

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026693.D
 Acq On : 24 Jul 2023 01:38
 Operator : MA/JU
 Sample : 03504-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S2

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 02:31:50 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	5820	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.619	136	16512	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	10926	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	38603	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.410	240	18163	0.400	ng/ul	# 0.00
23) Perylene-d12	23.781	264	22304	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	10255	1.338	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	6745	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.241	212	14711	0.234	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.669	128	20117	0.444	ng/ul	98
7) 2-Methylnaphthalene	12.286	142	7541	0.293	ng/ul	98
8) 1-Methylnaphthalene	12.506	142	5536	0.201	ng/ul	99
10) Acenaphthylene	14.185	152	40516	0.757	ng/ul	98
11) Acenaphthene	14.522	153	34613	0.849	ng/ul	99
12) Fluorene	15.512	166	53403	1.249	ng/ul	100
15) Phenanthrene	17.253	178	809557	6.585	ng/ul	98
16) Anthracene	17.346	178	169772	1.591	ng/ul	96
19) Fluoranthene	19.273	202	1495139	17.562	ng/ul#	94
20) Pyrene	19.636	202	391417	4.233	ng/ul	96
21) Benzo(a)anthracene	21.393	228	619832	9.286	ng/ul	99
22) Chrysene	21.443	228	469182	6.175	ng/ul	97
24) Benzo(b)fluoranthene	23.065	252	564163m	6.493	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	247728m	2.720	ng/ul	
26) Benzo(a)pyrene	23.676	252	56412	0.729	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.237	276	75489	0.745	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.244	278	75998	0.977	ng/ul	97

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

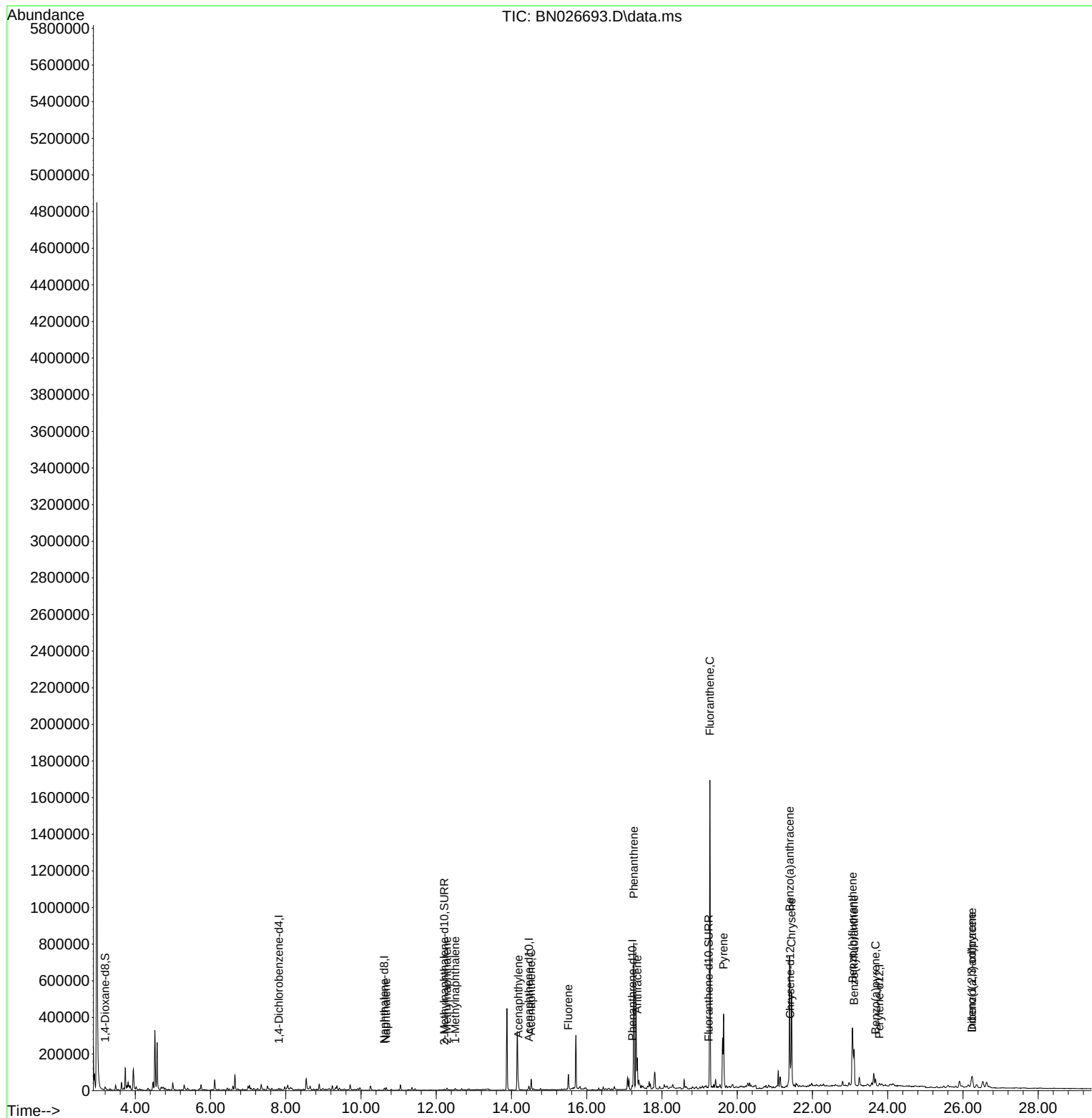
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026693.D
Acq On : 24 Jul 2023 01:38
Operator : MA/JU
Sample : 03504-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

