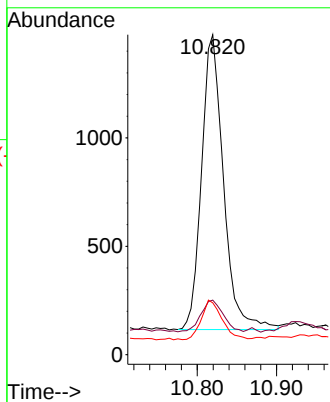
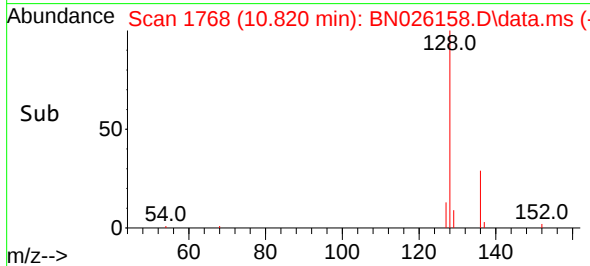
Instrument :
BNA_N
ClientSampleId :
DCFY6DL



Tgt Ion:128 Resp: 2614
Ion Ratio Lower Upper
128 100
129 17.1 9.1 13.7
127 16.2 10.7 16.1

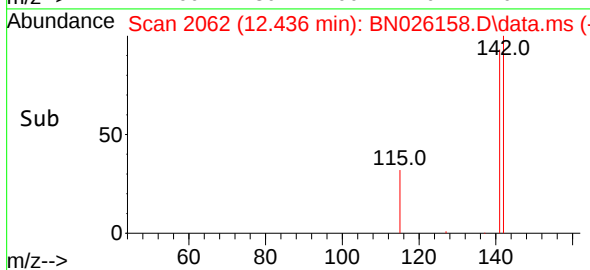
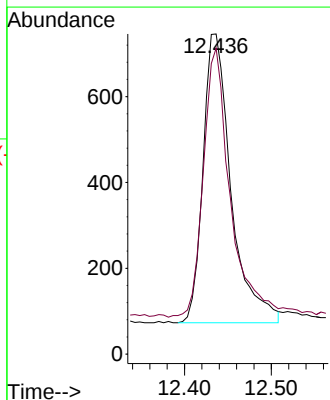
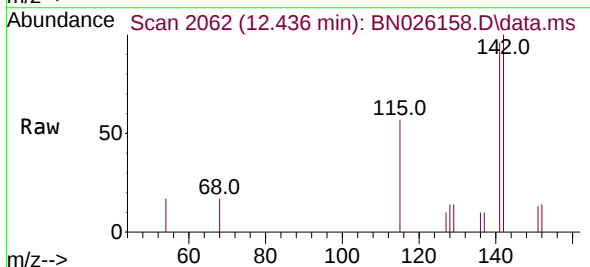
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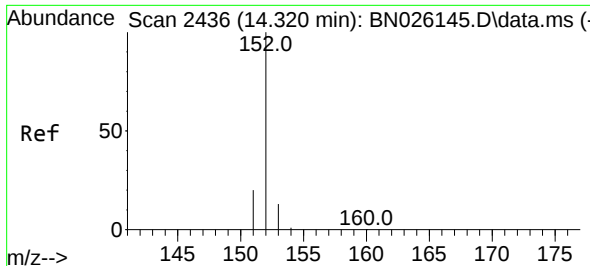
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

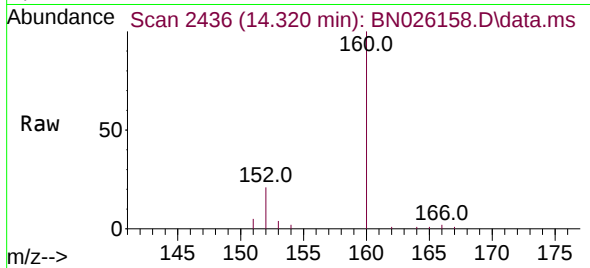
Tgt Ion:142 Resp: 1512
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

