

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026697.D
 Acq On : 24 Jul 2023 04:02
 Operator : MA/JU
 Sample : 03504-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 04:40:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	4591	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.625	136	12745	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.467	164	8068	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	17959	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	9942	0.400	ng/ul	# 0.00
23) Perylene-d12	23.784	264	9079	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	5125	0.848	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	5541	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	10071	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	2789	0.080	ng/ul#	81
7) 2-Methylnaphthalene	12.291	142	909	0.046	ng/ul	86
8) 1-Methylnaphthalene	12.506	142	904	0.043	ng/ul#	71
10) Acenaphthylene	14.185	152	4093	0.104	ng/ul#	90
11) Acenaphthene	14.527	153	3617	0.120	ng/ul	98
12) Fluorene	15.517	166	3621	0.115	ng/ul#	98
15) Phenanthrene	17.253	178	79429	1.389	ng/ul	98
16) Anthracene	17.346	178	7649	0.154	ng/ul	97
19) Fluoranthene	19.274	202	157559	3.381	ng/ul	99
20) Pyrene	19.641	202	105808	2.091	ng/ul	98
21) Benzo(a)anthracene	21.396	228	49264	1.348	ng/ul	98
22) Chrysene	21.449	228	60470	1.454	ng/ul	97
24) Benzo(b)fluoranthene	23.062	252	75568m	2.136	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	25218m	0.680	ng/ul	
26) Benzo(a)pyrene	23.679	252	9867	0.313	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.234	276	28163	0.682	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.241	278	9054	0.286	ng/ul#	73
29) Benzo(g,h,i)perylene	26.992	276	2012	0.055	ng/ul#	28

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

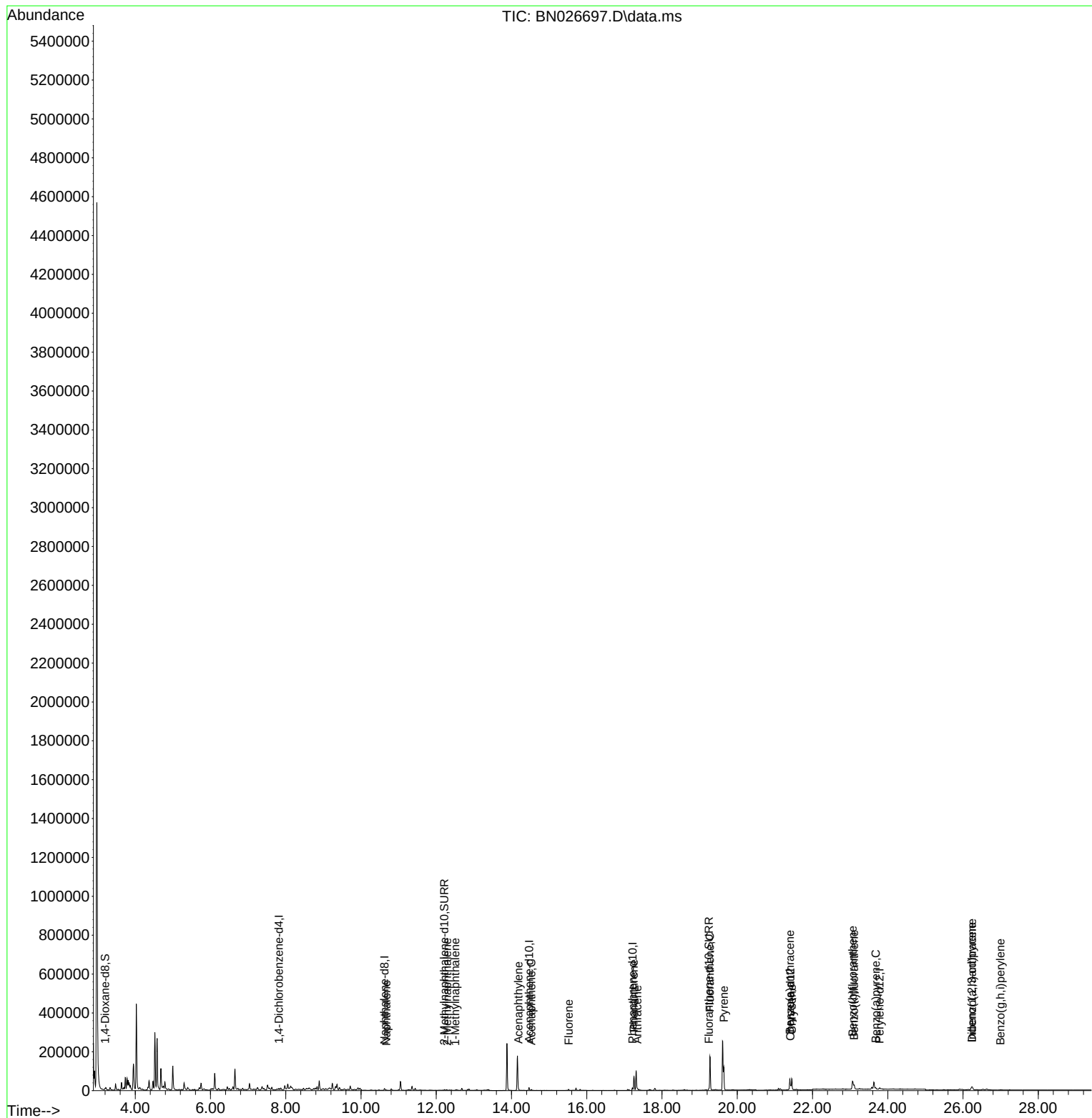
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026697.D
Acq On : 24 Jul 2023 04:02
Operator : MA/JU
Sample : 03504-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

