

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026658.D
 Acq On : 22 Jul 2023 17:19
 Operator : MA/JU
 Sample : 03472-22RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R3

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 23:12:25 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 : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2815	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.625	136	9354	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.467	164	5822	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	23492	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.413	240	7971	0.400	ng/ul	#-0.01
23) Perylene-d12	23.787	264	8381	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	10390	2.802	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	6219	0.489	ng/ul	-0.02
18) Fluoranthene-d10	19.245	212	14997	0.543	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	1721	0.067	ng/ul#	83
7) 2-Methylnaphthalene	12.302	142	606	0.042	ng/ul	99
8) 1-Methylnaphthalene	12.517	142	1528	0.098	ng/ul	87
10) Acenaphthylene	14.190	152	3501	0.123	ng/ul#	85
12) Fluorene	15.517	166	4275	0.188	ng/ul#	96
15) Phenanthrene	17.257	178	51734	0.691	ng/ul	98
16) Anthracene	17.346	178	7694	0.119	ng/ul	96
19) Fluoranthene	19.278	202	94402	2.527	ng/ul	99
20) Pyrene	19.640	202	90687	2.235	ng/ul	98
21) Benzo(a)anthracene	21.396	228	34261	1.170	ng/ul	98
22) Chrysene	21.451	228	41269	1.238	ng/ul	97
24) Benzo(b)fluoranthene	23.065	252	49578m	1.518	ng/ul	
25) Benzo(k)fluoranthene	23.108	252	17700m	0.517	ng/ul	
26) Benzo(a)pyrene	23.679	252	30939	1.065	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.240	276	22779	0.598	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.243	278	5375	0.184	ng/ul#	78
29) Benzo(g,h,i)perylene	26.995	276	24295	0.722	ng/ul	97

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

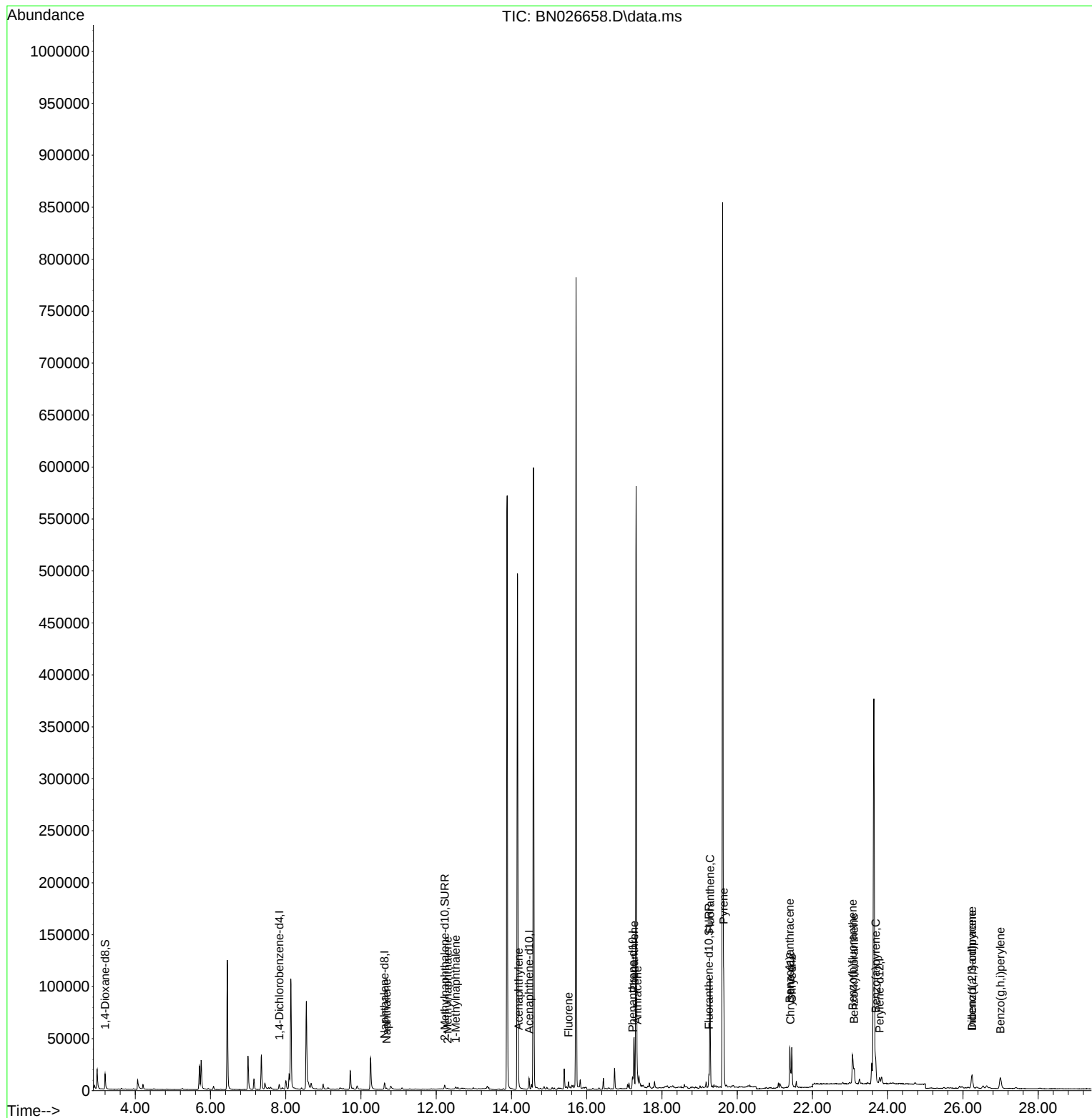
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026658.D
Acq On : 22 Jul 2023 17:19
Operator : MA/JU
Sample : 03472-22RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

