

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025809.D
 Acq On : 13 Jun 2023 16:44
 Operator : MA/JU
 Sample : 02950-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW985

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 13 23:17:34 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

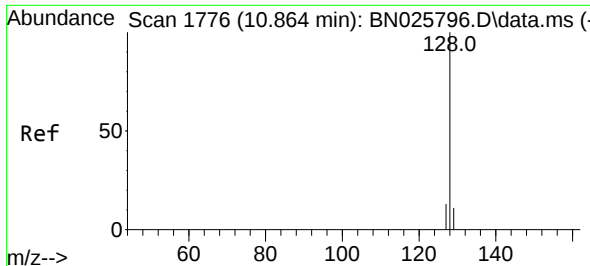
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8928	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	26985	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.640	164	15780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	28628	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.562	240	15340	0.400	ng/ul	# 0.00
23) Perylene-d12	24.044	264	16534	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	29767	3.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	7904	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	13694	0.283	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.869	128	7899	0.115	ng/ul#	93
7) 2-Methylnaphthalene	12.475	142	5523	0.134	ng/ul	97
8) 1-Methylnaphthalene	12.695	142	4067	0.090	ng/ul	96
10) Acenaphthylene	14.358	152	38713	0.621	ng/ul	96
11) Acenaphthene	14.701	153	18171	0.349	ng/ul	99
12) Fluorene	15.686	166	9479	0.163	ng/ul#	90
15) Phenanthrene	17.424	178	32016m	0.383	ng/ul	
16) Anthracene	17.517	178	30969	0.439	ng/ul	96
19) Fluoranthene	19.434	202	132593	1.890	ng/ul	99
20) Pyrene	19.801	202	223089	3.071	ng/ul	98
21) Benzo(a)anthracene	21.544	228	117283	2.398	ng/ul	92
22) Chrysene	21.603	228	145085	2.594	ng/ul	96
24) Benzo(b)fluoranthene	23.283	252	120584m	1.783	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	35340m	0.521	ng/ul	
26) Benzo(a)pyrene	23.938	252	126965	2.215	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.642	276	67311	1.030	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.649	278	20810	0.421	ng/ul#	93
29) Benzo(g,h,i)perylene	27.447	276	74621	1.273	ng/ul	99

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

Manual Integrations

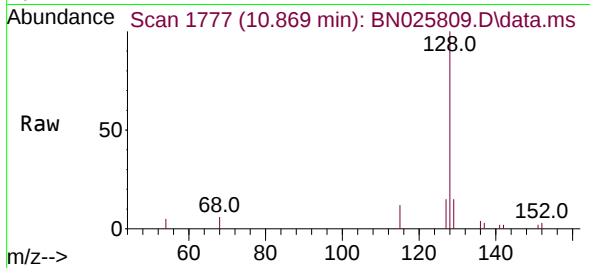
Quant Time: Jun 13 23:17:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.869 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

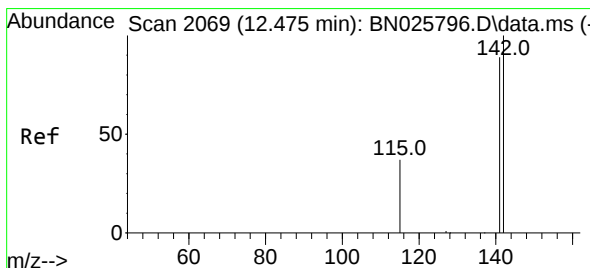
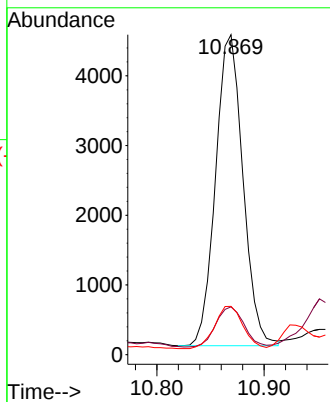
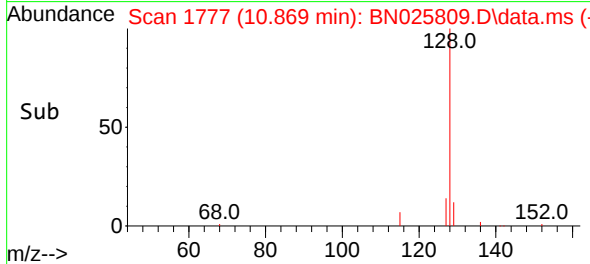
Instrument :
BNA_N
ClientSampleId :
EW985



Tgt Ion:128 Resp: 7895
Ion Ratio Lower Upper
128 100
129 14.9 9.1 13.7
127 15.1 10.5 15.7

