

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026709.D
 Acq On : 24 Jul 2023 11:53
 Operator : MA/JU
 Sample : 03504-13DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 12:24:44 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	7.823	152	4640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	14043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.462	164	9544	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	19900	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	10634	0.400	ng/ul	# 0.00
23) Perylene-d12	23.790	264	12538	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1376	0.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	1028m	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.241	212	1934	0.052	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.674	128	3653	0.095	ng/ul#	94
7) 2-Methylnaphthalene	12.297	142	2016m	0.092	ng/ul	
8) 1-Methylnaphthalene	12.511	142	1838	0.078	ng/ul	98
10) Acenaphthylene	14.185	152	7252	0.155	ng/ul	98
11) Acenaphthene	14.527	153	8819	0.248	ng/ul	99
12) Fluorene	15.517	166	10074	0.270	ng/ul	98
15) Phenanthrene	17.253	178	203444	3.210	ng/ul	97
16) Anthracene	17.346	178	29232	0.532	ng/ul	97
19) Fluoranthene	19.274	202	287797	5.774	ng/ul	99
20) Pyrene	19.636	202	128513	2.374	ng/ul#	96
21) Benzo(a)anthracene	21.396	228	78593	2.011	ng/ul	99
22) Chrysene	21.449	228	81065	1.822	ng/ul	99
24) Benzo(b)fluoranthene	23.068	252	94917m	1.943	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	36906m	0.721	ng/ul	
26) Benzo(a)pyrene	23.682	252	12783	0.294	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.237	276	21748	0.382	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.248	278	11540	0.264	ng/ul	96

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

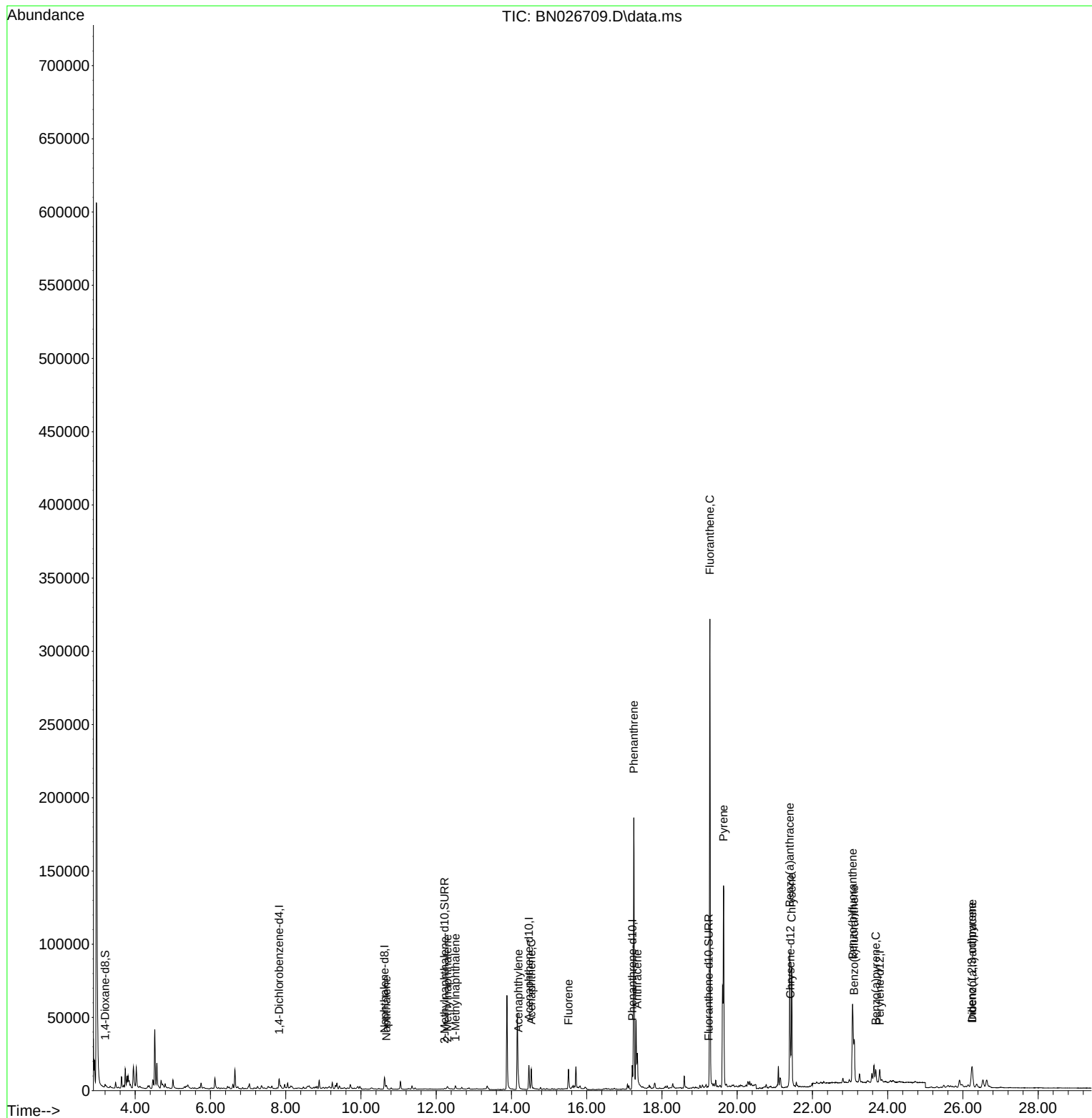
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026709.D
Acq On : 24 Jul 2023 11:53
Operator : MA/JU
Sample : 03504-13DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

