

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026215.D
 Acq On : 03 Jul 2023 08:12
 Operator : MA/JU
 Sample : 03244-18
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF7

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 08:44:19 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	7795	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	24759	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.594	164	14947	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	30630	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	17118	0.400	ng/ul	0.00
23) Perylene-d12	23.994	264	17959	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	25579	2.914	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.348	152	8077	0.212	ng/ul	-0.02
18) Fluoranthene-d10	19.374	212	16499	0.253	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.809	128	8295	0.117	ng/ul	96
7) 2-Methylnaphthalene	12.425	142	6194	0.137	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	3678	0.079	ng/ul	98
10) Acenaphthylene	14.317	152	10455	0.149	ng/ul	96
11) Acenaphthene	14.654	153	5518	0.096	ng/ul	98
12) Fluorene	15.644	166	5046	0.077	ng/ul#	97
15) Phenanthrene	17.381	178	137108	1.355	ng/ul	100
16) Anthracene	17.474	178	39625	0.441	ng/ul	99
19) Fluoranthene	19.401	202	450136	4.923	ng/ul	100
20) Pyrene	19.769	202	335870m	3.532	ng/ul	
21) Benzo(a)anthracene	21.521	228	171060	2.422	ng/ul	98
22) Chrysene	21.576	228	172355	2.346	ng/ul	98
24) Benzo(b)fluoranthene	23.248	252	236965m	3.091	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	75146m	0.976	ng/ul	
26) Benzo(a)pyrene	23.889	252	138457	2.080	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.558	276	108814	1.496	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.568	278	27706	0.503	ng/ul	93
29) Benzo(g,h,i)perylene	27.360	276	105435	1.630	ng/ul	95

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

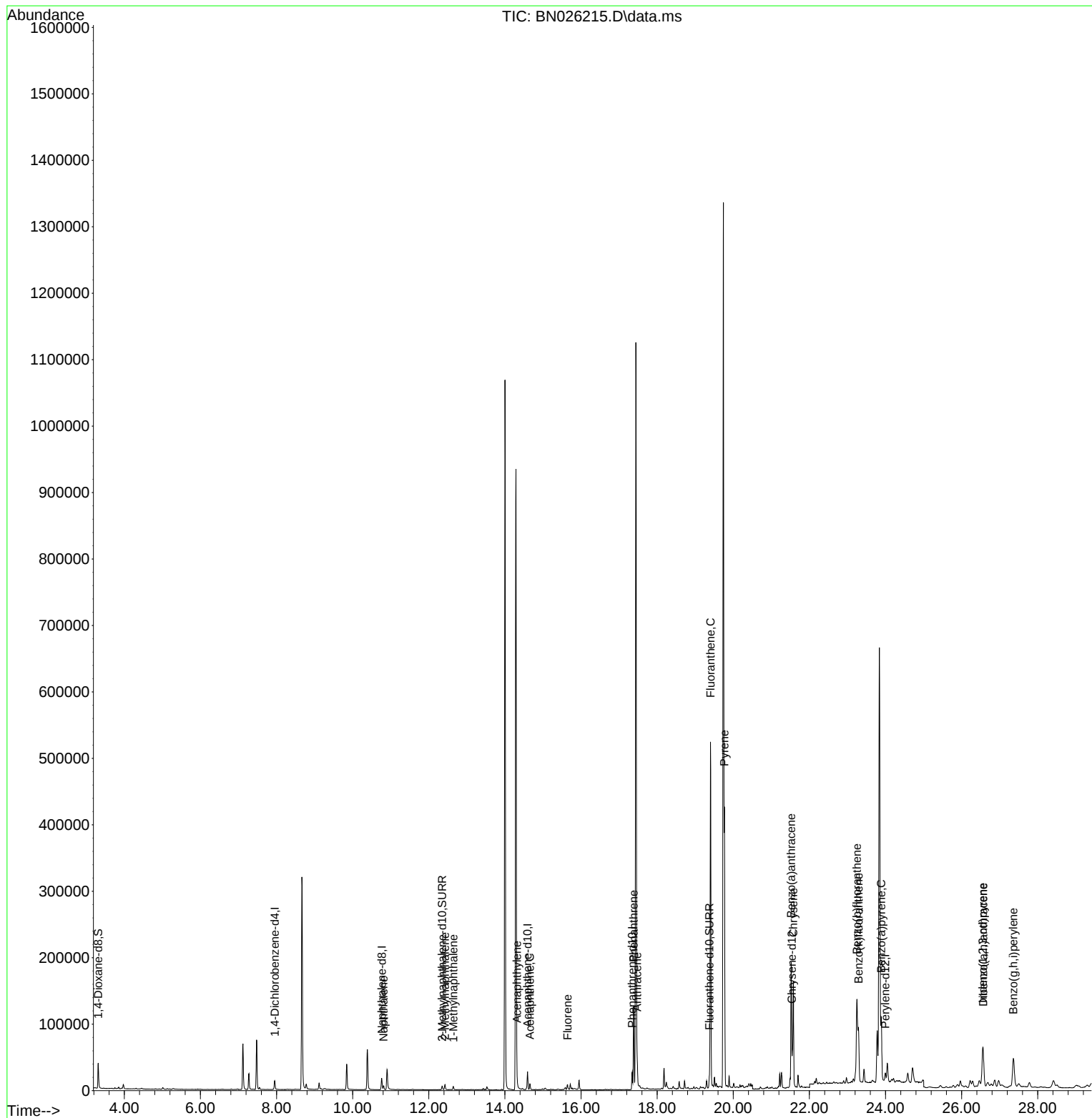
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026215.D
Acq On : 03 Jul 2023 08:12
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ALS Vial : 72 Sample Multiplier: 1

