

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026257.D
 Acq On : 04 Jul 2023 11:18
 Operator : MA/JU
 Sample : 03245-19DL 5X
 Misc :
 ALS Vial : 114 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 23:29:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	9322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	28882	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	15632	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	27295	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	17273	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	19769	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	3027	0.288	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	854	0.019	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	1297	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	9611	0.116	ng/ul	97
7) 2-Methylnaphthalene	12.425	142	1914	0.036	ng/ul	100
10) Acenaphthylene	14.312	152	10296	0.141	ng/ul	97
12) Fluorene	15.640	166	1561	0.023	ng/ul#	93
15) Phenanthrene	17.382	178	29478	0.327	ng/ul	100
16) Anthracene	17.474	178	9274	0.116	ng/ul#	94
19) Fluoranthene	19.401	202	77664	0.842	ng/ul	96
20) Pyrene	19.764	202	60962	0.635	ng/ul	96
21) Benzo(a)anthracene	21.515	228	38561	0.541	ng/ul	95
22) Chrysene	21.568	228	39729	0.536	ng/ul	95
24) Benzo(b)fluoranthene	23.248	252	64023m	0.759	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	23156m	0.273	ng/ul	
26) Benzo(a)pyrene	23.892	252	39977	0.546	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.582	276	34631	0.433	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.599	278	8021	0.132	ng/ul#	60
29) Benzo(g,h,i)perylene	27.387	276	31276	0.439	ng/ul	96

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

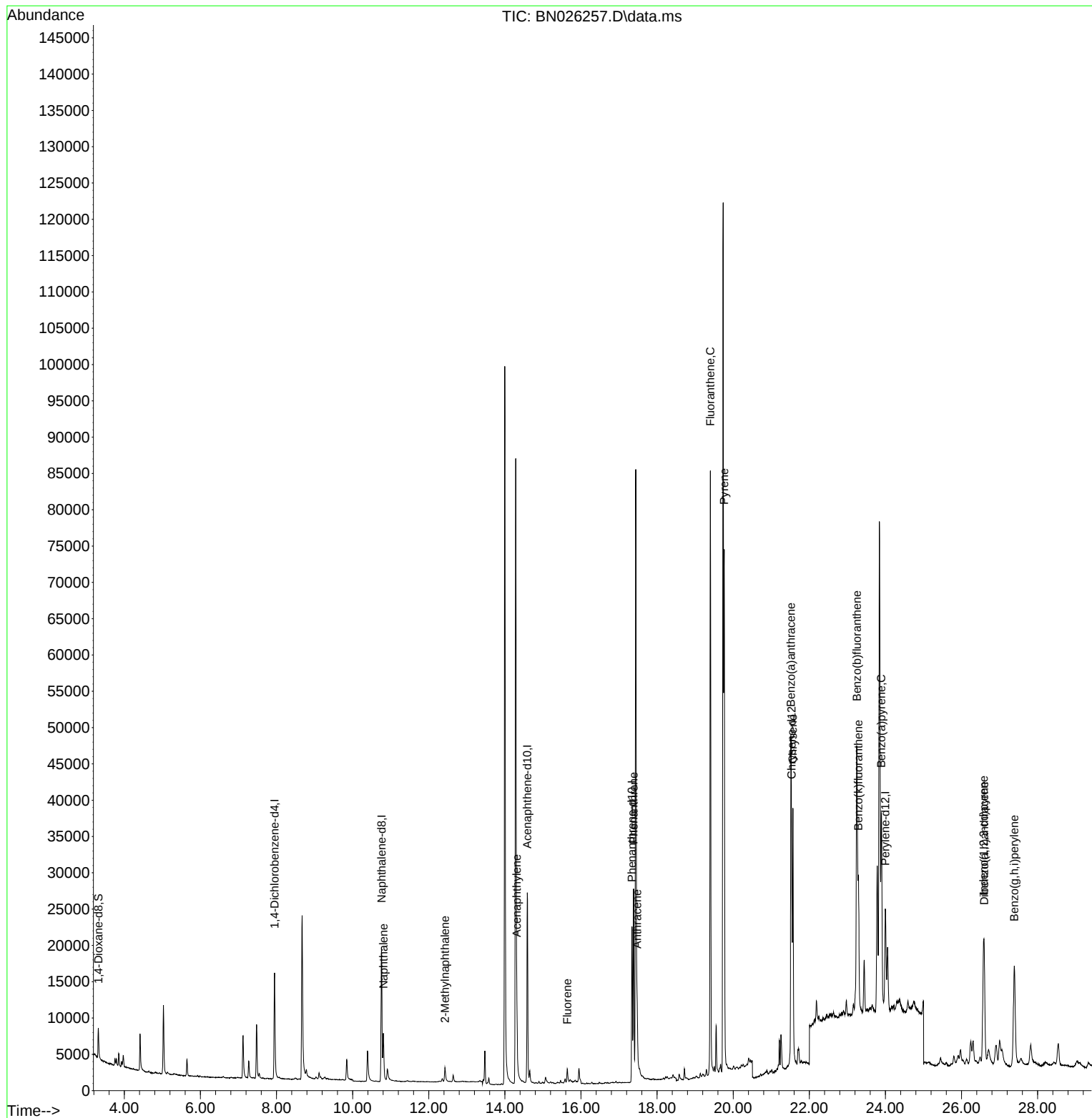
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026257.D
Acq On : 04 Jul 2023 11:18
Operator : MA/JU
Sample : 03245-19DL 5X
Misc :
ALS Vial : 114 Sample Multiplier: 1

