

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BN026506.D
 Acq On : 14 Jul 2023 18:51
 Operator : MA/JU
 Sample : 03284-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:55:23 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 : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3069	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.754	136	9340	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.585	164	5861	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	13028	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	11707	0.400	ng/ul	# 0.00
23) Perylene-d12	23.938	264	10521	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2706	0.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	3033	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.360	212	8352	0.206	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.803	128	10858	0.423	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	588	0.040	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	312	0.020	ng/ul	96
12) Fluorene	15.635	166	488	0.021	ng/ul#	85
15) Phenanthrene	17.373	178	10627	0.256	ng/ul	99
16) Anthracene	17.466	178	1570	0.044	ng/ul#	74
19) Fluoranthene	19.387	202	34428	0.627	ng/ul	98
20) Pyrene	19.750	202	28496	0.478	ng/ul	98
21) Benzo(a)anthracene	21.503	228	10847	0.252	ng/ul	98
22) Chrysene	21.559	228	15492	0.316	ng/ul	98
24) Benzo(b)fluoranthene	23.202	252	19255m	0.470	ng/ul	
25) Benzo(k)fluoranthene	23.245	252	6803m	0.158	ng/ul	
26) Benzo(a)pyrene	23.827	252	5056	0.139	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.458	276	7322	0.153	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.464	278	1593	0.043	ng/ul#	7
29) Benzo(g,h,i)perylene	27.239	276	7208	0.171	ng/ul	94

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

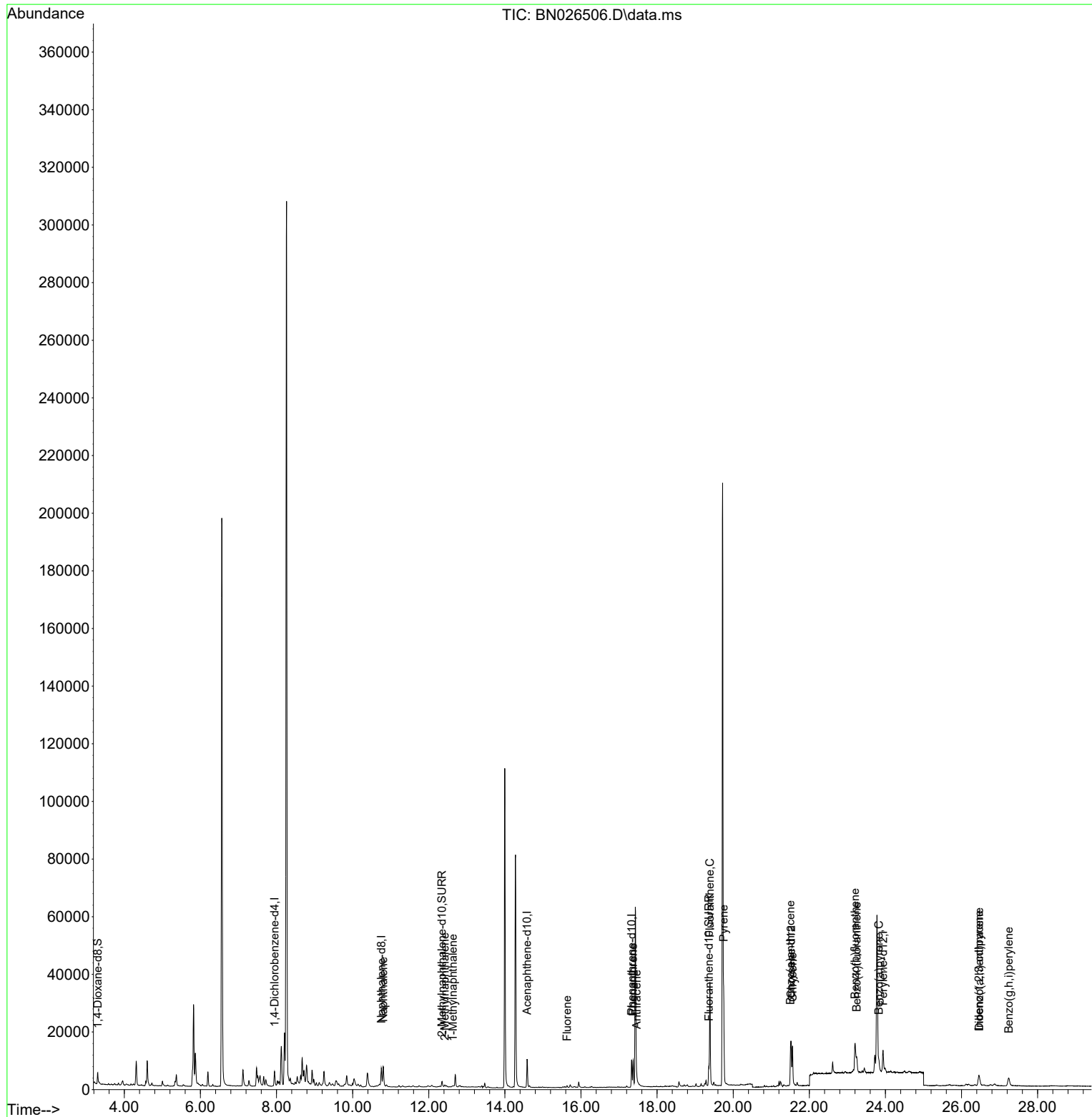
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
Data File : BN026506.D
Acq On : 14 Jul 2023 18:51
Operator : MA/JU
Sample : 03284-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