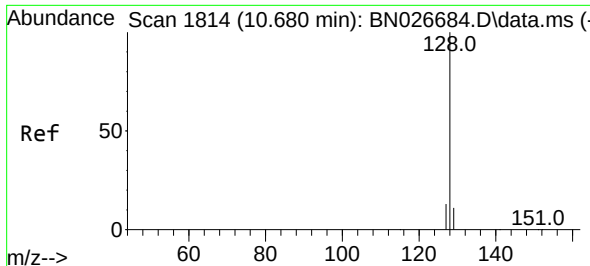
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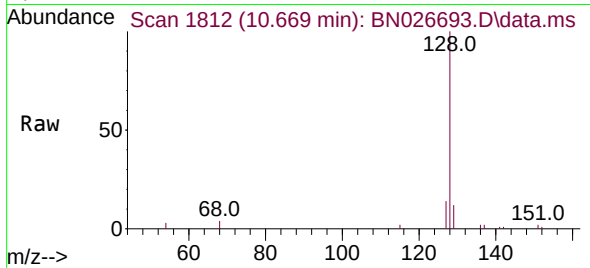
Quant Time: Jul 24 02:31:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.444 ng/ul
RT: 10.669 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

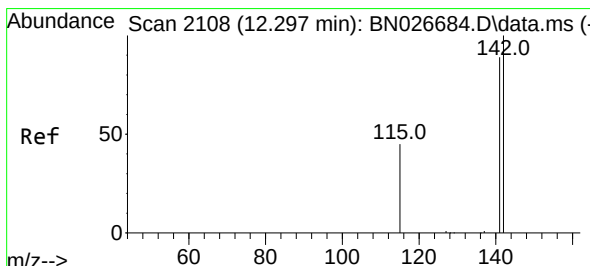
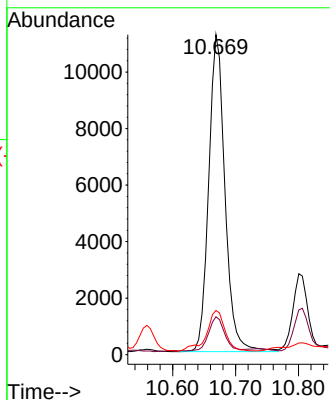
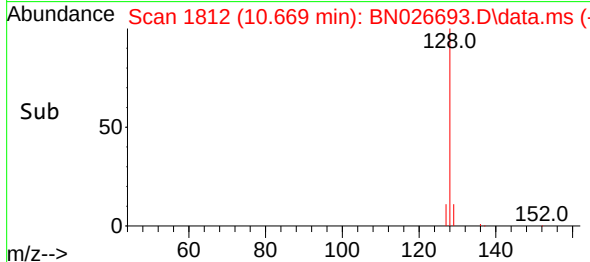
Instrument :
BNA_N
ClientSampleId :
A46S2



Tgt Ion:128 Resp: 2011
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.8 11.4 17.0

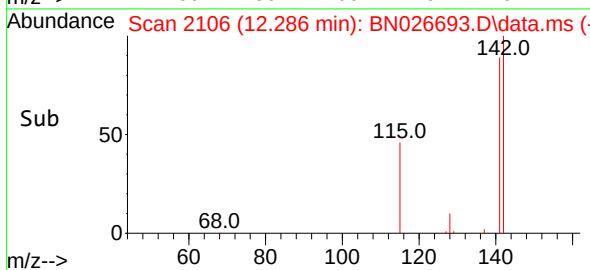
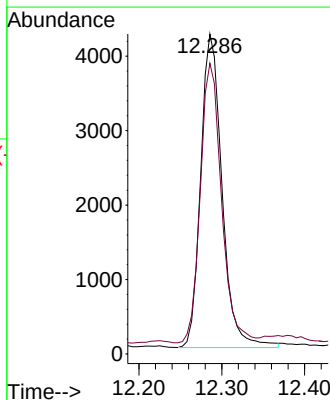
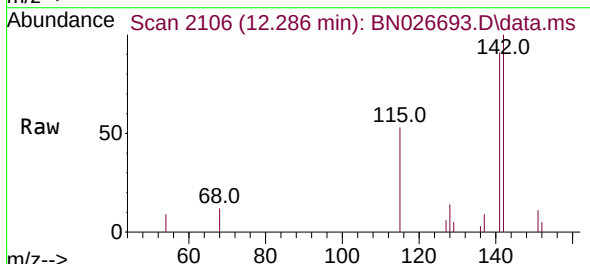
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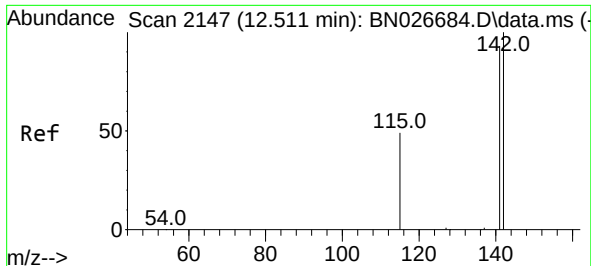
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.286 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

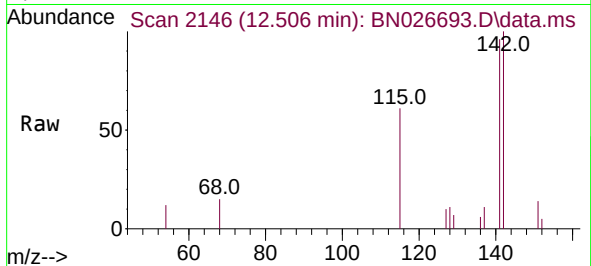
Tgt Ion:142 Resp: 7541
Ion Ratio Lower Upper
142 100
141 88.4 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

