

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027108.D
 Acq On : 24 Aug 2023 21:42
 Operator : MA/JU
 Sample : 03968-35DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 25 03:52:08 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	8.088	152	7428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	23870	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.712	164	14421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	32361	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	28040	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	28286	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	7899	0.896	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.483	152	1563	0.045	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	4231	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.960	128	4671	0.069	ng/ul#	93
7) 2-Methylnaphthalene	12.560	142	2112	0.052	ng/ul	100
8) 1-Methylnaphthalene	12.775	142	1832	0.043	ng/ul	100
10) Acenaphthylene	14.444	152	9406	0.116	ng/ul	98
11) Acenaphthene	14.777	153	8058	0.144	ng/ul	100
12) Fluorene	15.758	166	10892	0.172	ng/ul	99
15) Phenanthrene	17.502	178	184426	1.735	ng/ul	99
16) Anthracene	17.595	178	40225	0.419	ng/ul	99
19) Fluoranthene	19.506	202	254866	2.188	ng/ul	98
20) Pyrene	19.873	202	251499m	2.024	ng/ul	
21) Benzo(a)anthracene	21.618	228	118546	1.063	ng/ul	99
22) Chrysene	21.673	228	117269m	1.065	ng/ul	
24) Benzo(b)fluoranthene	23.380	252	135970m	1.271	ng/ul	
25) Benzo(k)fluoranthene	23.430	252	49766m	0.472	ng/ul	
26) Benzo(a)pyrene	24.053	252	101796	1.054	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.841	276	51841	0.410	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.861	278	12777	0.127	ng/ul#	81
29) Benzo(g,h,i)perylene	27.679	276	46655	0.444	ng/ul	99

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

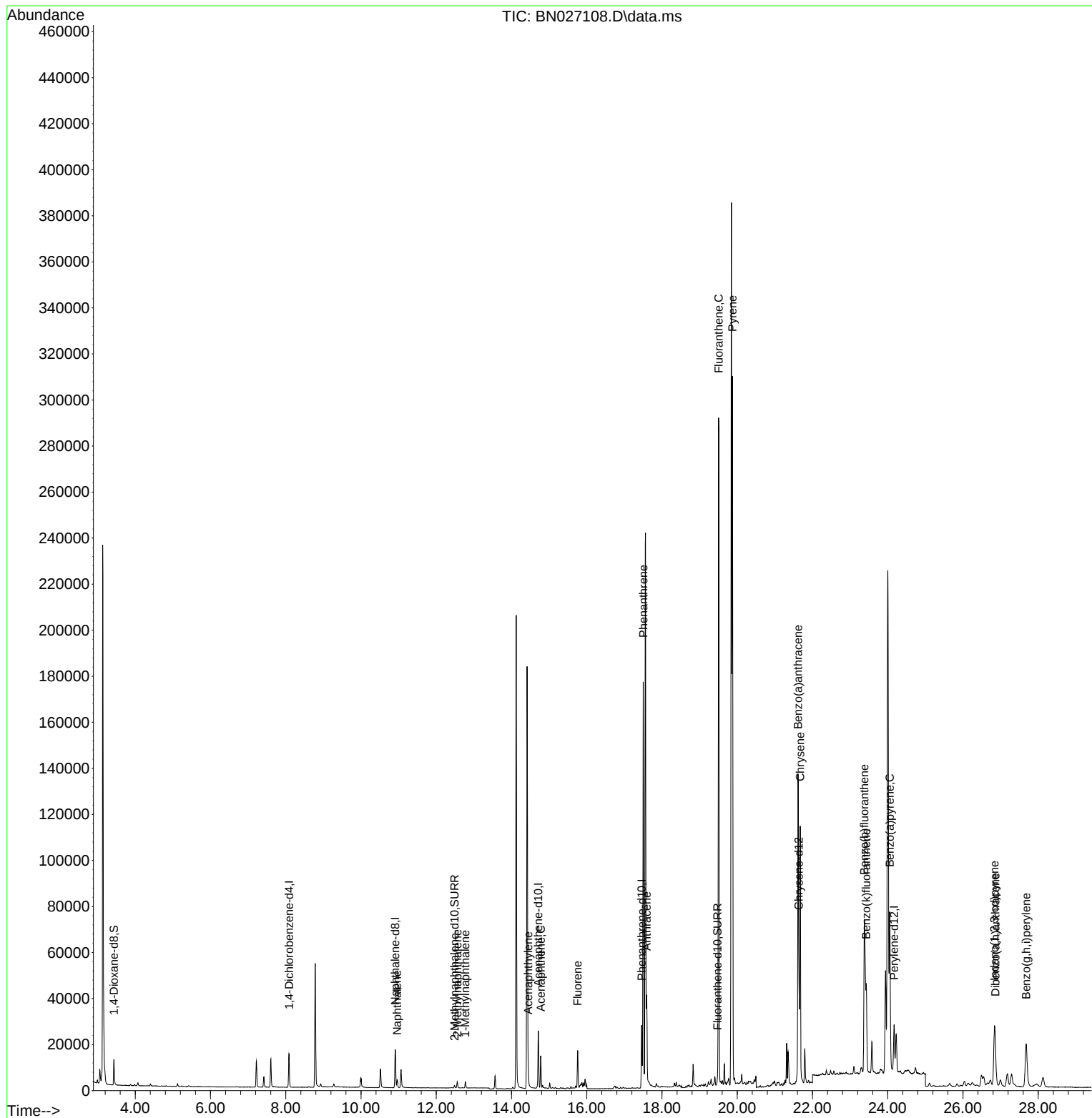
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
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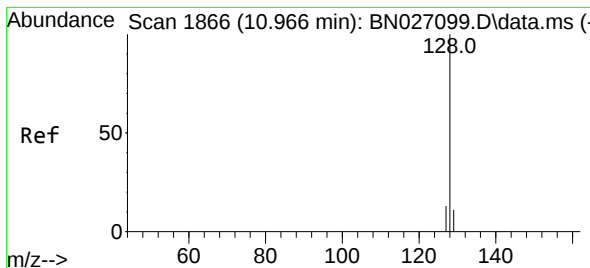
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#5

