

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026689.D
 Acq On : 23 Jul 2023 23:12
 Operator : MA/JU
 Sample : 03472-35DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:43:34 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	2541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	9172	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.467	164	5373	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	9086	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	6138	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	6499	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	696	0.208	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	860	0.069	ng/ul	0.01
18) Fluoranthene-d10	19.246	212	1722	0.081	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.680	128	1367	0.054	ng/ul#	80
10) Acenaphthylene	14.189	152	1333	0.051	ng/ul#	82
11) Acenaphthene	14.527	153	587	0.029	ng/ul#	94
12) Fluorene	15.517	166	855	0.041	ng/ul#	91
15) Phenanthrene	17.253	178	14733	0.509	ng/ul	99
16) Anthracene	17.350	178	1881	0.075	ng/ul#	85
19) Fluoranthene	19.274	202	27960	0.972	ng/ul	98
20) Pyrene	19.636	202	20779	0.665	ng/ul#	94
21) Benzo(a)anthracene	21.393	228	9990	0.443	ng/ul	94
22) Chrysene	21.443	228	10912	0.425	ng/ul	95
24) Benzo(b)fluoranthene	23.056	252	15912m	0.628	ng/ul	
25) Benzo(k)fluoranthene	23.097	252	5440m	0.205	ng/ul	
26) Benzo(a)pyrene	23.670	252	2365	0.105	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.234	276	5764	0.195	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.231	278	1749	0.077	ng/ul#	25

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

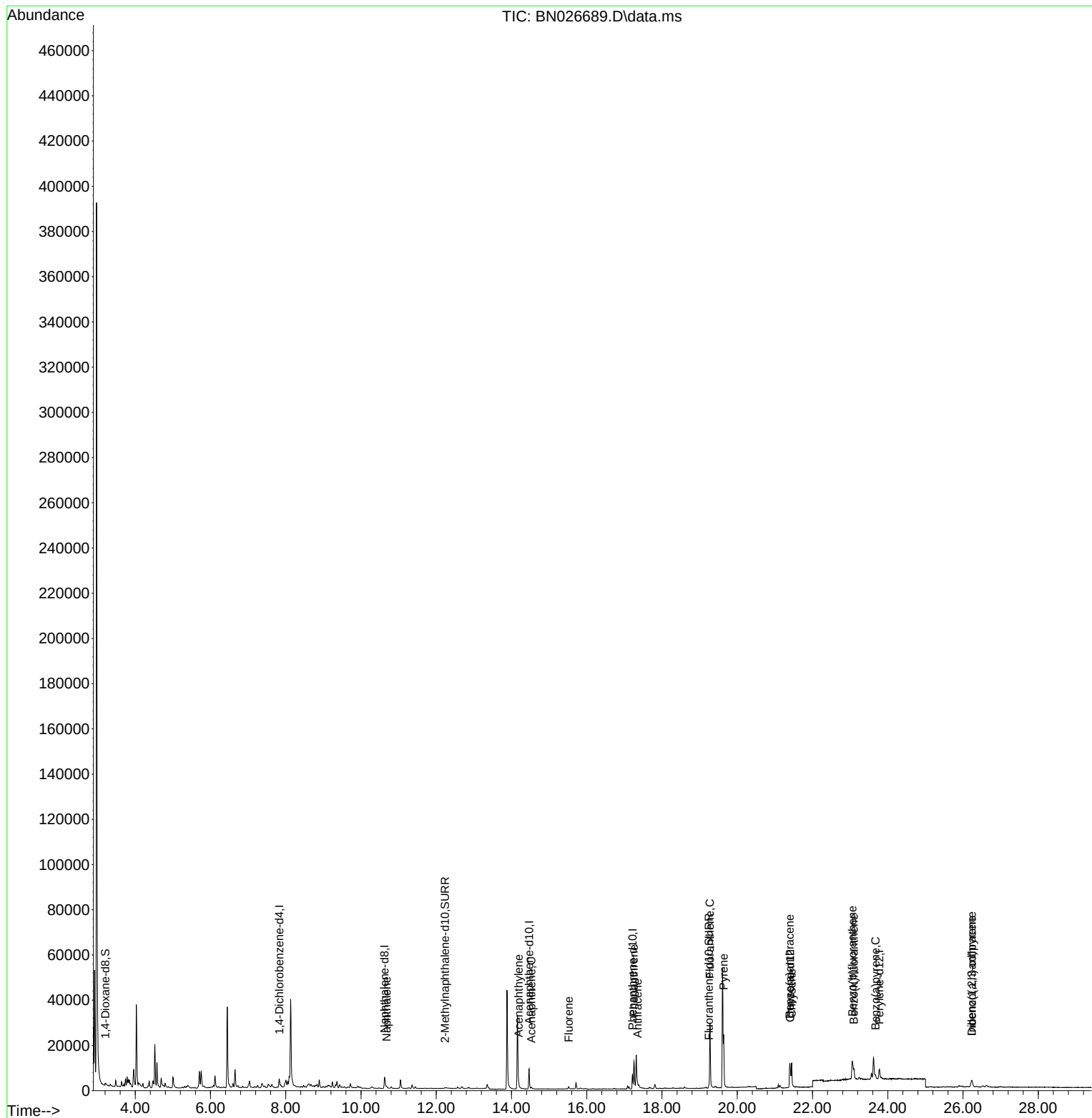
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026689.D
Acq On : 23 Jul 2023 23:12
Operator : MA/JU
Sample : 03472-35DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

