

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026588.D
 Acq On : 19 Jul 2023 06:17
 Operator : MA/JU
 Sample : 03501-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

Quant Time: Jul 19 07:00:44 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 : Wed Jul 19 00:52:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	1661	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.732	136	5448	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.570	164	3974	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	9901	0.400	ng/ul	-0.01
17) Chrysene-d12	21.520	240	11006	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	11132	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	5466	2.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	2779	0.375	ng/ul	-0.02
18) Fluoranthene-d10	19.354	212	9795	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	439	0.029	ng/ul#	42
10) Acenaphthylene	14.288	152	2381	0.122	ng/ul#	84
11) Acenaphthene	14.630	153	590	0.040	ng/ul#	92
12) Fluorene	15.620	166	1078	0.069	ng/ul#	93
15) Phenanthrene	17.364	178	16411	0.520	ng/ul	99
16) Anthracene	17.452	178	3107	0.114	ng/ul#	88
19) Fluoranthene	19.382	202	45135	0.875	ng/ul	97
20) Pyrene	19.745	202	20427	0.365	ng/ul	98
21) Benzo(a)anthracene	21.503	228	22399	0.554	ng/ul#	90
22) Chrysene	21.558	228	24840	0.540	ng/ul#	92
24) Benzo(b)fluoranthene	23.210	252	32879m	0.758	ng/ul	
25) Benzo(k)fluoranthene	23.253	252	13094m	0.288	ng/ul	
26) Benzo(a)pyrene	23.844	252	4919	0.127	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	26.491	276	6732	0.133	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.497	278	4306	0.111	ng/ul#	43

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

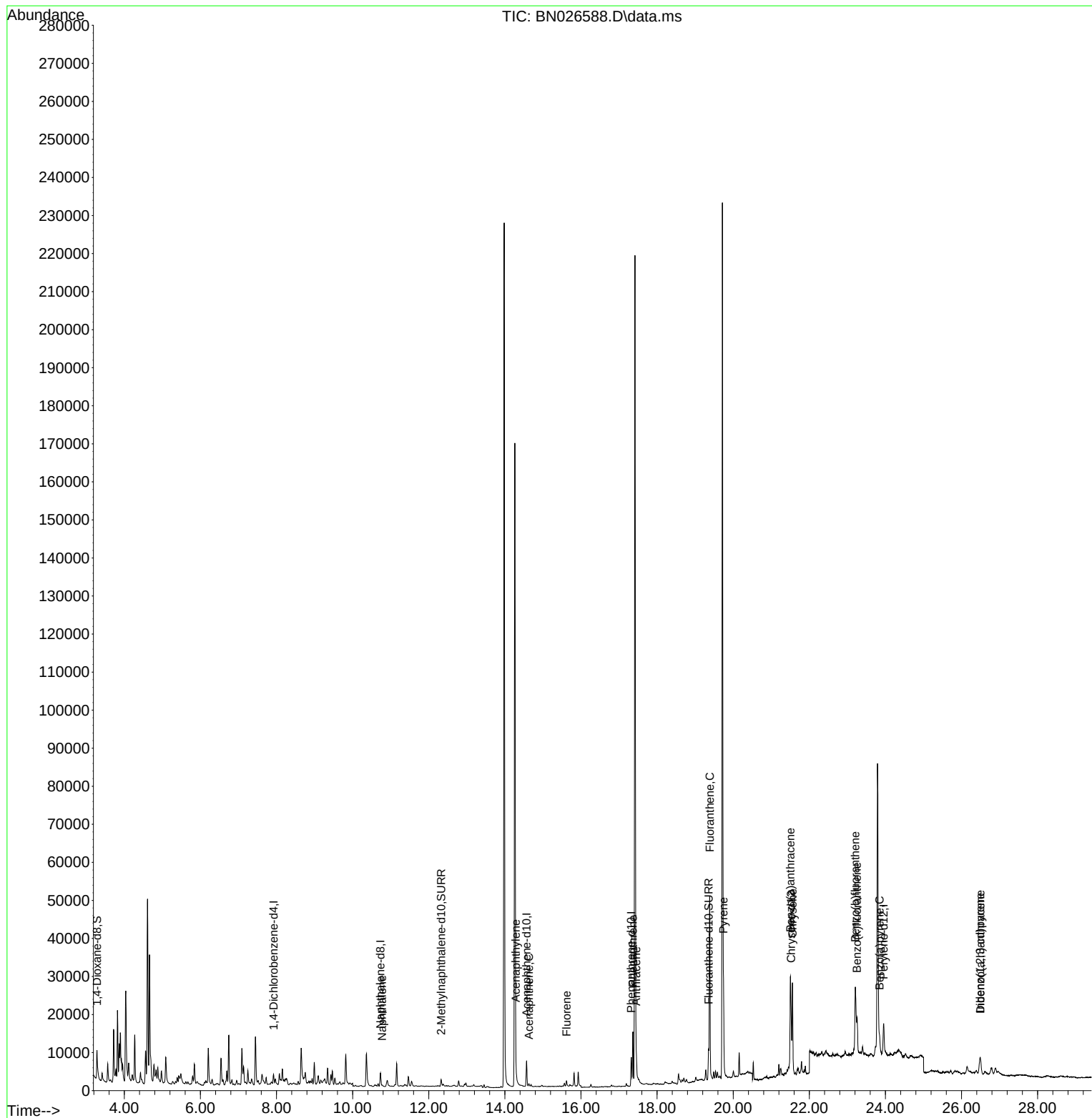
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026588.D
Acq On : 19 Jul 2023 06:17
Operator : MA/JU
Sample : 03501-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