Naphthalene

Concen: 0.069 ng/ul

RT: 10.960 min Scan# 1866

Delta R.T. -0.011 min

Lab File: BN027108.D

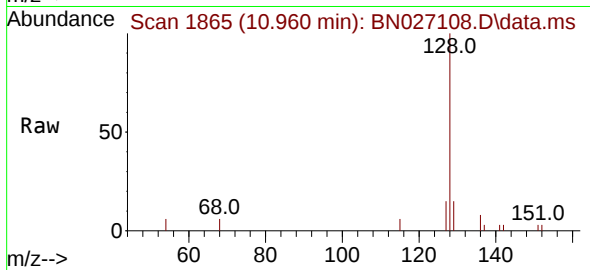
Acq: 24 Aug 2023 21:42

Instrument :

BNA_N

ClientSampleId :

A48Q3DL



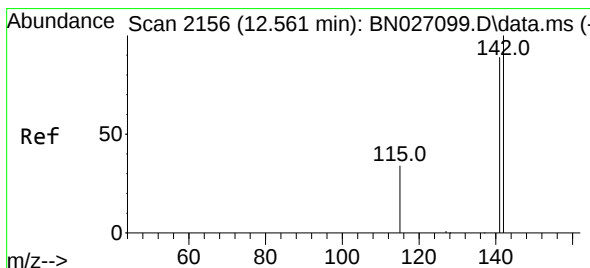
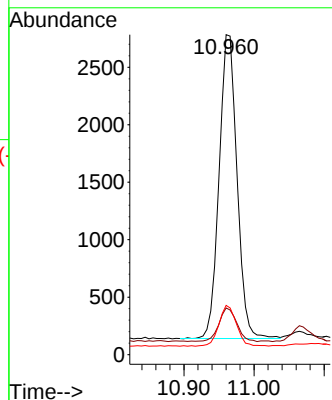
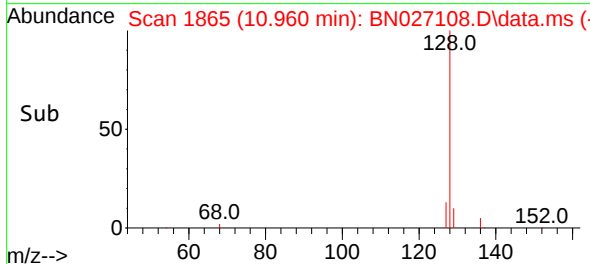
Tgt Ion:	128	Resp:	467
Ion Ratio	Lower	Upper	
128	100		
129	14.6	9.2	13.8
127	15.4	10.5	15.7

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.052 ng/ul

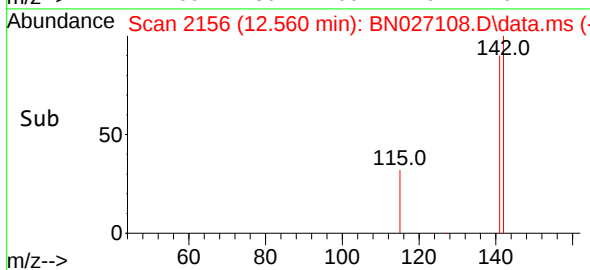
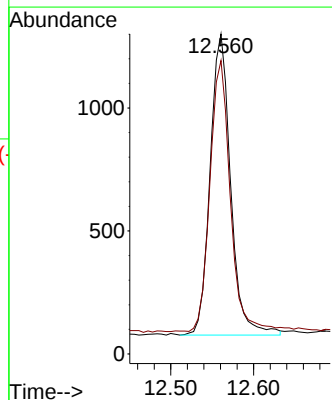
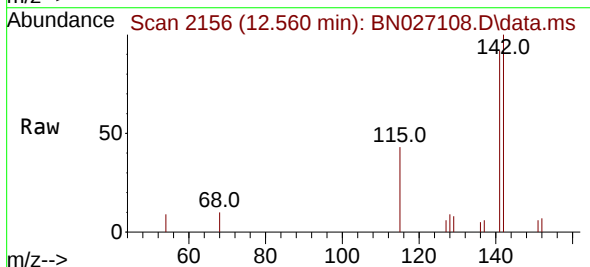
RT: 12.560 min Scan# 2156

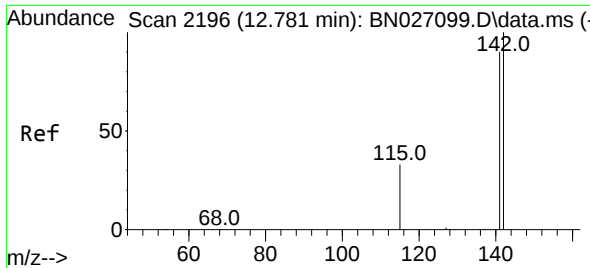
Delta R.T. -0.006 min

Lab File: BN027108.D

Acq: 24 Aug 2023 21:42

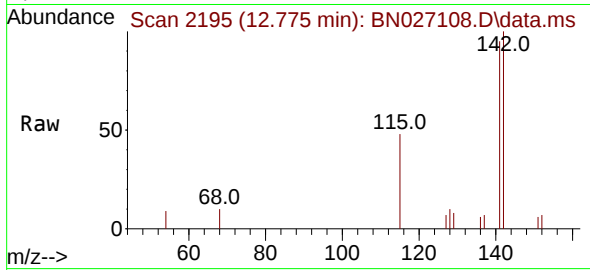
Tgt Ion:	142	Resp:	2112
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.9	106.3





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.775 min Scan# 2195
Delta R.T. -0.011 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

