

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026211.D
 Acq On : 03 Jul 2023 05:11
 Operator : MA/JU
 Sample : 03244-17
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF6

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 07:10:20 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	7.950	152	8106	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.764	136	24959	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	29273	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	15955	0.400	ng/ul	# 0.00
23) Perylene-d12	24.007	264	16050	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	26885	2.945	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	8562	0.223	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	15778	0.260	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.814	128	28193	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	17885	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	10830	0.229	ng/ul	99
10) Acenaphthylene	14.315	152	72672	1.045	ng/ul	100
11) Acenaphthene	14.658	153	14264	0.251	ng/ul	98
12) Fluorene	15.643	166	16213	0.249	ng/ul#	98
15) Phenanthrene	17.385	178	359053	3.713	ng/ul	99
16) Anthracene	17.477	178	72651	0.845	ng/ul	99
19) Fluoranthene	19.405	202	708996	8.320	ng/ul	96
20) Pyrene	19.767	202	537472	6.064	ng/ul	96
21) Benzo(a)anthracene	21.520	228	275703	4.189	ng/ul	97
22) Chrysene	21.572	228	295238	4.311	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	421419m	6.152	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	131064m	1.905	ng/ul	
26) Benzo(a)pyrene	23.899	252	258499	4.345	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.587	276	201688	3.103	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.594	278	52605	1.070	ng/ul	99
29) Benzo(g,h,i)perylene	27.392	276	197721	3.420	ng/ul#	94

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

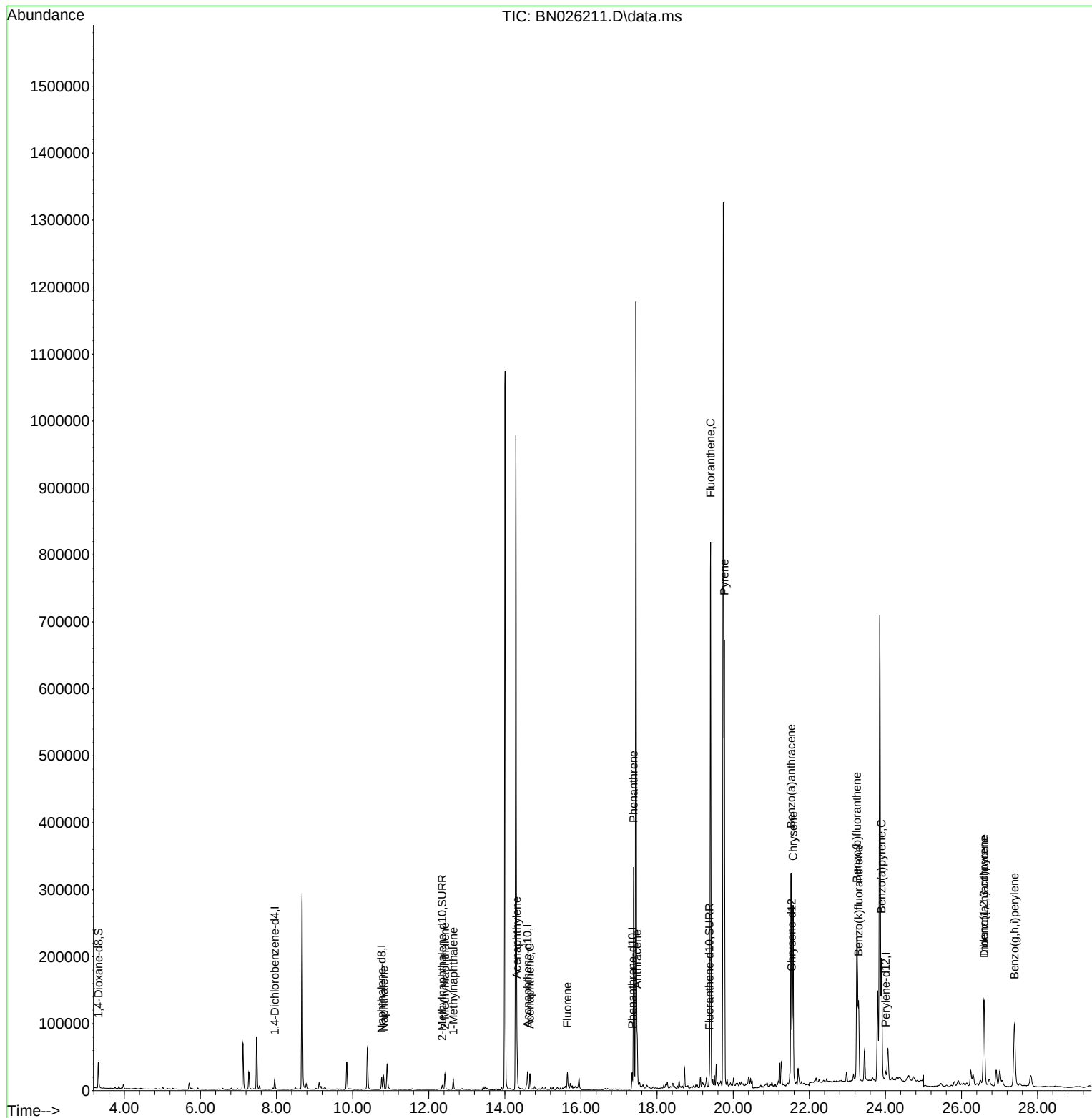
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026211.D
Acq On : 03 Jul 2023 05:11
Operator : MA/JU
Sample : 03244-17
Misc :
ALS Vial : 68 Sample Multiplier: 1