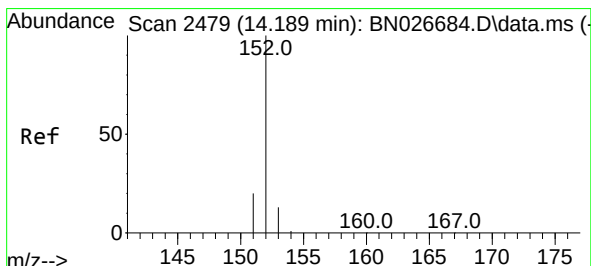
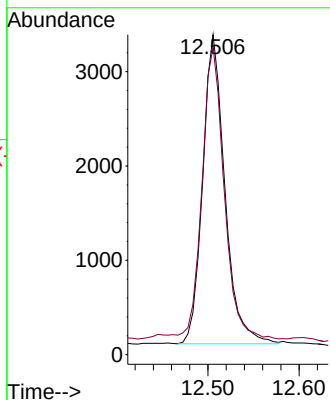
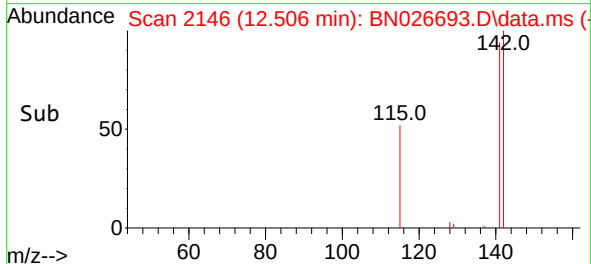
Instrument :
BNA_N
ClientSampleId :
A46S2



Tgt Ion:142 Resp: 5530
Ion Ratio Lower Upper
142 100
141 93.7 74.5 111.7

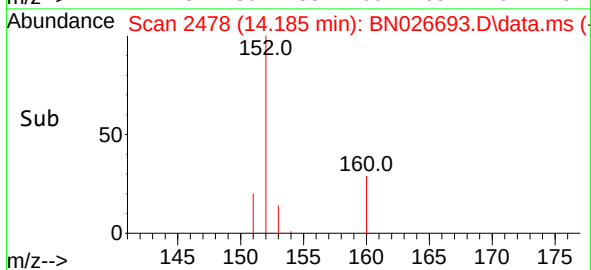
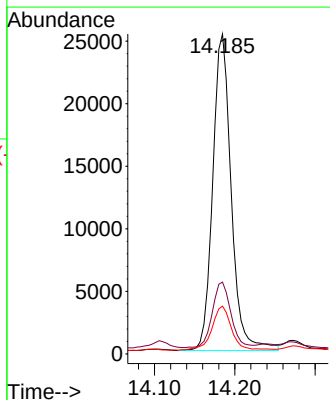
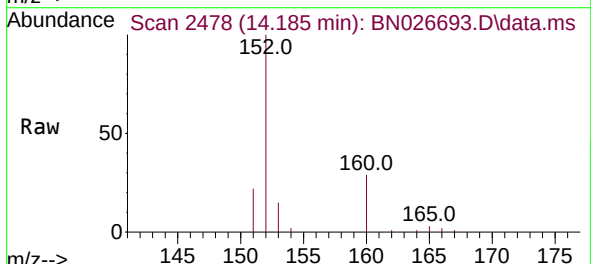
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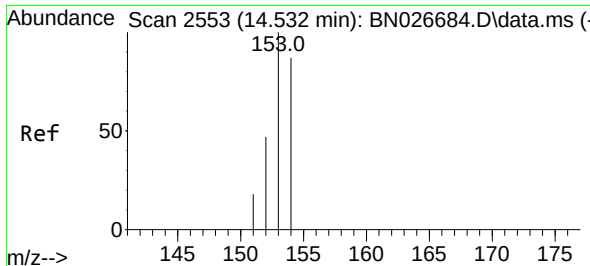
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.757 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

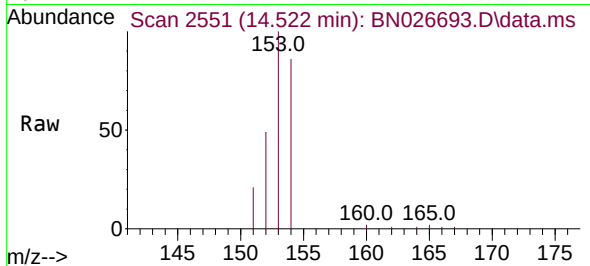
Tgt Ion:152 Resp: 40516
Ion Ratio Lower Upper
152 100
151 22.4 17.0 25.6
153 15.0 11.4 17.2





#11
Acenaphthene
Concen: 0.849 ng/ul
RT: 14.522 min Scan# 2551
Delta R.T. -0.005 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

