

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026589.D
 Acq On : 19 Jul 2023 08:32
 Operator : MA/JU
 Sample : 03501-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 09:50:18 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 : Wed Jul 19 09:49:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	3059	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.721	136	9689	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.566	164	6477	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	14861	0.400	ng/ul	-0.02
17) Chrysene-d12	21.526	240	11407	0.400	ng/ul	# 0.00
23) Perylene-d12	23.964	264	10540	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	10954	2.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	4879	0.370	ng/ul	-0.03
18) Fluoranthene-d10	19.354	212	13149	0.333	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	740	0.028	ng/ul#	63
10) Acenaphthylene	14.283	152	1737	0.055	ng/ul#	74
11) Acenaphthene	14.630	153	1027	0.043	ng/ul	95
12) Fluorene	15.616	166	1592	0.063	ng/ul#	96
15) Phenanthrene	17.360	178	27363	0.578	ng/ul	98
16) Anthracene	17.448	178	6580	0.160	ng/ul#	90
19) Fluoranthene	19.382	202	61322	1.147	ng/ul#	96
20) Pyrene	19.744	202	21641	0.373	ng/ul	99
21) Benzo(a)anthracene	21.508	228	21777	0.520	ng/ul	97
22) Chrysene	21.567	228	23675	0.496	ng/ul	96
24) Benzo(b)fluoranthene	23.221	252	29968m	0.730	ng/ul	
25) Benzo(k)fluoranthene	23.265	252	12440m	0.289	ng/ul	
26) Benzo(a)pyrene	23.856	252	3798	0.104	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.501	276	5223	0.109	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.507	278	3786	0.103	ng/ul#	49

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

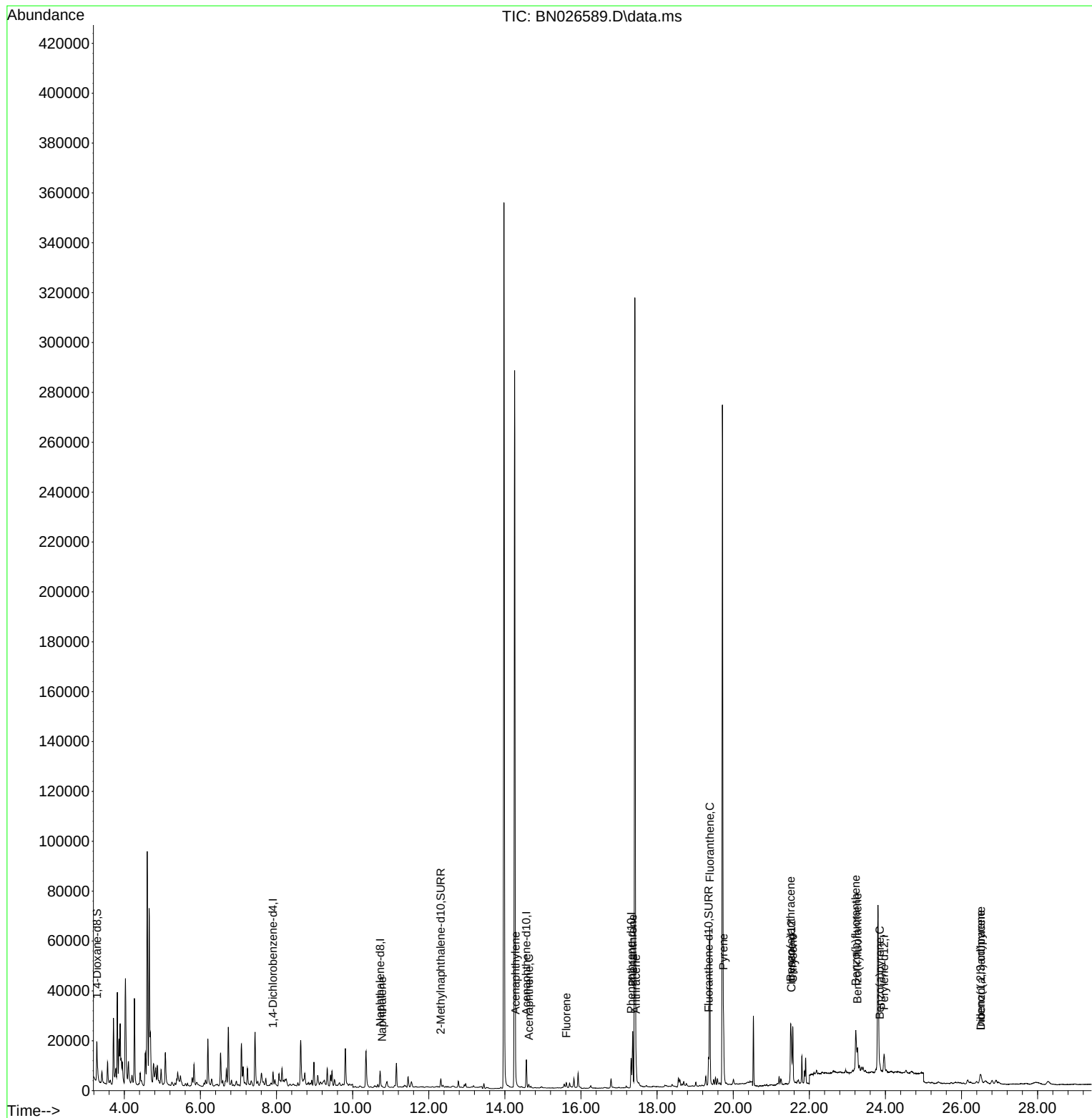
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026589.D
Acq On : 19 Jul 2023 08:32
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

