

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026207.D
 Acq On : 03 Jul 2023 02:46
 Operator : MA/JU
 Sample : 03244-13
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF2

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 06:29:11 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	7405	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	23080	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14101	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	27847	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	14385	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	16051	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	45947	5.510	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	13954	0.393	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	25583	0.467	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	16485	0.249	ng/ul	98
7) 2-Methylnaphthalene	12.425	142	6423	0.152	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	3887	0.089	ng/ul	100
10) Acenaphthylene	14.320	152	29470	0.446	ng/ul	99
11) Acenaphthene	14.658	153	4573	0.085	ng/ul	97
12) Fluorene	15.648	166	4434	0.072	ng/ul#	98
15) Phenanthrene	17.389	178	100303	1.090	ng/ul	100
16) Anthracene	17.478	178	39969	0.489	ng/ul	98
19) Fluoranthene	19.405	202	275382	3.584	ng/ul	96
20) Pyrene	19.768	202	242849m	3.039	ng/ul	
21) Benzo(a)anthracene	21.520	228	142735	2.405	ng/ul#	94
22) Chrysene	21.573	228	181183	2.934	ng/ul#	94
24) Benzo(b)fluoranthene	23.253	252	319953m	4.670	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	111756m	1.624	ng/ul	
26) Benzo(a)pyrene	23.899	252	200365	3.367	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.594	276	167772	2.581	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.594	278	41502	0.844	ng/ul#	90
29) Benzo(g,h,i)perylene	27.389	276	163165	2.822	ng/ul	95

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

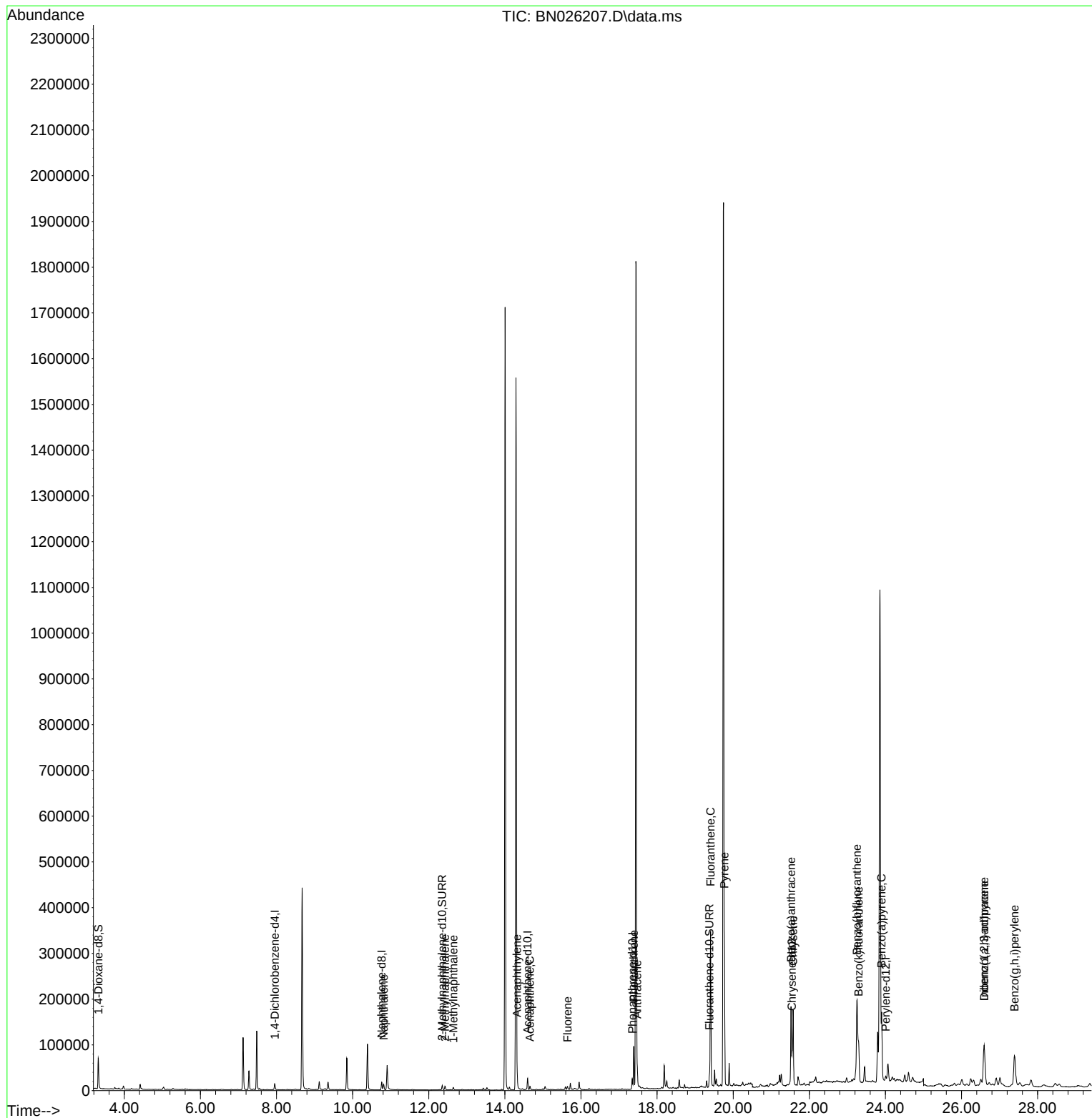
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026207.D
Acq On : 03 Jul 2023 02:46
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ALS Vial : 64 Sample Multiplier: 1