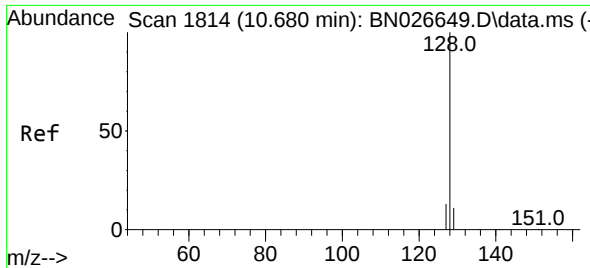
Instrument :
BNA_N
ClientSampleId :
A46R3

Manual Integrations
APPROVED

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

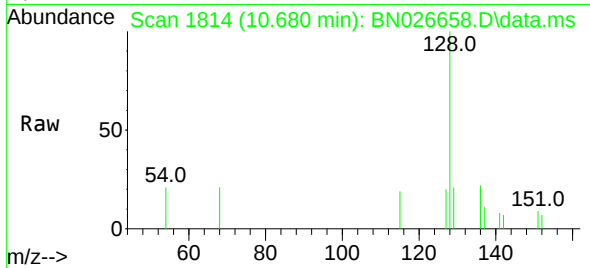
Quant Time: Jul 22 23:12:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

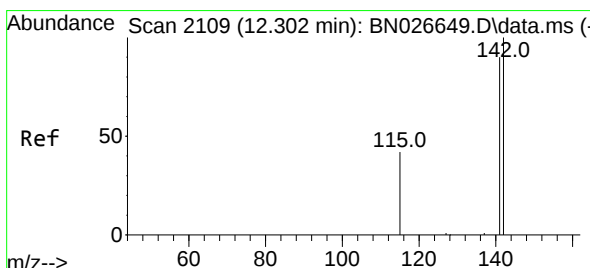
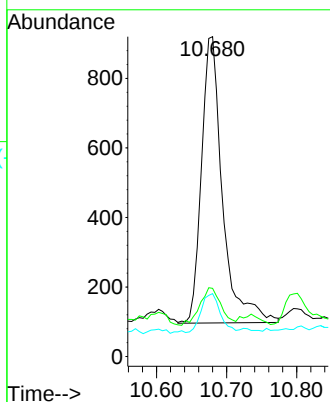
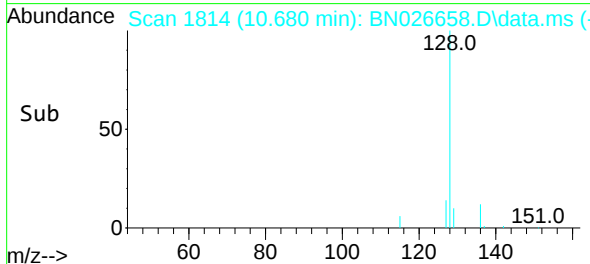
Instrument :
BNA_N
ClientSampleId :
A46R3



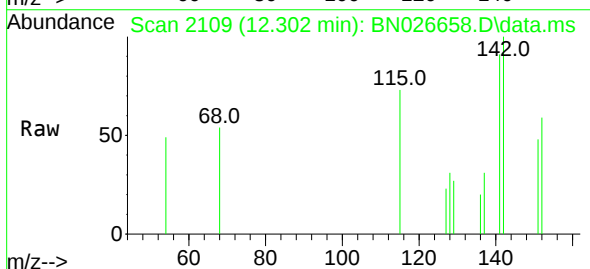
Tgt Ion:128 Resp: 172
Ion Ratio Lower Upper
128 100
129 21.3 10.2 15.2
127 19.7 11.4 17.0

Manual Integrations
APPROVED

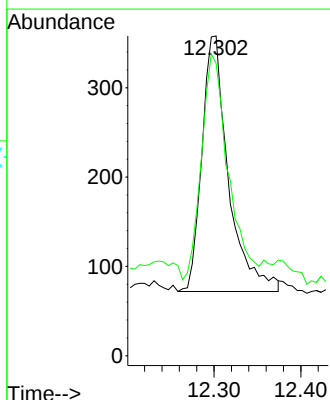
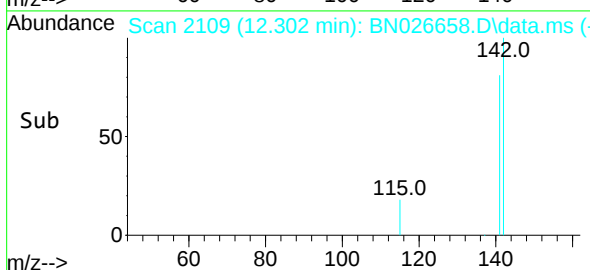
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

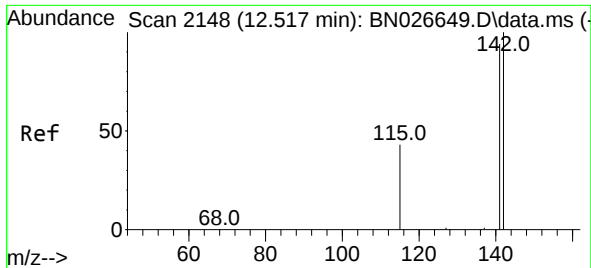


#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. -0.011 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19



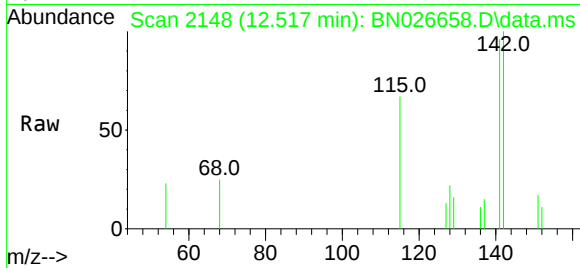
Tgt Ion:142 Resp: 606
Ion Ratio Lower Upper
142 100
141 91.6 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

