

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027109.D
 Acq On : 24 Aug 2023 22:19
 Operator : MA/JU
 Sample : 03968-32DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q0DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 25 03:52:19 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	7794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	24976	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.712	164	15359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	36565	0.400	ng/ul	0.00
17) Chrysene-d12	21.632	240	31106	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	32926	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	6752	0.730	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	1390	0.038	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	3903	0.040	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.960	128	1799	0.025	ng/ul#	84
7) 2-Methylnaphthalene	12.561	142	939	0.022	ng/ul	97
10) Acenaphthylene	14.444	152	4136	0.048	ng/ul	95
11) Acenaphthene	14.777	153	3707	0.062	ng/ul	99
12) Fluorene	15.758	166	3698	0.055	ng/ul#	97
15) Phenanthrene	17.502	178	80093	0.667	ng/ul	100
16) Anthracene	17.595	178	15957	0.147	ng/ul	97
19) Fluoranthene	19.506	202	131719	1.019	ng/ul	97
20) Pyrene	19.873	202	146373m	1.062	ng/ul	
21) Benzo(a)anthracene	21.615	228	65555	0.530	ng/ul	99
22) Chrysene	21.670	228	72521m	0.594	ng/ul	
24) Benzo(b)fluoranthene	23.380	252	82855m	0.665	ng/ul	
25) Benzo(k)fluoranthene	23.427	252	32214m	0.262	ng/ul	
26) Benzo(a)pyrene	24.053	252	63174	0.562	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.844	276	34434	0.234	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.857	278	8517	0.073	ng/ul#	74
29) Benzo(g,h,i)perylene	27.679	276	33005	0.270	ng/ul	98

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

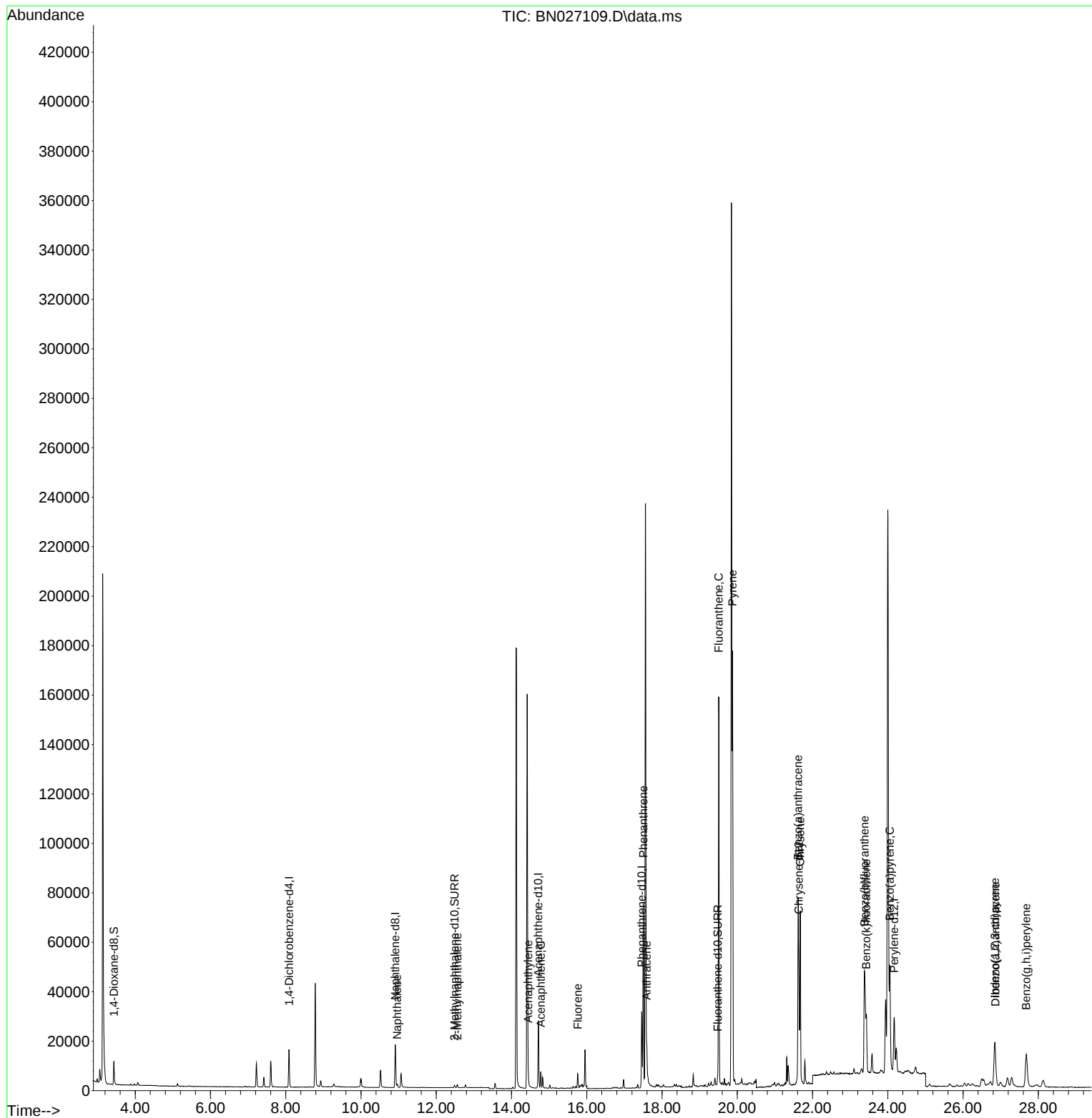
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
Data File : BN027109.D
Acq On : 24 Aug 2023 22:19
Operator : MA/JU
Sample : 03968-32DL 5X
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ALS Vial : 12 Sample Multiplier: 1