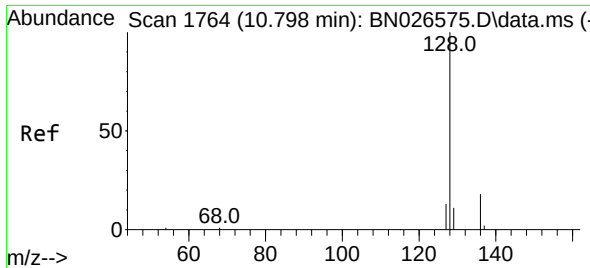
Instrument :
BNA_N
ClientSampleId :
A46X3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

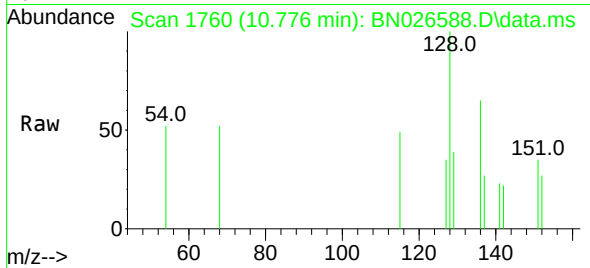
Quant Time: Jul 19 07:00:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/u1
RT: 10.776 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

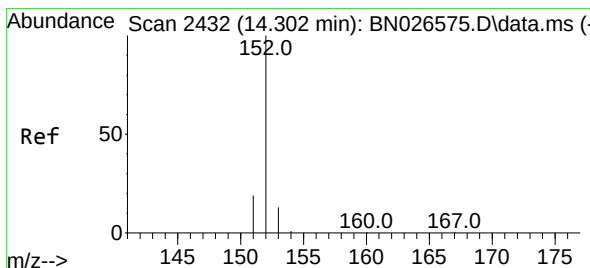
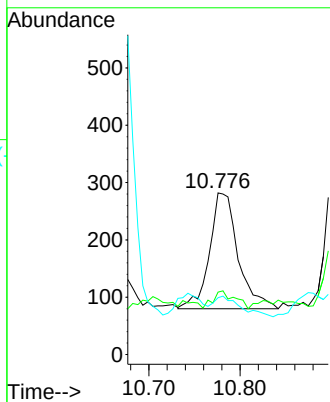
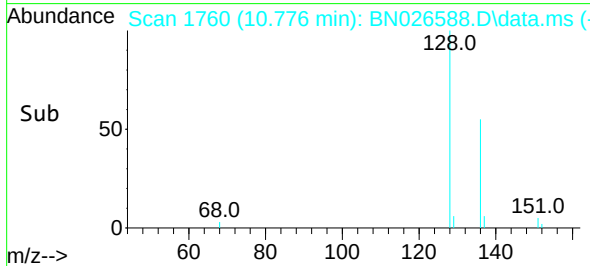
Instrument :
BNA_N
ClientSampleId :
A46X3



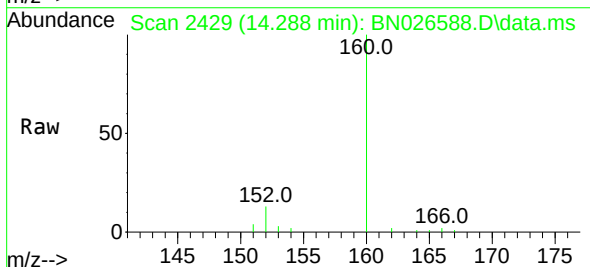
Tgt Ion:128 Resp: 439
Ion Ratio Lower Upper
128 100
129 38.7 10.2 15.2#
127 35.1 11.4 17.0#

Manual Integrations
APPROVED

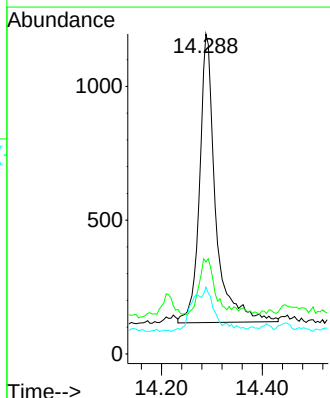
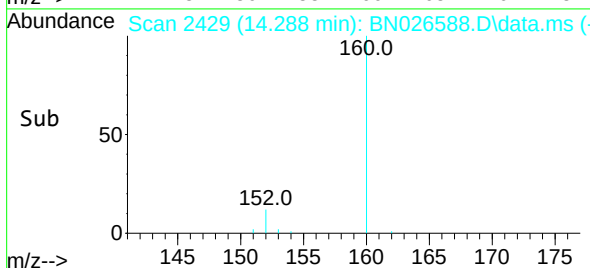
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