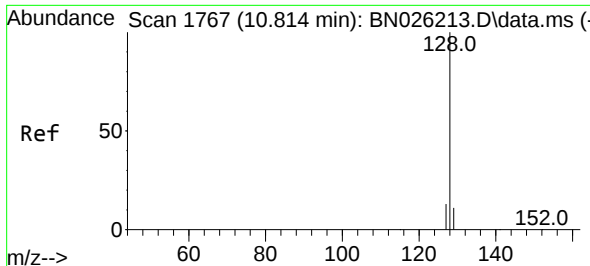
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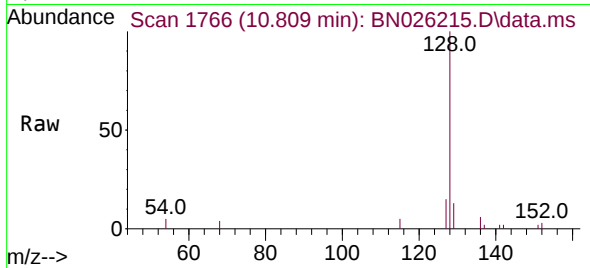
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.117 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.016 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

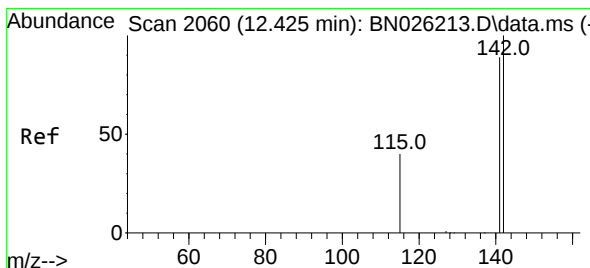
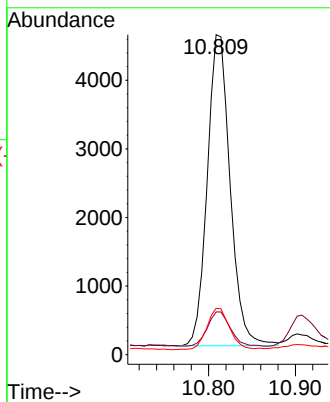
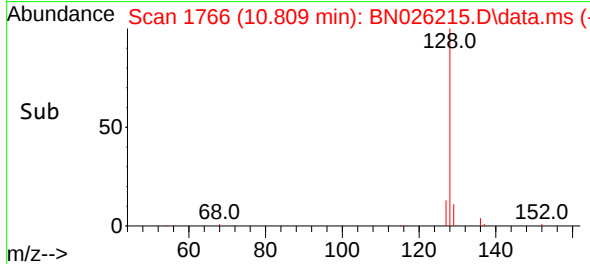
Instrument :
BNA_N
ClientSampleId :
DCGF7



Tgt Ion:128 Resp: 829
Ion Ratio Lower Upper
128 100
129 13.4 9.1 13.7
127 14.5 10.7 16.1

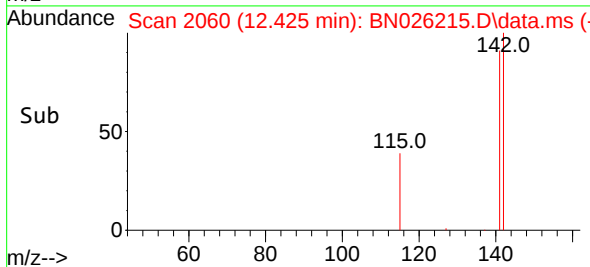
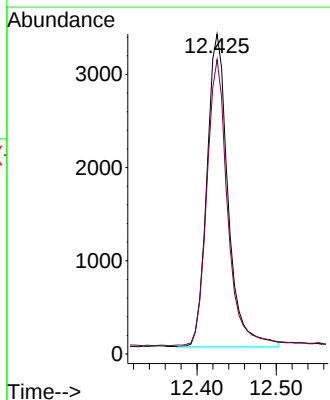
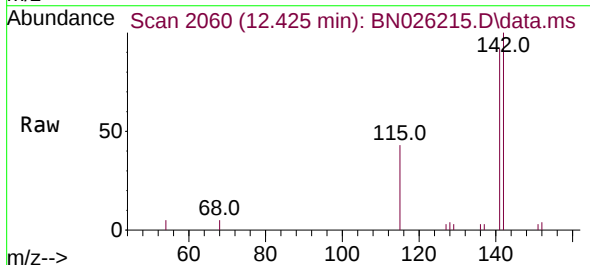
Manual Integrations
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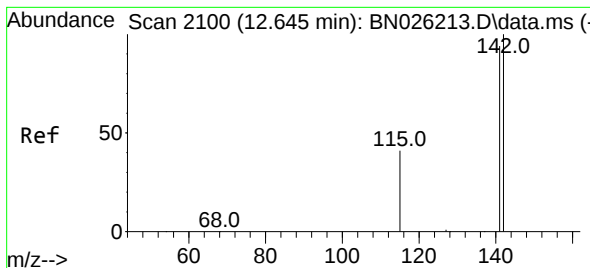
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.137 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

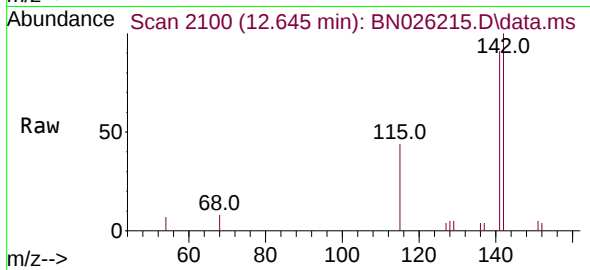
Tgt Ion:142 Resp: 6194
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

