

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026691.D
 Acq On : 24 Jul 2023 00:25
 Operator : MA/JU
 Sample : 03472-36DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:22:45 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	7.828	152	2800	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	9606	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	6321	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	13021	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.407	240	8809	0.400	ng/ul	# 0.00
23) Perylene-d12	23.775	264	9977	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	430	0.117	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	437	0.033	ng/ul	0.01
18) Fluoranthene-d10	19.245	212	1127	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	953	0.036	ng/ul#	74
8) 1-Methylnaphthalene	12.511	142	335	0.021	ng/ul	90
10) Acenaphthylene	14.185	152	860	0.028	ng/ul#	72
11) Acenaphthene	14.527	153	1730	0.073	ng/ul	98
12) Fluorene	15.522	166	2357	0.095	ng/ul	94
15) Phenanthrene	17.257	178	35814	0.864	ng/ul	97
16) Anthracene	17.350	178	4033	0.112	ng/ul#	95
19) Fluoranthene	19.273	202	45642	1.105	ng/ul#	93
20) Pyrene	19.636	202	34233	0.763	ng/ul#	95
21) Benzo(a)anthracene	21.390	228	14706	0.454	ng/ul	98
22) Chrysene	21.442	228	13860	0.376	ng/ul	97
24) Benzo(b)fluoranthene	23.056	252	17495m	0.450	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	6853m	0.168	ng/ul	
26) Benzo(a)pyrene	23.673	252	2483	0.072	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.233	276	5733	0.126	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.237	278	1719	0.049	ng/ul#	42

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

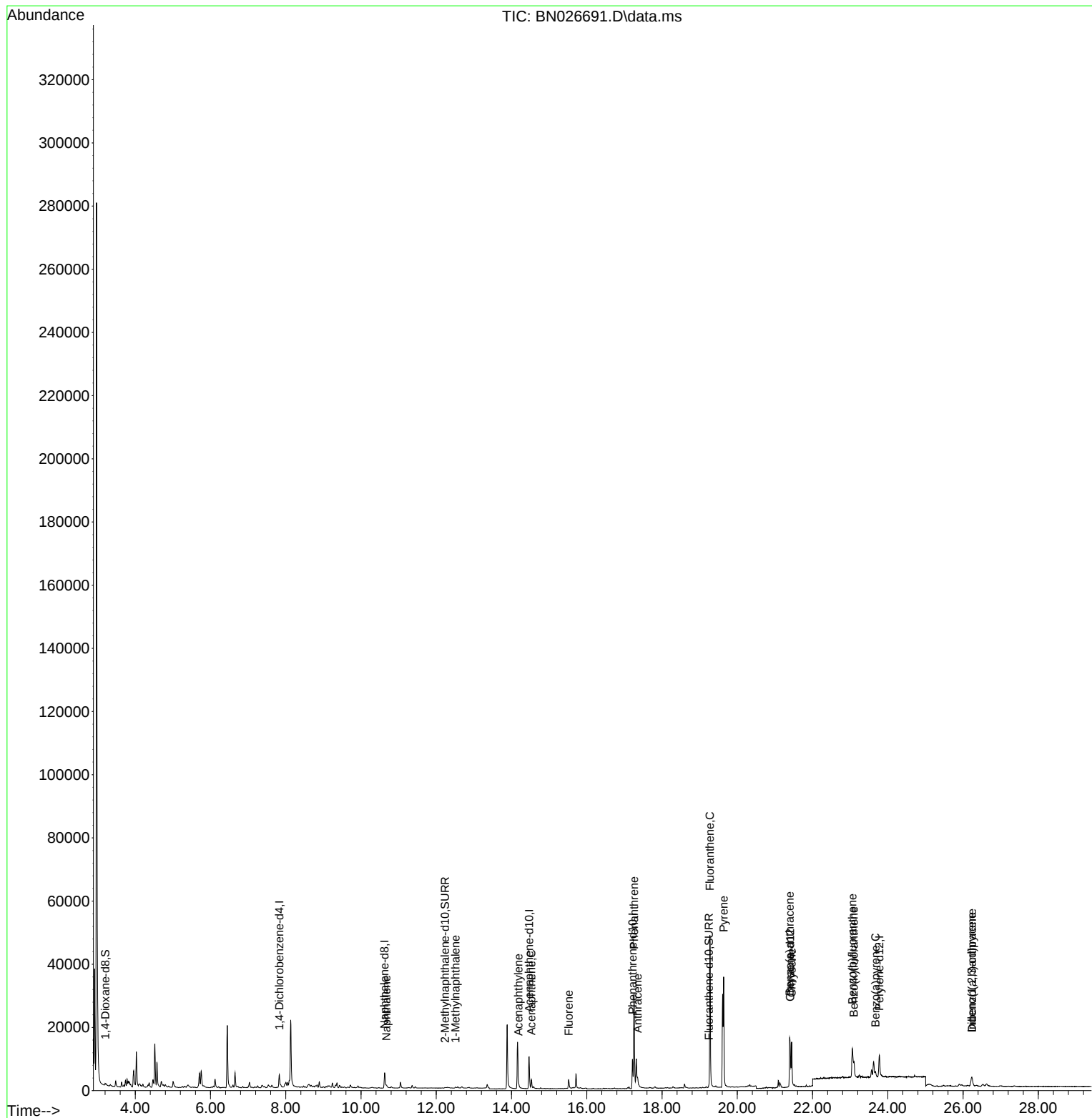
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026691.D
Acq On : 24 Jul 2023 00:25
Operator : MA/JU
Sample : 03472-36DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