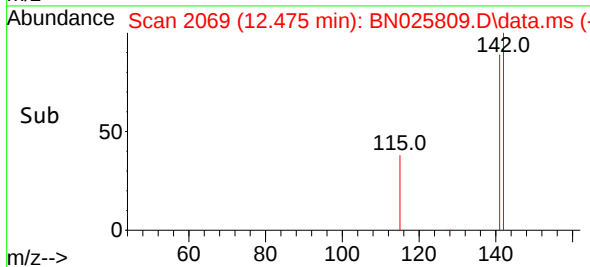
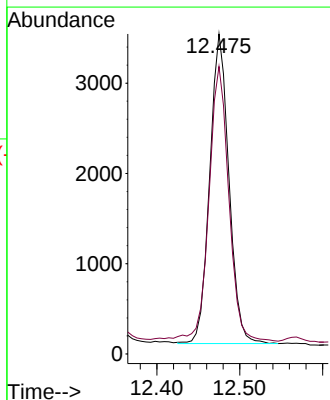
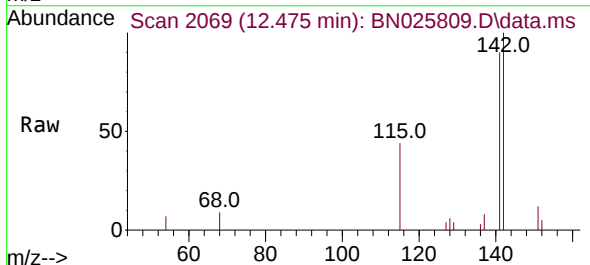
Manual Integrations
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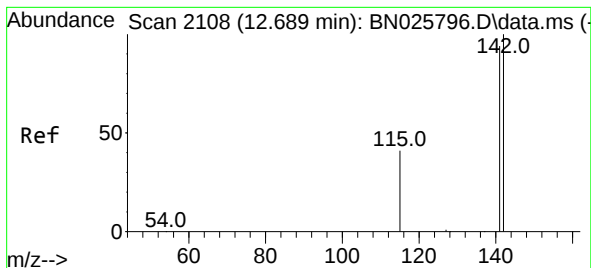
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.134 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

Tgt Ion:142 Resp: 5523
Ion Ratio Lower Upper
142 100
141 92.3 71.4 107.2





#8

1-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 12.695 min Scan# 2109

Delta R.T. -0.005 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

Instrument :

BNA_N

ClientSampleId :

EW985

Tgt Ion:142 Resp: 406

Ion Ratio Lower Upper

142 100

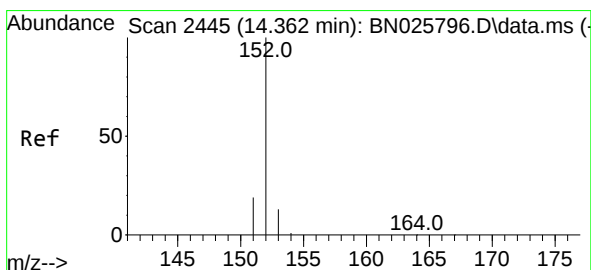
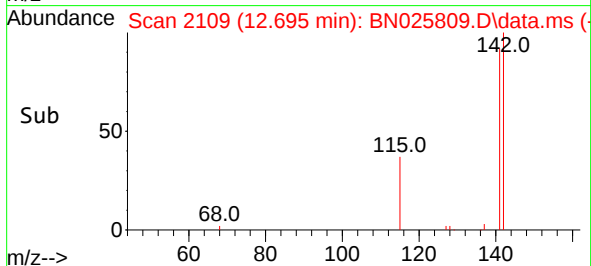
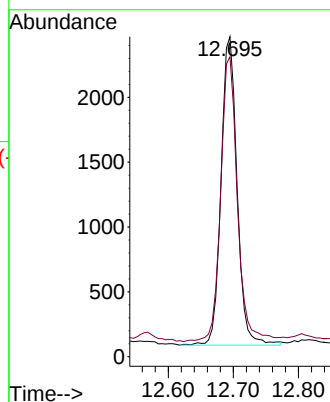
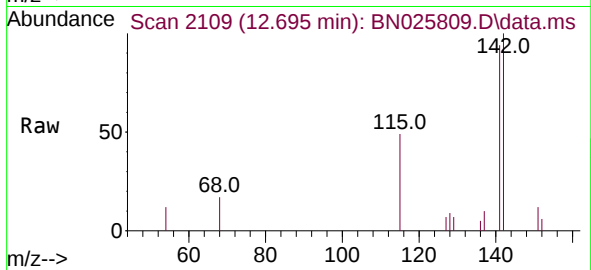
141 96.5 74.0 111.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#10

Acenaphthylene

Concen: 0.621 ng/ul

RT: 14.358 min Scan# 2444

Delta R.T. -0.008 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

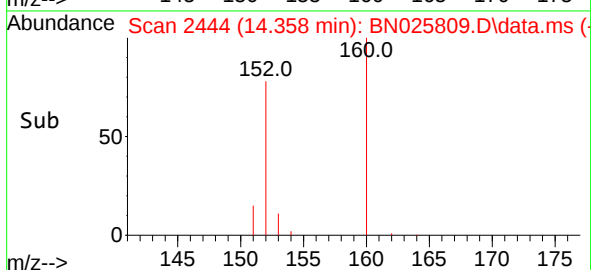
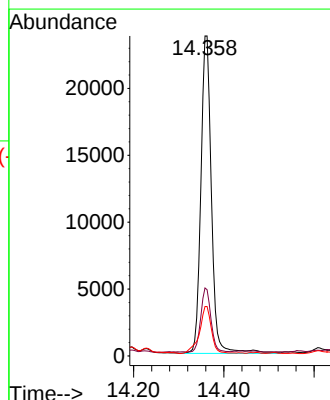
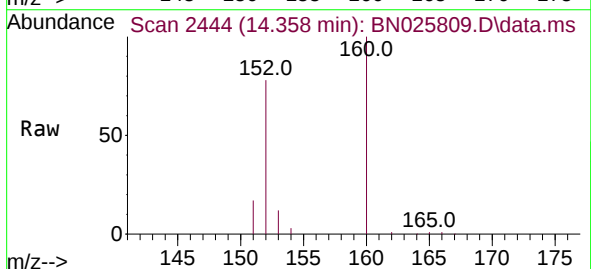
Tgt Ion:152 Resp: 38713