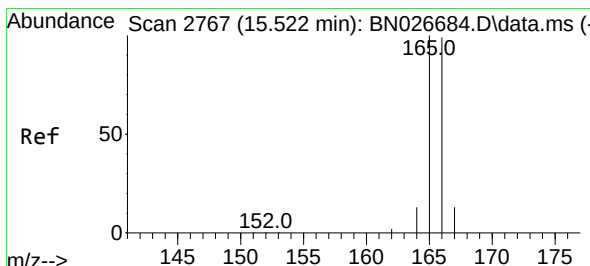
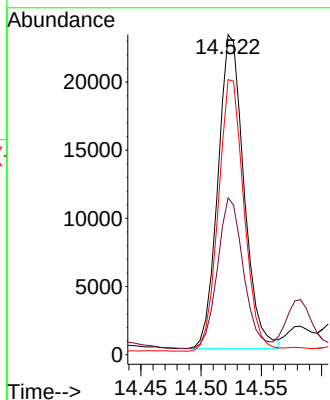
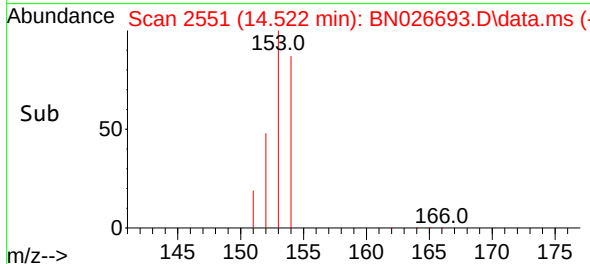
Instrument :
BNA_N
ClientSampleId :
A46S2



Tgt Ion:153 Resp: 3461
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 85.9 69.3 103.9

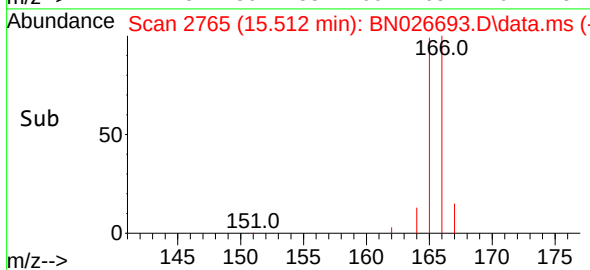
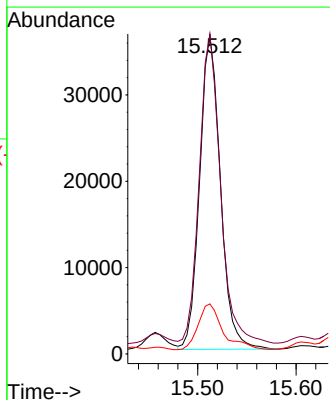
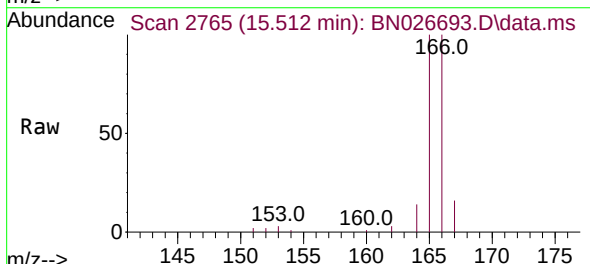
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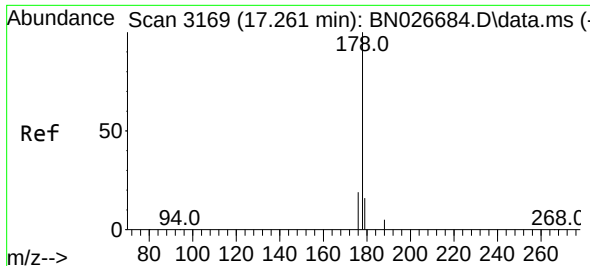
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 1.249 ng/ul
RT: 15.512 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

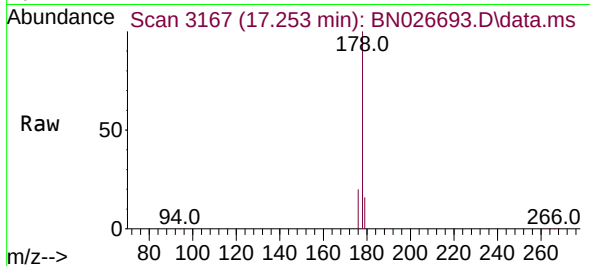
Tgt Ion:166 Resp: 53403
Ion Ratio Lower Upper
166 100
165 100.5 80.6 120.8
167 15.7 12.0 18.0





#15
Phenanthrene
Concen: 6.585 ng/u1
RT: 17.253 min Scan# 3169
Delta R.T. -0.004 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

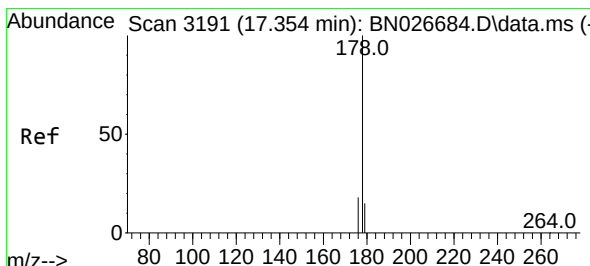
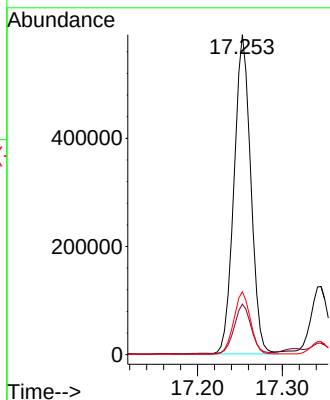
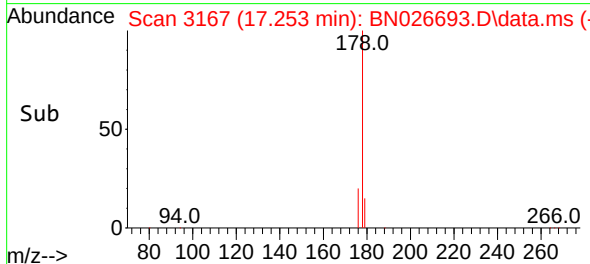
Instrument :
BNA_N
ClientSampleId :
A46S2