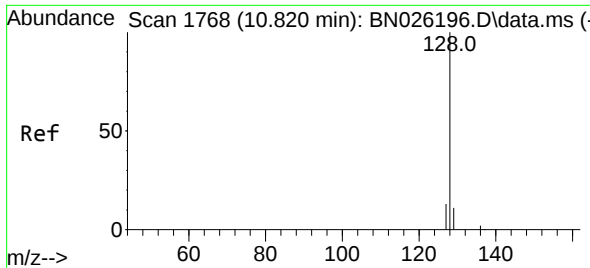
Instrument :
BNA_N
ClientSampleId :
DCGF6

Quant Time: Jul 03 07:10:20 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

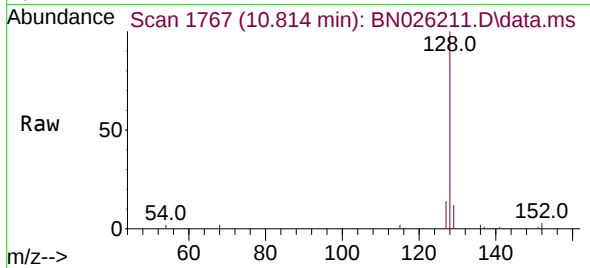
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

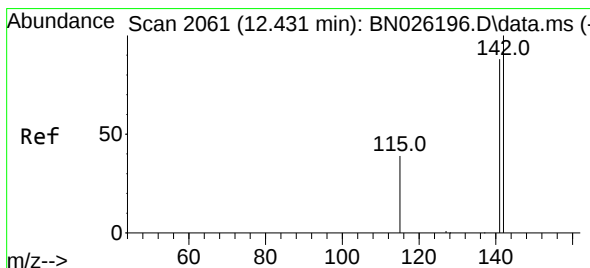
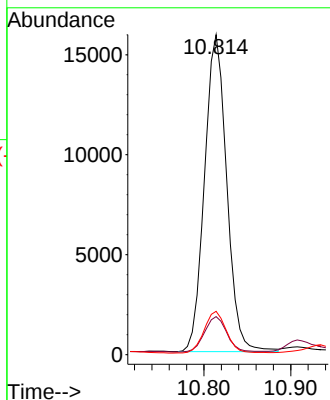
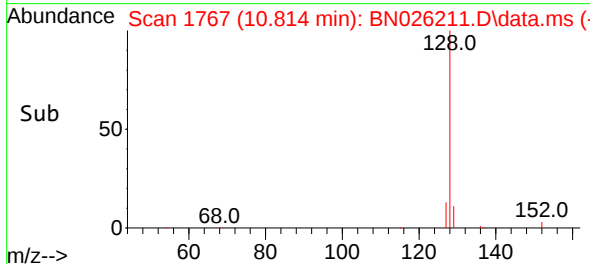
Instrument :
BNA_N
ClientSampleId :
DCGF6



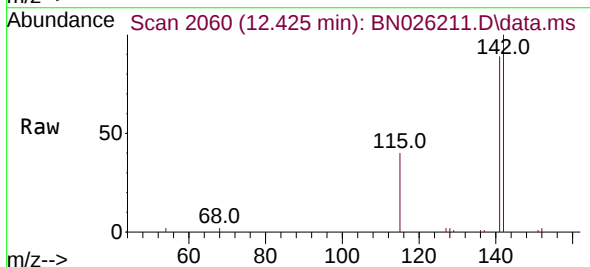
Tgt Ion:128 Resp: 2819
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 10.7 16.1

Manual Integrations
APPROVED

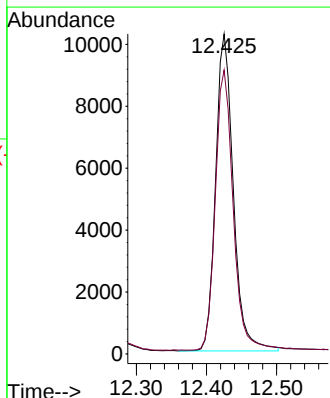
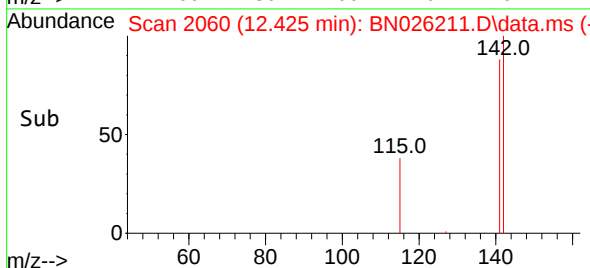
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

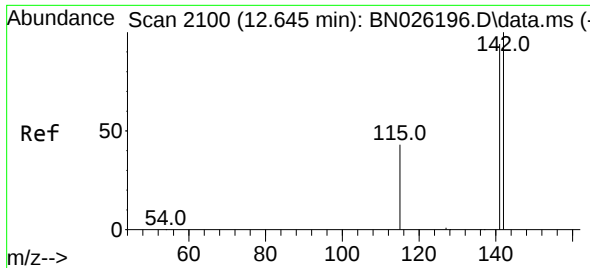


#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11



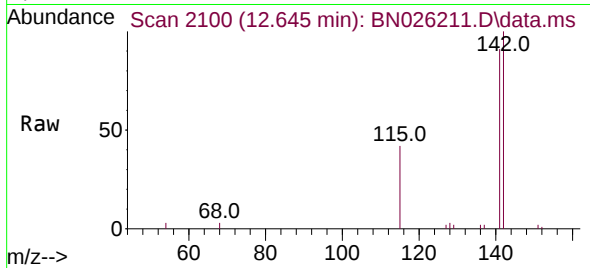
Tgt Ion:142 Resp: 17885
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.229 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