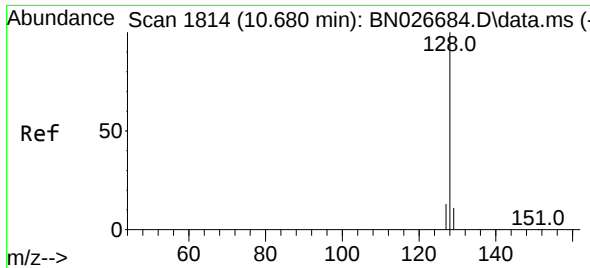
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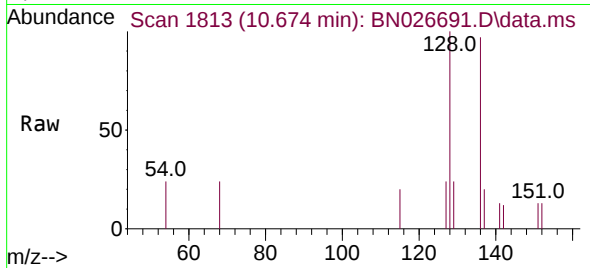
Quant Time: Jul 24 01:22:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/u1
RT: 10.674 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25

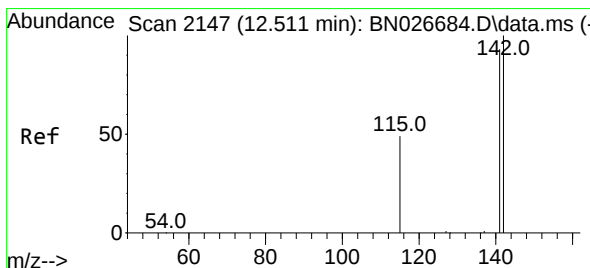
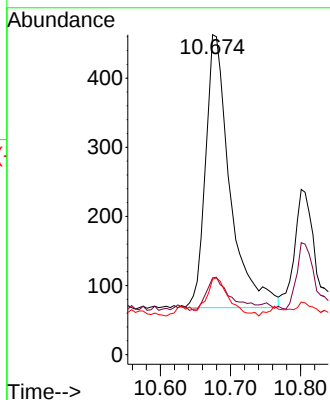
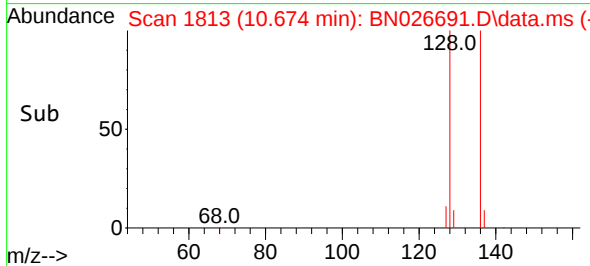
Instrument :
BNA_N
ClientSampleId :
A46S9DL



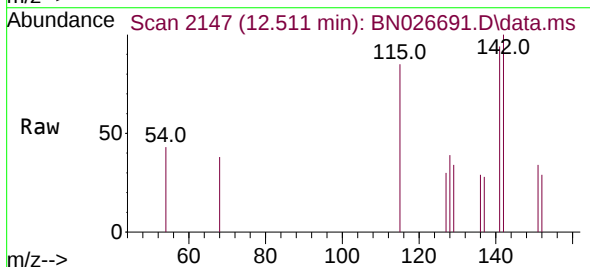
Tgt Ion:128 Resp: 95
Ion Ratio Lower Upper
128 100
129 24.0 10.2 15.2
127 23.5 11.4 17.0

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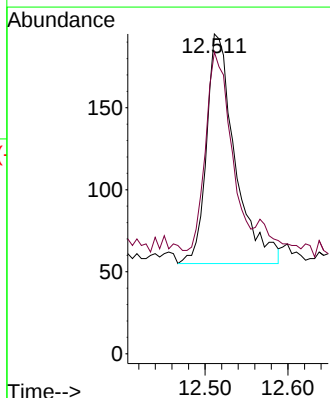
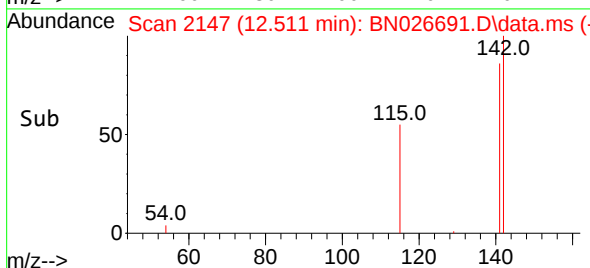
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

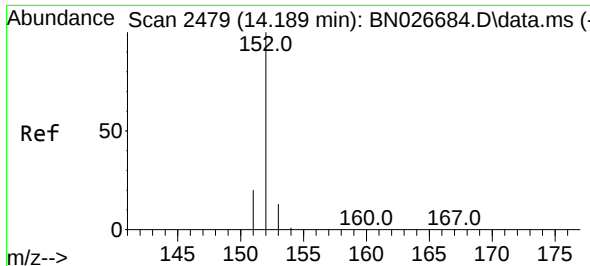


#8
1-Methylnaphthalene
Concen: 0.021 ng/u1
RT: 12.511 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25