Tgt Ion:178 Resp: 80955
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 19.7 16.5 24.7

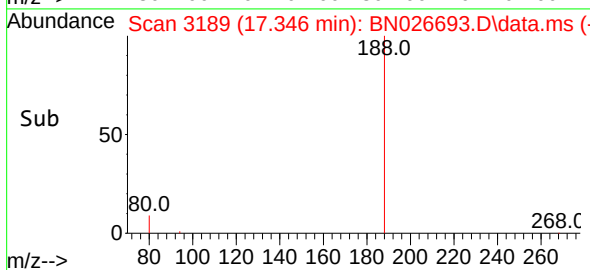
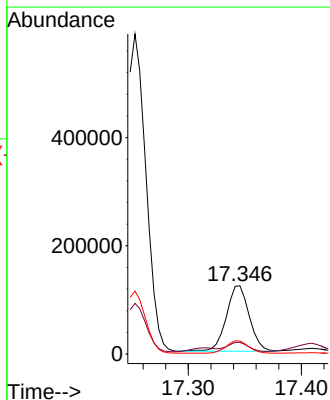
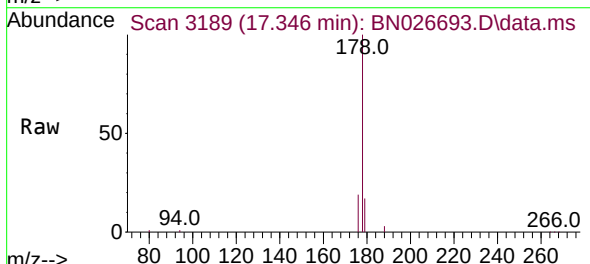
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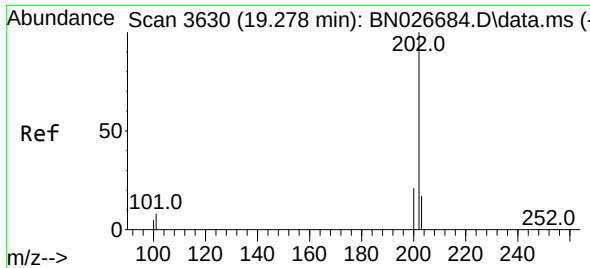
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 1.591 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

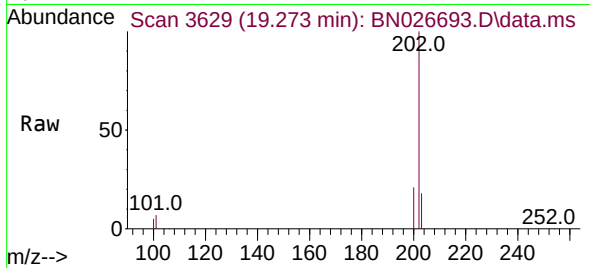
Tgt Ion:178 Resp: 169772
Ion Ratio Lower Upper
178 100
179 16.9 14.8 22.2
176 19.0 16.6 25.0





#19
Fluoranthene
Concen: 17.562 ng/u1
RT: 19.273 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

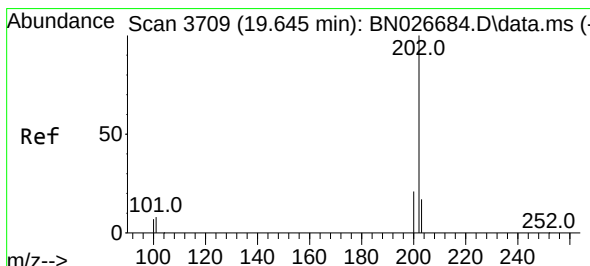
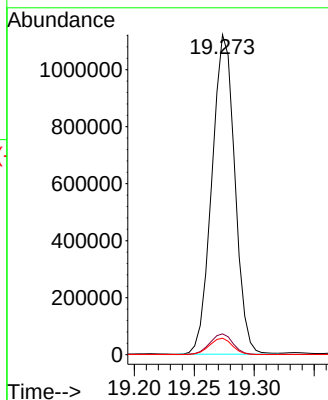
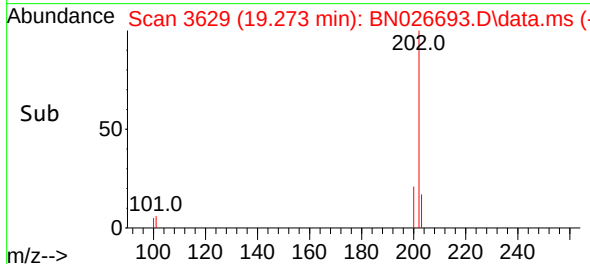
Instrument :
BNA_N
ClientSampleId :
A46S2



Tgt Ion:202 Resp: 1495139
Ion Ratio Lower Upper
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101 6.5 7.0 10.4
100 5.1 6.0 9.0