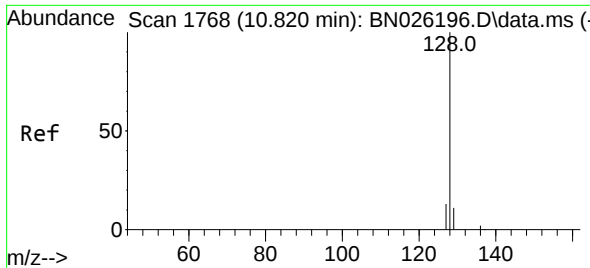
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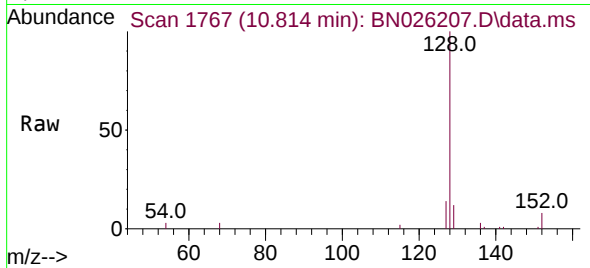
Quant Time: Jul 03 06:29:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.249 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

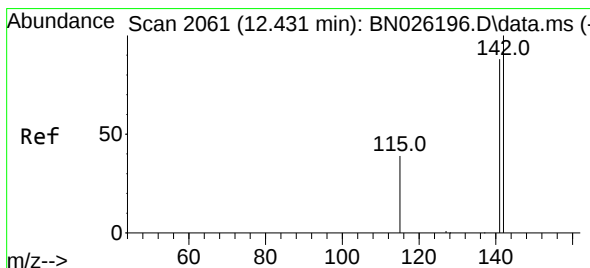
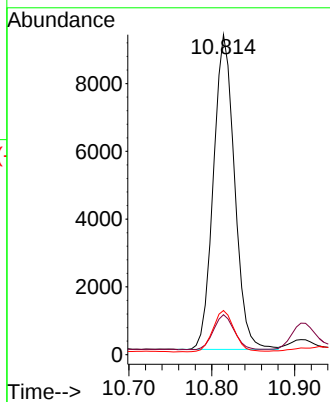
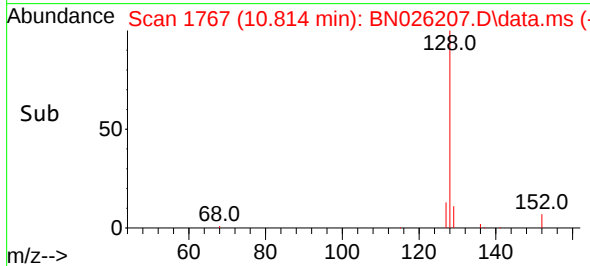
Instrument :
BNA_N
ClientSampleId :
DCGF2



Tgt Ion:128 Resp: 1648
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 13.8 10.7 16.1

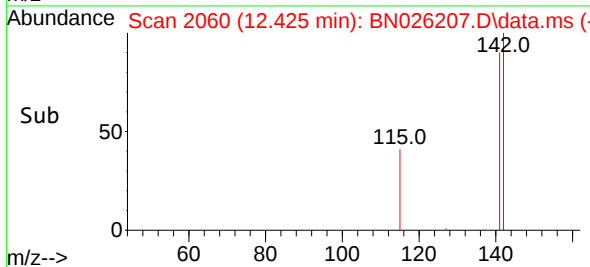
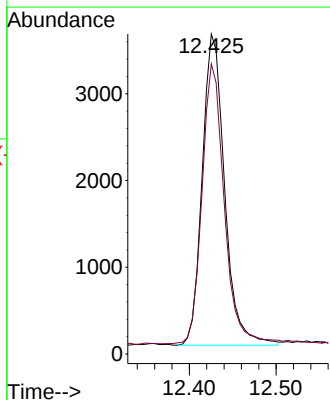
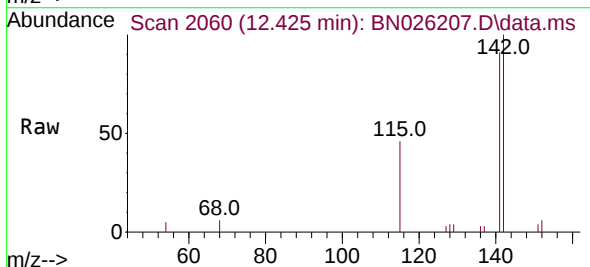
Manual Integrations
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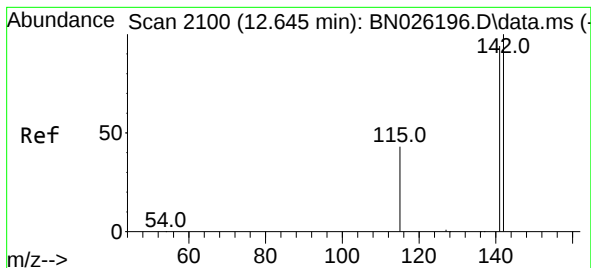
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

Tgt Ion:142 Resp: 6423
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.089 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

Instrument :

BNA_N

ClientSampleId :