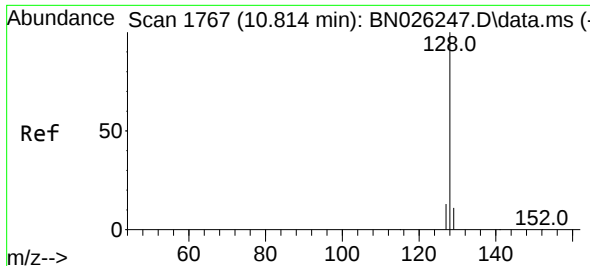
Instrument :
BNA_N
ClientSampleId :
DCGH7DL

Quant Time: Jul 04 23:29:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

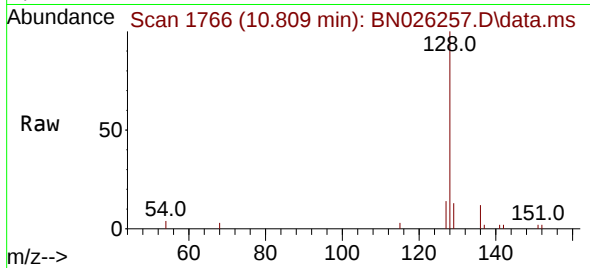
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

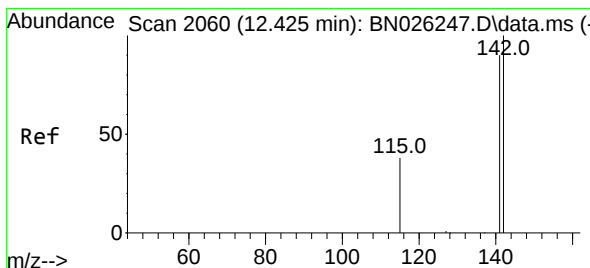
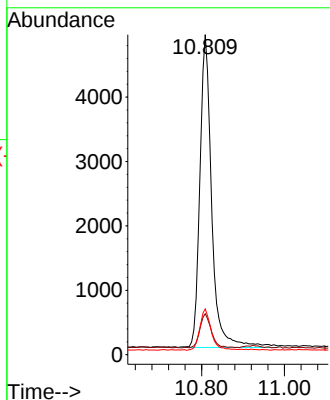
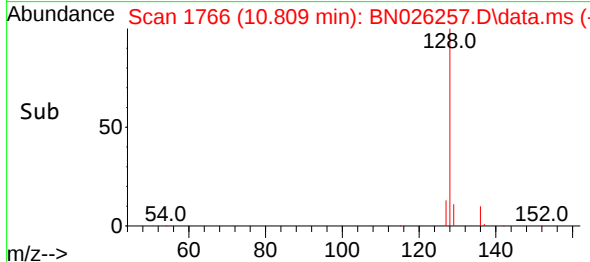
Instrument :
BNA_N
ClientSampleId :
DCGH7DL



Tgt Ion:128 Resp: 961
Ion Ratio Lower Upper
128 100
129 12.8 9.1 13.7
127 14.3 10.7 16.1

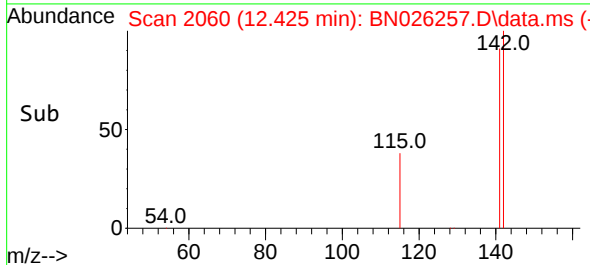
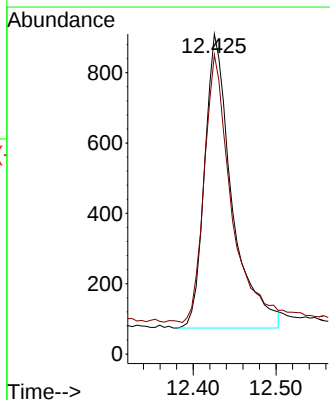
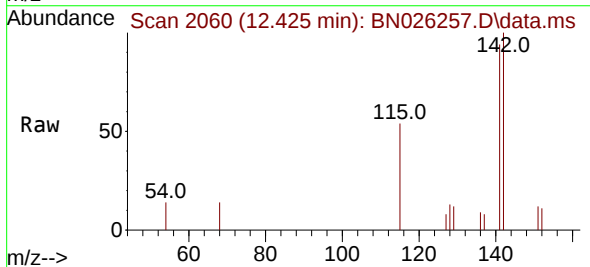
Manual Integrations
APPROVED

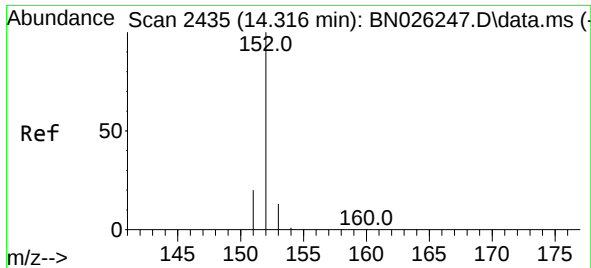
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