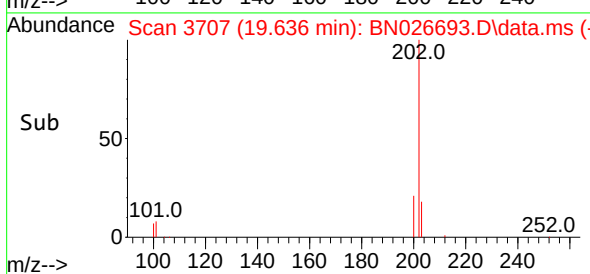
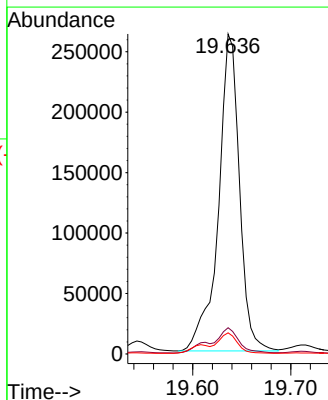
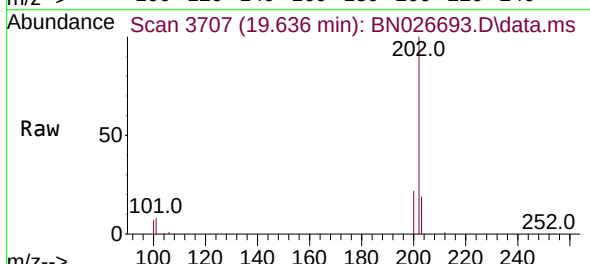
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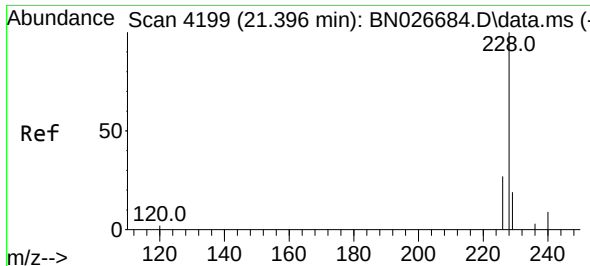
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 4.233 ng/u1
RT: 19.636 min Scan# 3707
Delta R.T. -0.009 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

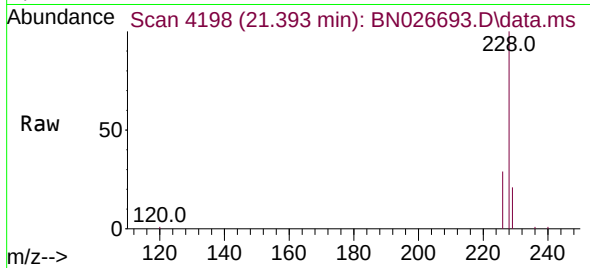
Tgt Ion:202 Resp: 391417
Ion Ratio Lower Upper
202 100
101 8.2 8.0 12.0
100 6.6 6.2 9.2





#21
Benzo(a)anthracene
Concen: 9.286 ng/u1
RT: 21.393 min Scan# 4199
Delta R.T. -0.009 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

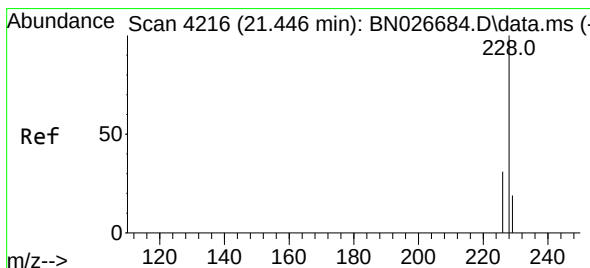
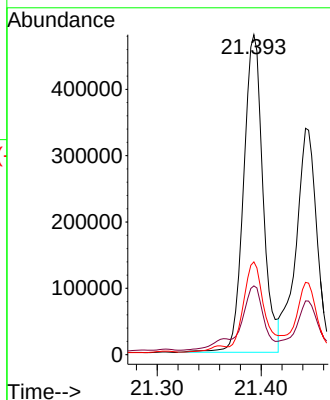
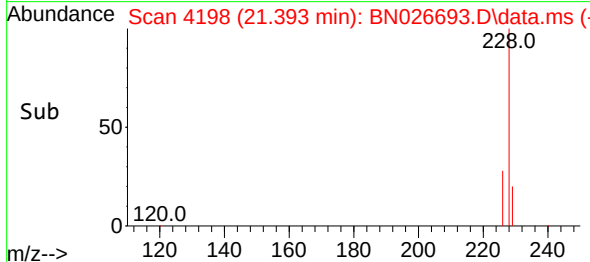
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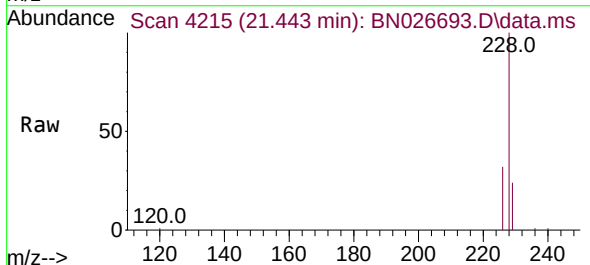
Tgt Ion:228 Resp: 61983
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 29.0 23.5 35.3

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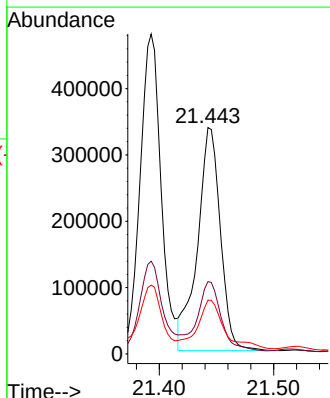
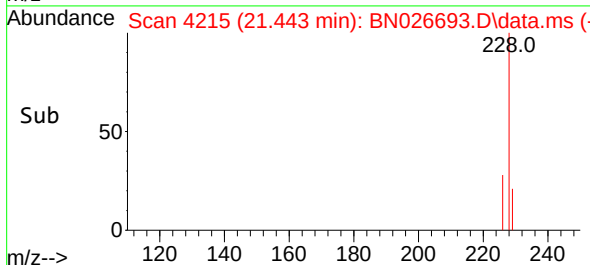
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