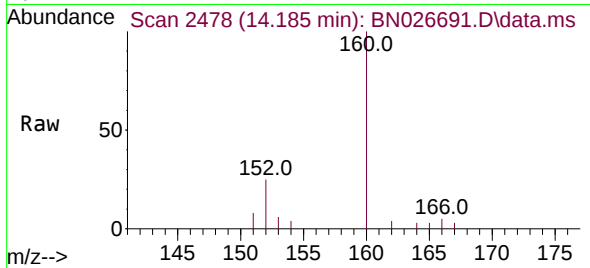
Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
141 83.6 74.5 111.7





#10
Acenaphthylene
Concen: 0.028 ng/u1
RT: 14.185 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25

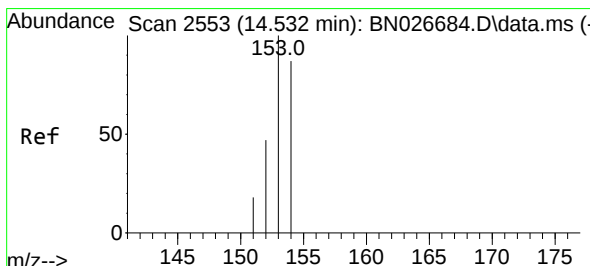
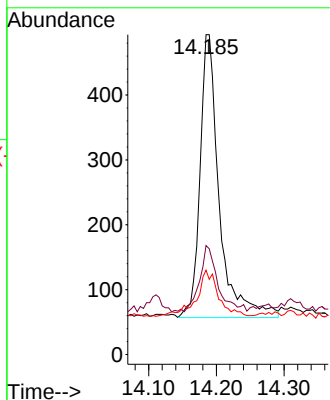
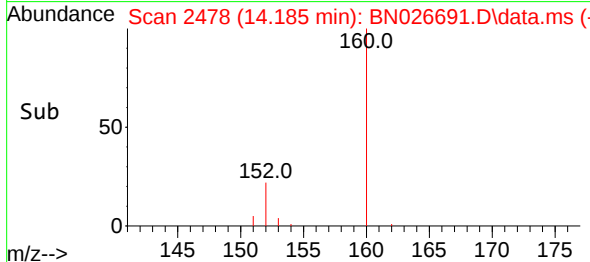
Instrument :
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ClientSampleId :
A46S9DL



Tgt Ion:152 Resp: 860
Ion Ratio Lower Upper
152 100
151 34.1 17.0 25.6
153 26.4 11.4 17.2

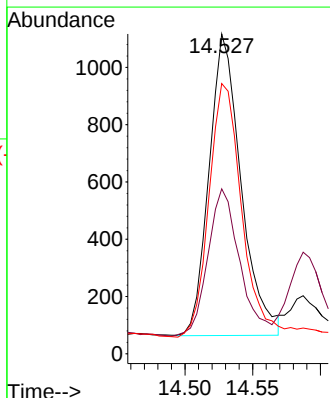
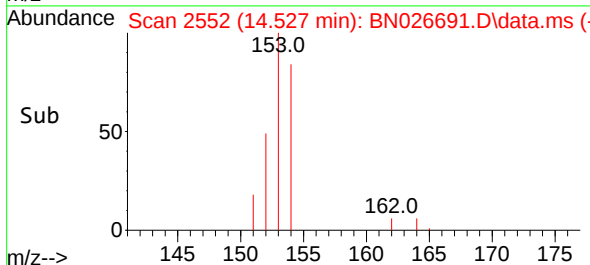
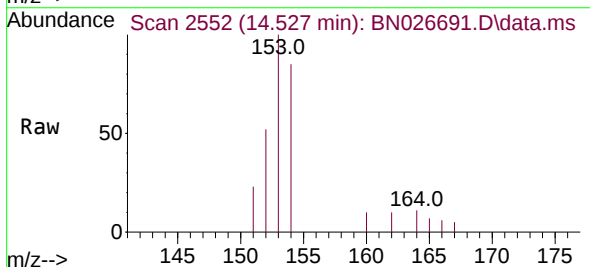
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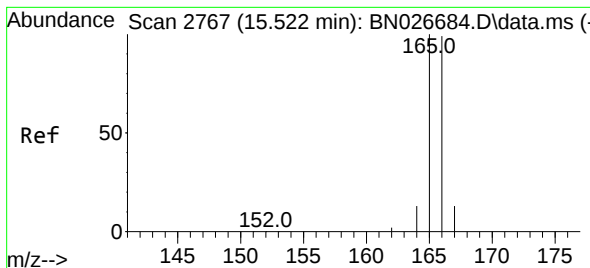
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.073 ng/u1
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25

Tgt Ion:153 Resp: 1730
Ion Ratio Lower Upper
153 100
152 51.6 40.2 60.4
154 84.5 69.3 103.9





#12

Fluorene

Concen: 0.095 ng/ul

RT: 15.522 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN026691.D

Acq: 24 Jul 2023 00:25

Instrument :

BNA_N

ClientSampleId :