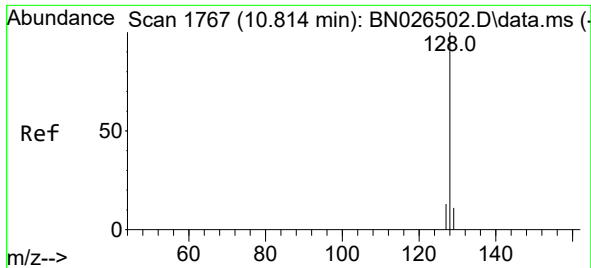
Instrument :
BNA_N
ClientSampleId :
DCGZ7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

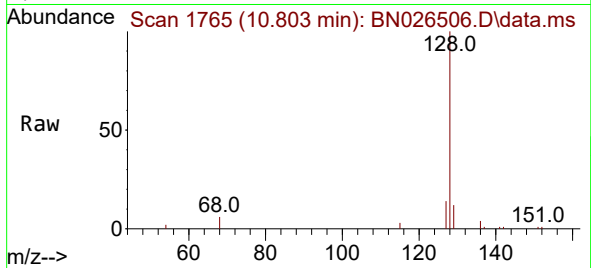
Quant Time: Jul 15 01:55:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.423 ng/ul
RT: 10.803 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

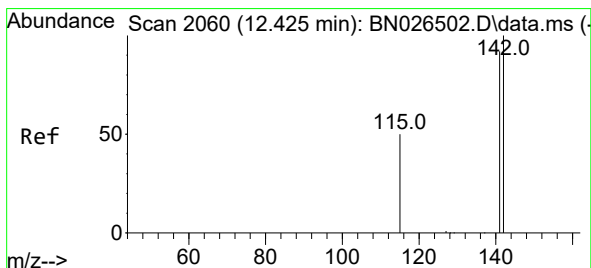
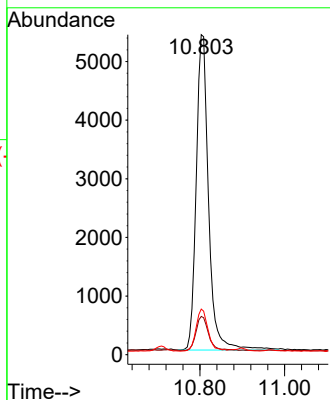
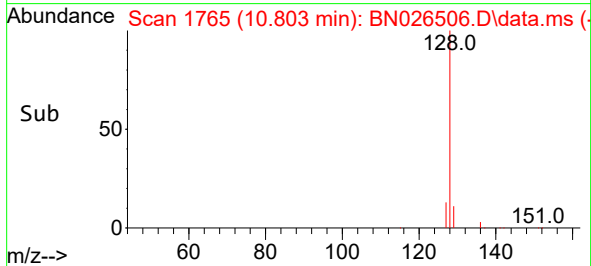
Instrument :
BNA_N
ClientSampleId :
DCGZ7



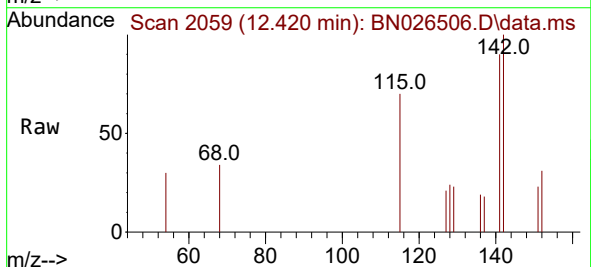
Tgt Ion:128 Resp: 1085
Ion Ratio Lower Upper
128 100
129 12.0 10.2 15.2
127 14.2 11.4 17.0

Manual Integrations
APPROVED

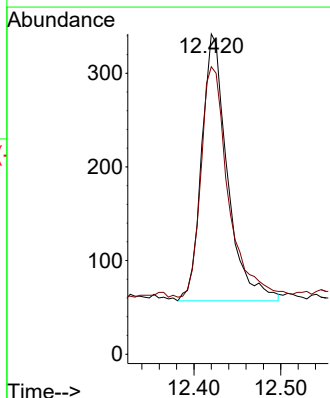
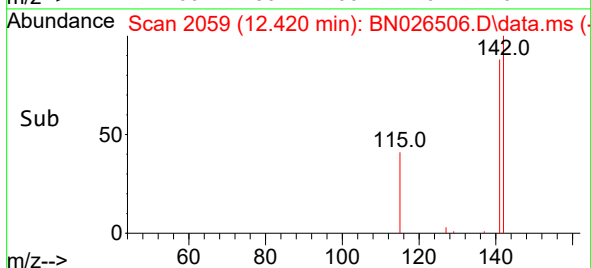
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