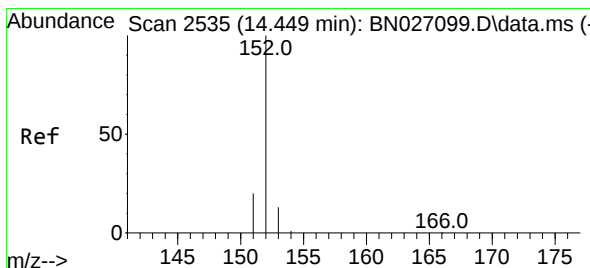
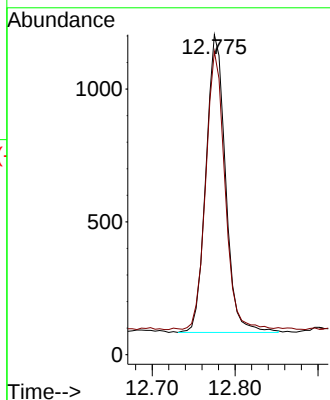
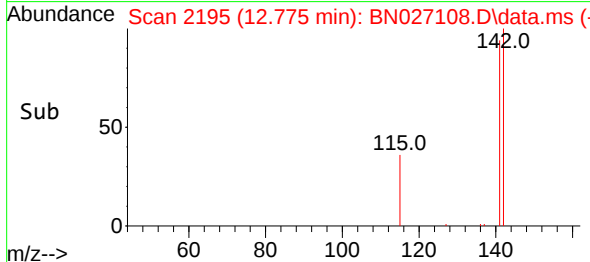
Instrument :
BNA_N
ClientSampleId :
A48Q3DL



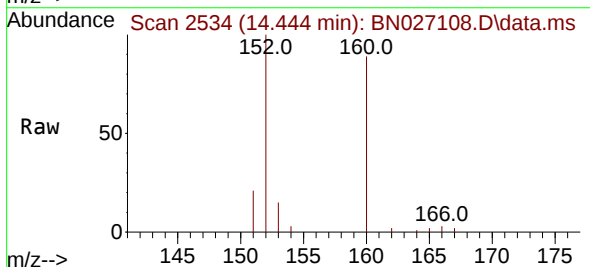
Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

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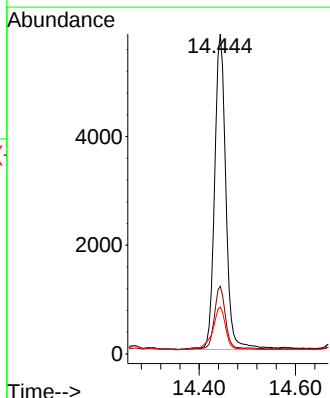
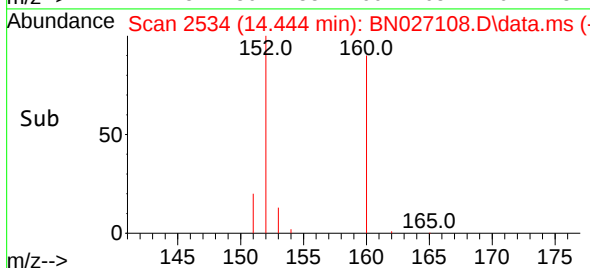
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

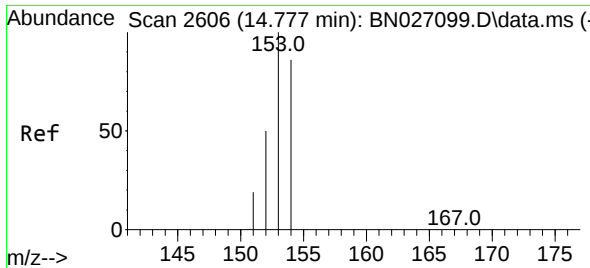


#10
Acenaphthylene
Concen: 0.116 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42



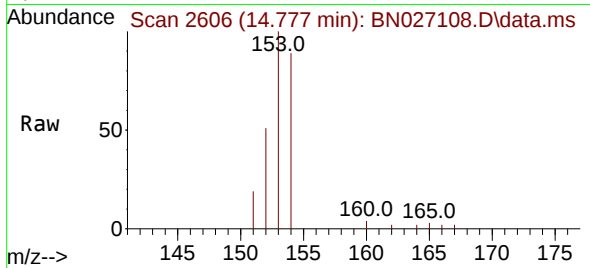
Tgt Ion:152 Resp: 9406
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 14.7 11.0 16.6





#11
Acenaphthene
Concen: 0.144 ng/ul
RT: 14.777 min Scan# 2606
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

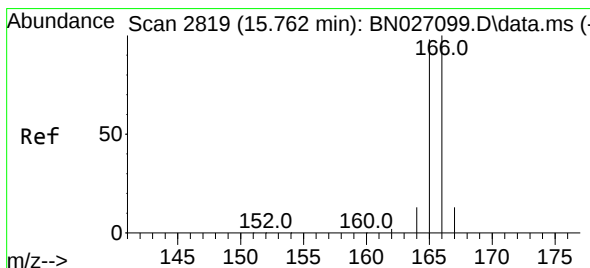
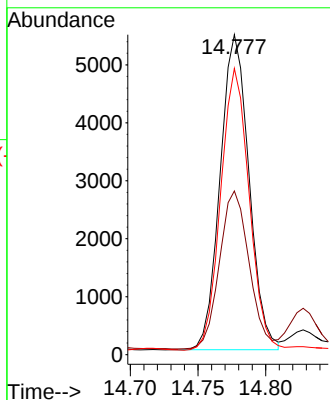
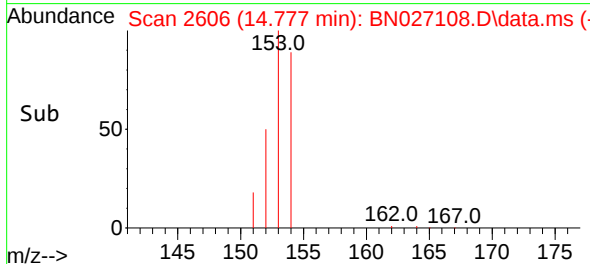
Instrument :
BNA_N
ClientSampleId :
A48Q3DL