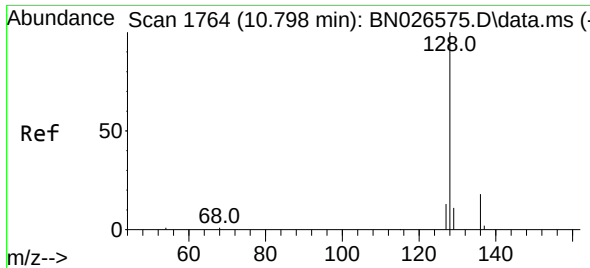
Instrument :
BNA_N
ClientSampleId :
A46X4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

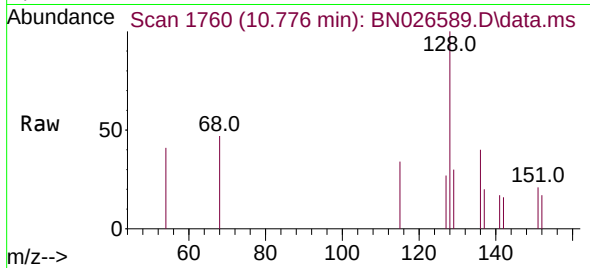
Quant Time: Jul 19 09:50:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 09:49:57 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.776 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

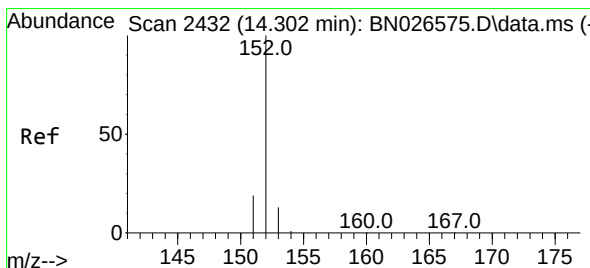
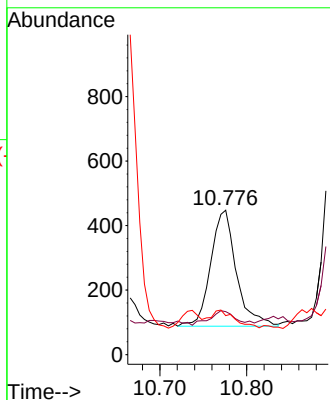
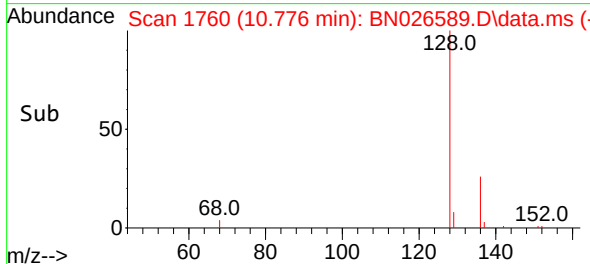
Instrument :
BNA_N
ClientSampleId :
A46X4



Tgt Ion:128 Resp: 740
Ion Ratio Lower Upper
128 100
129 29.7 10.2 15.2#
127 27.0 11.4 17.0#

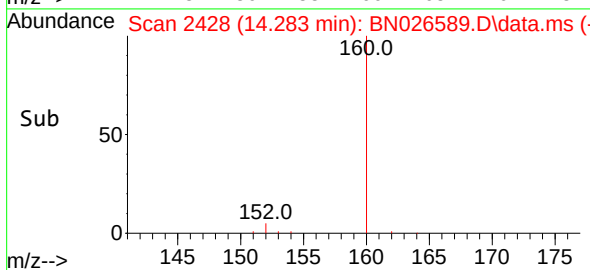
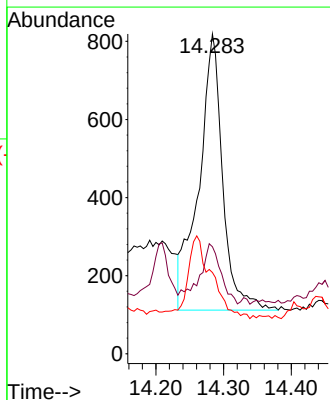
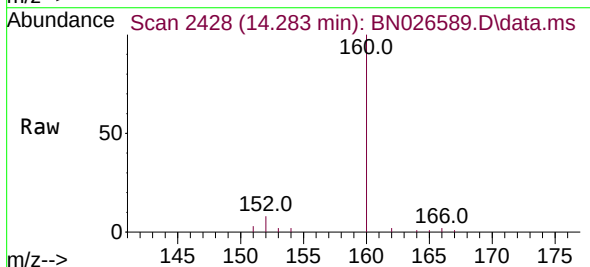
Manual Integrations
APPROVED