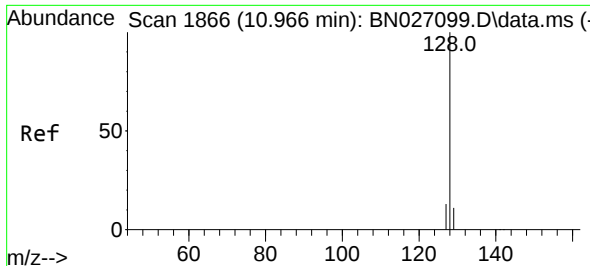
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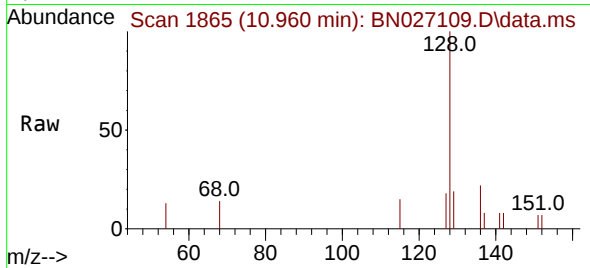
Quant Time: Aug 25 03:52:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.960 min Scan# 1865
Delta R.T. -0.011 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

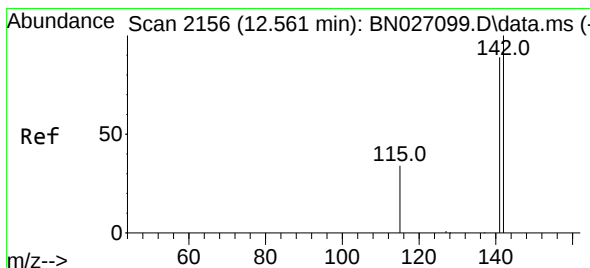
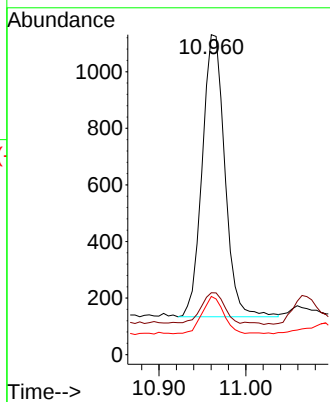
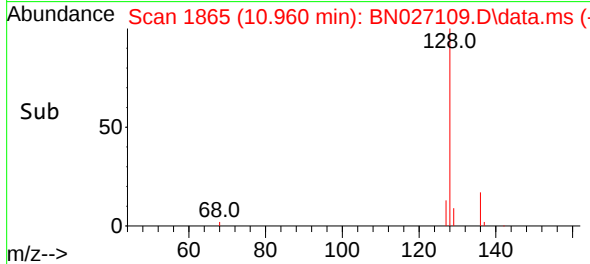
Instrument :
BNA_N
ClientSampleId :
A48Q0DL



Tgt Ion:128 Resp: 1799
Ion Ratio Lower Upper
128 100
129 19.4 9.2 13.8
127 18.2 10.5 15.7

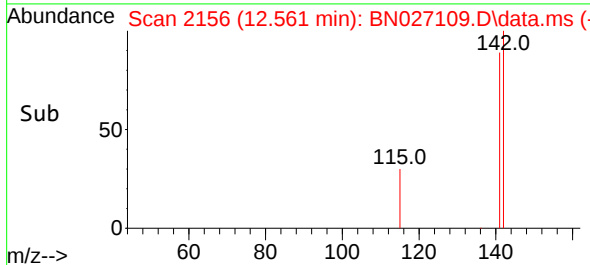
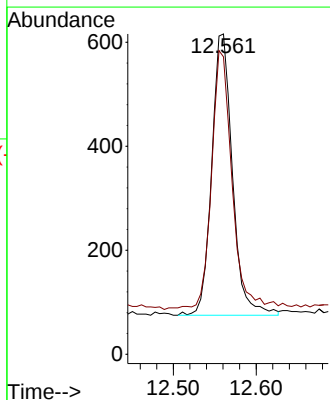
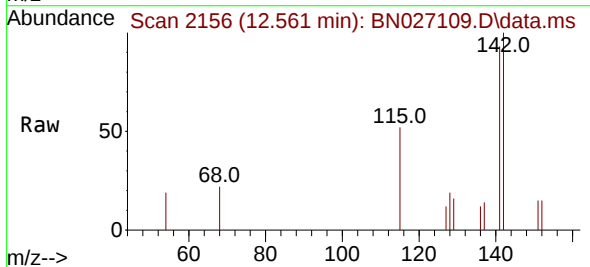
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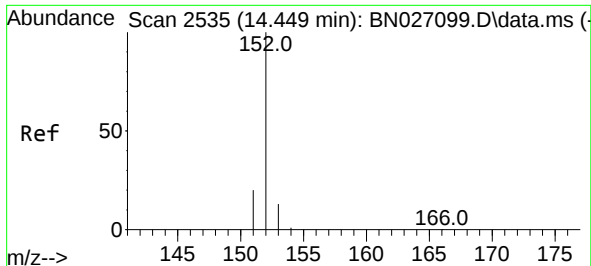
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.561 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

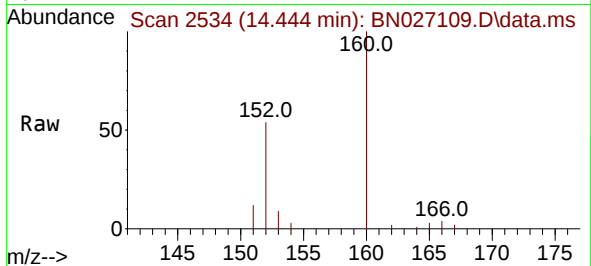
Tgt Ion:142 Resp: 939
Ion Ratio Lower Upper
142 100
141 91.8 70.9 106.3