Tgt Ion:153 Resp: 8058
Ion Ratio Lower Upper
153 100
152 51.2 41.1 61.7
154 89.4 71.6 107.4

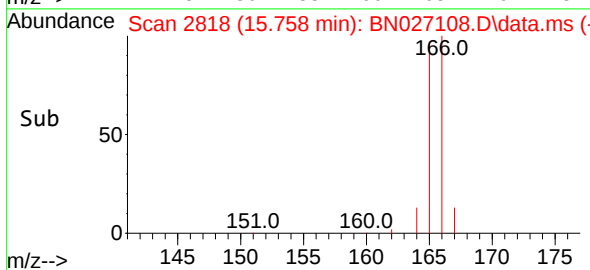
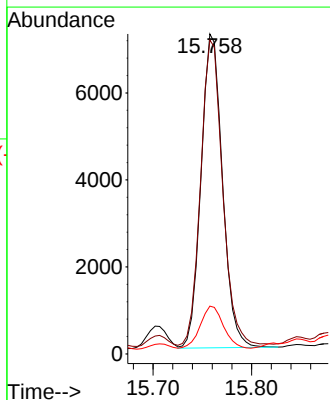
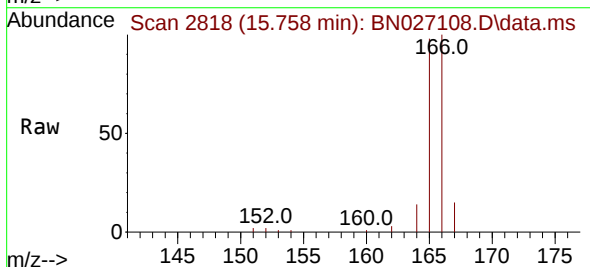
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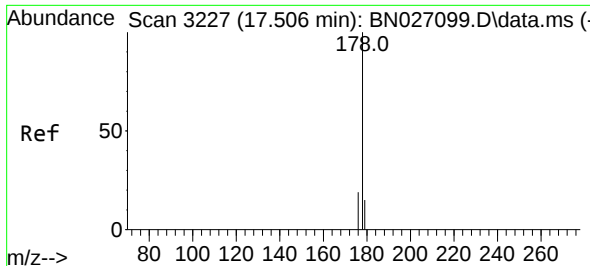
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#12
Fluorene
Concen: 0.172 ng/ul
RT: 15.758 min Scan# 2818
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

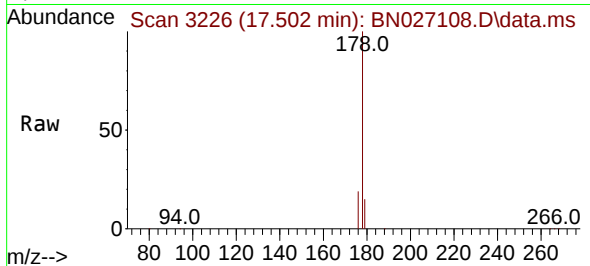
Tgt Ion:166 Resp: 10892
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 14.9 11.4 17.0





#15
Phenanthrene
Concen: 1.735 ng/ul
RT: 17.502 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

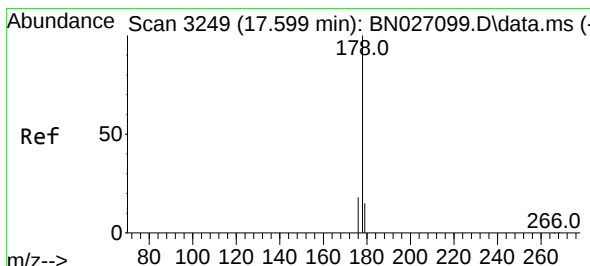
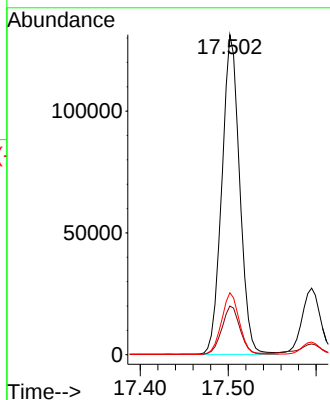
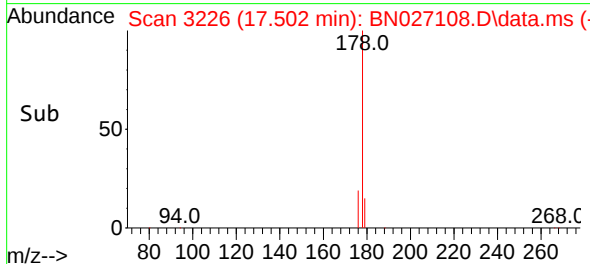
Instrument :
BNA_N
ClientSampleId :
A48Q3DL



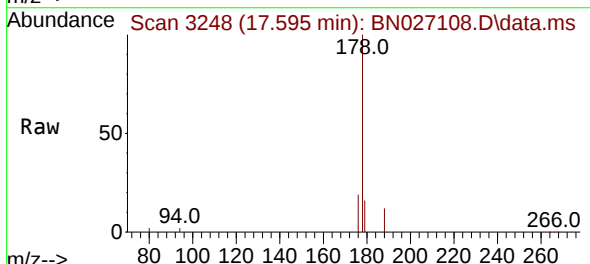
Tgt Ion:178 Resp: 184420
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.3 15.4 23.2