DCGF2

Tgt Ion:142 Resp: 388

Ion Ratio Lower Upper

142 100

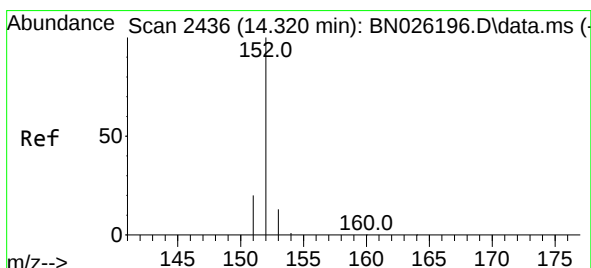
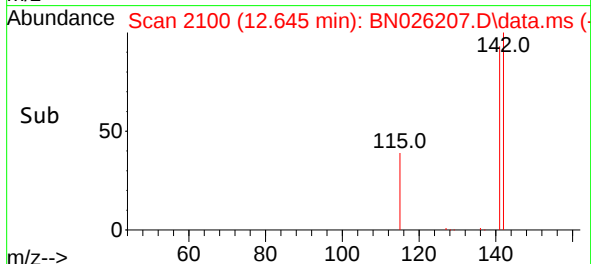
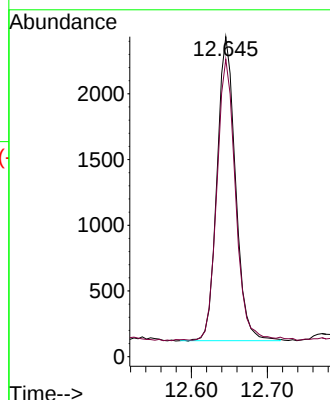
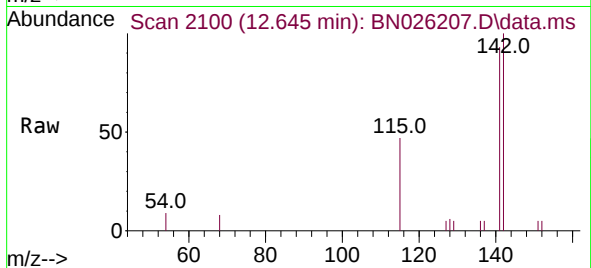
141 93.2 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :Sohil Jodhani 07/04/2023



#10

Acenaphthylene

Concen: 0.446 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

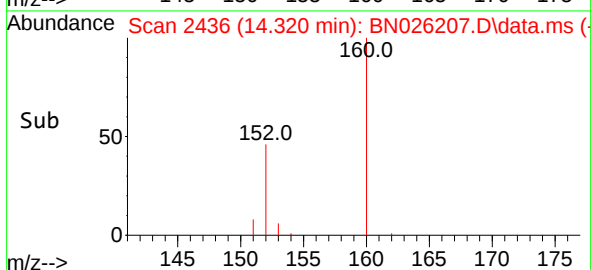
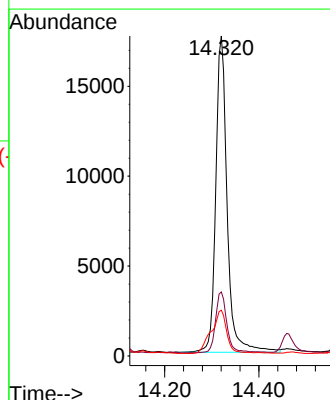
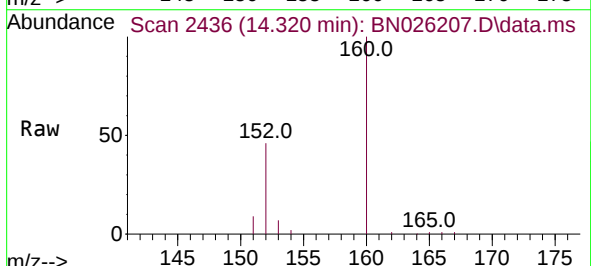
Tgt Ion:152 Resp: 29470

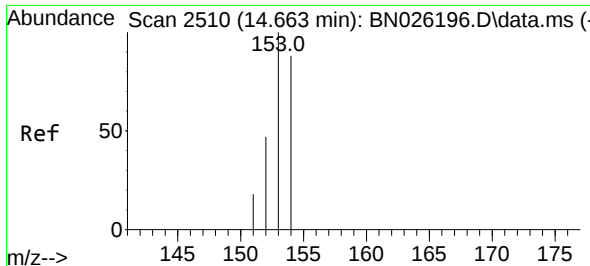
Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

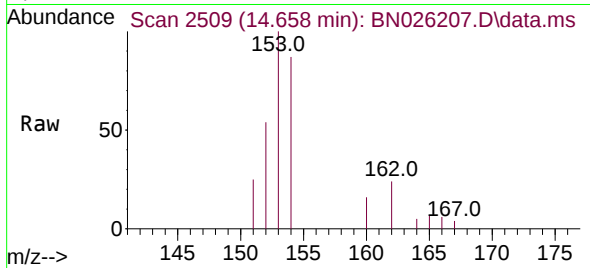
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.085 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

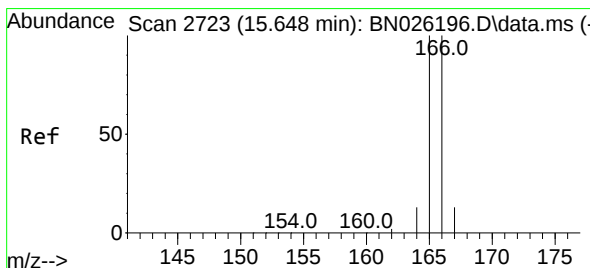
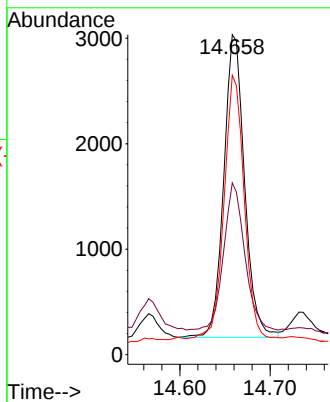
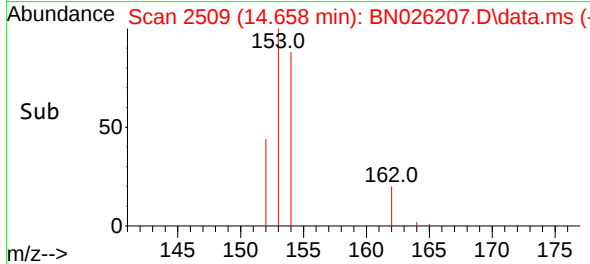
Instrument :
BNA_N
ClientSampleId :
DCGF2