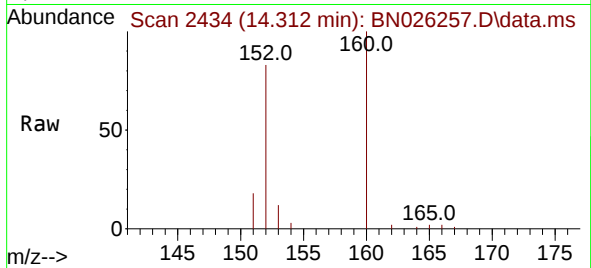
Tgt Ion:142 Resp: 1914
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 14.312 min Scan# 2434
Delta R.T. -0.008 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

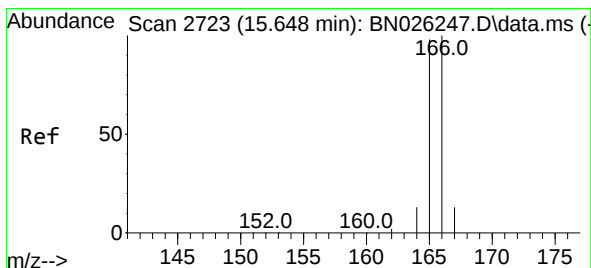
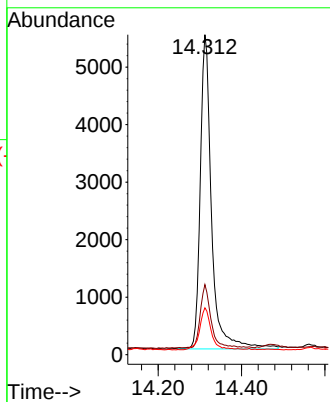
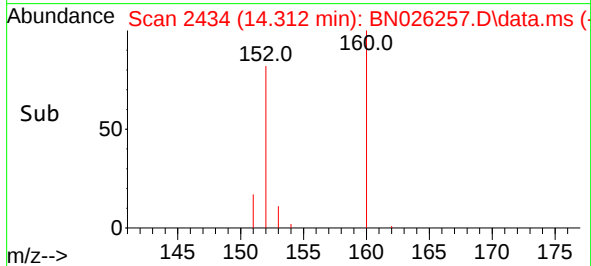
Instrument :
BNA_N
ClientSampleId :
DCGH7DL



Tgt Ion:152 Resp: 10290
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4
153 14.6 10.9 16.3

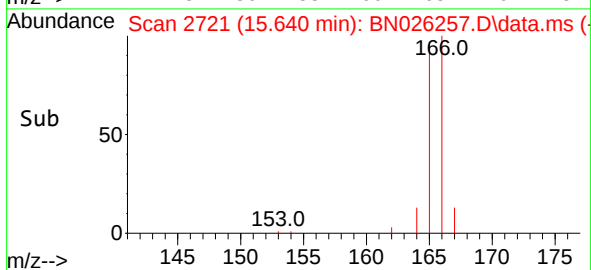
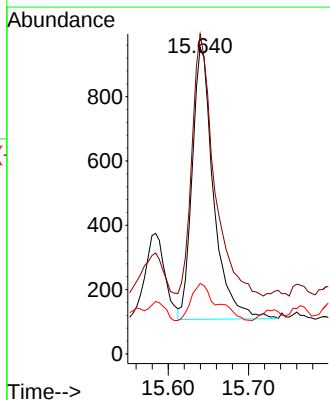
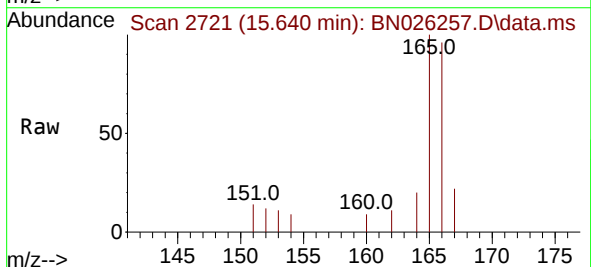
Manual Integrations
APPROVED

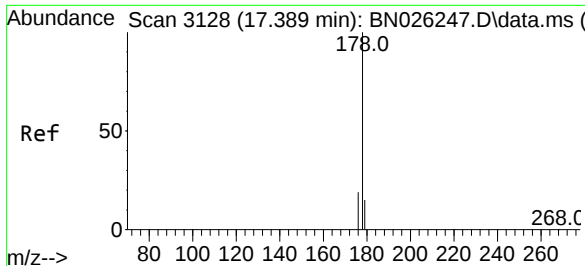
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.640 min Scan# 2721
Delta R.T. -0.008 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

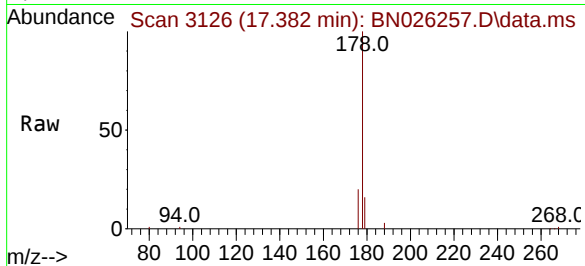
Tgt Ion:166 Resp: 1561
Ion Ratio Lower Upper
166 100
165 104.4 79.9 119.9
167 23.0 10.8 16.2#