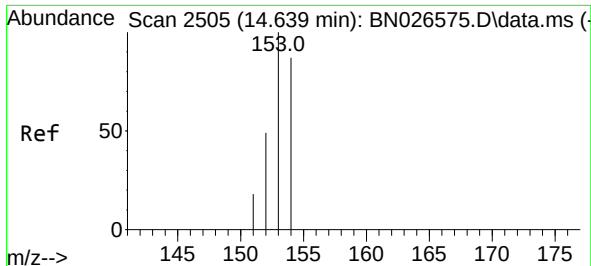


#10
Acenaphthylene
Concen: 0.122 ng/u1
RT: 14.288 min Scan# 2429
Delta R.T. -0.014 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17



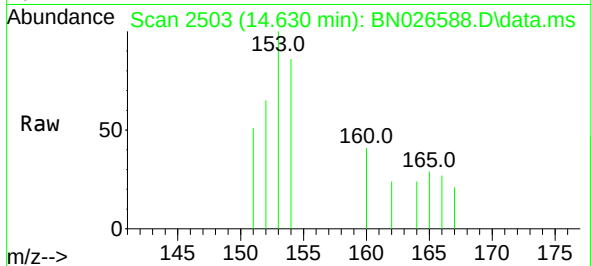
Tgt Ion:152 Resp: 2381
Ion Ratio Lower Upper
152 100
151 28.8 17.0 25.6#
153 20.8 11.4 17.2#





#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.630 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

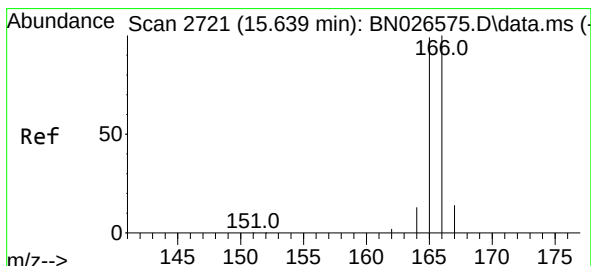
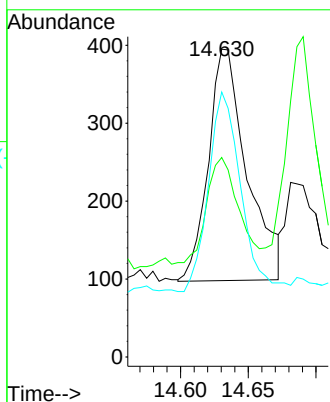
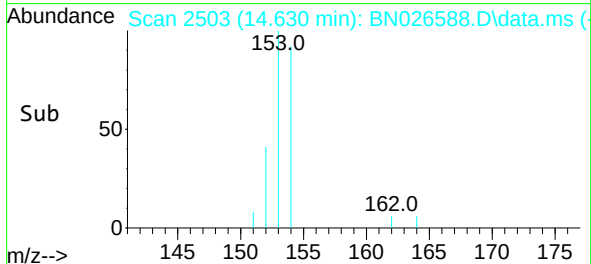
Instrument :
BNA_N
ClientSampleId :
A46X3



Tgt Ion:153 Resp: 590
Ion Ratio Lower Upper
153 100
152 64.8 40.2 60.4
154 86.1 69.3 103.9

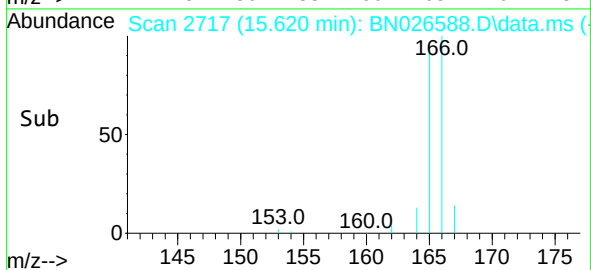
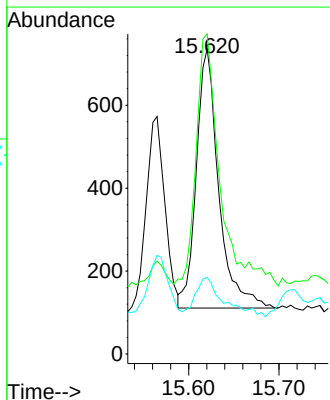
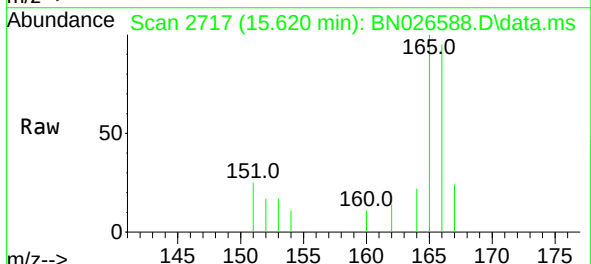
Manual Integrations
APPROVED