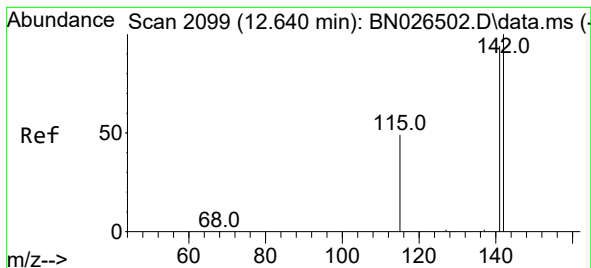


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51



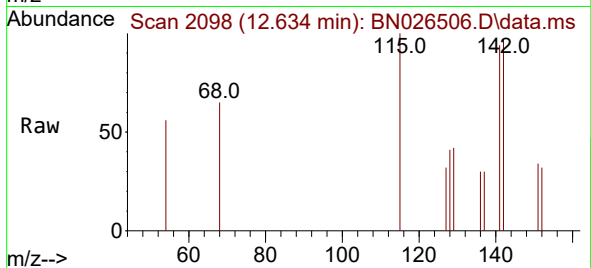
Tgt Ion:142 Resp: 588
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.634 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

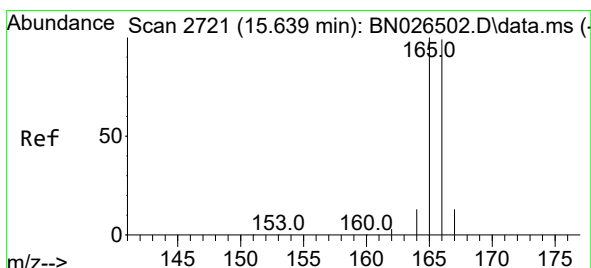
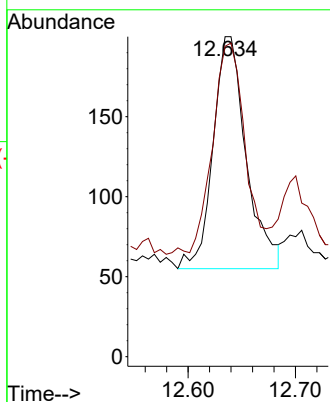
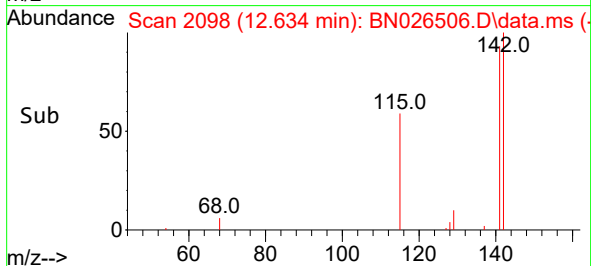
Instrument :
BNA_N
ClientSampleId :
DCGZ7



Tgt Ion:142 Resp: 312
Ion Ratio Lower Upper
142 100
141 88.8 74.5 111.7

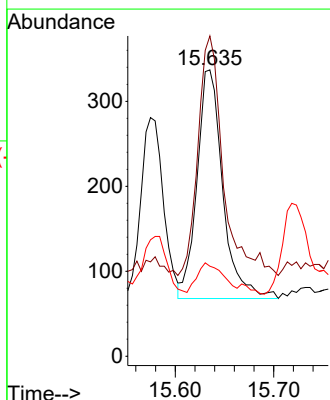
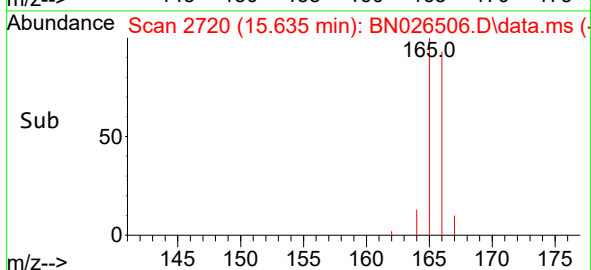
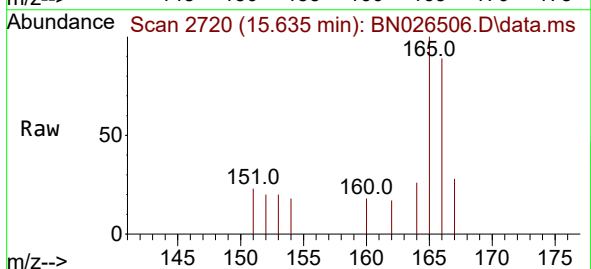
Manual Integrations
APPROVED

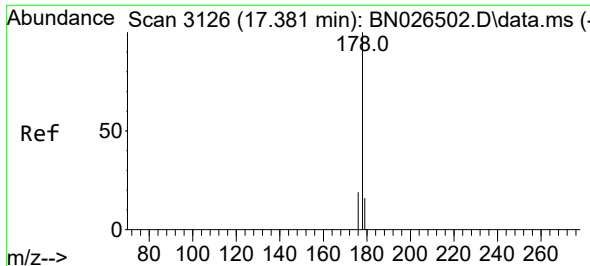
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.635 min Scan# 2720
Delta R.T. -0.004 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

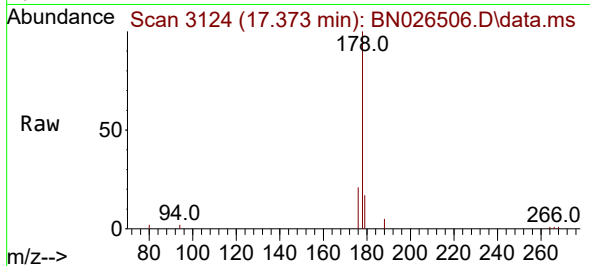
Tgt Ion:166 Resp: 488
Ion Ratio Lower Upper
166 100
165 111.9 80.6 120.8
167 31.5 12.0 18.0#