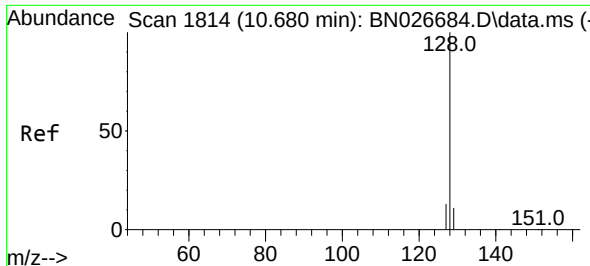
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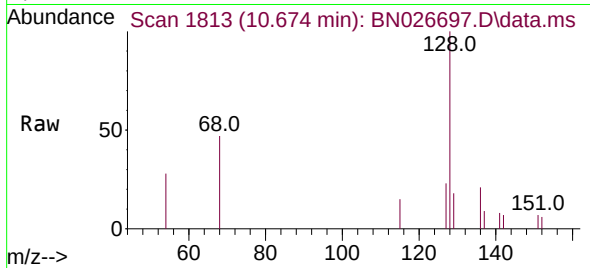
Quant Time: Jul 24 04:40:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.674 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

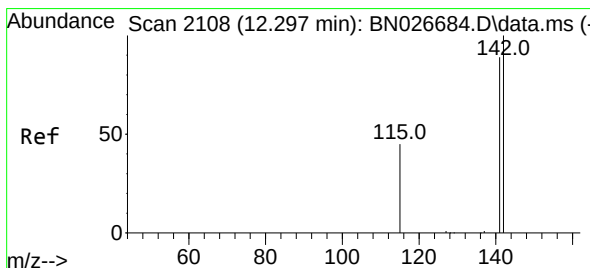
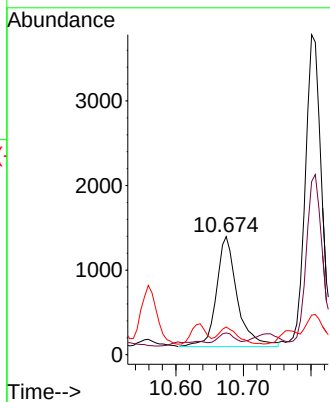
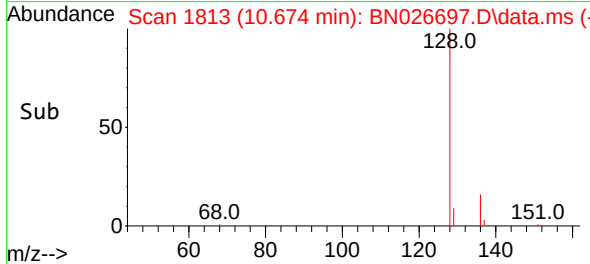
Instrument :
BNA_N
ClientSampleId :
A46W8



Tgt Ion:128 Resp: 2789
Ion Ratio Lower Upper
128 100
129 18.5 10.2 15.2
127 23.5 11.4 17.0

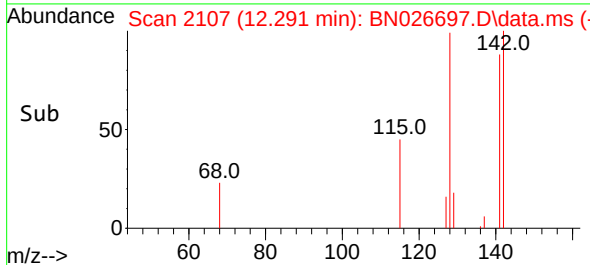
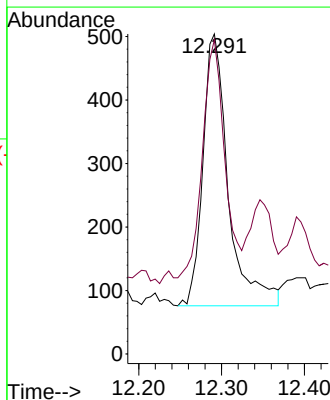
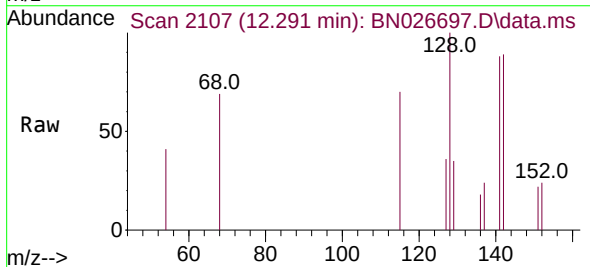
Manual Integrations
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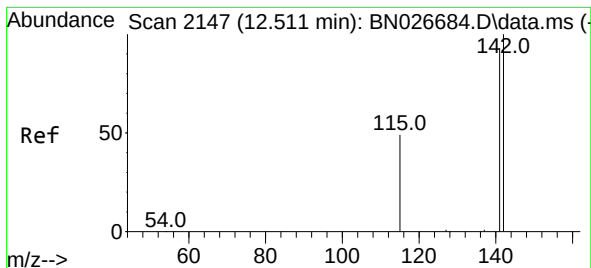
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

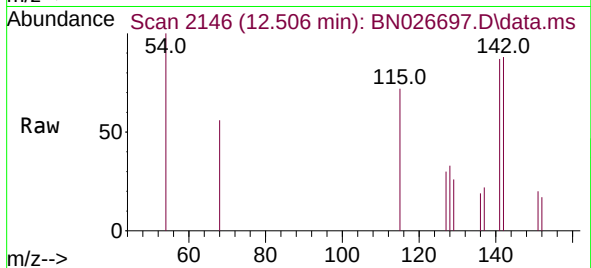
Tgt Ion:142 Resp: 909
Ion Ratio Lower Upper
142 100
141 76.8 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