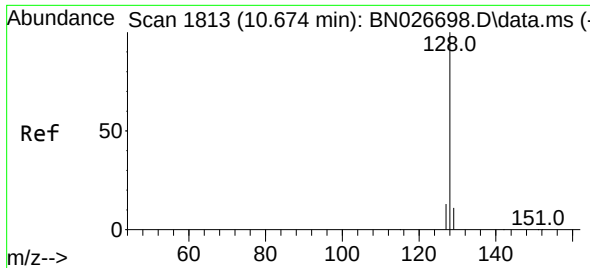
Instrument :
BNA_N
ClientSampleId :
A46S8DL

Manual Integrations
APPROVED

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

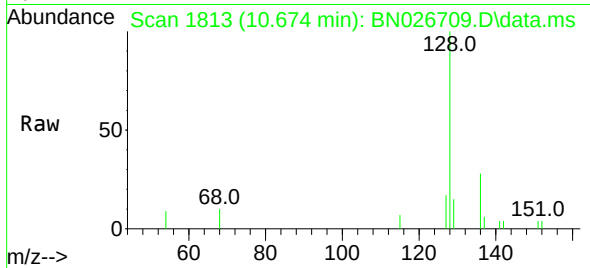
Quant Time: Jul 24 12:24:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

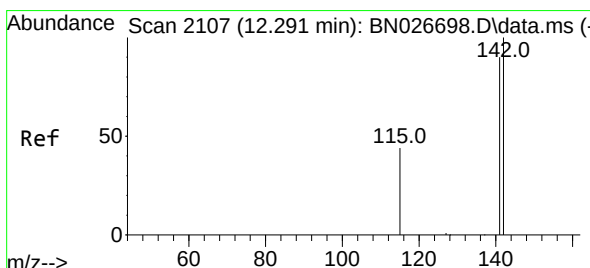
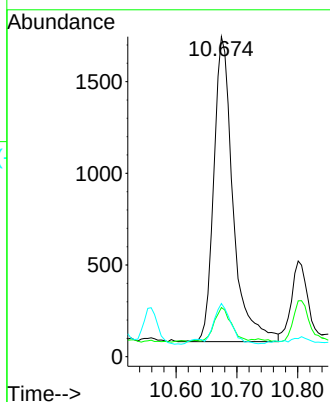
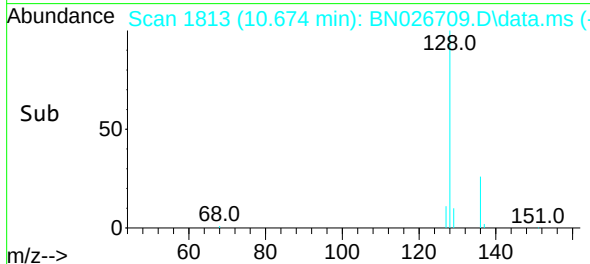
Instrument :
BNA_N
ClientSampleId :
A46S8DL



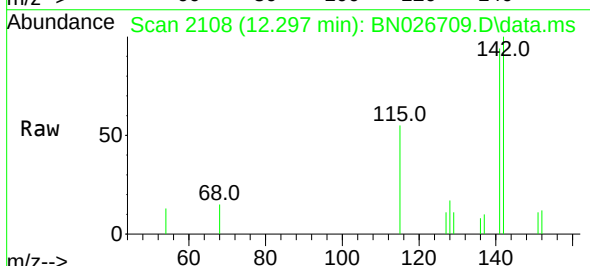
Tgt Ion:128 Resp: 365
Ion Ratio Lower Upper
128 100
129 15.4 10.2 15.2
127 16.6 11.4 17.0

Manual Integrations
APPROVED

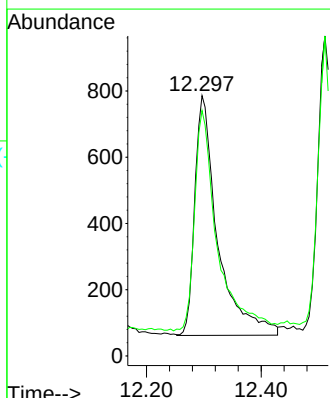
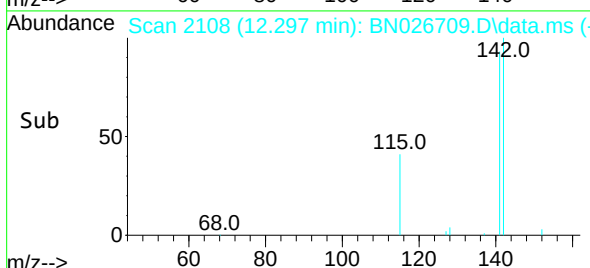
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

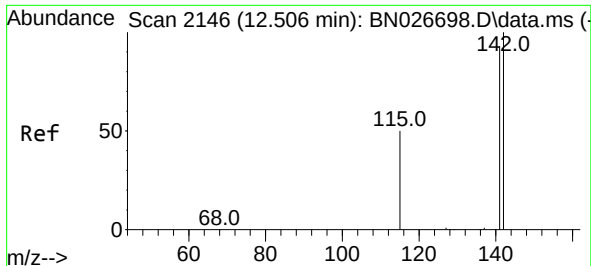


#7
2-Methylnaphthalene
Concen: 0.092 ng/ul m
RT: 12.297 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53