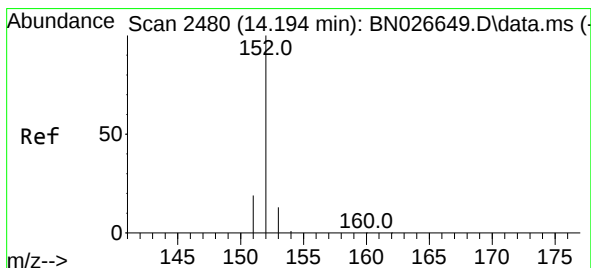
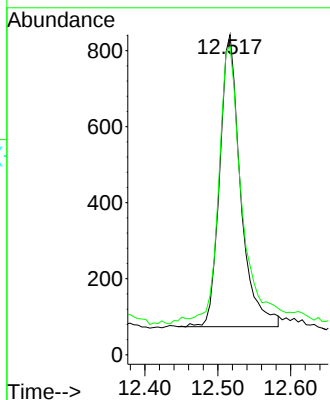
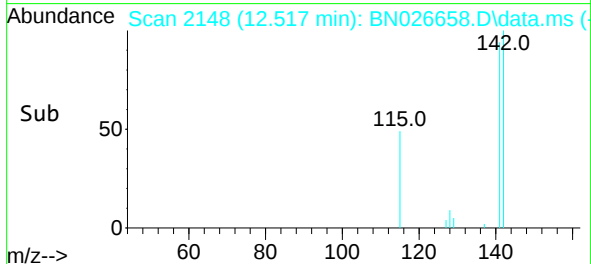
Instrument :
BNA_N
ClientSampleId :
A46R3



Tgt Ion:142 Resp: 1528
Ion Ratio Lower Upper
142 100
141 105.7 74.5 111.7

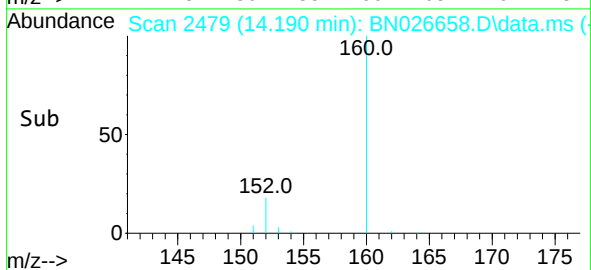
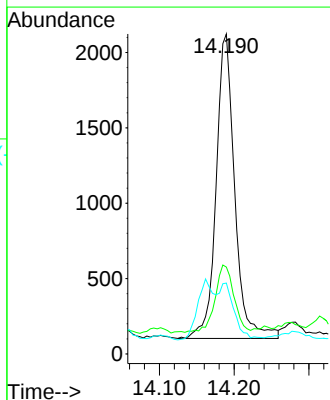
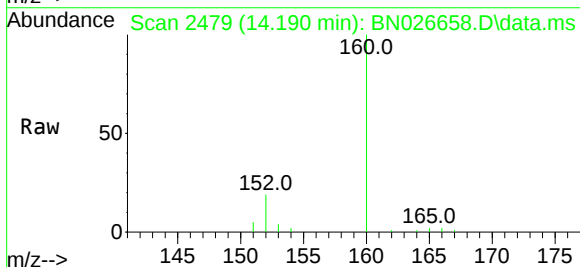
Manual Integrations
APPROVED

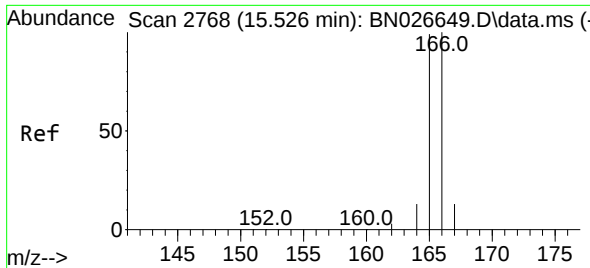
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.123 ng/ul
RT: 14.190 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

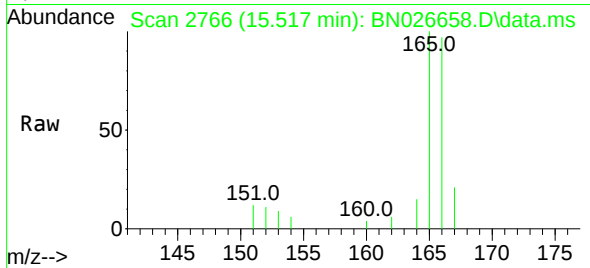
Tgt Ion:152 Resp: 3501
Ion Ratio Lower Upper
152 100
151 27.1 17.0 25.6#
153 22.1 11.4 17.2#





#12
Fluorene
Concen: 0.188 ng/u1
RT: 15.517 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