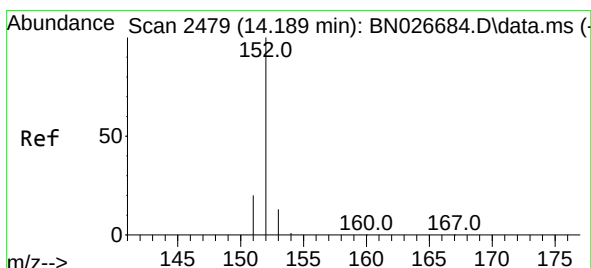
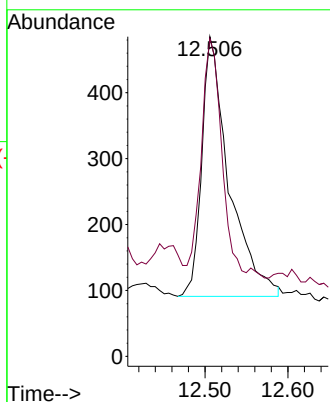
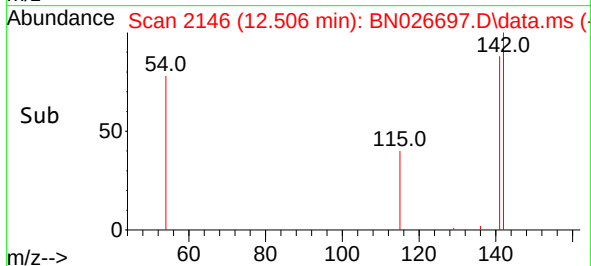
Instrument :
BNA_N
ClientSampleId :
A46W8



Tgt Ion:142 Resp: 904
Ion Ratio Lower Upper
142 100
141 64.9 74.5 111.7

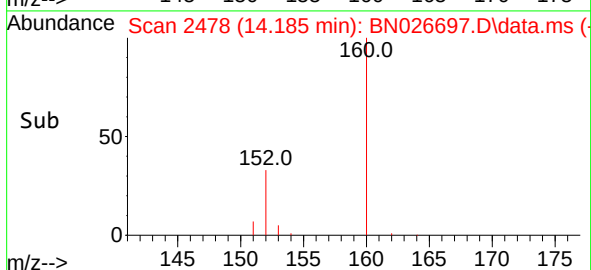
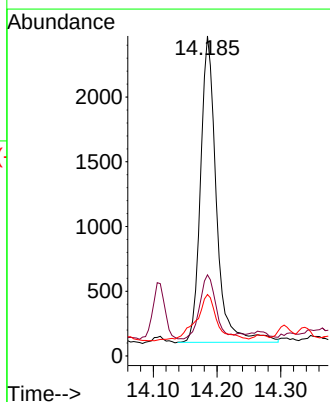
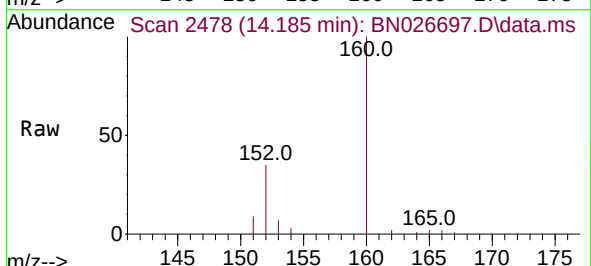
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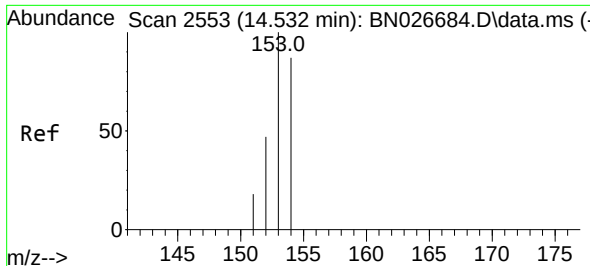
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

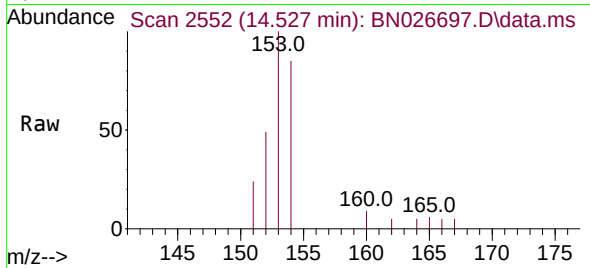
Tgt Ion:152 Resp: 4093
Ion Ratio Lower Upper
152 100
151 25.4 17.0 25.6
153 19.2 11.4 17.2





#11
Acenaphthene
Concen: 0.120 ng/ul
RT: 14.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

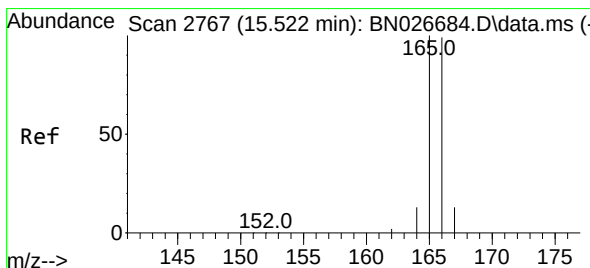
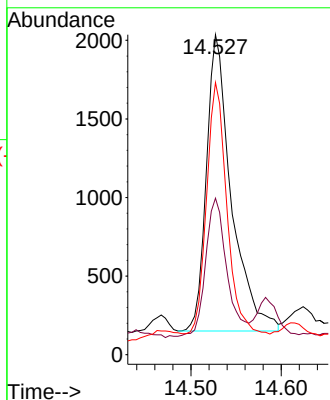
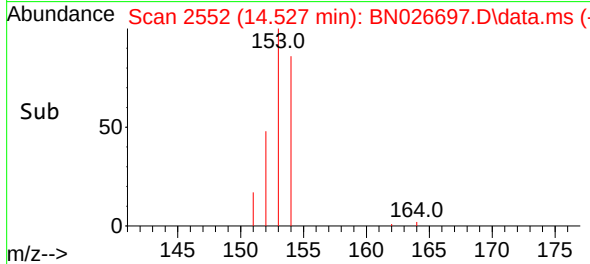
Instrument :
BNA_N
ClientSampleId :
A46W8