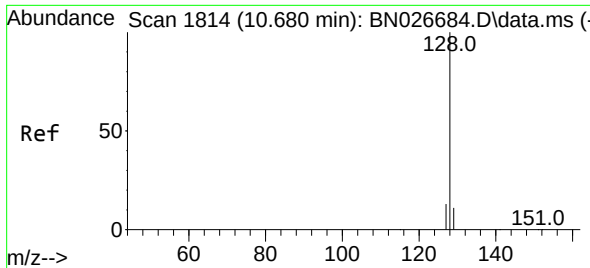
Instrument :
BNA_N
ClientSampleId :
A46S5DL

Manual Integrations
APPROVED

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

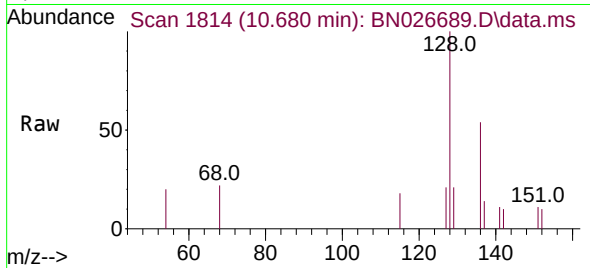
Quant Time: Jul 24 00:43:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

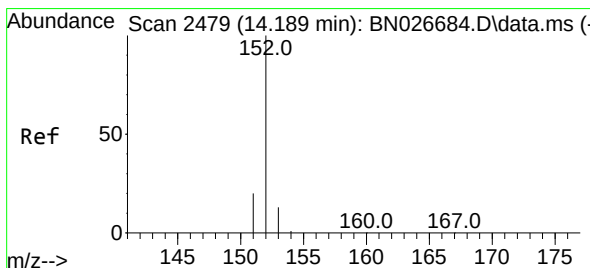
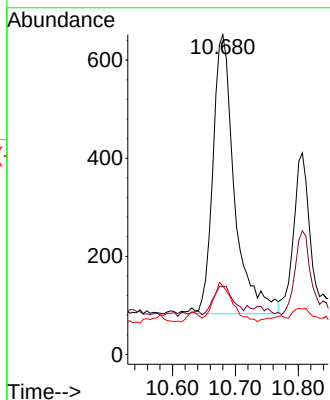
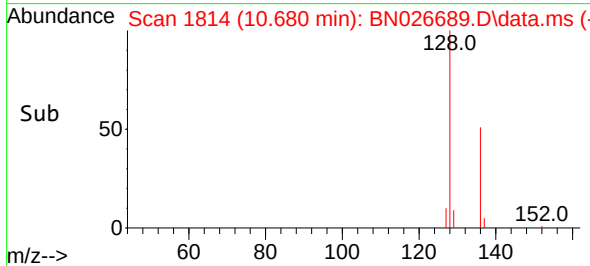
Instrument :
BNA_N
ClientSampleId :
A46S5DL



Tgt Ion:128 Resp: 136
Ion Ratio Lower Upper
128 100
129 21.3 10.2 15.2
127 21.5 11.4 17.0

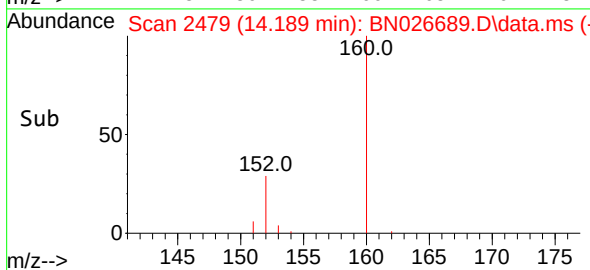
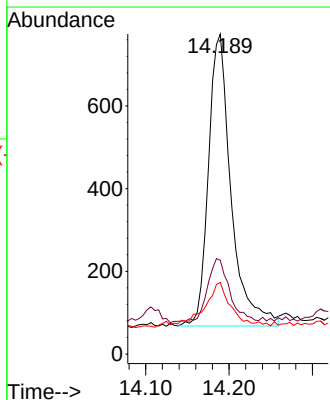
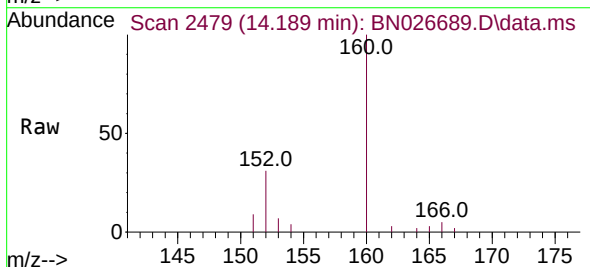
Manual Integrations
APPROVED

