

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027104.D
 Acq On : 24 Aug 2023 19:15
 Operator : MA/JU
 Sample : 03968-33
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 03:51:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	6669	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	22592	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.717	164	13607	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	30294	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	25800	0.400	ng/ul	# 0.00
23) Perylene-d12	24.170	264	27223	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	36511	4.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	8129	0.245	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	23004	0.282	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.960	128	5567	0.087	ng/ul#	95
7) 2-Methylnaphthalene	12.561	142	2459	0.064	ng/ul	99
8) 1-Methylnaphthalene	12.775	142	1832	0.045	ng/ul	100
10) Acenaphthylene	14.444	152	19401	0.254	ng/ul	99
11) Acenaphthene	14.777	153	3535	0.067	ng/ul	99
12) Fluorene	15.762	166	5140	0.086	ng/ul	98
15) Phenanthrene	17.502	178	107436	1.079	ng/ul	100
16) Anthracene	17.595	178	22019	0.245	ng/ul	98
19) Fluoranthene	19.510	202	316588	2.954	ng/ul	99
20) Pyrene	19.873	202	282934m	2.474	ng/ul	
21) Benzo(a)anthracene	21.618	228	165108	1.609	ng/ul	98
22) Chrysene	21.673	228	166678	1.646	ng/ul	98
24) Benzo(b)fluoranthene	23.383	252	241031m	2.341	ng/ul	
25) Benzo(k)fluoranthene	23.430	252	87504m	0.862	ng/ul	
26) Benzo(a)pyrene	24.059	252	169696	1.826	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.844	276	101793	0.837	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.867	278	24182	0.250	ng/ul#	83
29) Benzo(g,h,i)perylene	27.686	276	93810	0.927	ng/ul	100

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

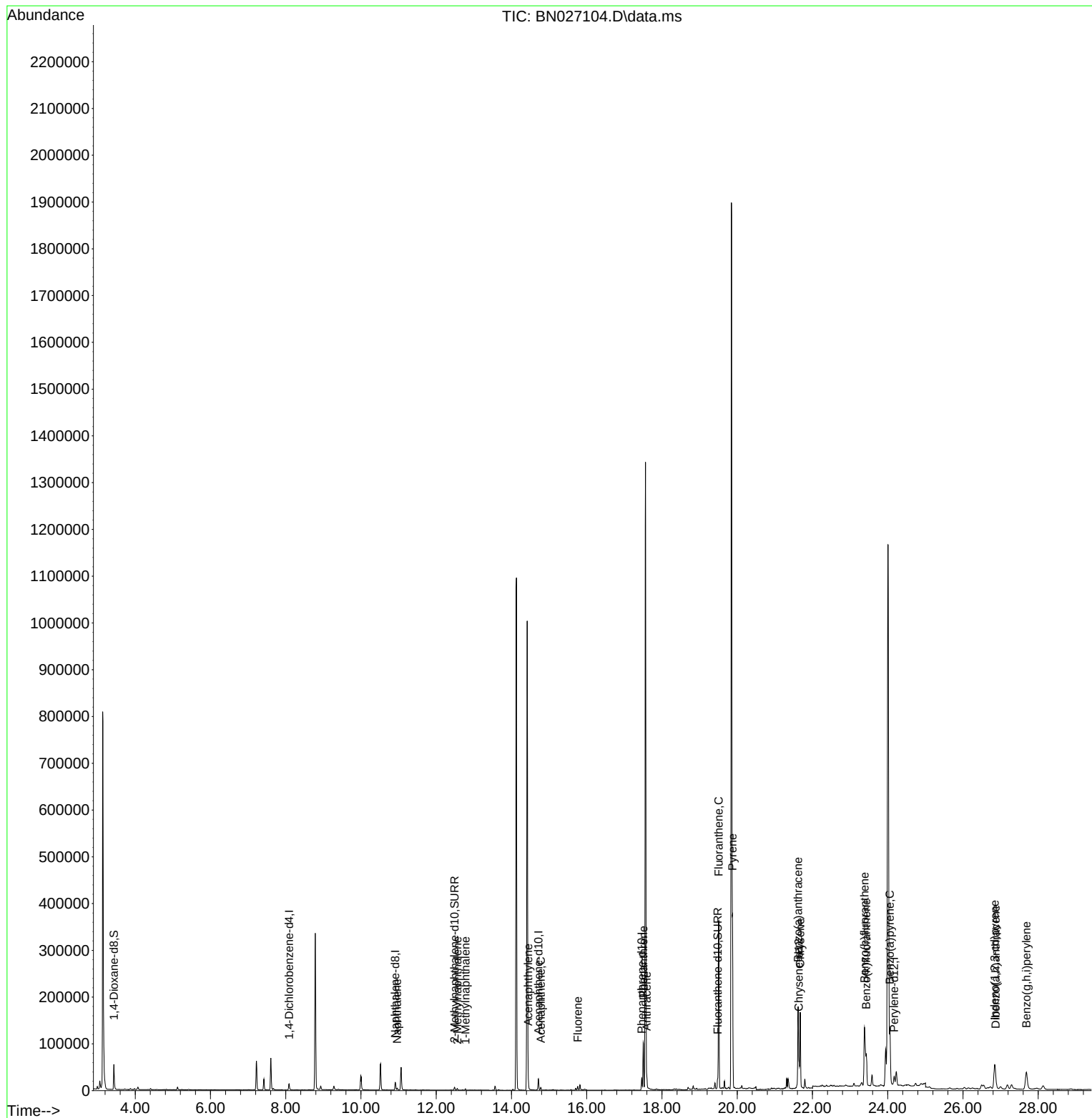
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
Data File : BN027104.D
Acq On : 24 Aug 2023 19:15
Operator : MA/JU
Sample : 03968-33
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ALS Vial : 7 Sample Multiplier: 1