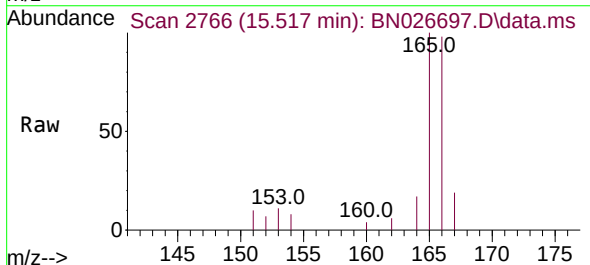
Tgt Ion:153 Resp: 361
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 85.1 69.3 103.9

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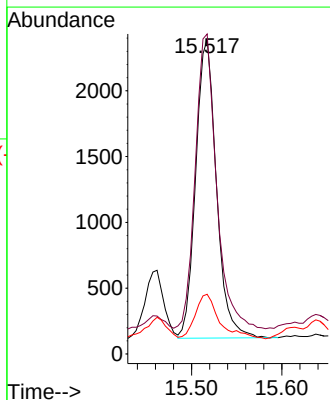
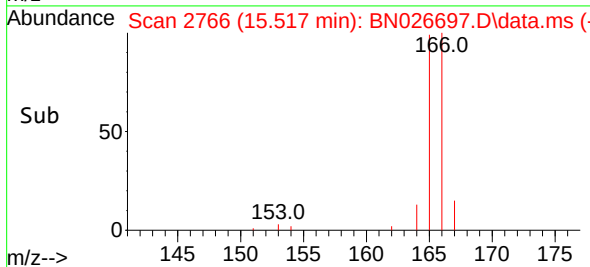
Reviewed By :Yogesh Patel 07/24/2023
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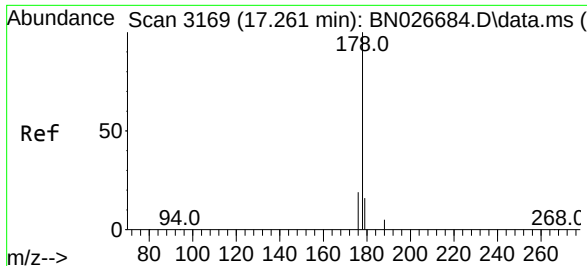


#12
Fluorene
Concen: 0.115 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02



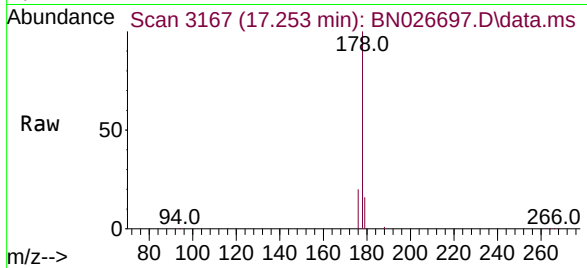
Tgt Ion:166 Resp: 3621
Ion Ratio Lower Upper
166 100
165 101.8 80.6 120.8
167 19.0 12.0 18.0#





#15
Phenanthrene
Concen: 1.389 ng/u1
RT: 17.253 min Scan# 3169
Delta R.T. -0.004 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

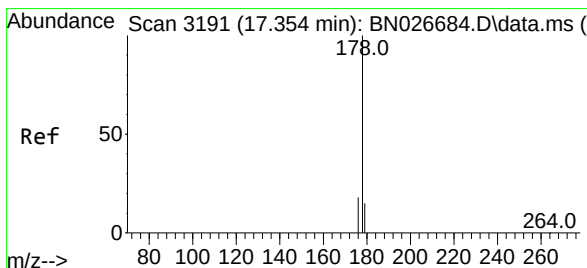
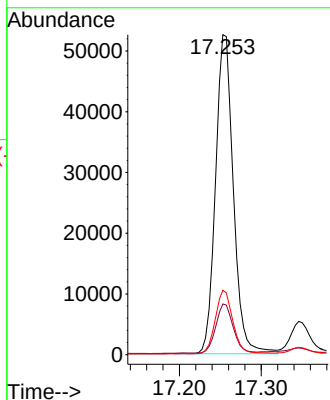
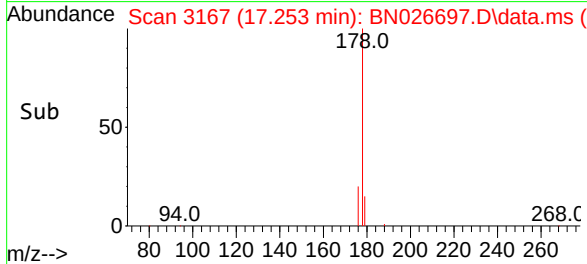
Instrument :
BNA_N
ClientSampleId :
A46W8



Tgt Ion:178 Resp: 79429
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 20.2 16.5 24.7