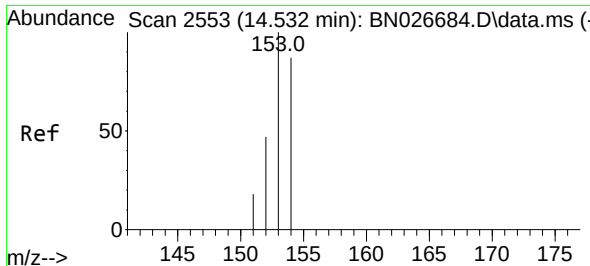
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

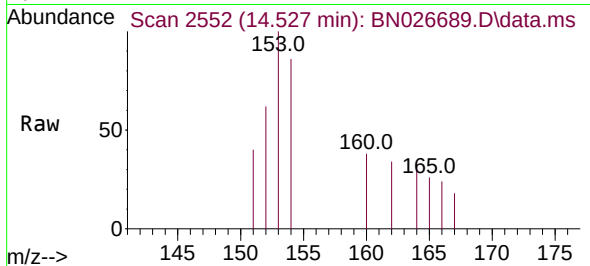
Tgt Ion:152 Resp: 1333
Ion Ratio Lower Upper
152 100
151 29.3 17.0 25.6#
153 22.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

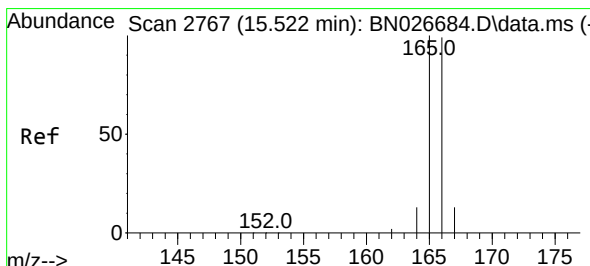
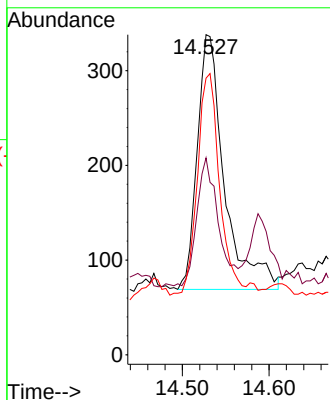
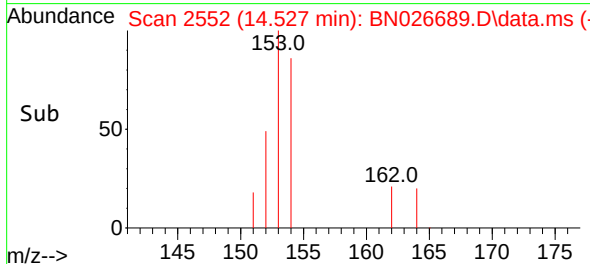
Instrument :
BNA_N
ClientSampleId :
A46S5DL



Tgt Ion:153 Resp: 585
Ion Ratio Lower Upper
153 100
152 61.5 40.2 60.4
154 86.4 69.3 103.9

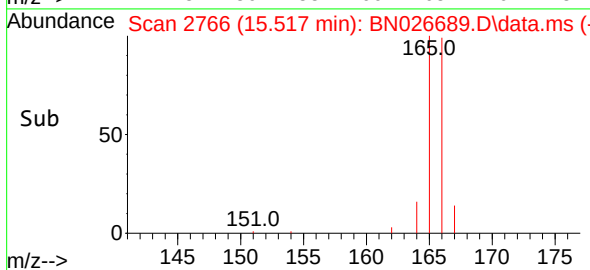
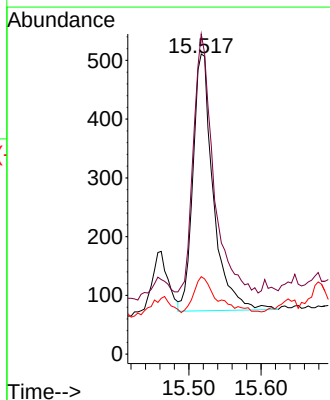
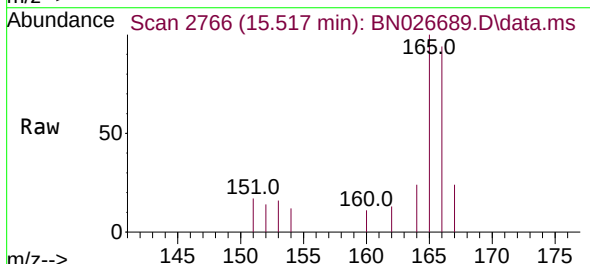
Manual Integrations
APPROVED

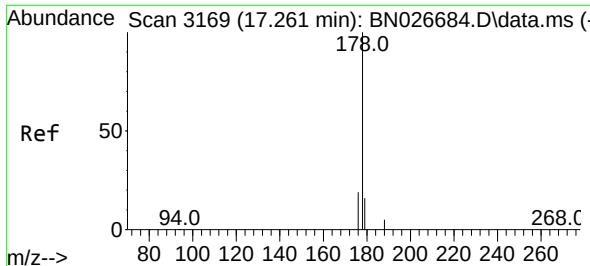
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