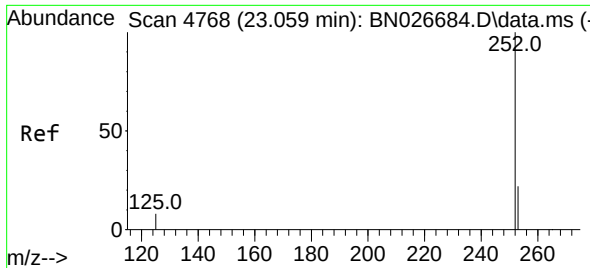


#22
Chrysene
Concen: 6.175 ng/u1
RT: 21.443 min Scan# 4215
Delta R.T. -0.012 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38



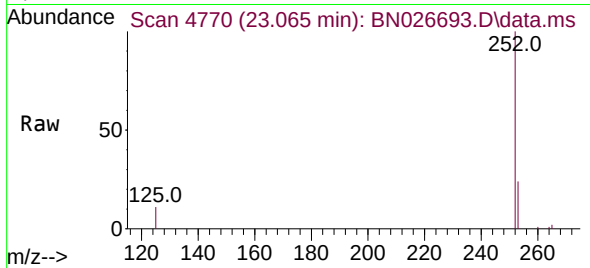
Tgt Ion:228 Resp: 469182
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 23.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 6.493 ng/ul m
RT: 23.065 min Scan# 4770
Delta R.T. -0.003 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

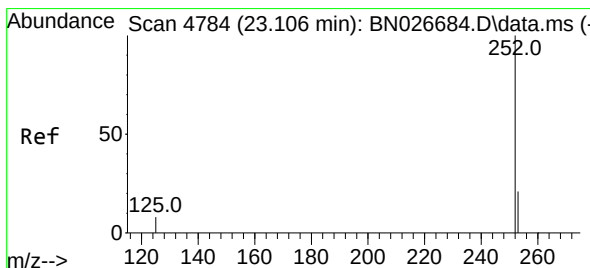
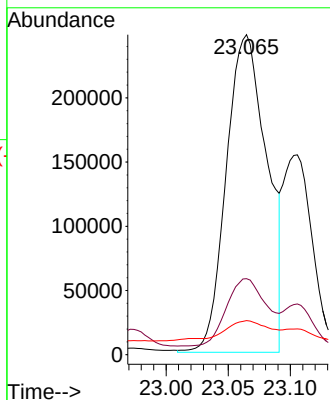
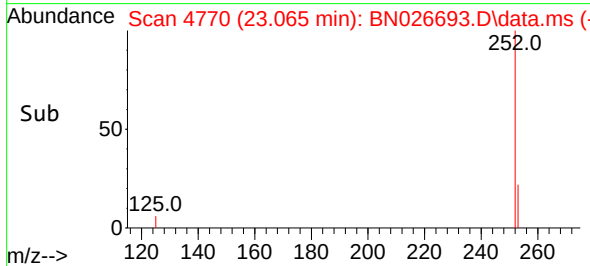
Instrument :
BNA_N
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A46S2



Tgt Ion:252 Resp: 56416
Ion Ratio Lower Upper
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253 23.8 0.0 68.6
125 10.7 0.0 34.0

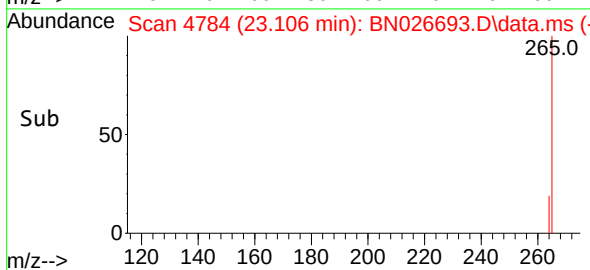
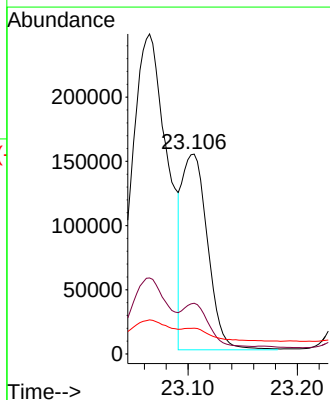
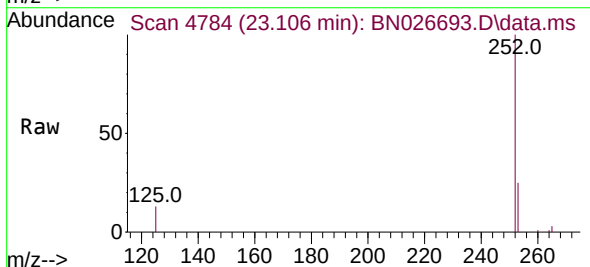
Manual Integrations
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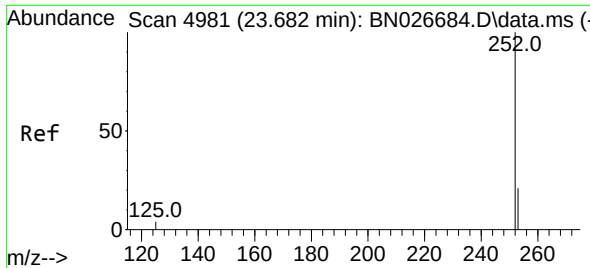
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 2.720 ng/ul m
RT: 23.106 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