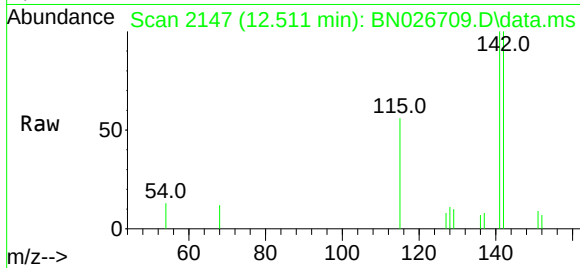
Tgt Ion:142 Resp: 2016
Ion Ratio Lower Upper
142 100
141 84.7 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.511 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

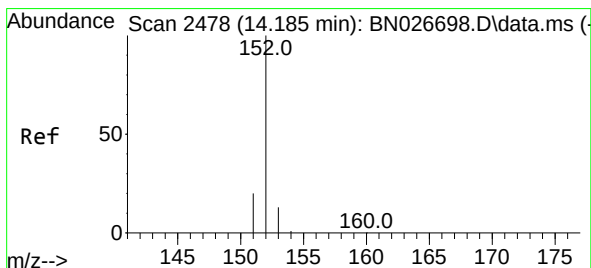
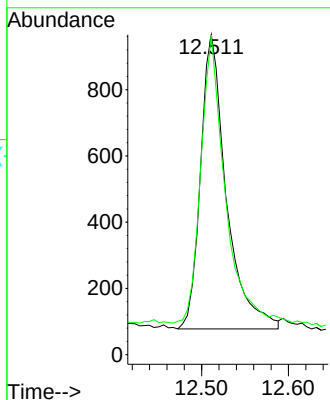
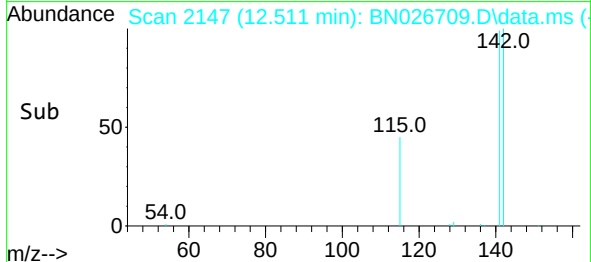
Instrument :
BNA_N
ClientSampleId :
A46S8DL



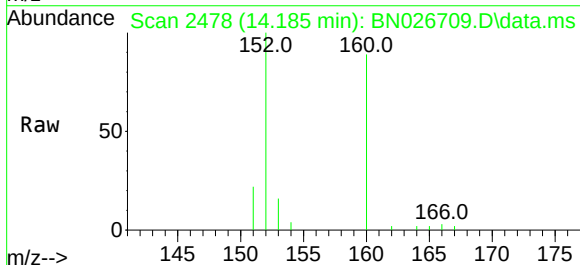
Tgt Ion:142 Resp: 1838
Ion Ratio Lower Upper
142 100
141 91.1 74.5 111.7

Manual Integrations
APPROVED

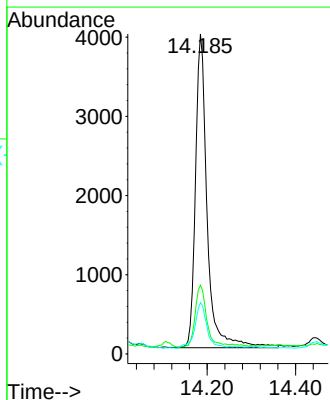
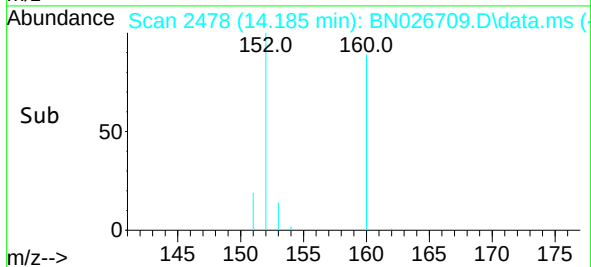
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

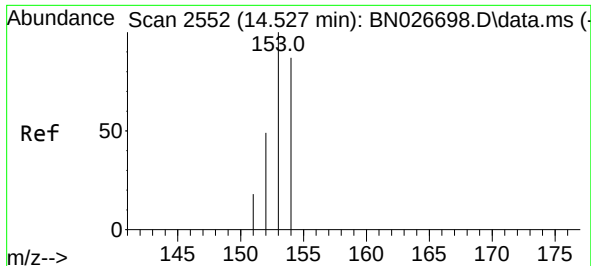


#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53



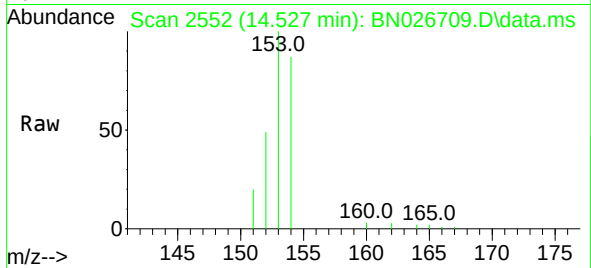
Tgt Ion:152 Resp: 7252
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6
153 16.0 11.4 17.2





#11
Acenaphthene
Concen: 0.248 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