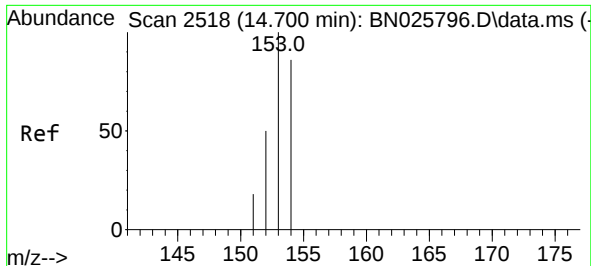
Ion Ratio Lower Upper

152 100

151 21.2 16.0 24.0

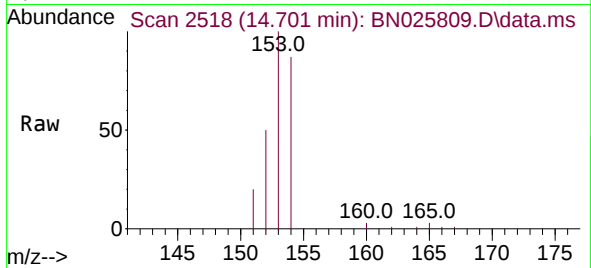
153 15.5 10.7 16.1





#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.701 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

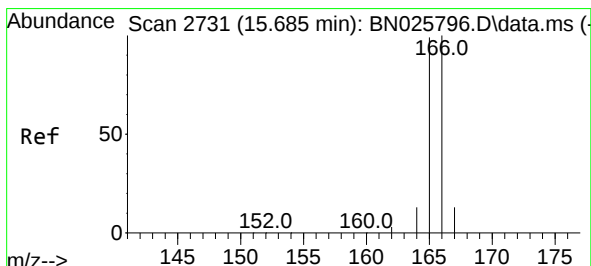
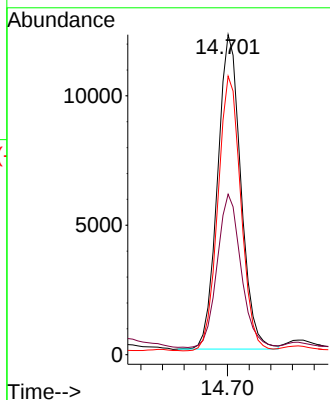
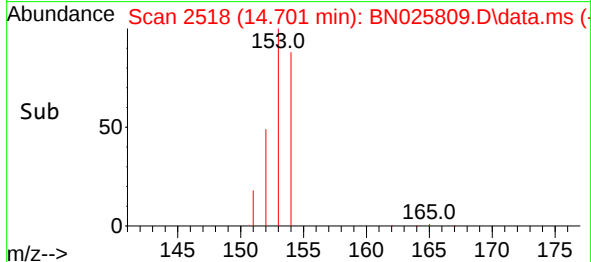
Instrument :
BNA_N
ClientSampleId :
EW985



Tgt Ion:153 Resp: 1817
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 87.1 68.8 103.2

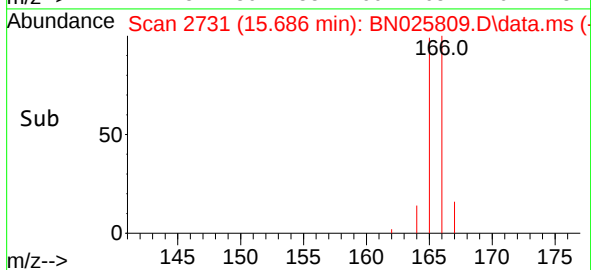
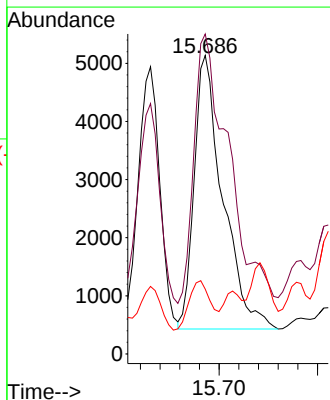
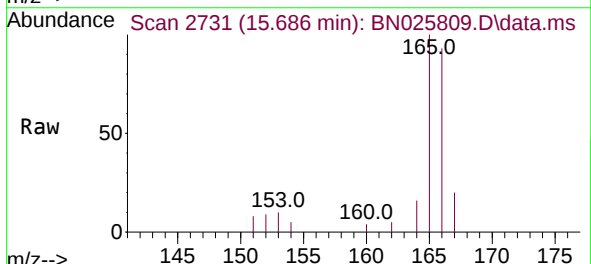
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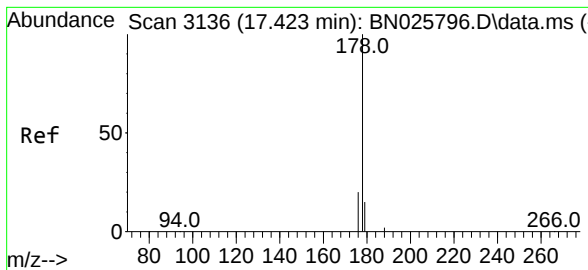
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.163 ng/ul
RT: 15.686 min Scan# 2731
Delta R.T. -0.004 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