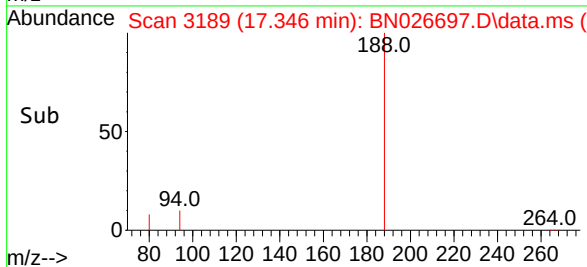
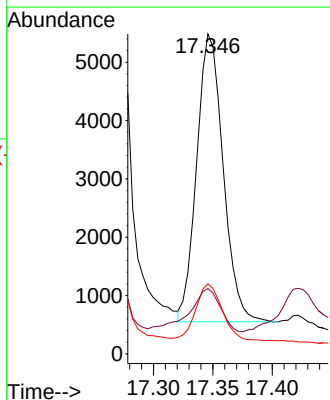
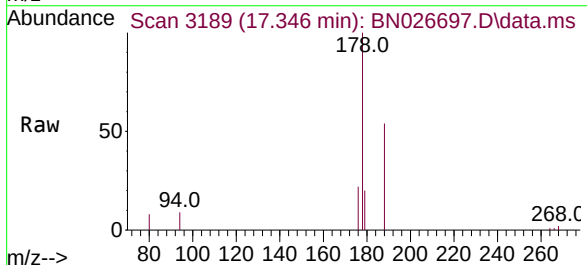
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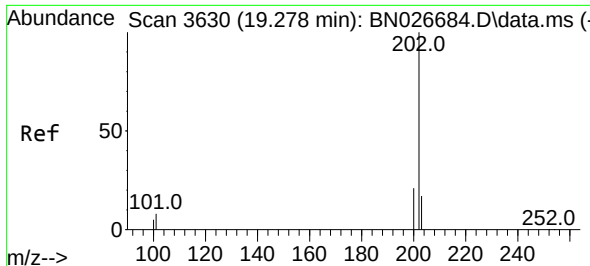
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.154 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

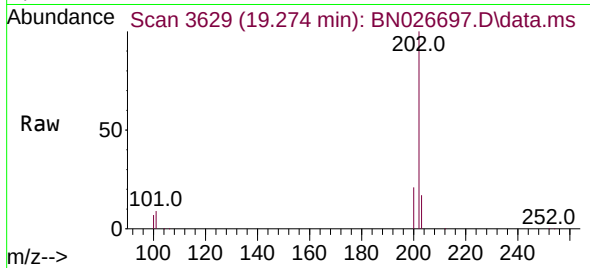
Tgt Ion:178 Resp: 7649
Ion Ratio Lower Upper
178 100
179 20.4 14.8 22.2
176 21.9 16.6 25.0





#19
Fluoranthene
Concen: 3.381 ng/ul
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

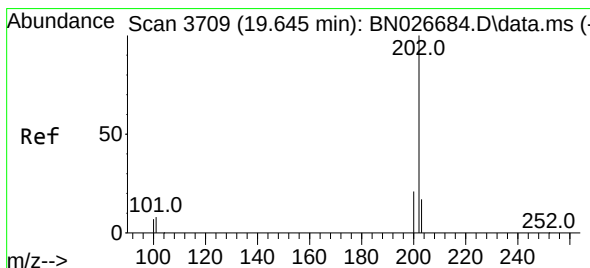
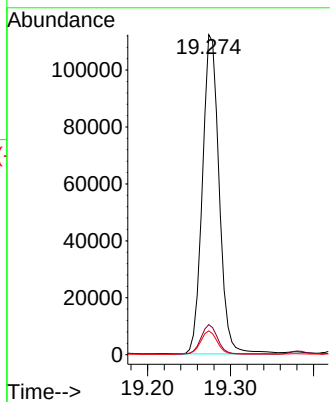
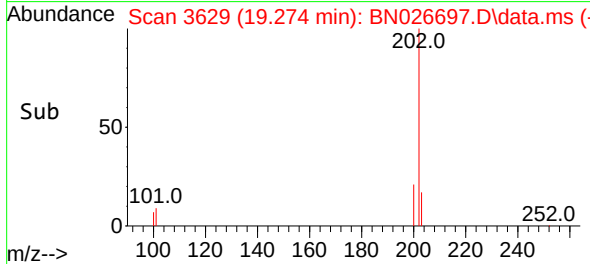
Instrument :
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A46W8



Tgt Ion:202 Resp: 157559
Ion Ratio Lower Upper
202 100
101 9.4 7.0 10.4
100 7.4 6.0 9.0

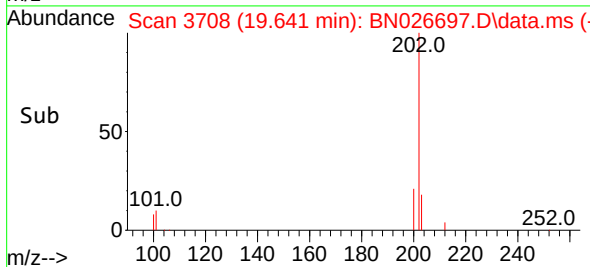
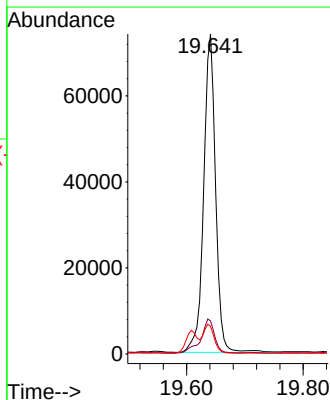
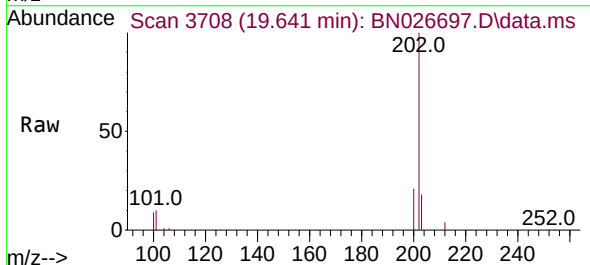
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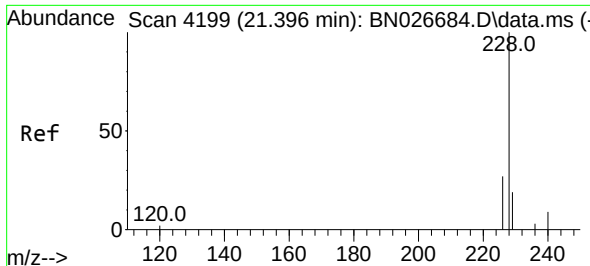
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 2.091 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