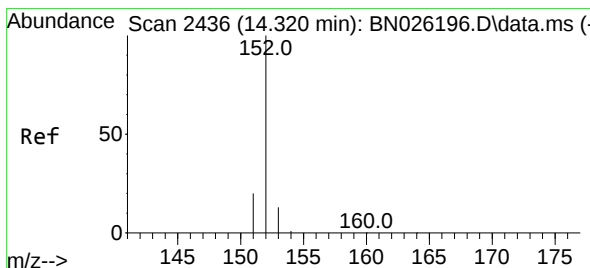
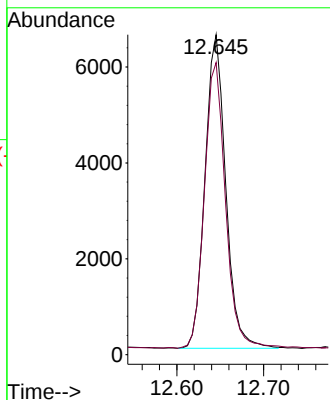
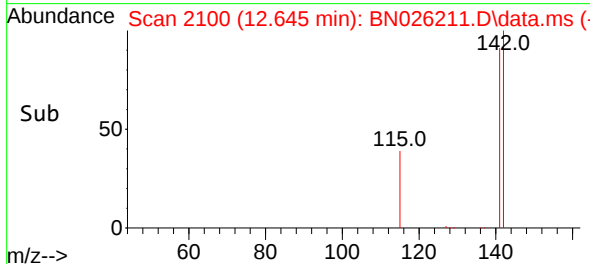
Instrument :
BNA_N
ClientSampleId :
DCGF6



Tgt Ion:142 Resp: 10830
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4

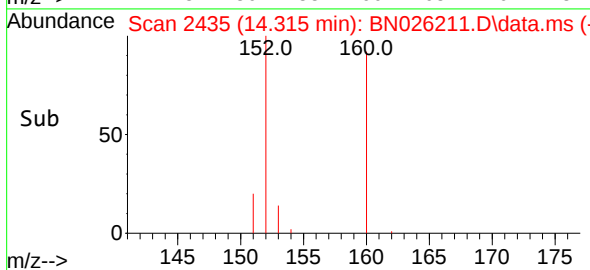
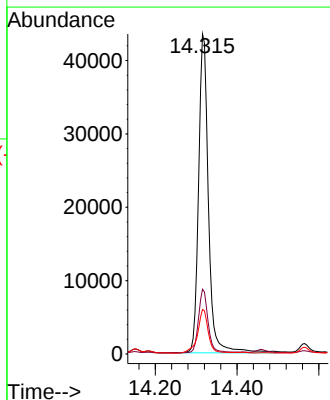
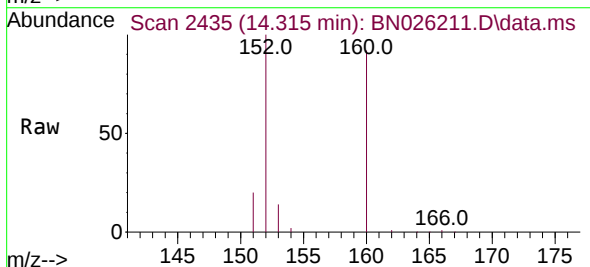
Manual Integrations
APPROVED

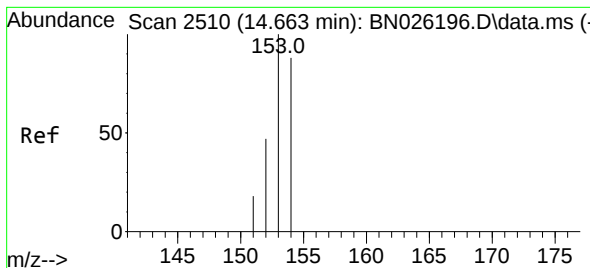
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 1.045 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

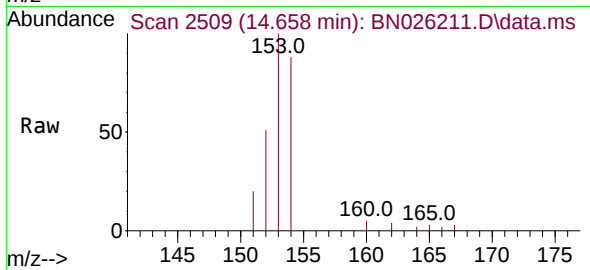
Tgt Ion:152 Resp: 72672
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.251 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

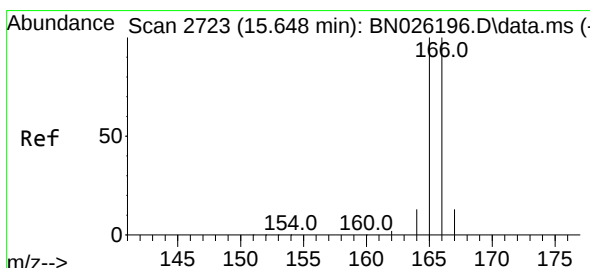
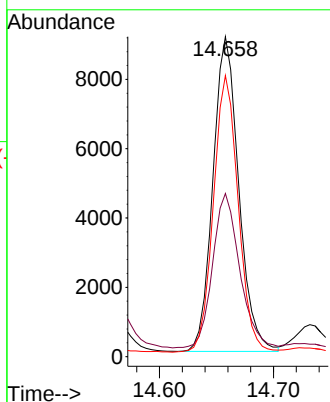
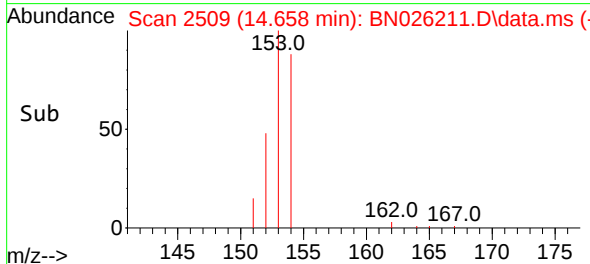
Instrument :
BNA_N
ClientSampleId :
DCGF6