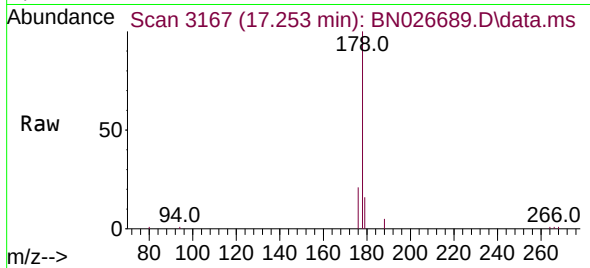
Tgt Ion:166 Resp: 855
Ion Ratio Lower Upper
166 100
165 106.7 80.6 120.8
167 25.8 12.0 18.0#





#15
Phenanthrene
Concen: 0.509 ng/u1
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

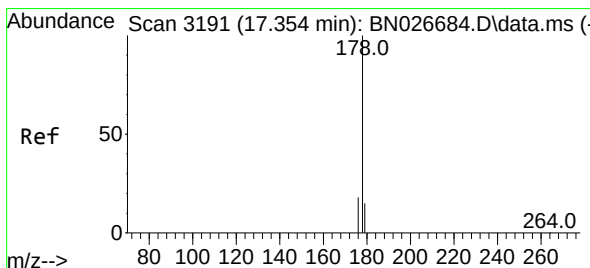
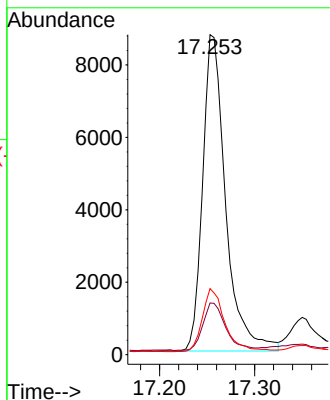
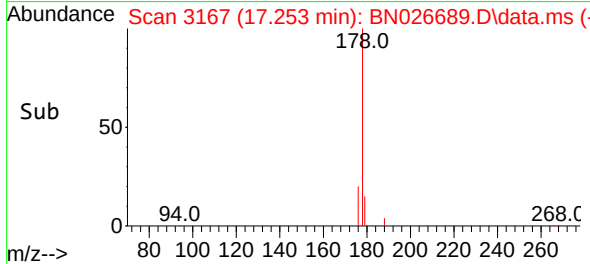
Instrument :
BNA_N
ClientSampleId :
A46S5DL



Tgt Ion:178 Resp: 1473
Ion Ratio Lower Upper
178 100
179 16.2 13.7 20.5
176 20.6 16.5 24.7

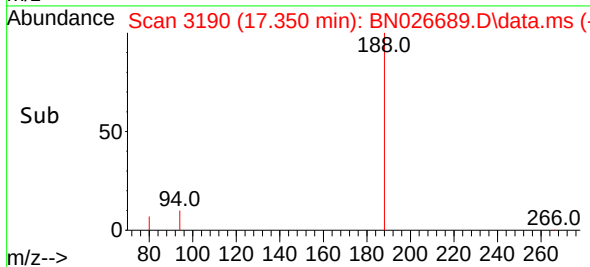
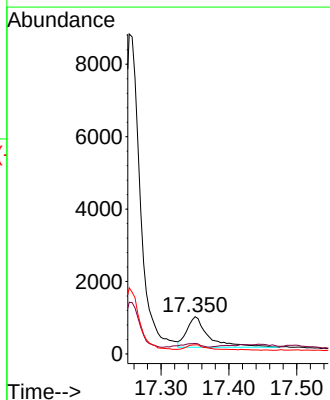
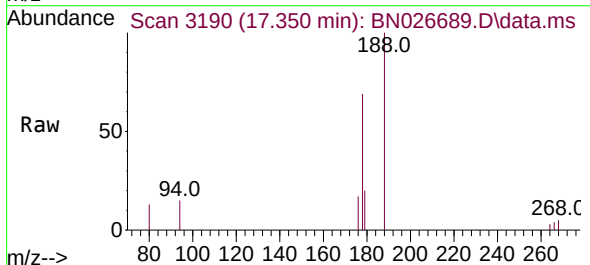
Manual Integrations
APPROVED

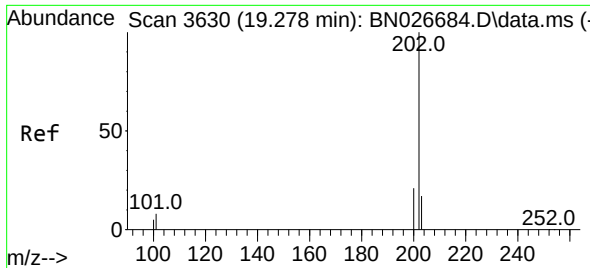
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.075 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