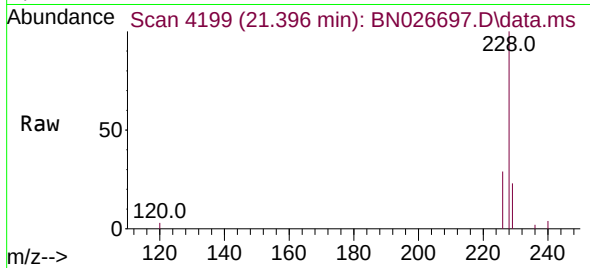
Tgt Ion:202 Resp: 105808
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 8.7 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.348 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

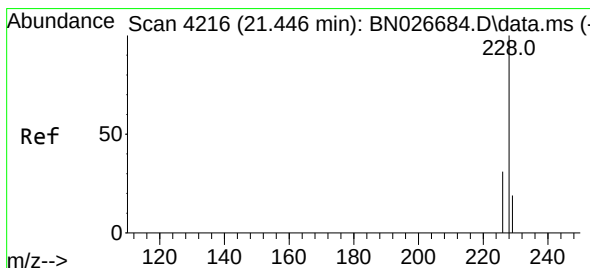
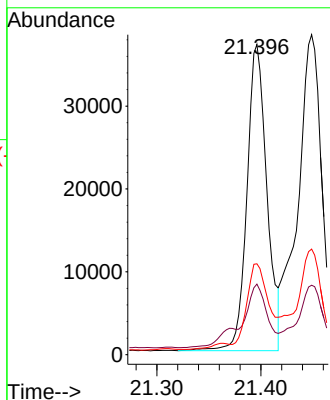
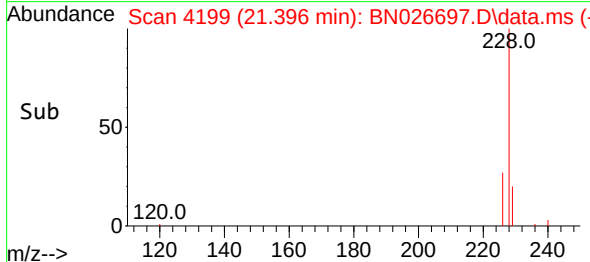
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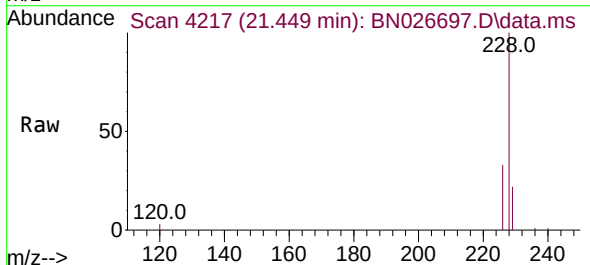
Tgt Ion:228 Resp: 49264
Ion Ratio Lower Upper
228 100
229 22.7 16.7 25.1
226 29.3 23.5 35.3

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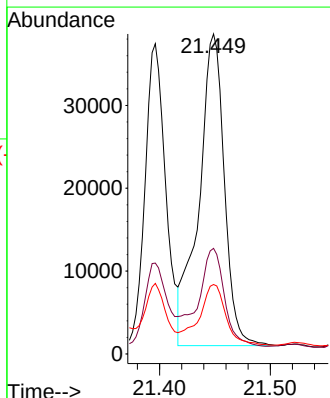
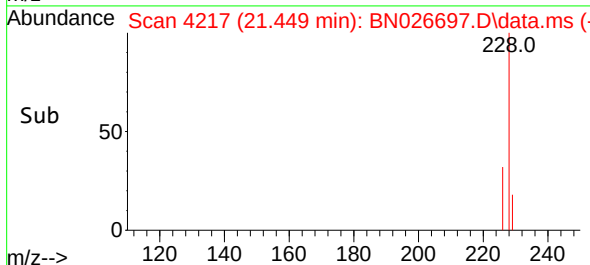
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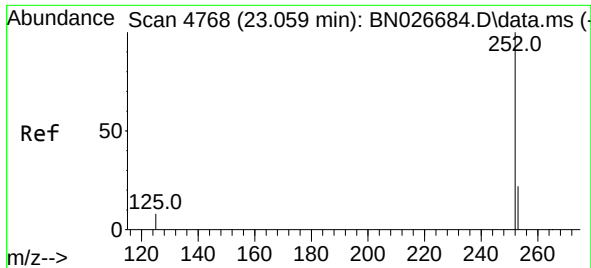


#22
Chrysene
Concen: 1.454 ng/ul
RT: 21.449 min Scan# 4217
Delta R.T. -0.006 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02



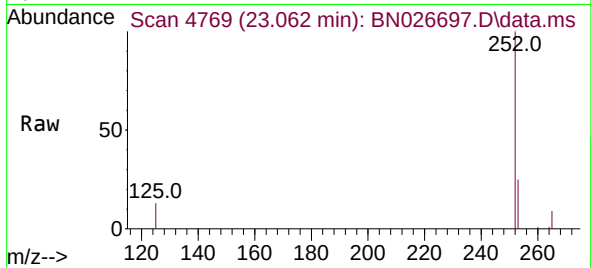
Tgt Ion:228 Resp: 60470
Ion Ratio Lower Upper
228 100
226 33.0 25.2 37.8
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.136 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