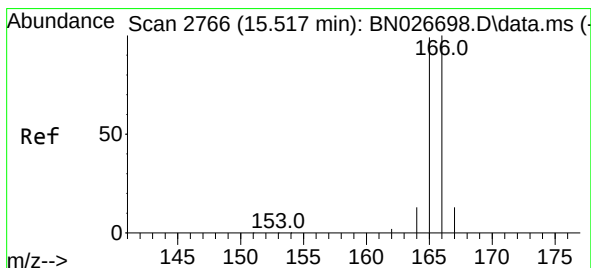
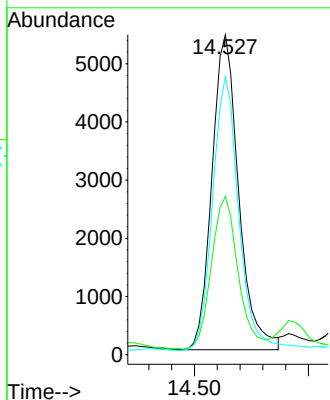
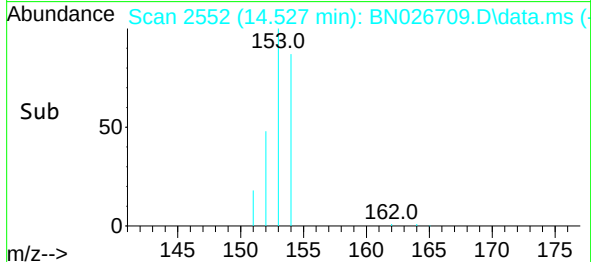
Instrument :
BNA_N
ClientSampleId :
A46S8DL



Tgt Ion:153 Resp: 8819
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 86.9 69.3 103.9

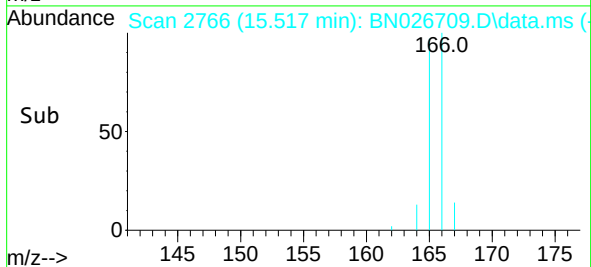
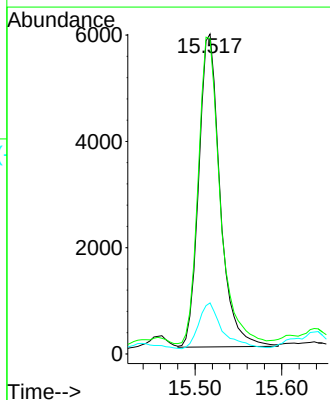
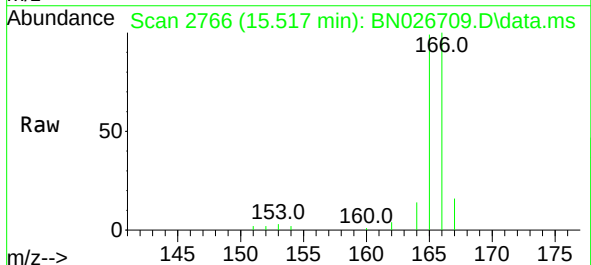
Manual Integrations
APPROVED

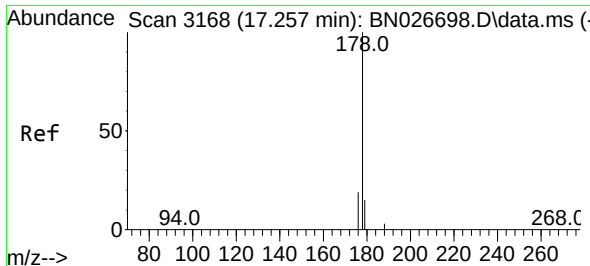
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

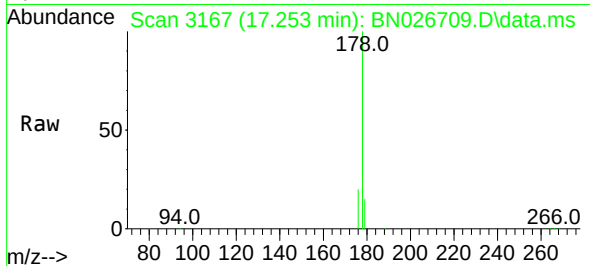
Tgt Ion:166 Resp: 10074
Ion Ratio Lower Upper
166 100
165 98.5 80.6 120.8
167 16.0 12.0 18.0





#15
Phenanthrene
Concen: 3.210 ng/u1
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

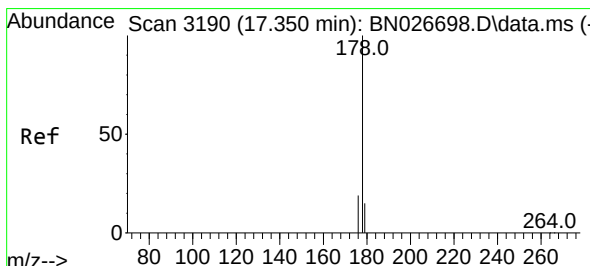
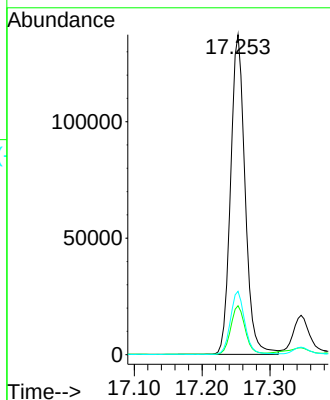
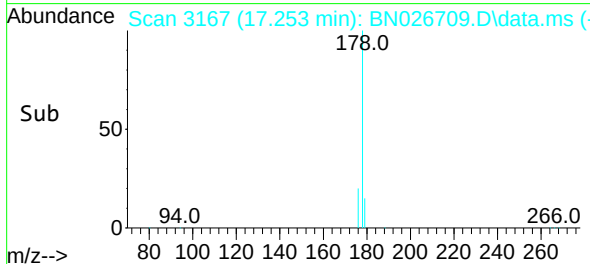
Instrument :
BNA_N
ClientSampleId :
A46S8DL