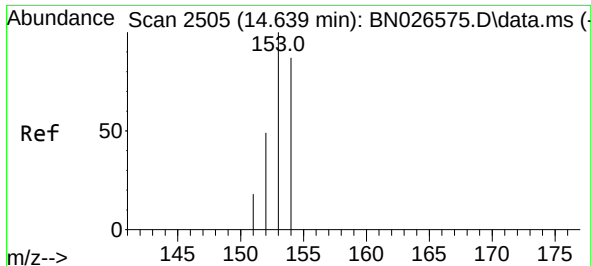
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. -0.018 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

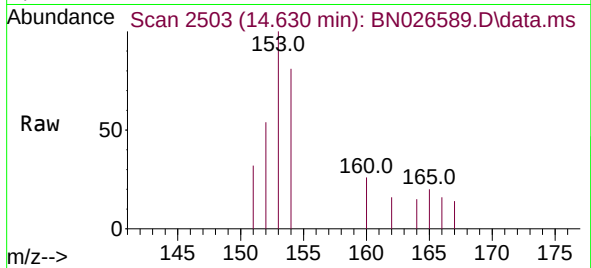
Tgt Ion:152 Resp: 1737
Ion Ratio Lower Upper
152 100
151 33.5 17.0 25.6#
153 25.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.630 min Scan# 2107
Delta R.T. -0.009 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

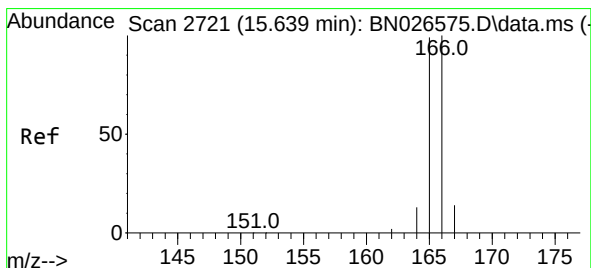
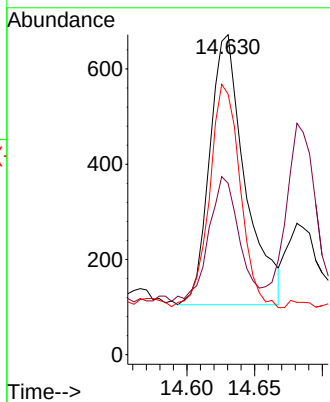
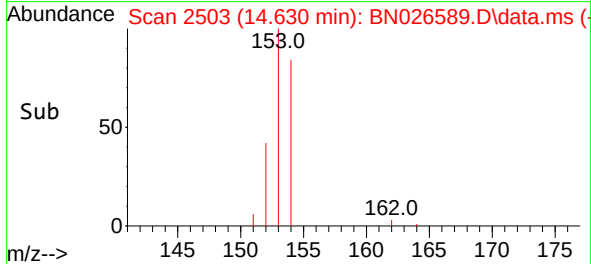
Instrument :
BNA_N
ClientSampleId :
A46X4



Tgt Ion:153 Resp: 102
Ion Ratio Lower Upper
153 100
152 53.6 40.2 60.4
154 81.4 69.3 103.9

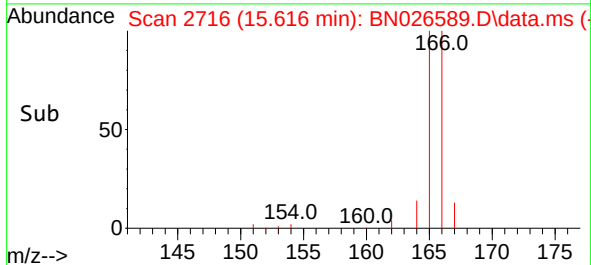
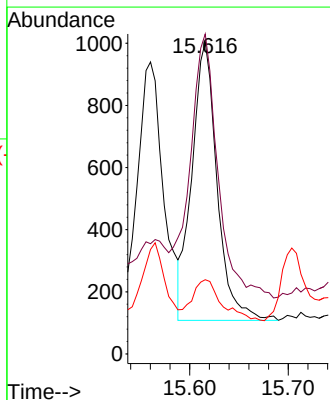
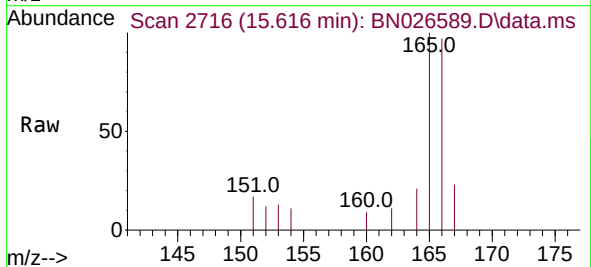
Manual Integrations
APPROVED

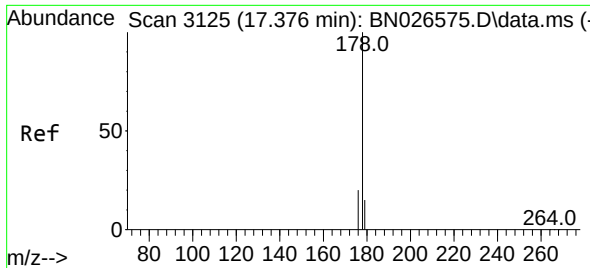
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.616 min Scan# 2716
Delta R.T. -0.023 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