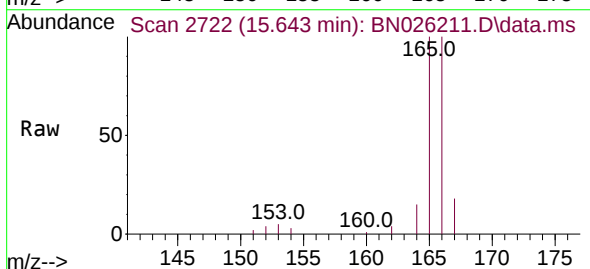
Tgt Ion:153 Resp: 14264
Ion Ratio Lower Upper
153 100
152 51.0 39.4 59.0
154 87.8 68.9 103.3

Manual Integrations
APPROVED

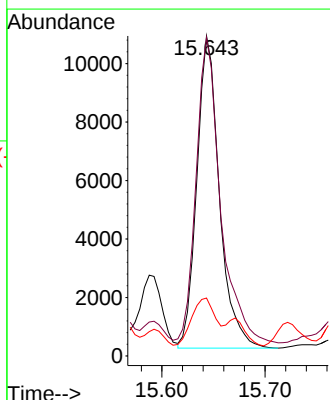
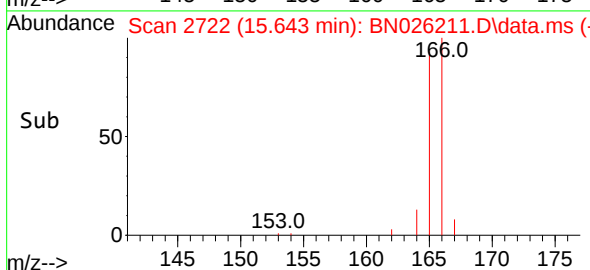
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

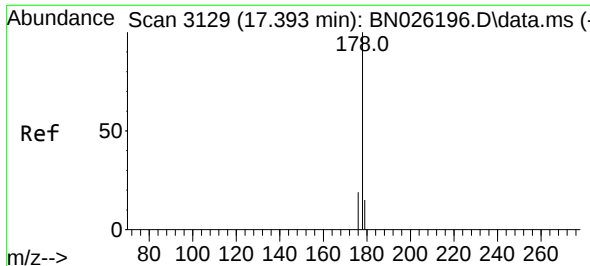


#12
Fluorene
Concen: 0.249 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11



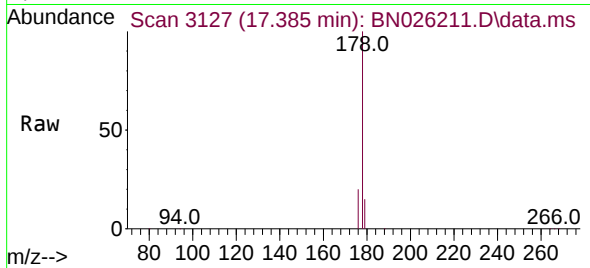
Tgt Ion:166 Resp: 16213
Ion Ratio Lower Upper
166 100
165 99.6 79.9 119.9
167 18.1 10.8 16.2#





#15
Phenanthrene
Concen: 3.713 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

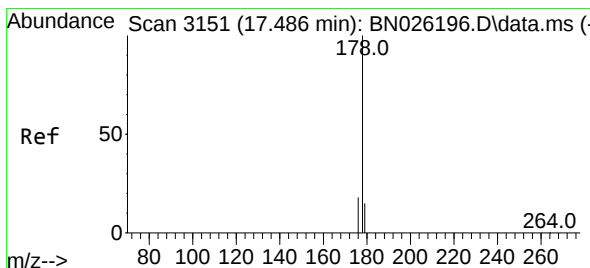
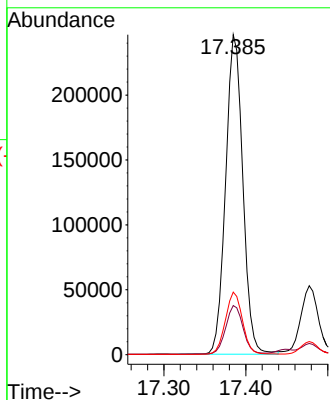
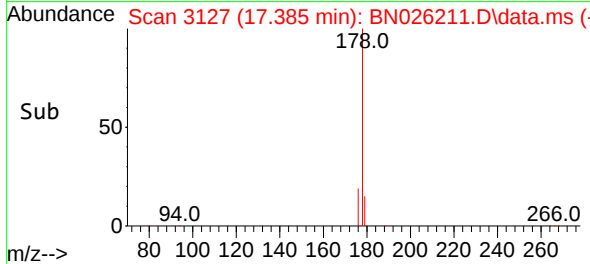
Instrument :
BNA_N
ClientSampleId :
DCGF6



Tgt Ion:178 Resp: 35905
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6

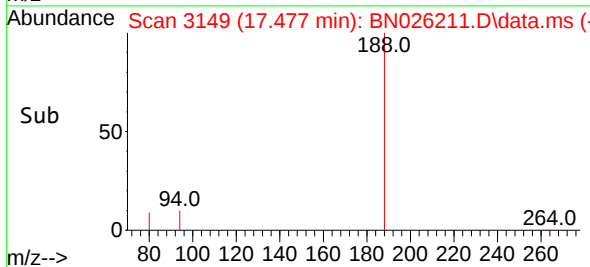
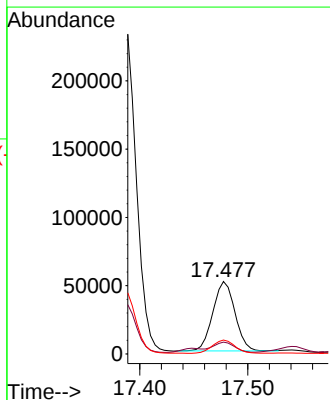
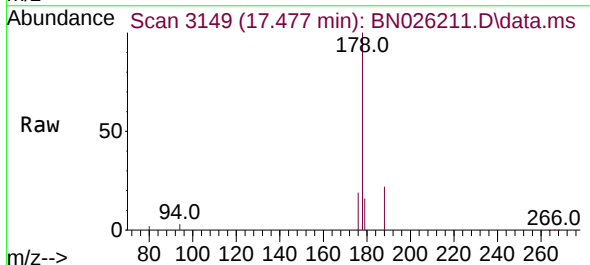
Manual Integrations
APPROVED