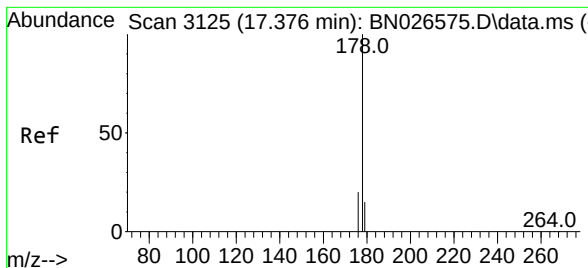
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#12
Fluorene
Concen: 0.069 ng/u1
RT: 15.620 min Scan# 2717
Delta R.T. -0.018 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

Tgt Ion:166 Resp: 1078
Ion Ratio Lower Upper
166 100
165 104.9 80.6 120.8
167 25.1 12.0 18.0#





#15

Phenanthrene

Concen: 0.520 ng/ul

RT: 17.364 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BN026588.D

Acq: 19 Jul 2023 06:17

Instrument :

BNA_N

ClientSampleId :

A46X3

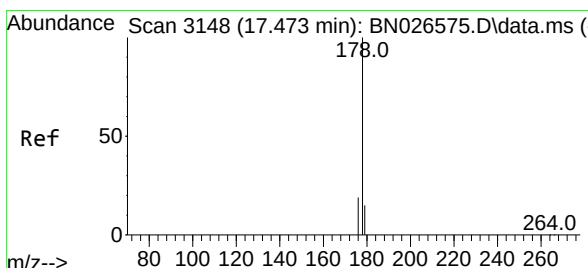
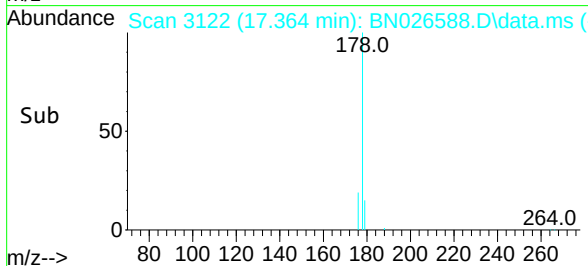
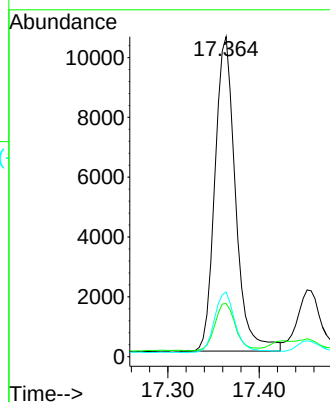
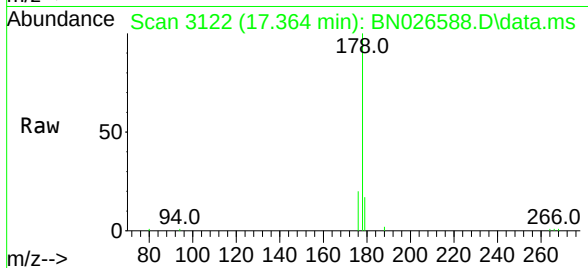
Tgt Ion:178	Resp:	1641
Ion Ratio	Lower	Upper
178	100	
179	16.6	13.7 20.5
176	20.2	16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :Sohil Jodhani 07/19/2023



#16

Anthracene

Concen: 0.114 ng/ul

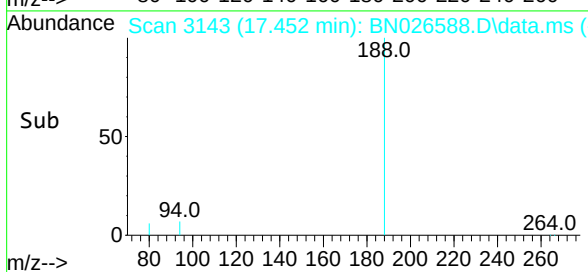
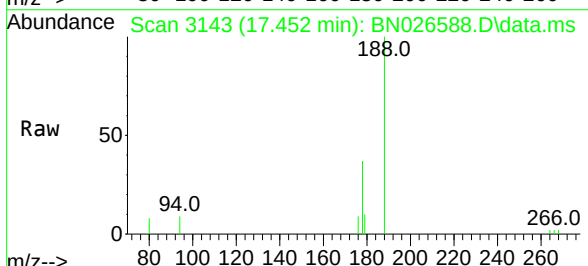
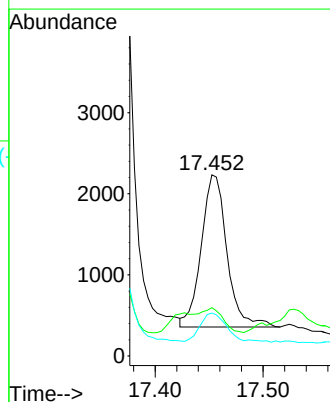
RT: 17.452 min Scan# 3143