#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.373 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

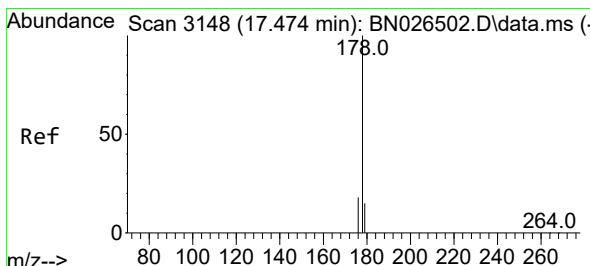
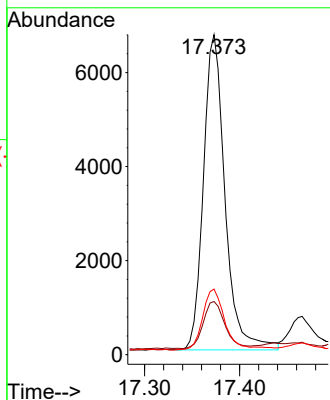
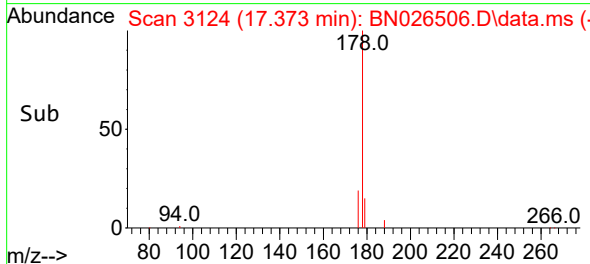
Instrument :
BNA_N
ClientSampleId :
DCGZ7



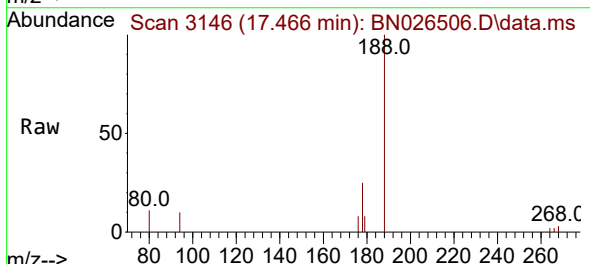
Tgt Ion:178 Resp: 1062
Ion Ratio Lower Upper
178 100
179 16.6 13.7 20.5
176 20.5 16.5 24.7

Manual Integrations
APPROVED

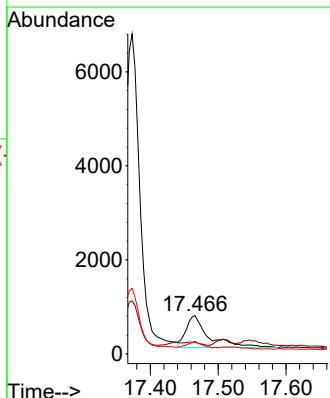
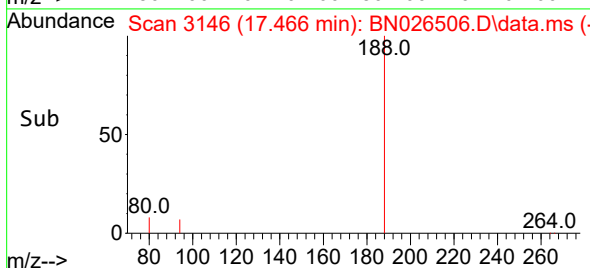
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

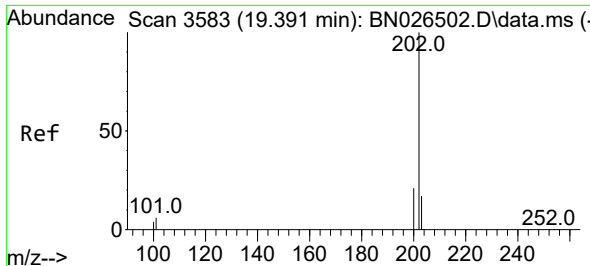


#16
Anthracene
Concen: 0.044 ng/ul
RT: 17.466 min Scan# 3146
Delta R.T. -0.008 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51



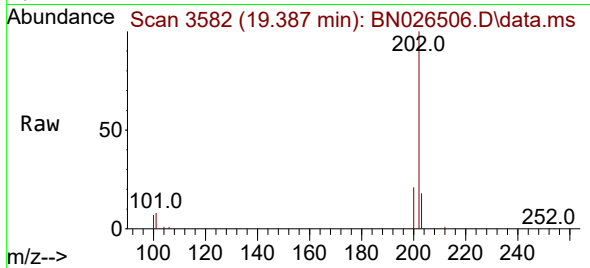
Tgt Ion:178 Resp: 1570
Ion Ratio Lower Upper
178 100
179 32.4 14.8 22.2#
176 30.7 16.6 25.0#





#19
Fluoranthene
Concen: 0.627 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.004 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