Tgt Ion:153 Resp: 457
Ion Ratio Lower Upper
153 100
152 53.7 39.4 59.0
154 87.3 68.9 103.3

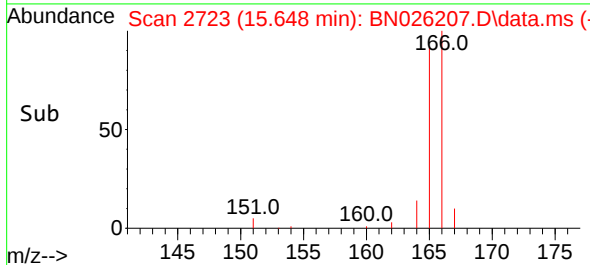
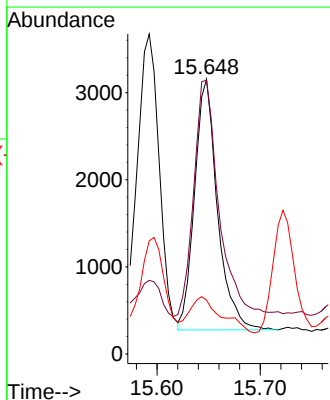
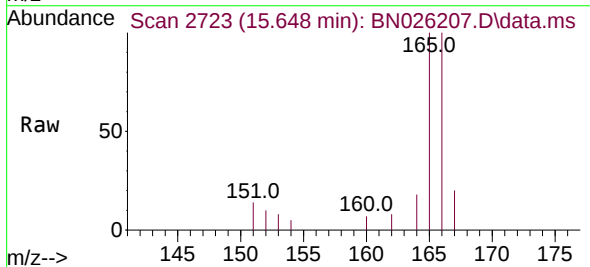
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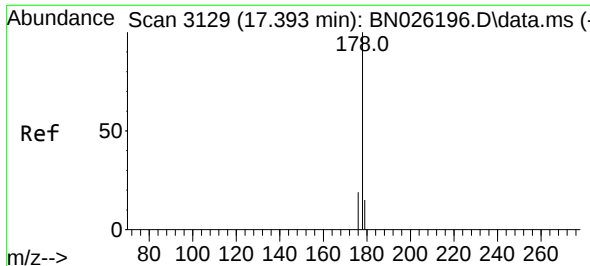
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.072 ng/u1
RT: 15.648 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

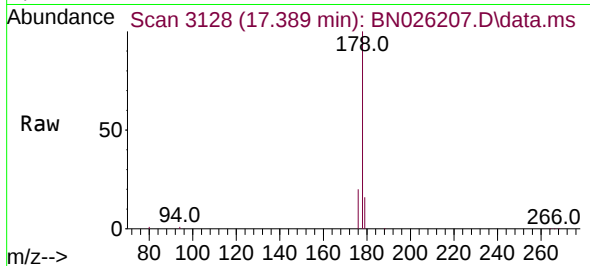
Tgt Ion:166 Resp: 4434
Ion Ratio Lower Upper
166 100
165 99.7 79.9 119.9
167 19.6 10.8 16.2#





#15
Phenanthrene
Concen: 1.090 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

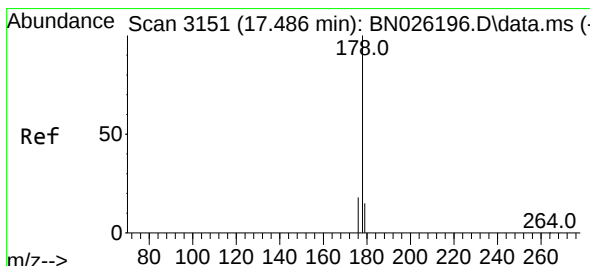
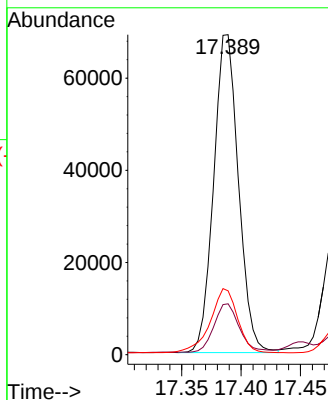
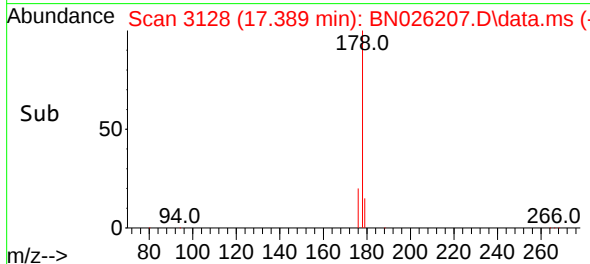
Instrument :
BNA_N
ClientSampleId :
DCGF2



Tgt Ion:178 Resp: 10030
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.0 15.8 23.6

