

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027033.D
 Acq On : 22 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03967-24DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 23 01:43:53 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 : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	7964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	26065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	15165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	32958	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	26855	0.400	ng/ul	0.00
23) Perylene-d12	24.185	264	23689	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	6065	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1313	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3162	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	2633	0.036	ng/ul#	88
7) 2-Methylnaphthalene	12.572	142	1017	0.023	ng/ul	98
10) Acenaphthylene	14.453	152	53706	0.632	ng/ul	99
12) Fluorene	15.772	166	2474	0.037	ng/ul#	97
15) Phenanthrene	17.515	178	33161	0.306	ng/ul	99
16) Anthracene	17.603	178	44396	0.454	ng/ul	99
19) Fluoranthene	19.515	202	303887	2.724	ng/ul	98
20) Pyrene	19.882	202	278778m	2.342	ng/ul	
21) Benzo(a)anthracene	21.624	228	254605	2.384	ng/ul	99
22) Chrysene	21.679	228	285355m	2.707	ng/ul	
24) Benzo(b)fluoranthene	23.395	252	421901m	4.709	ng/ul	
25) Benzo(k)fluoranthene	23.439	252	137858m	1.560	ng/ul	
26) Benzo(a)pyrene	24.065	252	140781	1.741	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.861	276	122863	1.162	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.888	278	34528	0.410	ng/ul#	89
29) Benzo(g,h,i)perylene	27.706	276	98423	1.118	ng/ul	100

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

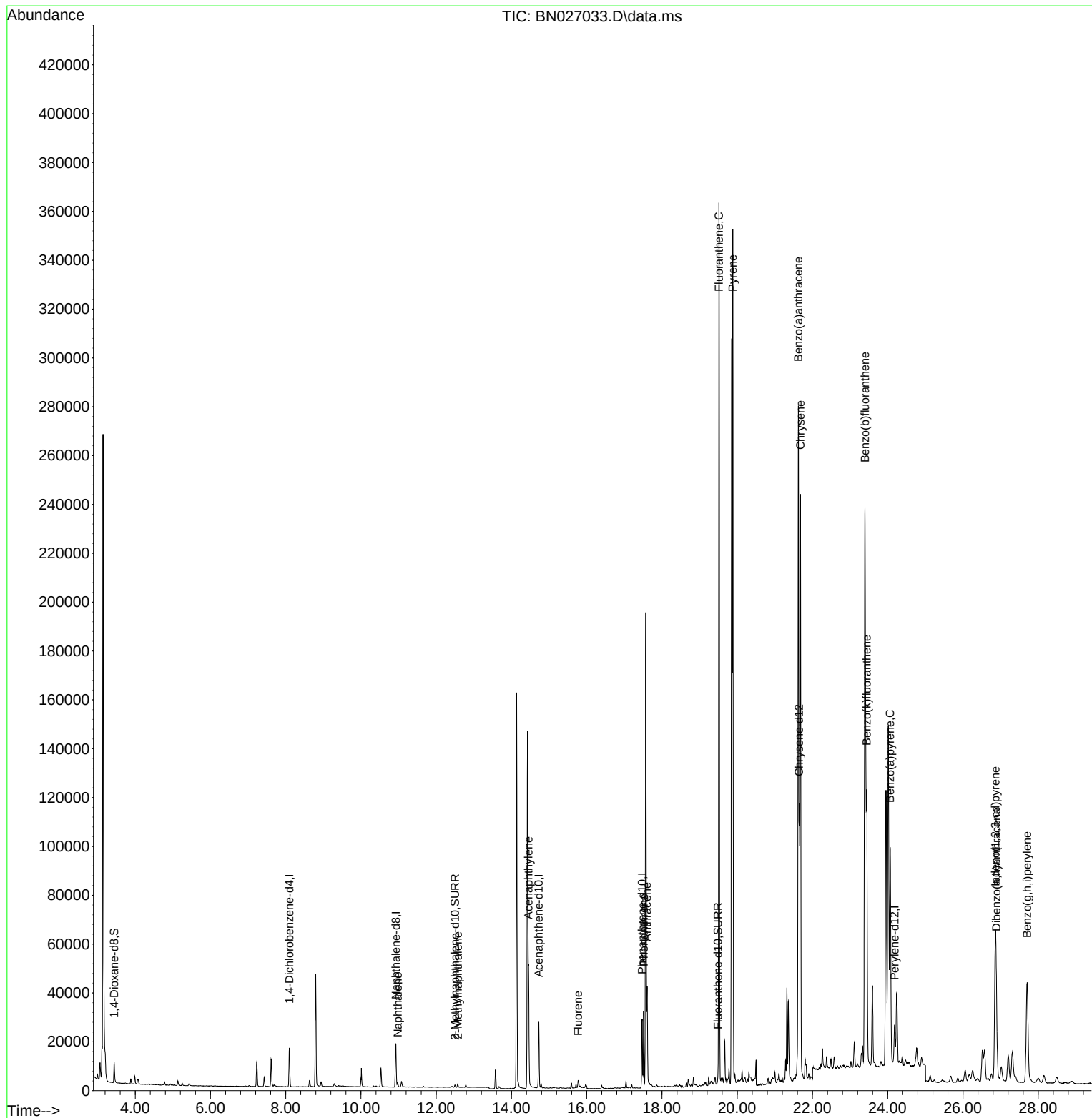
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027033.D
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Sample : 03967-24DL 5X
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ALS Vial : 52 Sample Multiplier: 1

