

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026203.D
 Acq On : 03 Jul 2023 00:20
 Operator : MA/JU
 Sample : 03244-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 06:28:29 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	7.951	152	8243	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	25685	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	28712	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	16143	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	17640	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	16550	1.783	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	4980	0.126	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	8839	0.144	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.320	152	4028	0.059	ng/ul#	88
11) Acenaphthene	14.658	153	1557	0.028	ng/ul	94
12) Fluorene	15.644	166	1819	0.028	ng/ul#	95
15) Phenanthrene	17.385	178	29823	0.314	ng/ul	99
16) Anthracene	17.478	178	5142	0.061	ng/ul#	89
19) Fluoranthene	19.405	202	80930	0.939	ng/ul	98
20) Pyrene	19.768	202	65853	0.734	ng/ul	97
21) Benzo(a)anthracene	21.514	228	34882	0.524	ng/ul	92
22) Chrysene	21.570	228	40281	0.581	ng/ul#	92
24) Benzo(b)fluoranthene	23.236	252	61368m	0.815	ng/ul	
25) Benzo(k)fluoranthene	23.274	252	25683m	0.340	ng/ul	
26) Benzo(a)pyrene	23.876	252	42144	0.644	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.551	276	34911	0.489	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.554	278	8693	0.161	ng/ul#	65
29) Benzo(g,h,i)perylene	27.342	276	34478	0.543	ng/ul	97

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

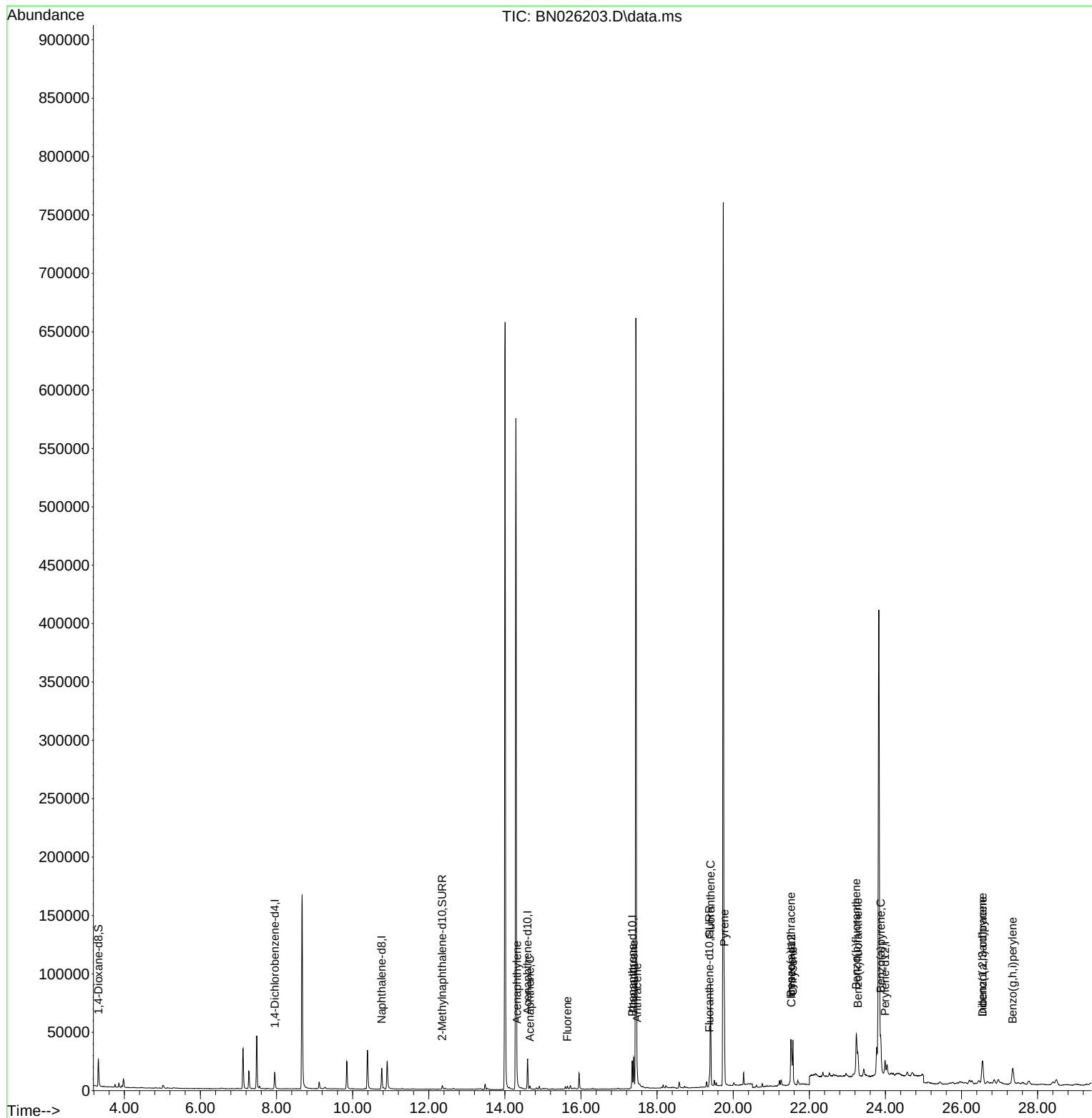
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026203.D
Acq On : 03 Jul 2023 00:20
Operator : MA/JU
Sample : 03244-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