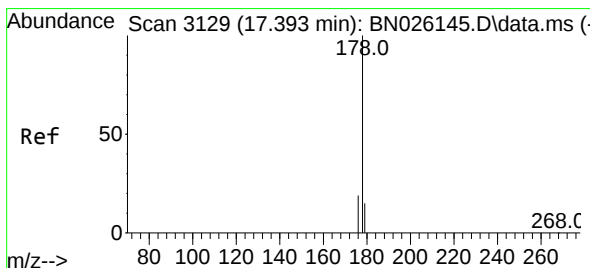
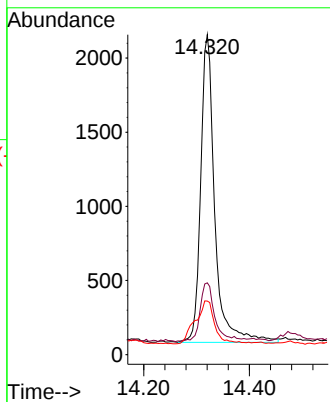
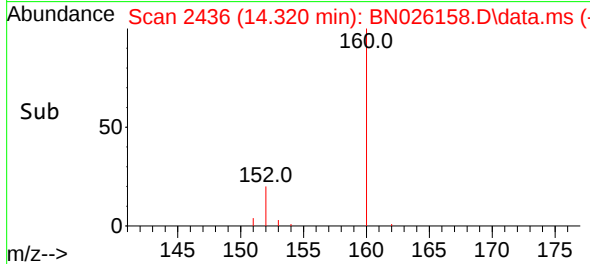
Instrument :
BNA_N
ClientSampleId :
DCFY6DL



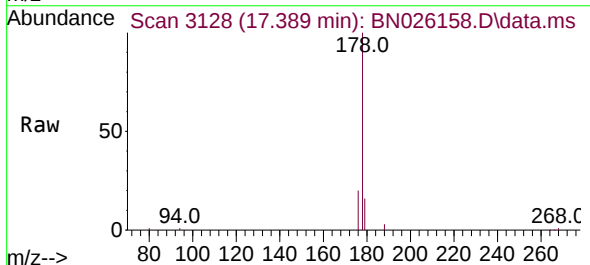
Tgt Ion:152 Resp: 3840
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.4
153 16.7 10.9 16.3

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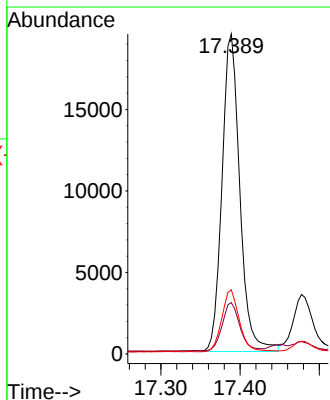
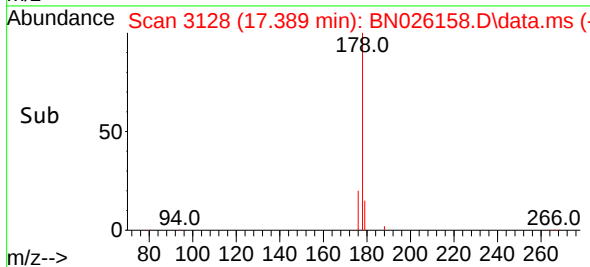
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

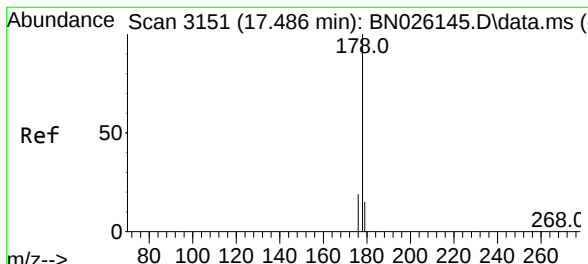


#15
Phenanthrene
Concen: 0.301 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04



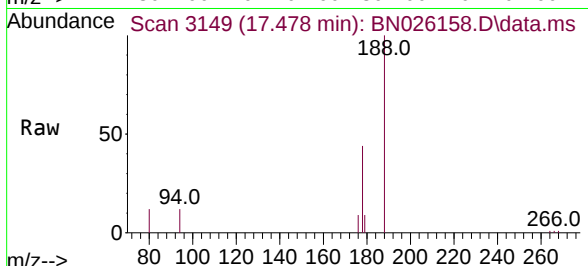
Tgt Ion:178 Resp: 30528
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.1 15.8 23.6