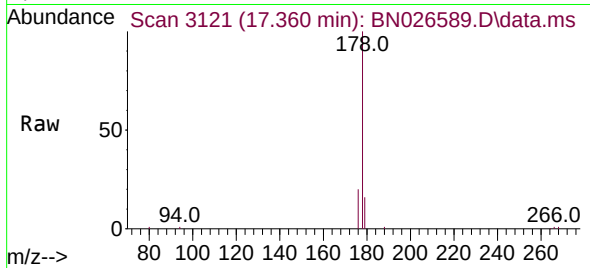
Tgt Ion:166 Resp: 1592
Ion Ratio Lower Upper
166 100
165 102.6 80.6 120.8
167 23.8 12.0 18.0#





#15
Phenanthrene
Concen: 0.578 ng/u1
RT: 17.360 min Scan# 3125
Delta R.T. -0.017 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

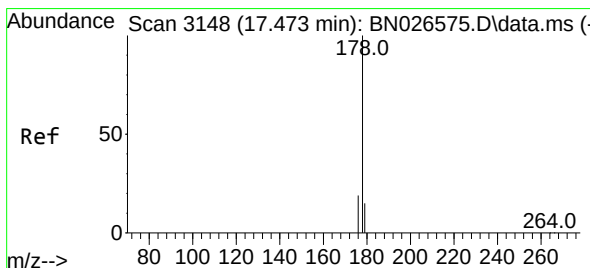
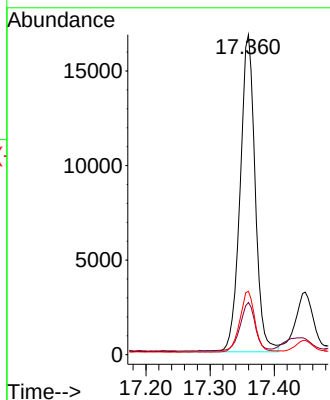
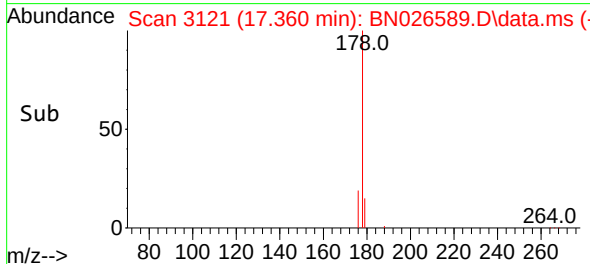
Instrument :
BNA_N
ClientSampleId :
A46X4



Tgt Ion:178 Resp: 2736
Ion Ratio Lower Upper
178 100
179 16.3 13.7 20.5
176 19.8 16.5 24.7

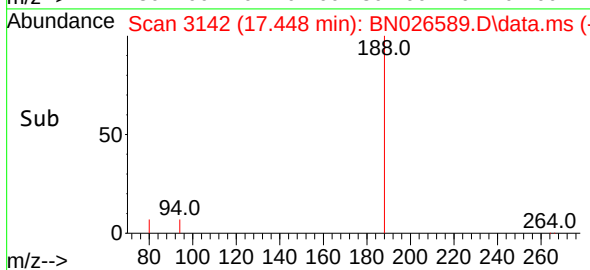
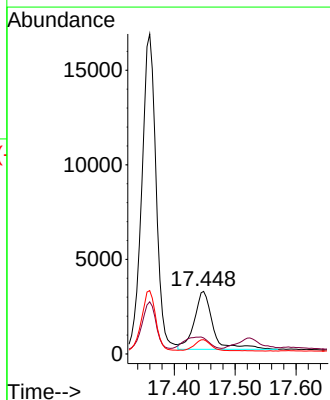
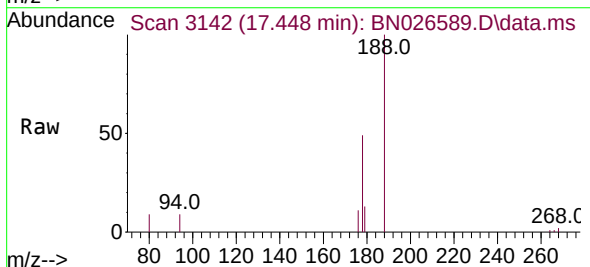
Manual Integrations
APPROVED

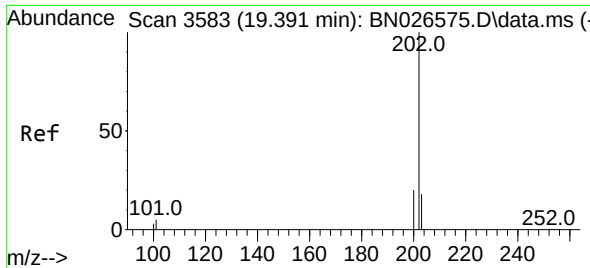
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 0.160 ng/u1
RT: 17.448 min Scan# 3142
Delta R.T. -0.025 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