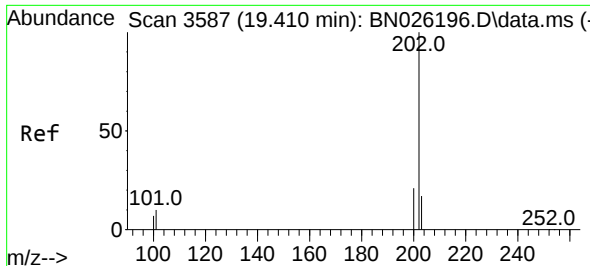
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.845 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

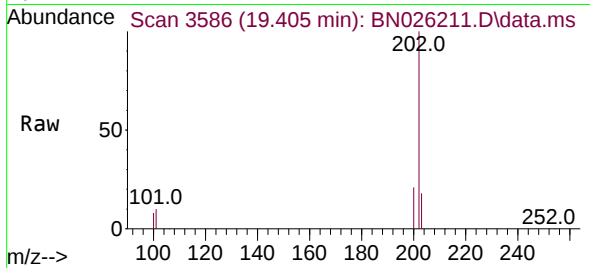
Tgt Ion:178 Resp: 72651
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.1 15.1 22.7





#19
Fluoranthene
Concen: 8.320 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

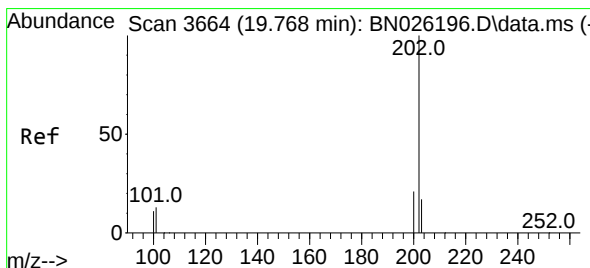
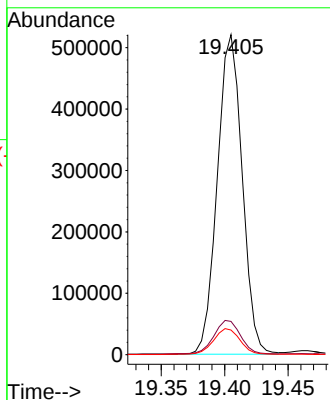
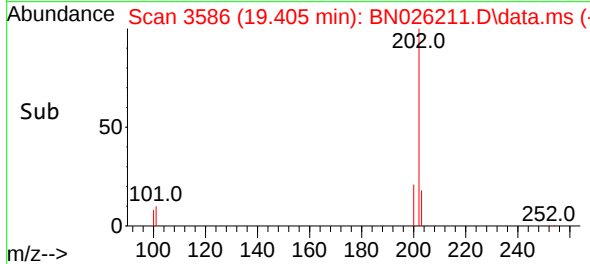
Instrument :
BNA_N
ClientSampleId :
DCGF6



Tgt Ion:202 Resp: 708990
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 7.7 7.3 10.9

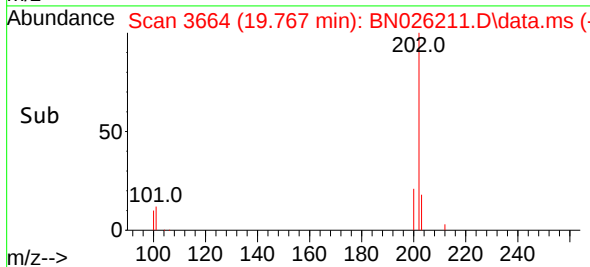
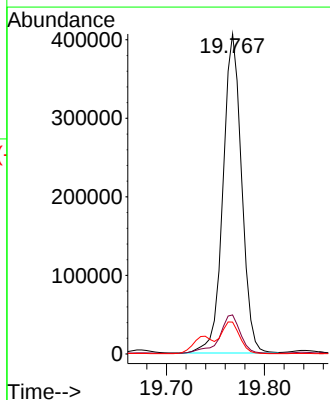
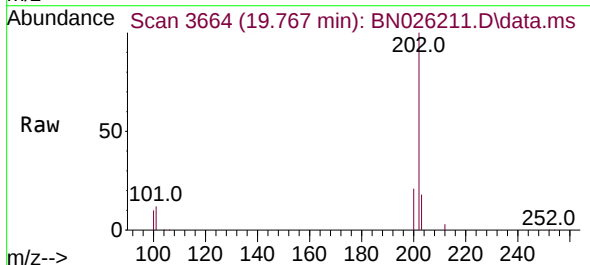
Manual Integrations
APPROVED

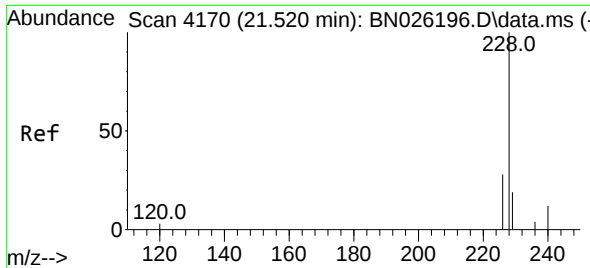
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 6.064 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