#16
 Anthracene
 Concen: 0.066 ng/ul
 RT: 17.478 min Scan# 3151
 Delta R.T. -0.009 min
 Lab File: BN026158.D
 Acq: 01 Jul 2023 19:04

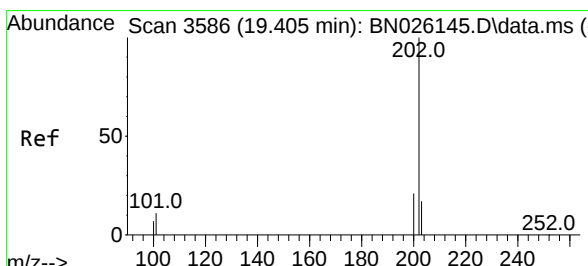
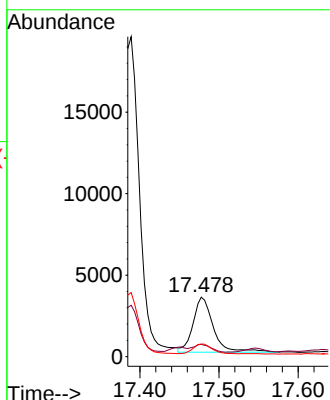
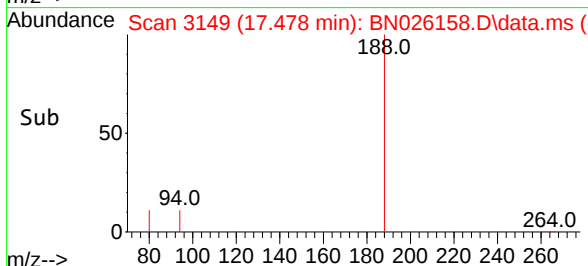
Instrument :
 BNA_N
 ClientSampleId :
 DCFY6DL



Tgt Ion:178 Resp: 5961
 Ion Ratio Lower Upper
 178 100
 179 20.7 12.6 18.8
 176 21.2 15.1 22.7

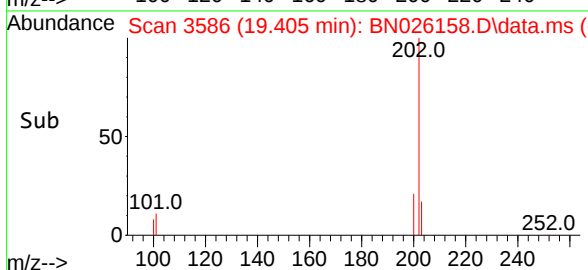
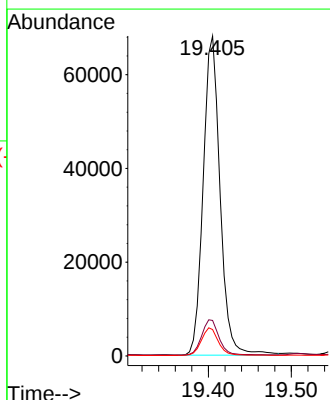
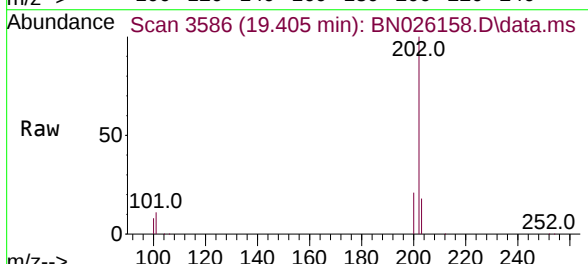
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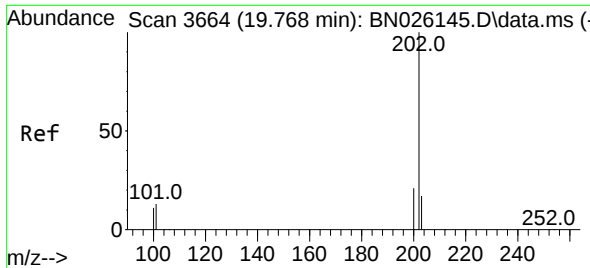
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 1.089 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.005 min
 Lab File: BN026158.D
 Acq: 01 Jul 2023 19:04