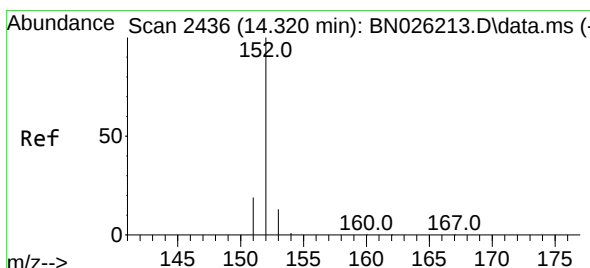
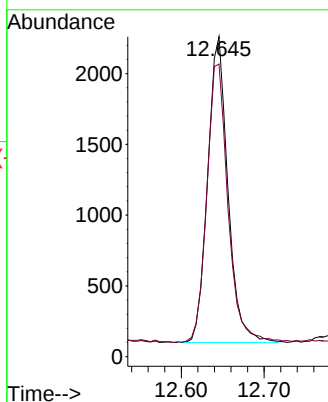
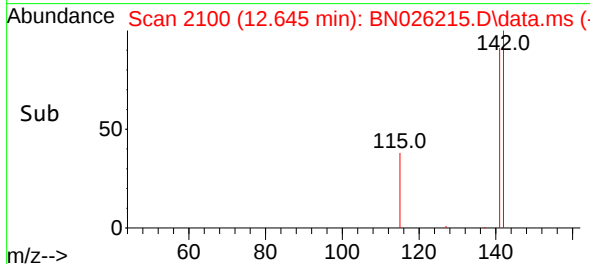
Instrument :
BNA_N
ClientSampleId :
DCGF7



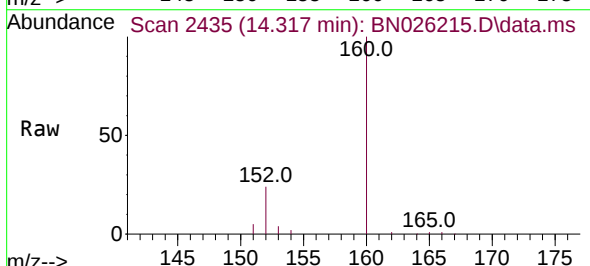
Tgt Ion:142 Resp: 3678
Ion Ratio Lower Upper
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141 94.5 74.2 111.4

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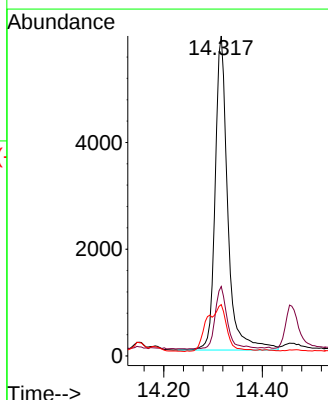
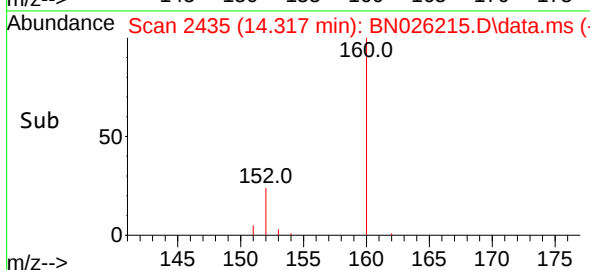
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

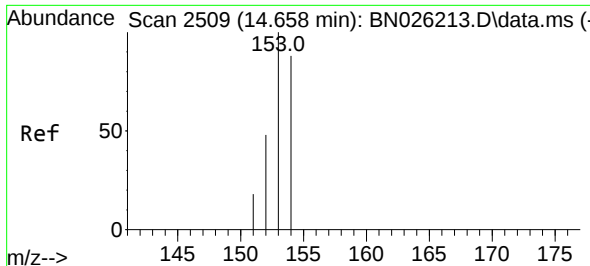


#10
Acenaphthylene
Concen: 0.149 ng/ul
RT: 14.317 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12



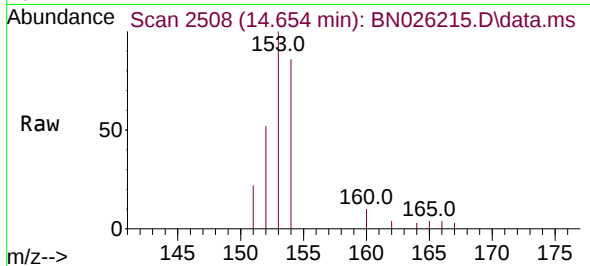
Tgt Ion:152 Resp: 10455
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4
153 16.0 10.9 16.3





#11
Acenaphthene
Concen: 0.096 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. -0.014 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

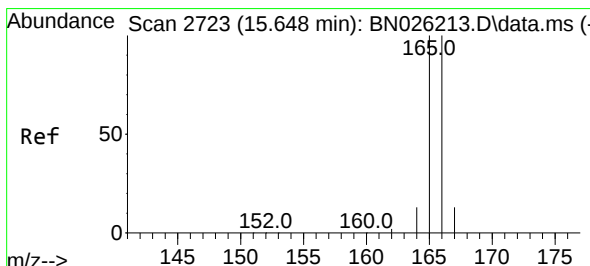
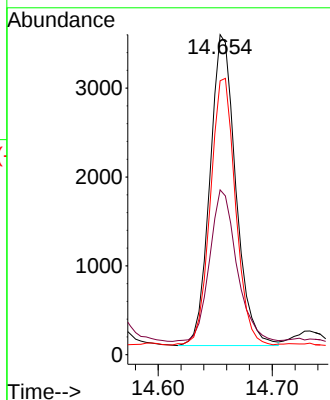
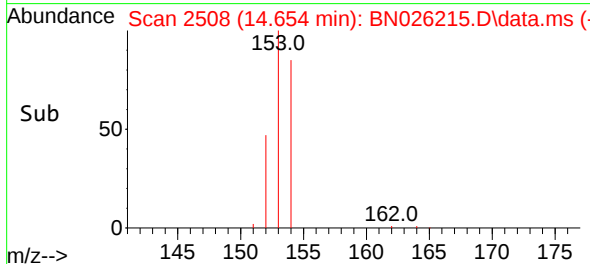
Instrument :
BNA_N
ClientSampleId :
DCGF7