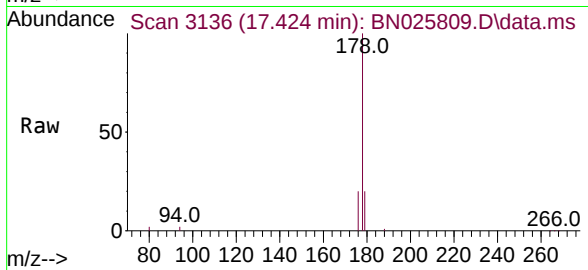
Tgt Ion:166 Resp: 9479
Ion Ratio Lower Upper
166 100
165 107.2 79.2 118.8
167 21.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.383 ng/ul m
RT: 17.424 min Scan# 3136
Delta R.T. -0.007 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

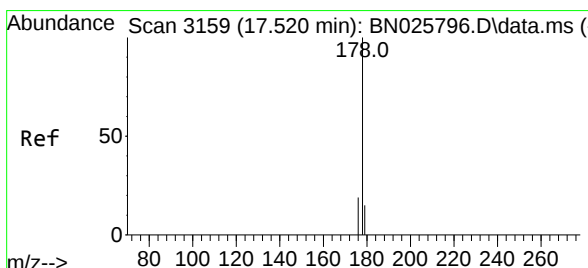
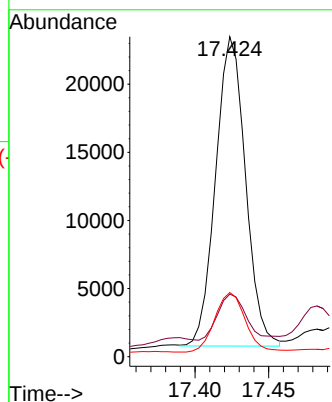
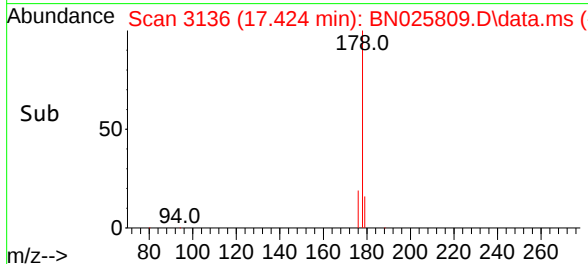
Instrument :
BNA_N
ClientSampleId :
EW985



Tgt Ion:178 Resp: 32010
Ion Ratio Lower Upper
178 100
179 19.5 12.6 18.8
176 20.1 15.8 23.8

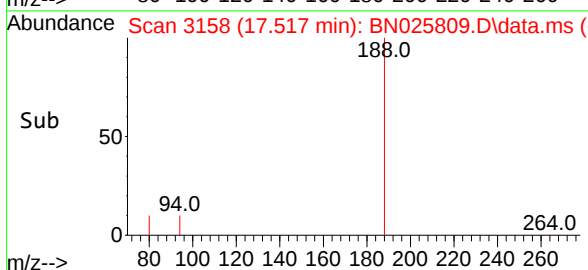
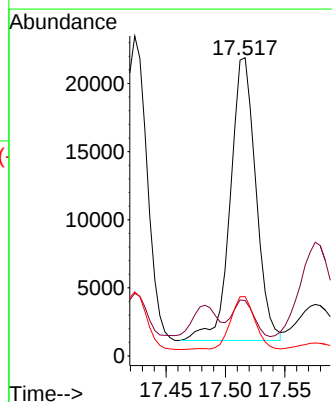
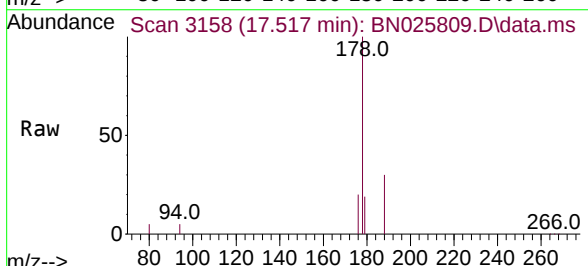
Manual Integrations
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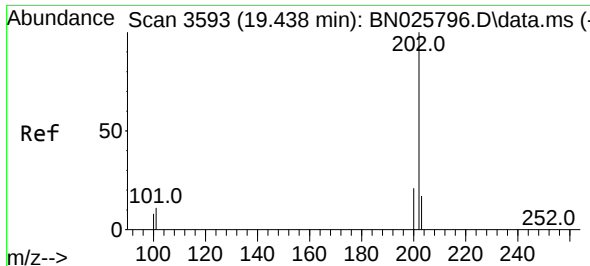
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 0.439 ng/ul
RT: 17.517 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

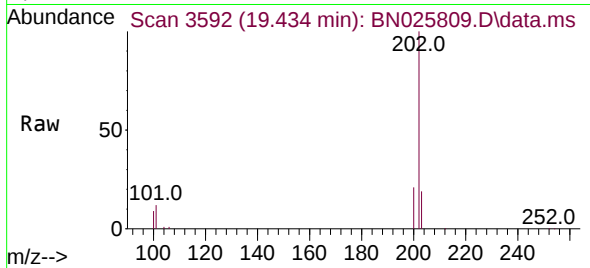
Tgt Ion:178 Resp: 30969
Ion Ratio Lower Upper
178 100
179 18.6 12.6 19.0
176 19.9 15.4 23.2





#19
Fluoranthene
Concen: 1.890 ng/ul
RT: 19.434 min Scan# 3593
Delta R.T. -0.008 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