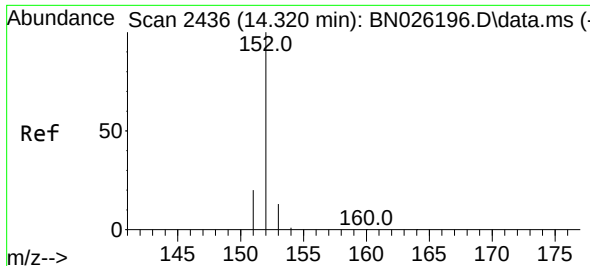
Instrument :
BNA_N
ClientSampleId :
DCGE8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

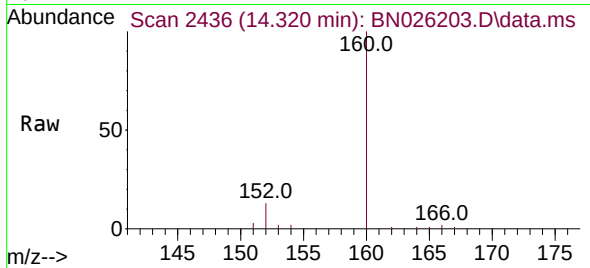
Quant Time: Jul 03 06:28:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.059 ng/u1
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

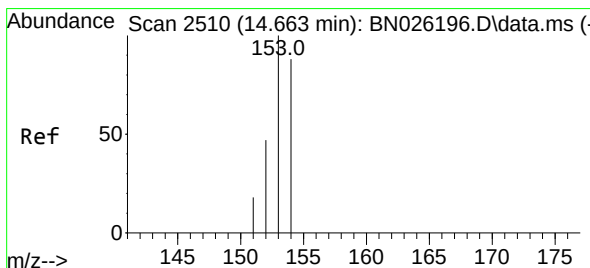
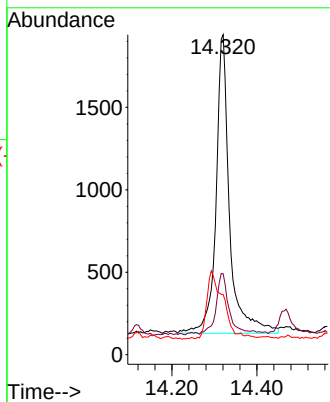
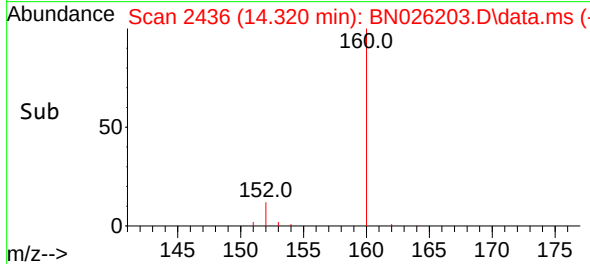
Instrument :
BNA_N
ClientSampleId :
DCGE8



Tgt Ion:152 Resp: 4028
Ion Ratio Lower Upper
152 100
151 25.3 16.2 24.4
153 18.8 10.9 16.3

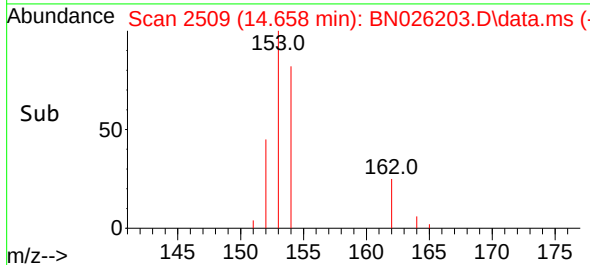
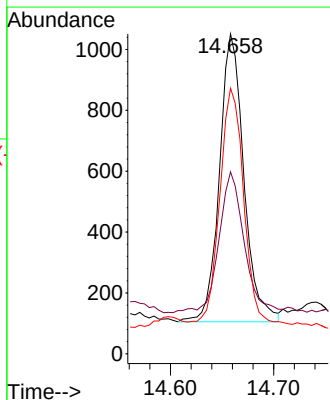
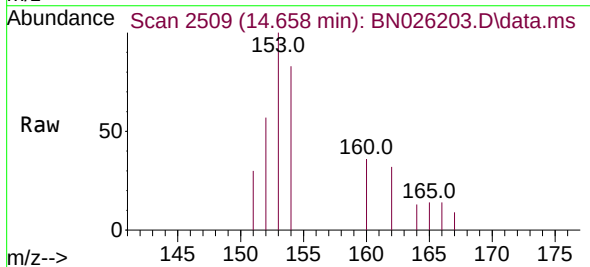
Manual Integrations
APPROVED