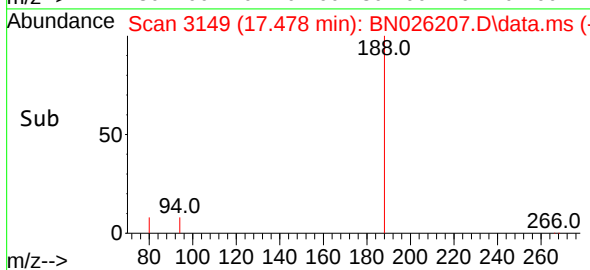
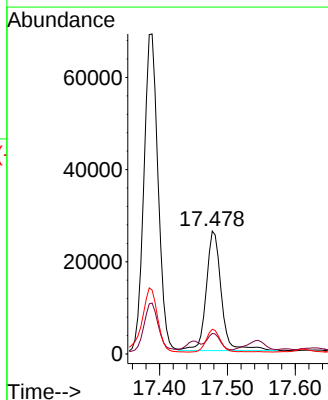
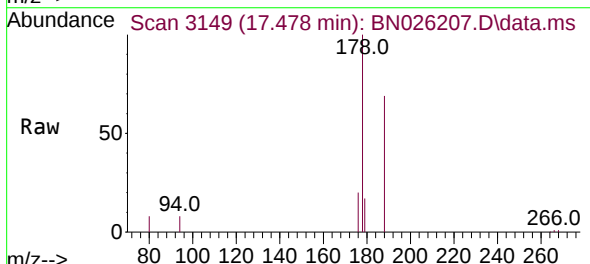
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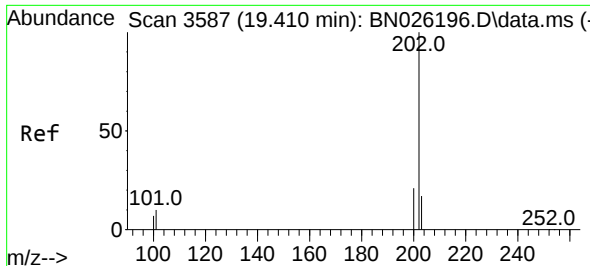
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.489 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

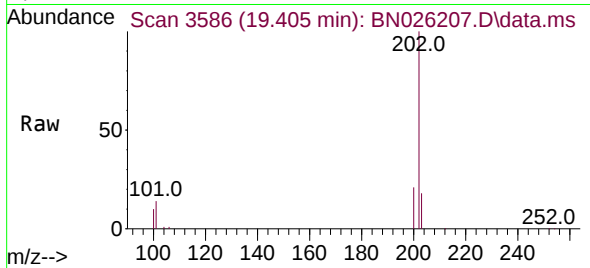
Tgt Ion:178 Resp: 39969
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 20.0 15.1 22.7





#19
Fluoranthene
Concen: 3.584 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

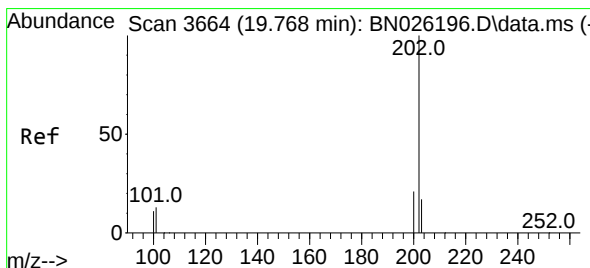
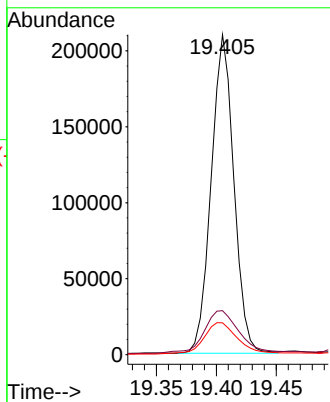
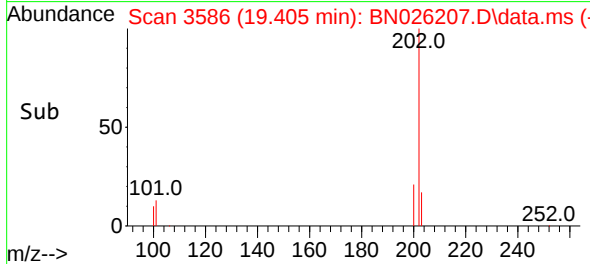
Instrument :
BNA_N
ClientSampleId :
DCGF2



Tgt Ion:202 Resp: 275382
Ion Ratio Lower Upper
202 100
101 13.8 9.5 14.3
100 9.9 7.3 10.9

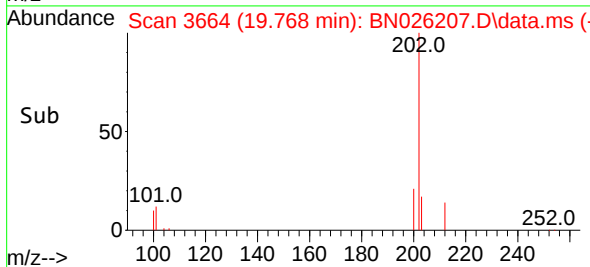
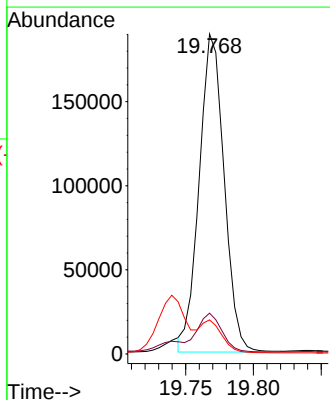
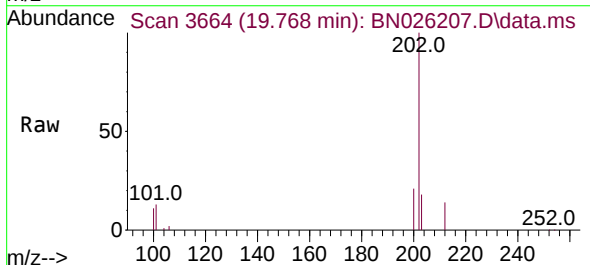
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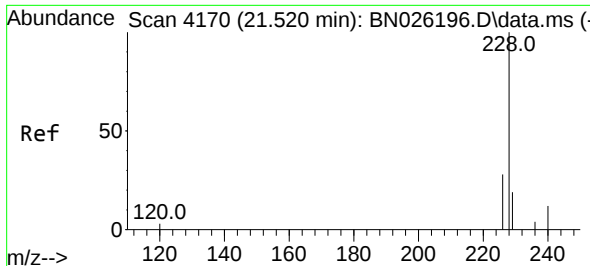
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 3.039 ng/ul m
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