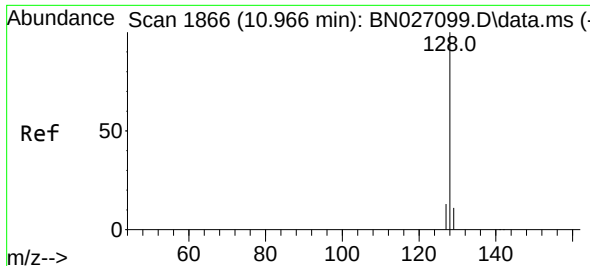
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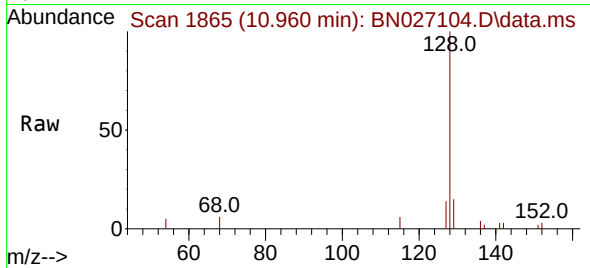
Quant Time: Aug 25 03:51:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.960 min Scan# 1866
Delta R.T. -0.011 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

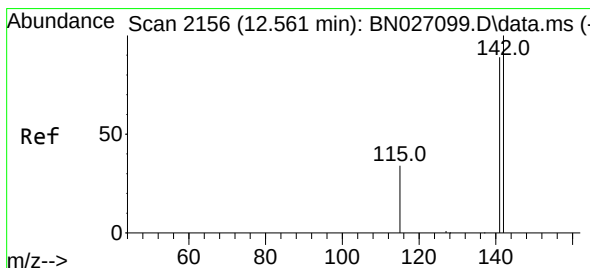
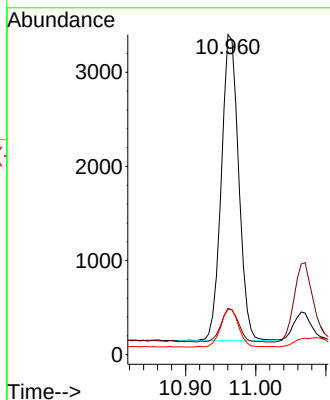
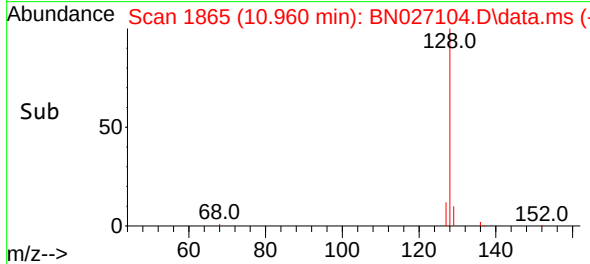
Instrument :
BNA_N
ClientSampleId :
A48Q1



Tgt Ion:128 Resp: 556
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 14.1 10.5 15.7

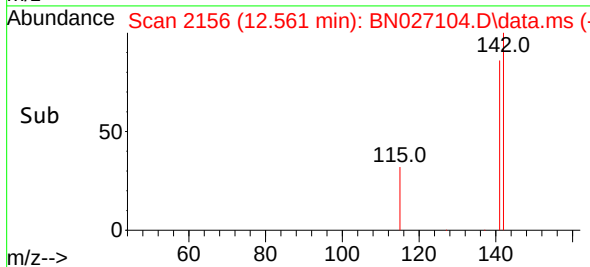
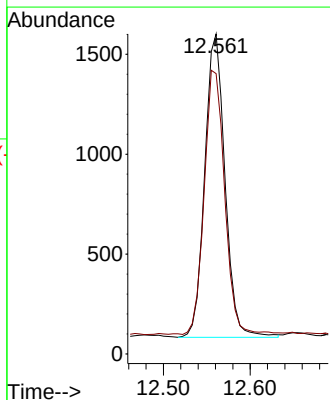
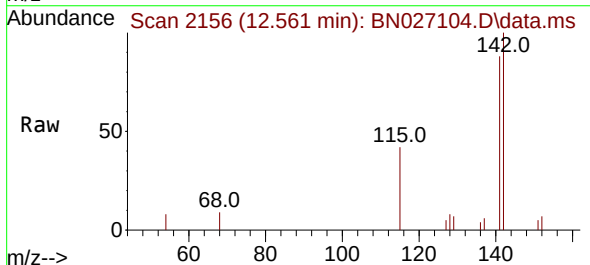
Manual Integrations
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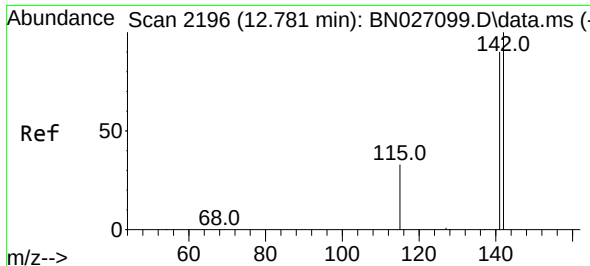
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.561 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

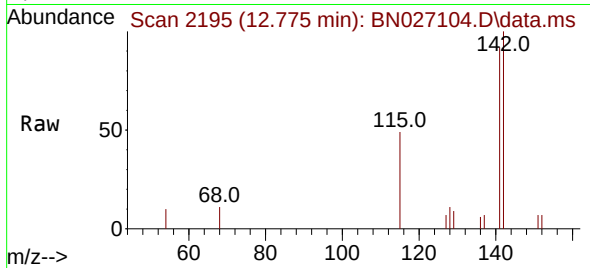
Tgt Ion:142 Resp: 2459
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.775 min Scan# 2195
Delta R.T. -0.011 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