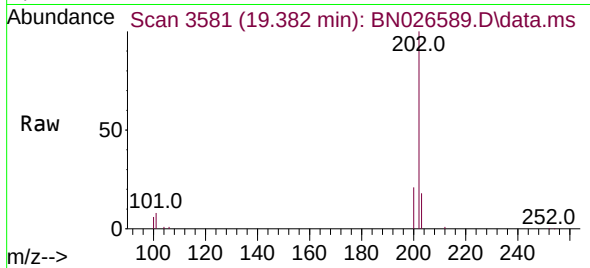
Tgt Ion:178 Resp: 6580
Ion Ratio Lower Upper
178 100
179 25.5 14.8 22.2#
176 22.8 16.6 25.0





#19
Fluoranthene
Concen: 1.147 ng/ul
RT: 19.382 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

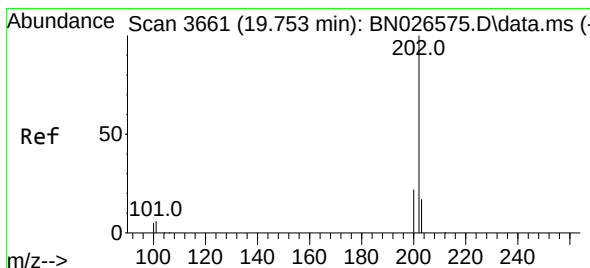
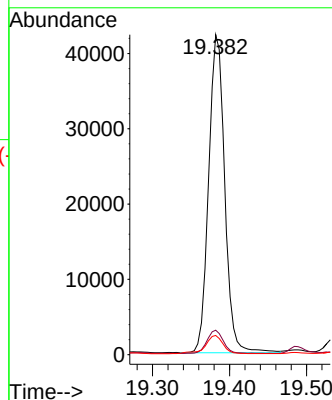
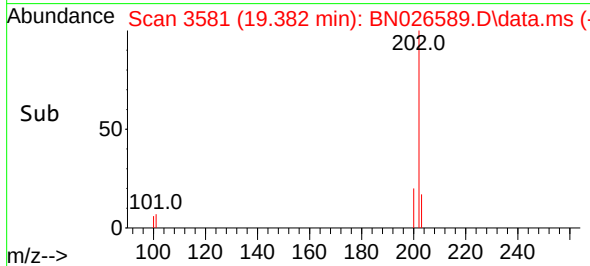
Instrument :
BNA_N
ClientSampleId :
A46X4



Tgt Ion:202 Resp: 6132
Ion Ratio Lower Upper
202 100
101 7.6 7.0 10.4
100 6.0 6.0 9.0

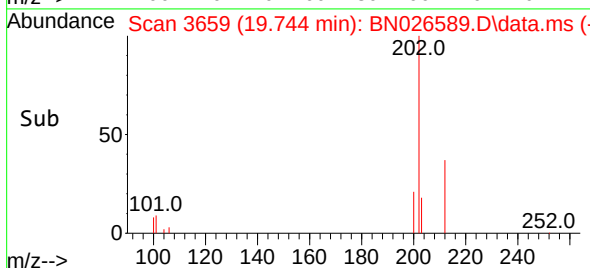
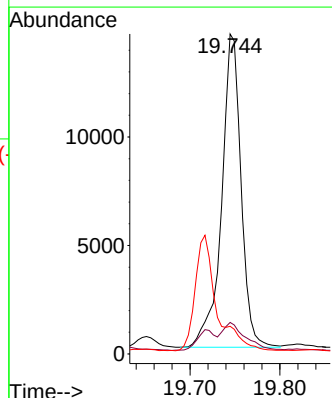
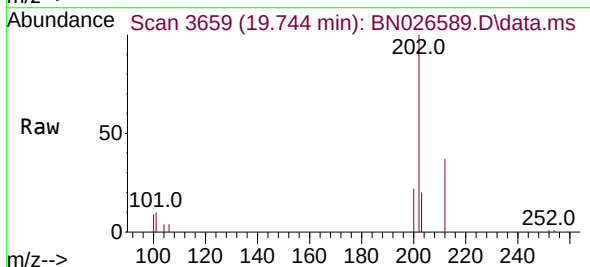
Manual Integrations
APPROVED

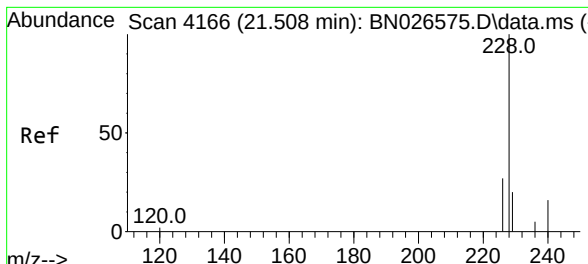
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.009 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