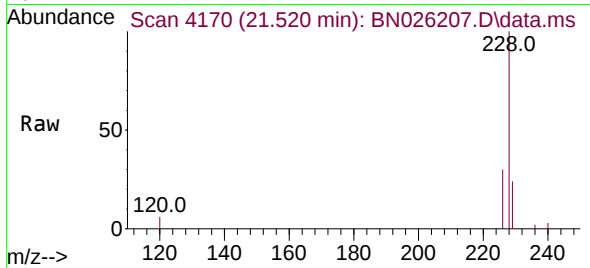
Tgt Ion:202 Resp: 242849
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.405 ng/u1
RT: 21.520 min Scan# 4170
Delta R.T. -0.007 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

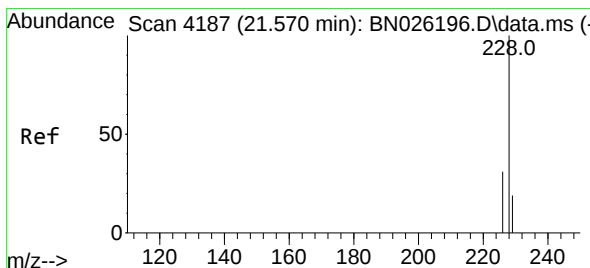
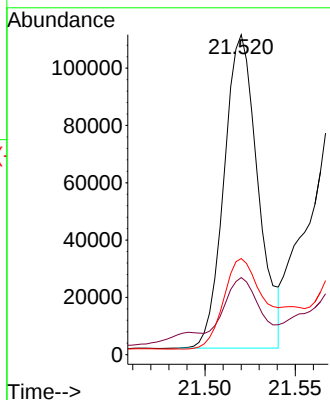
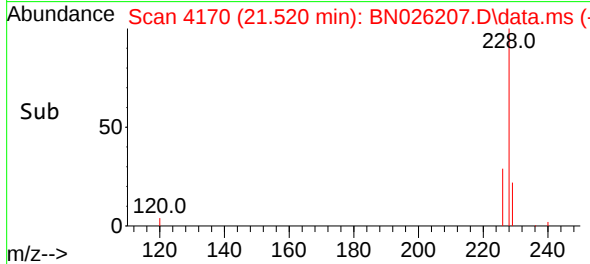
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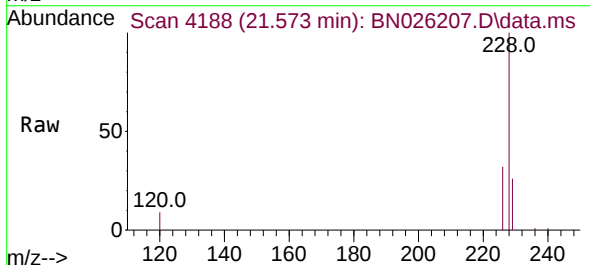
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Ion Ratio Lower Upper
228 100
229 24.1 15.8 23.6
226 30.1 22.5 33.7

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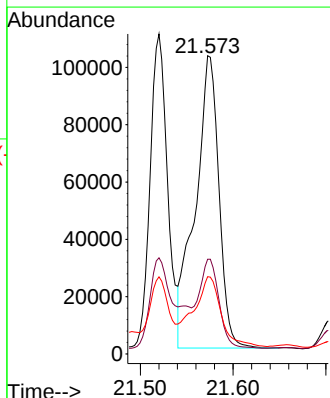
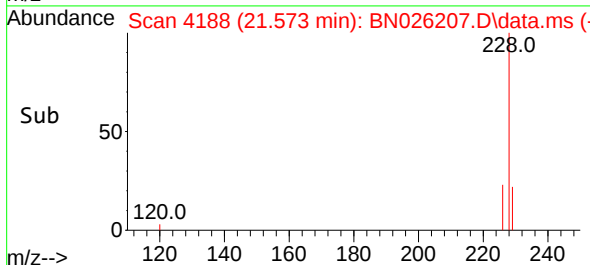
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

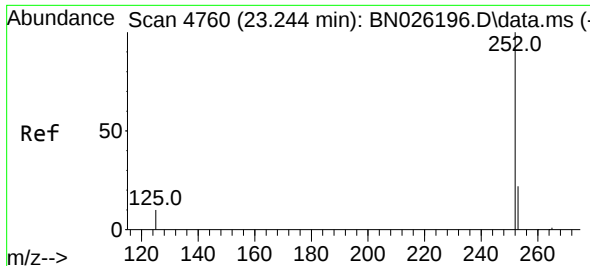


#22
Chrysene
Concen: 2.934 ng/u1
RT: 21.573 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46



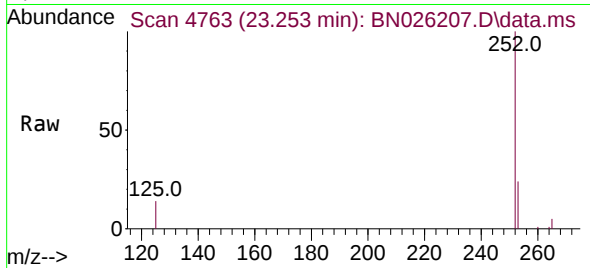
Tgt Ion:228 Resp: 181183
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 25.9 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 4.670 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.011 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