#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.382 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

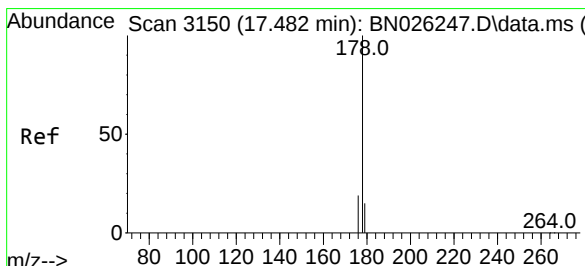
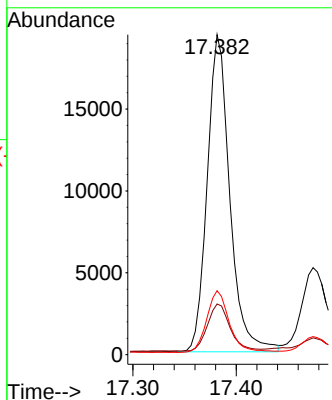
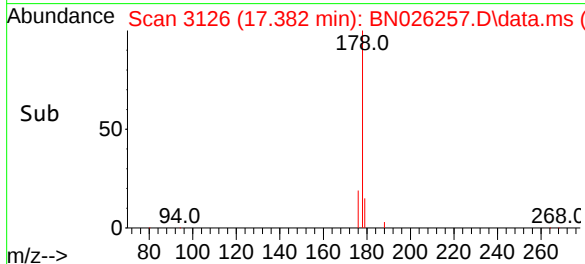
Instrument :
BNA_N
ClientSampleId :
DCGH7DL



Tgt Ion:178 Resp: 29478
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.0 15.8 23.6

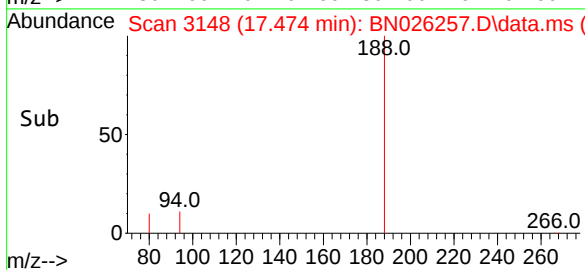
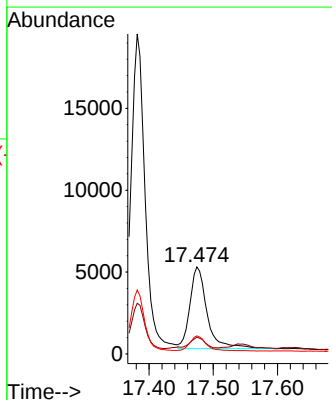
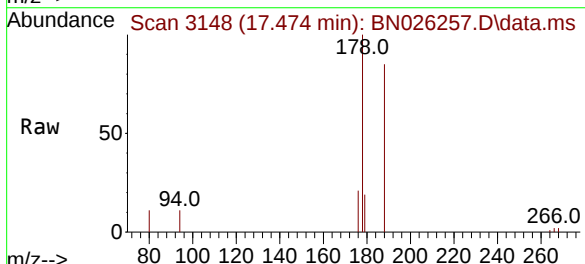
Manual Integrations
APPROVED

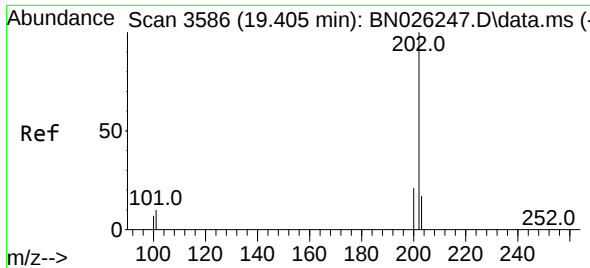
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.116 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.008 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

Tgt Ion:178 Resp: 9274
Ion Ratio Lower Upper
178 100
179 19.3 12.6 18.8#
176 20.8 15.1 22.7