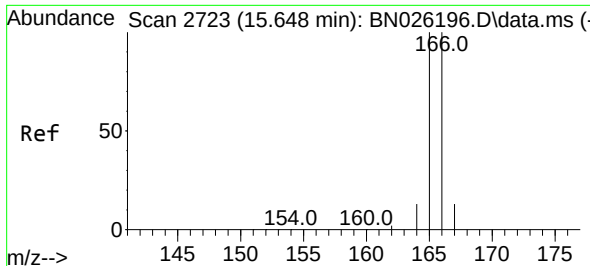
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

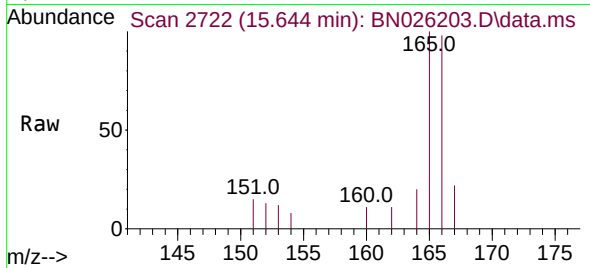
Tgt Ion:153 Resp: 1557
Ion Ratio Lower Upper
153 100
152 56.9 39.4 59.0
154 83.1 68.9 103.3





#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.644 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

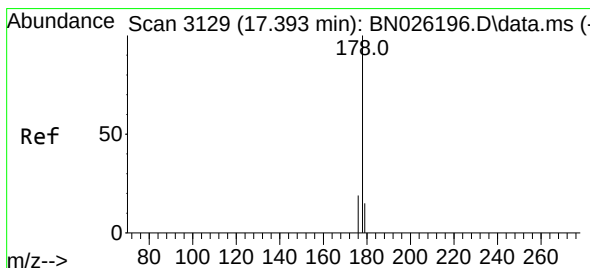
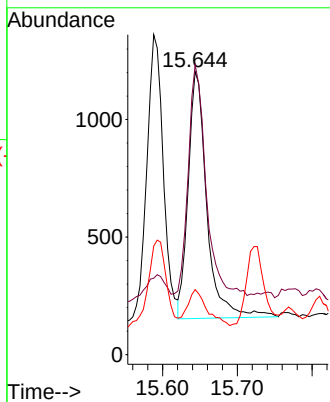
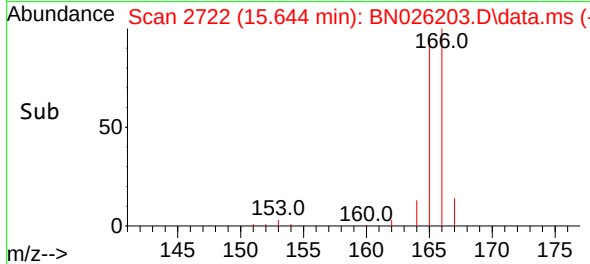
Instrument :
BNA_N
ClientSampleId :
DCGE8



Tgt Ion:166 Resp: 1819
Ion Ratio Lower Upper
166 100
165 102.4 79.9 119.9
167 23.0 10.8 16.2

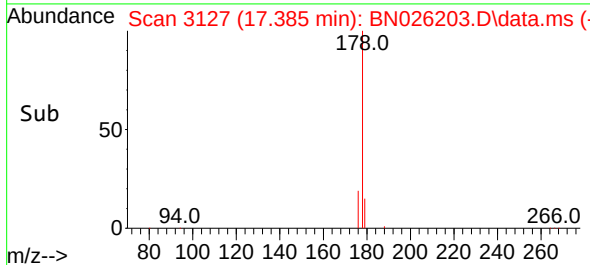
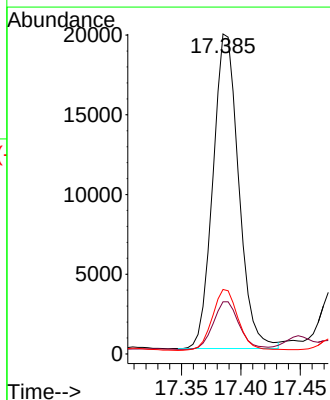
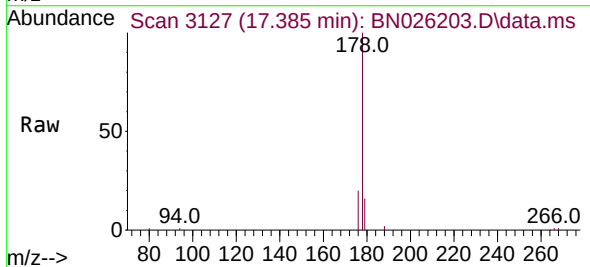
Manual Integrations
APPROVED

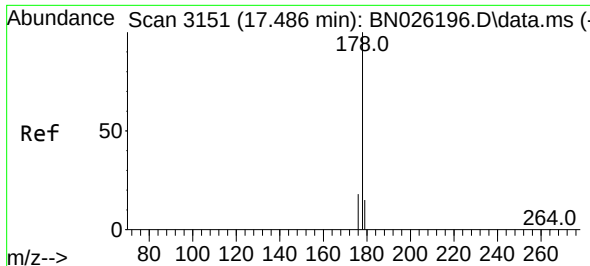
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#15
Phenanthrene
Concen: 0.314 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