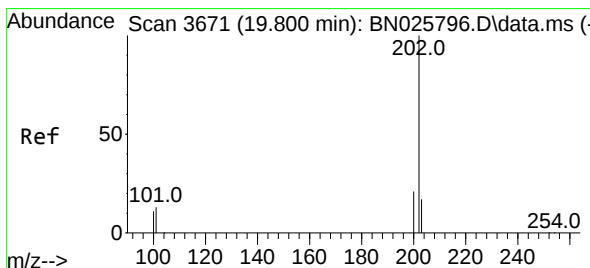
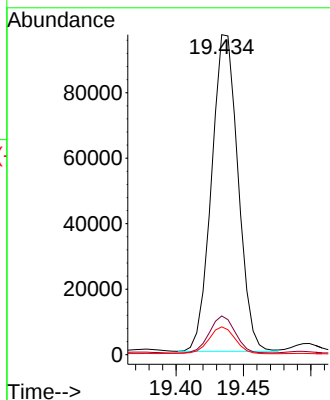
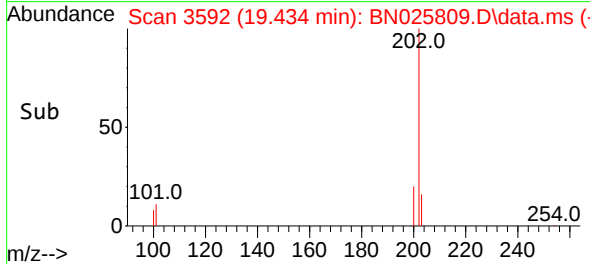
Instrument :
BNA_N
ClientSampleId :
EW985



Tgt Ion:202 Resp: 132591
Ion Ratio Lower Upper
202 100
101 12.1 9.1 13.7
100 8.7 7.0 10.6

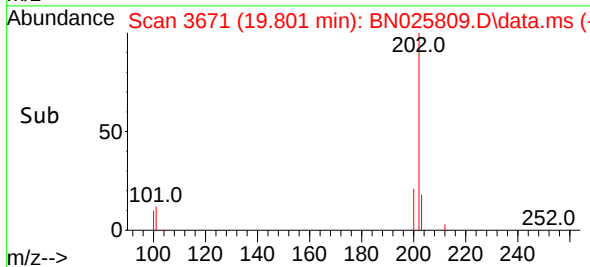
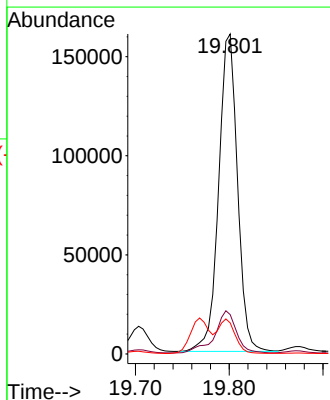
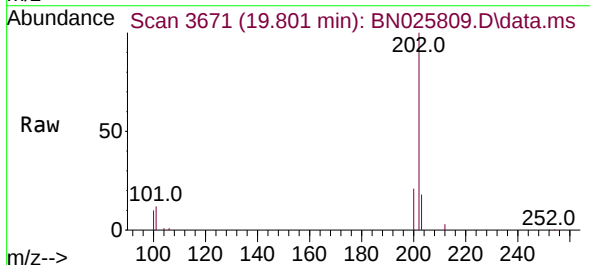
Manual Integrations
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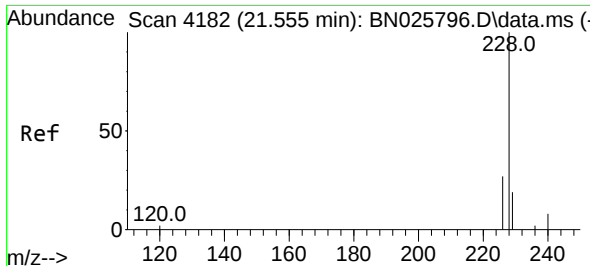
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#20
Pyrene
Concen: 3.071 ng/ul
RT: 19.801 min Scan# 3671
Delta R.T. -0.004 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

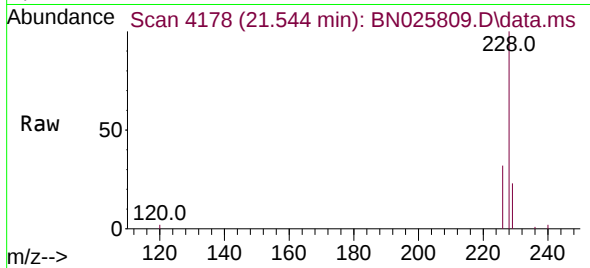
Tgt Ion:202 Resp: 223089
Ion Ratio Lower Upper
202 100
101 12.3 10.4 15.6
100 9.7 8.8 13.2





#21
Benzo(a)anthracene
Concen: 2.398 ng/ul
RT: 21.544 min Scan# 4182
Delta R.T. -0.008 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