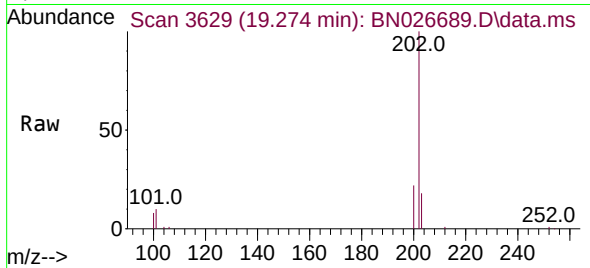
Tgt Ion:178 Resp: 1881
Ion Ratio Lower Upper
178 100
179 28.3 14.8 22.2#
176 24.7 16.6 25.0





#19
Fluoranthene
Concen: 0.972 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

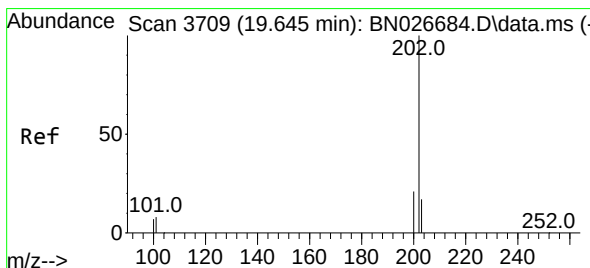
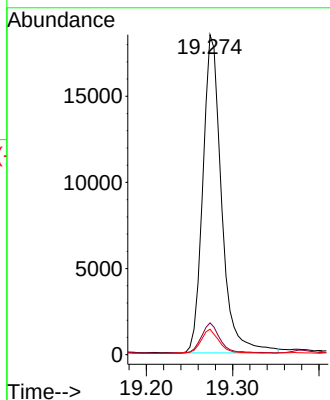
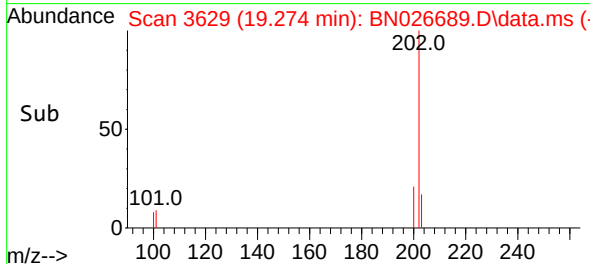
Instrument :
BNA_N
ClientSampleId :
A46S5DL



Tgt Ion:202 Resp: 27960
Ion Ratio Lower Upper
202 100
101 9.9 7.0 10.4
100 8.0 6.0 9.0

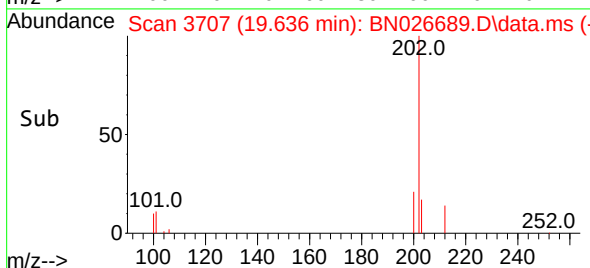
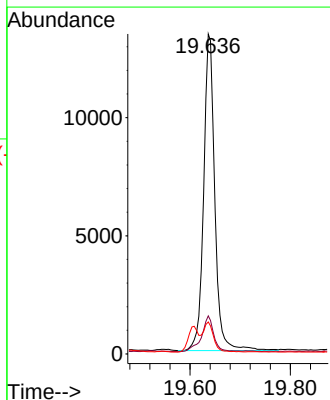
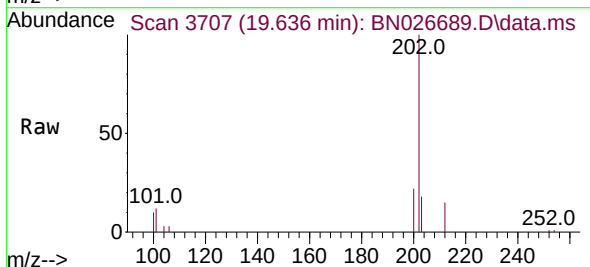
Manual Integrations
APPROVED

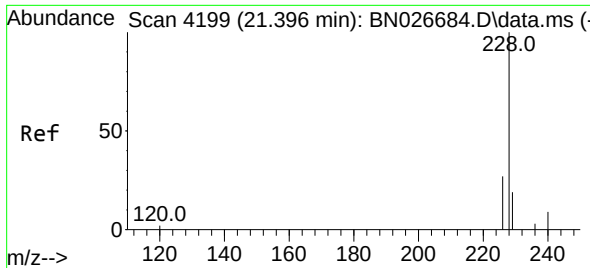
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.665 ng/u1
RT: 19.636 min Scan# 3707
Delta R.T. -0.009 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