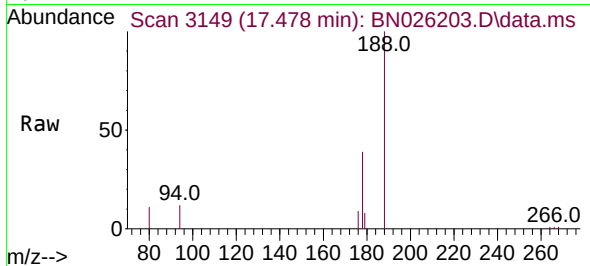
Tgt Ion:178 Resp: 29823
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.1 15.8 23.6





#16
 Anthracene
 Concen: 0.061 ng/ul
 RT: 17.478 min Scan# 3151
 Delta R.T. -0.009 min
 Lab File: BN026203.D
 Acq: 03 Jul 2023 00:20

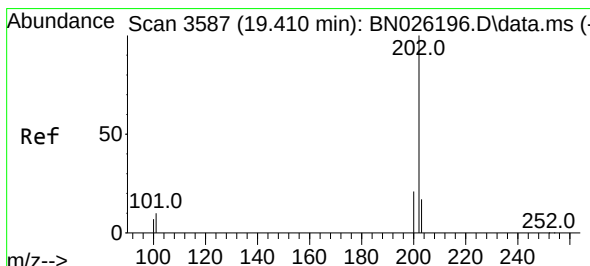
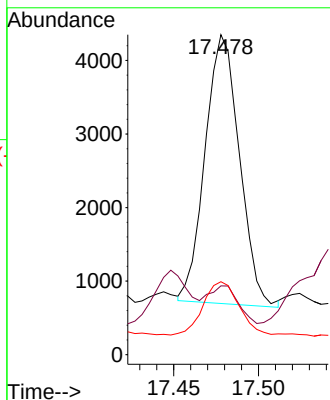
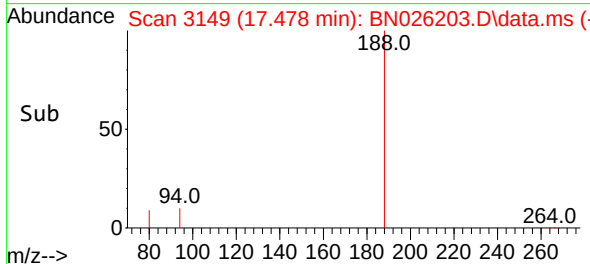
Instrument :
 BNA_N
 ClientSampleId :
 DCGE8



Tgt Ion:178 Resp: 514
 Ion Ratio Lower Upper
 178 100
 179 21.5 12.6 18.8
 176 22.8 15.1 22.7

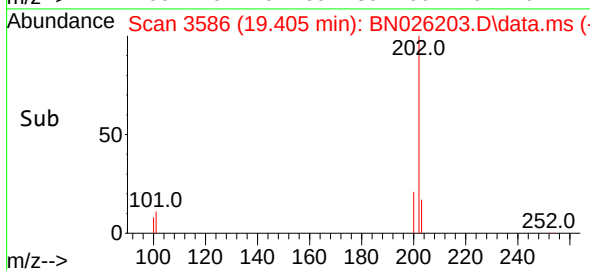
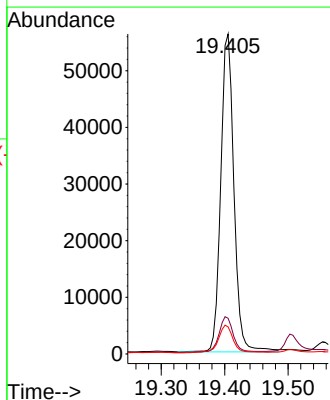
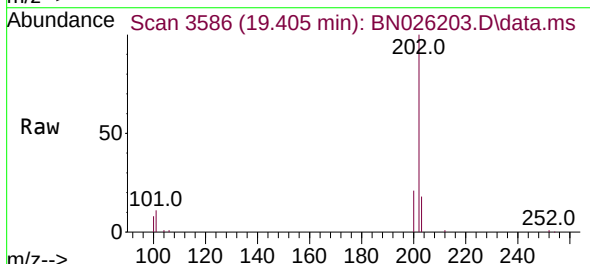
Manual Integrations
 APPROVED

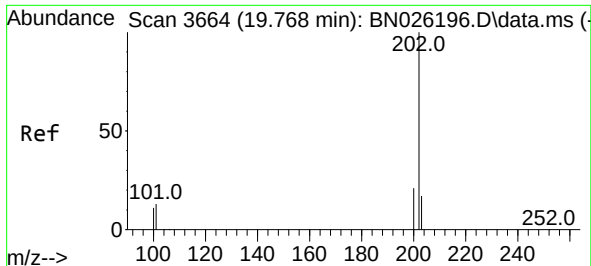
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023



#19
 Fluoranthene
 Concen: 0.939 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.005 min
 Lab File: BN026203.D
 Acq: 03 Jul 2023 00:20