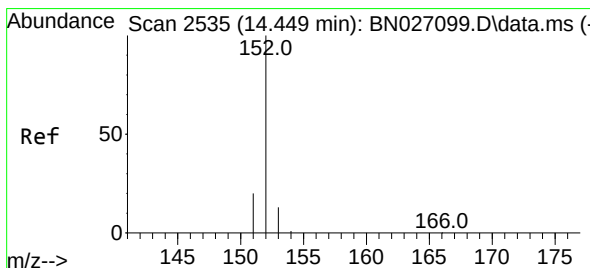
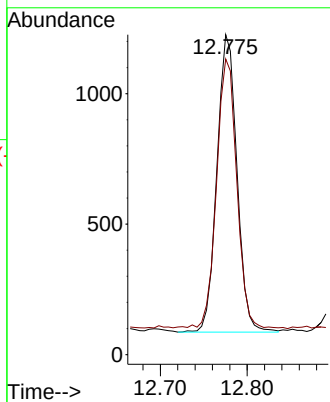
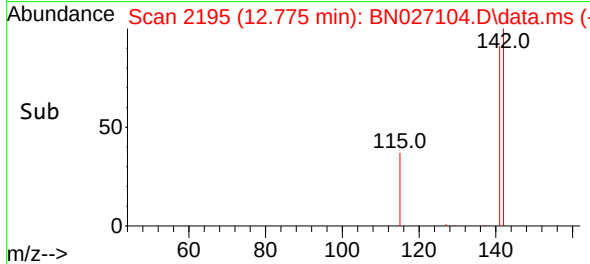
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

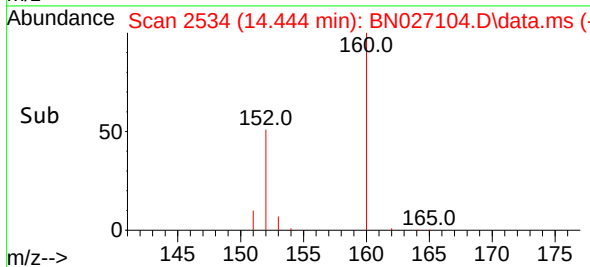
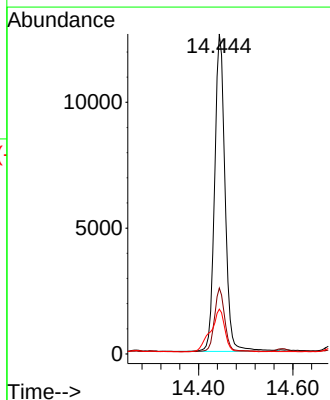
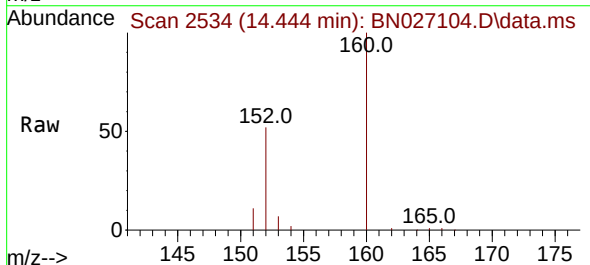
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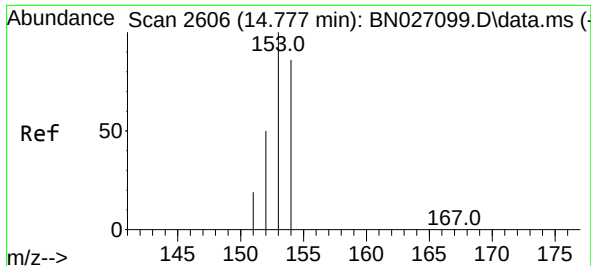
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#10
Acenaphthylene
Concen: 0.254 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

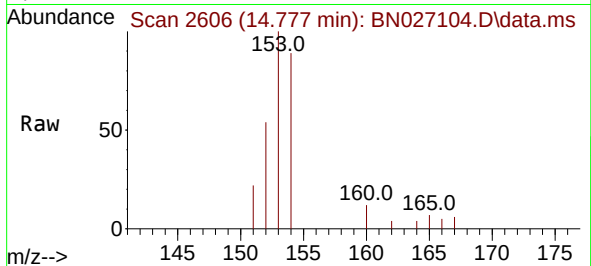
Tgt Ion:152 Resp: 19401
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 14.0 11.0 16.6





#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.777 min Scan# 2606
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

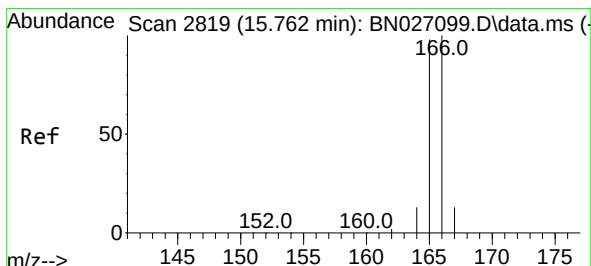
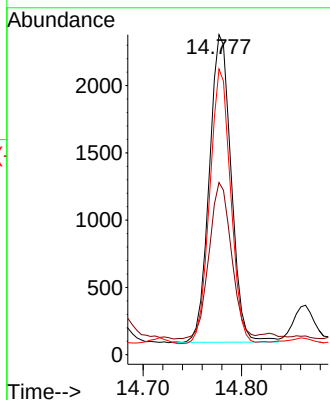
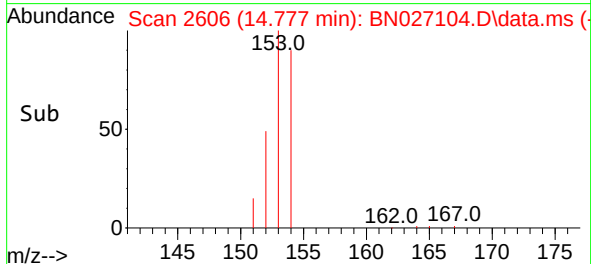
Instrument :
BNA_N
ClientSampleId :
A48Q1