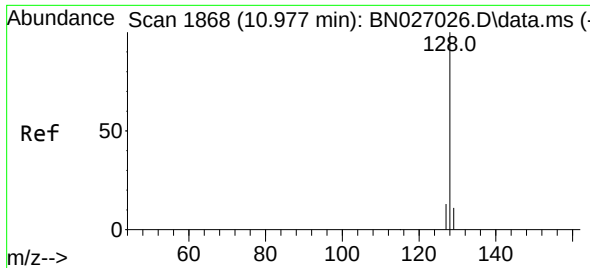
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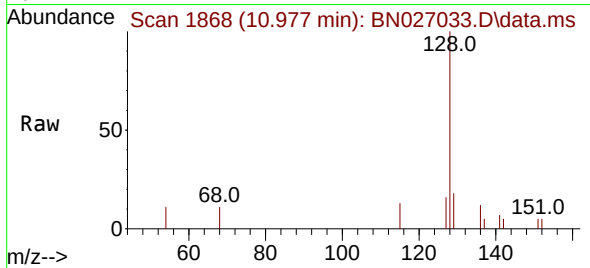
Quant Time: Aug 23 01:43:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

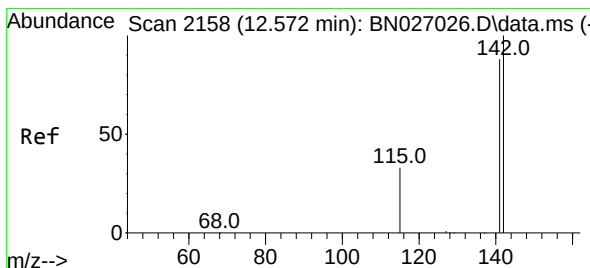
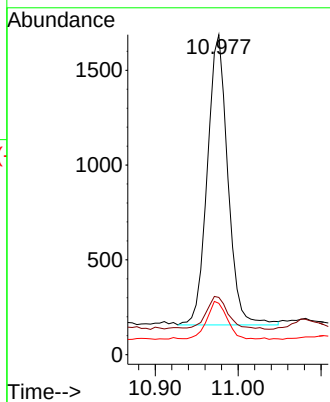
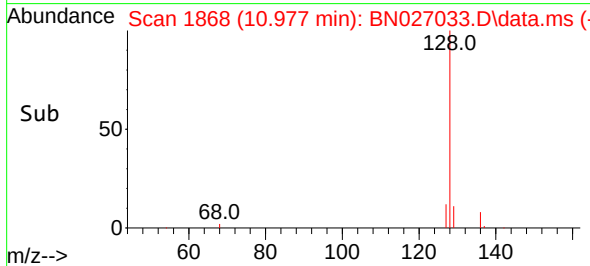
Instrument :
BNA_N
ClientSampleId :
A48N6DL



Tgt Ion:128 Resp: 263
Ion Ratio Lower Upper
128 100
129 17.9 9.2 13.8
127 16.1 10.5 15.7

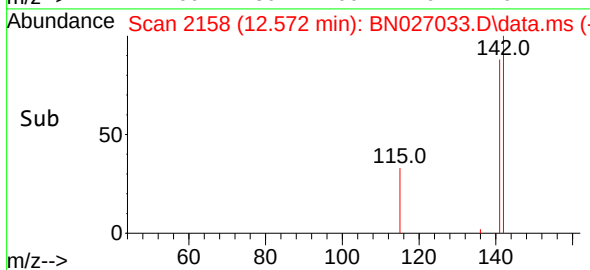
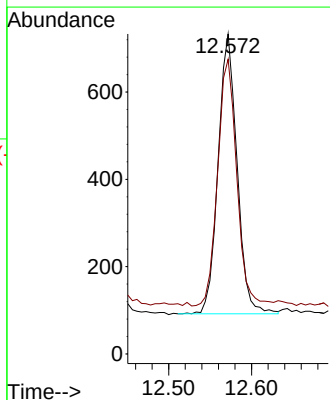
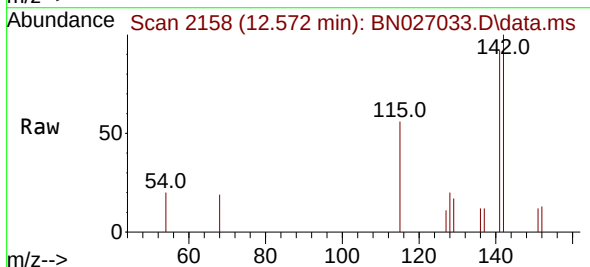
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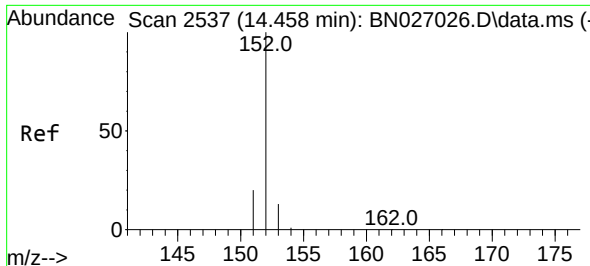
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