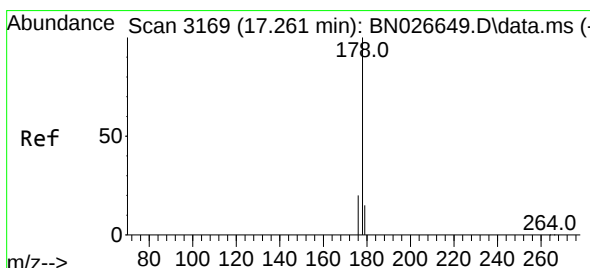
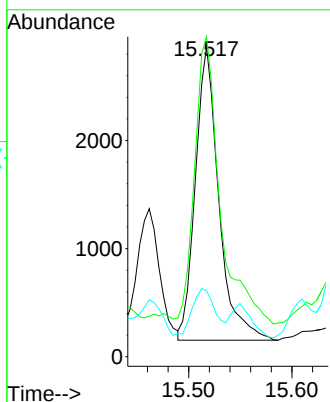
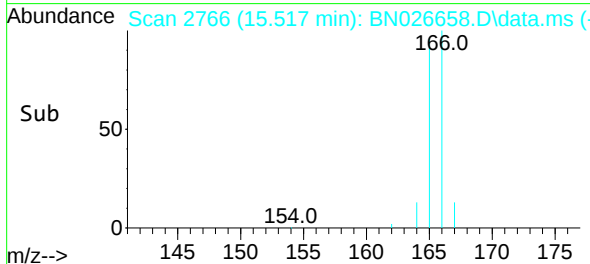
Instrument :
BNA_N
ClientSampleId :
A46R3



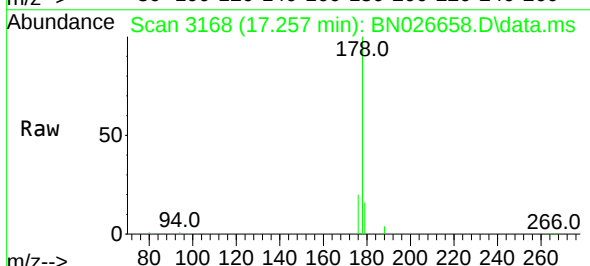
Tgt Ion:166 Resp: 4275
Ion Ratio Lower Upper
166 100
165 103.2 80.6 120.8
167 21.2 12.0 18.0

Manual Integrations
APPROVED

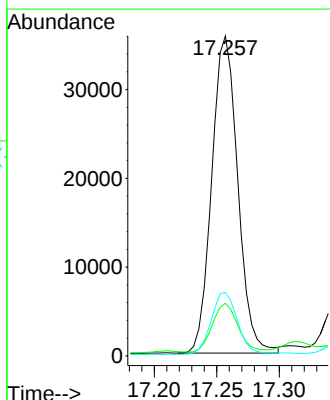
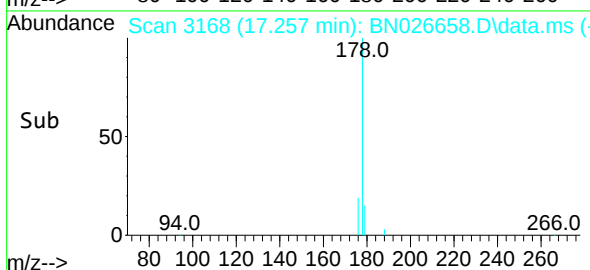
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

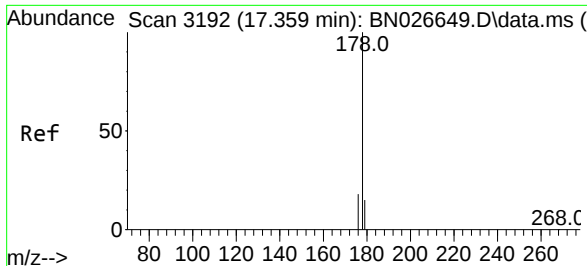


#15
Phenanthrene
Concen: 0.691 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.009 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19



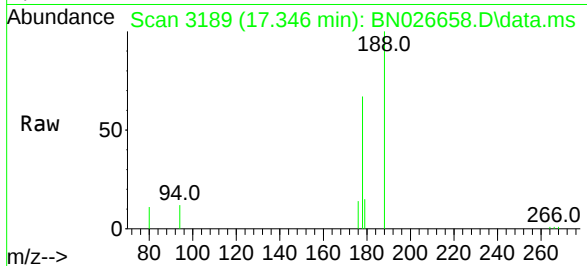
Tgt Ion:178 Resp: 51734
Ion Ratio Lower Upper
178 100
179 16.5 13.7 20.5
176 19.8 16.5 24.7





#16
 Anthracene
 Concen: 0.119 ng/ul
 RT: 17.346 min Scan# 3192
 Delta R.T. -0.017 min
 Lab File: BN026658.D
 Acq: 22 Jul 2023 17:19

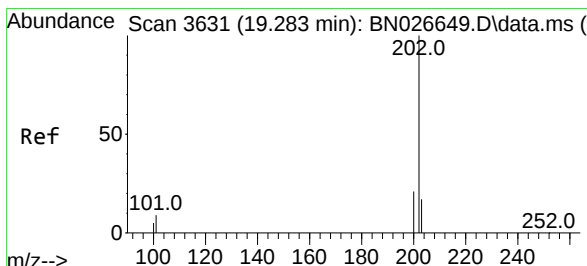
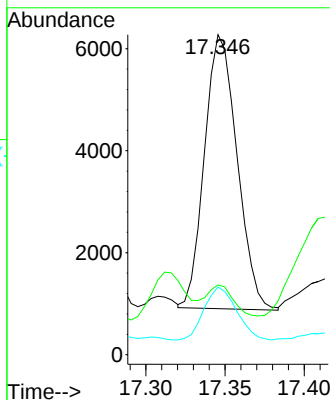
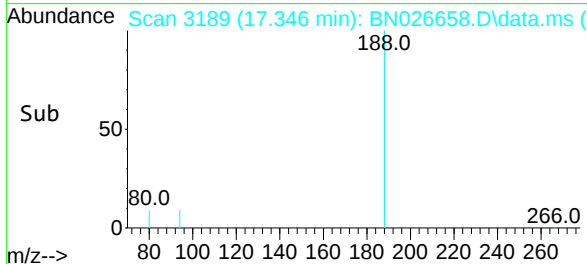
Instrument :
 BNA_N
 ClientSampleId :
 A46R3