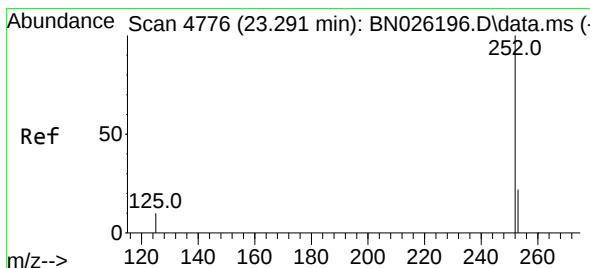
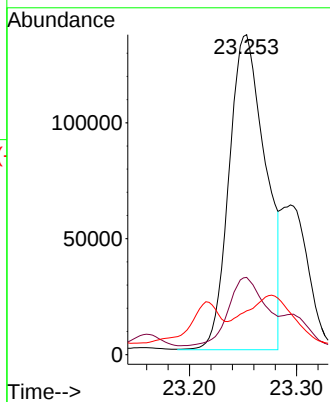
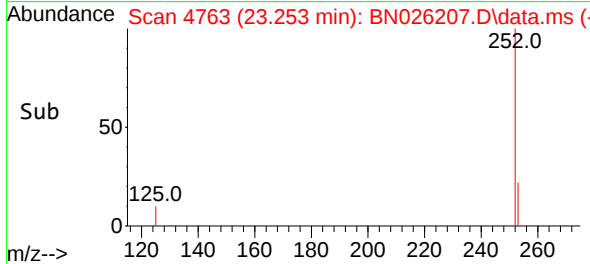
Instrument :
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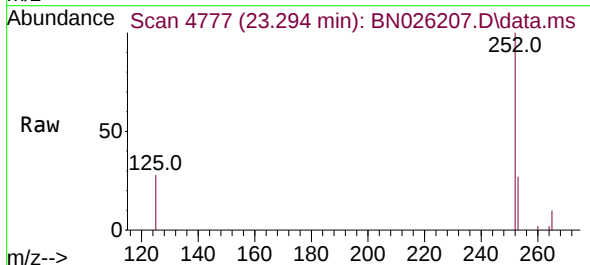
Tgt Ion:252 Resp: 31995
Ion Ratio Lower Upper
252 100
253 24.2 0.0 55.6
125 13.7 0.0 35.8

Manual Integrations
APPROVED

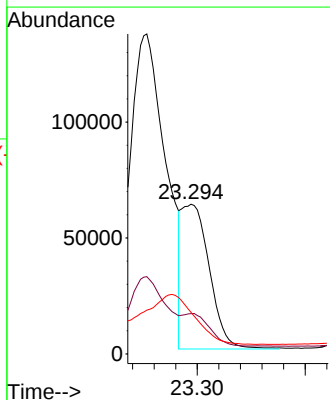
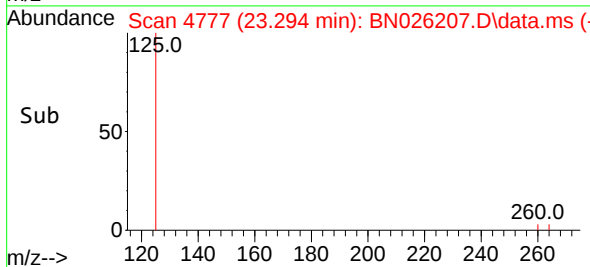
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

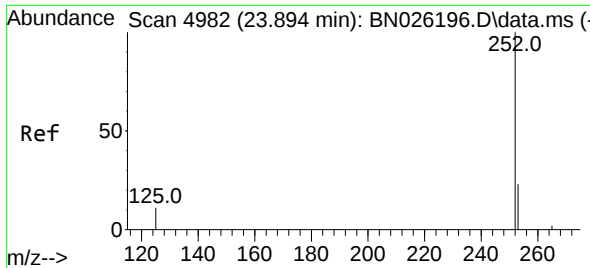


#25
Benzo(k)fluoranthene
Concen: 1.624 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. 0.002 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46



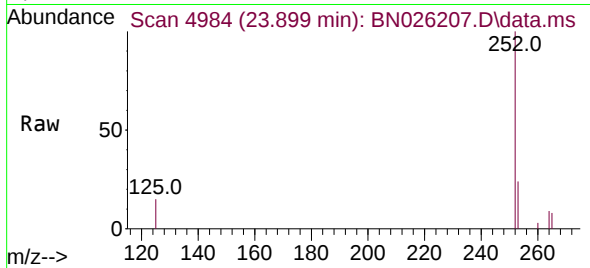
Tgt Ion:252 Resp: 111756
Ion Ratio Lower Upper
252 100
253 26.9 23.2 34.8
125 27.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 3.367 ng/ul
RT: 23.899 min Scan# 4984
Delta R.T. 0.014 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

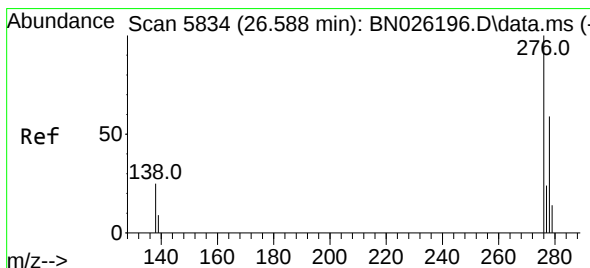
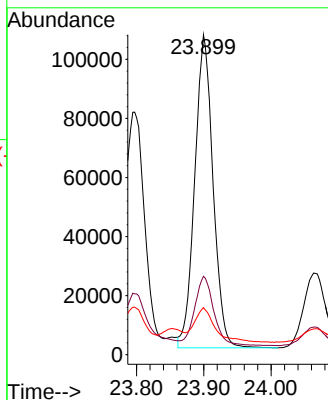
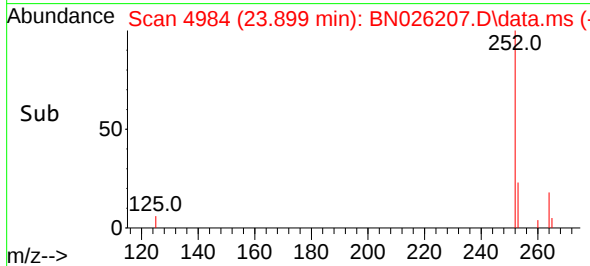
Instrument :
BNA_N
ClientSampleId :
DCGF2