#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

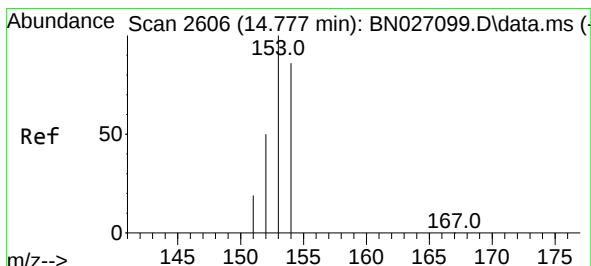
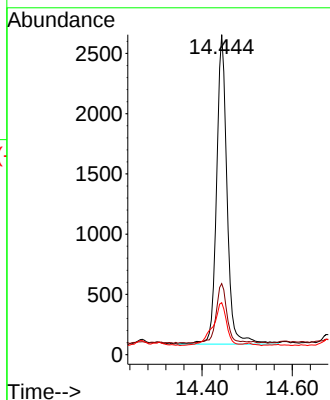
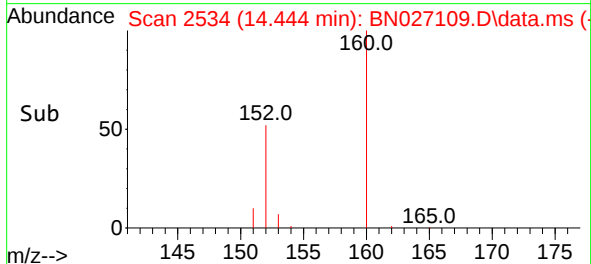
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Tgt Ion:152 Resp: 4130
Ion Ratio Lower Upper
152 100
151 22.2 15.9 23.9
153 16.3 11.0 16.6

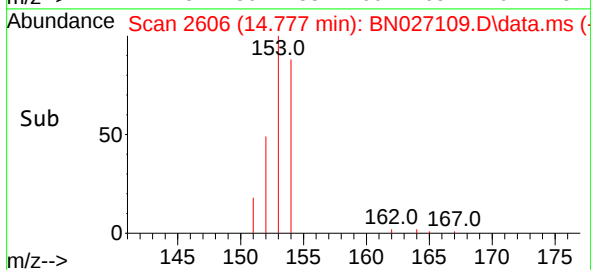
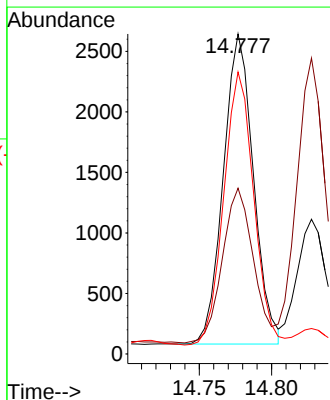
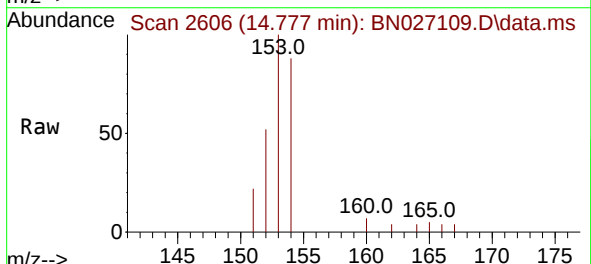
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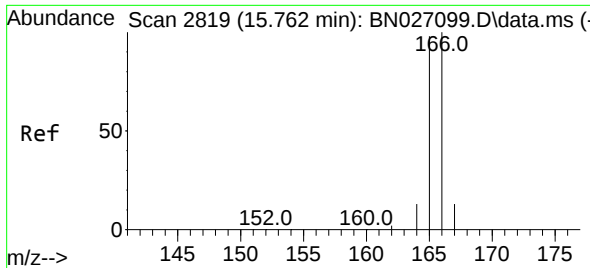
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.777 min Scan# 2606
Delta R.T. -0.009 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

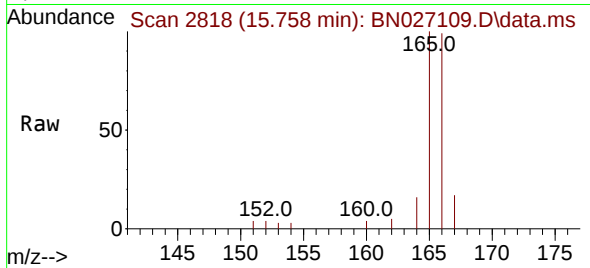
Tgt Ion:153 Resp: 3707
Ion Ratio Lower Upper
153 100
152 51.8 41.1 61.7
154 88.1 71.6 107.4





#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.758 min Scan# 2818
Delta R.T. -0.009 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