Tgt Ion:153 Resp: 3538
Ion Ratio Lower Upper
153 100
152 53.8 41.1 61.7
154 89.3 71.6 107.4

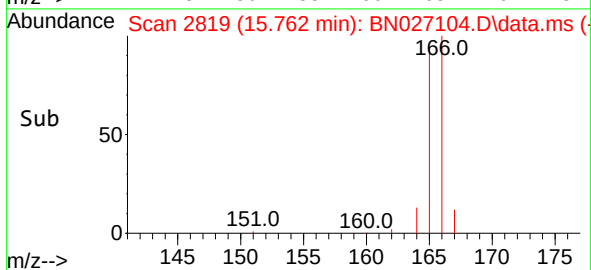
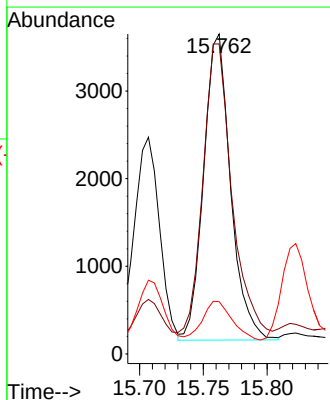
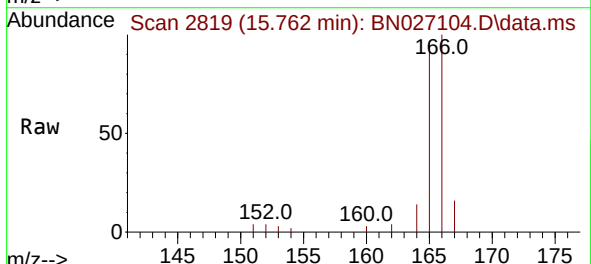
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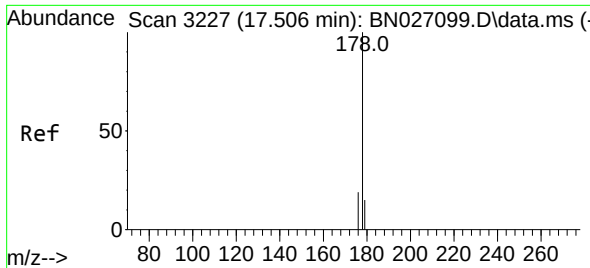
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#12
Fluorene
Concen: 0.086 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

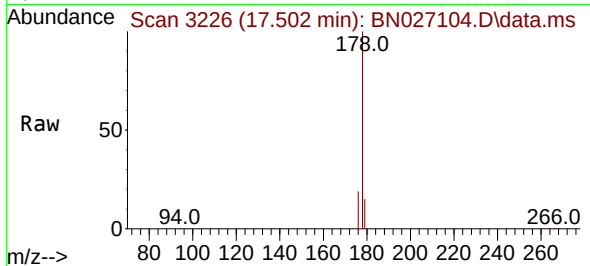
Tgt Ion:166 Resp: 5140
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 16.3 11.4 17.0





#15
Phenanthrene
Concen: 1.079 ng/u1
RT: 17.502 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

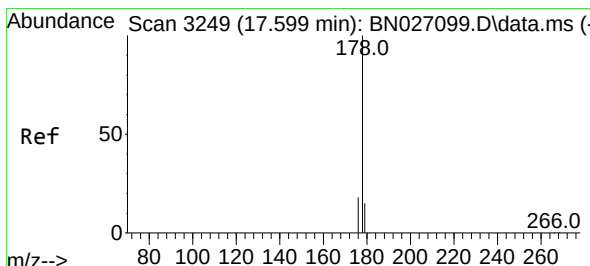
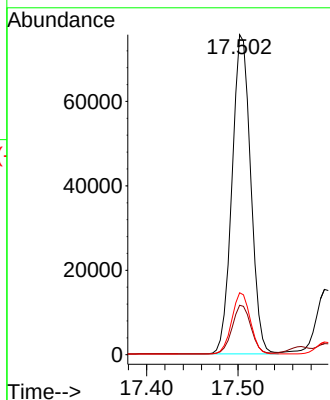
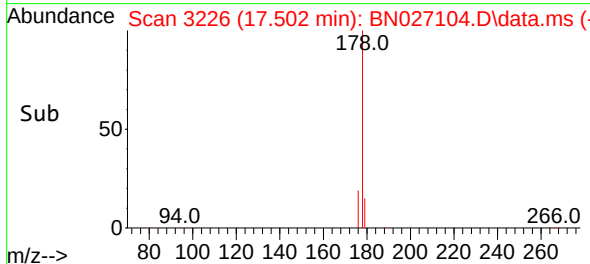
Instrument :
BNA_N
ClientSampleId :
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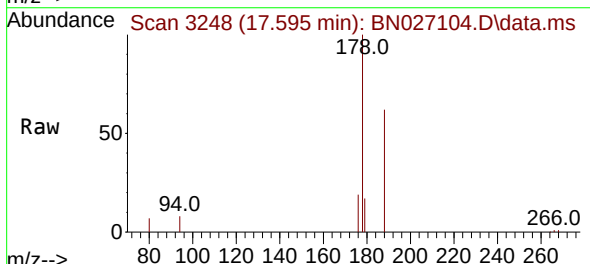
Tgt Ion:178 Resp: 107430
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.4 15.4 23.2