Tgt Ion:178 Resp: 20344
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.8 16.5 24.7

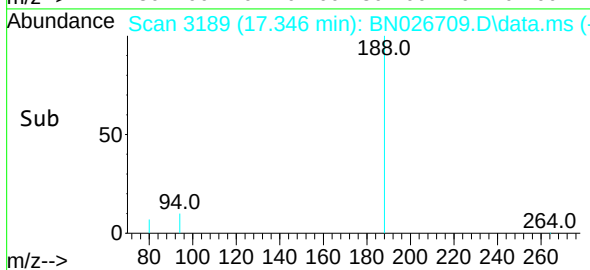
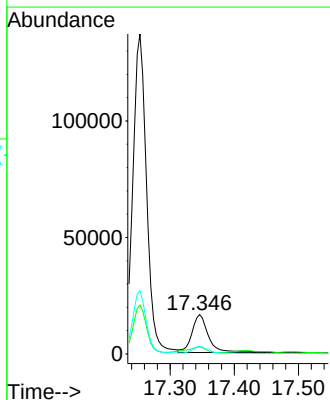
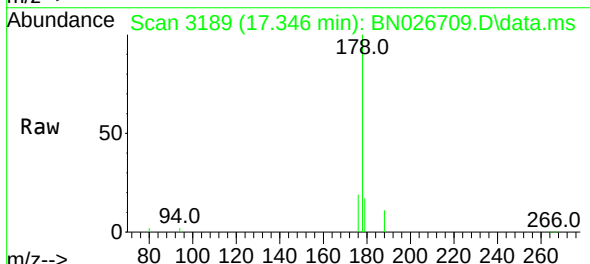
Manual Integrations
APPROVED

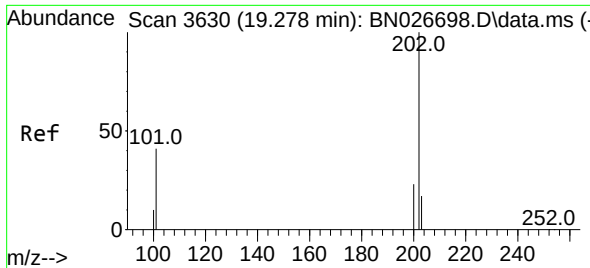
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.532 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

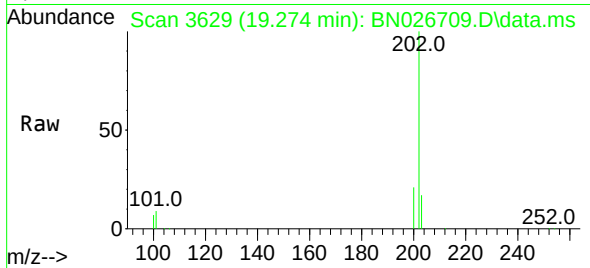
Tgt Ion:178 Resp: 29232
Ion Ratio Lower Upper
178 100
179 17.5 14.8 22.2
176 19.2 16.6 25.0





#19
Fluoranthene
Concen: 5.774 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

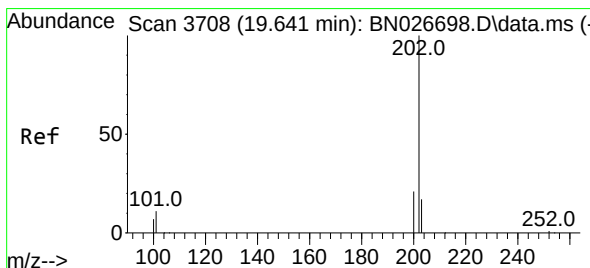
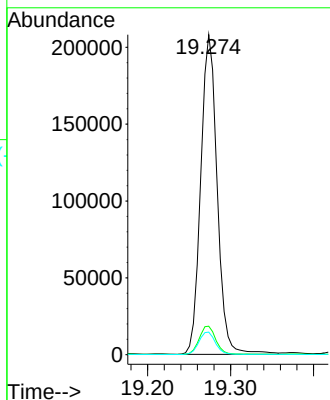
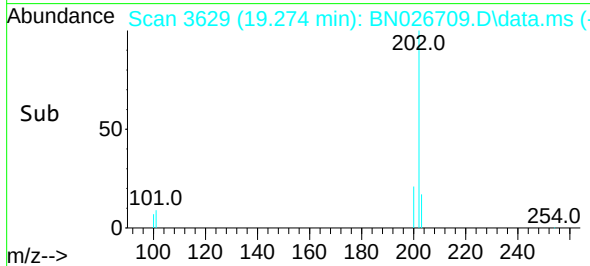
Instrument :
BNA_N
ClientSampleId :
A46S8DL



Tgt Ion:202 Resp: 28779
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.4
100 7.0 6.0 9.0