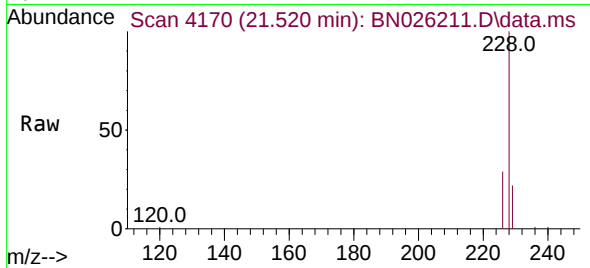
Tgt Ion:202 Resp: 537472
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.189 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.007 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

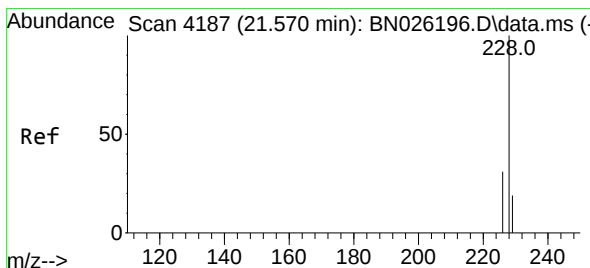
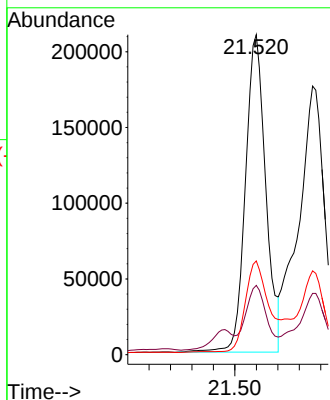
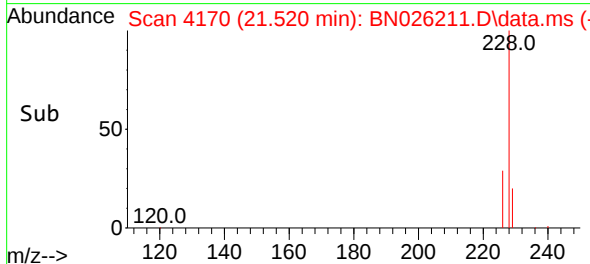
Instrument :
BNA_N
ClientSampleId :
DCGF6



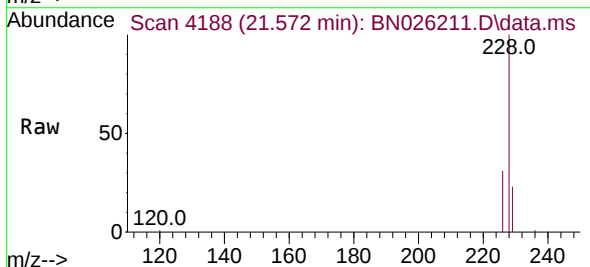
Tgt Ion:228 Resp: 275700
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 29.3 22.5 33.7

Manual Integrations
APPROVED

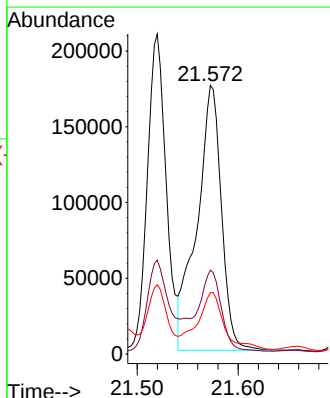
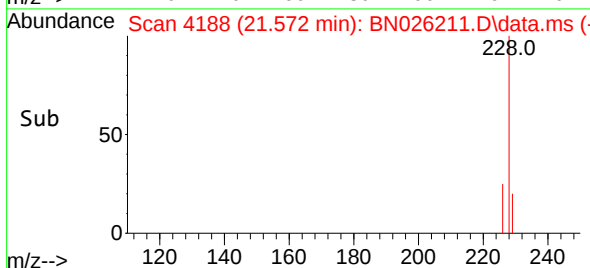
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

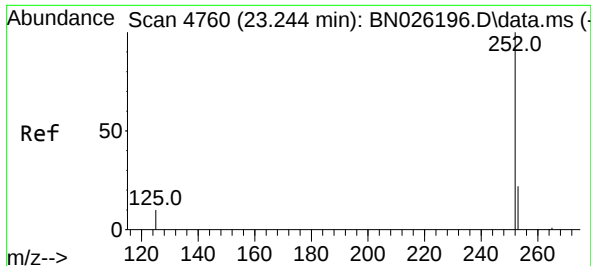


#22
Chrysene
Concen: 4.311 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11



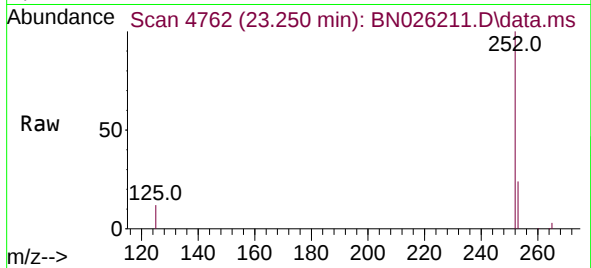
Tgt Ion:228 Resp: 295238
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 6.152 ng/ul m
RT: 23.250 min Scan# 4760
Delta R.T. 0.008 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