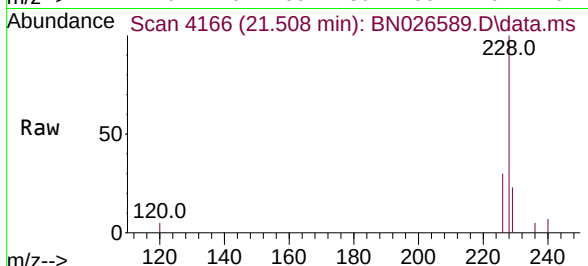
Tgt Ion:202 Resp: 21641
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 8.7 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.520 ng/u1
RT: 21.508 min Scan# 4166
Delta R.T. 0.001 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

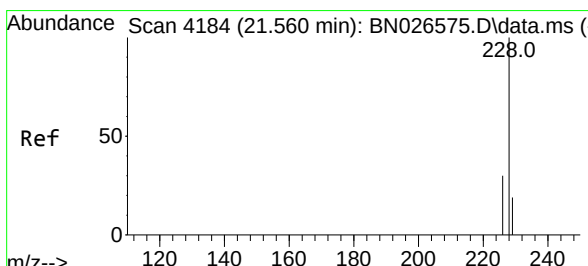
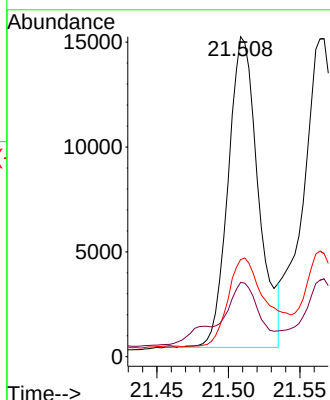
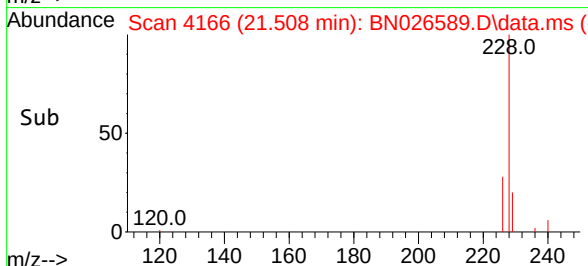
Instrument :
BNA_N
ClientSampleId :
A46X4



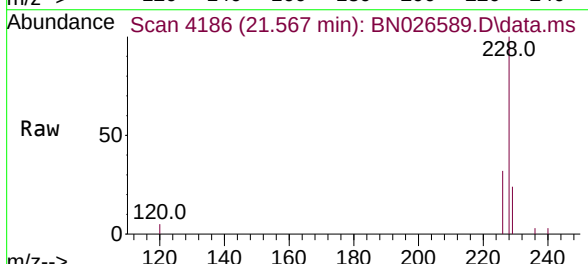
Tgt Ion:228 Resp: 2177
Ion Ratio Lower Upper
228 100
229 23.2 16.7 25.1
226 30.3 23.5 35.3

Manual Integrations
APPROVED

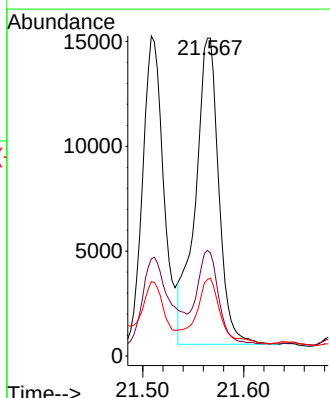
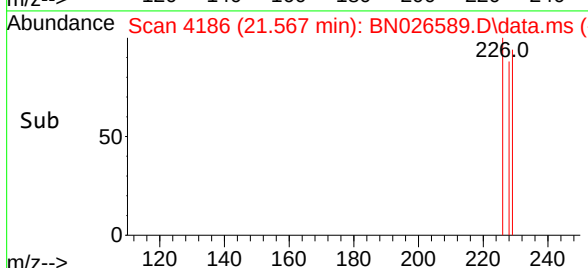
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

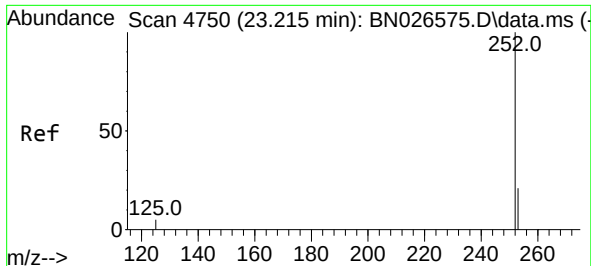


#22
Chrysene
Concen: 0.496 ng/u1
RT: 21.567 min Scan# 4186
Delta R.T. 0.006 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32



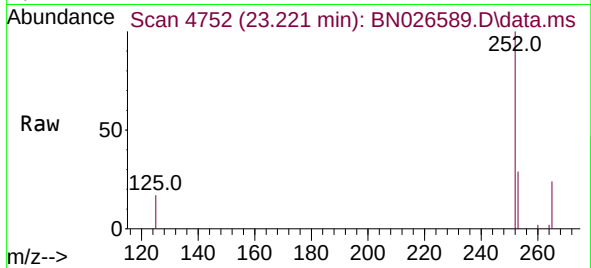
Tgt Ion:228 Resp: 23675
Ion Ratio Lower Upper
228 100
226 32.4 25.2 37.8
229 24.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.730 ng/ul m
RT: 23.221 min Scan# 4752
Delta R.T. 0.006 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