A46S9DL

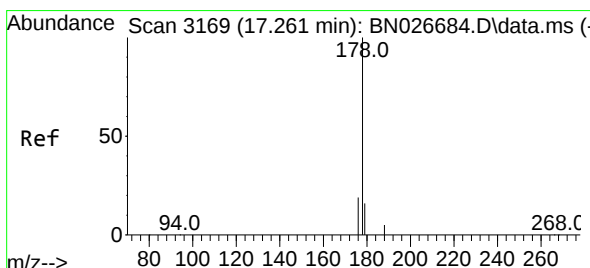
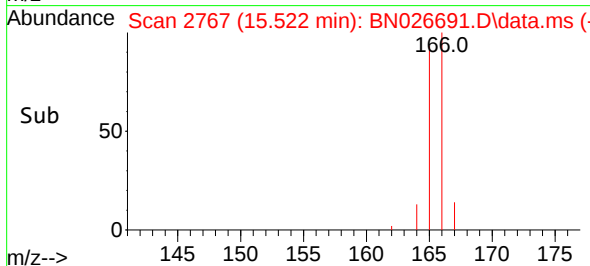
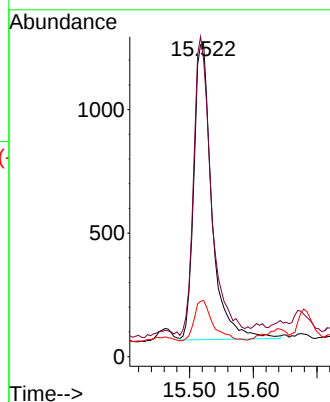
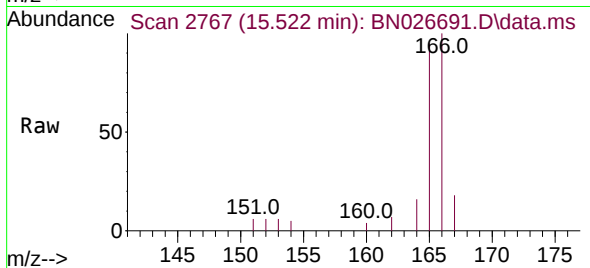
Tgt Ion:166	Resp:	235
Ion Ratio	Lower	Upper
166	100	
165	94.7	80.6 120.8
167	18.0	12.0 18.0

Manual Integrations

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Supervised By :mohammad ahmed 07/24/2023



#15

Phenanthrene

Concen: 0.864 ng/ul

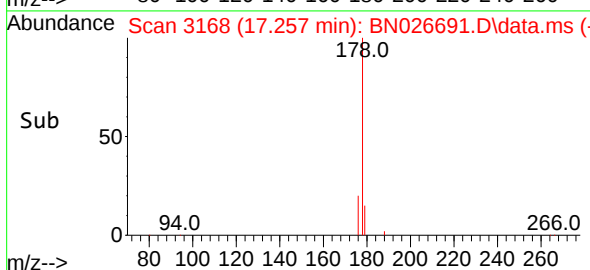
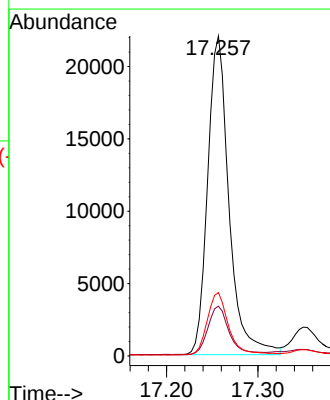
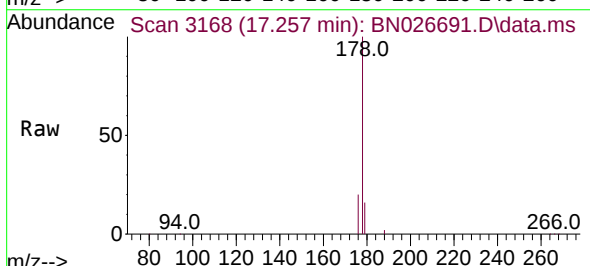
RT: 17.257 min Scan# 3168

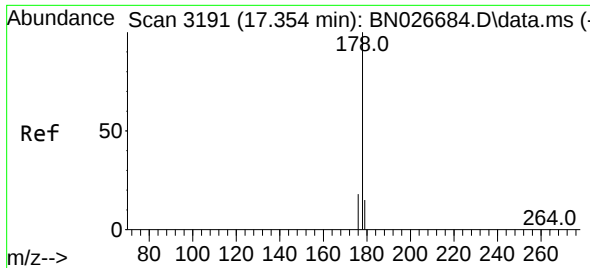
Delta R.T. -0.000 min

Lab File: BN026691.D

Acq: 24 Jul 2023 00:25

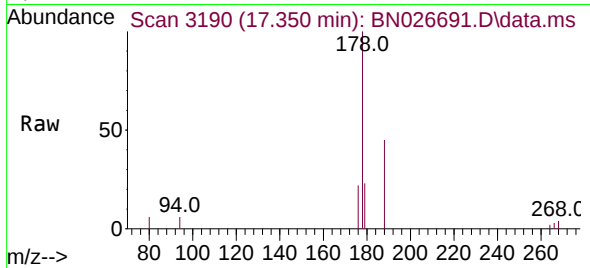
Tgt Ion:178	Resp:	35814
Ion Ratio	Lower	Upper
178	100	
179	15.6	13.7 20.5
176	19.8	16.5 24.7





#16
 Anthracene
 Concen: 0.112 ng/ul
 RT: 17.350 min Scan# 3191
 Delta R.T. -0.000 min
 Lab File: BN026691.D
 Acq: 24 Jul 2023 00:25