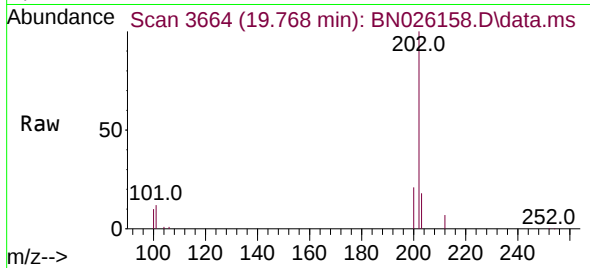
Tgt Ion:202 Resp: 96521
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.5 14.3
 100 8.2 7.3 10.9





#20
Pyrene
Concen: 0.861 ng/ul m
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

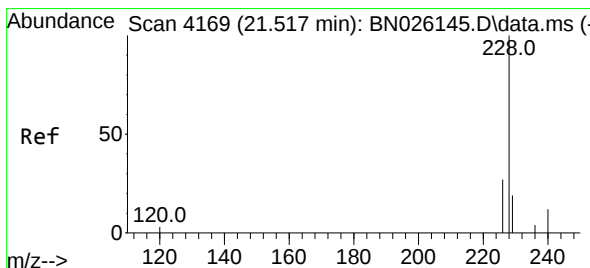
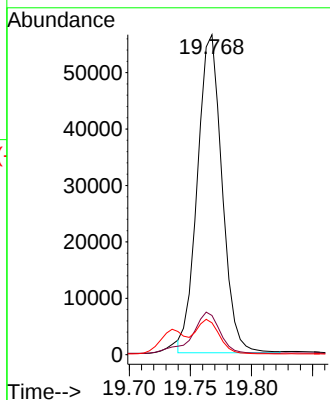
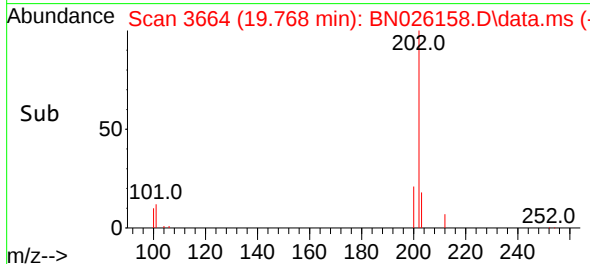
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BNA_N
ClientSampleId :
DCFY6DL



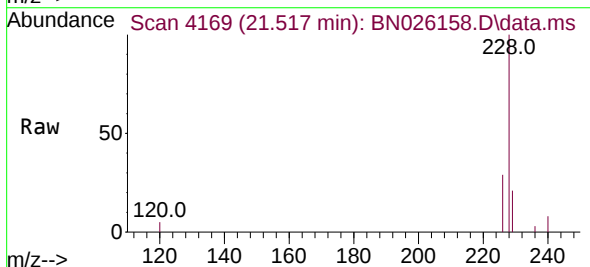
Tgt Ion:202 Resp: 7940
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.0 9.1 13.7

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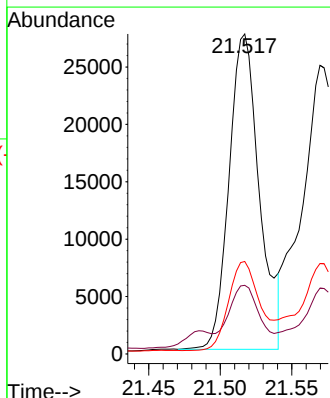
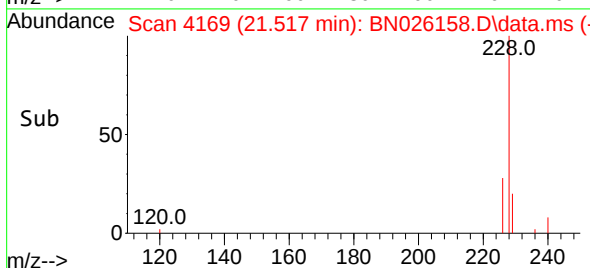
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Supervised By :Sohil Jodhani 07/02/2023