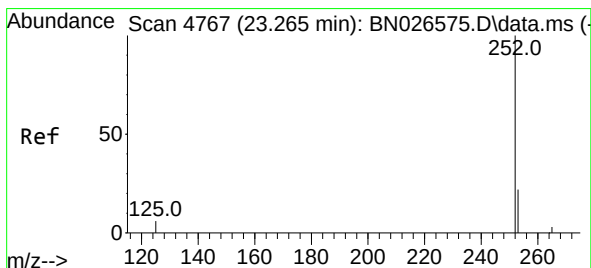
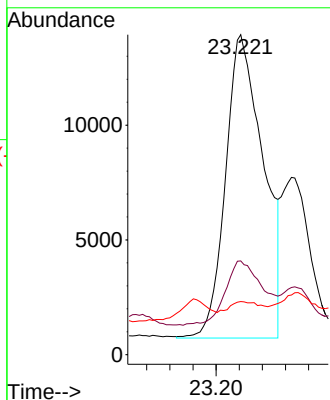
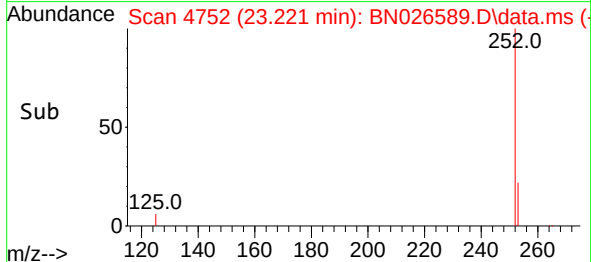
Instrument :
BNA_N
ClientSampleId :
A46X4



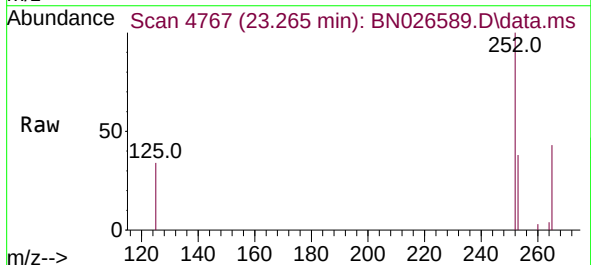
Tgt Ion:252 Resp: 29968
Ion Ratio Lower Upper
252 100
253 29.3 0.0 68.6
125 16.6 0.0 34.0

Manual Integrations
APPROVED

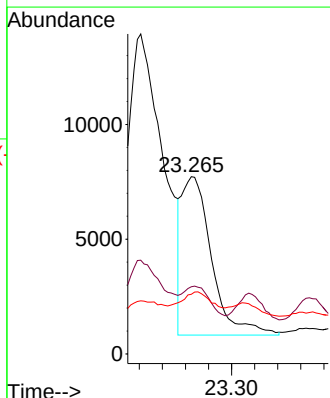
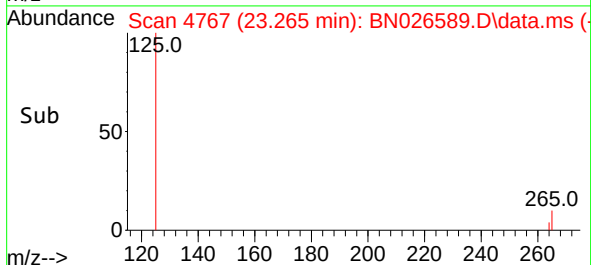
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

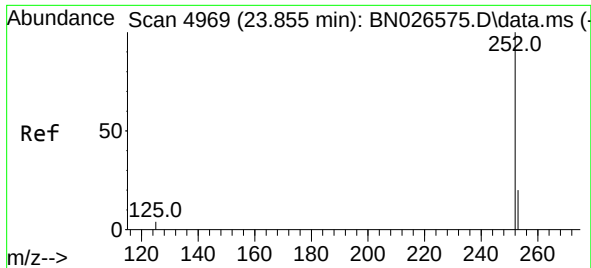


#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul m
RT: 23.265 min Scan# 4767
Delta R.T. 0.001 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32



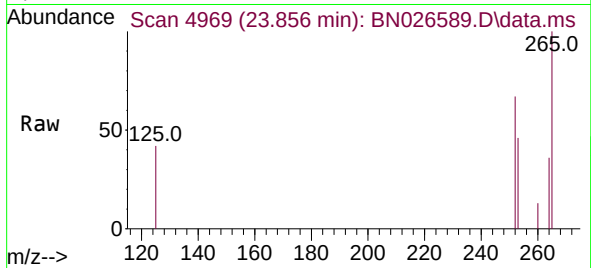
Tgt Ion:252 Resp: 12440
Ion Ratio Lower Upper
252 100
253 37.9 27.2 40.8
125 33.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.856 min Scan# 4969
Delta R.T. 0.001 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32