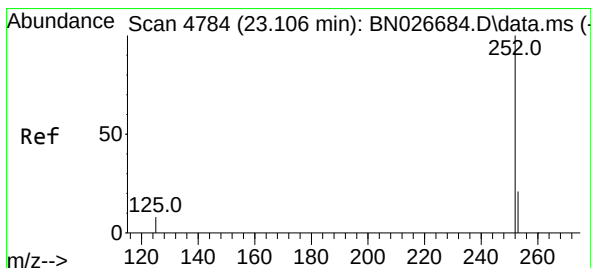
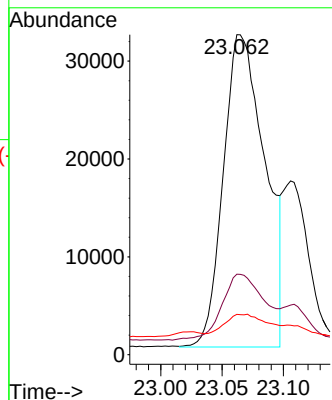
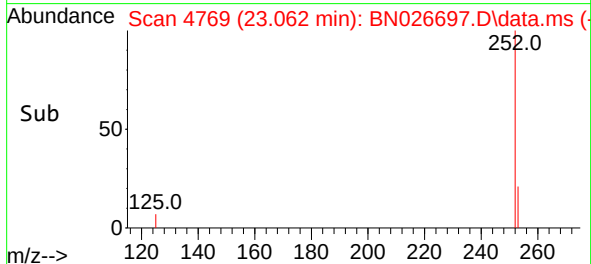
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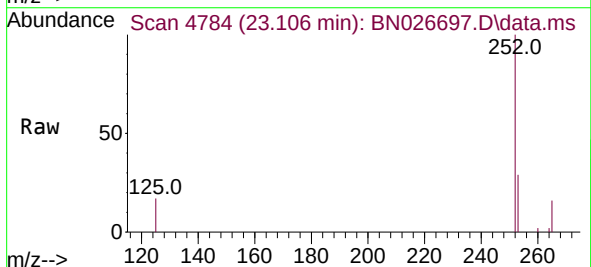
Tgt Ion:252 Resp: 7556
Ion Ratio Lower Upper
252 100
253 25.2 0.0 68.6
125 12.6 0.0 34.0

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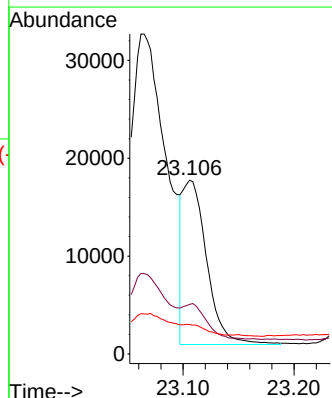
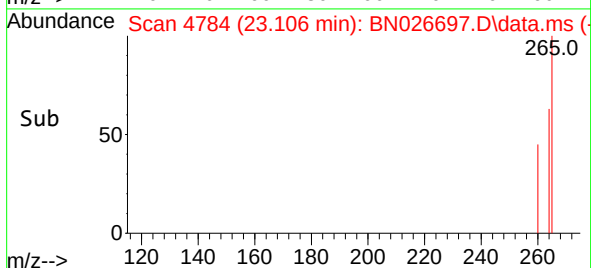
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

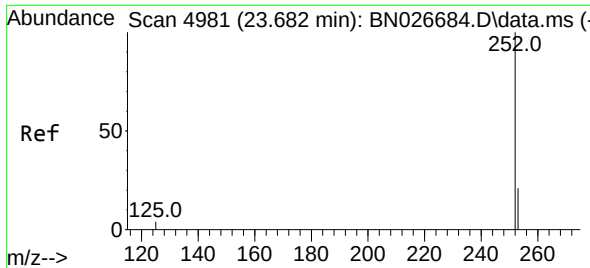


#25
Benzo(k)fluoranthene
Concen: 0.680 ng/ul m
RT: 23.106 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02



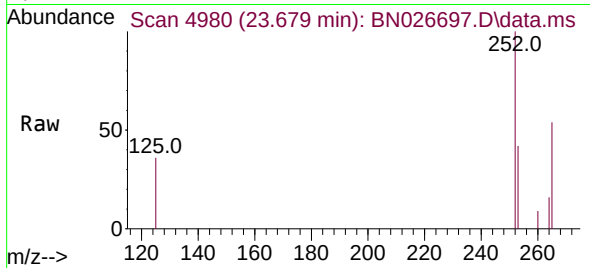
Tgt Ion:252 Resp: 25218
Ion Ratio Lower Upper
252 100
253 28.5 27.2 40.8
125 16.9 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.679 min Scan# 4981
Delta R.T. -0.006 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

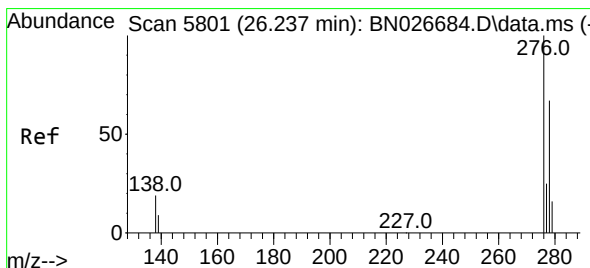
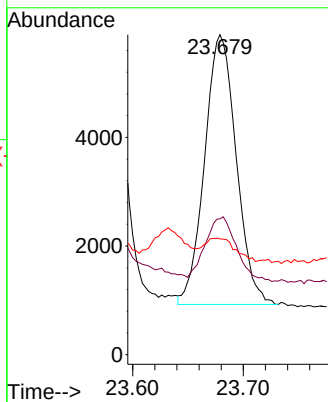
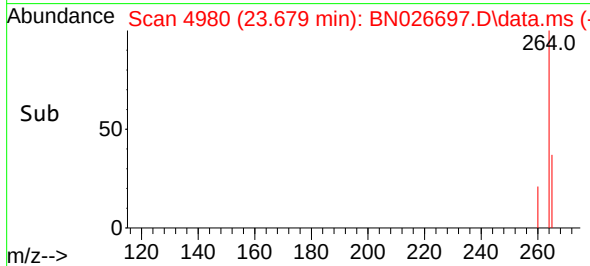
Instrument :
BNA_N
ClientSampleId :
A46W8