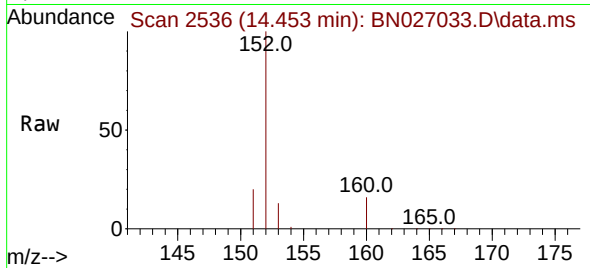
Tgt Ion:142 Resp: 1017
Ion Ratio Lower Upper
142 100
141 90.4 70.9 106.3





#10
Acenaphthylene
Concen: 0.632 ng/ul
RT: 14.453 min Scan# 2536
Delta R.T. -0.005 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

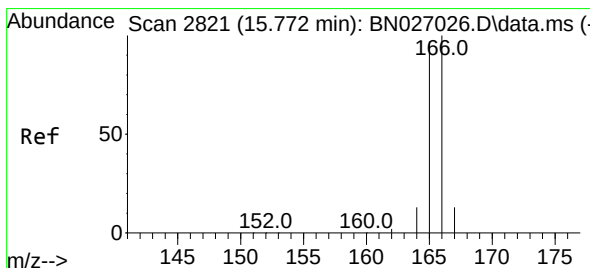
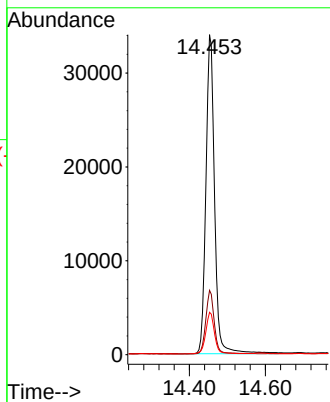
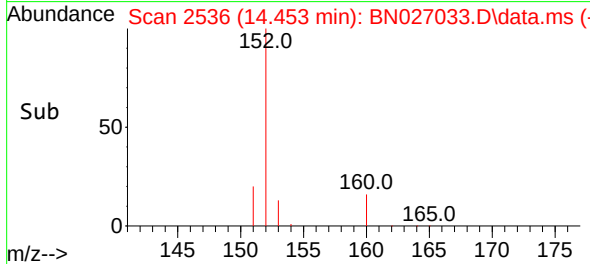
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Tgt Ion:152 Resp: 53700
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 11.0 16.6

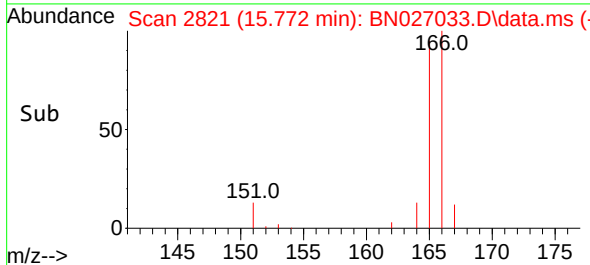
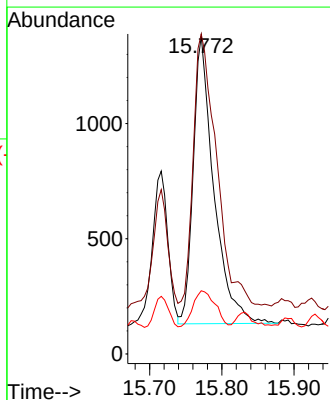
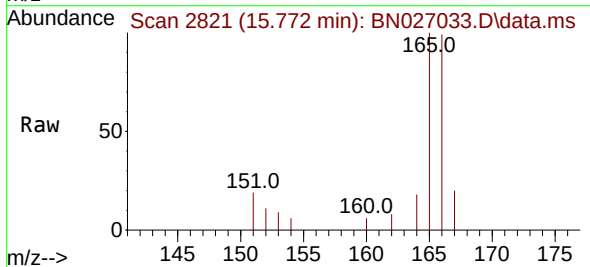
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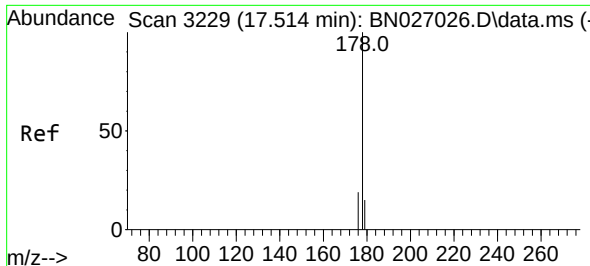
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

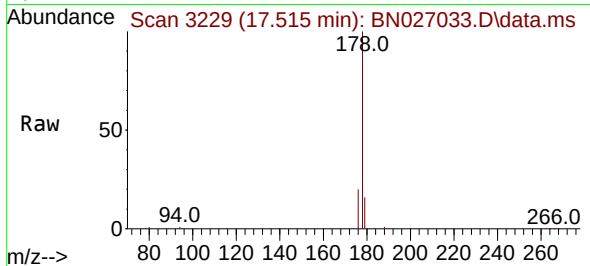
Tgt Ion:166 Resp: 2474
Ion Ratio Lower Upper
166 100
165 100.7 79.1 118.7
167 19.9 11.4 17.0#