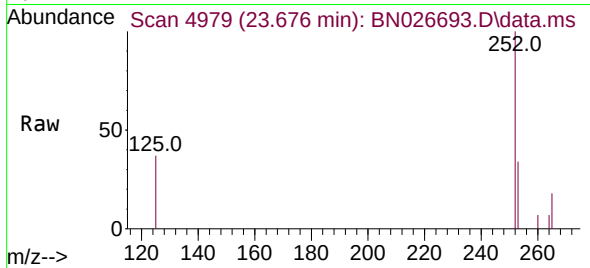
Tgt Ion:252 Resp: 247728
Ion Ratio Lower Upper
252 100
253 25.4 27.2 40.8#
125 12.9 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.729 ng/ul
RT: 23.676 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38

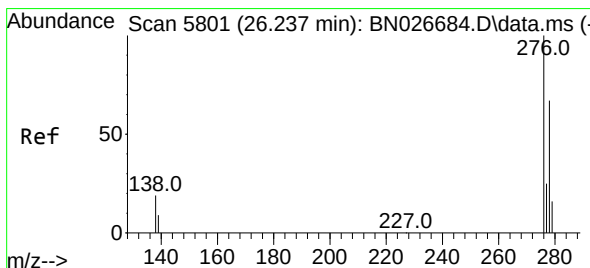
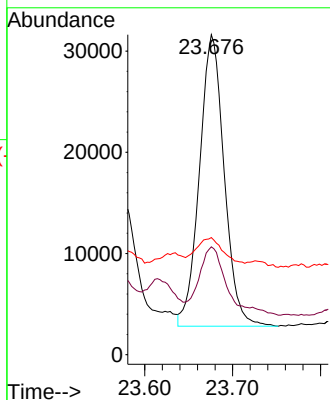
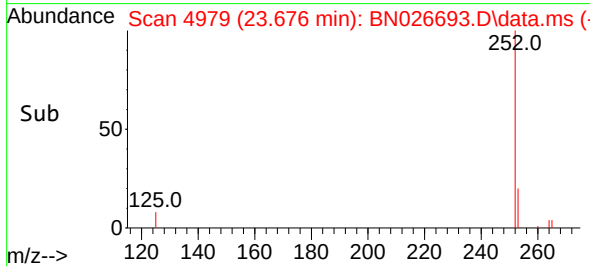
Instrument :
BNA_N
ClientSampleId :
A46S2



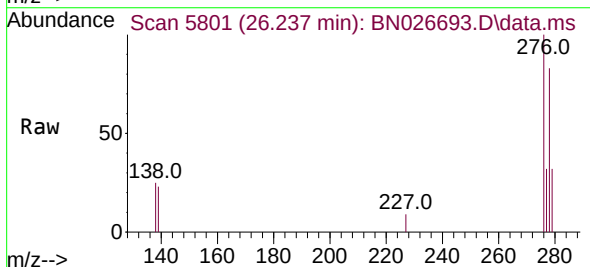
Tgt Ion:252 Resp: 56412
Ion Ratio Lower Upper
252 100
253 33.7 32.6 49.0
125 36.6 19.3 28.9

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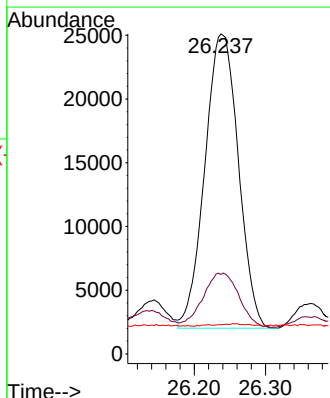
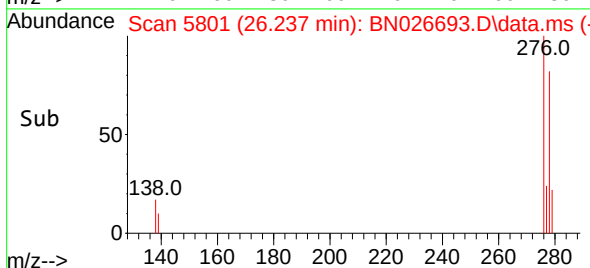
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

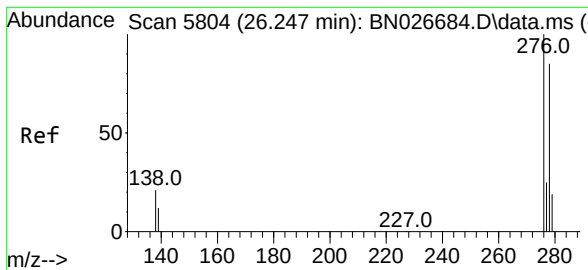


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.745 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.014 min
Lab File: BN026693.D
Acq: 24 Jul 2023 01:38



Tgt Ion:276 Resp: 75489
Ion Ratio Lower Upper
276 100
138 19.6 22.2 33.4#
227 0.7 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.977 ng/ul

RT: 26.244 min Scan# 51

Delta R.T. -0.014 min

Lab File: BN026693.D

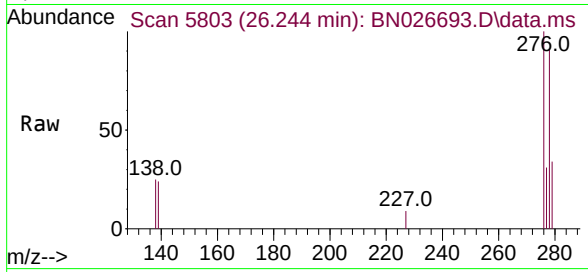
Acq: 24 Jul 2023 01:38

Instrument :

BNA_N

ClientSampleId :

A46S2



Tgt Ion:278 Resp: 75998

Ion Ratio Lower Upper

278 100

139 26.0 18.9 28.3

279 37.6 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023