Tgt Ion:252 Resp: 986
Ion Ratio Lower Upper
252 100
253 42.4 32.6 49.0
125 36.2 19.3 28.9

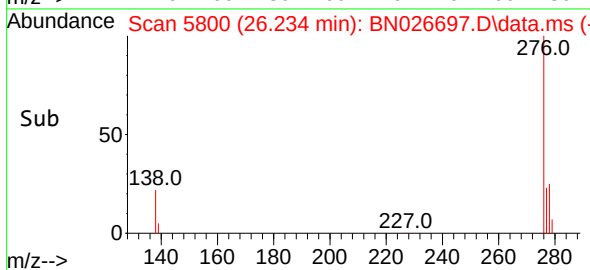
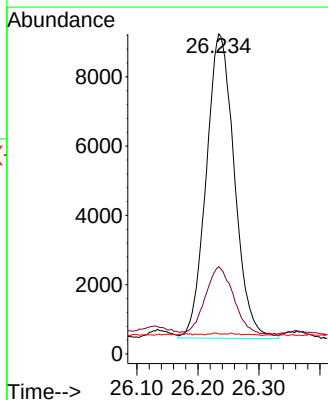
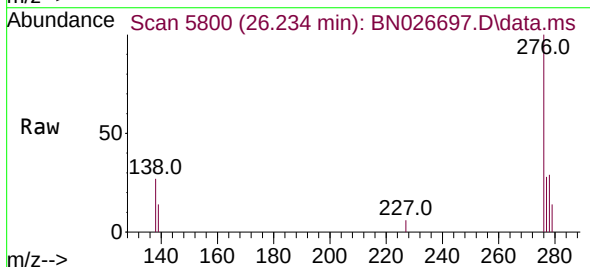
Manual Integrations
APPROVED

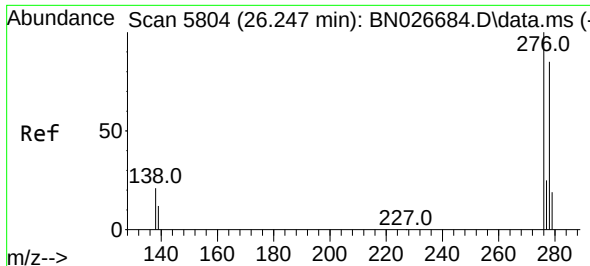
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.682 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.017 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

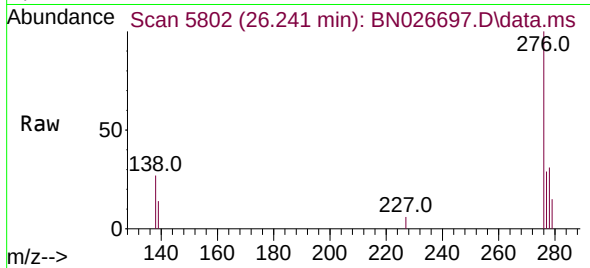
Tgt Ion:276 Resp: 28163
Ion Ratio Lower Upper
276 100
138 22.2 22.2 33.4#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 26.241 min Scan# 5804
Delta R.T. -0.017 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

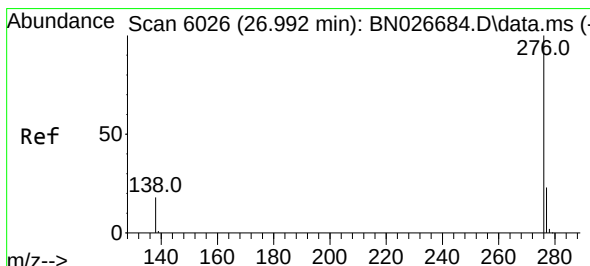
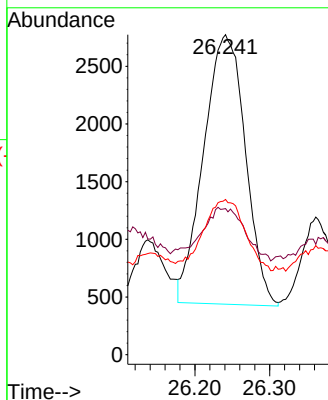
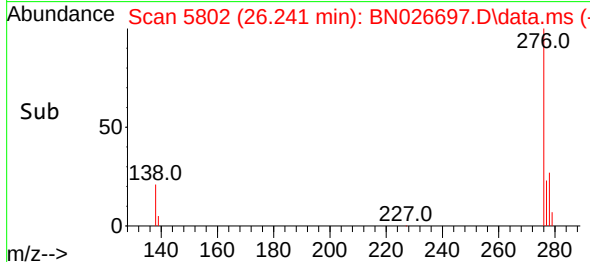
Instrument :
BNA_N
ClientSampleId :
A46W8



Tgt Ion:278 Resp: 9054
Ion Ratio Lower Upper
278 100
139 45.6 18.9 28.3#
279 48.5 31.3 46.9#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.055 ng/ul
RT: 26.992 min Scan# 6026
Delta R.T. -0.010 min
Lab File: BN026697.D
Acq: 24 Jul 2023 04:02

Tgt Ion:276 Resp: 2012
Ion Ratio Lower Upper
276 100
138 67.6 22.6 34.0#
277 63.0 21.8 32.8#