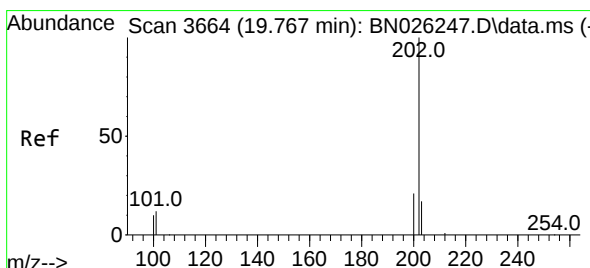
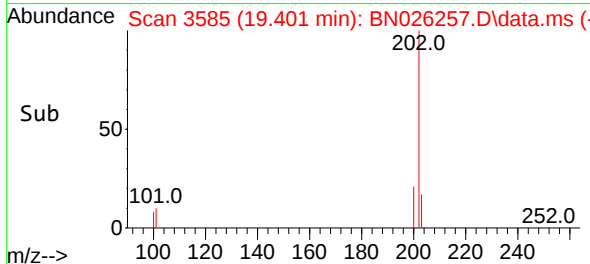
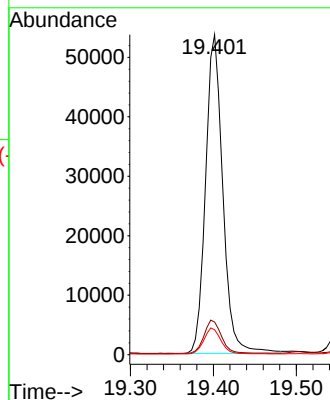
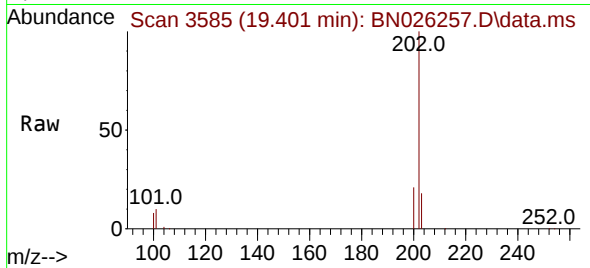
#19
Fluoranthene
Concen: 0.842 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

Instrument :
BNA_N
ClientSampleId :
DCGH7DL

Tgt Ion:202 Resp: 77664
Ion Ratio Lower Upper
202 100
101 10.2 9.5 14.3
100 7.8 7.3 10.9

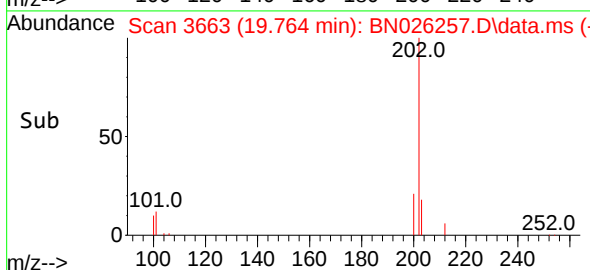
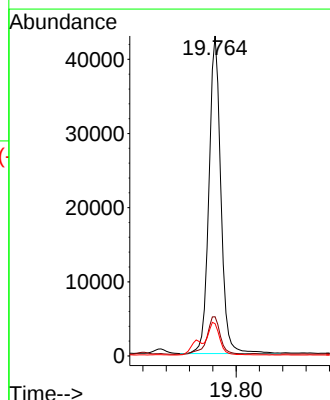
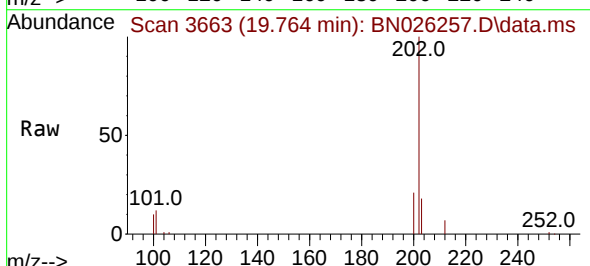
Manual Integrations
APPROVED

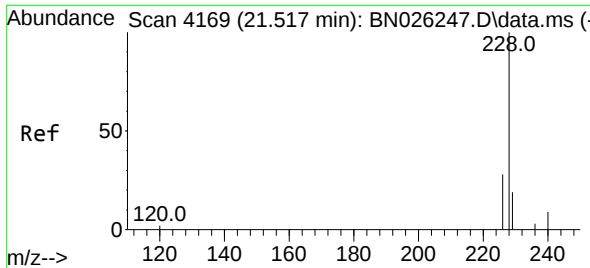
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 0.635 ng/u1
RT: 19.764 min Scan# 3663
Delta R.T. -0.008 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

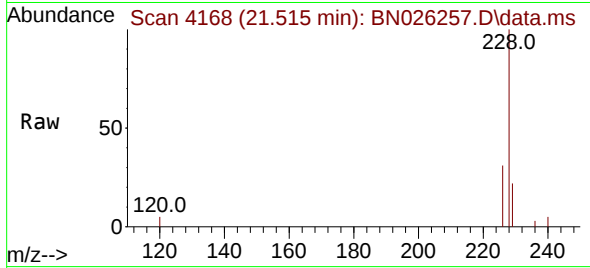
Tgt Ion:202 Resp: 60962
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.541 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.008 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

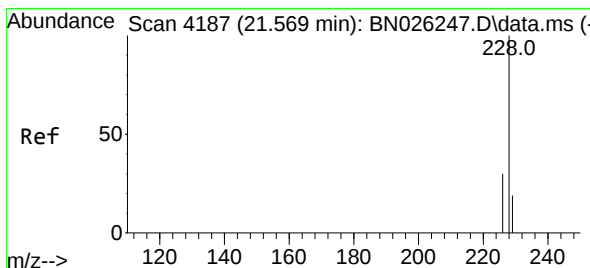
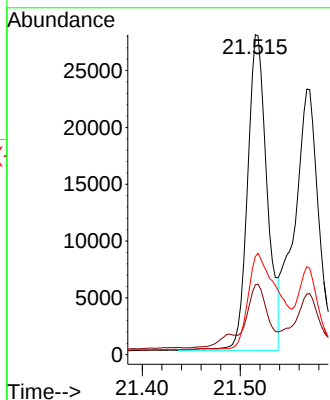
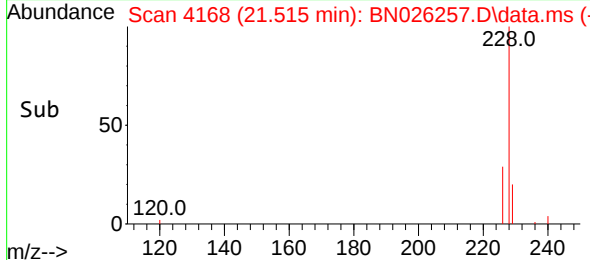
Instrument :
BNA_N
ClientSampleId :
DCGH7DL