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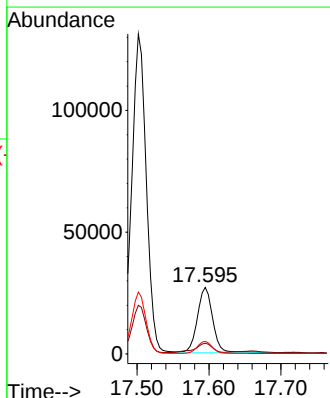
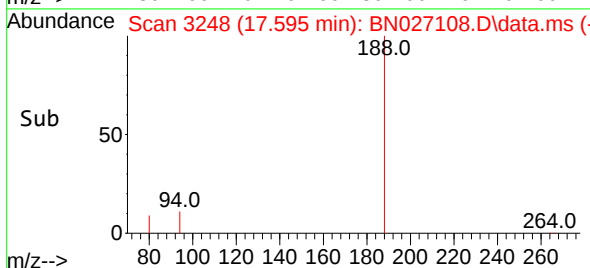
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

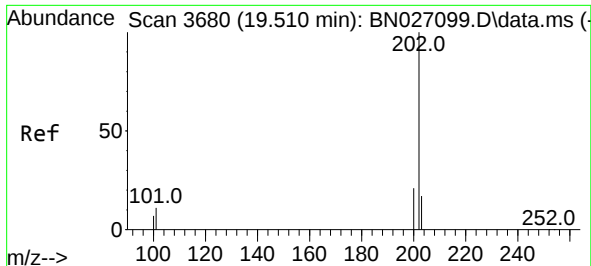


#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42



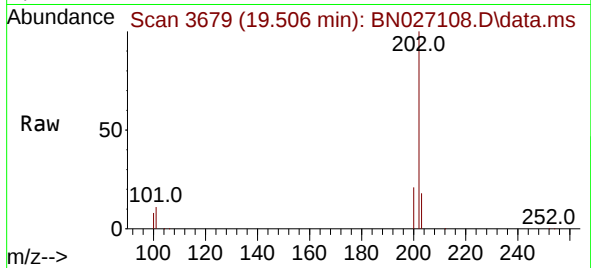
Tgt Ion:178 Resp: 40225
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.1 15.0 22.6





#19
Fluoranthene
Concen: 2.188 ng/ul
RT: 19.506 min Scan# 3679
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

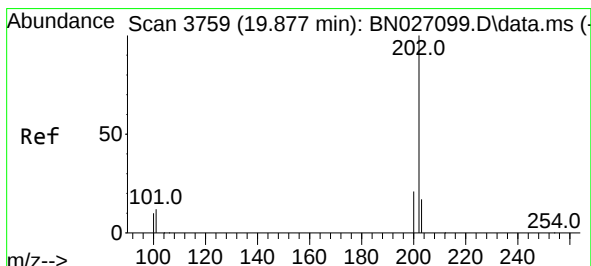
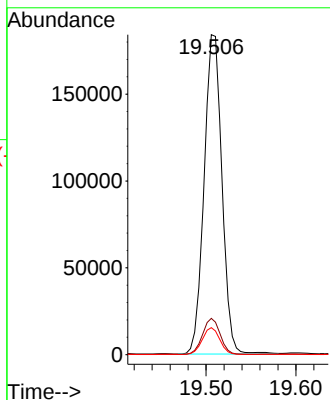
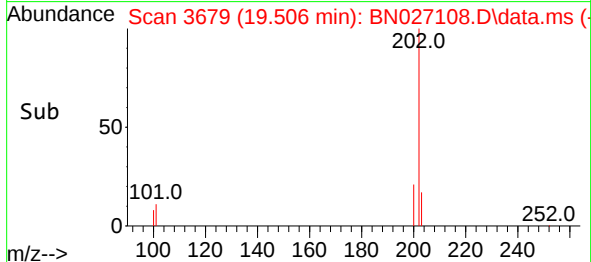
Instrument :
BNA_N
ClientSampleId :
A48Q3DL



Tgt Ion:202 Resp: 254860
Ion Ratio Lower Upper
202 100
101 11.3 8.3 12.5
100 8.4 6.2 9.2

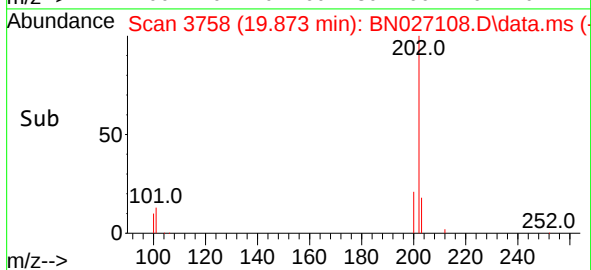
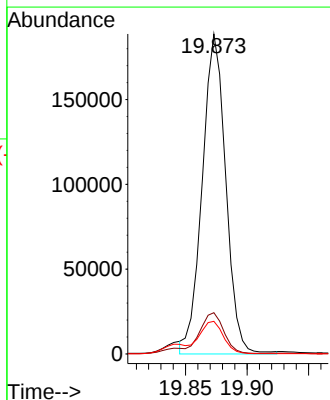
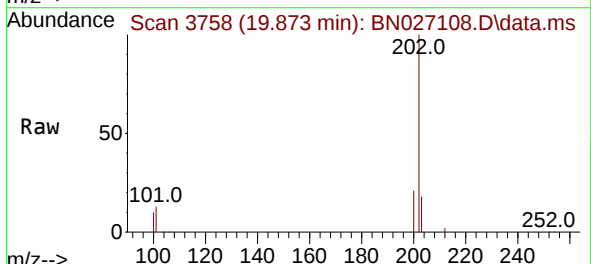
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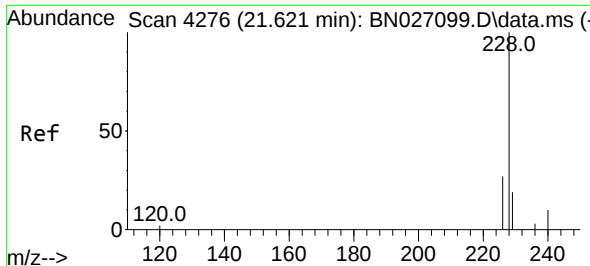
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#20
Pyrene
Concen: 2.024 ng/ul m
RT: 19.873 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