#15
Phenanthrene
Concen: 0.306 ng/u1
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

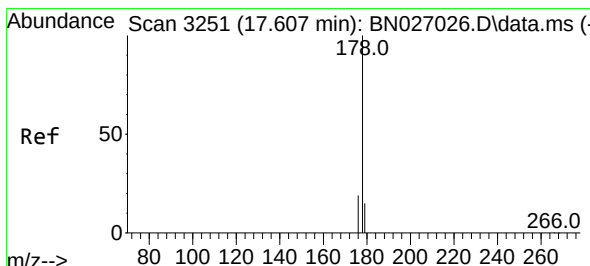
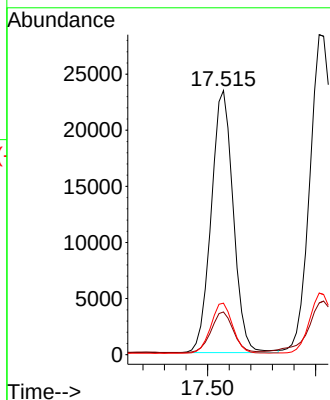
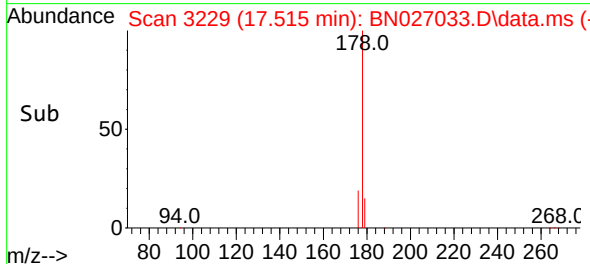
Instrument :
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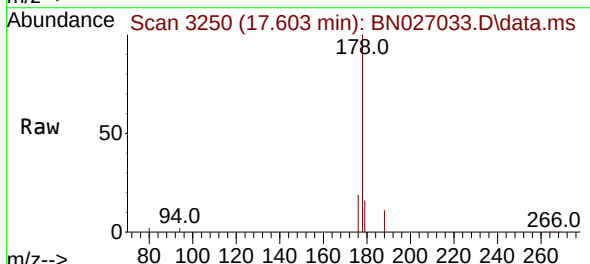
Tgt Ion:178 Resp: 3316
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.5 15.4 23.2

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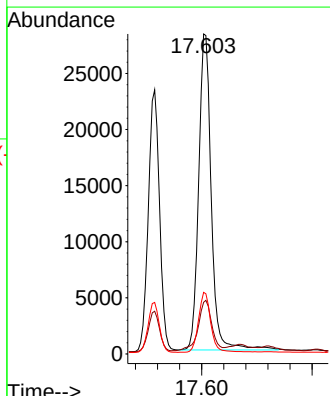
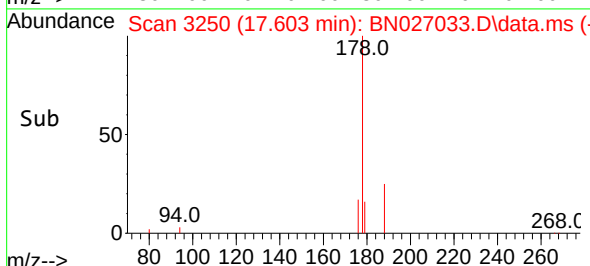
Reviewed By :Yogesh Patel 08/23/2023
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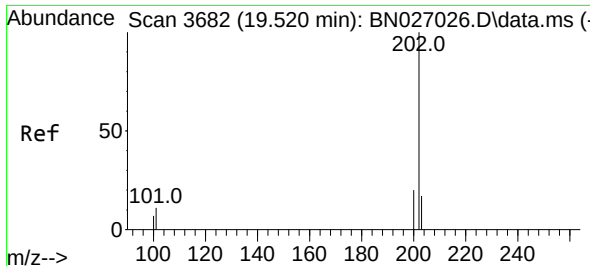


#16
Anthracene
Concen: 0.454 ng/u1
RT: 17.603 min Scan# 3250
Delta R.T. -0.004 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59



Tgt Ion:178 Resp: 44396
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.2 15.0 22.6