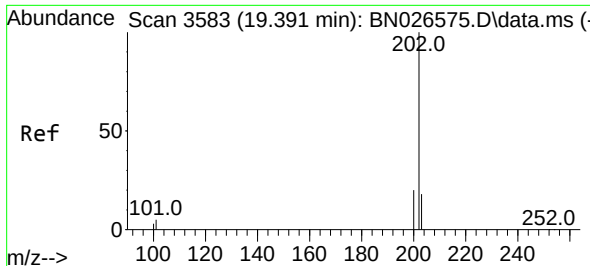
Delta R.T. -0.021 min

Lab File: BN026588.D

Acq: 19 Jul 2023 06:17

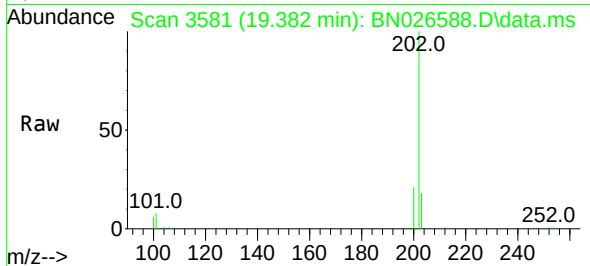
Tgt Ion:178	Resp:	3107
Ion Ratio	Lower	Upper
178	100	
179	26.7	14.8 22.2#
176	23.7	16.6 25.0





#19
Fluoranthene
Concen: 0.875 ng/u1
RT: 19.382 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

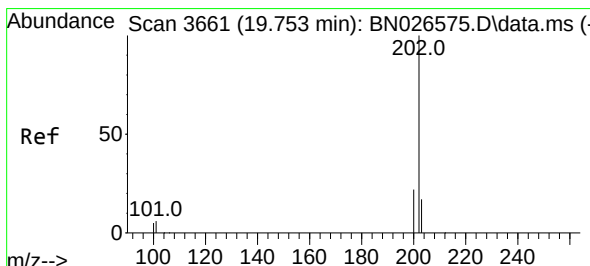
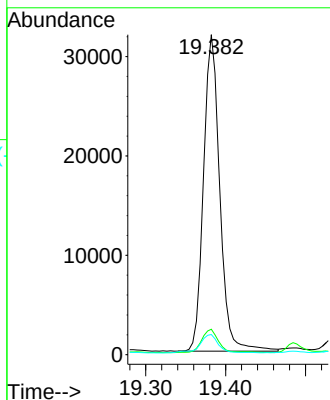
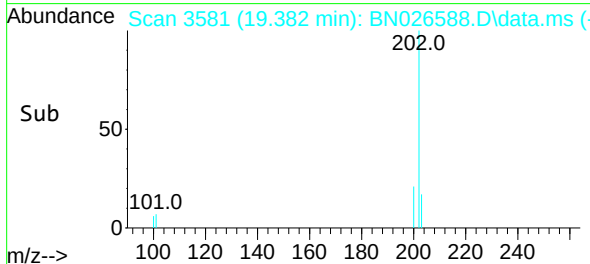
Instrument :
BNA_N
ClientSampleId :
A46X3



Tgt Ion:202 Resp: 4513
Ion Ratio Lower Upper
202 100
101 7.9 7.0 10.4
100 6.3 6.0 9.0

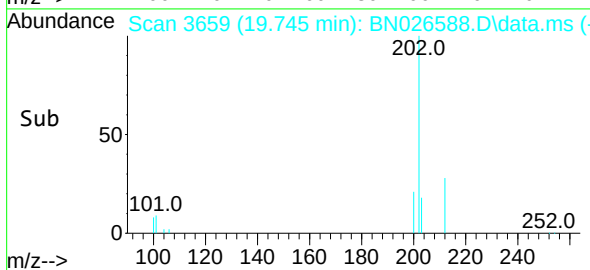
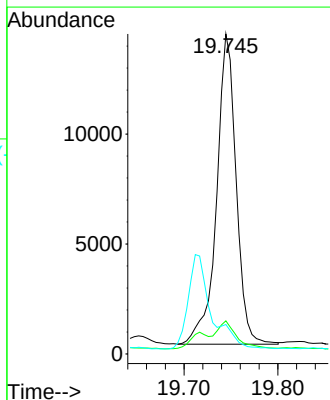
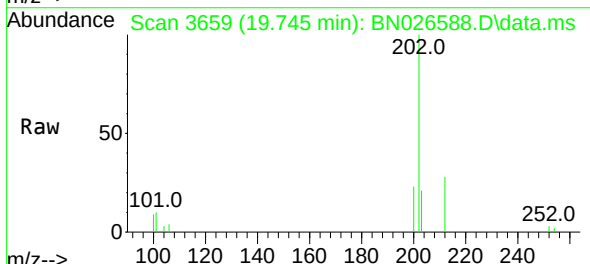
Manual Integrations
APPROVED

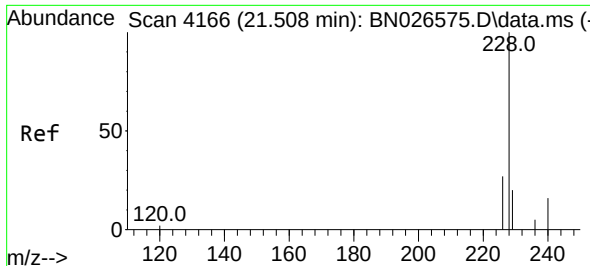
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#20
Pyrene
Concen: 0.365 ng/u1
RT: 19.745 min Scan# 3659
Delta R.T. -0.009 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