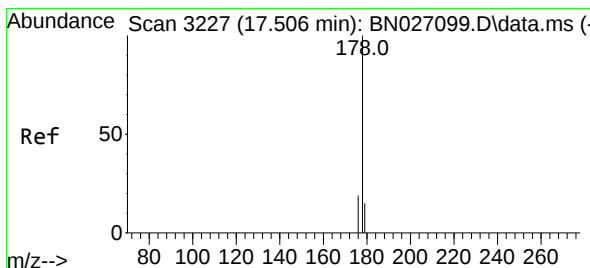
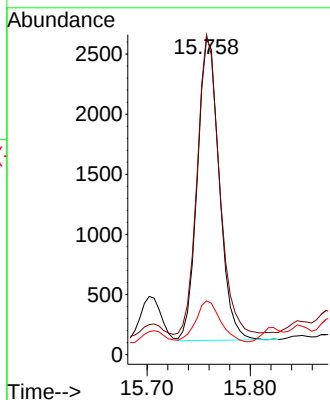
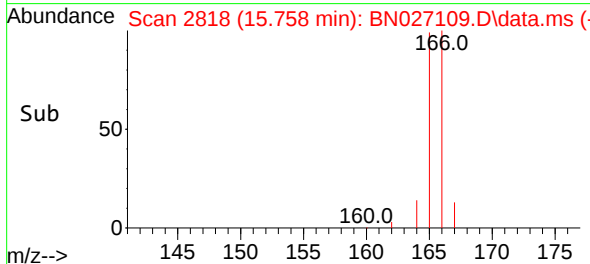
Instrument :
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ClientSampleId :
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Tgt Ion:166 Resp: 3698
Ion Ratio Lower Upper
166 100
165 101.3 79.1 118.7
167 17.1 11.4 17.0

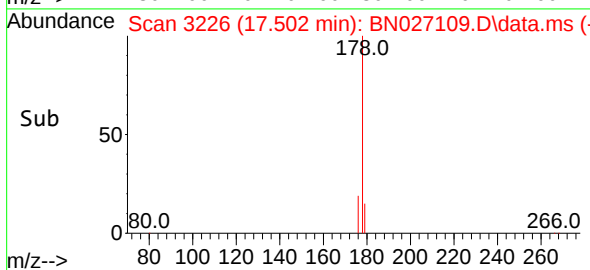
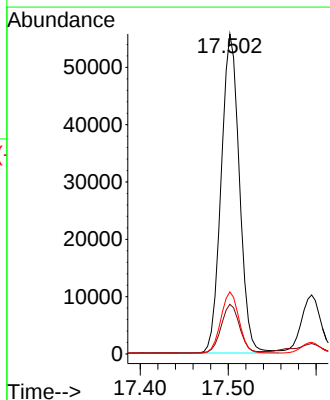
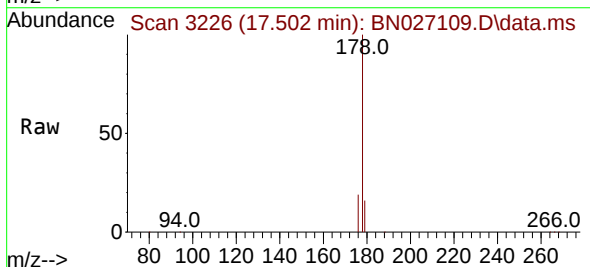
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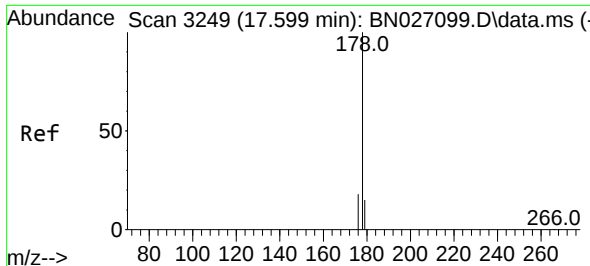
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#15
Phenanthrene
Concen: 0.667 ng/ul
RT: 17.502 min Scan# 3226
Delta R.T. -0.009 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

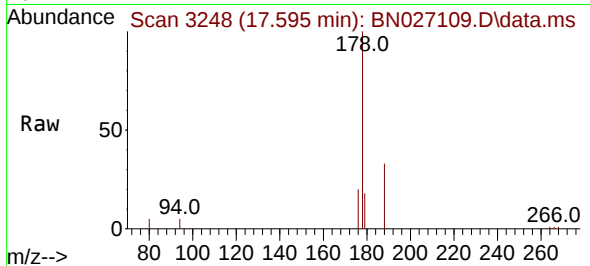
Tgt Ion:178 Resp: 80093
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.4 15.4 23.2





#16
 Anthracene
 Concen: 0.147 ng/ul
 RT: 17.595 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN027109.D
 Acq: 24 Aug 2023 22:19

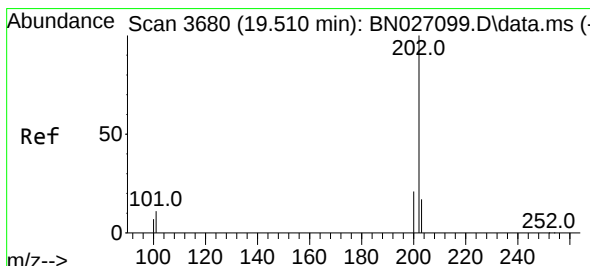
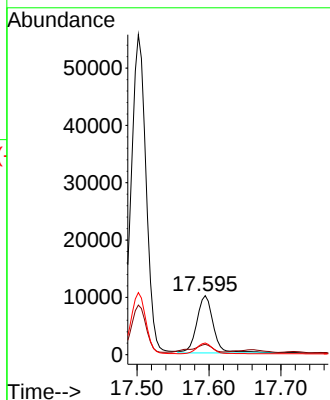
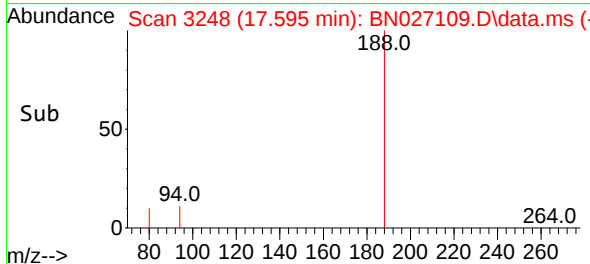
Instrument :
 BNA_N
 ClientSampleId :
 A48Q0DL



Tgt Ion:178 Resp: 1595
 Ion Ratio Lower Upper
 178 100
 179 17.5 12.6 19.0
 176 19.7 15.0 22.6