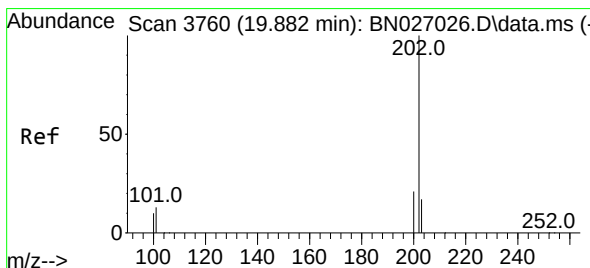
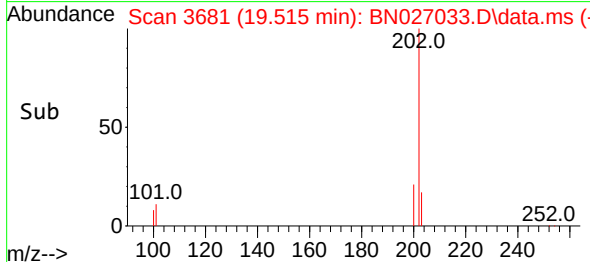
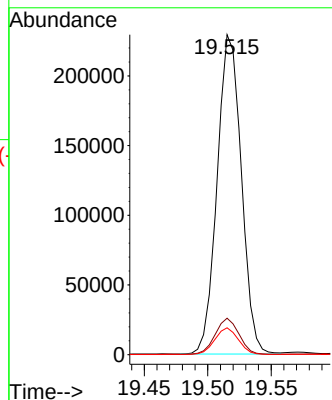
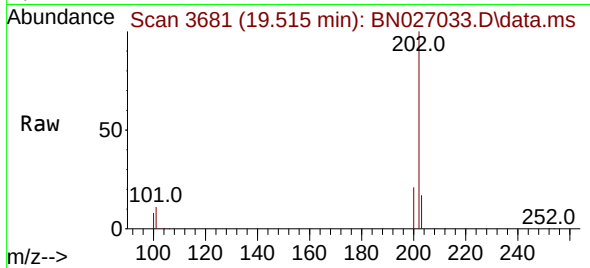
#19
Fluoranthene
Concen: 2.724 ng/ul
RT: 19.515 min Scan# 3681
Delta R.T. -0.009 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:202 Resp: 30388
Ion Ratio Lower Upper
202 100
101 11.4 8.3 12.5
100 8.4 6.2 9.2

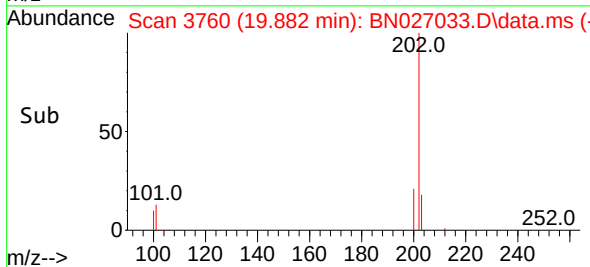
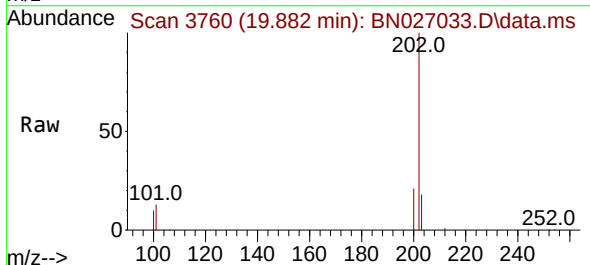
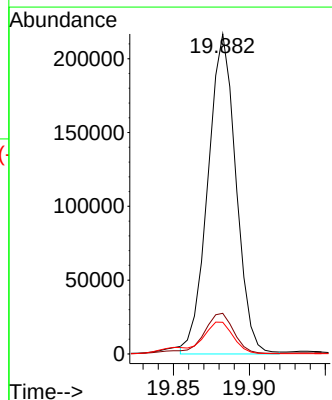
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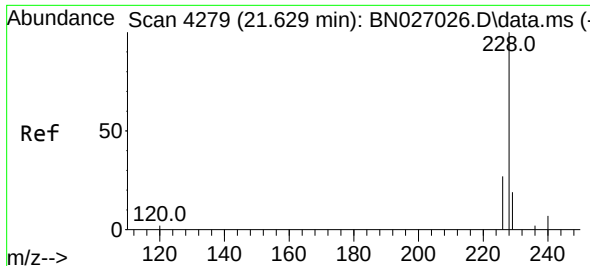
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#20
Pyrene
Concen: 2.342 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

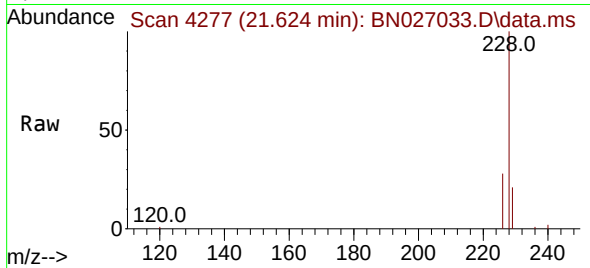
Tgt Ion:202 Resp: 278778
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 9.9 8.5 12.7





#21
Benzo(a)anthracene
Concen: 2.384 ng/ul
RT: 21.624 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

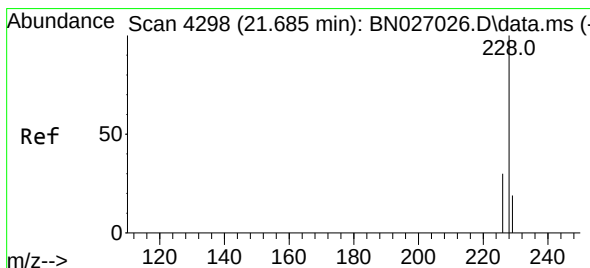
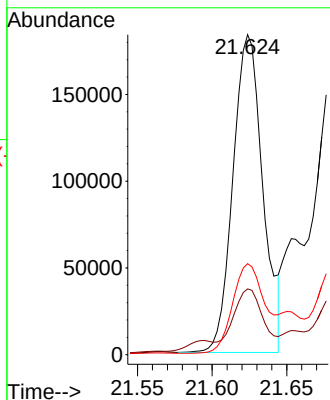
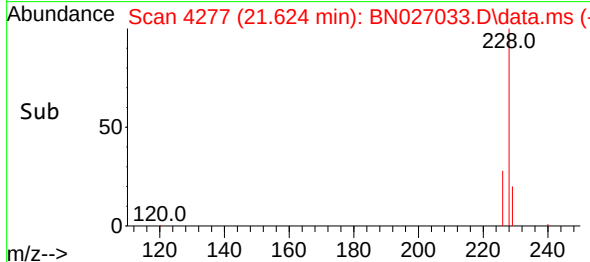
Instrument :
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ClientSampleId :
A48N6DL