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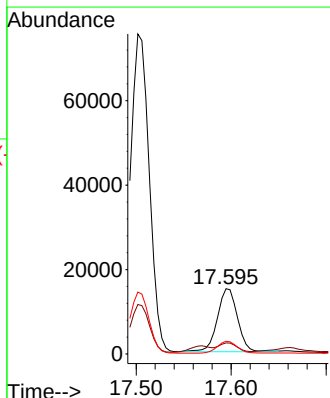
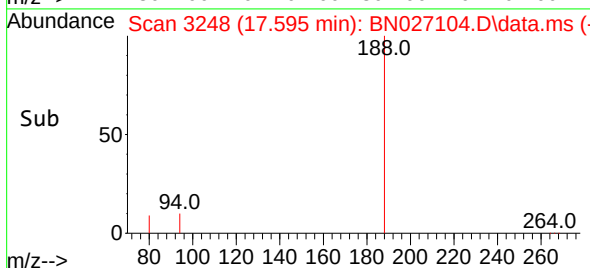
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

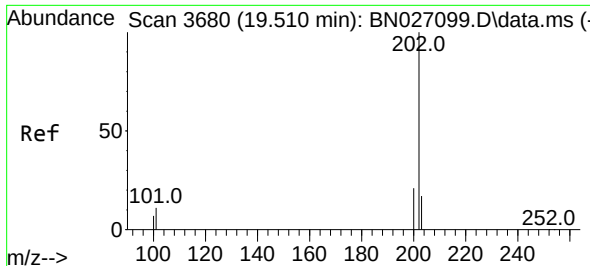


#16
Anthracene
Concen: 0.245 ng/u1
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15



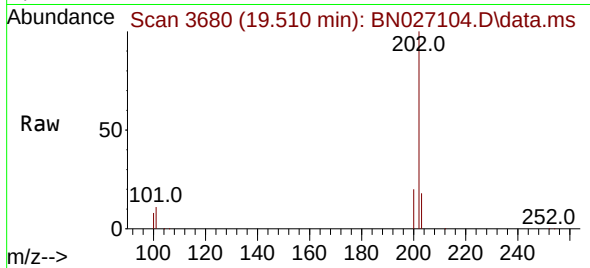
Tgt Ion:178 Resp: 22019
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 19.4 15.0 22.6





#19
Fluoranthene
Concen: 2.954 ng/ul
RT: 19.510 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

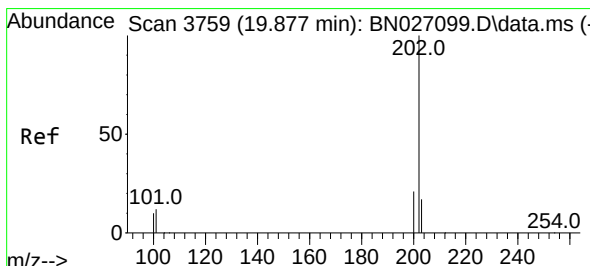
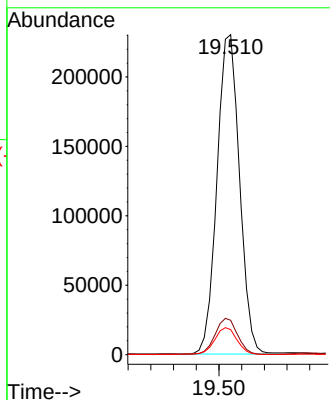
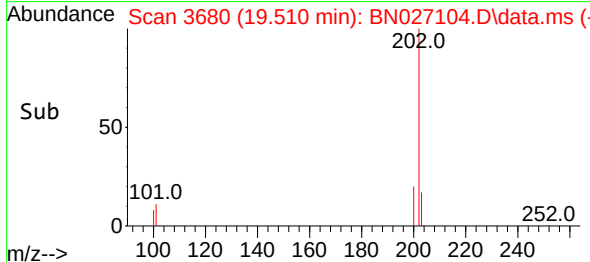
Instrument :
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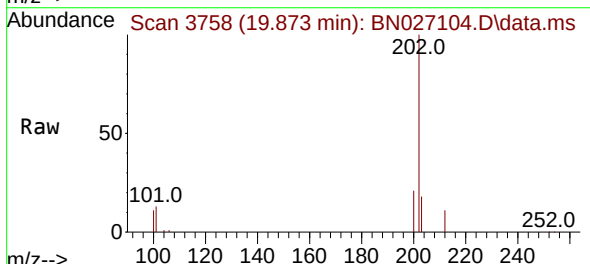
Tgt Ion:202 Resp: 31658
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.8 6.2 9.2

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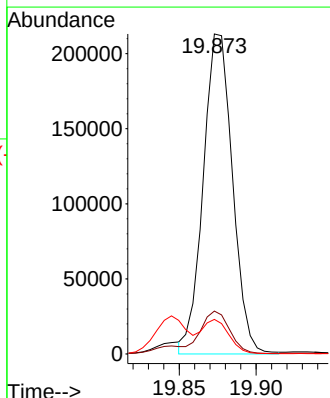
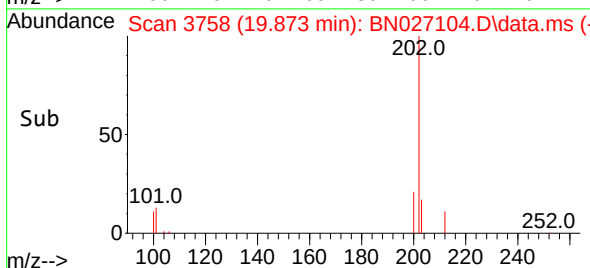
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

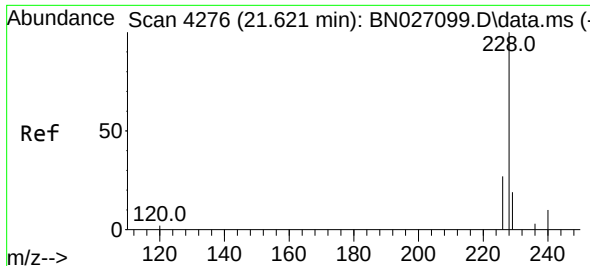


#20
Pyrene
Concen: 2.474 ng/ul m
RT: 19.873 min Scan# 3758
Delta R.T. -0.010 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15