Tgt Ion:228 Resp: 3856
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 30.6 22.5 33.7

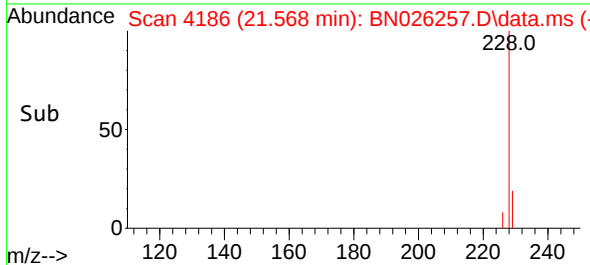
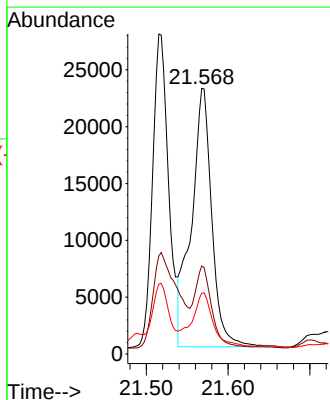
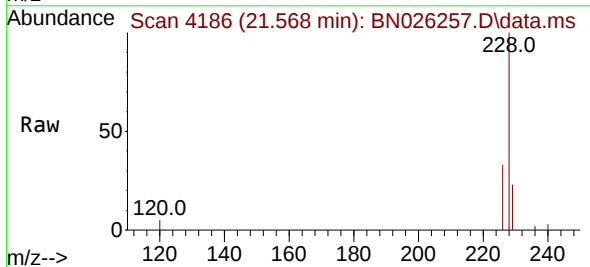
Manual Integrations
APPROVED

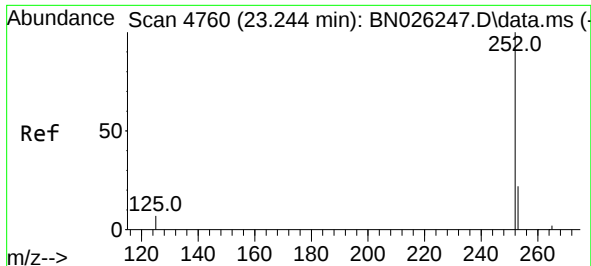
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.536 ng/ul
RT: 21.568 min Scan# 4186
Delta R.T. -0.011 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

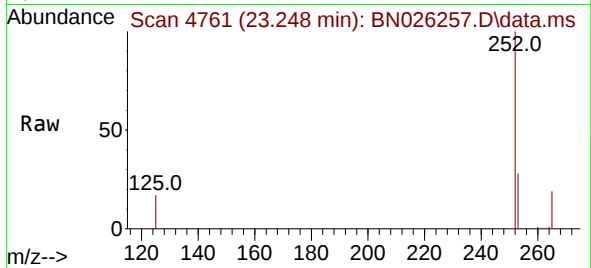
Tgt Ion:228 Resp: 39729
Ion Ratio Lower Upper
228 100
226 33.2 24.8 37.2
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.759 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.005 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

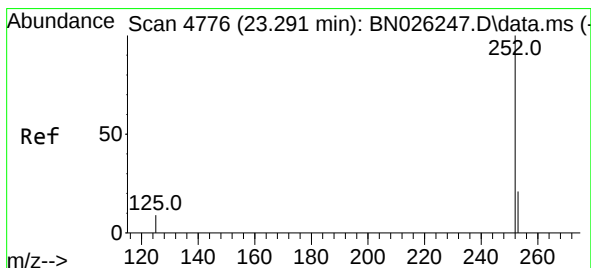
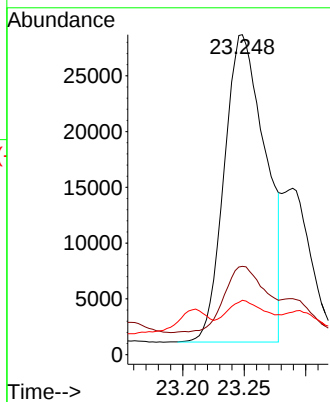
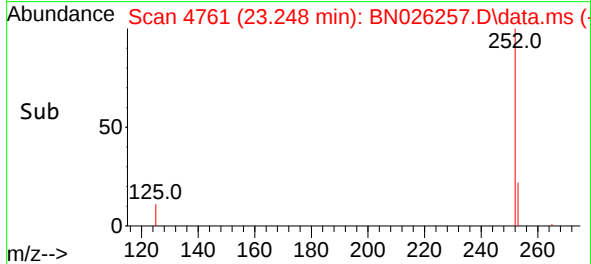
Instrument :
BNA_N
ClientSampleId :
DCGH7DL