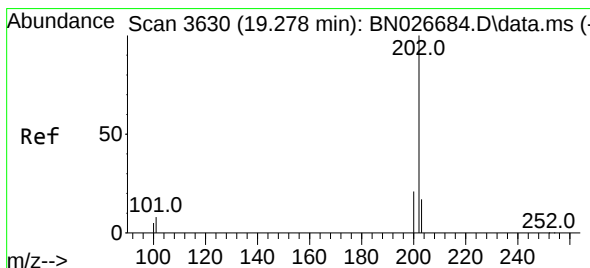
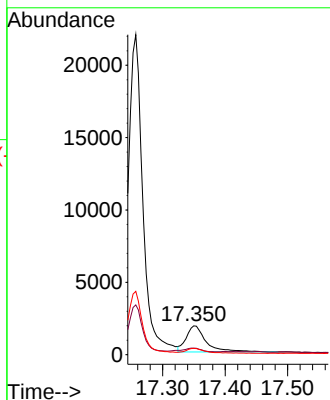
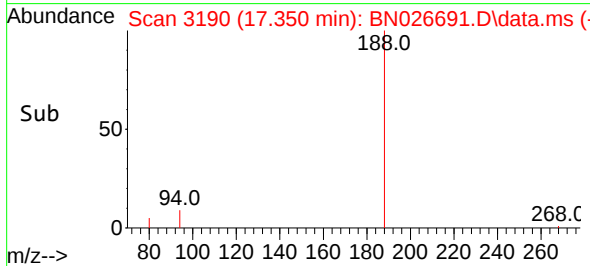
Instrument :
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 ClientSampleId :
 A46S9DL



Tgt Ion:178 Resp: 4038
 Ion Ratio Lower Upper
 178 100
 179 22.6 14.8 22.2#
 176 21.7 16.6 25.0#

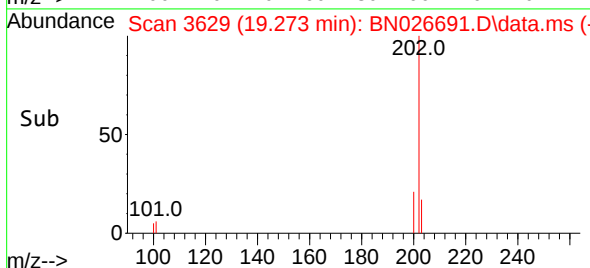
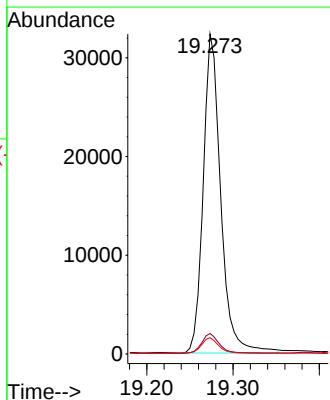
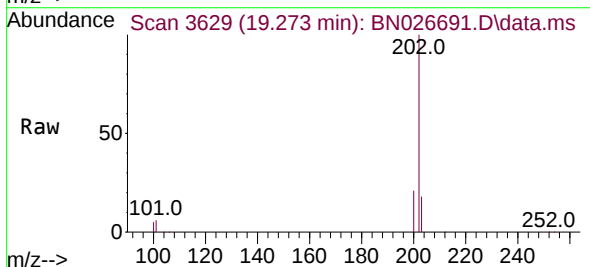
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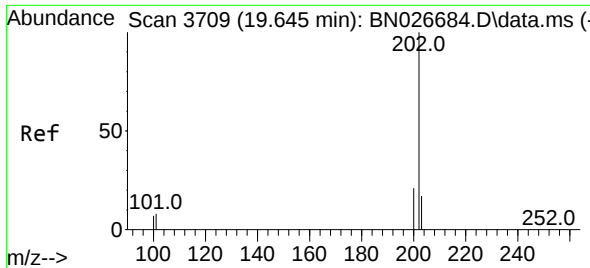
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 1.105 ng/ul
 RT: 19.273 min Scan# 3629
 Delta R.T. -0.005 min
 Lab File: BN026691.D
 Acq: 24 Jul 2023 00:25

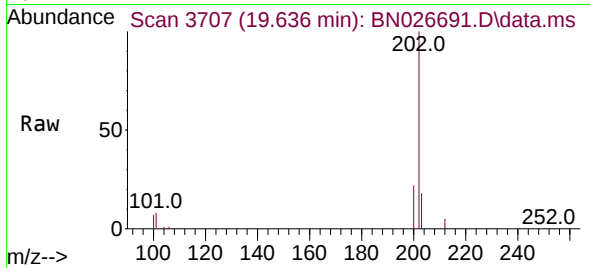
Tgt Ion:202 Resp: 45642
 Ion Ratio Lower Upper
 202 100
 101 6.4 7.0 10.4#
 100 5.1 6.0 9.0#





#20
Pyrene
Concen: 0.763 ng/ul
RT: 19.636 min Scan# 31
Delta R.T. -0.010 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25

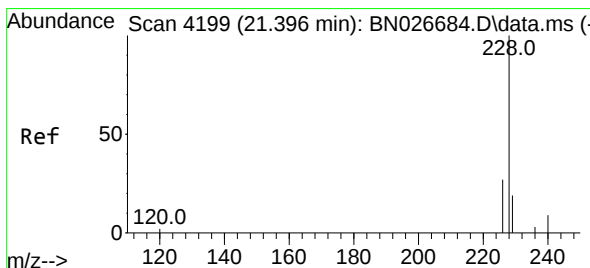
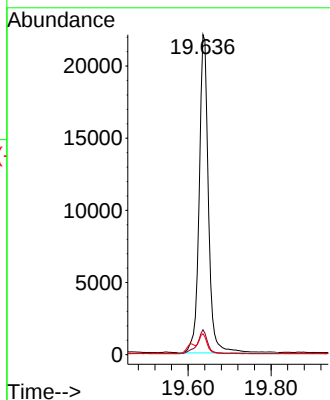
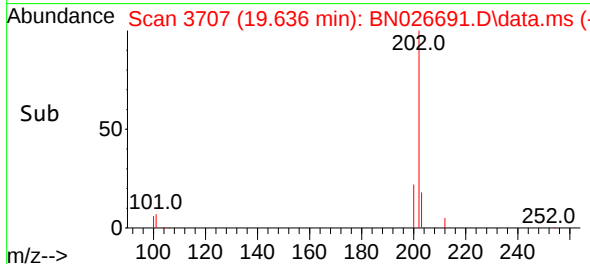
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A46S9DL