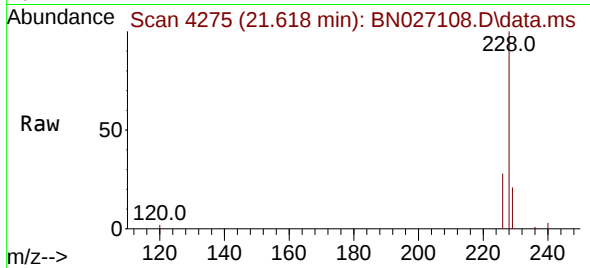
Tgt Ion:202 Resp: 251499
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.2 8.5 12.7





#21
Benzo(a)anthracene
Concen: 1.063 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

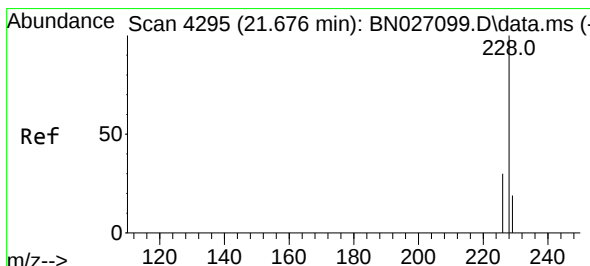
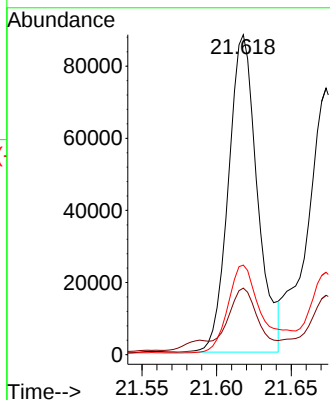
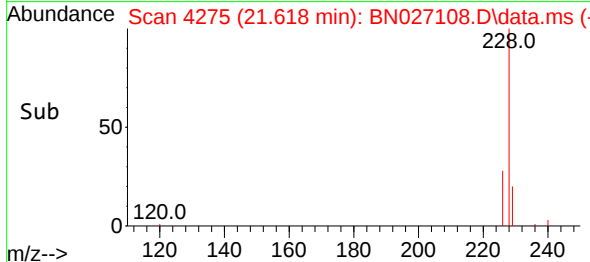
Instrument :
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A48Q3DL



Tgt Ion:228 Resp: 118540
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.0 22.2 33.2

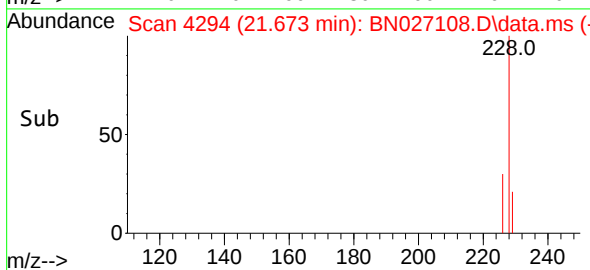
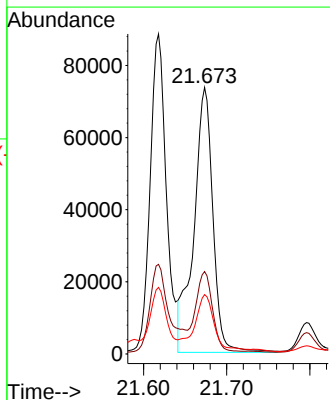
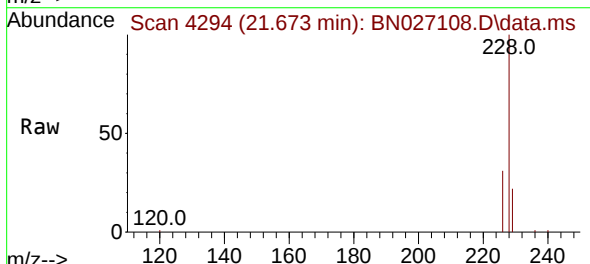
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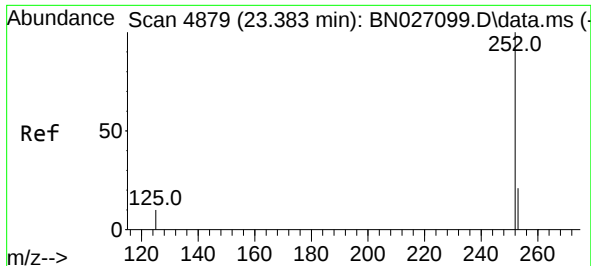
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#22
Chrysene
Concen: 1.065 ng/ul m
RT: 21.673 min Scan# 4294
Delta R.T. -0.003 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

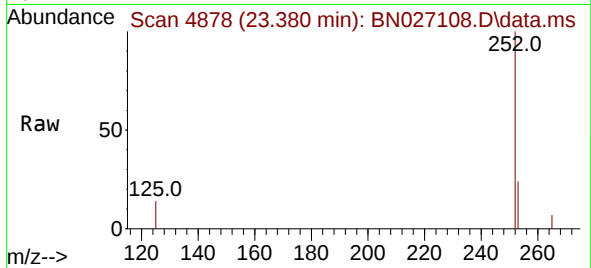
Tgt Ion:228 Resp: 117269
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.271 ng/ul m
RT: 23.380 min Scan# 4879
Delta R.T. -0.006 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