Tgt Ion:252 Resp: 6402
Ion Ratio Lower Upper
252 100
253 27.6 0.0 55.6
125 17.0 0.0 35.8

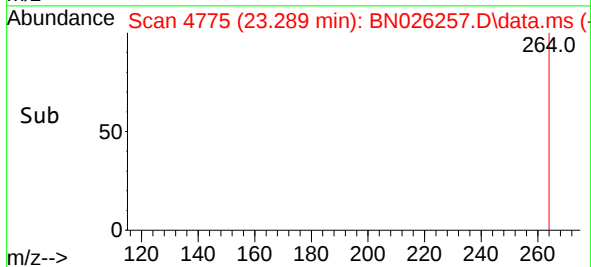
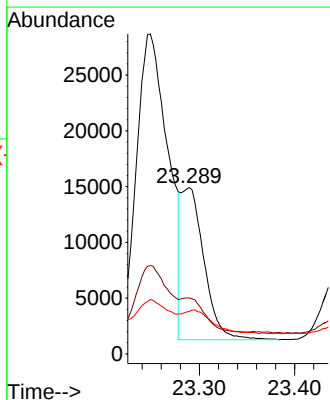
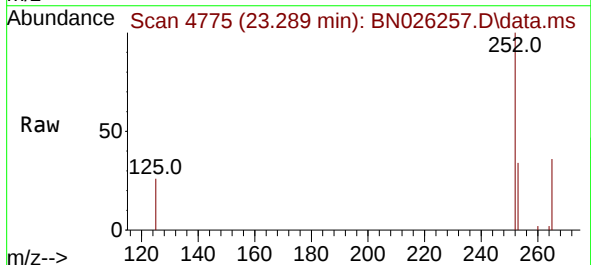
Manual Integrations
APPROVED

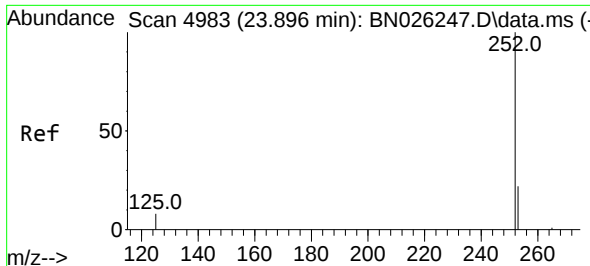
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.273 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.014 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

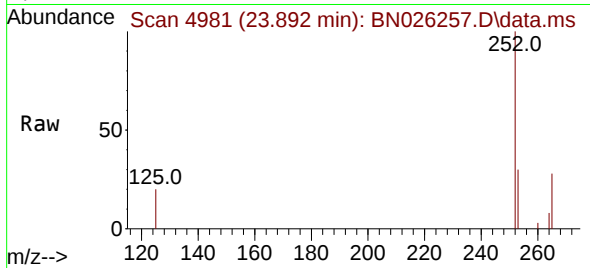
Tgt Ion:252 Resp: 23156
Ion Ratio Lower Upper
252 100
253 33.7 23.2 34.8
125 25.6 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.546 ng/ul
RT: 23.892 min Scan# 4981
Delta R.T. -0.002 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

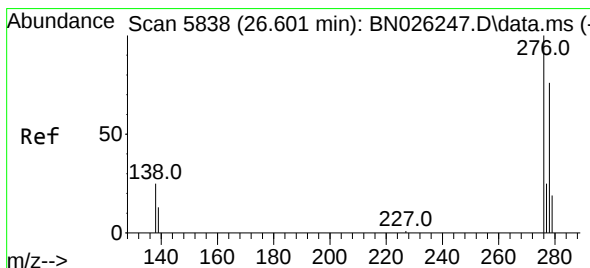
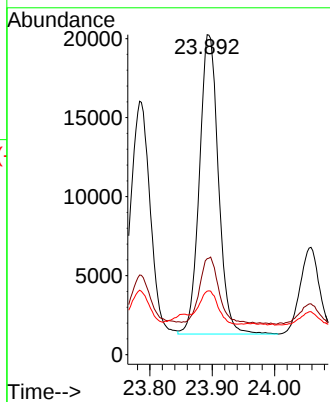
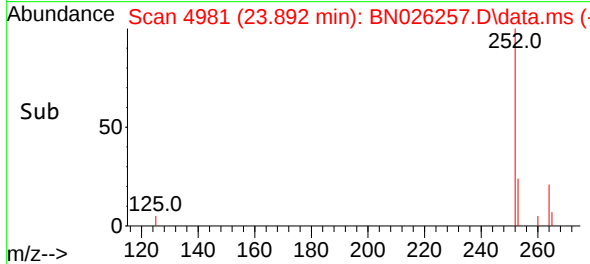
Instrument :
BNA_N
ClientSampleId :
DCGH7DL



Tgt Ion:252 Resp: 3997
Ion Ratio Lower Upper
252 100
253 30.0 26.0 39.0
125 19.9 17.3 25.9