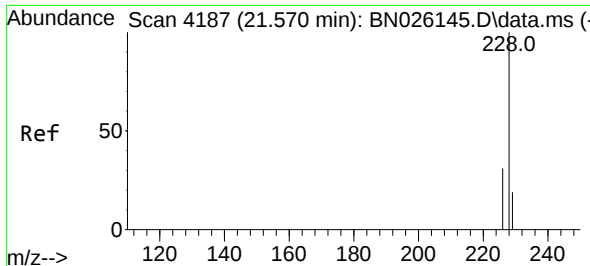


#21
Benzo(a)anthracene
Concen: 0.594 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.010 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04



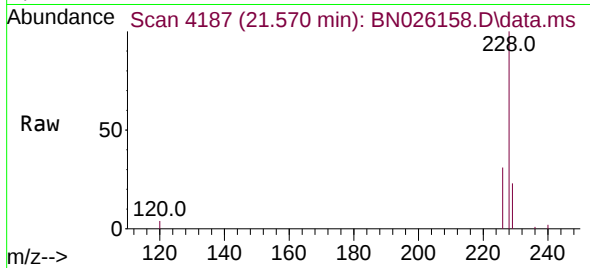
Tgt Ion:228 Resp: 40654
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 28.9 22.5 33.7





#22
Chrysene
Concen: 0.621 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

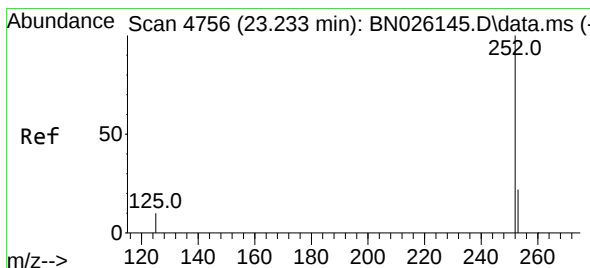
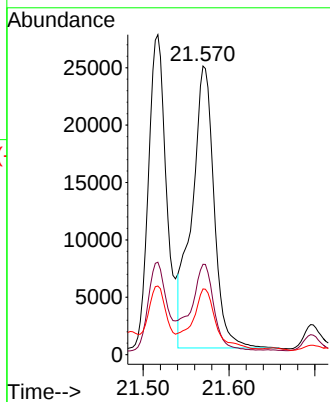
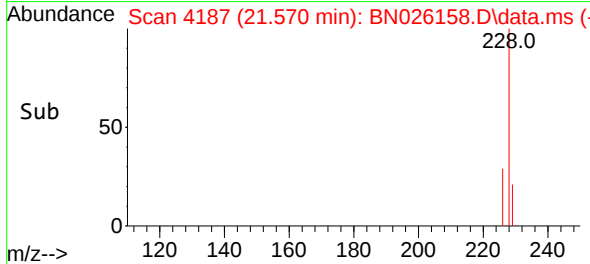
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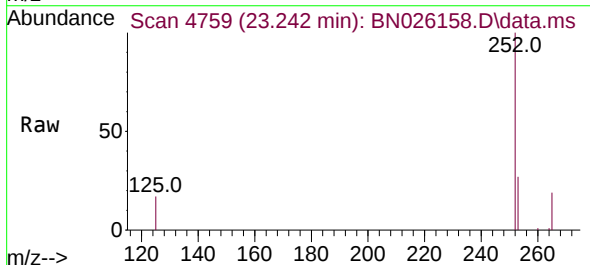
Tgt Ion:228 Resp: 44258
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.8 15.7 23.5