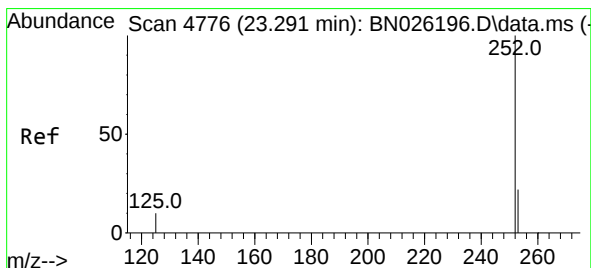
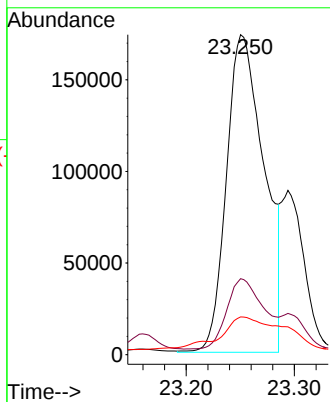
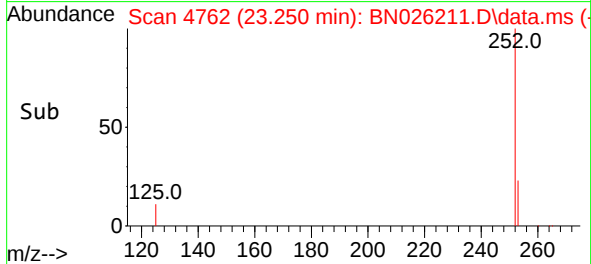
Instrument :
BNA_N
ClientSampleId :
DCGF6



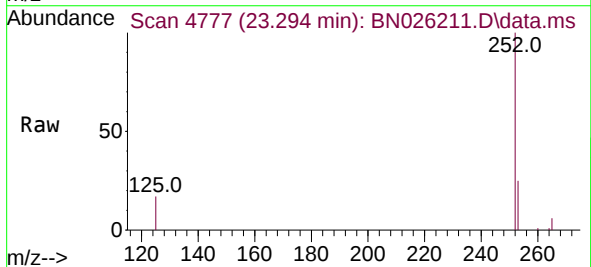
Tgt Ion:252 Resp: 421419
Ion Ratio Lower Upper
252 100
253 23.7 0.0 55.6
125 11.8 0.0 35.8

Manual Integrations
APPROVED

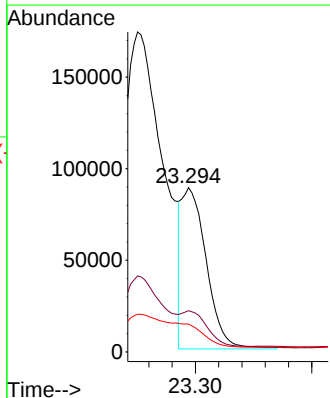
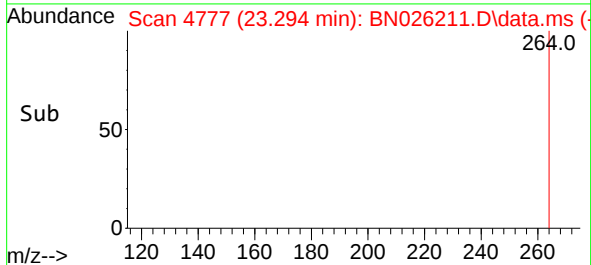
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

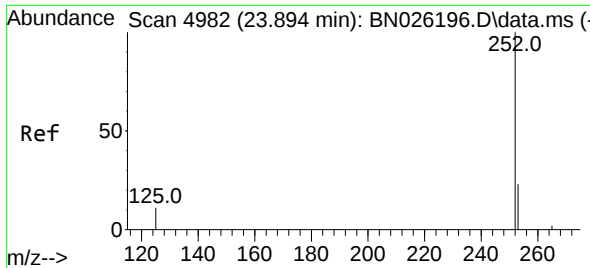


#25
Benzo(k)fluoranthene
Concen: 1.905 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. 0.002 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11



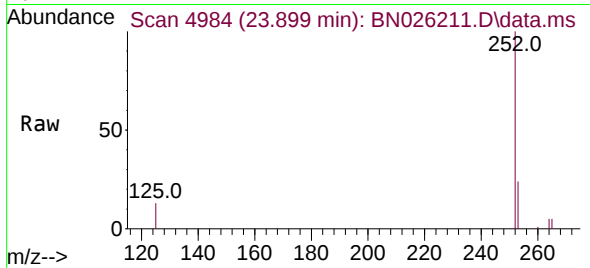
Tgt Ion:252 Resp: 131064
Ion Ratio Lower Upper
252 100
253 25.1 23.2 34.8
125 17.0 15.0 22.4





#26
Benzo(a)pyrene
Concen: 4.345 ng/ul
RT: 23.899 min Scan# 4984
Delta R.T. 0.014 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

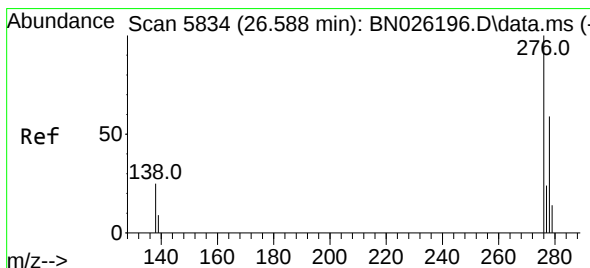
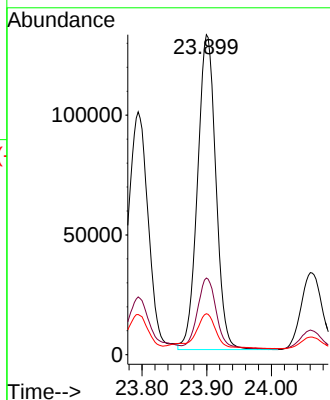
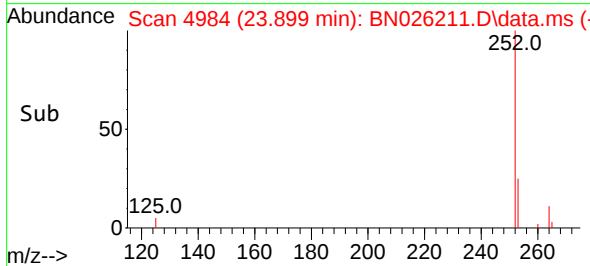
Instrument :
BNA_N
ClientSampleId :
DCGF6