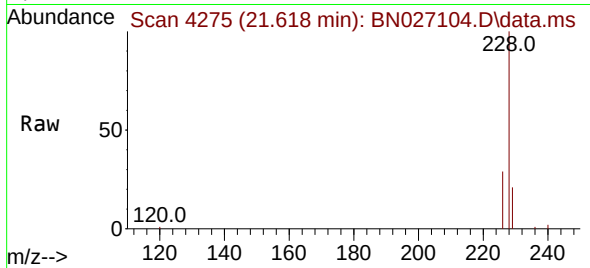
Tgt Ion:202 Resp: 282934
Ion Ratio Lower Upper
202 100
101 13.4 10.7 16.1
100 10.8 8.5 12.7





#21
Benzo(a)anthracene
Concen: 1.609 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

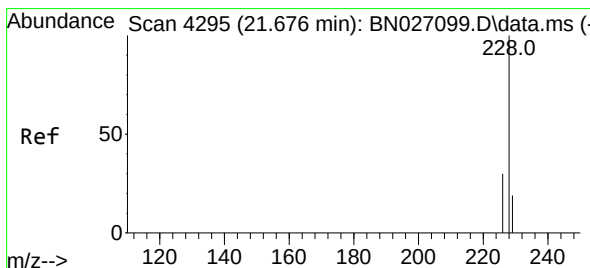
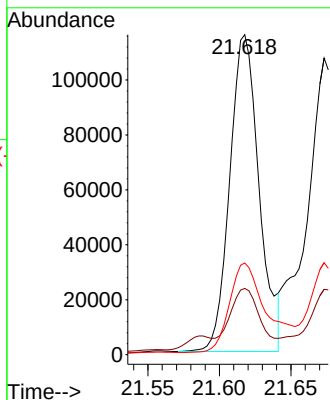
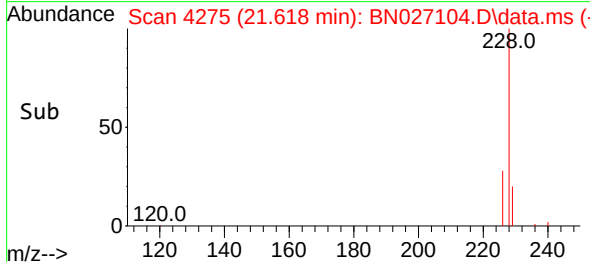
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Tgt Ion:228 Resp: 165108
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.7 22.2 33.2

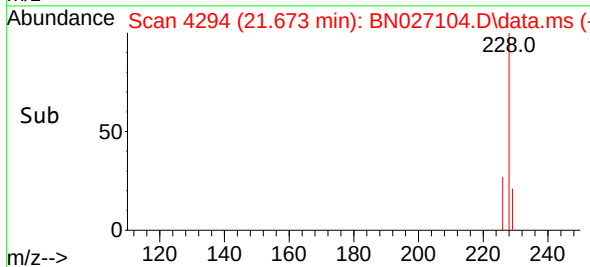
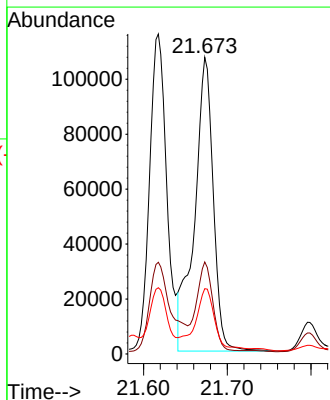
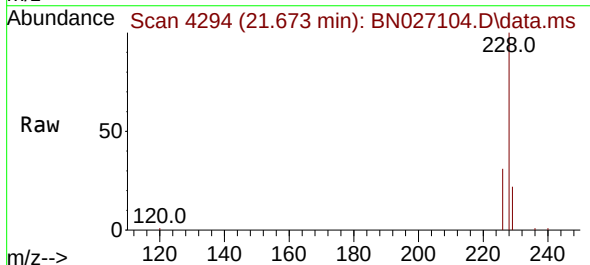
Manual Integrations
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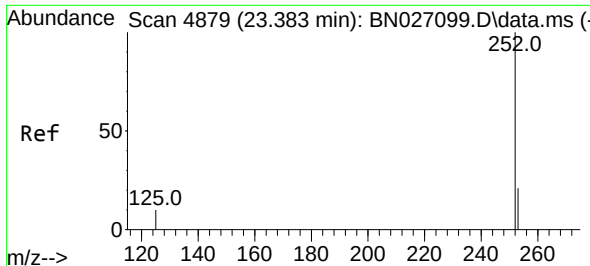
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#22
Chrysene
Concen: 1.646 ng/ul
RT: 21.673 min Scan# 4294
Delta R.T. -0.003 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

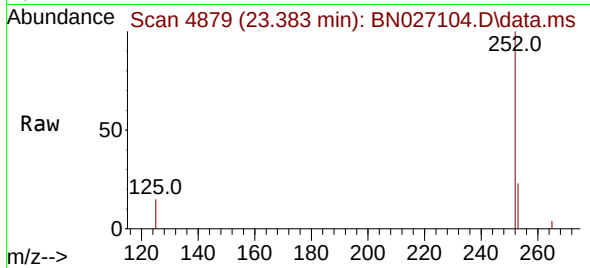
Tgt Ion:228 Resp: 166678
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.341 ng/ul m
RT: 23.383 min Scan# 4879
Delta R.T. -0.003 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