Manual Integrations
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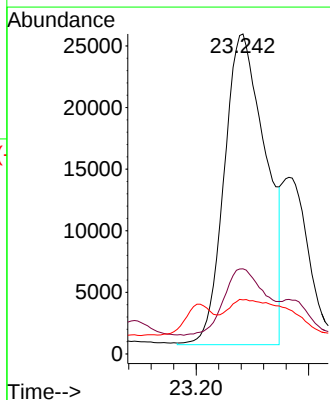
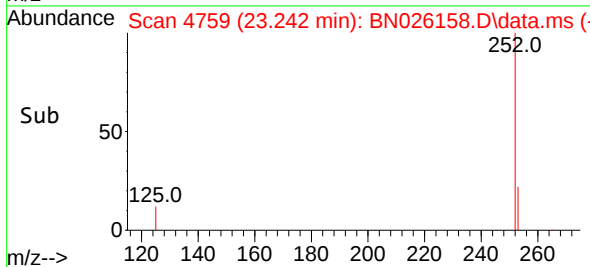
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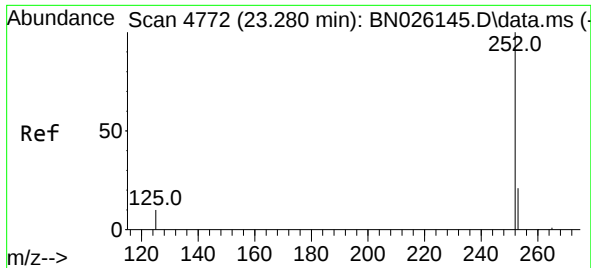


#24
Benzo(b)fluoranthene
Concen: 0.852 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.001 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04



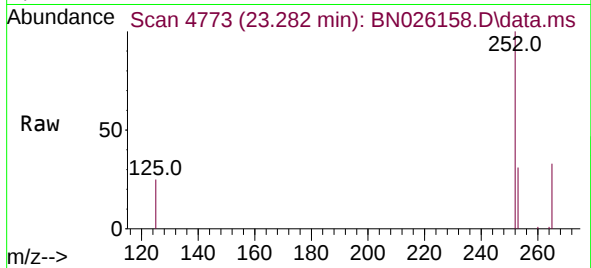
Tgt Ion:252 Resp: 64523
Ion Ratio Lower Upper
252 100
253 26.6 0.0 55.6
125 16.9 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul m
RT: 23.282 min Scan# 4772
Delta R.T. -0.010 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

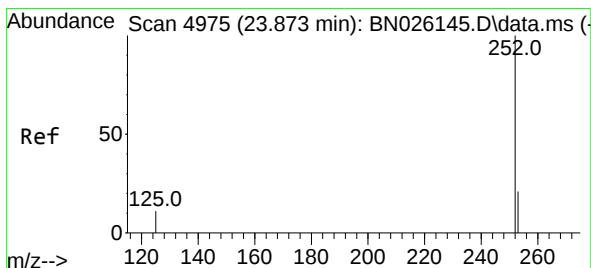
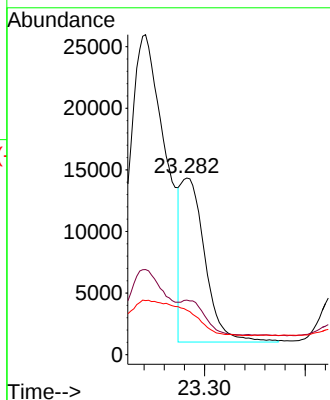
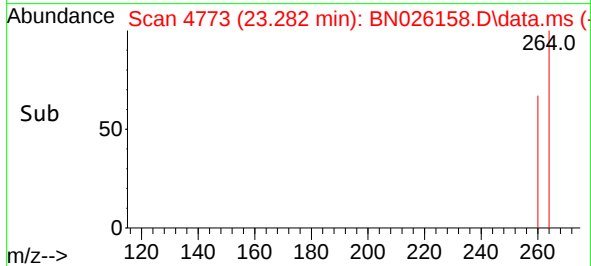
Instrument :
BNA_N
ClientSampleId :
DCFY6DL



Tgt Ion:252 Resp: 22390
Ion Ratio Lower Upper
252 100
253 30.9 23.2 34.8
125 25.2 15.0 22.4