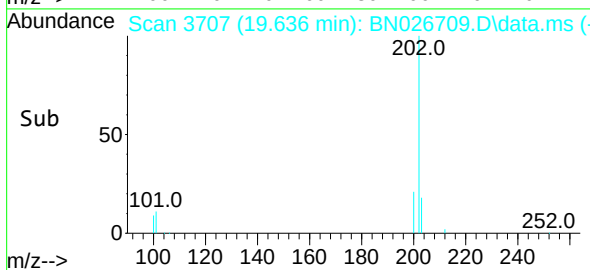
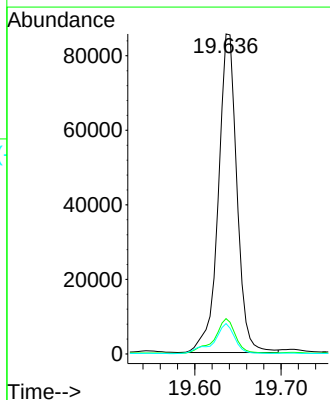
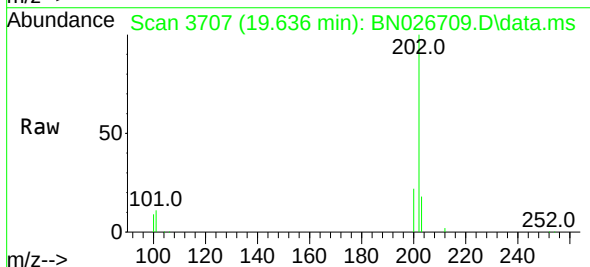
Manual Integrations
APPROVED

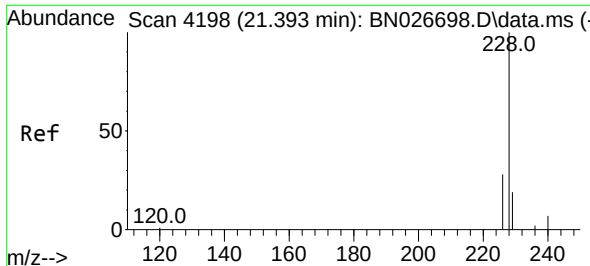
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 2.374 ng/u1
RT: 19.636 min Scan# 3707
Delta R.T. -0.009 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

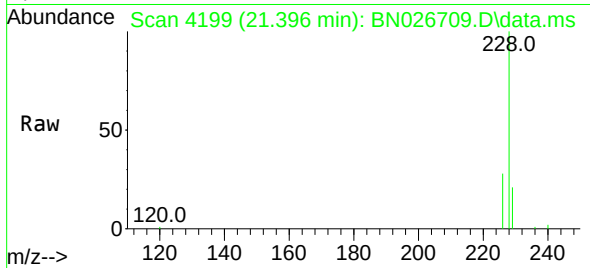
Tgt Ion:202 Resp: 128513
Ion Ratio Lower Upper
202 100
101 11.1 8.0 12.0
100 9.5 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 2.011 ng/ul
RT: 21.396 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

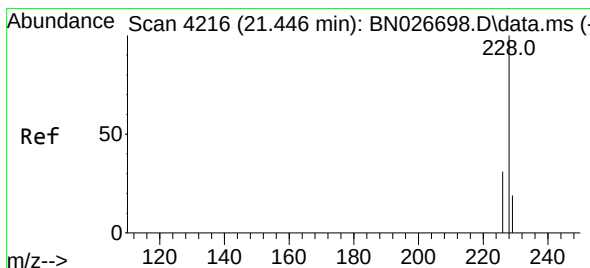
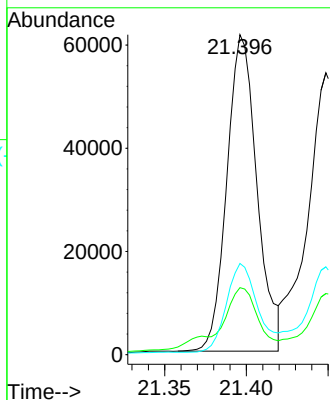
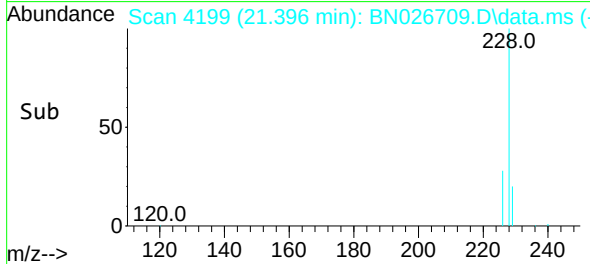
Instrument :
BNA_N
ClientSampleId :
A46S8DL



Tgt Ion:228 Resp: 7859
Ion Ratio Lower Upper
228 100
229 21.0 16.7 25.1
226 28.5 23.5 35.3

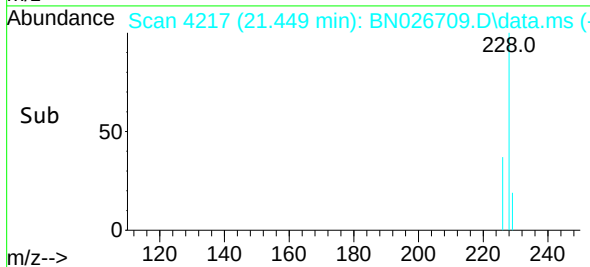
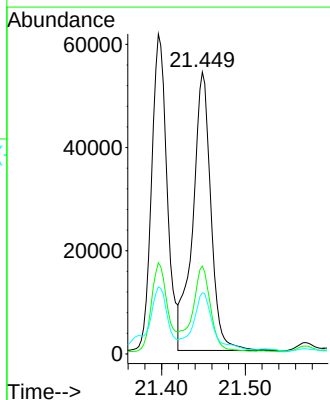
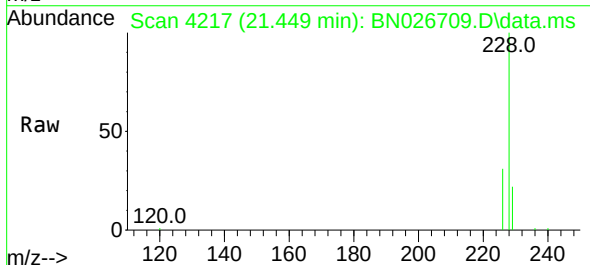
Manual Integrations
APPROVED