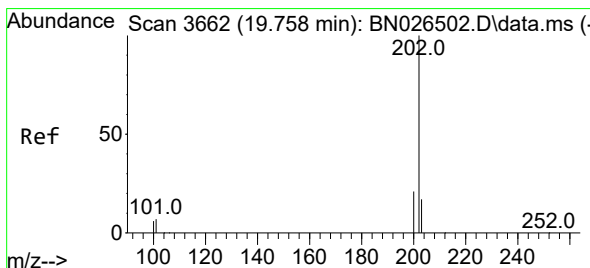
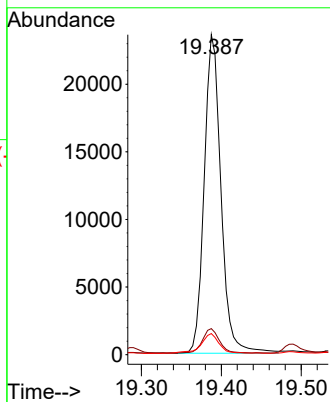
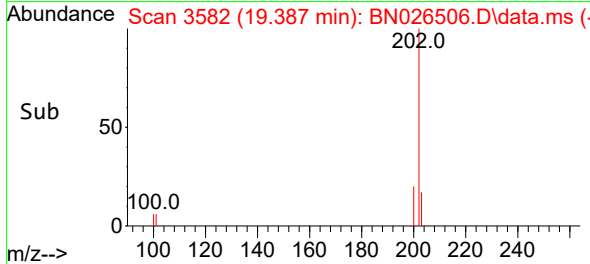
Instrument :
BNA_N
ClientSampleId :
DCGZ7



Tgt Ion:202 Resp: 34428
Ion Ratio Lower Upper
202 100
101 8.2 7.0 10.4
100 6.6 6.0 9.0

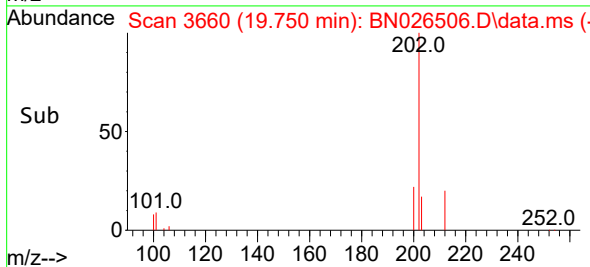
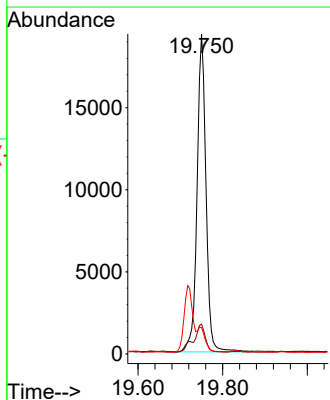
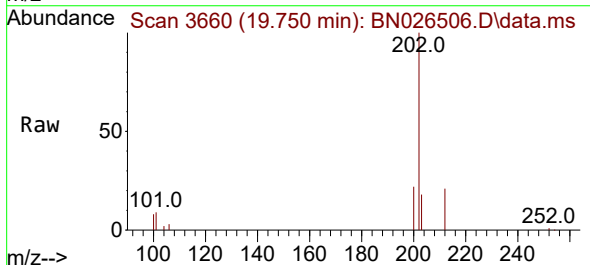
Manual Integrations
APPROVED

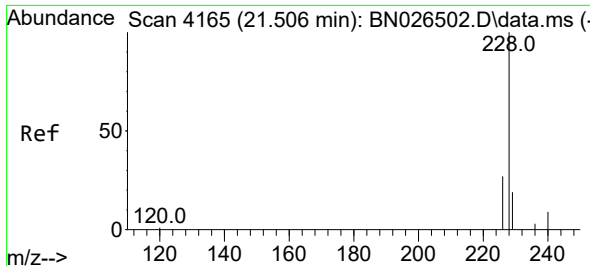
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 0.478 ng/ul
RT: 19.750 min Scan# 3660
Delta R.T. -0.008 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

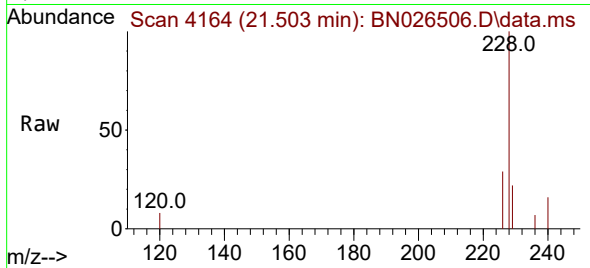
Tgt Ion:202 Resp: 28496
Ion Ratio Lower Upper
202 100
101 9.3 8.0 12.0
100 8.2 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.252 ng/ul
RT: 21.503 min Scan# 4165
Delta R.T. -0.002 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

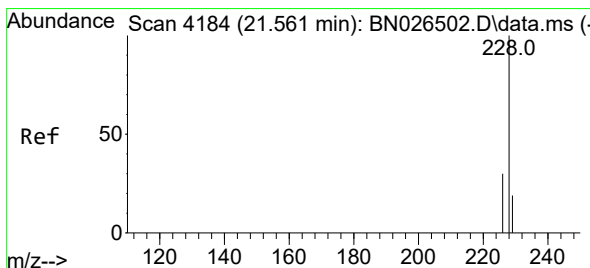
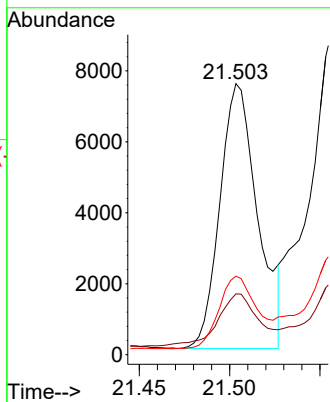
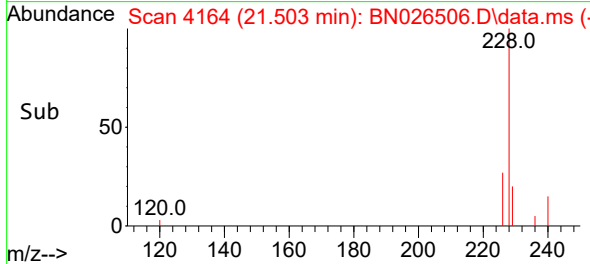
Instrument :
BNA_N
ClientSampleId :
DCGZ7