Tgt Ion:178 Resp: 7694
 Ion Ratio Lower Upper
 178 100
 179 21.8 14.8 22.2
 176 21.1 16.6 25.0

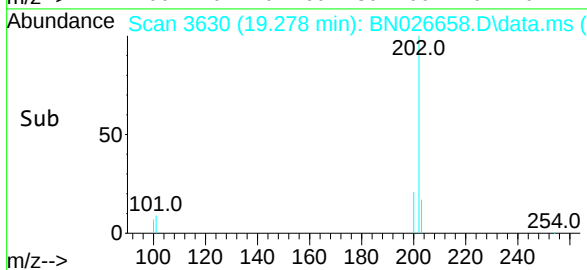
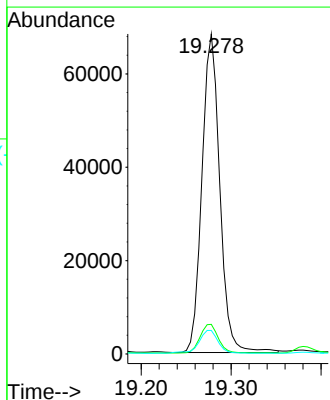
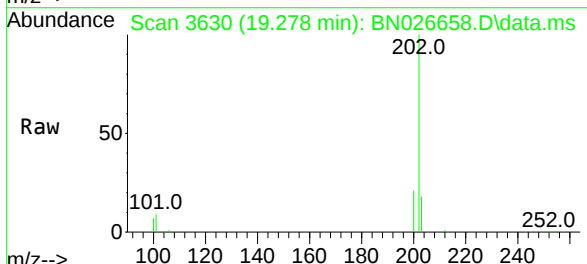
Manual Integrations
 APPROVED

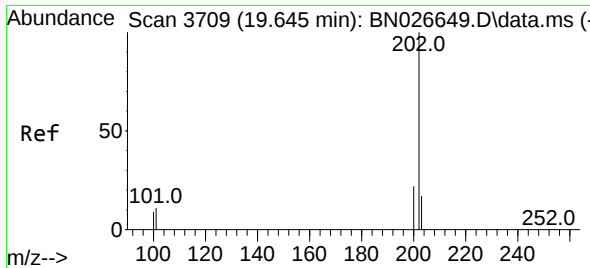
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 2.527 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026658.D
 Acq: 22 Jul 2023 17:19

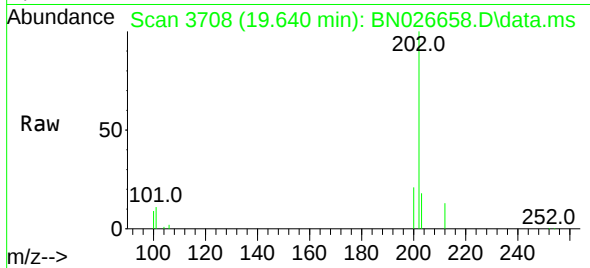
Tgt Ion:202 Resp: 94402
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.0 10.4
 100 7.4 6.0 9.0





#20
Pyrene
Concen: 2.235 ng/ul
RT: 19.640 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

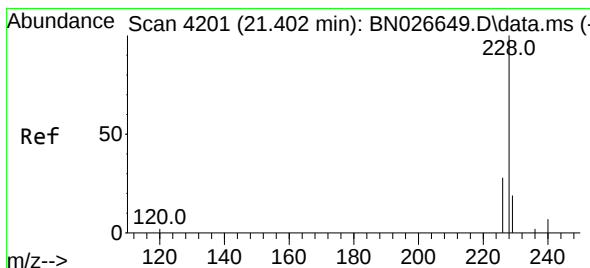
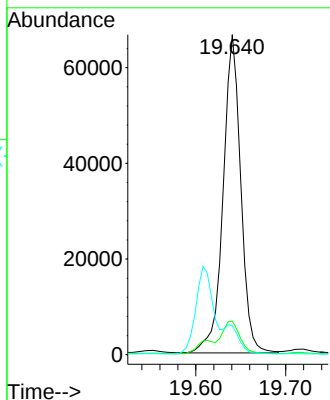
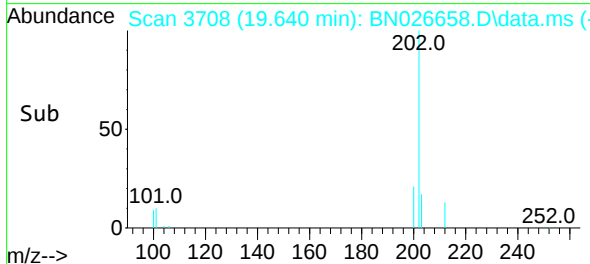
Instrument :
BNA_N
ClientSampleId :
A46R3



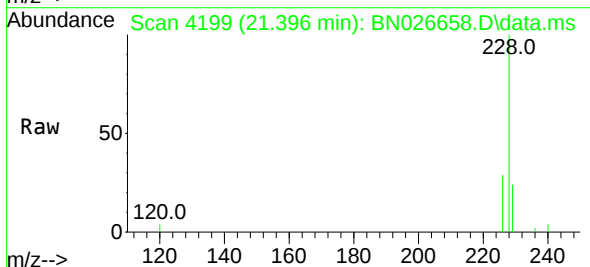
Tgt Ion:202 Resp: 9068
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 9.0 6.2 9.2