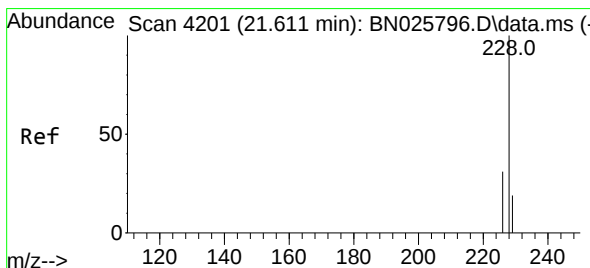
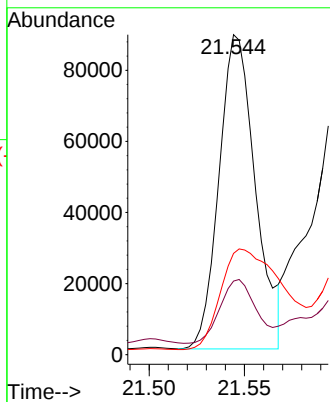
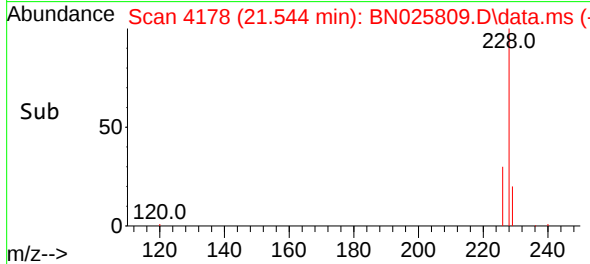
Instrument :
BNA_N
ClientSampleId :
EW985



Tgt Ion:228 Resp: 11728
Ion Ratio Lower Upper
228 100
229 23.0 15.5 23.3
226 31.6 22.0 33.0

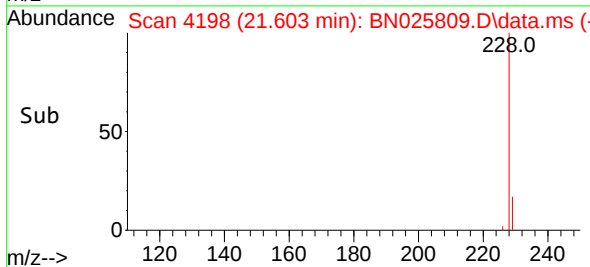
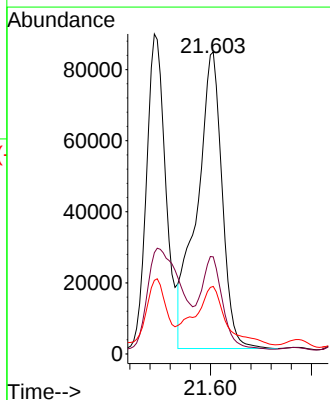
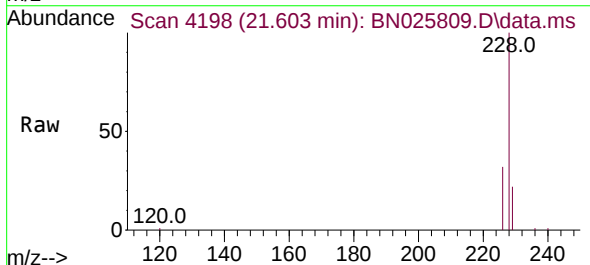
Manual Integrations
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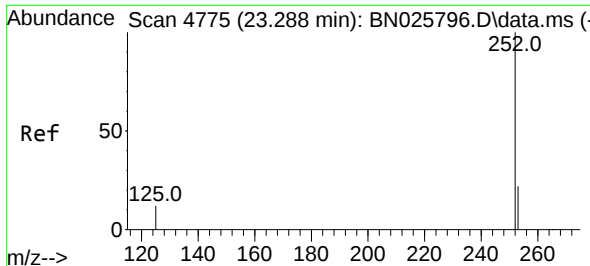
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 2.594 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.005 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

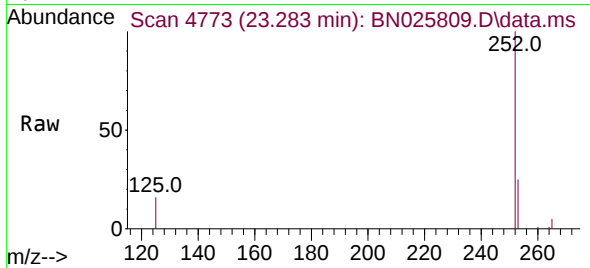
Tgt Ion:228 Resp: 145085
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.783 ng/ul m
RT: 23.283 min Scan# 4775
Delta R.T. -0.008 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

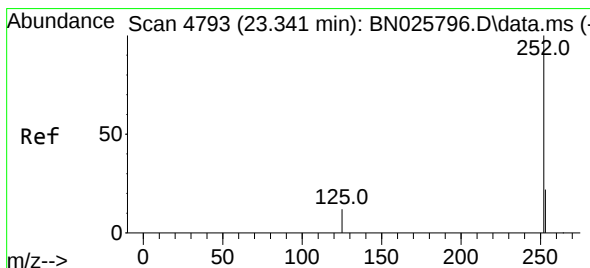
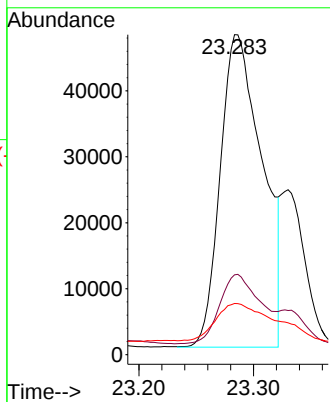
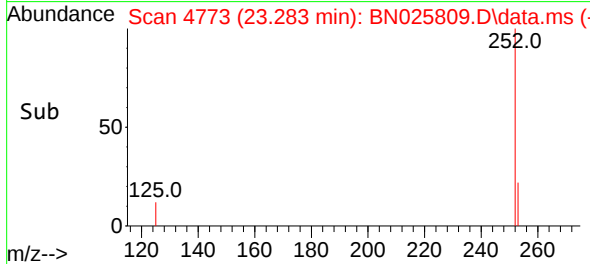
Instrument :
BNA_N
ClientSampleId :
EW985