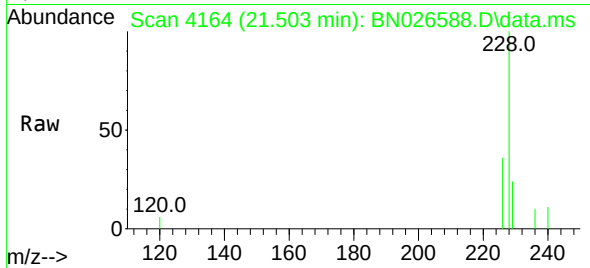
Tgt Ion:202 Resp: 20427
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 9.2 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.554 ng/u1
RT: 21.503 min Scan# 4166
Delta R.T. -0.005 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

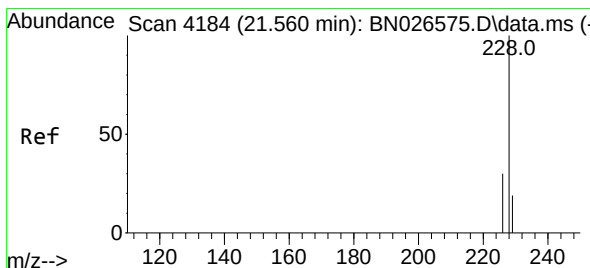
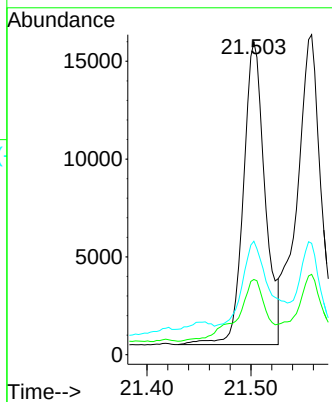
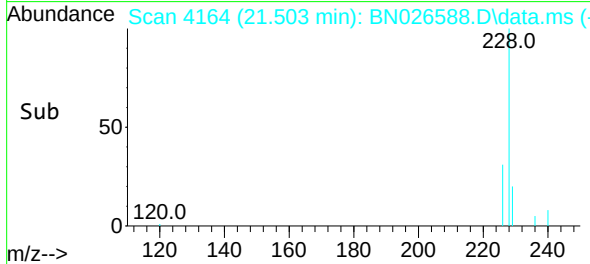
Instrument :
BNA_N
ClientSampleId :
A46X3



Tgt Ion:228 Resp: 22399
Ion Ratio Lower Upper
228 100
229 24.0 16.7 25.1
226 36.3 23.5 35.3

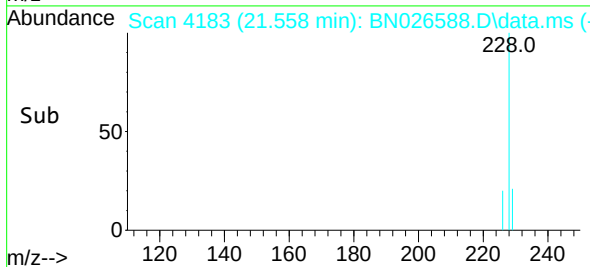
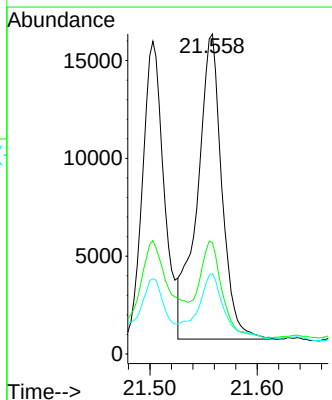
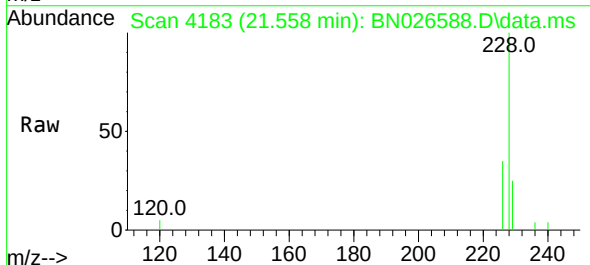
Manual Integrations
APPROVED

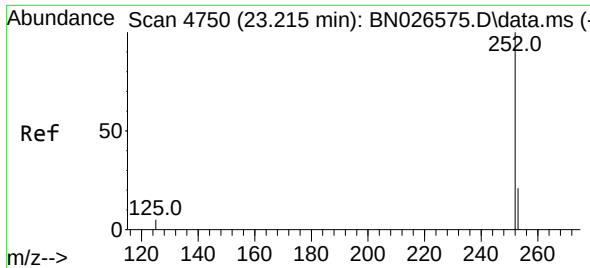
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#22
Chrysene
Concen: 0.540 ng/u1
RT: 21.558 min Scan# 4183
Delta R.T. -0.002 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

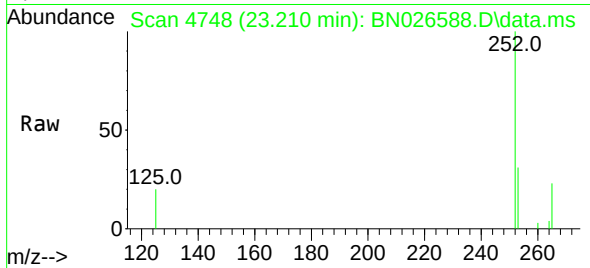
Tgt Ion:228 Resp: 24840
Ion Ratio Lower Upper
228 100
226 34.8 25.2 37.8
229 25.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.758 ng/ul m
RT: 23.210 min Scan# 4750
Delta R.T. -0.005 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