Manual Integrations
APPROVED

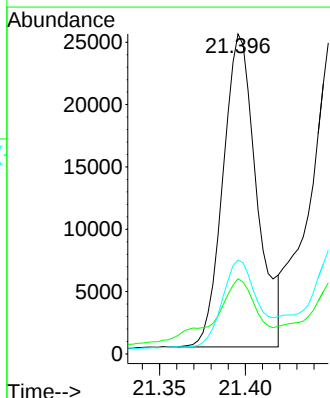
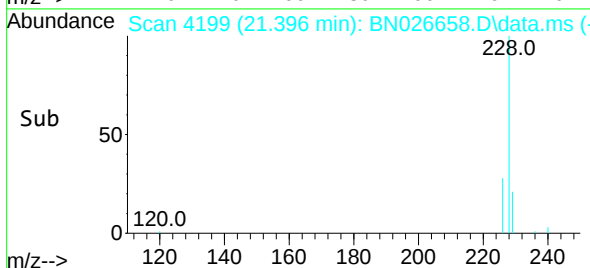
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

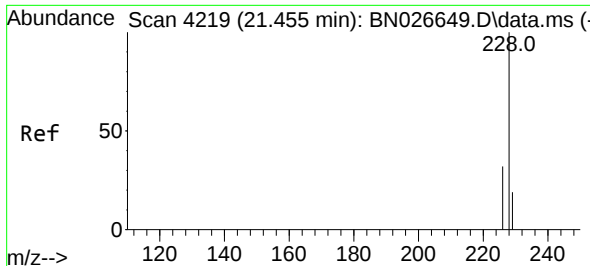


#21
Benzo(a)anthracene
Concen: 1.170 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.015 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19



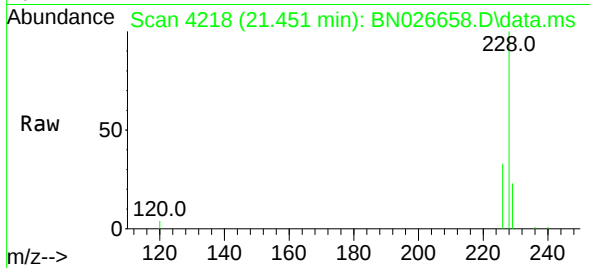
Tgt Ion:228 Resp: 34261
Ion Ratio Lower Upper
228 100
229 23.5 16.7 25.1
226 29.4 23.5 35.3





#22
Chrysene
Concen: 1.238 ng/ul
RT: 21.451 min Scan# 41269
Delta R.T. -0.012 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

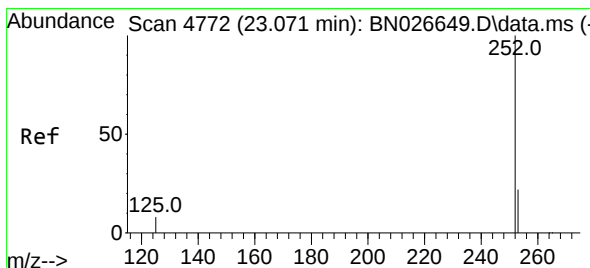
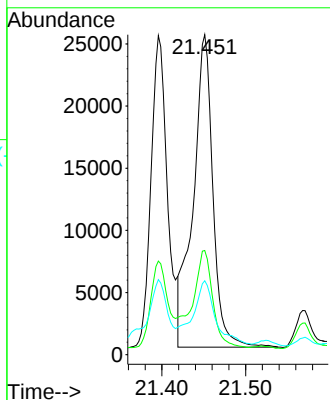
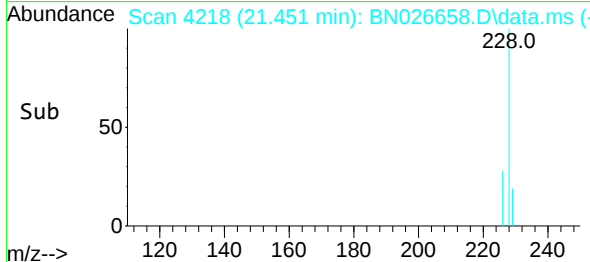
Instrument :
BNA_N
ClientSampleId :
A46R3



Tgt Ion:228 Resp: 41269
Ion Ratio Lower Upper
228 100
226 32.5 25.2 37.8
229 23.1 16.4 24.6

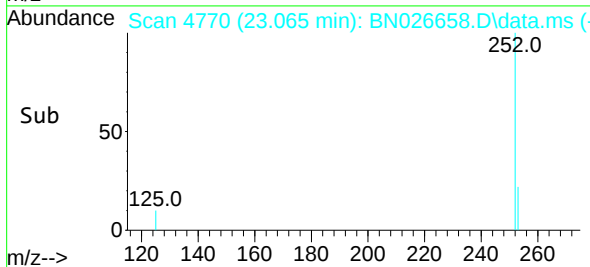
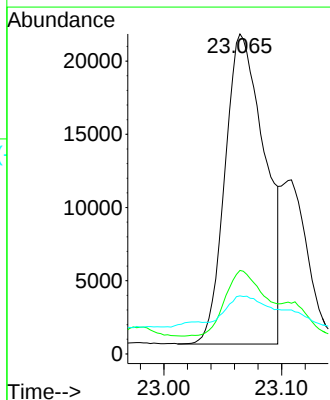
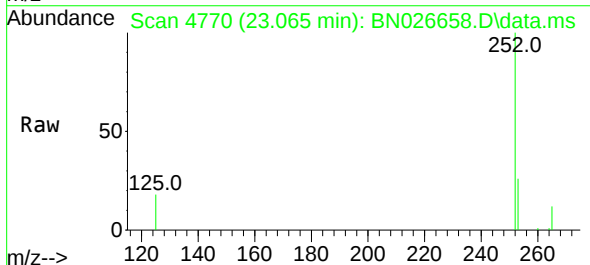
Manual Integrations
APPROVED