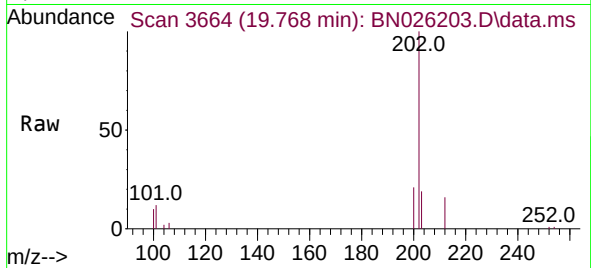
Tgt Ion:202 Resp: 80930
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.5 14.3
 100 8.5 7.3 10.9





#20
Pyrene
Concen: 0.734 ng/ul
RT: 19.768 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

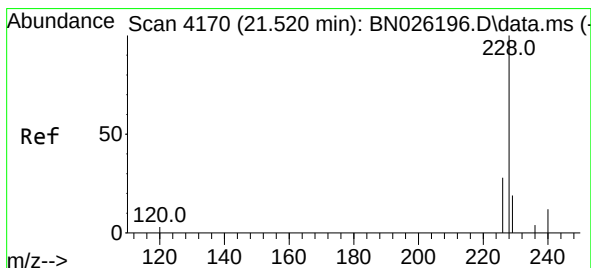
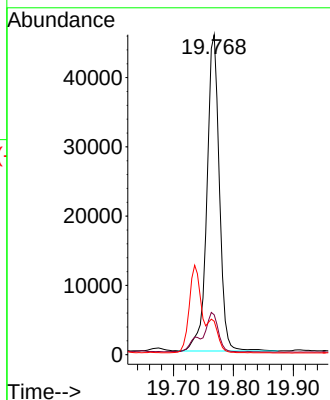
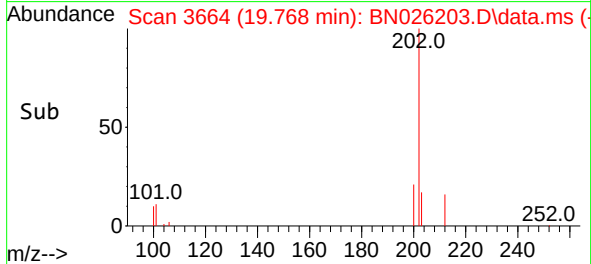
Instrument :
BNA_N
ClientSampleId :
DCGE8



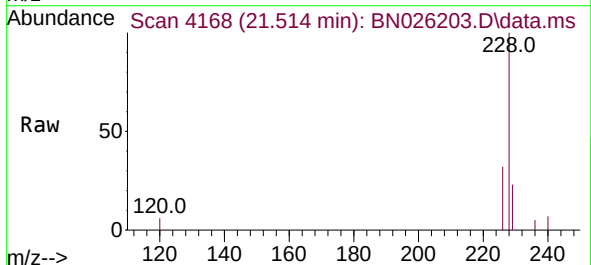
Tgt Ion:202 Resp: 6585
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.4 9.1 13.7

Manual Integrations
APPROVED

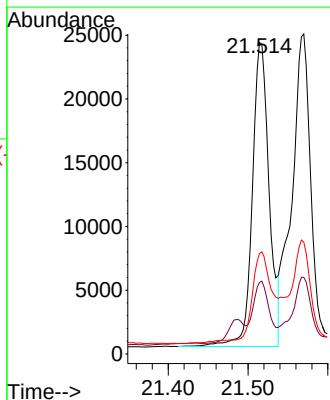
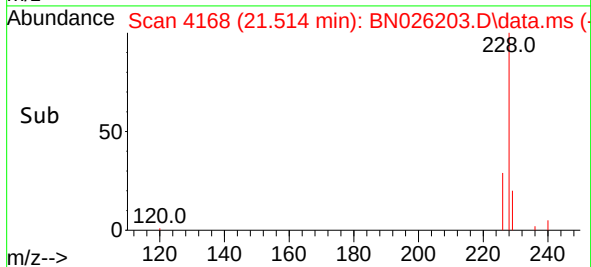
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

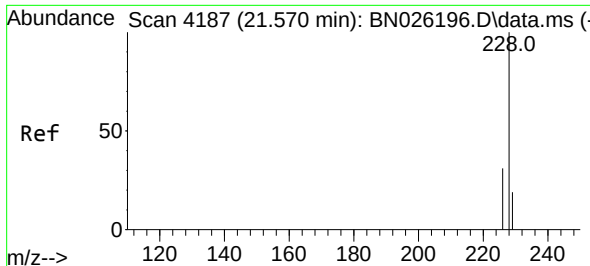


#21
Benzo(a)anthracene
Concen: 0.524 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20



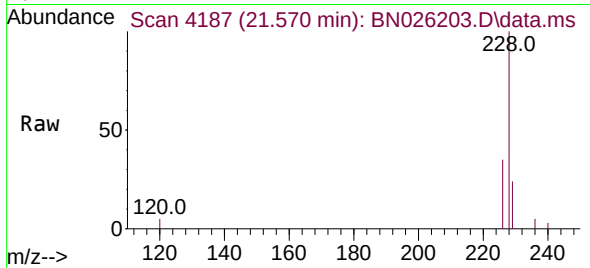
Tgt Ion:228 Resp: 34882
Ion Ratio Lower Upper
228 100
229 23.0 15.8 23.6
226 32.3 22.5 33.7