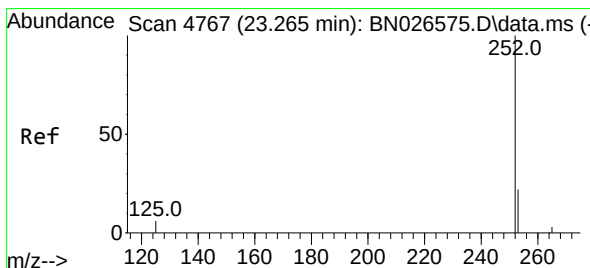
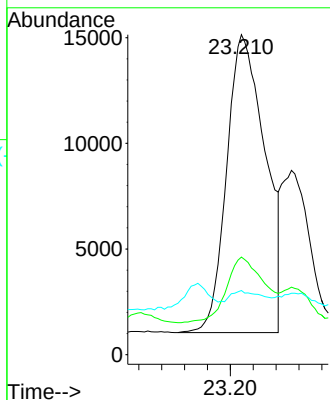
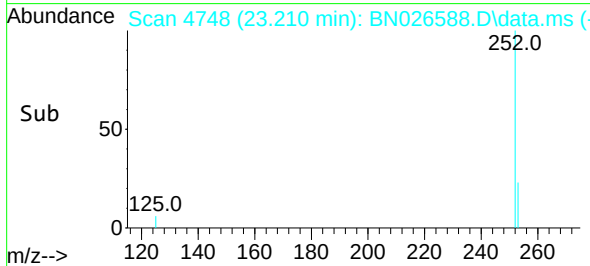
Instrument :
BNA_N
ClientSampleId :
A46X3



Tgt Ion:252 Resp: 32879
Ion Ratio Lower Upper
252 100
253 30.5 0.0 68.6
125 20.1 0.0 34.0

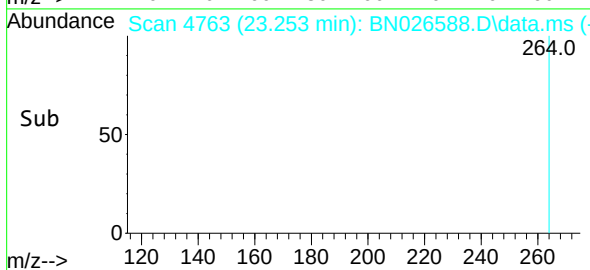
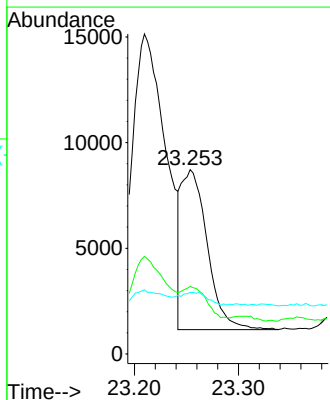
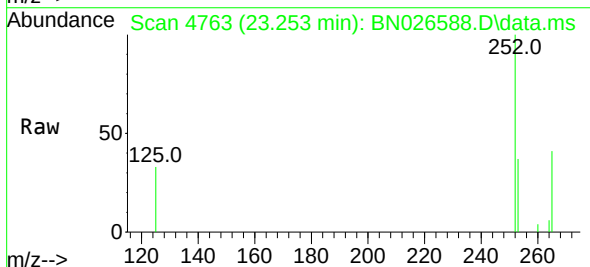
Manual Integrations
APPROVED

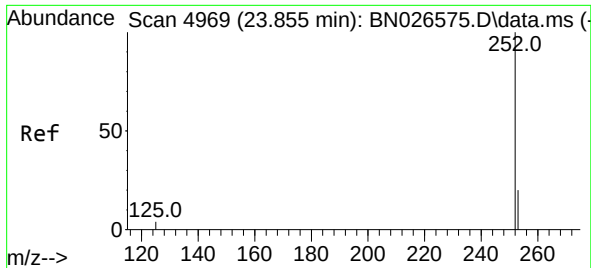
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.011 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

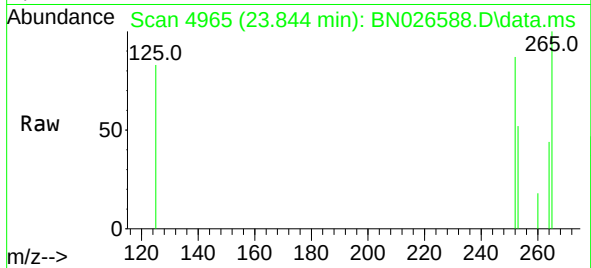
Tgt Ion:252 Resp: 13094
Ion Ratio Lower Upper
252 100
253 36.6 27.2 40.8
125 33.3 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.127 ng/ul
RT: 23.844 min Scan# 4965
Delta R.T. -0.011 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17