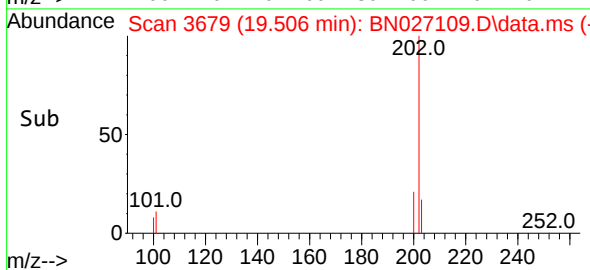
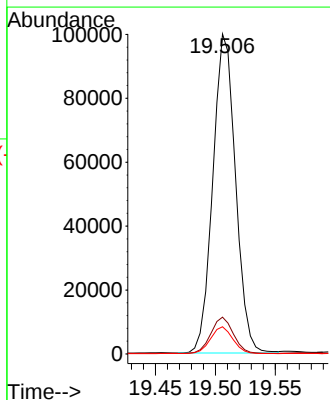
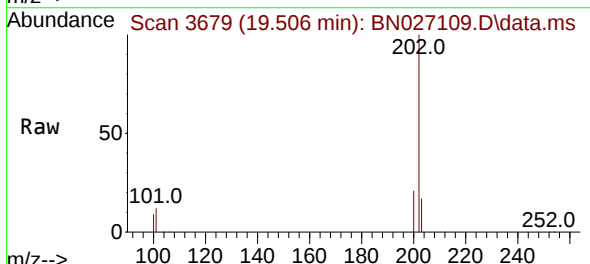
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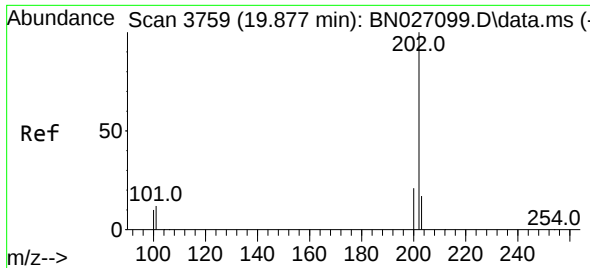
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#19
 Fluoranthene
 Concen: 1.019 ng/ul
 RT: 19.506 min Scan# 3679
 Delta R.T. -0.009 min
 Lab File: BN027109.D
 Acq: 24 Aug 2023 22:19

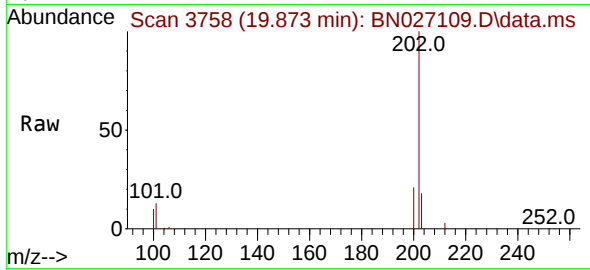
Tgt Ion:202 Resp: 131719
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.3 12.5
 100 8.5 6.2 9.2





#20
Pyrene
Concen: 1.062 ng/ul m
RT: 19.873 min Scan# 3759
Delta R.T. -0.009 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

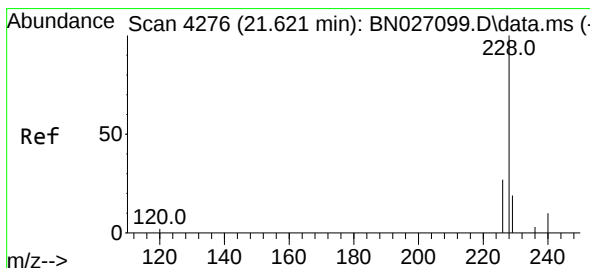
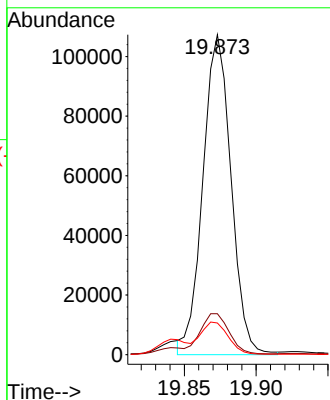
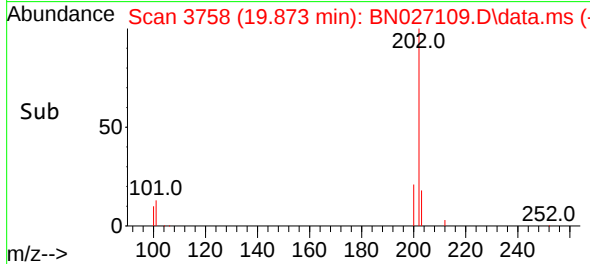
Instrument :
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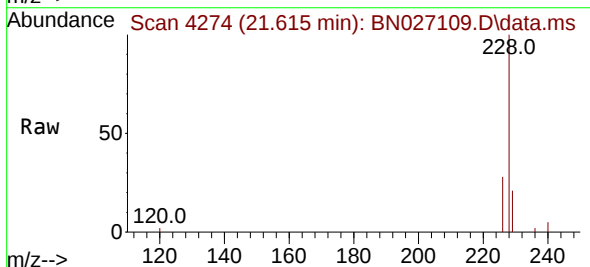
Tgt Ion:202 Resp: 14637
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 9.9 8.5 12.7