#22
Chrysene
Concen: 0.581 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

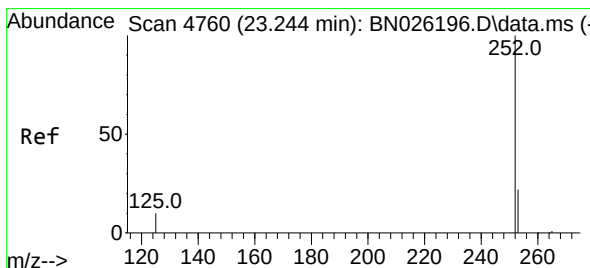
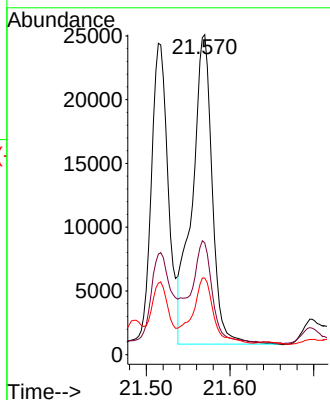
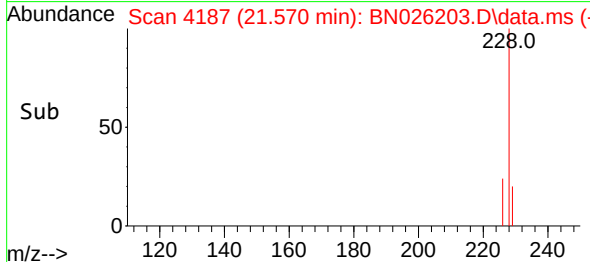
Instrument :
BNA_N
ClientSampleId :
DCGE8



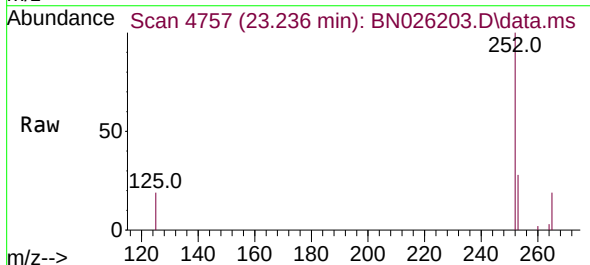
Tgt Ion:228 Resp: 4028
Ion Ratio Lower Upper
228 100
226 35.0 24.8 37.2
229 23.9 15.7 23.5

Manual Integrations
APPROVED

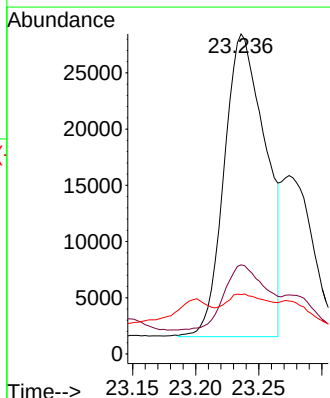
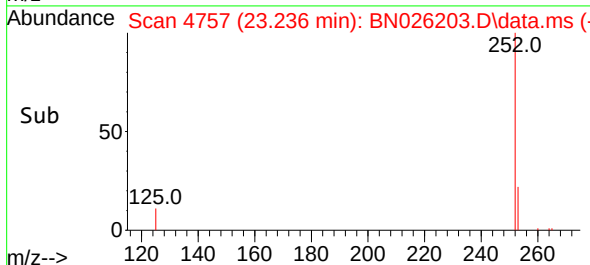
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

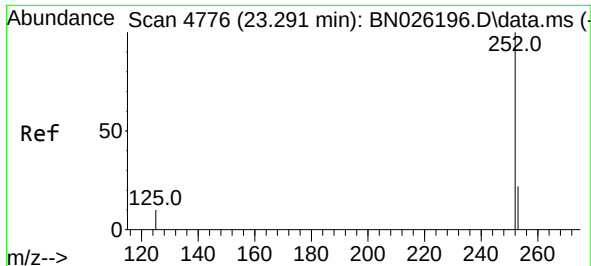


#24
Benzo(b)fluoranthene
Concen: 0.815 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20



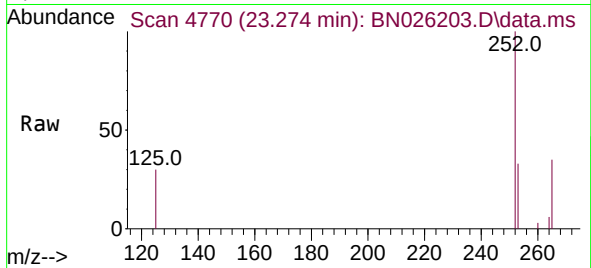
Tgt Ion:252 Resp: 61368
Ion Ratio Lower Upper
252 100
253 27.9 0.0 55.6
125 18.5 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul m
RT: 23.274 min Scan# 41
Delta R.T. -0.018 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