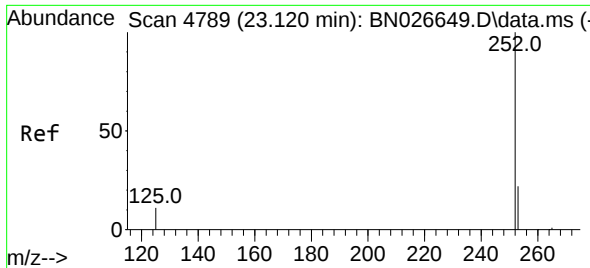
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#24
Benzo(b)fluoranthene
Concen: 1.518 ng/ul m
RT: 23.065 min Scan# 4770
Delta R.T. -0.015 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

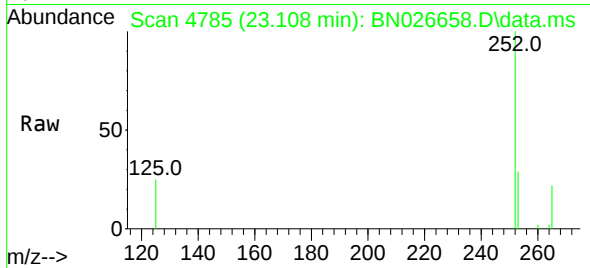
Tgt Ion:252 Resp: 49578
Ion Ratio Lower Upper
252 100
253 26.1 0.0 68.6
125 18.2 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.517 ng/ul m
RT: 23.108 min Scan# 4785
Delta R.T. -0.021 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

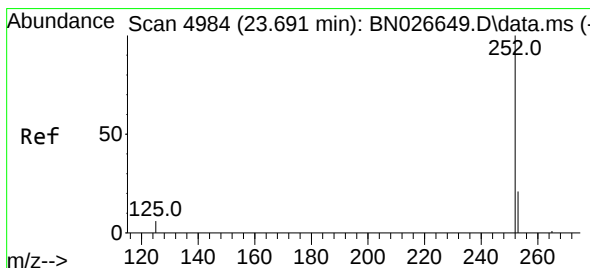
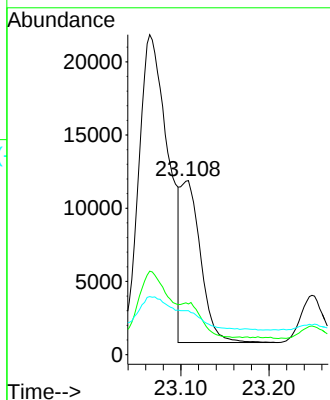
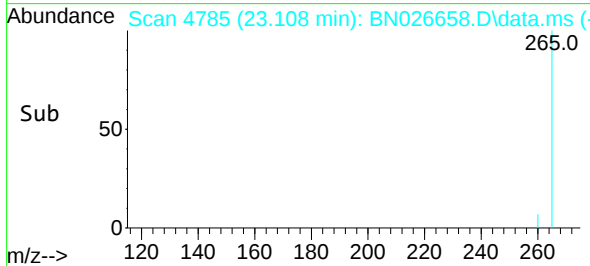
Instrument :
BNA_N
ClientSampleId :
A46R3



Tgt Ion:252 Resp: 17700
Ion Ratio Lower Upper
252 100
253 29.1 27.2 40.8
125 25.3 13.4 20.2

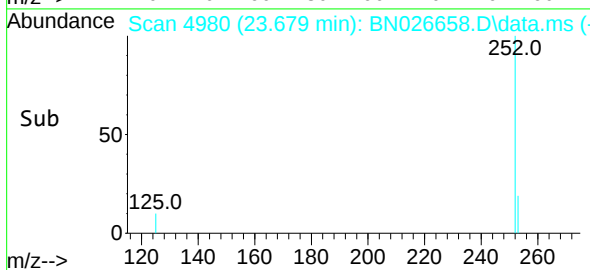
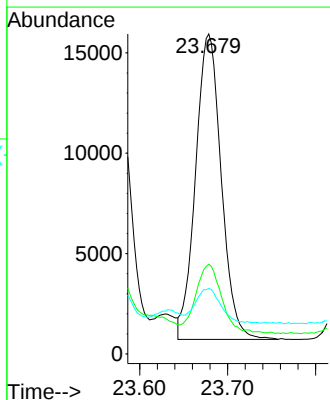
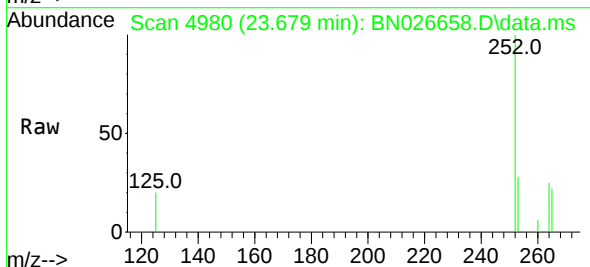
Manual Integrations
APPROVED

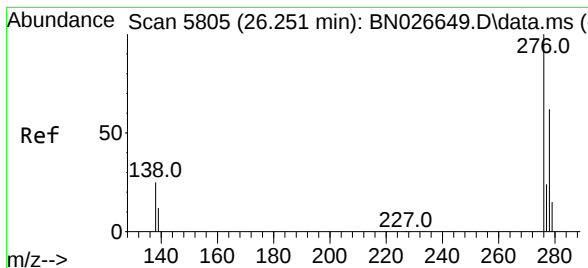
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#26
Benzo(a)pyrene
Concen: 1.065 ng/ul
RT: 23.679 min Scan# 4980
Delta R.T. -0.018 min
Lab File: BN026658.D
Acq: 22 Jul 2023 17:19