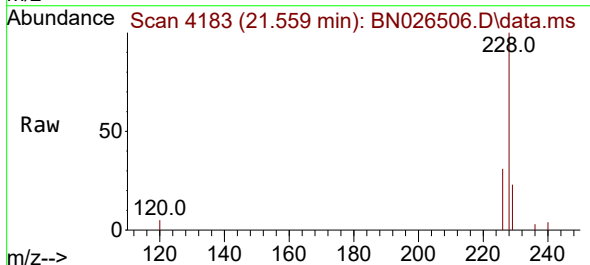
Tgt Ion:228 Resp: 1084
Ion Ratio Lower Upper
228 100
229 22.4 16.7 25.1
226 29.0 23.5 35.3

Manual Integrations
APPROVED

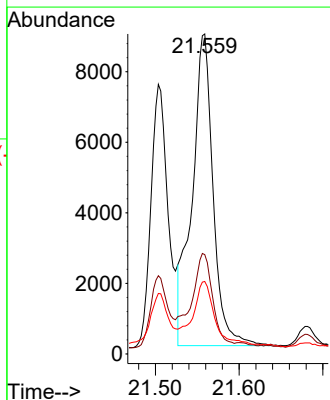
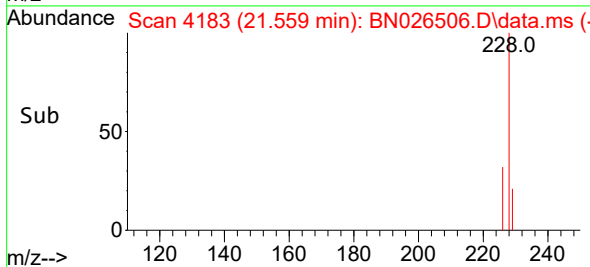
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

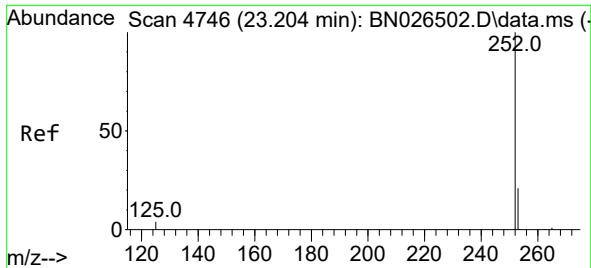


#22
Chrysene
Concen: 0.316 ng/ul
RT: 21.559 min Scan# 4183
Delta R.T. -0.002 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51



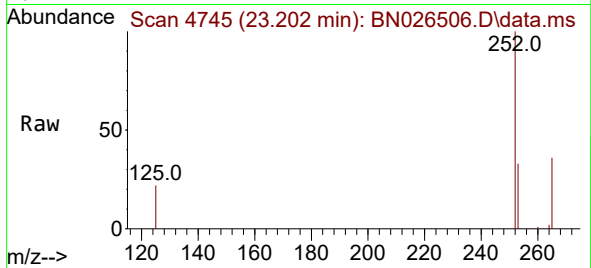
Tgt Ion:228 Resp: 15492
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 22.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul m
RT: 23.202 min Scan# 4745
Delta R.T. -0.002 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

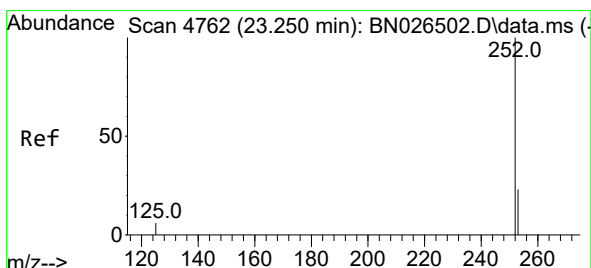
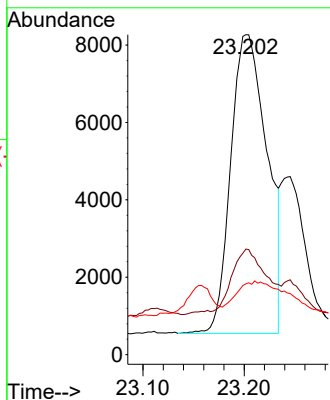
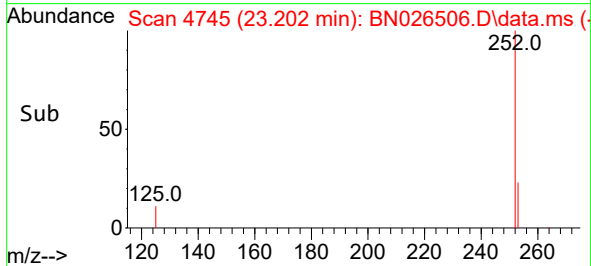
Instrument :
BNA_N
ClientSampleId :
DCGZ7