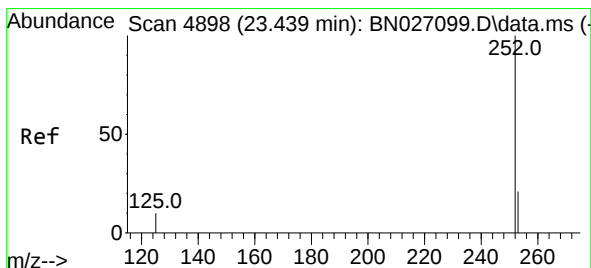
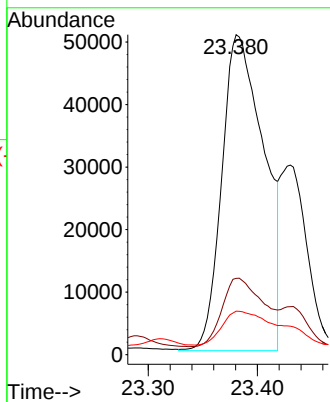
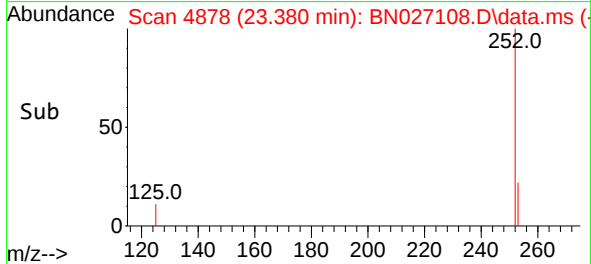
Instrument :
BNA_N
ClientSampleId :
A48Q3DL



Tgt Ion:252 Resp: 135970
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.8
125 13.6 0.0 25.2

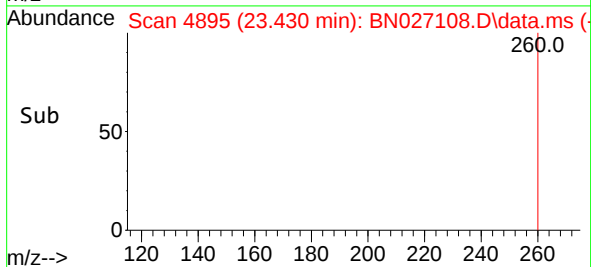
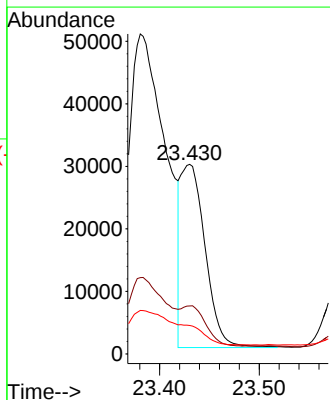
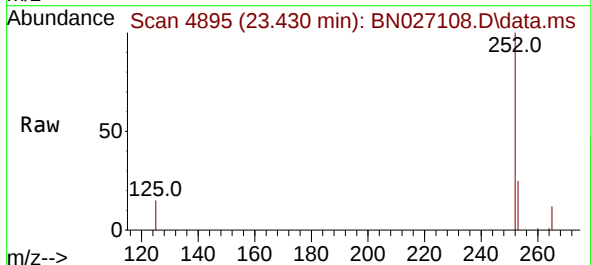
Manual Integrations
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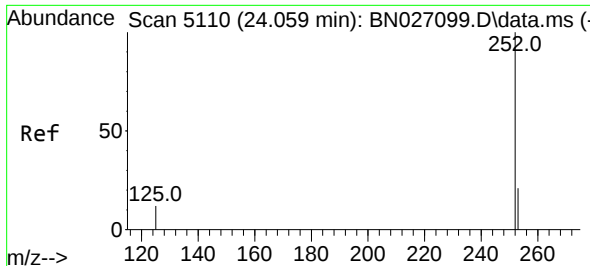
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul m
RT: 23.430 min Scan# 4895
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

Tgt Ion:252 Resp: 49766
Ion Ratio Lower Upper
252 100
253 25.3 18.2 27.4
125 15.0 9.9 14.9#





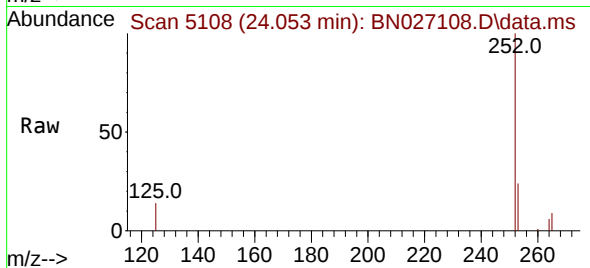
#26
Benzo(a)pyrene
Concen: 1.054 ng/ul
RT: 24.053 min Scan# 5110
Delta R.T. -0.009 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

Instrument :

BNA_N

ClientSampleId :

A48Q3DL

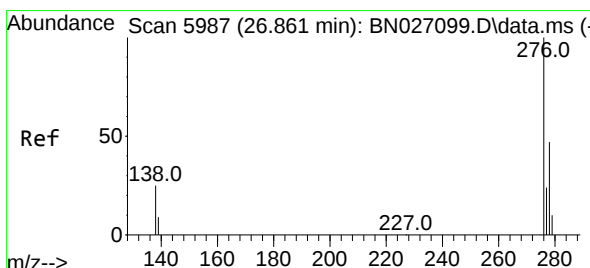
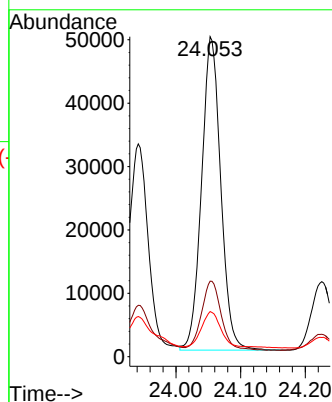
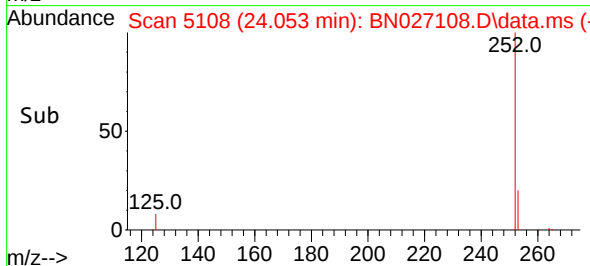