Tgt Ion:153 Resp: 5518
Ion Ratio Lower Upper
153 100
152 51.5 39.4 59.0
154 85.6 68.9 103.3

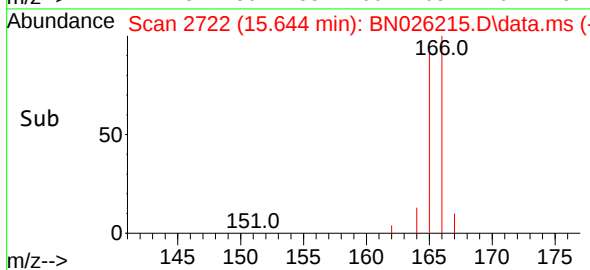
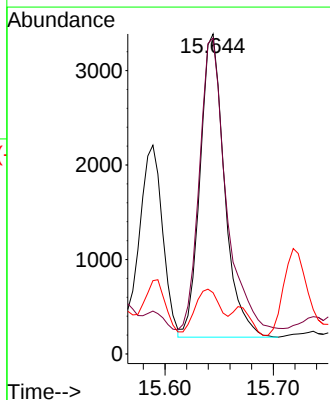
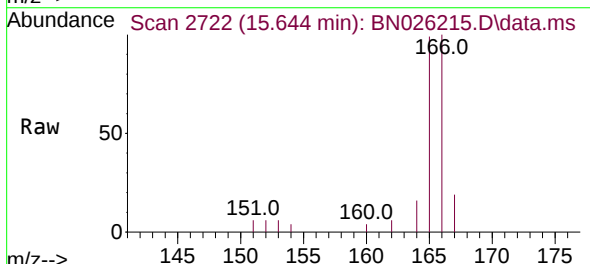
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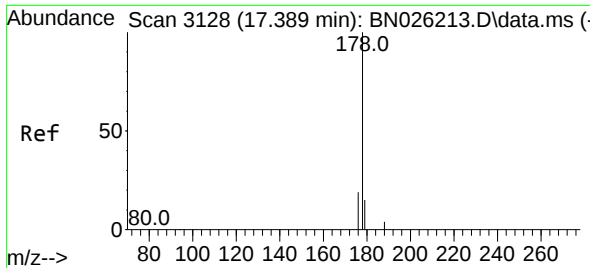
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

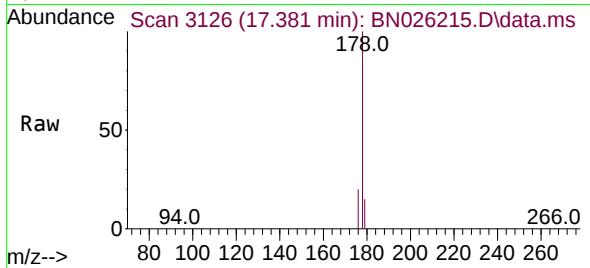
Tgt Ion:166 Resp: 5046
Ion Ratio Lower Upper
166 100
165 98.7 79.9 119.9
167 19.2 10.8 16.2#





#15
Phenanthrene
Concen: 1.355 ng/ul
RT: 17.381 min Scan# 3128
Delta R.T. -0.013 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

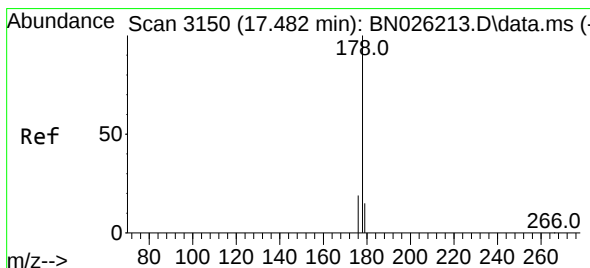
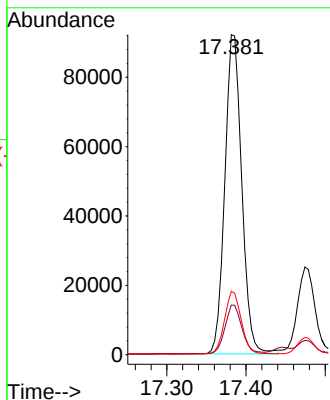
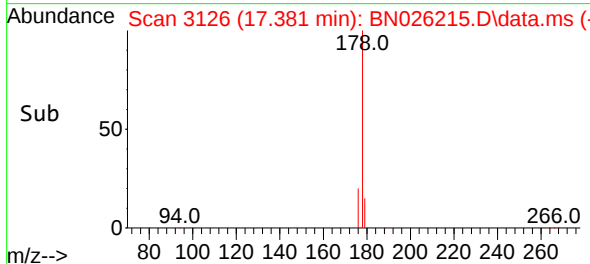
Instrument :
BNA_N
ClientSampleId :
DCGF7



Tgt Ion:178 Resp: 137108
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.8 15.8 23.6