Tgt Ion:252 Resp: 30939
Ion Ratio Lower Upper
252 100
253 28.1 32.6 49.0#
125 20.4 19.3 28.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.598 ng/ul

RT: 26.240 min Scan# 5802

Delta R.T. -0.017 min

Lab File: BN026658.D

Acq: 22 Jul 2023 17:19

Instrument :

BNA_N

ClientSampleId :

A46R3

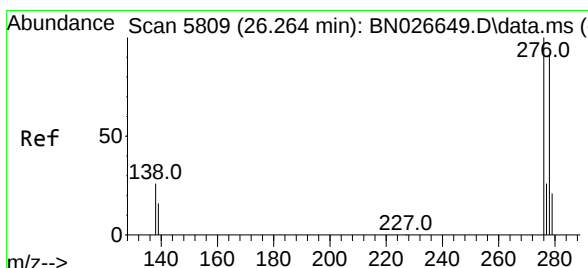
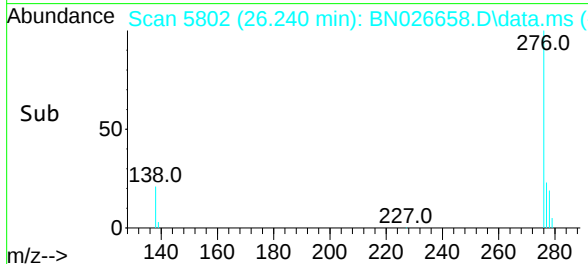
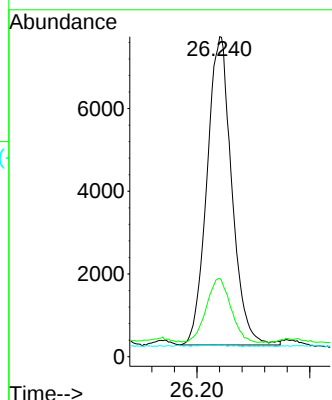
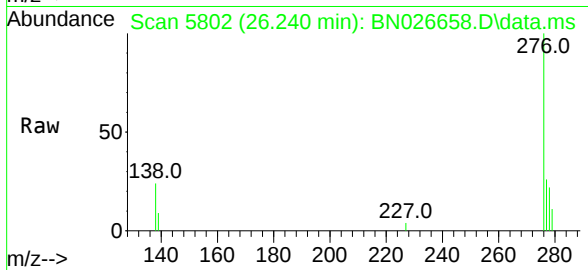
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	22.2	33.4
227	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.184 ng/ul

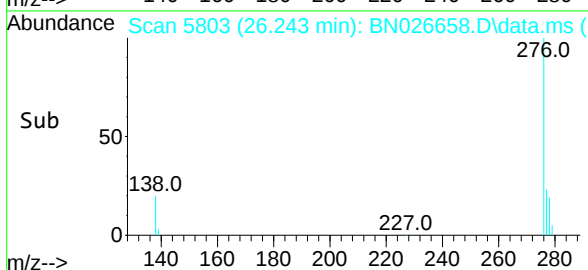
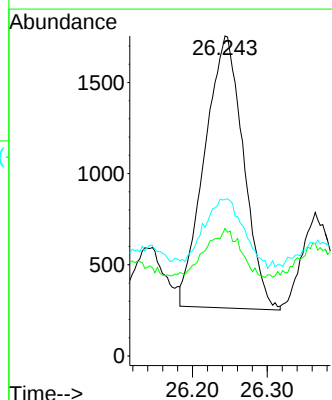
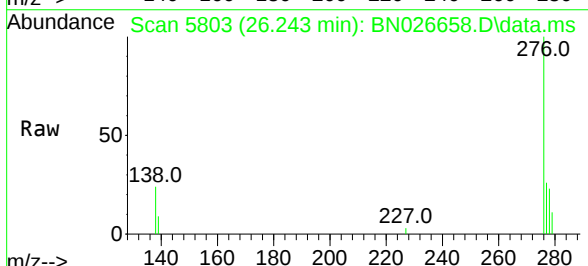
RT: 26.243 min Scan# 5803

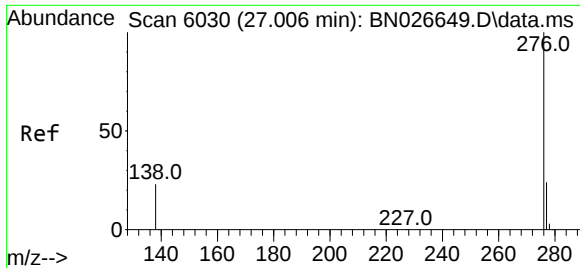
Delta R.T. -0.031 min

Lab File: BN026658.D

Acq: 22 Jul 2023 17:19

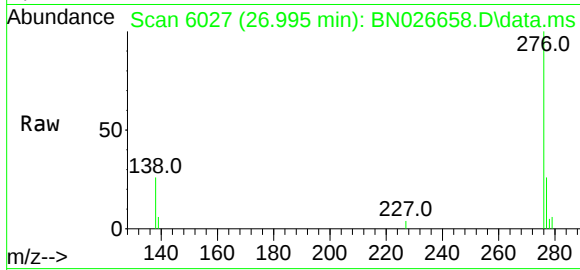
Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.8	18.9	28.3
279	48.8	31.3	46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.722 ng/ul
 RT: 26.995 min Scan# 6030
 Delta R.T. -0.017 min
 Lab File: BN026658.D
 Acq: 22 Jul 2023 17:19

Instrument :
 BNA_N
 ClientSampleId :
 A46R3



Tgt Ion: 276 Resp: 24295

Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.6	34.0
277	26.4	21.8	32.8

Manual Integrations
 APPROVED

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