Tgt Ion:252 Resp: 101790
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.6
125 14.1 11.4 17.0

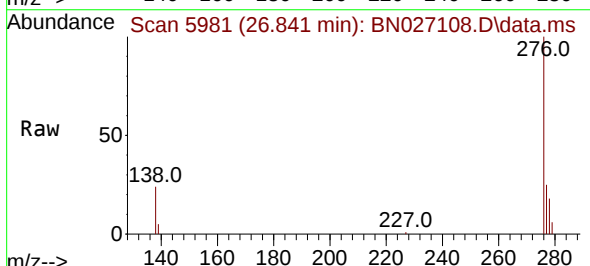
Manual Integrations

APPROVED

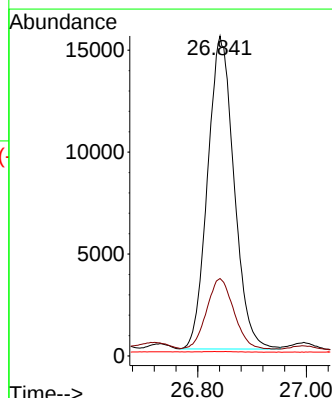
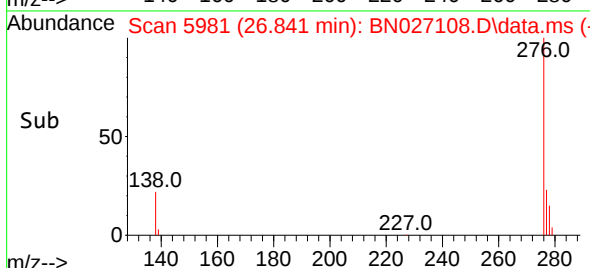
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

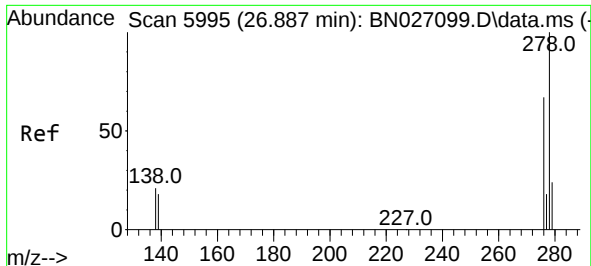


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.841 min Scan# 5981
Delta R.T. -0.013 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42



Tgt Ion:276 Resp: 51841
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.2 0.0 0.0#





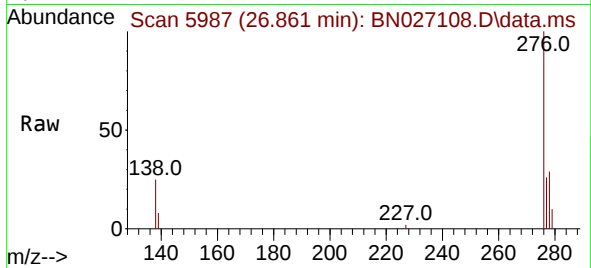
#28
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 26.861 min Scan# 5995
Delta R.T. -0.023 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42

Instrument :

BNA_N

ClientSampleId :

A48Q3DL

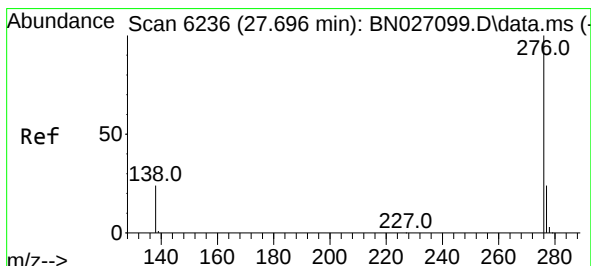
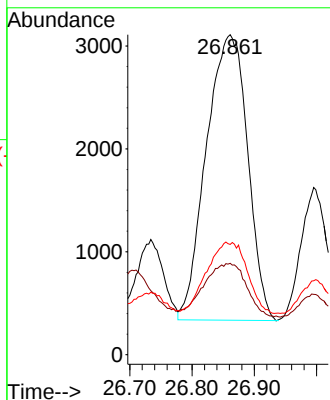
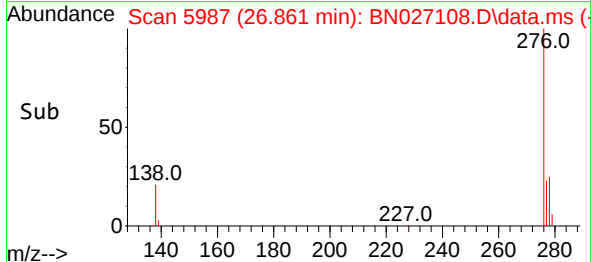


Tgt Ion:278 Resp: 1277
Ion Ratio Lower Upper
278 100
139 28.6 15.7 23.5
279 34.5 20.2 30.4

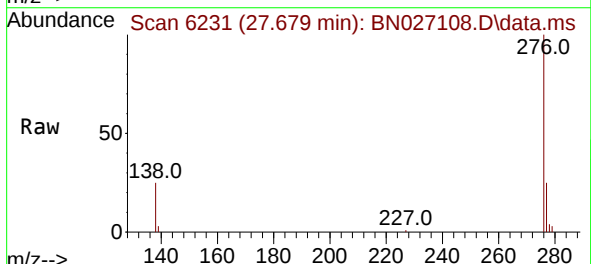
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 27.679 min Scan# 6231
Delta R.T. -0.016 min
Lab File: BN027108.D
Acq: 24 Aug 2023 21:42



Tgt Ion:276 Resp: 46655
Ion Ratio Lower Upper
276 100
138 25.2 19.3 28.9
277 24.8 19.8 29.8