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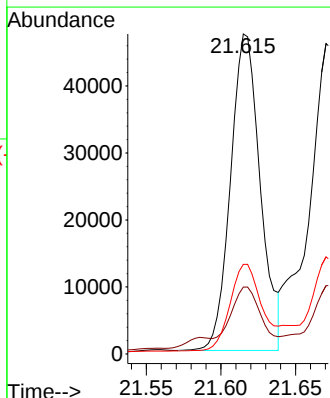
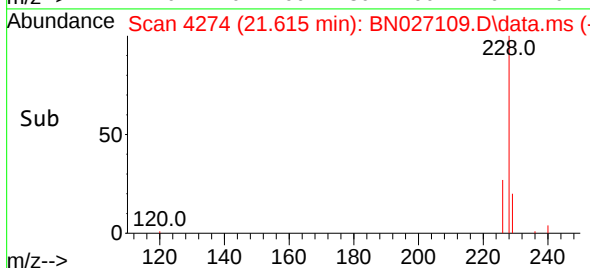
Reviewed By :Yogesh Patel 08/25/2023
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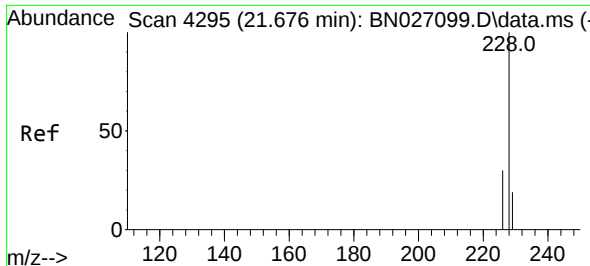


#21
Benzo(a)anthracene
Concen: 0.530 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19



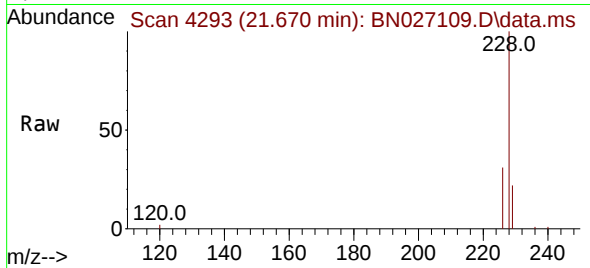
Tgt Ion:228 Resp: 65555
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.0 22.2 33.2





#22
Chrysene
Concen: 0.594 ng/ul m
RT: 21.670 min Scan# 4295
Delta R.T. -0.006 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

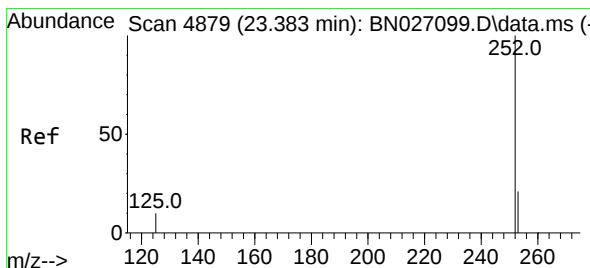
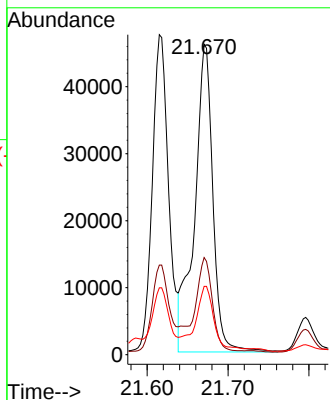
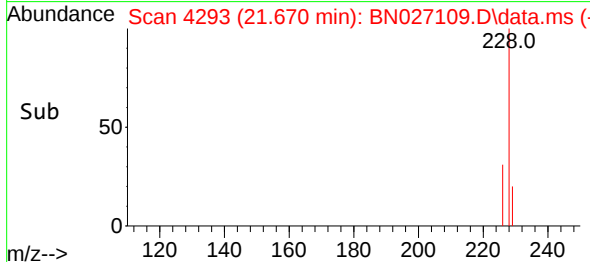
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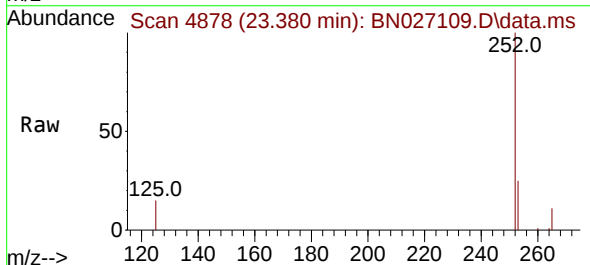
Tgt Ion:228 Resp: 7252
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 22.0 15.8 23.6

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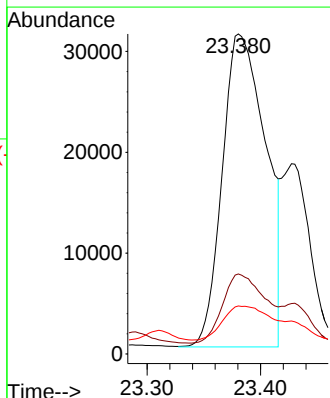
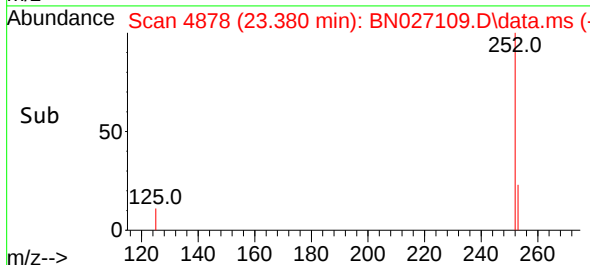
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