Tgt Ion:252 Resp: 1925
Ion Ratio Lower Upper
252 100
253 33.0 0.0 68.6
125 22.1 0.0 34.0

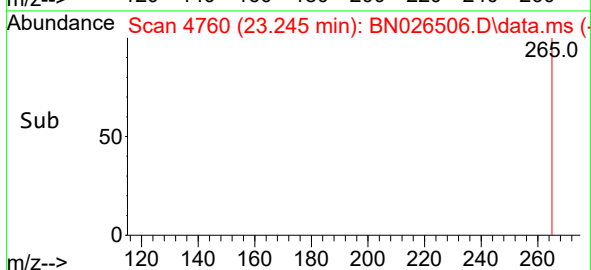
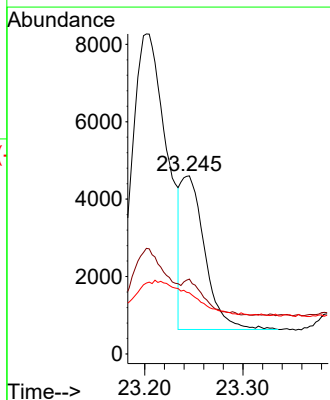
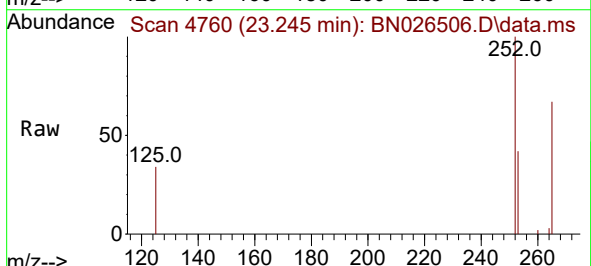
Manual Integrations
APPROVED

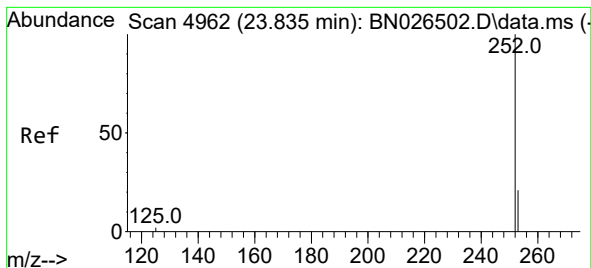
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#25
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. -0.005 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

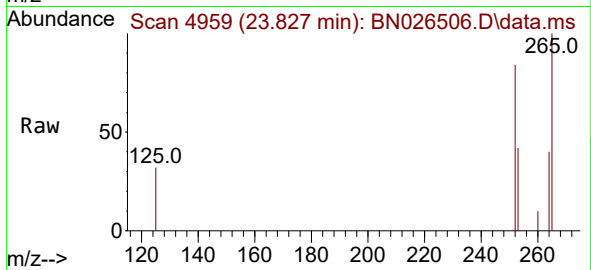
Tgt Ion:252 Resp: 6803
Ion Ratio Lower Upper
252 100
253 42.0 27.2 40.8#
125 34.4 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.139 ng/ul
RT: 23.827 min Scan# 4959
Delta R.T. -0.008 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51

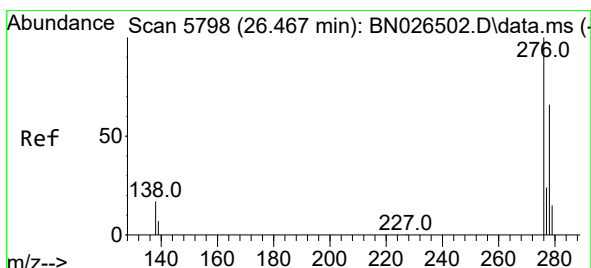
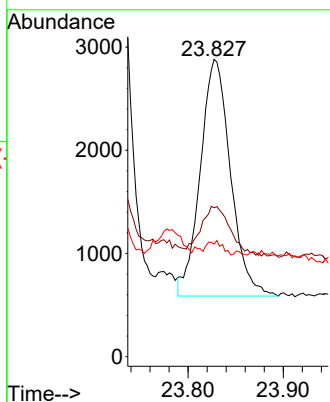
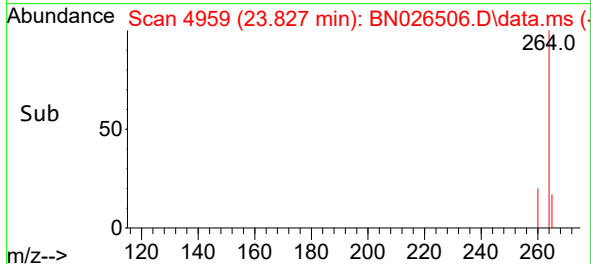
Instrument :
BNA_N
ClientSampleId :
DCGZ7