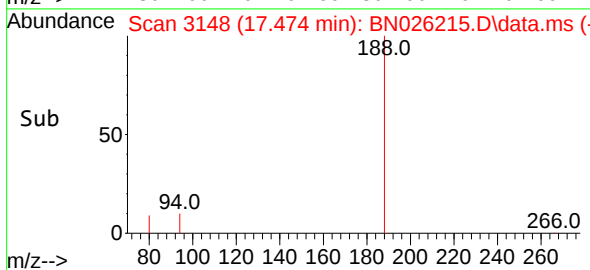
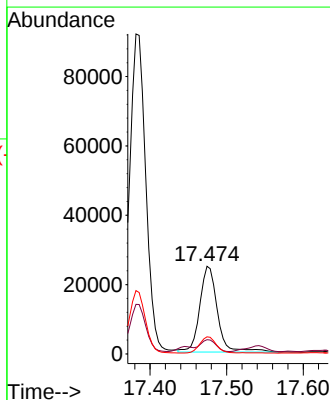
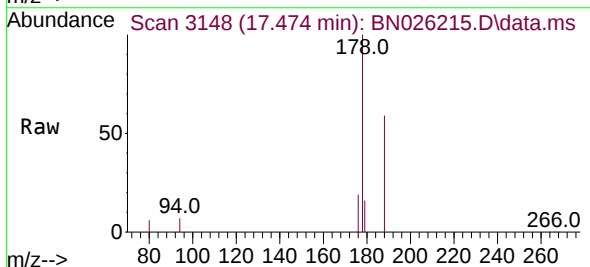
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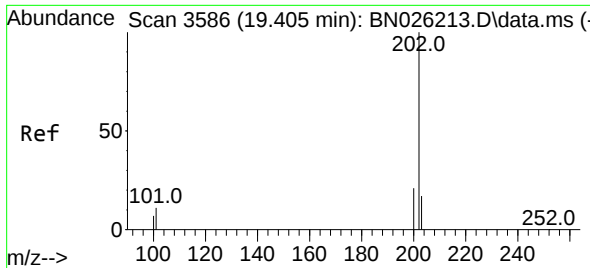
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.441 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.013 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

Tgt Ion:178 Resp: 39625
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.5 15.1 22.7





#19

Fluoranthene

Concen: 4.923 ng/ul

RT: 19.401 min Scan# 3586

Delta R.T. -0.009 min

Lab File: BN026215.D

Acq: 03 Jul 2023 08:12

Instrument :

BNA_N

ClientSampleId :

DCGF7

Tgt Ion:202 Resp: 450130

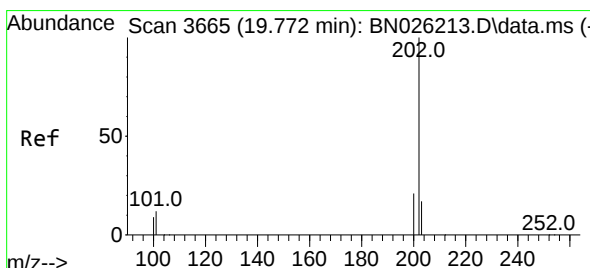
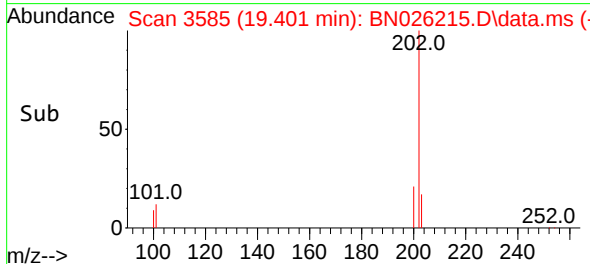
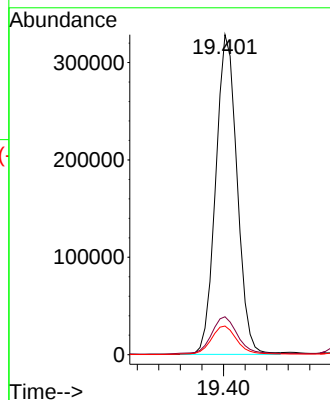
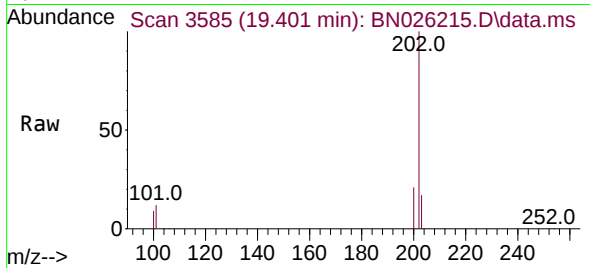
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
100	9.0	7.3	10.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :Sohil Jodhani 07/04/2023



#20

Pyrene

Concen: 3.532 ng/ul m

RT: 19.769 min Scan# 3664

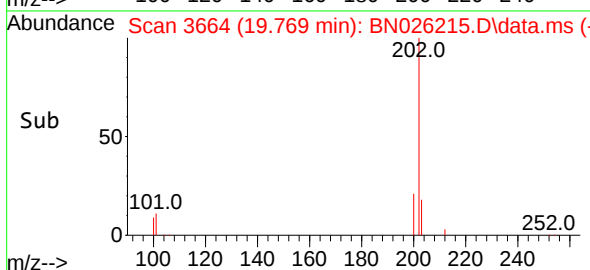
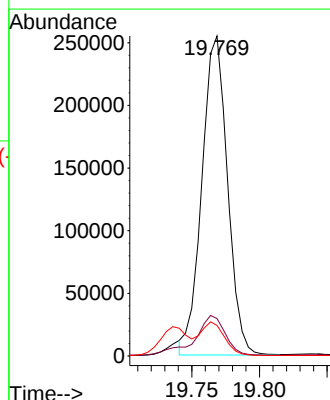
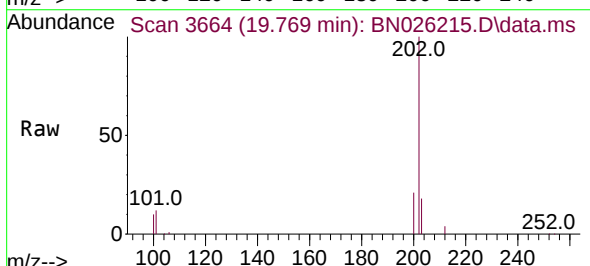
Delta R.T. -0.005 min