Tgt Ion:202 Resp: 3423
Ion Ratio Lower Upper
202 100
101 7.8 8.0 12.0
100 6.6 6.2 9.2

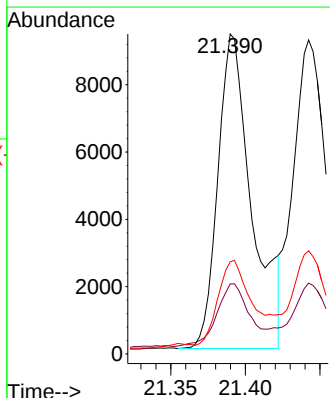
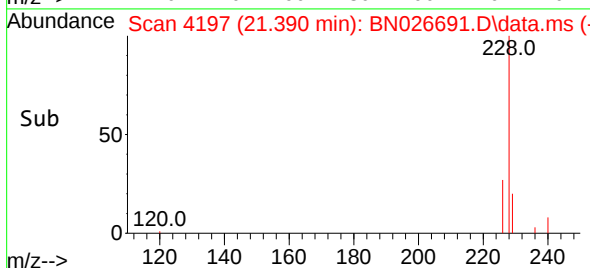
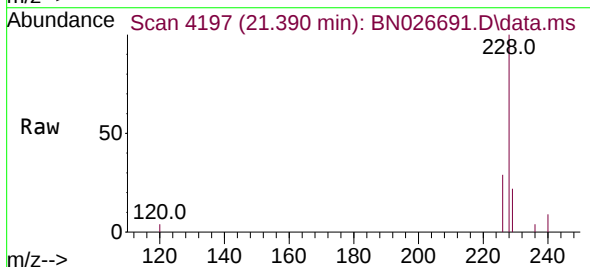
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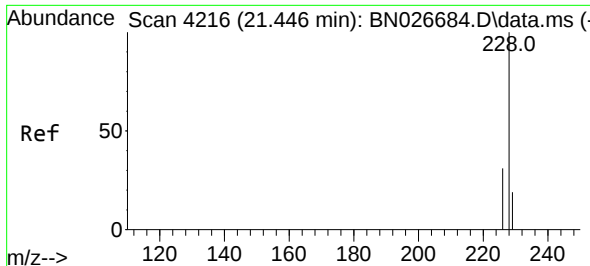
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.390 min Scan# 4197
Delta R.T. -0.012 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25

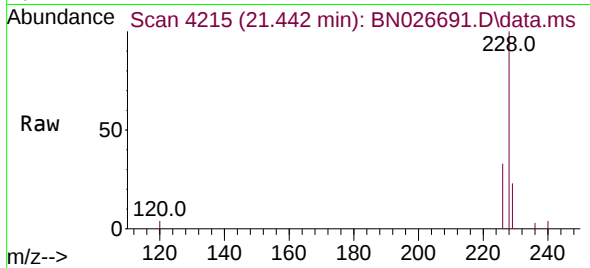
Tgt Ion:228 Resp: 14706
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 28.8 23.5 35.3





#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.442 min Scan# 4216
Delta R.T. -0.012 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25

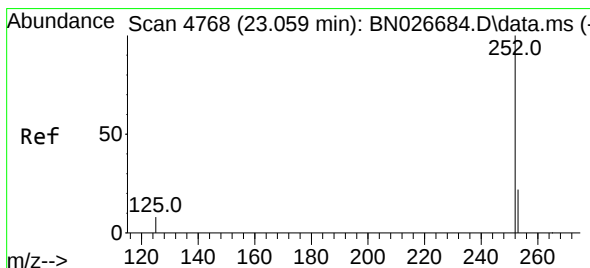
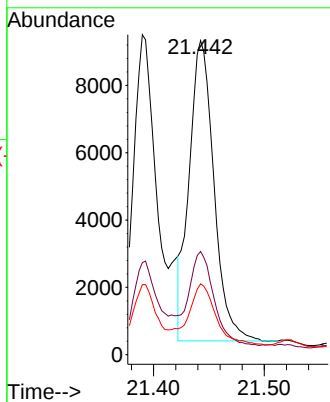
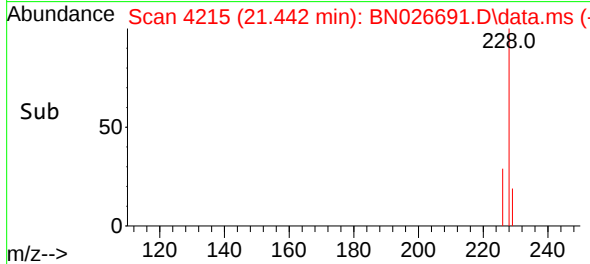
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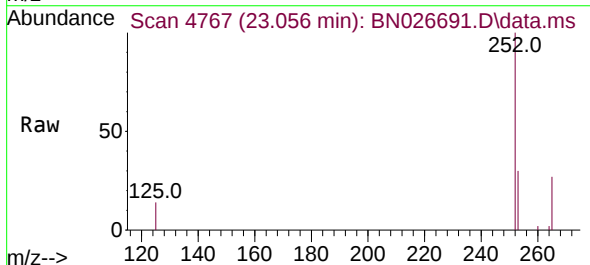
Tgt Ion:228 Resp: 13860
Ion Ratio Lower Upper
228 100
226 32.9 25.2 37.8
229 22.5 16.4 24.6