Tgt Ion:252 Resp: 200365
Ion Ratio Lower Upper
252 100
253 24.5 26.0 39.0
125 14.7 17.3 25.9

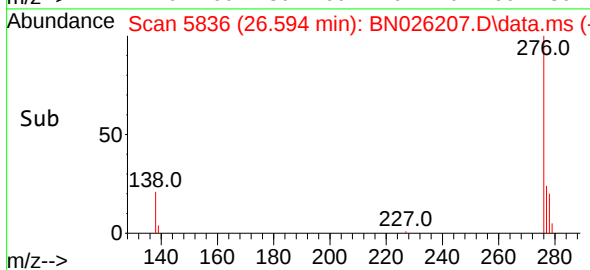
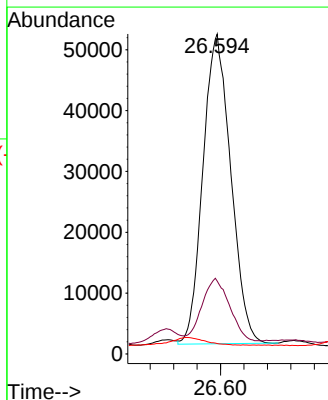
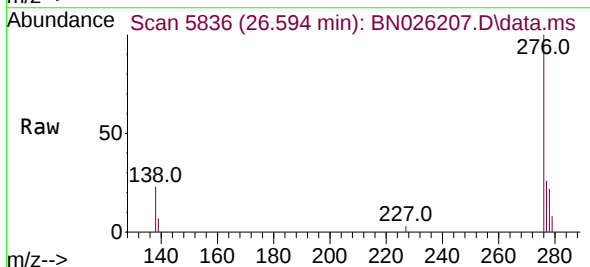
Manual Integrations
APPROVED

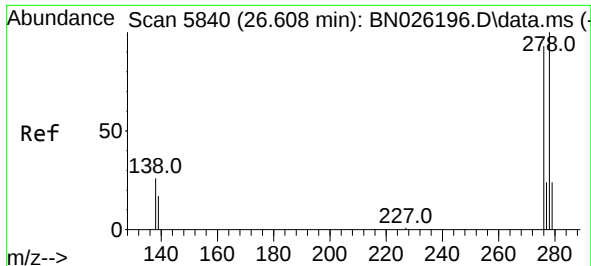
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.581 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. 0.036 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

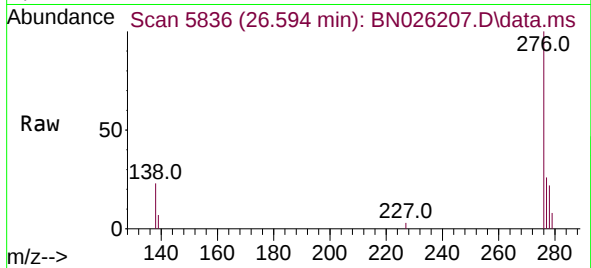
Tgt Ion:276 Resp: 167772
Ion Ratio Lower Upper
276 100
138 22.1 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.844 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. 0.016 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

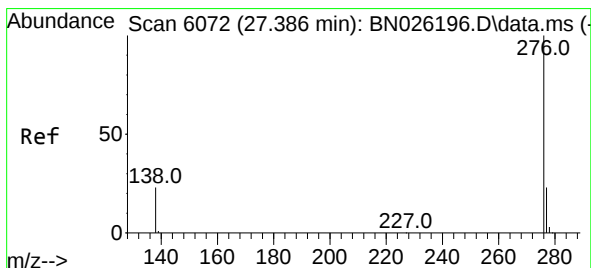
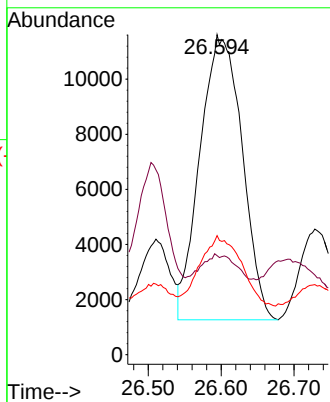
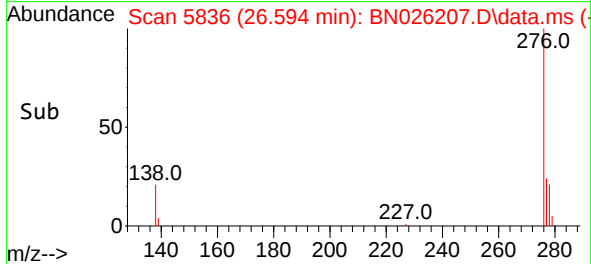
Instrument :
BNA_N
ClientSampleId :
DCGF2



Tgt Ion:278 Resp: 41502
Ion Ratio Lower Upper
278 100
139 31.0 19.0 28.4
279 37.2 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: 2.822 ng/ul
RT: 27.389 min Scan# 6073
Delta R.T. 0.043 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

Tgt Ion:276 Resp: 163165
Ion Ratio Lower Upper
276 100
138 24.9 23.4 35.0
277 25.8 20.0 30.0