Tgt Ion:228 Resp: 25460
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.5 22.2 33.2

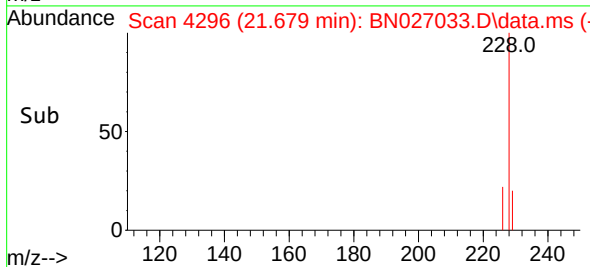
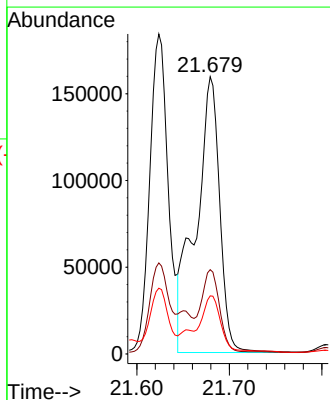
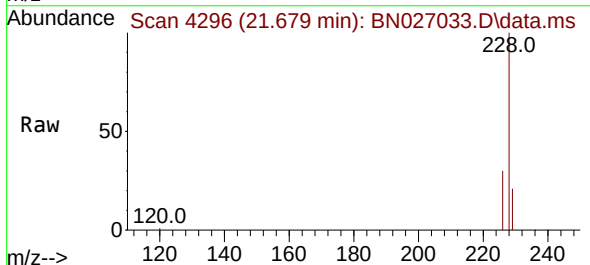
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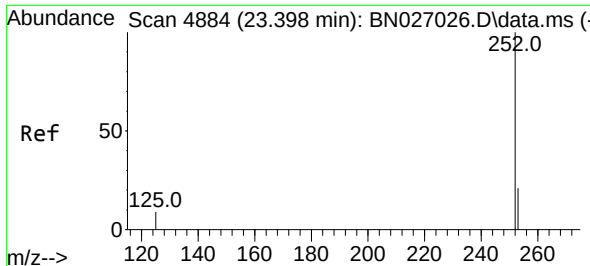
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#22
Chrysene
Concen: 2.707 ng/ul m
RT: 21.679 min Scan# 4296
Delta R.T. -0.012 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

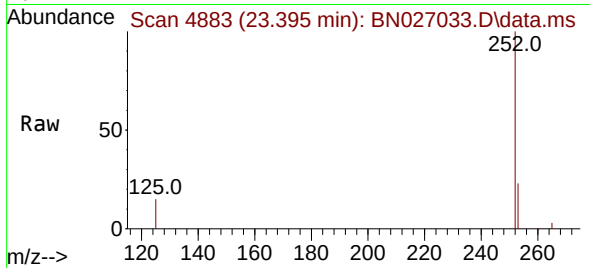
Tgt Ion:228 Resp: 285355
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 20.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.709 ng/ul m
RT: 23.395 min Scan# 4883
Delta R.T. -0.012 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

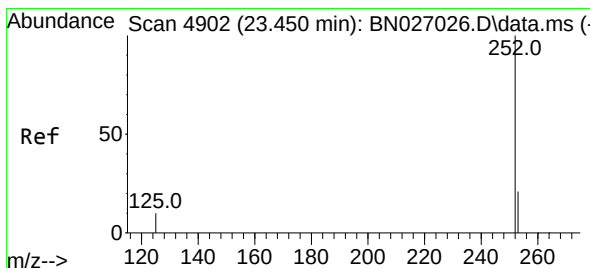
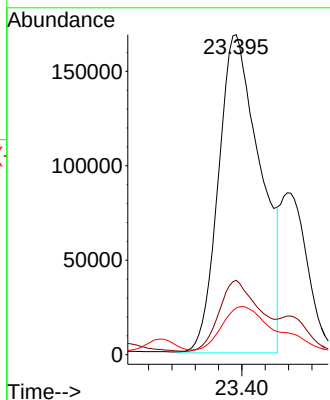
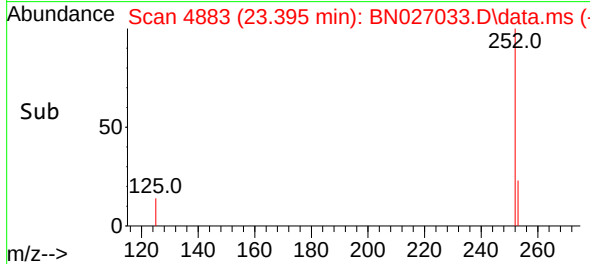
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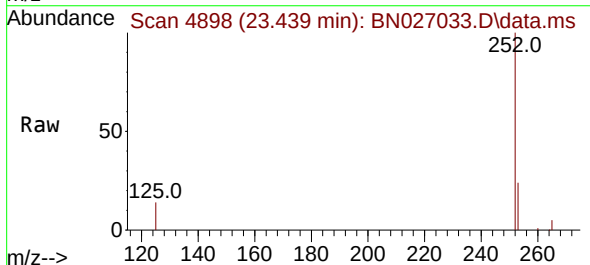
Tgt Ion:252 Resp: 42190
Ion Ratio Lower Upper
252 100
253 23.2 0.0 46.8
125 14.6 0.0 25.2