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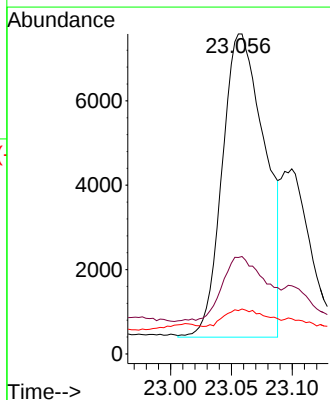
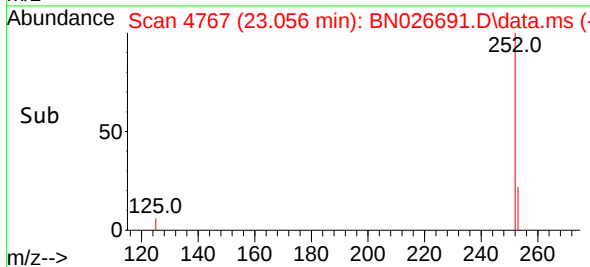
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Supervised By :mohammad ahmed 07/24/2023

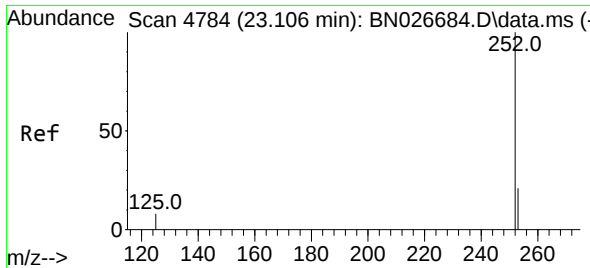


#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul m
RT: 23.056 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25



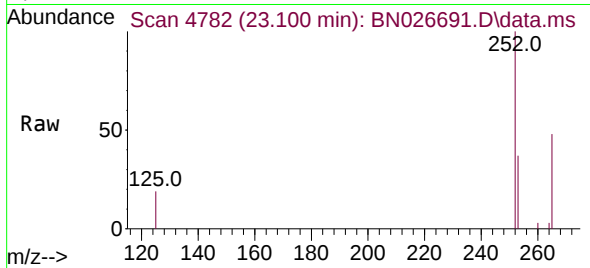
Tgt Ion:252 Resp: 17495
Ion Ratio Lower Upper
252 100
253 30.1 0.0 68.6
125 13.5 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.100 min Scan# 4784
Delta R.T. -0.015 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25

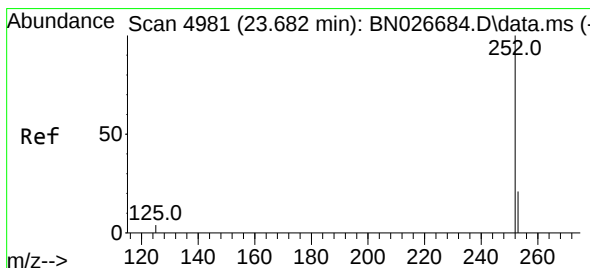
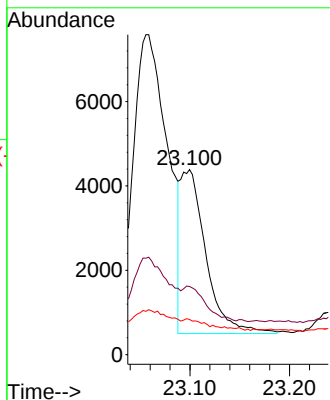
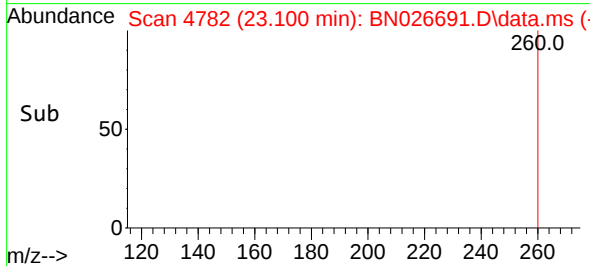
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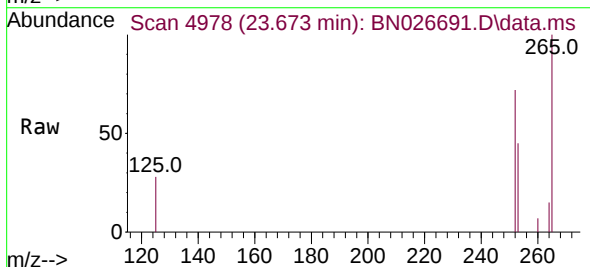
Tgt Ion:252 Resp: 685
Ion Ratio Lower Upper
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253 36.8 27.2 40.8
125 19.0 13.4 20.2