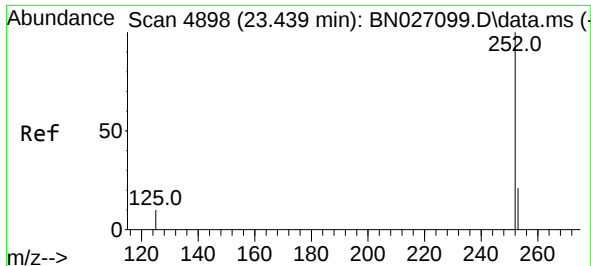


#24
Benzo(b)fluoranthene
Concen: 0.665 ng/ul m
RT: 23.380 min Scan# 4878
Delta R.T. -0.006 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19



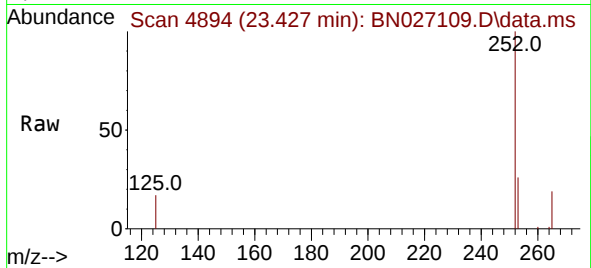
Tgt Ion:252 Resp: 82855
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.8
125 15.0 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.262 ng/ul m
RT: 23.427 min Scan# 4894
Delta R.T. -0.012 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

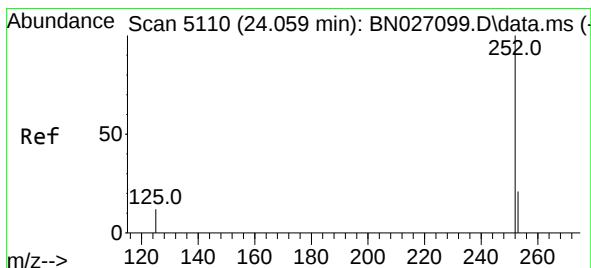
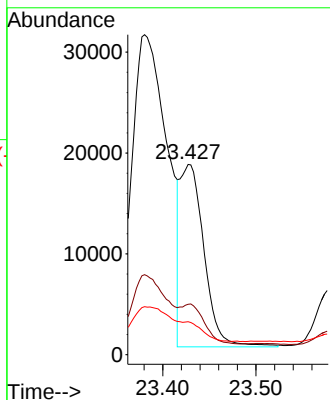
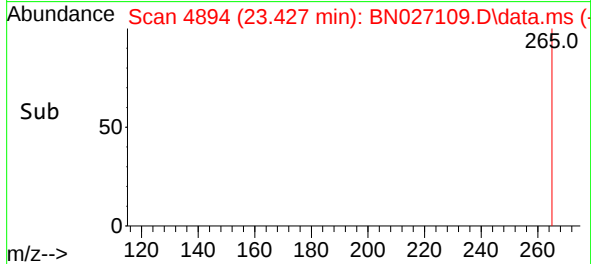
Instrument :
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Tgt Ion:252 Resp: 32214
Ion Ratio Lower Upper
252 100
253 26.5 18.2 27.4
125 17.3 9.9 14.9

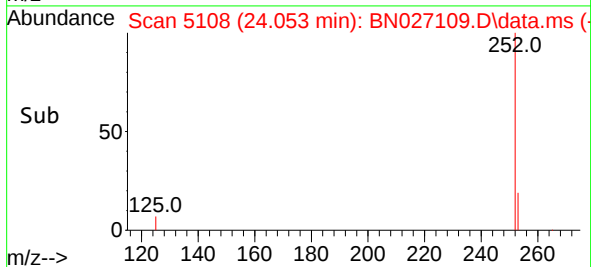
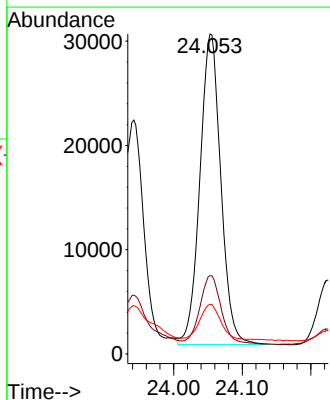
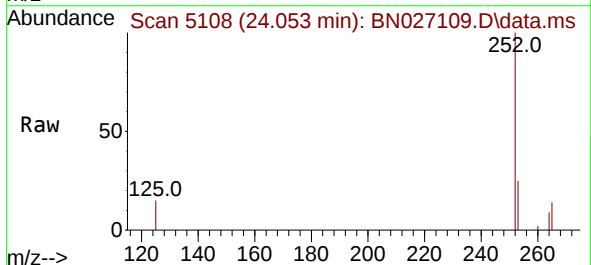
Manual Integrations
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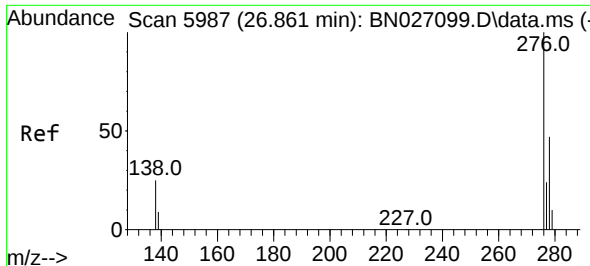
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#26
Benzo(a)pyrene
Concen: 0.562 ng/ul
RT: 24.053 min Scan# 5108
Delta R.T. -0.009 min
Lab File: BN027109.D
Acq: 24 Aug 2023 22:19

Tgt Ion:252 Resp: 63174
Ion Ratio Lower Upper
252 100
253 24.5 19.0 28.6
125 15.5 11.4 17.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.234 ng/ul

RT: 26.844 min Scan# 5987

Delta R.T. -0.010 min

Lab File: BN027109.D

Acq: 24 Aug 2023 22:19

Instrument :

BNA_N

ClientSampleId :