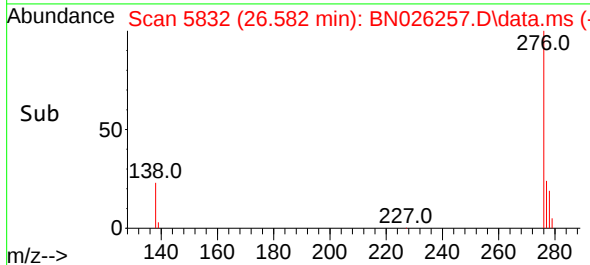
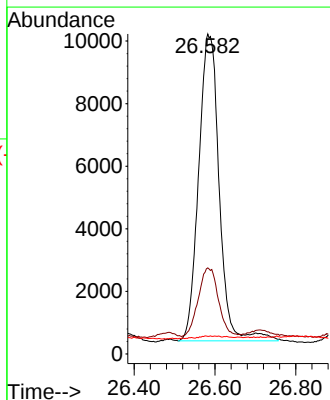
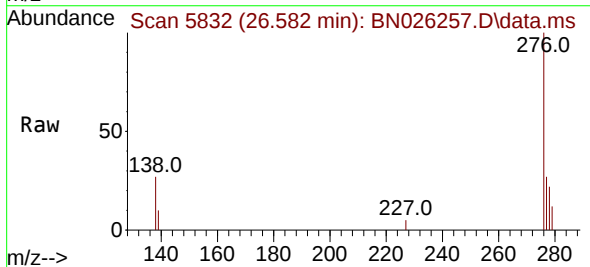
Manual Integrations
APPROVED

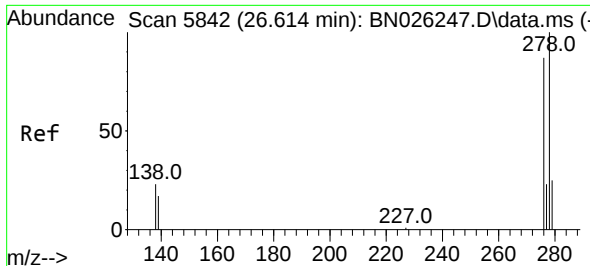
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng/ul
RT: 26.582 min Scan# 5832
Delta R.T. -0.006 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

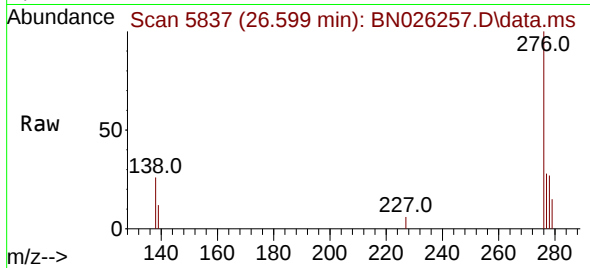
Tgt Ion:276 Resp: 34631
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.6 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.132 ng/ul
RT: 26.599 min Scan# 5837
Delta R.T. -0.009 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18

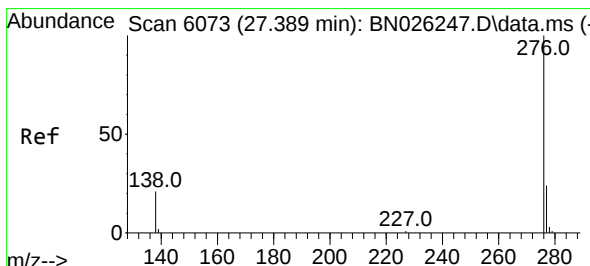
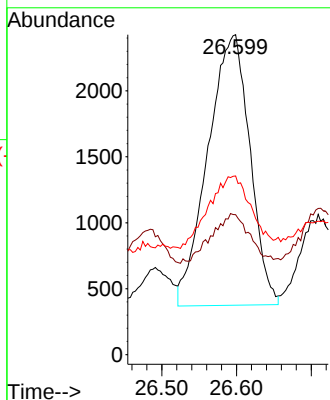
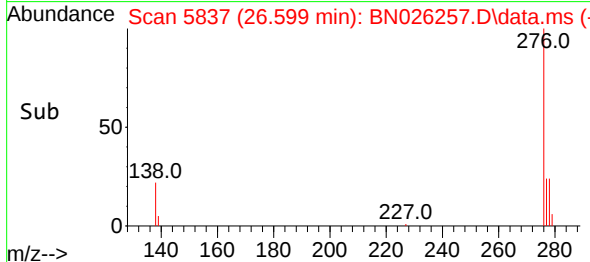
Instrument :
BNA_N
ClientSampleId :
DCGH7DL



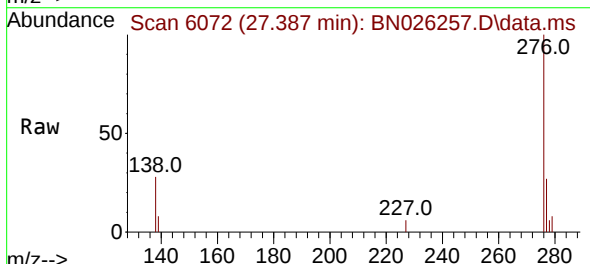
Tgt Ion:278 Resp: 802
Ion Ratio Lower Upper
278 100
139 43.7 19.0 28.4
279 55.9 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 27.387 min Scan# 6072
Delta R.T. 0.001 min
Lab File: BN026257.D
Acq: 04 Jul 2023 11:18



Tgt Ion:276 Resp: 31276
Ion Ratio Lower Upper
276 100
138 27.5 23.4 35.0
277 27.0 20.0 30.0