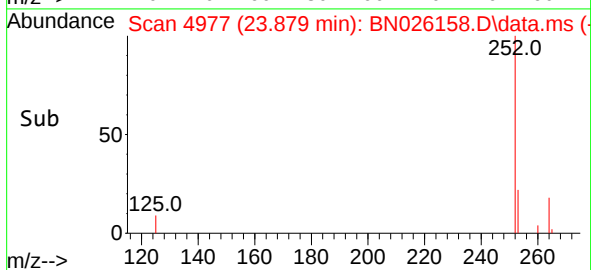
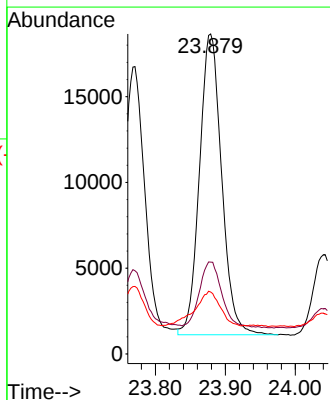
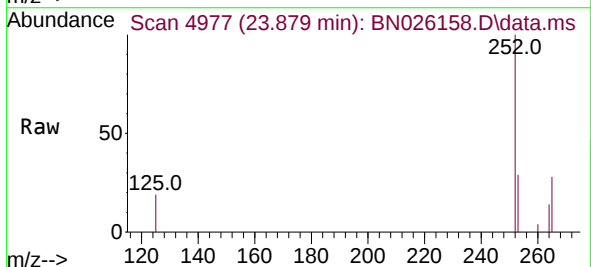
Manual Integrations
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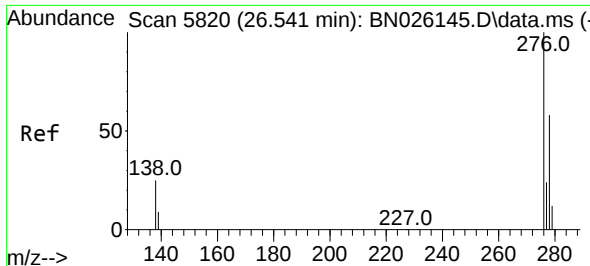
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#26
Benzo(a)pyrene
Concen: 0.587 ng/ul
RT: 23.879 min Scan# 4977
Delta R.T. -0.007 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

Tgt Ion:252 Resp: 38598
Ion Ratio Lower Upper
252 100
253 28.7 26.0 39.0
125 19.3 17.3 25.9





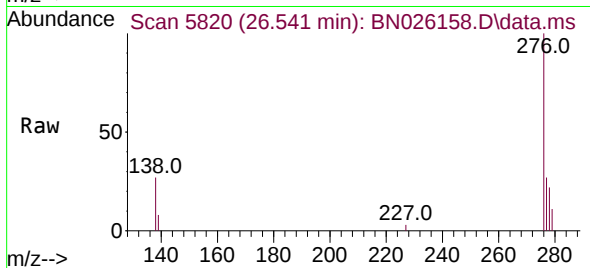
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Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.018 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

Instrument :

BNA_N

ClientSampleId :

DCFY6DL

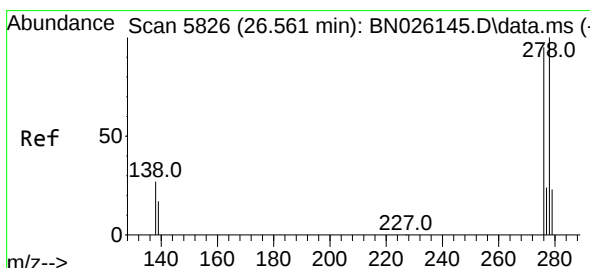
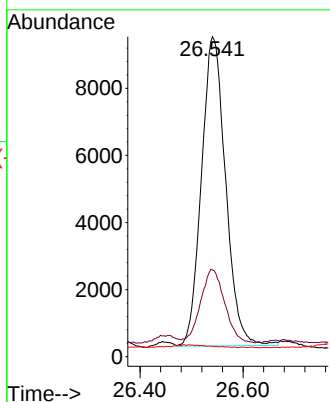
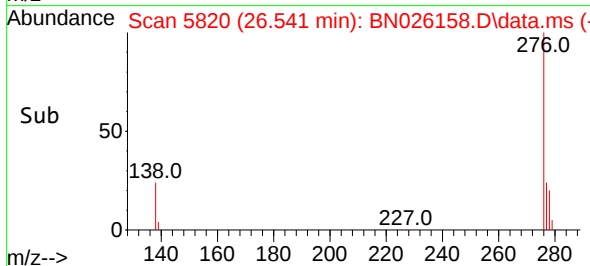