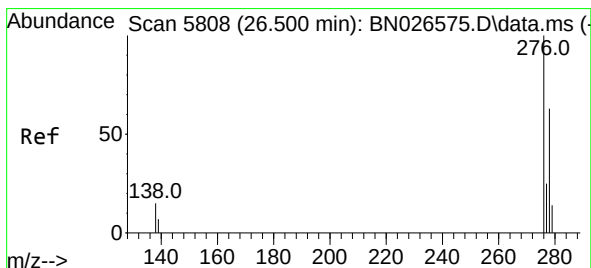
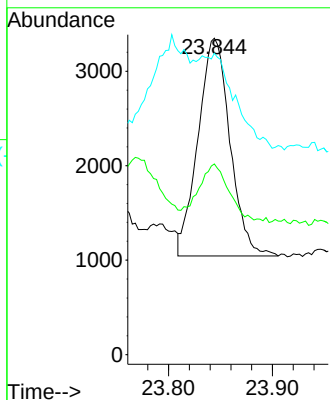
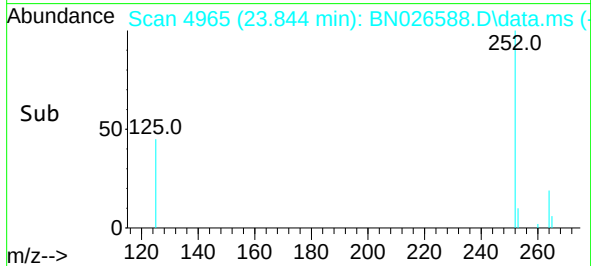
Instrument :
BNA_N
ClientSampleId :
A46X3



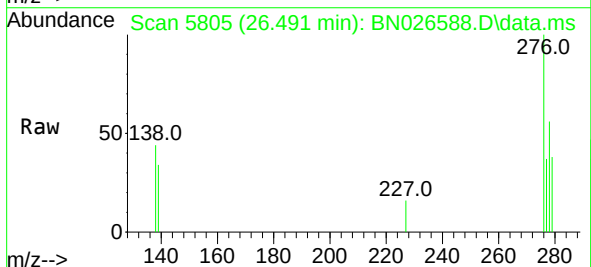
Tgt Ion:252 Resp: 4919
Ion Ratio Lower Upper
252 100
253 60.2 32.6 49.0#
125 95.3 19.3 28.9#

Manual Integrations
APPROVED

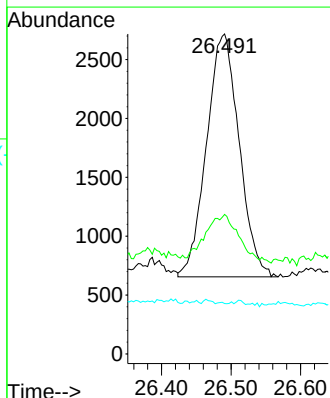
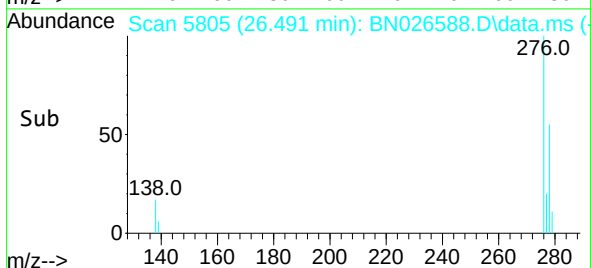
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

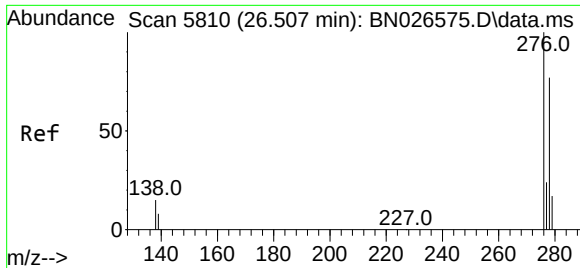


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 26.491 min Scan# 5805
Delta R.T. -0.009 min
Lab File: BN026588.D
Acq: 19 Jul 2023 06:17



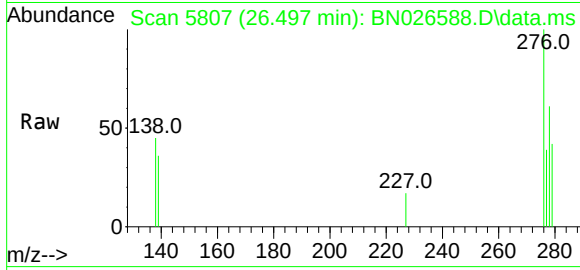
Tgt Ion:276 Resp: 6732
Ion Ratio Lower Upper
276 100
138 21.2 22.2 33.4#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.111 ng/ul
 RT: 26.497 min Scan# 5807
 Delta R.T. -0.009 min
 Lab File: BN026588.D
 Acq: 19 Jul 2023 06:17

Instrument :
 BNA_N
 ClientSampleId :
 A46X3



Tgt Ion:278 Resp: 4300
 Ion Ratio Lower Upper
 278 100
 139 58.4 18.9 28.3
 279 69.0 31.3 46.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