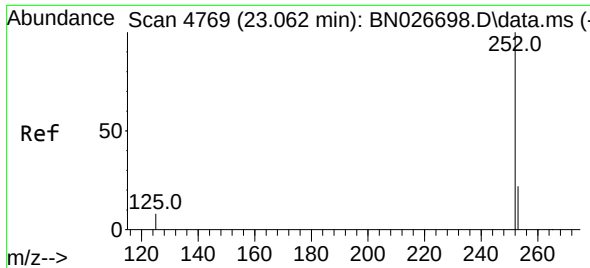
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 1.822 ng/ul
RT: 21.449 min Scan# 4217
Delta R.T. -0.006 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

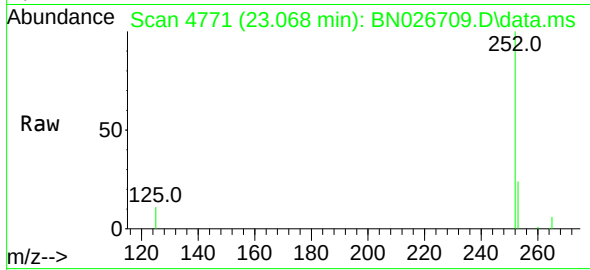
Tgt Ion:228 Resp: 81065
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.943 ng/ul m
RT: 23.068 min Scan# 4771
Delta R.T. 0.000 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

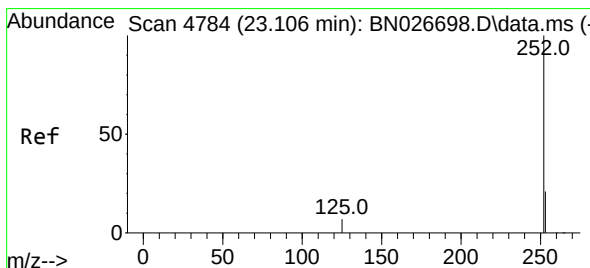
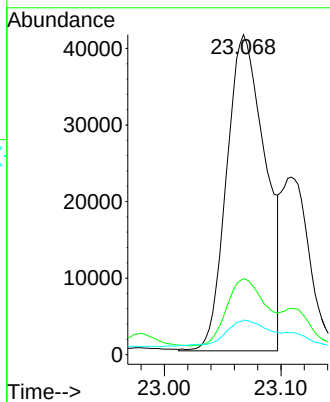
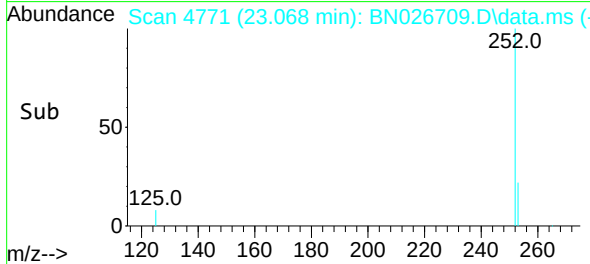
Instrument :
BNA_N
ClientSampleId :
A46S8DL



Tgt Ion:252 Resp: 94917
Ion Ratio Lower Upper
252 100
253 23.7 0.0 68.6
125 10.8 0.0 34.0

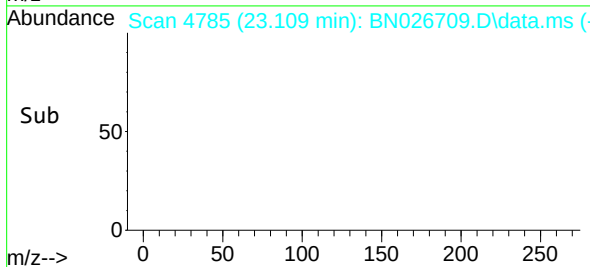
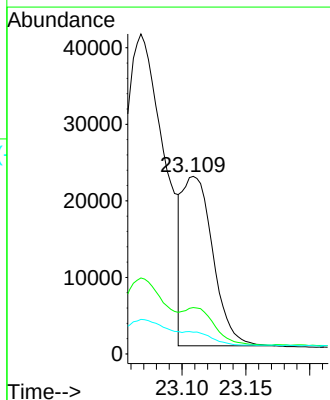
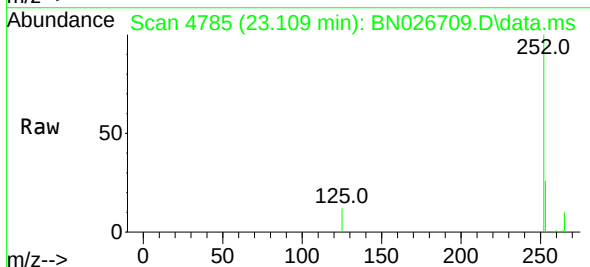
Manual Integrations
APPROVED

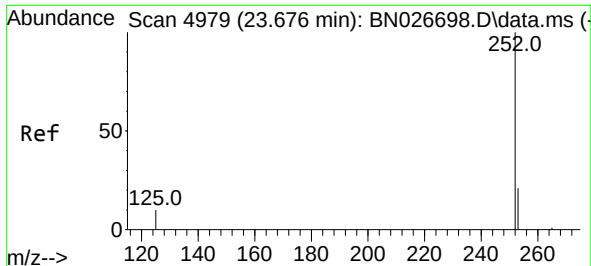
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.721 ng/ul m
RT: 23.109 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