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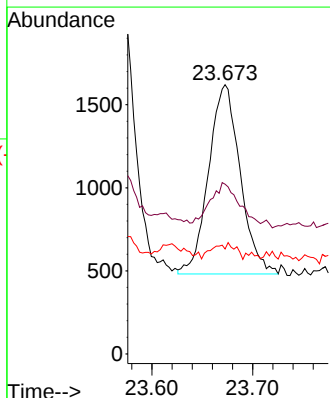
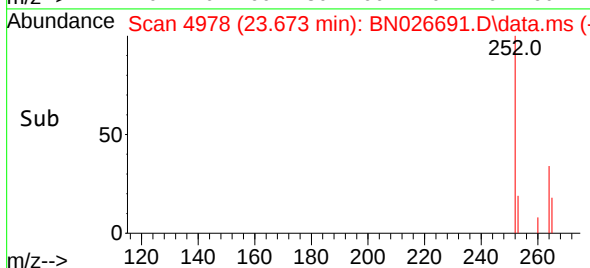
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

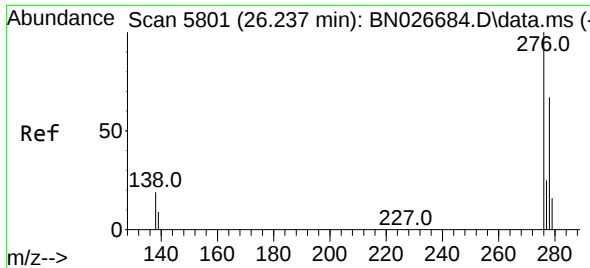


#26
Benzo(a)pyrene
Concen: 0.072 ng/ul
RT: 23.673 min Scan# 4978
Delta R.T. -0.012 min
Lab File: BN026691.D
Acq: 24 Jul 2023 00:25



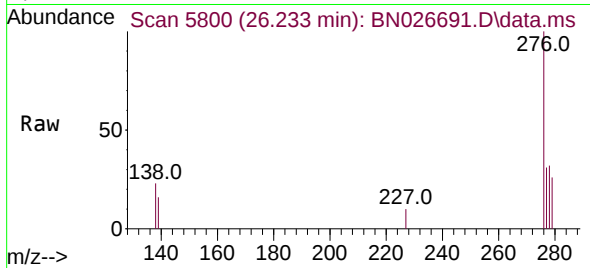
Tgt Ion:252 Resp: 2483
Ion Ratio Lower Upper
252 100
253 63.0 32.6 49.0#
125 39.0 19.3 28.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.126 ng/ul
 RT: 26.233 min Scan# 5801
 Delta R.T. -0.018 min
 Lab File: BN026691.D
 Acq: 24 Jul 2023 00:25

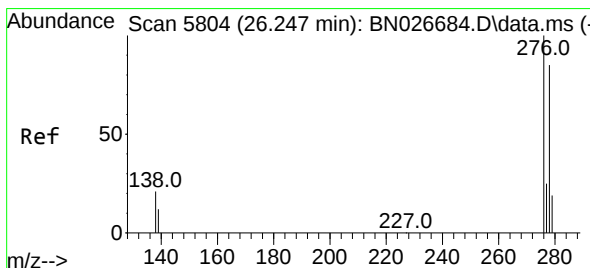
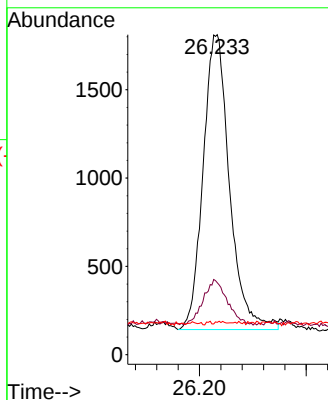
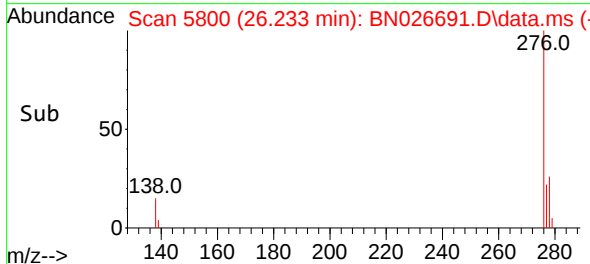
Instrument :
 BNA_N
 ClientSampleId :
 A46S9DL



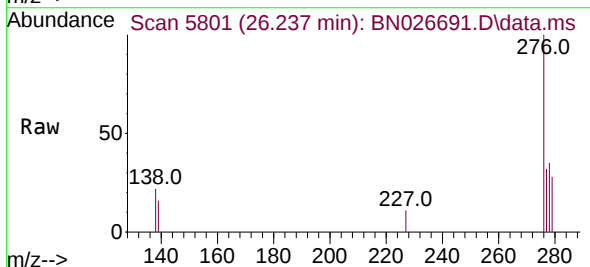
Tgt Ion: 276 Resp: 573
 Ion Ratio Lower Upper
 276 100
 138 0.0 22.2 33.4#
 227 0.7 0.1 0.1#

Manual Integrations
 APPROVED

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



#28
 Dibenzo(a,h)anthracene
 Concen: 0.049 ng/ul
 RT: 26.237 min Scan# 5801
 Delta R.T. -0.021 min
 Lab File: BN026691.D
 Acq: 24 Jul 2023 00:25



Tgt Ion: 278 Resp: 1719
 Ion Ratio Lower Upper
 278 100
 139 45.7 18.9 28.3#
 279 79.3 31.3 46.9#