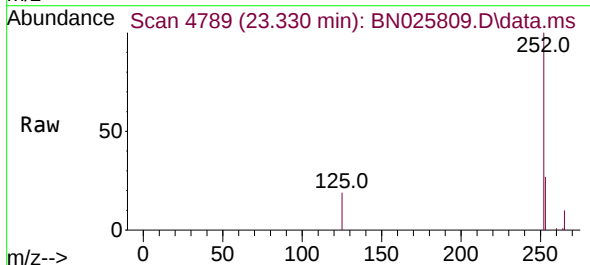
Tgt Ion:252 Resp: 120584
Ion Ratio Lower Upper
252 100
253 24.9 0.0 56.0
125 16.0 0.0 28.0

Manual Integrations
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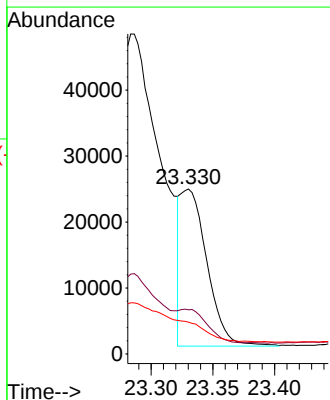
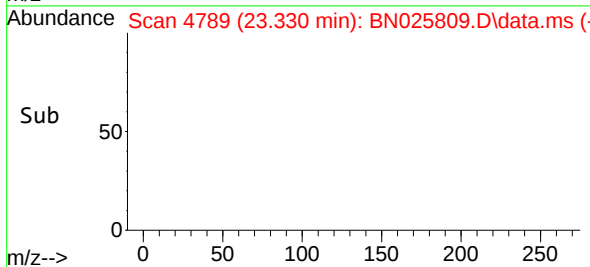
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

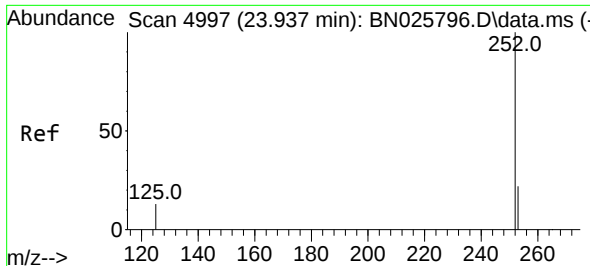


#25
Benzo(k)fluoranthene
Concen: 0.521 ng/ul m
RT: 23.330 min Scan# 4789
Delta R.T. -0.011 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44



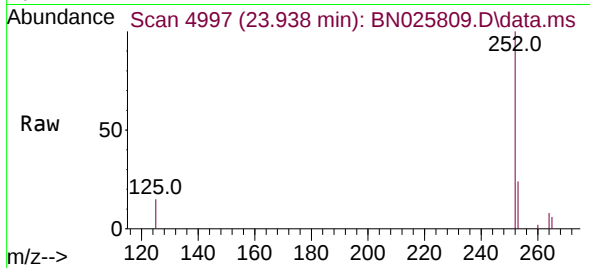
Tgt Ion:252 Resp: 35340
Ion Ratio Lower Upper
252 100
253 26.8 23.3 34.9
125 19.3 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 2.215 ng/ul
RT: 23.938 min Scan# 4997
Delta R.T. -0.005 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

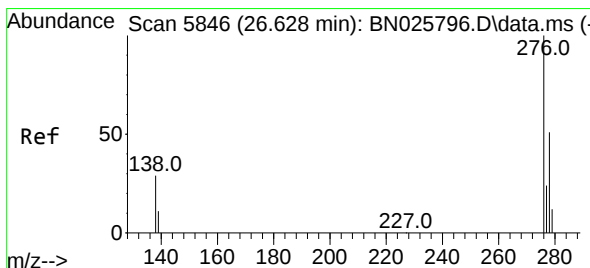
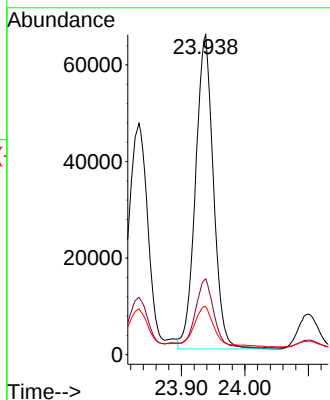
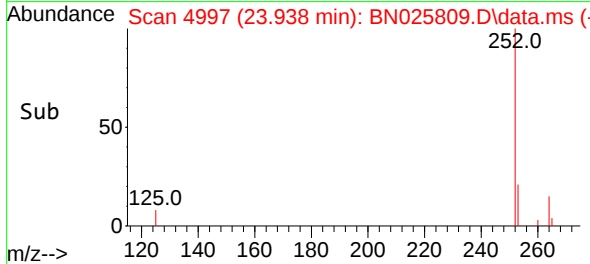
Instrument :
BNA_N
ClientSampleId :
EW985



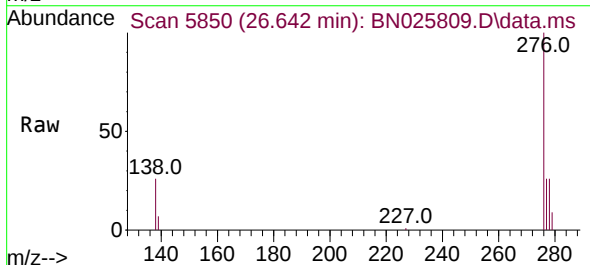
Tgt Ion:252 Resp: 12696
Ion Ratio Lower Upper
252 100
253 23.7 25.8 38.8
125 15.0 13.5 20.3