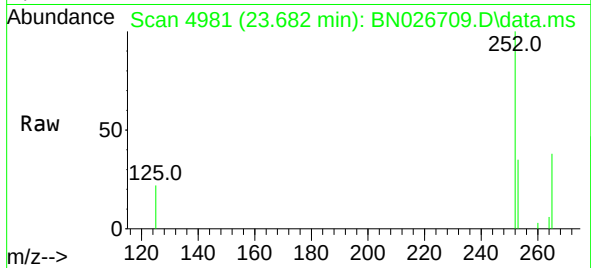
Tgt Ion:252 Resp: 36906
Ion Ratio Lower Upper
252 100
253 26.1 27.2 40.8#
125 12.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.294 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53

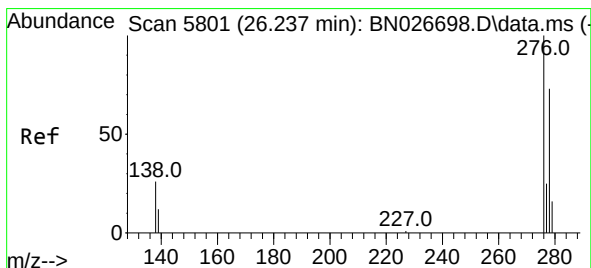
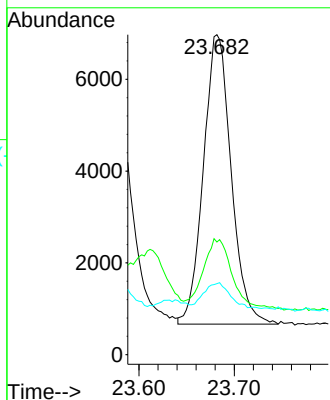
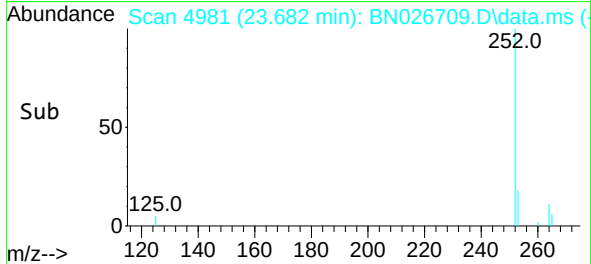
Instrument :
BNA_N
ClientSampleId :
A46S8DL



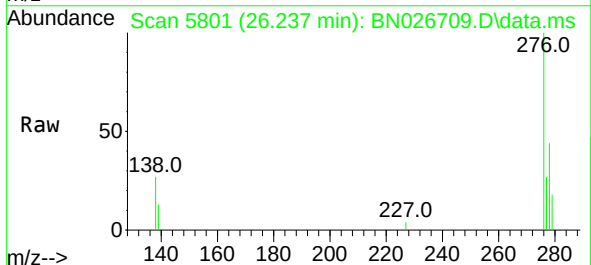
Tgt Ion:252 Resp: 1278
Ion Ratio Lower Upper
252 100
253 35.2 32.6 49.0
125 22.2 19.3 28.9

Manual Integrations
APPROVED

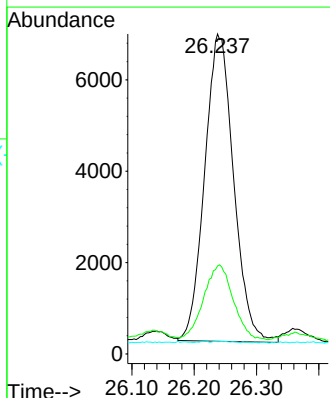
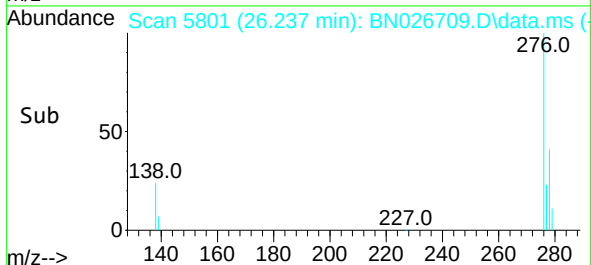
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

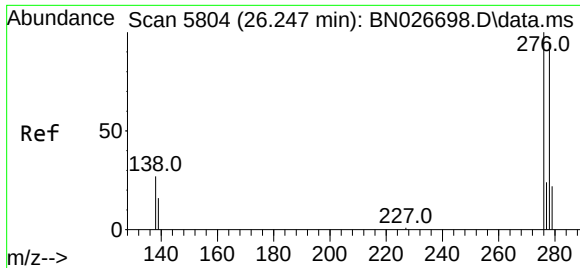


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.013 min
Lab File: BN026709.D
Acq: 24 Jul 2023 11:53



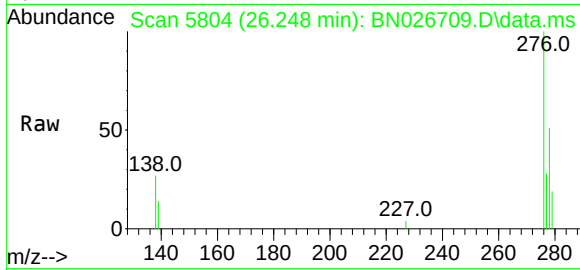
Tgt Ion:276 Resp: 21748
Ion Ratio Lower Upper
276 100
138 24.8 22.2 33.4
227 0.4 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.264 ng/ul
 RT: 26.248 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BN026709.D
 Acq: 24 Jul 2023 11:53

Instrument :
 BNA_N
 ClientSampleId :
 A46S8DL



Tgt Ion:278 Resp: 11540
 Ion Ratio Lower Upper
 278 100
 139 28.0 18.9 28.3
 279 38.2 31.3 46.9

Manual Integrations
 APPROVED

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