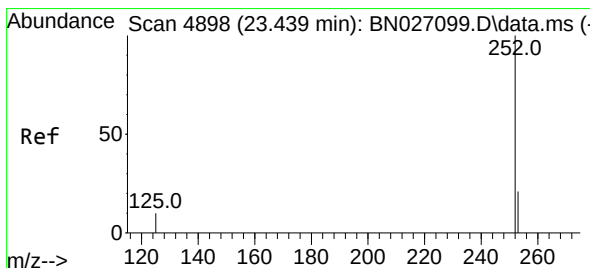
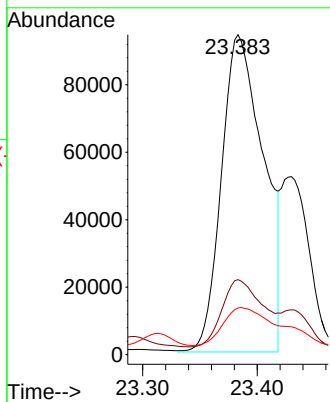
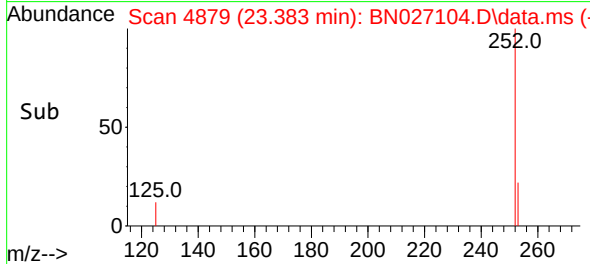
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 24103
Ion Ratio Lower Upper
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253 23.4 0.0 46.8
125 14.6 0.0 25.2

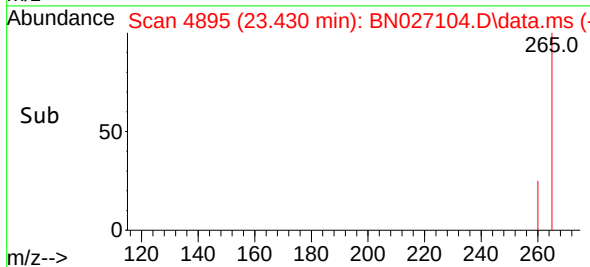
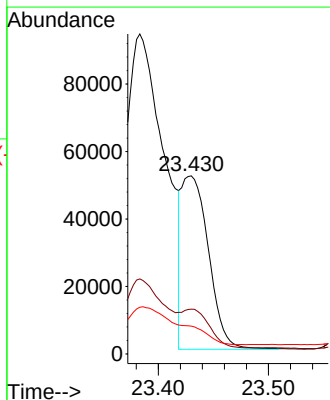
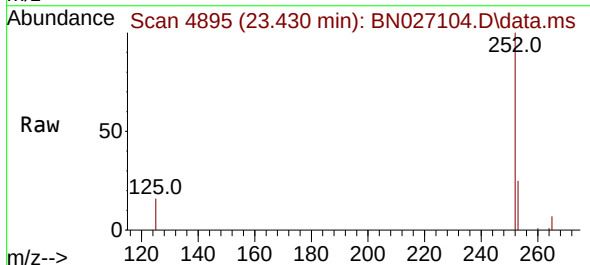
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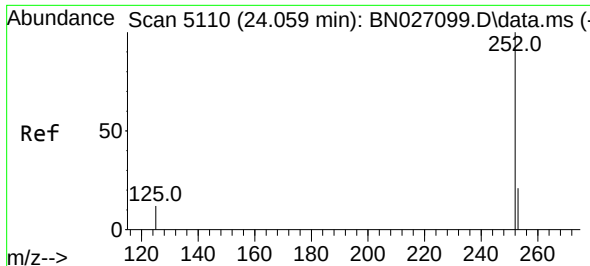
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.862 ng/ul m
RT: 23.430 min Scan# 4895
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

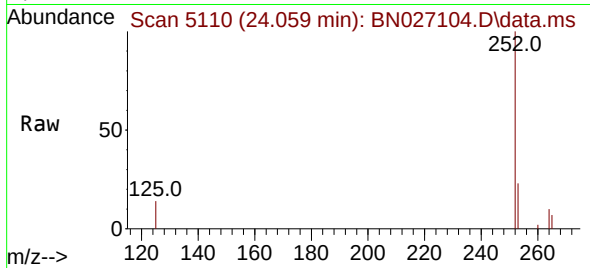
Tgt Ion:252 Resp: 87504
Ion Ratio Lower Upper
252 100
253 25.1 18.2 27.4
125 15.6 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 1.826 ng/ul
RT: 24.059 min Scan# 5110
Delta R.T. -0.003 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

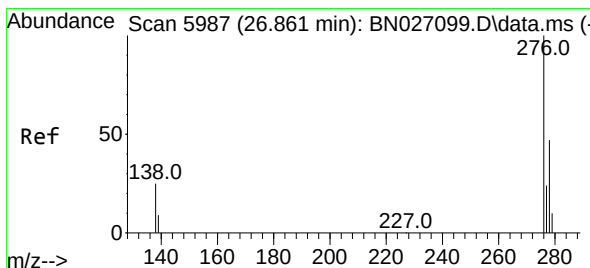
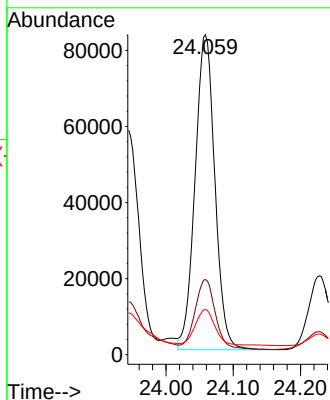
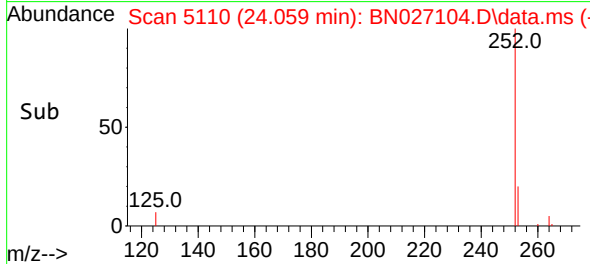
Instrument :
BNA_N
ClientSampleId :
A48Q1