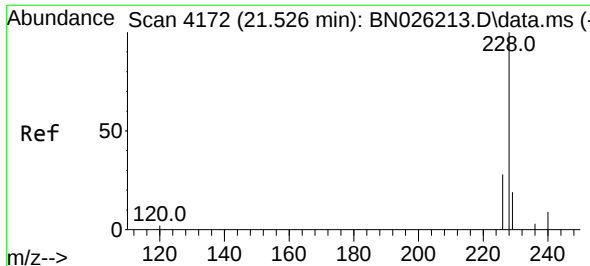
Lab File: BN026215.D

Acq: 03 Jul 2023 08:12

Tgt Ion:202 Resp: 335870

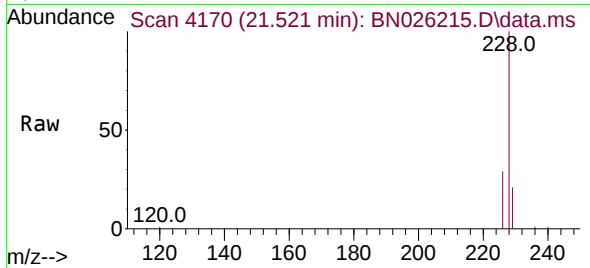
Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.4	17.0
100	9.6	9.1	13.7





#21
Benzo(a)anthracene
Concen: 2.422 ng/ul
RT: 21.521 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

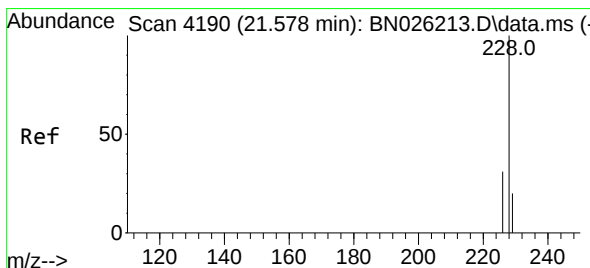
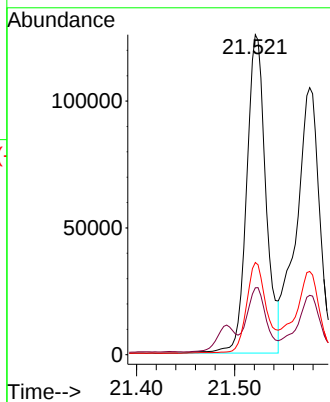
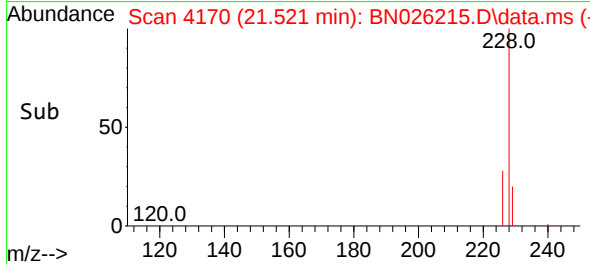
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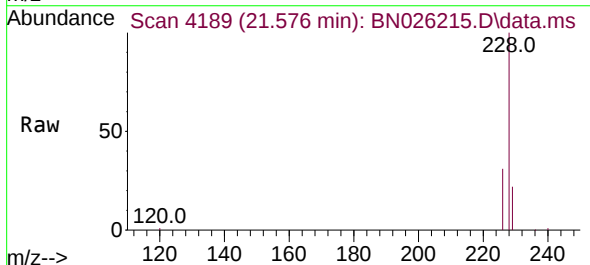
Tgt Ion:228 Resp: 171060
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.8 22.5 33.7

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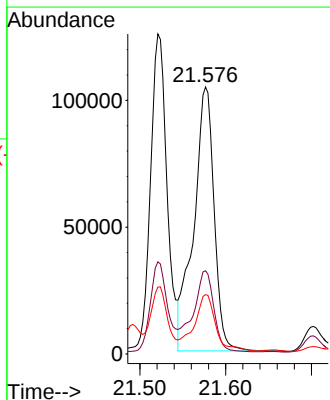
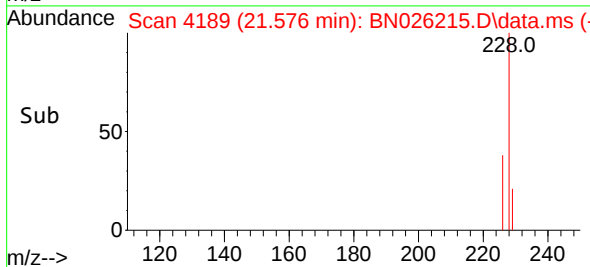
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

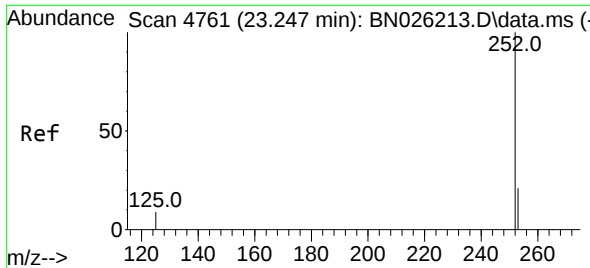


#22
Chrysene
Concen: 2.346 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12



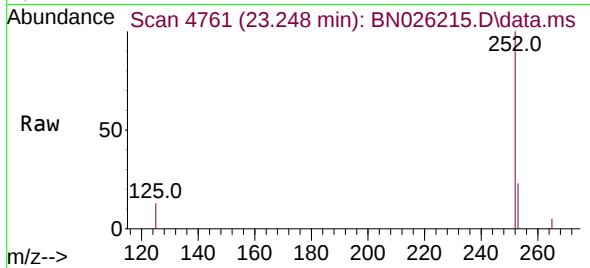
Tgt Ion:228 Resp: 172355
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.091 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. 0.006 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