Manual Integrations
APPROVED

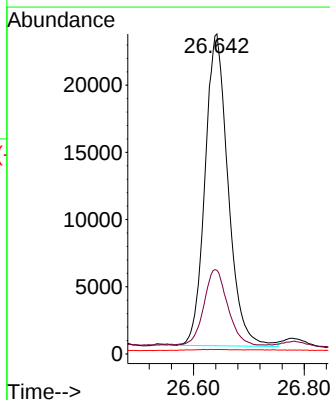
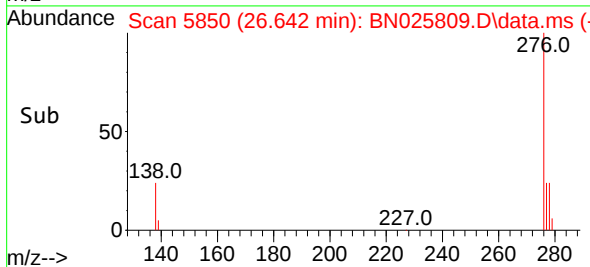
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

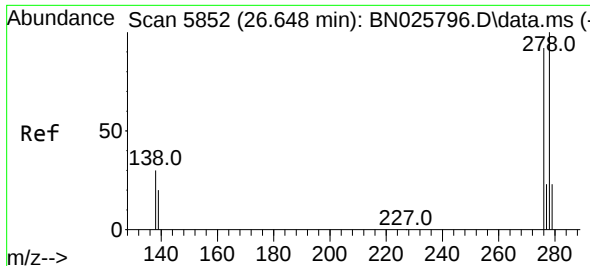


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.030 ng/ul
RT: 26.642 min Scan# 5850
Delta R.T. -0.016 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44



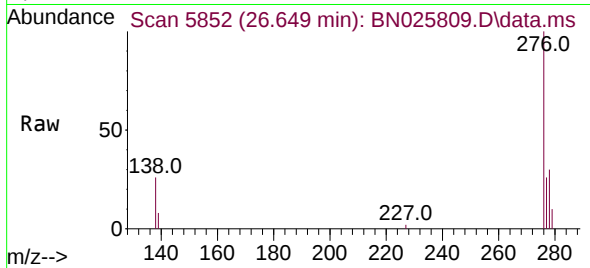
Tgt Ion:276 Resp: 67311
Ion Ratio Lower Upper
276 100
138 25.0 24.6 36.8
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 26.649 min Scan# 5852
Delta R.T. -0.036 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

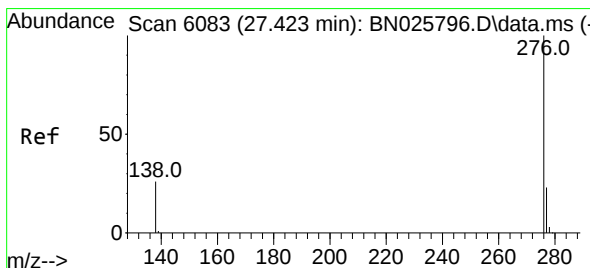
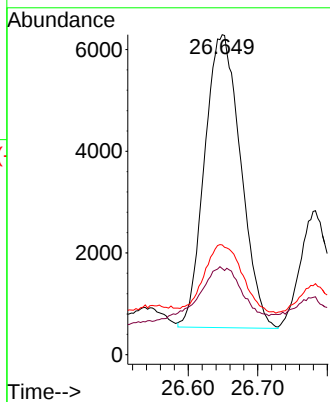
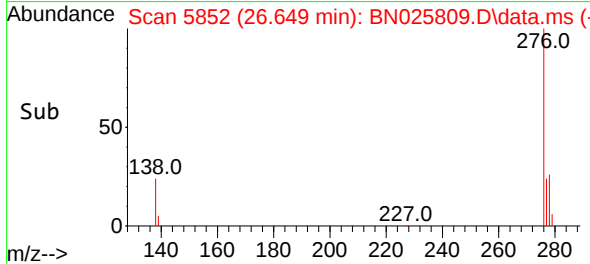
Instrument :
BNA_N
ClientSampleId :
EW985



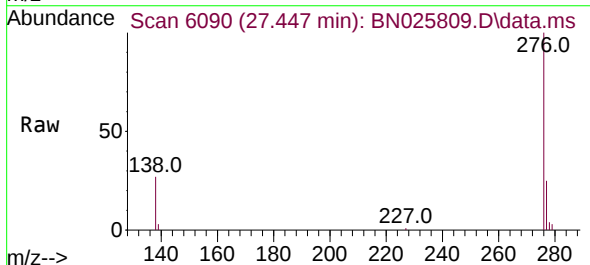
Tgt Ion:278 Resp: 20810
Ion Ratio Lower Upper
278 100
139 26.9 17.9 26.9
279 34.3 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#29
Benzo(g,h,i)perylene
Concen: 1.273 ng/ul
RT: 27.447 min Scan# 6090
Delta R.T. -0.002 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44



Tgt Ion:276 Resp: 74621
Ion Ratio Lower Upper
276 100
138 26.6 21.8 32.8
277 24.9 19.4 29.2