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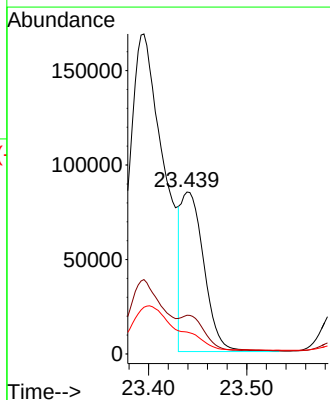
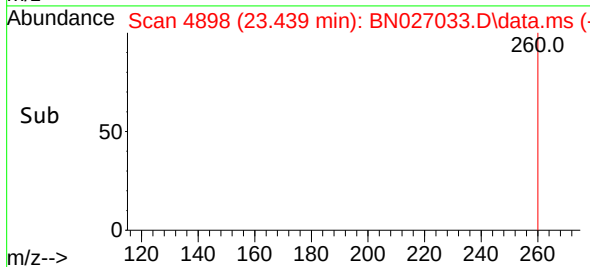
Reviewed By :Yogesh Patel 08/23/2023
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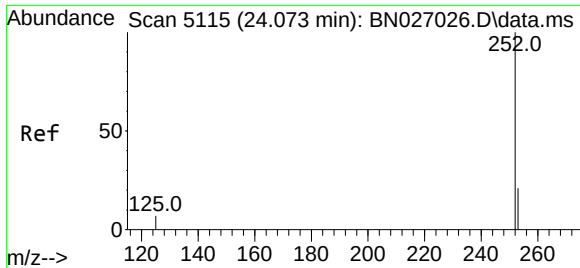


#25
Benzo(k)fluoranthene
Concen: 1.560 ng/ul m
RT: 23.439 min Scan# 4898
Delta R.T. -0.021 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59



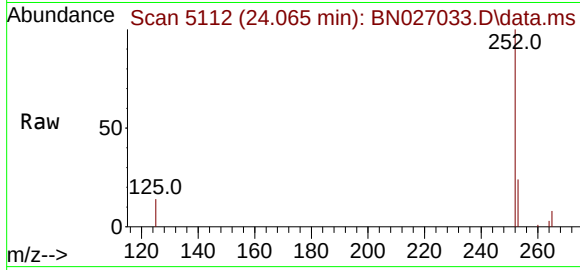
Tgt Ion:252 Resp: 137858
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 13.5 9.9 14.9





#26
Benzo(a)pyrene
Concen: 1.741 ng/ul
RT: 24.065 min Scan# 5115
Delta R.T. -0.021 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

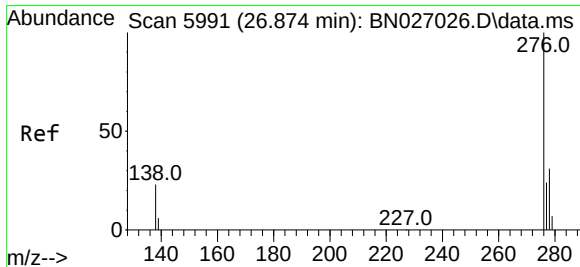
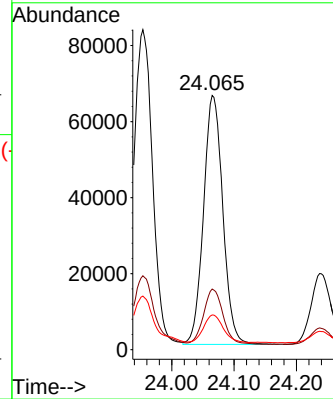
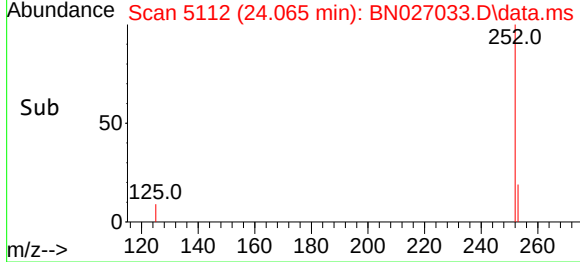
Instrument :
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Tgt Ion:252 Resp: 14078
Ion Ratio Lower Upper
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125 13.6 11.4 17.0