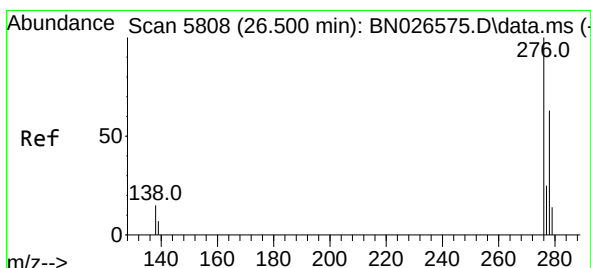
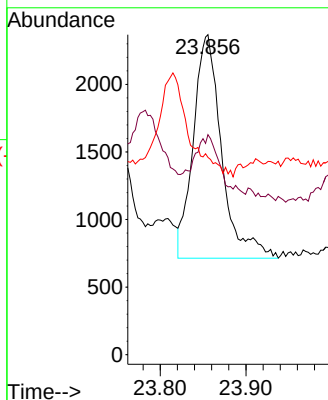
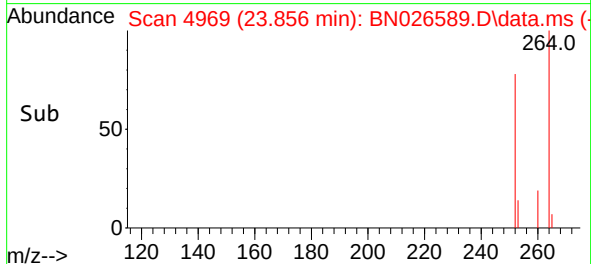
Instrument :
BNA_N
ClientSampleId :
A46X4



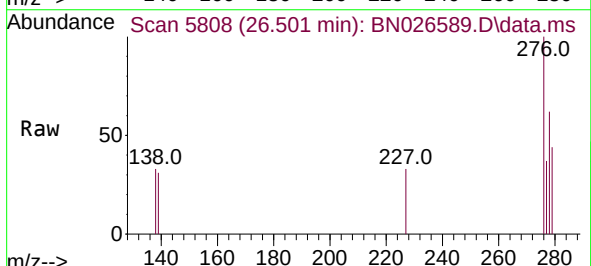
Tgt Ion:252 Resp: 3798
Ion Ratio Lower Upper
252 100
253 68.8 32.6 49.0#
125 61.7 19.3 28.9#

Manual Integrations
APPROVED

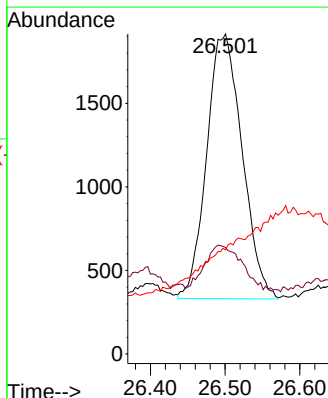
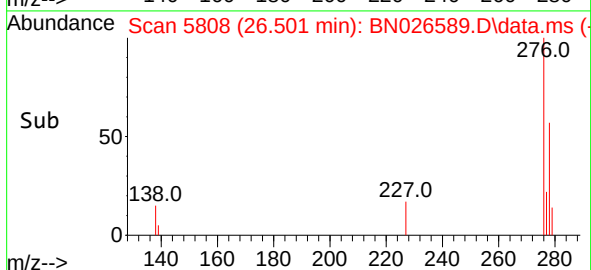
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

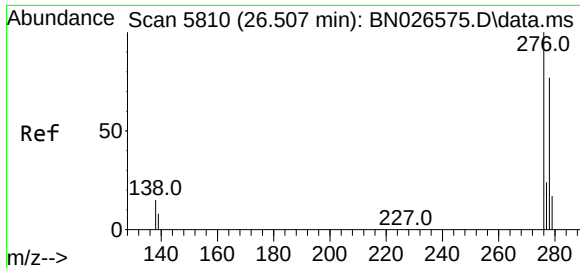


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 26.501 min Scan# 5808
Delta R.T. 0.001 min
Lab File: BN026589.D
Acq: 19 Jul 2023 08:32



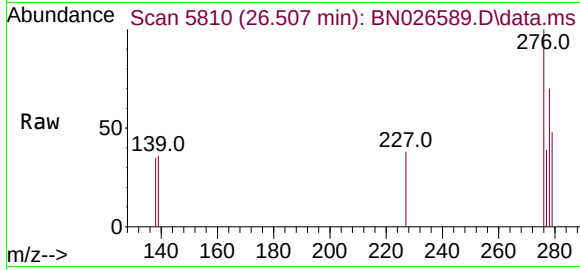
Tgt Ion:276 Resp: 5223
Ion Ratio Lower Upper
276 100
138 19.1 22.2 33.4#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.103 ng/ul
 RT: 26.507 min Scan# 5810
 Delta R.T. 0.001 min
 Lab File: BN026589.D
 Acq: 19 Jul 2023 08:32

Instrument :
 BNA_N
 ClientSampleId :
 A46X4



Tgt Ion: 278 Resp: 3780

Ion	Ratio	Lower	Upper
278	100		
139	51.1	18.9	28.3
279	67.9	31.3	46.9

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 07/19/2023
 Supervised By : mohammad ahmed 07/19/2023