A48Q0DL

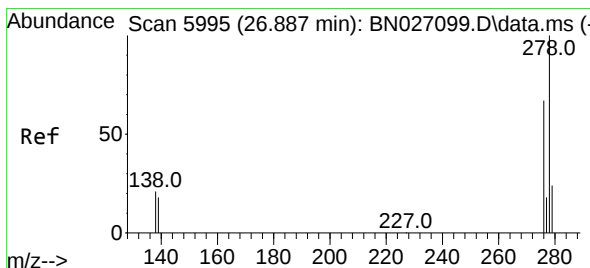
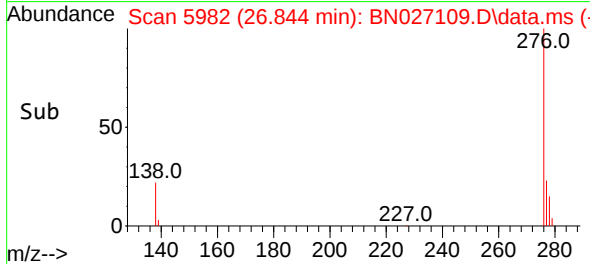
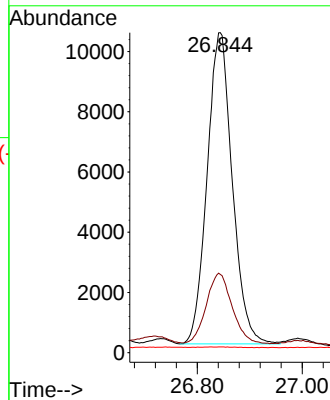
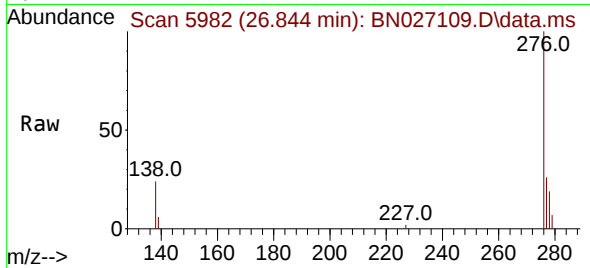
Tgt Ion:	276	Resp:	34434
Ion Ratio	Lower	Upper	
276	100		
138	23.1	21.6	32.4
227	0.1	0.0	0.0

Manual Integrations

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Supervised By :mohammad ahmed 08/25/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.073 ng/ul

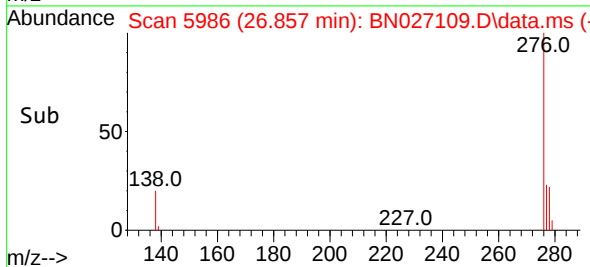
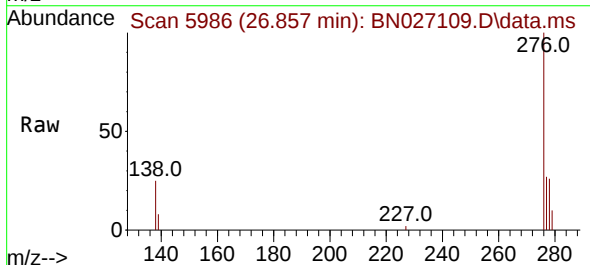
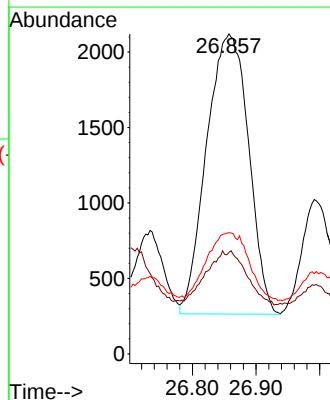
RT: 26.857 min Scan# 5986

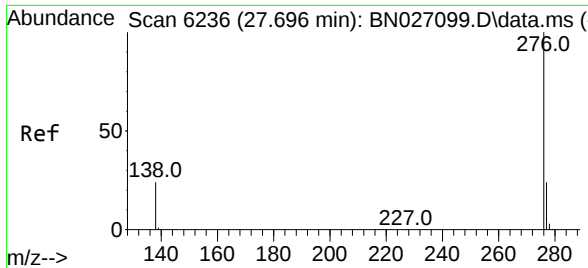
Delta R.T. -0.027 min

Lab File: BN027109.D

Acq: 24 Aug 2023 22:19

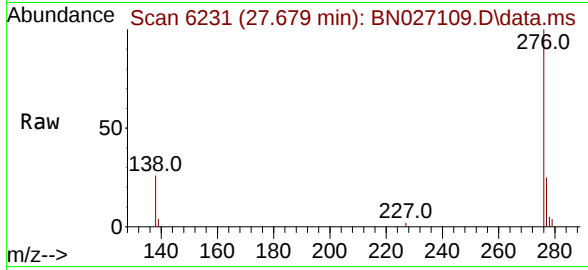
Tgt Ion:	278	Resp:	8517
Ion Ratio	Lower	Upper	
278	100		
139	31.7	15.7	23.5#
279	37.9	20.2	30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.270 ng/ul
 RT: 27.679 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BN027109.D
 Acq: 24 Aug 2023 22:19

Instrument :
 BNA_N
 ClientSampleId :
 A48Q0DL



Tgt Ion:	276	Resp:	3300
Ion Ratio	Lower	Upper	
276	100		
138	25.6	19.3	28.9
277	25.2	19.8	29.8

Manual Integrations
 APPROVED

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