Tgt Ion:252 Resp: 169690
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 14.1 11.4 17.0

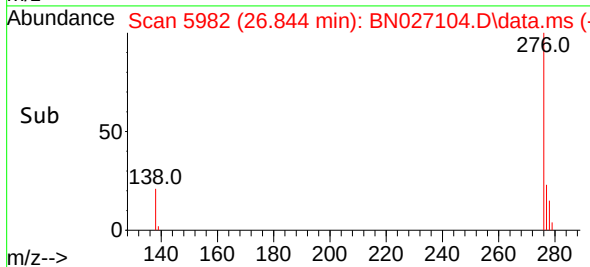
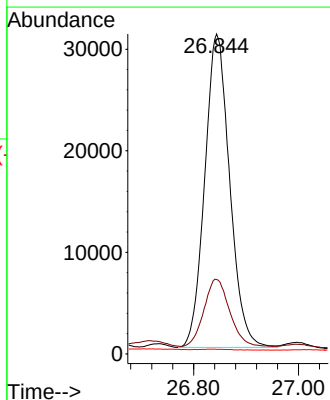
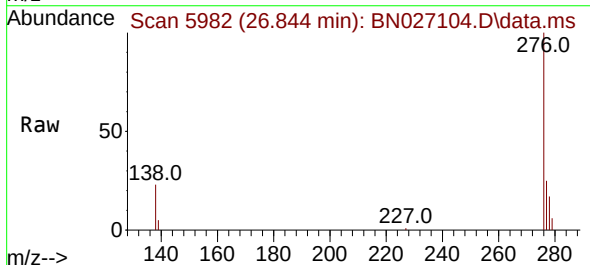
Manual Integrations
APPROVED

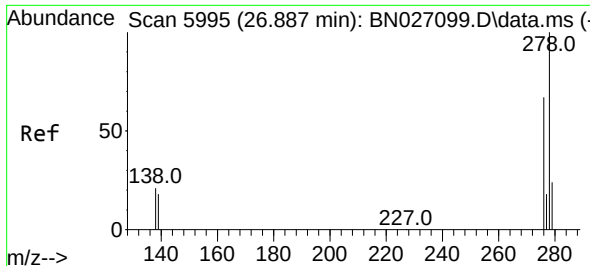
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.837 ng/ul
RT: 26.844 min Scan# 5982
Delta R.T. -0.010 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

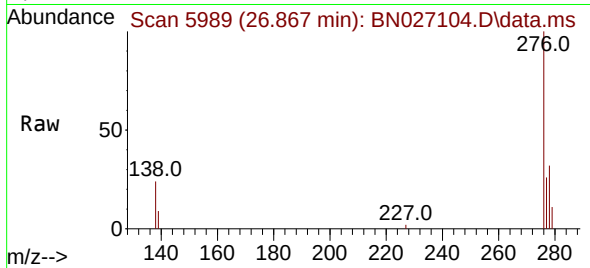
Tgt Ion:276 Resp: 101793
Ion Ratio Lower Upper
276 100
138 22.1 21.6 32.4
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.250 ng/ul
RT: 26.867 min Scan# 5995
Delta R.T. -0.017 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

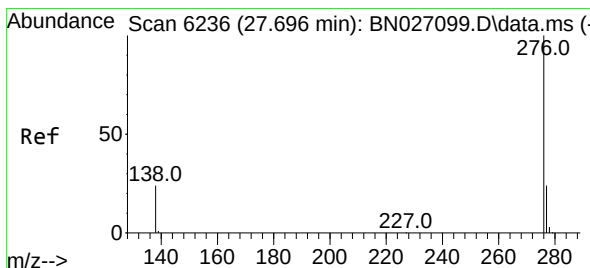
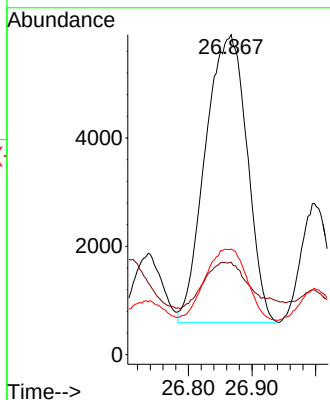
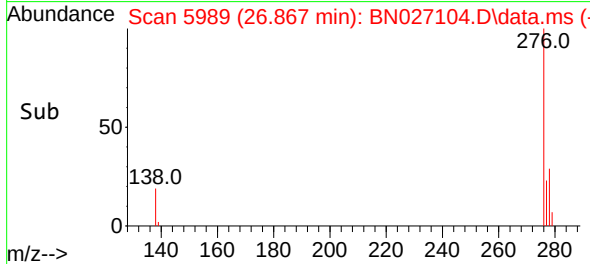
Instrument :
BNA_N
ClientSampleId :
A48Q1



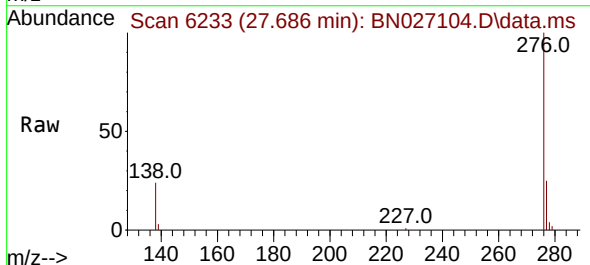
Tgt Ion:278 Resp: 2418
Ion Ratio Lower Upper
278 100
139 28.9 15.7 23.5
279 33.0 20.2 30.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.927 ng/ul
RT: 27.686 min Scan# 6233
Delta R.T. -0.010 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15



Tgt Ion:276 Resp: 93810
Ion Ratio Lower Upper
276 100
138 24.4 19.3 28.9
277 24.9 19.8 29.8