Tgt Ion: 276 Resp: 29970
Ion Ratio Lower Upper
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138 23.7 24.5 36.7#
227 0.0 0.0 0.0

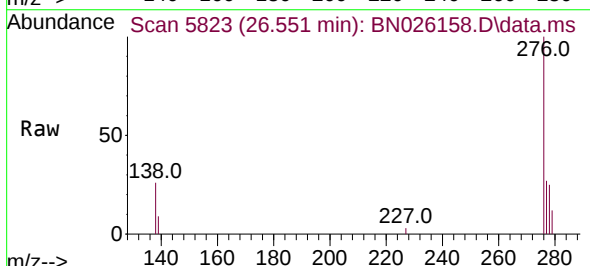
Manual Integrations

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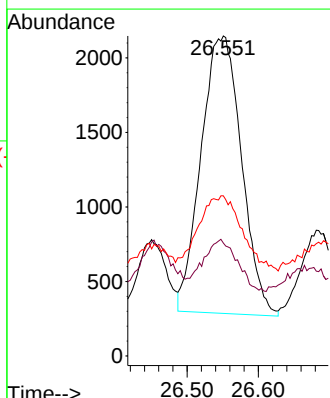
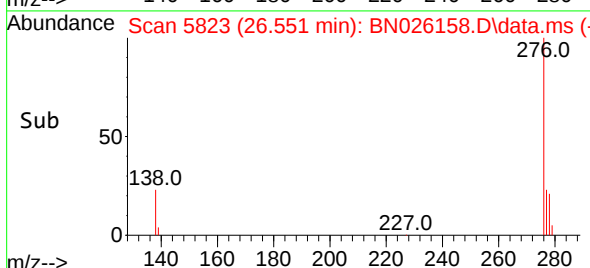
Reviewed By : Yogesh Patel 07/02/2023
Supervised By : Sohil Jodhani 07/02/2023

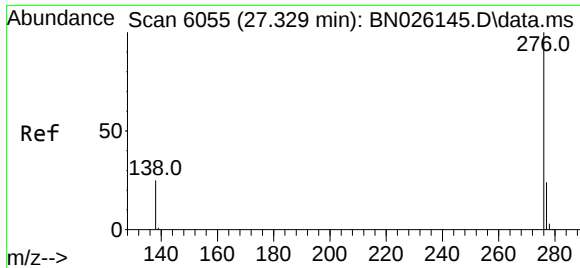


#28
Dibenzo(a,h)anthracene
Concen: 0.135 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.028 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04



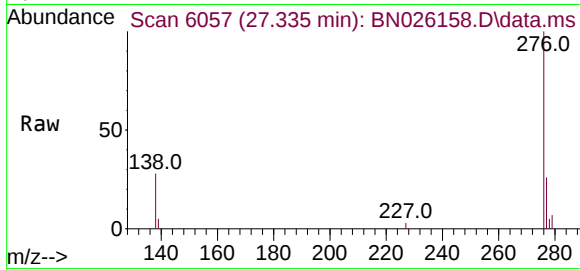
Tgt Ion: 278 Resp: 7350
Ion Ratio Lower Upper
278 100
139 35.3 19.0 28.4#
279 50.1 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.485 ng/ul
RT: 27.335 min Scan# 6057
Delta R.T. -0.011 min
Lab File: BN026158.D
Acq: 01 Jul 2023 19:04

Instrument :
BNA_N
ClientSampleId :
DCFY6DL



Tgt Ion:276 Resp: 30958
Ion Ratio Lower Upper
276 100
138 27.8 23.4 35.0
277 25.9 20.0 30.0

Manual Integrations
APPROVED

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