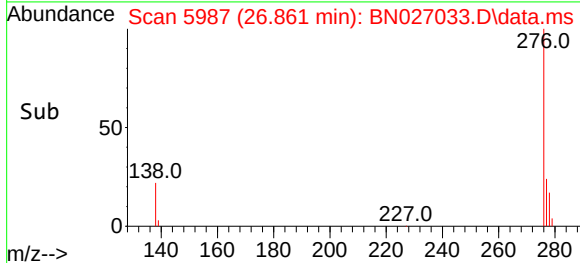
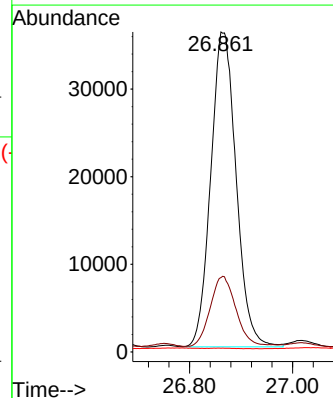
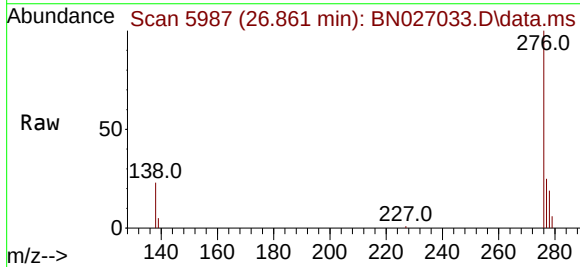
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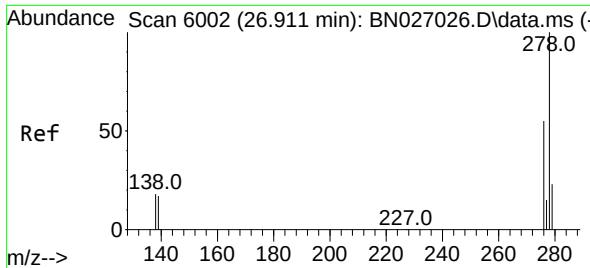
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.162 ng/ul
RT: 26.861 min Scan# 5987
Delta R.T. -0.024 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Tgt Ion:276 Resp: 122863
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.1 0.0 0.0#





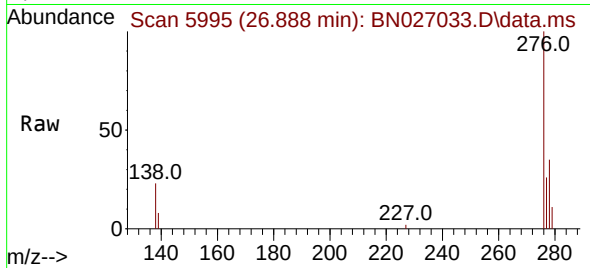
#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.888 min Scan# 5995
Delta R.T. -0.034 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :

BNA_N

ClientSampleId :

A48N6DL



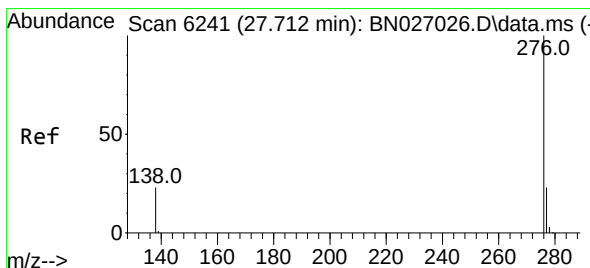
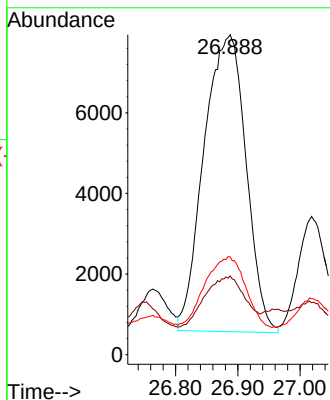
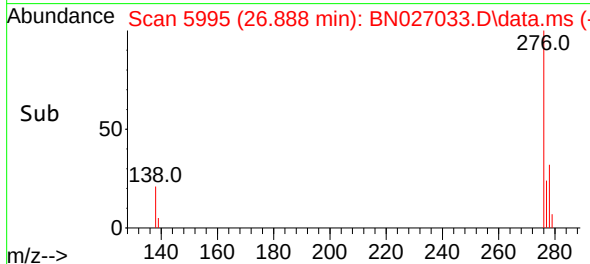
Tgt Ion:278 Resp: 34528
Ion Ratio Lower Upper
278 100
139 24.6 15.7 23.5
279 30.5 20.2 30.4

Manual Integrations

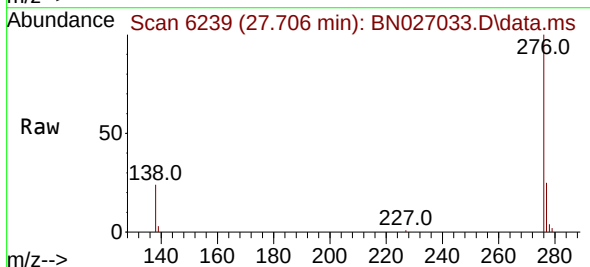
APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#29
Benzo(g,h,i)perylene
Concen: 1.118 ng/ul
RT: 27.706 min Scan# 6239
Delta R.T. -0.017 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59



Tgt Ion:276 Resp: 98423
Ion Ratio Lower Upper
276 100
138 23.8 19.3 28.9
277 24.8 19.8 29.8