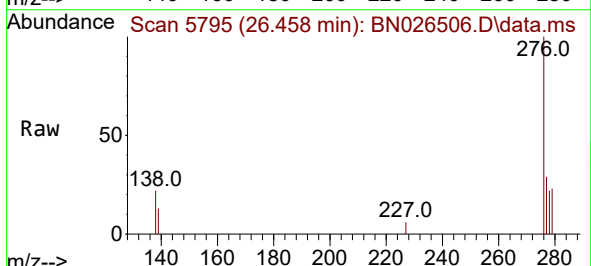
Tgt Ion:252 Resp: 5050
Ion Ratio Lower Upper
252 100
253 50.1 32.6 49.0#
125 37.9 19.3 28.9#

Manual Integrations
APPROVED

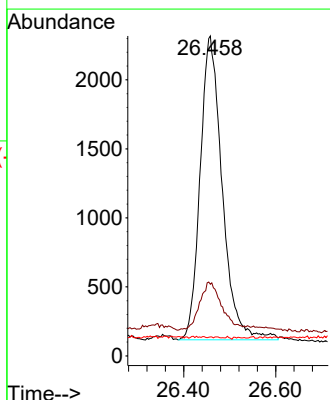
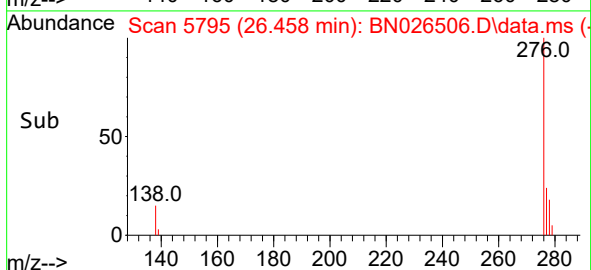
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

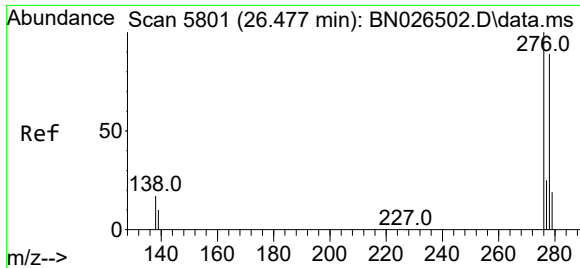


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.153 ng/ul
RT: 26.458 min Scan# 5795
Delta R.T. -0.009 min
Lab File: BN026506.D
Acq: 14 Jul 2023 18:51



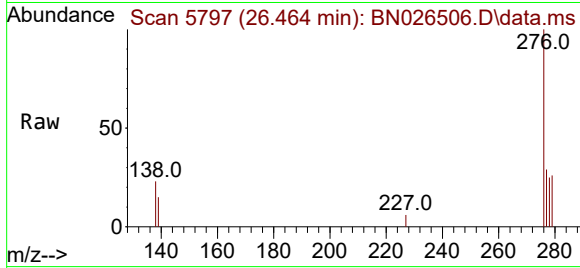
Tgt Ion:276 Resp: 7322
Ion Ratio Lower Upper
276 100
138 18.8 22.2 33.4#
227 0.1 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.043 ng/ul
 RT: 26.464 min Scan# 5797
 Delta R.T. -0.013 min
 Lab File: BN026506.D
 Acq: 14 Jul 2023 18:51

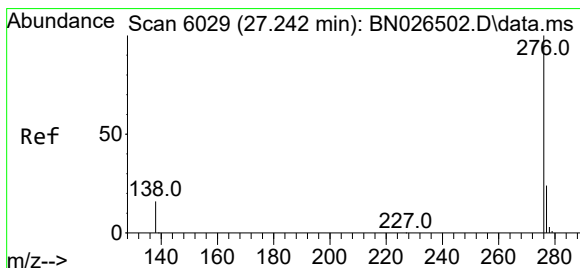
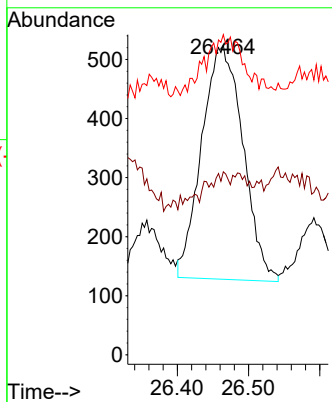
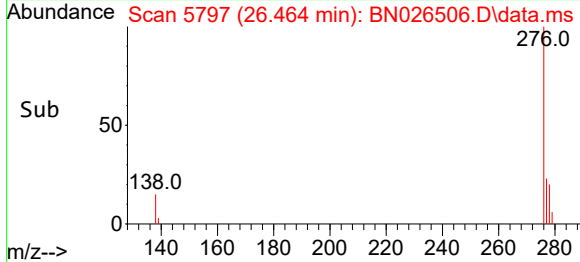
Instrument :
 BNA_N
 ClientSampleId :
 DCGZ7



Tgt Ion: 278 Resp: 159
 Ion Ratio Lower Upper
 278 100
 139 59.0 18.9 28.3
 279 103.2 31.3 46.9

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 07/17/2023
 Supervised By : mohammad ahmed 07/17/2023



#29
 Benzo(g,h,i)perylene
 Concen: 0.171 ng/ul
 RT: 27.239 min Scan# 6028
 Delta R.T. -0.003 min
 Lab File: BN026506.D
 Acq: 14 Jul 2023 18:51

Tgt Ion: 276 Resp: 7208
 Ion Ratio Lower Upper
 276 100
 138 23.9 22.6 34.0
 277 29.6 21.8 32.8