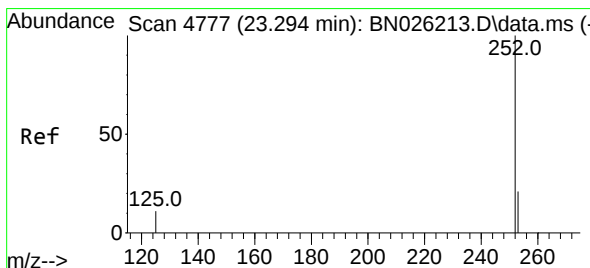
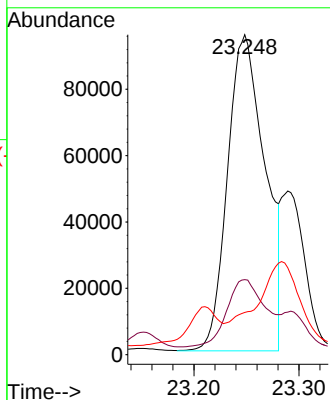
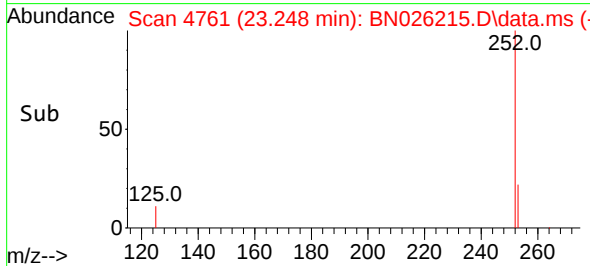
Instrument :
BNA_N
ClientSampleId :
DCGF7



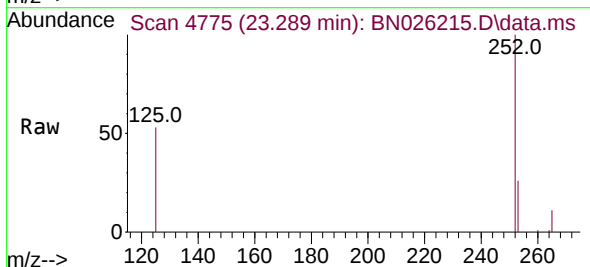
Tgt Ion:252 Resp: 23696
Ion Ratio Lower Upper
252 100
253 23.4 0.0 55.6
125 13.2 0.0 35.8

Manual Integrations
APPROVED

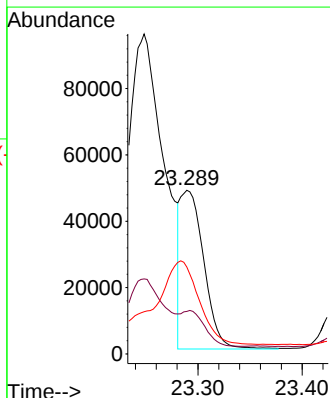
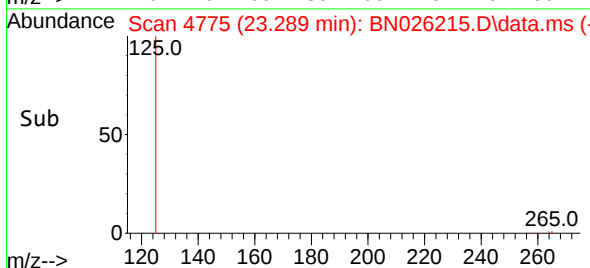
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

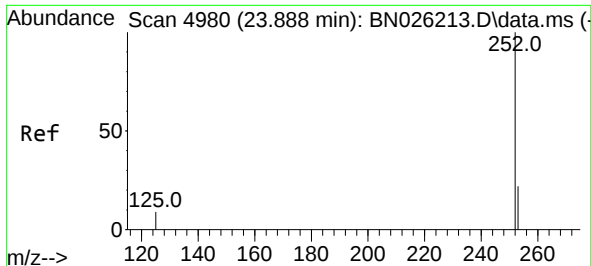


#25
Benzo(k)fluoranthene
Concen: 0.976 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12



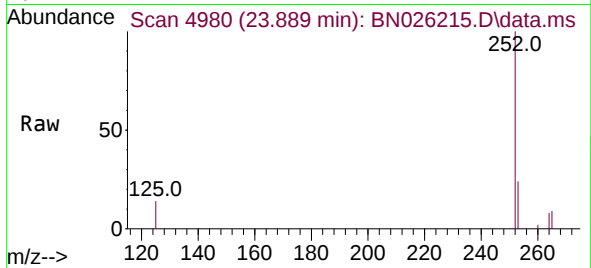
Tgt Ion:252 Resp: 75146
Ion Ratio Lower Upper
252 100
253 26.0 23.2 34.8
125 53.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 2.080 ng/ul
RT: 23.889 min Scan# 4980
Delta R.T. 0.003 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12

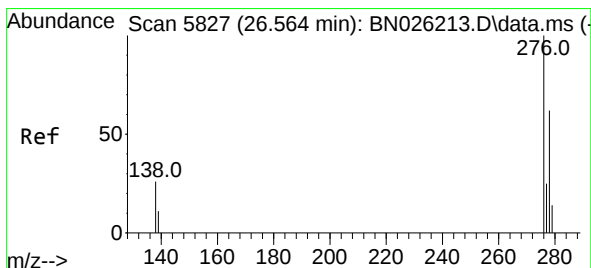
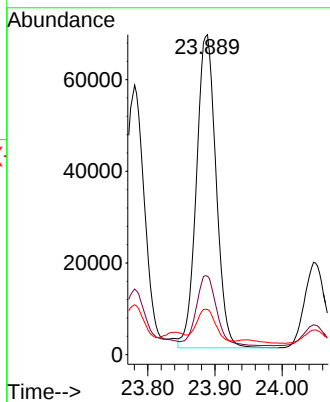
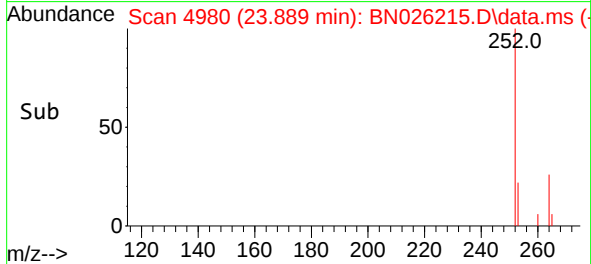
Instrument :
BNA_N
ClientSampleId :
DCGF7