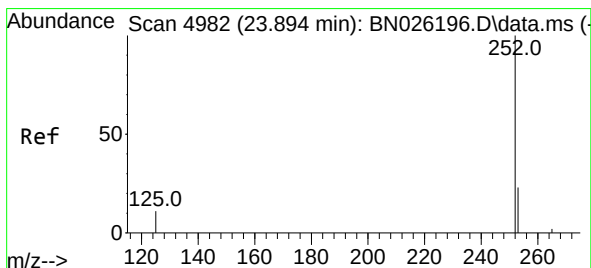
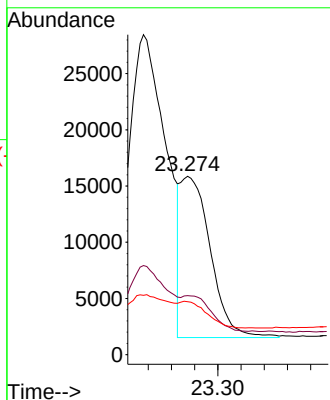
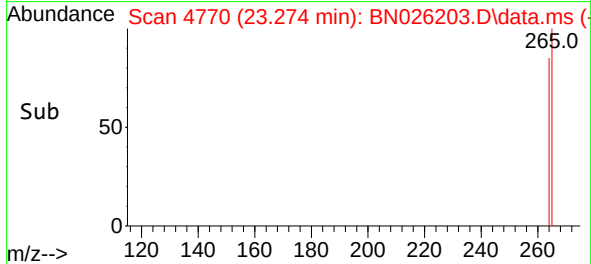
Instrument :
BNA_N
ClientSampleId :
DCGE8



Tgt Ion:252 Resp: 2568
Ion Ratio Lower Upper
252 100
253 33.1 23.2 34.8
125 29.7 15.0 22.4

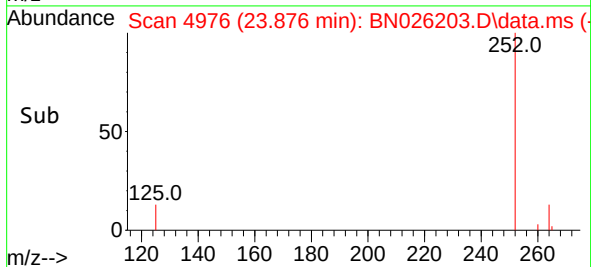
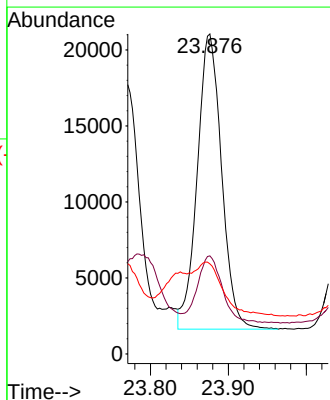
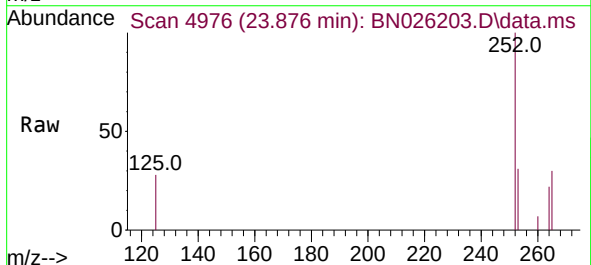
Manual Integrations
APPROVED

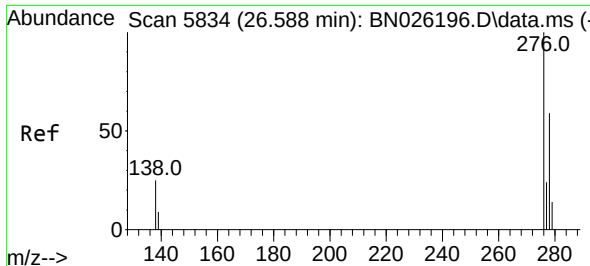
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#26
Benzo(a)pyrene
Concen: 0.644 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. -0.009 min
Lab File: BN026203.D
Acq: 03 Jul 2023 00:20

Tgt Ion:252 Resp: 42144
Ion Ratio Lower Upper
252 100
253 30.6 26.0 39.0
125 28.1 17.3 25.9





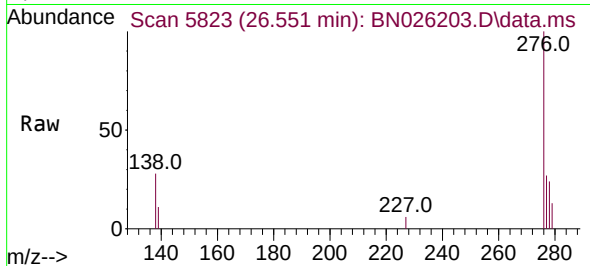
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.489 ng/ul
 RT: 26.551 min Scan# 5823
 Delta R.T. -0.007 min
 Lab File: BN026203.D
 Acq: 03 Jul 2023 00:20

Instrument :

BNA_N

ClientSampleId :