Tgt Ion:252 Resp: 258499
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0
125 12.8 17.3 25.9

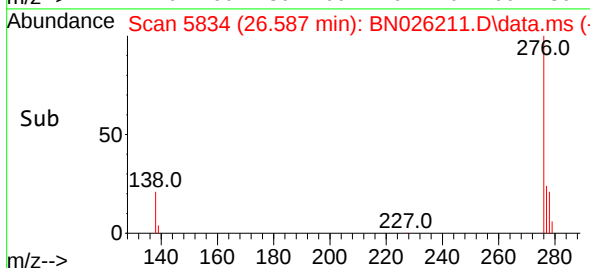
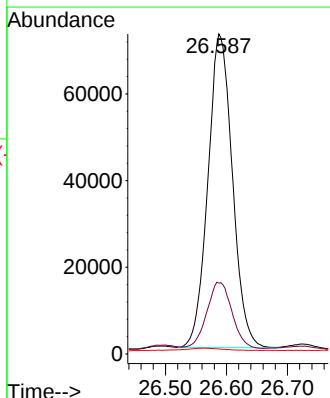
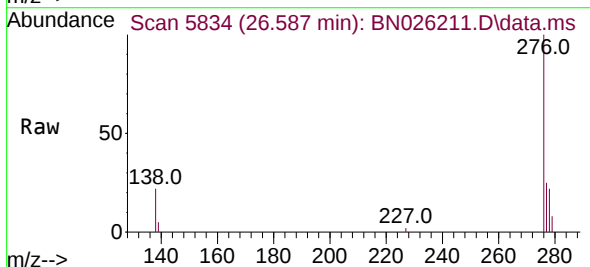
Manual Integrations
APPROVED

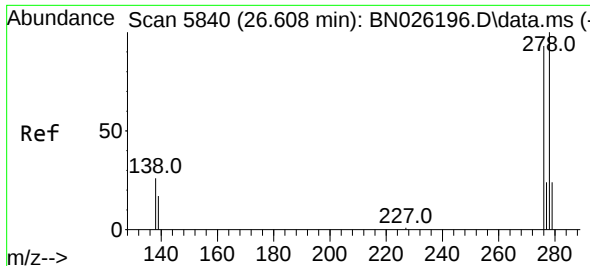
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.103 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. 0.029 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

Tgt Ion:276 Resp: 201688
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7
227 0.0 0.0 0.0





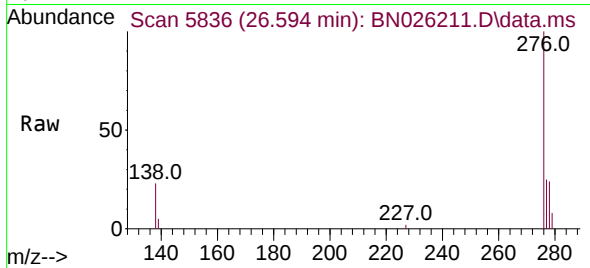
#28
Dibenzo(a,h)anthracene
Concen: 1.070 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. 0.016 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11

Instrument :

BNA_N

ClientSampleId :

DCGF6

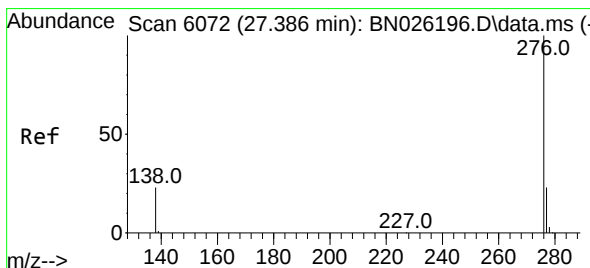
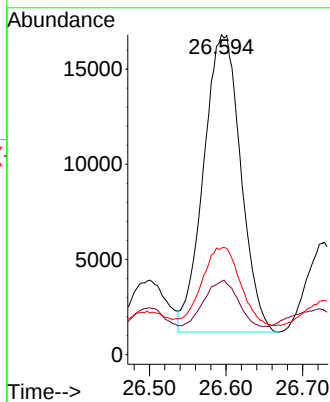
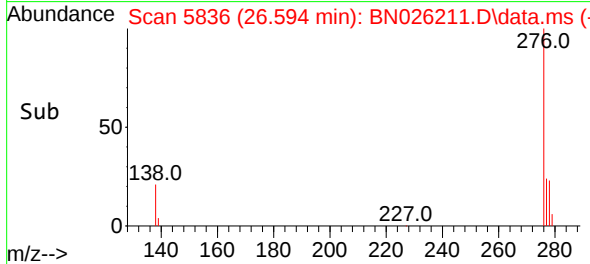


Tgt Ion:278 Resp: 52609
Ion Ratio Lower Upper
278 100
139 23.0 19.0 28.4
279 33.3 26.7 40.1

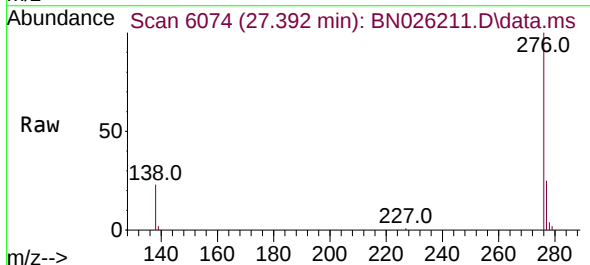
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.420 ng/ul
RT: 27.392 min Scan# 6074
Delta R.T. 0.046 min
Lab File: BN026211.D
Acq: 03 Jul 2023 05:11



Tgt Ion:276 Resp: 197721
Ion Ratio Lower Upper
276 100
138 23.3 23.4 35.0#
277 24.8 20.0 30.0