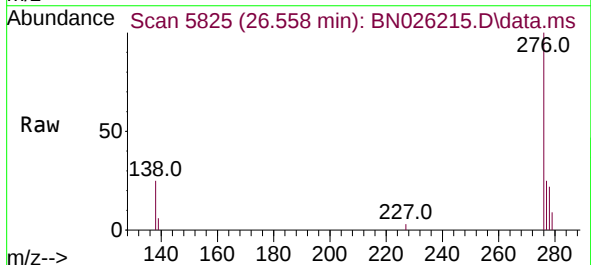
Tgt Ion:252 Resp: 13845
Ion Ratio Lower Upper
252 100
253 24.5 26.0 39.0
125 14.1 17.3 25.9

Manual Integrations
APPROVED

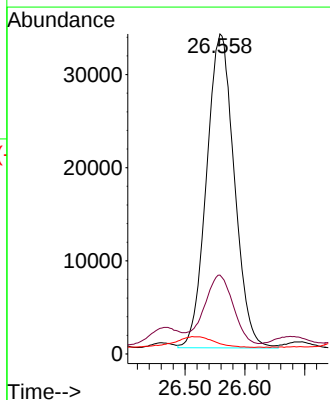
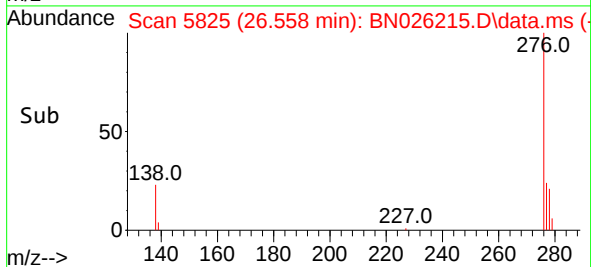
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

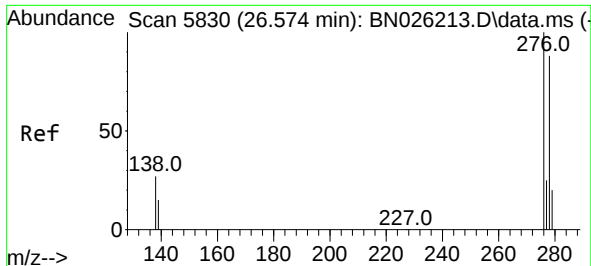


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.496 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BN026215.D
Acq: 03 Jul 2023 08:12



Tgt Ion:276 Resp: 108814
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.503 ng/ul

RT: 26.568 min Scan# 5828

Delta R.T. -0.010 min

Lab File: BN026215.D

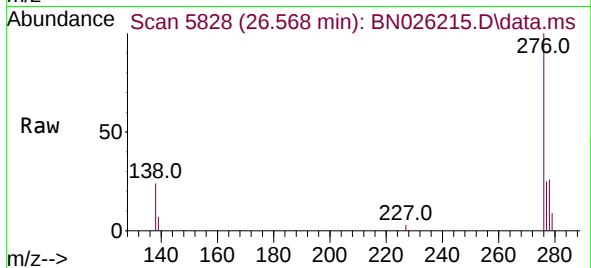
Acq: 03 Jul 2023 08:12

Instrument :

BNA_N

ClientSampleId :

DCGF7



Tgt Ion: 278 Resp: 27700

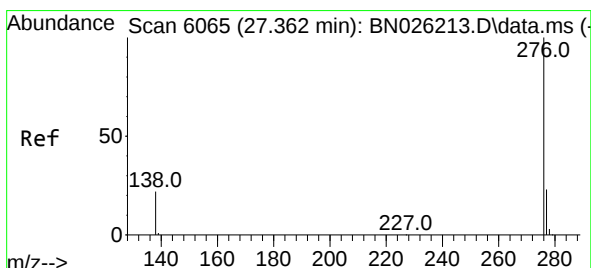
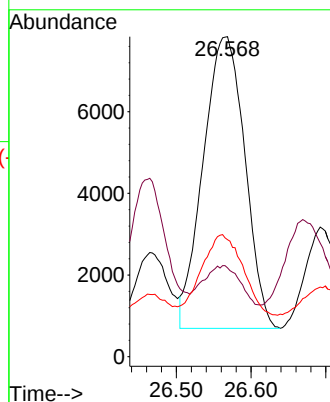
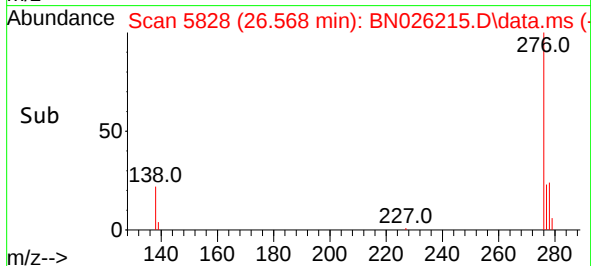
Ion	Ratio	Lower	Upper
278	100		
139	27.7	19.0	28.4
279	36.6	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :Sohil Jodhani 07/04/2023



#29

Benzo(g,h,i)perylene

Concen: 1.630 ng/ul

RT: 27.360 min Scan# 6064

Delta R.T. 0.014 min

Lab File: BN026215.D

Acq: 03 Jul 2023 08:12

Tgt Ion: 276 Resp: 105435

Ion	Ratio	Lower	Upper
276	100		
138	25.1	23.4	35.0
277	24.2	20.0	30.0