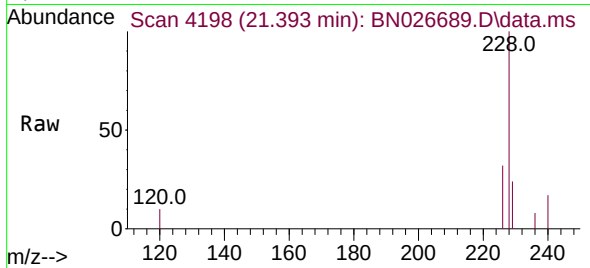
Tgt Ion:202 Resp: 20779
Ion Ratio Lower Upper
202 100
101 11.9 8.0 12.0
100 10.0 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.393 min Scan# 4199
Delta R.T. -0.009 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

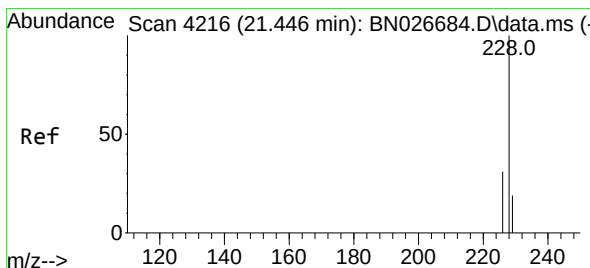
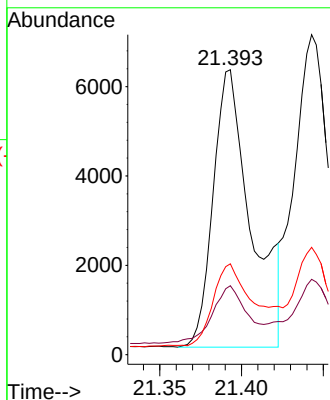
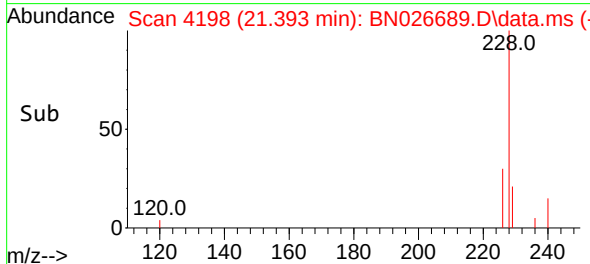
Instrument :
BNA_N
ClientSampleId :
A46S5DL



Tgt Ion:228 Resp: 9990
Ion Ratio Lower Upper
228 100
229 24.2 16.7 25.1
226 31.9 23.5 35.3

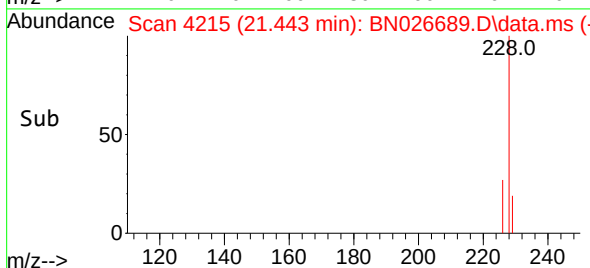
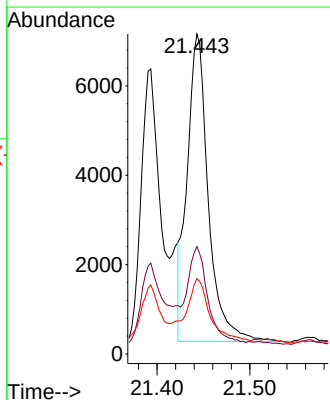
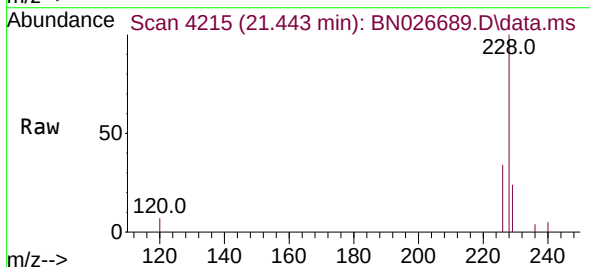
Manual Integrations
APPROVED

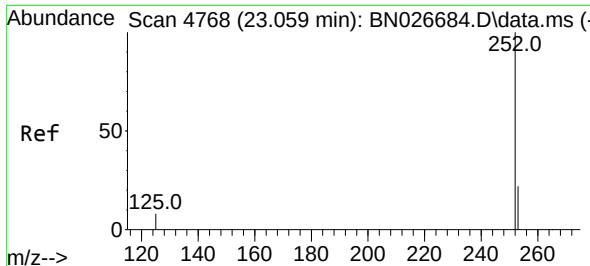
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.443 min Scan# 4215
Delta R.T. -0.012 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

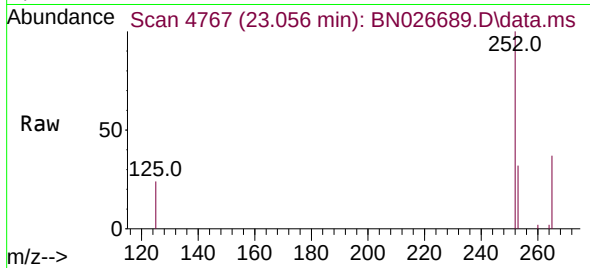
Tgt Ion:228 Resp: 10912
Ion Ratio Lower Upper
228 100
226 33.6 25.2 37.8
229 23.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.628 ng/ul m
RT: 23.056 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