DCGE8

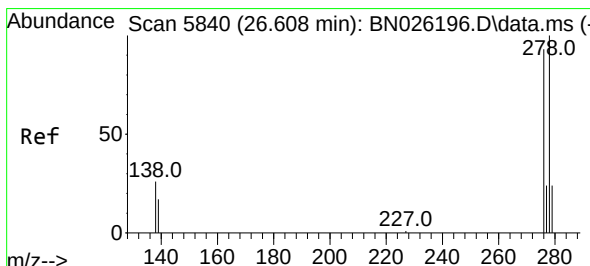
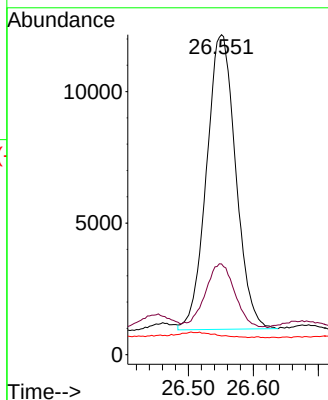
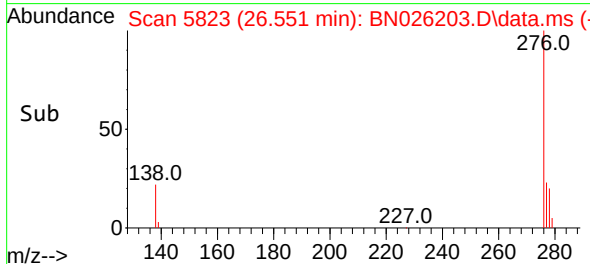


Tgt Ion:276 Resp: 3491
 Ion Ratio Lower Upper
 276 100
 138 22.0 24.5 36.7#
 227 0.0 0.0 0.0

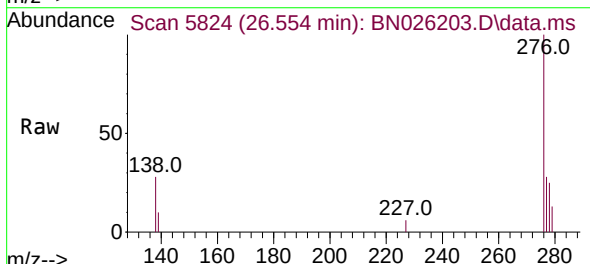
Manual Integrations

APPROVED

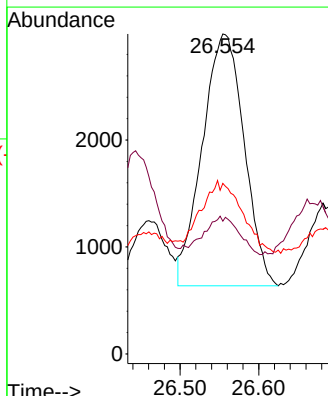
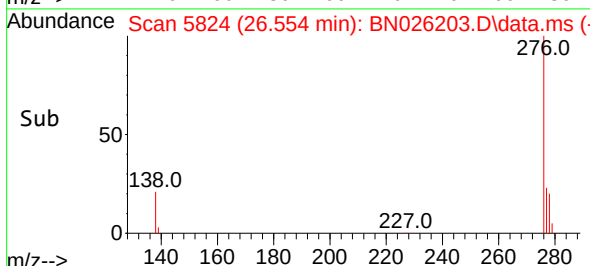
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

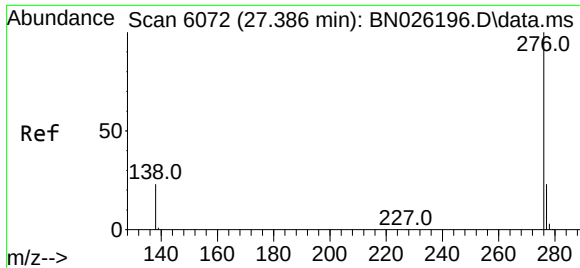


#28
 Dibenzo(a,h)anthracene
 Concen: 0.161 ng/ul
 RT: 26.554 min Scan# 5824
 Delta R.T. -0.024 min
 Lab File: BN026203.D
 Acq: 03 Jul 2023 00:20



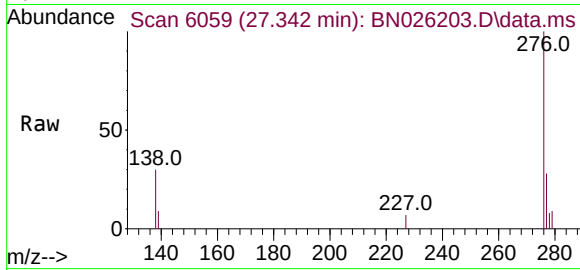
Tgt Ion:278 Resp: 8693
 Ion Ratio Lower Upper
 278 100
 139 41.5 19.0 28.4#
 279 53.3 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.543 ng/ul
 RT: 27.342 min Scan# 6072
 Delta R.T. -0.004 min
 Lab File: BN026203.D
 Acq: 03 Jul 2023 00:20

Instrument :
 BNA_N
 ClientSampleId :
 DCGE8



Tgt Ion:276 Resp: 34478
 Ion Ratio Lower Upper
 276 100
 138 29.7 23.4 35.0
 277 28.2 20.0 30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