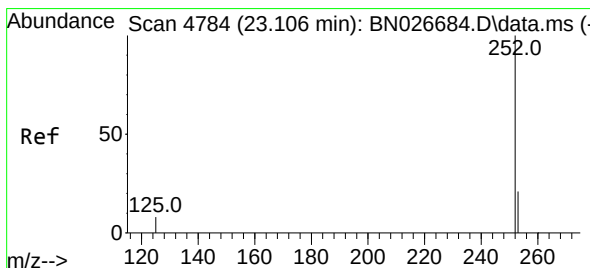
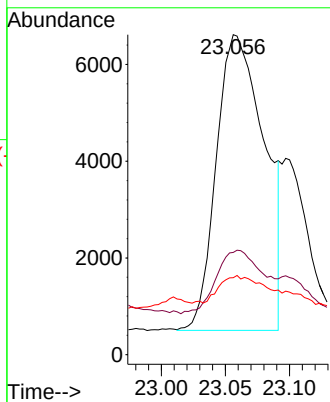
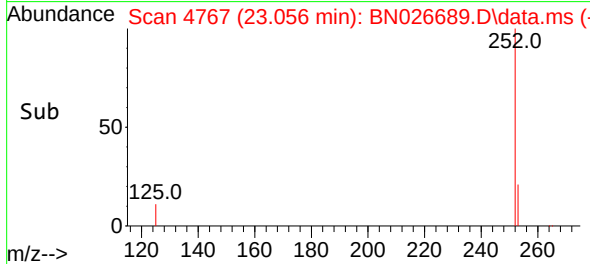
Instrument :
BNA_N
ClientSampleId :
A46S5DL



Tgt Ion:252 Resp: 1591
Ion Ratio Lower Upper
252 100
253 32.0 0.0 68.6
125 24.1 0.0 34.0

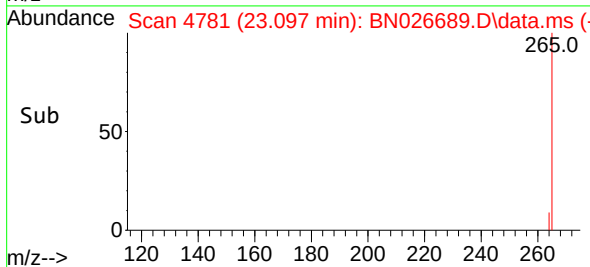
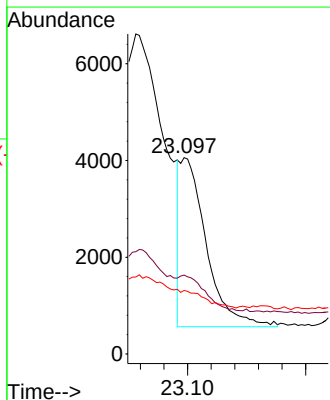
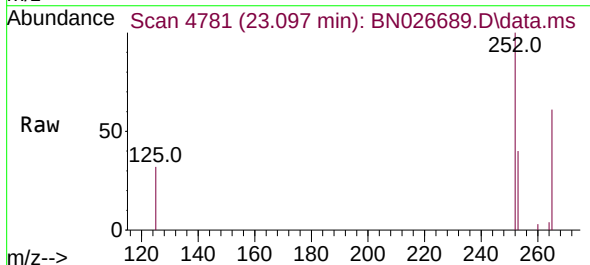
Manual Integrations
APPROVED

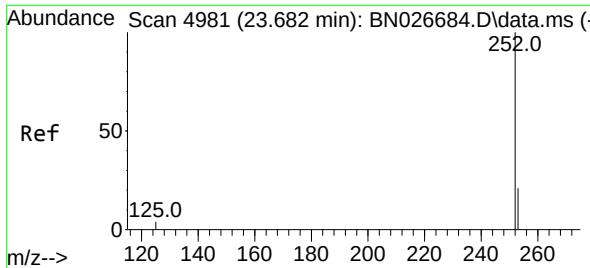
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.205 ng/ul m
RT: 23.097 min Scan# 4781
Delta R.T. -0.017 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

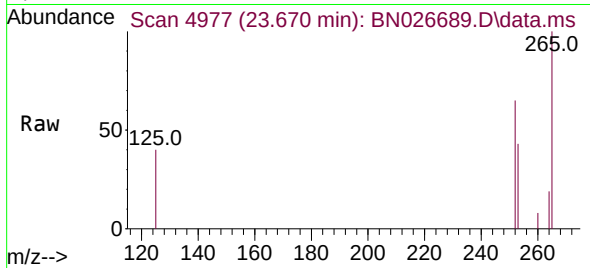
Tgt Ion:252 Resp: 5440
Ion Ratio Lower Upper
252 100
253 40.2 27.2 40.8
125 32.3 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.670 min Scan# 4981
Delta R.T. -0.015 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

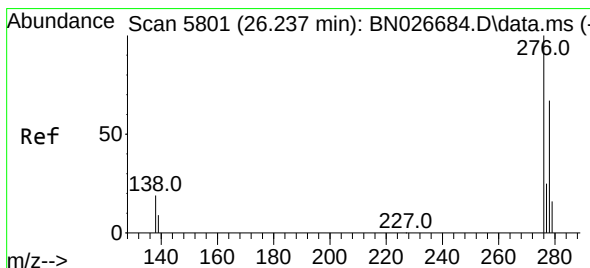
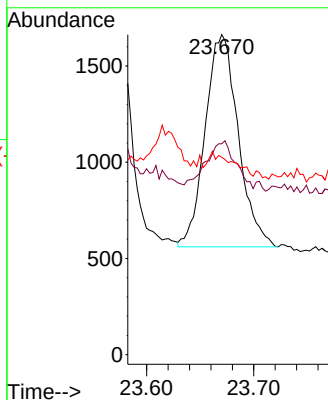
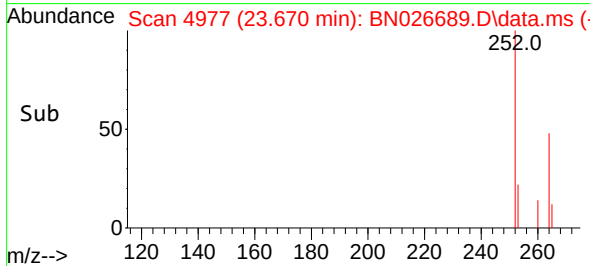
Instrument :
BNA_N
ClientSampleId :
A46S5DL



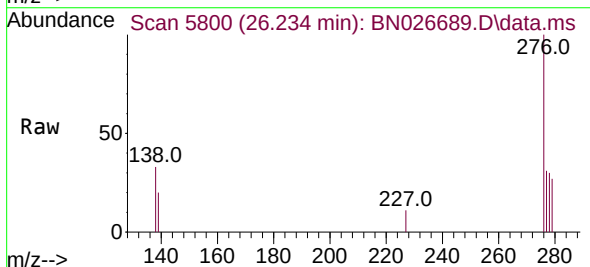
Tgt Ion:252 Resp: 2365
Ion Ratio Lower Upper
252 100
253 65.9 32.6 49.0
125 61.7 19.3 28.9

Manual Integrations
APPROVED

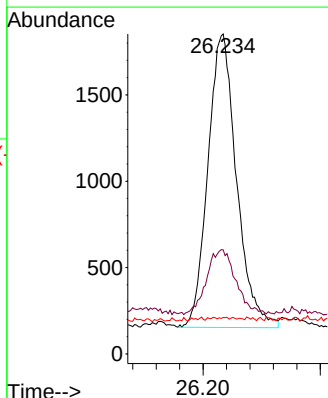
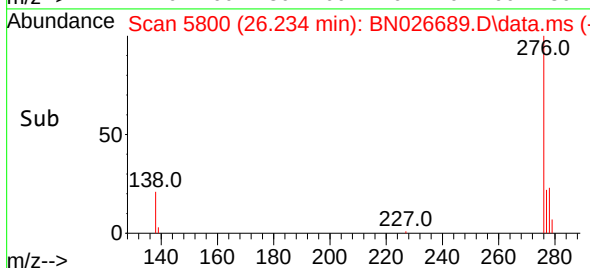
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

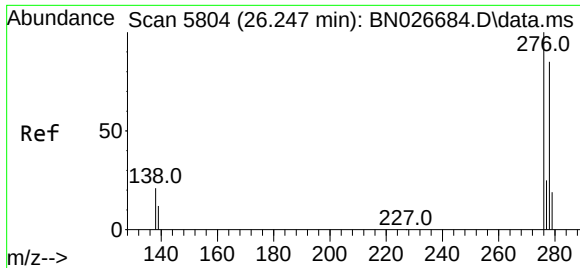


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.017 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12



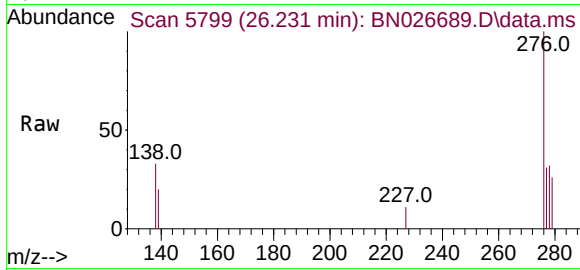
Tgt Ion:276 Resp: 5764
Ion Ratio Lower Upper
276 100
138 22.6 22.2 33.4
227 0.3 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 26.231 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BN026689.D
 Acq: 23 Jul 2023 23:12

Instrument :
 BNA_N
 ClientSampleId :
 A46S5DL



Tgt Ion: 278 Resp: 1749
 Ion Ratio Lower Upper
 278 100
 139 63.8 18.9 28.3
 279 82.5 31.3 46.9

Manual Integrations
 APPROVED

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

